**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.01.2020 | 00:00 | 00:15 | 1.306 |
| 01.01.2020 | 00:15 | 00:30 | 1.296 |
| 01.01.2020 | 00:30 | 00:45 | 1.299 |
| 01.01.2020 | 00:45 | 01:00 | 1.288 |
| 01.01.2020 | 01:00 | 01:15 | 1.259 |
| 01.01.2020 | 01:15 | 01:30 | 1.236 |
| 01.01.2020 | 01:30 | 01:45 | 1.212 |
| 01.01.2020 | 01:45 | 02:00 | 1.188 |
| 01.01.2020 | 02:00 | 02:15 | 1.167 |
| 01.01.2020 | 02:15 | 02:30 | 1.138 |
| 01.01.2020 | 02:30 | 02:45 | 1.107 |
| 01.01.2020 | 02:45 | 03:00 | 1.085 |
| 01.01.2020 | 03:00 | 03:15 | 1.081 |
| 01.01.2020 | 03:15 | 03:30 | 1.055 |
| 01.01.2020 | 03:30 | 03:45 | 1.047 |
| 01.01.2020 | 03:45 | 04:00 | 1.037 |
| 01.01.2020 | 04:00 | 04:15 | 1.034 |
| 01.01.2020 | 04:15 | 04:30 | 1.013 |
| 01.01.2020 | 04:30 | 04:45 | 1.013 |
| 01.01.2020 | 04:45 | 05:00 | 1.010 |
| 01.01.2020 | 05:00 | 05:15 | 1.029 |
| 01.01.2020 | 05:15 | 05:30 | 1.013 |
| 01.01.2020 | 05:30 | 05:45 | 1.015 |
| 01.01.2020 | 05:45 | 06:00 | 1.016 |
| 01.01.2020 | 06:00 | 06:15 | 1.007 |
| 01.01.2020 | 06:15 | 06:30 | 1.001 |
| 01.01.2020 | 06:30 | 06:45 | 1.010 |
| 01.01.2020 | 06:45 | 07:00 | 1.019 |
| 01.01.2020 | 07:00 | 07:15 | 1.021 |
| 01.01.2020 | 07:15 | 07:30 | 1.034 |
| 01.01.2020 | 07:30 | 07:45 | 1.048 |
| 01.01.2020 | 07:45 | 08:00 | 1.065 |
| 01.01.2020 | 08:00 | 08:15 | 1.074 |
| 01.01.2020 | 08:15 | 08:30 | 1.071 |
| 01.01.2020 | 08:30 | 08:45 | 1.095 |
| 01.01.2020 | 08:45 | 09:00 | 1.115 |
| 01.01.2020 | 09:00 | 09:15 | 1.160 |
| 01.01.2020 | 09:15 | 09:30 | 1.196 |
| 01.01.2020 | 09:30 | 09:45 | 1.246 |
| 01.01.2020 | 09:45 | 10:00 | 1.290 |
| 01.01.2020 | 10:00 | 10:15 | 1.346 |
| 01.01.2020 | 10:15 | 10:30 | 1.401 |
| 01.01.2020 | 10:30 | 10:45 | 1.442 |
| 01.01.2020 | 10:45 | 11:00 | 1.488 |
| 01.01.2020 | 11:00 | 11:15 | 1.540 |
| 01.01.2020 | 11:15 | 11:30 | 1.607 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.01.2020 | 11:30 | 11:45 | 1.650 |
| 01.01.2020 | 11:45 | 12:00 | 1.683 |
| 01.01.2020 | 12:00 | 12:15 | 1.697 |
| 01.01.2020 | 12:15 | 12:30 | 1.716 |
| 01.01.2020 | 12:30 | 12:45 | 1.725 |
| 01.01.2020 | 12:45 | 13:00 | 1.749 |
| 01.01.2020 | 13:00 | 13:15 | 1.742 |
| 01.01.2020 | 13:15 | 13:30 | 1.752 |
| 01.01.2020 | 13:30 | 13:45 | 1.756 |
| 01.01.2020 | 13:45 | 14:00 | 1.732 |
| 01.01.2020 | 14:00 | 14:15 | 1.720 |
| 01.01.2020 | 14:15 | 14:30 | 1.693 |
| 01.01.2020 | 14:30 | 14:45 | 1.686 |
| 01.01.2020 | 14:45 | 15:00 | 1.686 |
| 01.01.2020 | 15:00 | 15:15 | 1.704 |
| 01.01.2020 | 15:15 | 15:30 | 1.693 |
| 01.01.2020 | 15:30 | 15:45 | 1.675 |
| 01.01.2020 | 15:45 | 16:00 | 1.675 |
| 01.01.2020 | 16:00 | 16:15 | 1.734 |
| 01.01.2020 | 16:15 | 16:30 | 1.791 |
| 01.01.2020 | 16:30 | 16:45 | 1.853 |
| 01.01.2020 | 16:45 | 17:00 | 1.954 |
| 01.01.2020 | 17:00 | 17:15 | 2.105 |
| 01.01.2020 | 17:15 | 17:30 | 2.146 |
| 01.01.2020 | 17:30 | 17:45 | 2.188 |
| 01.01.2020 | 17:45 | 18:00 | 2.180 |
| 01.01.2020 | 18:00 | 18:15 | 2.165 |
| 01.01.2020 | 18:15 | 18:30 | 2.172 |
| 01.01.2020 | 18:30 | 18:45 | 2.155 |
| 01.01.2020 | 18:45 | 19:00 | 2.152 |
| 01.01.2020 | 19:00 | 19:15 | 2.124 |
| 01.01.2020 | 19:15 | 19:30 | 2.081 |
| 01.01.2020 | 19:30 | 19:45 | 2.058 |
| 01.01.2020 | 19:45 | 20:00 | 2.011 |
| 01.01.2020 | 20:00 | 20:15 | 1.951 |
| 01.01.2020 | 20:15 | 20:30 | 1.866 |
| 01.01.2020 | 20:30 | 20:45 | 1.811 |
| 01.01.2020 | 20:45 | 21:00 | 1.763 |
| 01.01.2020 | 21:00 | 21:15 | 1.700 |
| 01.01.2020 | 21:15 | 21:30 | 1.661 |
| 01.01.2020 | 21:30 | 21:45 | 1.626 |
| 01.01.2020 | 21:45 | 22:00 | 1.615 |
| 01.01.2020 | 22:00 | 22:15 | 1.699 |
| 01.01.2020 | 22:15 | 22:30 | 1.652 |
| 01.01.2020 | 22:30 | 22:45 | 1.587 |
| 01.01.2020 | 22:45 | 23:00 | 1.522 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.01.2020 | 23:00 | 23:15 | 1.455 |
| 01.01.2020 | 23:15 | 23:30 | 1.419 |
| 01.01.2020 | 23:30 | 23:45 | 1.369 |
| 01.01.2020 | 23:45 | 00:00 | 1.323 |
| 02.01.2020 | 00:00 | 00:15 | 1.266 |
| 02.01.2020 | 00:15 | 00:30 | 1.219 |
| 02.01.2020 | 00:30 | 00:45 | 1.182 |
| 02.01.2020 | 00:45 | 01:00 | 1.147 |
| 02.01.2020 | 01:00 | 01:15 | 1.119 |
| 02.01.2020 | 01:15 | 01:30 | 1.092 |
| 02.01.2020 | 01:30 | 01:45 | 1.061 |
| 02.01.2020 | 01:45 | 02:00 | 1.039 |
| 02.01.2020 | 02:00 | 02:15 | 1.033 |
| 02.01.2020 | 02:15 | 02:30 | 1.022 |
| 02.01.2020 | 02:30 | 02:45 | 1.008 |
| 02.01.2020 | 02:45 | 03:00 | 999 |
| 02.01.2020 | 03:00 | 03:15 | 998 |
| 02.01.2020 | 03:15 | 03:30 | 994 |
| 02.01.2020 | 03:30 | 03:45 | 991 |
| 02.01.2020 | 03:45 | 04:00 | 1.003 |
| 02.01.2020 | 04:00 | 04:15 | 1.028 |
| 02.01.2020 | 04:15 | 04:30 | 1.039 |
| 02.01.2020 | 04:30 | 04:45 | 1.067 |
| 02.01.2020 | 04:45 | 05:00 | 1.076 |
| 02.01.2020 | 05:00 | 05:15 | 1.106 |
| 02.01.2020 | 05:15 | 05:30 | 1.142 |
| 02.01.2020 | 05:30 | 05:45 | 1.178 |
| 02.01.2020 | 05:45 | 06:00 | 1.255 |
| 02.01.2020 | 06:00 | 06:15 | 1.352 |
| 02.01.2020 | 06:15 | 06:30 | 1.429 |
| 02.01.2020 | 06:30 | 06:45 | 1.511 |
| 02.01.2020 | 06:45 | 07:00 | 1.602 |
| 02.01.2020 | 07:00 | 07:15 | 1.690 |
| 02.01.2020 | 07:15 | 07:30 | 1.768 |
| 02.01.2020 | 07:30 | 07:45 | 1.834 |
| 02.01.2020 | 07:45 | 08:00 | 1.906 |
| 02.01.2020 | 08:00 | 08:15 | 2.005 |
| 02.01.2020 | 08:15 | 08:30 | 2.019 |
| 02.01.2020 | 08:30 | 08:45 | 2.100 |
| 02.01.2020 | 08:45 | 09:00 | 2.160 |
| 02.01.2020 | 09:00 | 09:15 | 2.205 |
| 02.01.2020 | 09:15 | 09:30 | 2.279 |
| 02.01.2020 | 09:30 | 09:45 | 2.336 |
| 02.01.2020 | 09:45 | 10:00 | 2.426 |
| 02.01.2020 | 10:00 | 10:15 | 2.482 |
| 02.01.2020 | 10:15 | 10:30 | 2.506 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.01.2020 | 10:30 | 10:45 | 2.527 |
| 02.01.2020 | 10:45 | 11:00 | 2.549 |
| 02.01.2020 | 11:00 | 11:15 | 2.616 |
| 02.01.2020 | 11:15 | 11:30 | 2.630 |
| 02.01.2020 | 11:30 | 11:45 | 2.666 |
| 02.01.2020 | 11:45 | 12:00 | 2.669 |
| 02.01.2020 | 12:00 | 12:15 | 2.638 |
| 02.01.2020 | 12:15 | 12:30 | 2.663 |
| 02.01.2020 | 12:30 | 12:45 | 2.721 |
| 02.01.2020 | 12:45 | 13:00 | 2.714 |
| 02.01.2020 | 13:00 | 13:15 | 2.729 |
| 02.01.2020 | 13:15 | 13:30 | 2.709 |
| 02.01.2020 | 13:30 | 13:45 | 2.630 |
| 02.01.2020 | 13:45 | 14:00 | 2.579 |
| 02.01.2020 | 14:00 | 14:15 | 2.529 |
| 02.01.2020 | 14:15 | 14:30 | 2.468 |
| 02.01.2020 | 14:30 | 14:45 | 2.490 |
| 02.01.2020 | 14:45 | 15:00 | 2.473 |
| 02.01.2020 | 15:00 | 15:15 | 2.468 |
| 02.01.2020 | 15:15 | 15:30 | 2.459 |
| 02.01.2020 | 15:30 | 15:45 | 2.419 |
| 02.01.2020 | 15:45 | 16:00 | 2.418 |
| 02.01.2020 | 16:00 | 16:15 | 2.498 |
| 02.01.2020 | 16:15 | 16:30 | 2.527 |
| 02.01.2020 | 16:30 | 16:45 | 2.571 |
| 02.01.2020 | 16:45 | 17:00 | 2.734 |
| 02.01.2020 | 17:00 | 17:15 | 2.864 |
| 02.01.2020 | 17:15 | 17:30 | 2.893 |
| 02.01.2020 | 17:30 | 17:45 | 2.889 |
| 02.01.2020 | 17:45 | 18:00 | 2.896 |
| 02.01.2020 | 18:00 | 18:15 | 2.879 |
| 02.01.2020 | 18:15 | 18:30 | 2.849 |
| 02.01.2020 | 18:30 | 18:45 | 2.800 |
| 02.01.2020 | 18:45 | 19:00 | 2.820 |
| 02.01.2020 | 19:00 | 19:15 | 2.734 |
| 02.01.2020 | 19:15 | 19:30 | 2.650 |
| 02.01.2020 | 19:30 | 19:45 | 2.571 |
| 02.01.2020 | 19:45 | 20:00 | 2.521 |
| 02.01.2020 | 20:00 | 20:15 | 2.374 |
| 02.01.2020 | 20:15 | 20:30 | 2.264 |
| 02.01.2020 | 20:30 | 20:45 | 2.203 |
| 02.01.2020 | 20:45 | 21:00 | 2.114 |
| 02.01.2020 | 21:00 | 21:15 | 2.033 |
| 02.01.2020 | 21:15 | 21:30 | 1.970 |
| 02.01.2020 | 21:30 | 21:45 | 1.894 |
| 02.01.2020 | 21:45 | 22:00 | 1.834 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.01.2020 | 22:00 | 22:15 | 1.893 |
| 02.01.2020 | 22:15 | 22:30 | 1.823 |
| 02.01.2020 | 22:30 | 22:45 | 1.757 |
| 02.01.2020 | 22:45 | 23:00 | 1.682 |
| 02.01.2020 | 23:00 | 23:15 | 1.604 |
| 02.01.2020 | 23:15 | 23:30 | 1.549 |
| 02.01.2020 | 23:30 | 23:45 | 1.493 |
| 02.01.2020 | 23:45 | 00:00 | 1.446 |
| 03.01.2020 | 00:00 | 00:15 | 1.381 |
| 03.01.2020 | 00:15 | 00:30 | 1.319 |
| 03.01.2020 | 00:30 | 00:45 | 1.292 |
| 03.01.2020 | 00:45 | 01:00 | 1.255 |
| 03.01.2020 | 01:00 | 01:15 | 1.205 |
| 03.01.2020 | 01:15 | 01:30 | 1.160 |
| 03.01.2020 | 01:30 | 01:45 | 1.130 |
| 03.01.2020 | 01:45 | 02:00 | 1.116 |
| 03.01.2020 | 02:00 | 02:15 | 1.099 |
| 03.01.2020 | 02:15 | 02:30 | 1.079 |
| 03.01.2020 | 02:30 | 02:45 | 1.067 |
| 03.01.2020 | 02:45 | 03:00 | 1.051 |
| 03.01.2020 | 03:00 | 03:15 | 1.047 |
| 03.01.2020 | 03:15 | 03:30 | 1.034 |
| 03.01.2020 | 03:30 | 03:45 | 1.033 |
| 03.01.2020 | 03:45 | 04:00 | 1.036 |
| 03.01.2020 | 04:00 | 04:15 | 1.072 |
| 03.01.2020 | 04:15 | 04:30 | 1.085 |
| 03.01.2020 | 04:30 | 04:45 | 1.103 |
| 03.01.2020 | 04:45 | 05:00 | 1.116 |
| 03.01.2020 | 05:00 | 05:15 | 1.164 |
| 03.01.2020 | 05:15 | 05:30 | 1.190 |
| 03.01.2020 | 05:30 | 05:45 | 1.226 |
| 03.01.2020 | 05:45 | 06:00 | 1.289 |
| 03.01.2020 | 06:00 | 06:15 | 1.365 |
| 03.01.2020 | 06:15 | 06:30 | 1.464 |
| 03.01.2020 | 06:30 | 06:45 | 1.543 |
| 03.01.2020 | 06:45 | 07:00 | 1.601 |
| 03.01.2020 | 07:00 | 07:15 | 1.708 |
| 03.01.2020 | 07:15 | 07:30 | 1.784 |
| 03.01.2020 | 07:30 | 07:45 | 1.845 |
| 03.01.2020 | 07:45 | 08:00 | 1.964 |
| 03.01.2020 | 08:00 | 08:15 | 2.048 |
| 03.01.2020 | 08:15 | 08:30 | 2.056 |
| 03.01.2020 | 08:30 | 08:45 | 2.062 |
| 03.01.2020 | 08:45 | 09:00 | 2.116 |
| 03.01.2020 | 09:00 | 09:15 | 2.161 |
| 03.01.2020 | 09:15 | 09:30 | 2.236 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.01.2020 | 09:30 | 09:45 | 2.323 |
| 03.01.2020 | 09:45 | 10:00 | 2.371 |
| 03.01.2020 | 10:00 | 10:15 | 2.429 |
| 03.01.2020 | 10:15 | 10:30 | 2.458 |
| 03.01.2020 | 10:30 | 10:45 | 2.468 |
| 03.01.2020 | 10:45 | 11:00 | 2.475 |
| 03.01.2020 | 11:00 | 11:15 | 2.529 |
| 03.01.2020 | 11:15 | 11:30 | 2.636 |
| 03.01.2020 | 11:30 | 11:45 | 2.655 |
| 03.01.2020 | 11:45 | 12:00 | 2.660 |
| 03.01.2020 | 12:00 | 12:15 | 2.683 |
| 03.01.2020 | 12:15 | 12:30 | 2.684 |
| 03.01.2020 | 12:30 | 12:45 | 2.681 |
| 03.01.2020 | 12:45 | 13:00 | 2.654 |
| 03.01.2020 | 13:00 | 13:15 | 2.616 |
| 03.01.2020 | 13:15 | 13:30 | 2.658 |
| 03.01.2020 | 13:30 | 13:45 | 2.665 |
| 03.01.2020 | 13:45 | 14:00 | 2.603 |
| 03.01.2020 | 14:00 | 14:15 | 2.564 |
| 03.01.2020 | 14:15 | 14:30 | 2.527 |
| 03.01.2020 | 14:30 | 14:45 | 2.505 |
| 03.01.2020 | 14:45 | 15:00 | 2.501 |
| 03.01.2020 | 15:00 | 15:15 | 2.491 |
| 03.01.2020 | 15:15 | 15:30 | 2.478 |
| 03.01.2020 | 15:30 | 15:45 | 2.499 |
| 03.01.2020 | 15:45 | 16:00 | 2.488 |
| 03.01.2020 | 16:00 | 16:15 | 2.517 |
| 03.01.2020 | 16:15 | 16:30 | 2.612 |
| 03.01.2020 | 16:30 | 16:45 | 2.663 |
| 03.01.2020 | 16:45 | 17:00 | 2.791 |
| 03.01.2020 | 17:00 | 17:15 | 2.868 |
| 03.01.2020 | 17:15 | 17:30 | 2.863 |
| 03.01.2020 | 17:30 | 17:45 | 2.835 |
| 03.01.2020 | 17:45 | 18:00 | 2.835 |
| 03.01.2020 | 18:00 | 18:15 | 2.794 |
| 03.01.2020 | 18:15 | 18:30 | 2.782 |
| 03.01.2020 | 18:30 | 18:45 | 2.727 |
| 03.01.2020 | 18:45 | 19:00 | 2.719 |
| 03.01.2020 | 19:00 | 19:15 | 2.639 |
| 03.01.2020 | 19:15 | 19:30 | 2.591 |
| 03.01.2020 | 19:30 | 19:45 | 2.517 |
| 03.01.2020 | 19:45 | 20:00 | 2.446 |
| 03.01.2020 | 20:00 | 20:15 | 2.316 |
| 03.01.2020 | 20:15 | 20:30 | 2.219 |
| 03.01.2020 | 20:30 | 20:45 | 2.150 |
| 03.01.2020 | 20:45 | 21:00 | 2.087 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.01.2020 | 21:00 | 21:15 | 2.018 |
| 03.01.2020 | 21:15 | 21:30 | 1.922 |
| 03.01.2020 | 21:30 | 21:45 | 1.836 |
| 03.01.2020 | 21:45 | 22:00 | 1.798 |
| 03.01.2020 | 22:00 | 22:15 | 1.884 |
| 03.01.2020 | 22:15 | 22:30 | 1.791 |
| 03.01.2020 | 22:30 | 22:45 | 1.775 |
| 03.01.2020 | 22:45 | 23:00 | 1.714 |
| 03.01.2020 | 23:00 | 23:15 | 1.623 |
| 03.01.2020 | 23:15 | 23:30 | 1.583 |
| 03.01.2020 | 23:30 | 23:45 | 1.507 |
| 03.01.2020 | 23:45 | 00:00 | 1.457 |
| 04.01.2020 | 00:00 | 00:15 | 1.405 |
| 04.01.2020 | 00:15 | 00:30 | 1.354 |
| 04.01.2020 | 00:30 | 00:45 | 1.299 |
| 04.01.2020 | 00:45 | 01:00 | 1.260 |
| 04.01.2020 | 01:00 | 01:15 | 1.222 |
| 04.01.2020 | 01:15 | 01:30 | 1.191 |
| 04.01.2020 | 01:30 | 01:45 | 1.161 |
| 04.01.2020 | 01:45 | 02:00 | 1.133 |
| 04.01.2020 | 02:00 | 02:15 | 1.115 |
| 04.01.2020 | 02:15 | 02:30 | 1.104 |
| 04.01.2020 | 02:30 | 02:45 | 1.087 |
| 04.01.2020 | 02:45 | 03:00 | 1.074 |
| 04.01.2020 | 03:00 | 03:15 | 1.069 |
| 04.01.2020 | 03:15 | 03:30 | 1.037 |
| 04.01.2020 | 03:30 | 03:45 | 1.032 |
| 04.01.2020 | 03:45 | 04:00 | 1.029 |
| 04.01.2020 | 04:00 | 04:15 | 1.038 |
| 04.01.2020 | 04:15 | 04:30 | 1.032 |
| 04.01.2020 | 04:30 | 04:45 | 1.036 |
| 04.01.2020 | 04:45 | 05:00 | 1.046 |
| 04.01.2020 | 05:00 | 05:15 | 1.073 |
| 04.01.2020 | 05:15 | 05:30 | 1.081 |
| 04.01.2020 | 05:30 | 05:45 | 1.088 |
| 04.01.2020 | 05:45 | 06:00 | 1.115 |
| 04.01.2020 | 06:00 | 06:15 | 1.122 |
| 04.01.2020 | 06:15 | 06:30 | 1.154 |
| 04.01.2020 | 06:30 | 06:45 | 1.185 |
| 04.01.2020 | 06:45 | 07:00 | 1.232 |
| 04.01.2020 | 07:00 | 07:15 | 1.278 |
| 04.01.2020 | 07:15 | 07:30 | 1.326 |
| 04.01.2020 | 07:30 | 07:45 | 1.373 |
| 04.01.2020 | 07:45 | 08:00 | 1.424 |
| 04.01.2020 | 08:00 | 08:15 | 1.511 |
| 04.01.2020 | 08:15 | 08:30 | 1.517 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.01.2020 | 08:30 | 08:45 | 1.561 |
| 04.01.2020 | 08:45 | 09:00 | 1.627 |
| 04.01.2020 | 09:00 | 09:15 | 1.681 |
| 04.01.2020 | 09:15 | 09:30 | 1.756 |
| 04.01.2020 | 09:30 | 09:45 | 1.850 |
| 04.01.2020 | 09:45 | 10:00 | 1.922 |
| 04.01.2020 | 10:00 | 10:15 | 1.996 |
| 04.01.2020 | 10:15 | 10:30 | 2.017 |
| 04.01.2020 | 10:30 | 10:45 | 2.066 |
| 04.01.2020 | 10:45 | 11:00 | 2.118 |
| 04.01.2020 | 11:00 | 11:15 | 2.150 |
| 04.01.2020 | 11:15 | 11:30 | 2.185 |
| 04.01.2020 | 11:30 | 11:45 | 2.223 |
| 04.01.2020 | 11:45 | 12:00 | 2.253 |
| 04.01.2020 | 12:00 | 12:15 | 2.256 |
| 04.01.2020 | 12:15 | 12:30 | 2.274 |
| 04.01.2020 | 12:30 | 12:45 | 2.280 |
| 04.01.2020 | 12:45 | 13:00 | 2.300 |
| 04.01.2020 | 13:00 | 13:15 | 2.276 |
| 04.01.2020 | 13:15 | 13:30 | 2.312 |
| 04.01.2020 | 13:30 | 13:45 | 2.309 |
| 04.01.2020 | 13:45 | 14:00 | 2.306 |
| 04.01.2020 | 14:00 | 14:15 | 2.219 |
| 04.01.2020 | 14:15 | 14:30 | 2.200 |
| 04.01.2020 | 14:30 | 14:45 | 2.229 |
| 04.01.2020 | 14:45 | 15:00 | 2.188 |
| 04.01.2020 | 15:00 | 15:15 | 2.205 |
| 04.01.2020 | 15:15 | 15:30 | 2.202 |
| 04.01.2020 | 15:30 | 15:45 | 2.209 |
| 04.01.2020 | 15:45 | 16:00 | 2.214 |
| 04.01.2020 | 16:00 | 16:15 | 2.258 |
| 04.01.2020 | 16:15 | 16:30 | 2.273 |
| 04.01.2020 | 16:30 | 16:45 | 2.308 |
| 04.01.2020 | 16:45 | 17:00 | 2.399 |
| 04.01.2020 | 17:00 | 17:15 | 2.477 |
| 04.01.2020 | 17:15 | 17:30 | 2.490 |
| 04.01.2020 | 17:30 | 17:45 | 2.514 |
| 04.01.2020 | 17:45 | 18:00 | 2.523 |
| 04.01.2020 | 18:00 | 18:15 | 2.493 |
| 04.01.2020 | 18:15 | 18:30 | 2.465 |
| 04.01.2020 | 18:30 | 18:45 | 2.450 |
| 04.01.2020 | 18:45 | 19:00 | 2.423 |
| 04.01.2020 | 19:00 | 19:15 | 2.351 |
| 04.01.2020 | 19:15 | 19:30 | 2.295 |
| 04.01.2020 | 19:30 | 19:45 | 2.237 |
| 04.01.2020 | 19:45 | 20:00 | 2.194 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.01.2020 | 20:00 | 20:15 | 2.114 |
| 04.01.2020 | 20:15 | 20:30 | 2.035 |
| 04.01.2020 | 20:30 | 20:45 | 1.933 |
| 04.01.2020 | 20:45 | 21:00 | 1.858 |
| 04.01.2020 | 21:00 | 21:15 | 1.819 |
| 04.01.2020 | 21:15 | 21:30 | 1.777 |
| 04.01.2020 | 21:30 | 21:45 | 1.705 |
| 04.01.2020 | 21:45 | 22:00 | 1.670 |
| 04.01.2020 | 22:00 | 22:15 | 1.757 |
| 04.01.2020 | 22:15 | 22:30 | 1.686 |
| 04.01.2020 | 22:30 | 22:45 | 1.633 |
| 04.01.2020 | 22:45 | 23:00 | 1.588 |
| 04.01.2020 | 23:00 | 23:15 | 1.543 |
| 04.01.2020 | 23:15 | 23:30 | 1.501 |
| 04.01.2020 | 23:30 | 23:45 | 1.443 |
| 04.01.2020 | 23:45 | 00:00 | 1.383 |
| 05.01.2020 | 00:00 | 00:15 | 1.327 |
| 05.01.2020 | 00:15 | 00:30 | 1.270 |
| 05.01.2020 | 00:30 | 00:45 | 1.232 |
| 05.01.2020 | 00:45 | 01:00 | 1.198 |
| 05.01.2020 | 01:00 | 01:15 | 1.140 |
| 05.01.2020 | 01:15 | 01:30 | 1.101 |
| 05.01.2020 | 01:30 | 01:45 | 1.080 |
| 05.01.2020 | 01:45 | 02:00 | 1.054 |
| 05.01.2020 | 02:00 | 02:15 | 1.038 |
| 05.01.2020 | 02:15 | 02:30 | 1.018 |
| 05.01.2020 | 02:30 | 02:45 | 1.005 |
| 05.01.2020 | 02:45 | 03:00 | 985 |
| 05.01.2020 | 03:00 | 03:15 | 979 |
| 05.01.2020 | 03:15 | 03:30 | 969 |
| 05.01.2020 | 03:30 | 03:45 | 965 |
| 05.01.2020 | 03:45 | 04:00 | 962 |
| 05.01.2020 | 04:00 | 04:15 | 964 |
| 05.01.2020 | 04:15 | 04:30 | 961 |
| 05.01.2020 | 04:30 | 04:45 | 966 |
| 05.01.2020 | 04:45 | 05:00 | 970 |
| 05.01.2020 | 05:00 | 05:15 | 975 |
| 05.01.2020 | 05:15 | 05:30 | 978 |
| 05.01.2020 | 05:30 | 05:45 | 982 |
| 05.01.2020 | 05:45 | 06:00 | 995 |
| 05.01.2020 | 06:00 | 06:15 | 988 |
| 05.01.2020 | 06:15 | 06:30 | 1.001 |
| 05.01.2020 | 06:30 | 06:45 | 1.018 |
| 05.01.2020 | 06:45 | 07:00 | 1.042 |
| 05.01.2020 | 07:00 | 07:15 | 1.071 |
| 05.01.2020 | 07:15 | 07:30 | 1.098 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.01.2020 | 07:30 | 07:45 | 1.123 |
| 05.01.2020 | 07:45 | 08:00 | 1.173 |
| 05.01.2020 | 08:00 | 08:15 | 1.223 |
| 05.01.2020 | 08:15 | 08:30 | 1.233 |
| 05.01.2020 | 08:30 | 08:45 | 1.280 |
| 05.01.2020 | 08:45 | 09:00 | 1.335 |
| 05.01.2020 | 09:00 | 09:15 | 1.396 |
| 05.01.2020 | 09:15 | 09:30 | 1.476 |
| 05.01.2020 | 09:30 | 09:45 | 1.527 |
| 05.01.2020 | 09:45 | 10:00 | 1.601 |
| 05.01.2020 | 10:00 | 10:15 | 1.654 |
| 05.01.2020 | 10:15 | 10:30 | 1.730 |
| 05.01.2020 | 10:30 | 10:45 | 1.789 |
| 05.01.2020 | 10:45 | 11:00 | 1.843 |
| 05.01.2020 | 11:00 | 11:15 | 1.886 |
| 05.01.2020 | 11:15 | 11:30 | 1.956 |
| 05.01.2020 | 11:30 | 11:45 | 2.015 |
| 05.01.2020 | 11:45 | 12:00 | 2.057 |
| 05.01.2020 | 12:00 | 12:15 | 2.104 |
| 05.01.2020 | 12:15 | 12:30 | 2.142 |
| 05.01.2020 | 12:30 | 12:45 | 2.193 |
| 05.01.2020 | 12:45 | 13:00 | 2.168 |
| 05.01.2020 | 13:00 | 13:15 | 2.131 |
| 05.01.2020 | 13:15 | 13:30 | 2.115 |
| 05.01.2020 | 13:30 | 13:45 | 2.124 |
| 05.01.2020 | 13:45 | 14:00 | 2.091 |
| 05.01.2020 | 14:00 | 14:15 | 2.060 |
| 05.01.2020 | 14:15 | 14:30 | 2.036 |
| 05.01.2020 | 14:30 | 14:45 | 2.018 |
| 05.01.2020 | 14:45 | 15:00 | 2.002 |
| 05.01.2020 | 15:00 | 15:15 | 1.988 |
| 05.01.2020 | 15:15 | 15:30 | 1.987 |
| 05.01.2020 | 15:30 | 15:45 | 1.988 |
| 05.01.2020 | 15:45 | 16:00 | 2.024 |
| 05.01.2020 | 16:00 | 16:15 | 2.039 |
| 05.01.2020 | 16:15 | 16:30 | 2.079 |
| 05.01.2020 | 16:30 | 16:45 | 2.091 |
| 05.01.2020 | 16:45 | 17:00 | 2.191 |
| 05.01.2020 | 17:00 | 17:15 | 2.288 |
| 05.01.2020 | 17:15 | 17:30 | 2.317 |
| 05.01.2020 | 17:30 | 17:45 | 2.361 |
| 05.01.2020 | 17:45 | 18:00 | 2.354 |
| 05.01.2020 | 18:00 | 18:15 | 2.348 |
| 05.01.2020 | 18:15 | 18:30 | 2.326 |
| 05.01.2020 | 18:30 | 18:45 | 2.320 |
| 05.01.2020 | 18:45 | 19:00 | 2.288 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.01.2020 | 19:00 | 19:15 | 2.278 |
| 05.01.2020 | 19:15 | 19:30 | 2.250 |
| 05.01.2020 | 19:30 | 19:45 | 2.174 |
| 05.01.2020 | 19:45 | 20:00 | 2.121 |
| 05.01.2020 | 20:00 | 20:15 | 2.013 |
| 05.01.2020 | 20:15 | 20:30 | 1.950 |
| 05.01.2020 | 20:30 | 20:45 | 1.877 |
| 05.01.2020 | 20:45 | 21:00 | 1.828 |
| 05.01.2020 | 21:00 | 21:15 | 1.755 |
| 05.01.2020 | 21:15 | 21:30 | 1.699 |
| 05.01.2020 | 21:30 | 21:45 | 1.631 |
| 05.01.2020 | 21:45 | 22:00 | 1.603 |
| 05.01.2020 | 22:00 | 22:15 | 1.695 |
| 05.01.2020 | 22:15 | 22:30 | 1.648 |
| 05.01.2020 | 22:30 | 22:45 | 1.578 |
| 05.01.2020 | 22:45 | 23:00 | 1.527 |
| 05.01.2020 | 23:00 | 23:15 | 1.466 |
| 05.01.2020 | 23:15 | 23:30 | 1.418 |
| 05.01.2020 | 23:30 | 23:45 | 1.355 |
| 05.01.2020 | 23:45 | 00:00 | 1.305 |
| 06.01.2020 | 00:00 | 00:15 | 1.259 |
| 06.01.2020 | 00:15 | 00:30 | 1.218 |
| 06.01.2020 | 00:30 | 00:45 | 1.177 |
| 06.01.2020 | 00:45 | 01:00 | 1.148 |
| 06.01.2020 | 01:00 | 01:15 | 1.118 |
| 06.01.2020 | 01:15 | 01:30 | 1.088 |
| 06.01.2020 | 01:30 | 01:45 | 1.063 |
| 06.01.2020 | 01:45 | 02:00 | 1.045 |
| 06.01.2020 | 02:00 | 02:15 | 1.034 |
| 06.01.2020 | 02:15 | 02:30 | 1.018 |
| 06.01.2020 | 02:30 | 02:45 | 1.008 |
| 06.01.2020 | 02:45 | 03:00 | 998 |
| 06.01.2020 | 03:00 | 03:15 | 1.004 |
| 06.01.2020 | 03:15 | 03:30 | 1.001 |
| 06.01.2020 | 03:30 | 03:45 | 1.006 |
| 06.01.2020 | 03:45 | 04:00 | 1.017 |
| 06.01.2020 | 04:00 | 04:15 | 1.033 |
| 06.01.2020 | 04:15 | 04:30 | 1.052 |
| 06.01.2020 | 04:30 | 04:45 | 1.066 |
| 06.01.2020 | 04:45 | 05:00 | 1.099 |
| 06.01.2020 | 05:00 | 05:15 | 1.185 |
| 06.01.2020 | 05:15 | 05:30 | 1.236 |
| 06.01.2020 | 05:30 | 05:45 | 1.303 |
| 06.01.2020 | 05:45 | 06:00 | 1.419 |
| 06.01.2020 | 06:00 | 06:15 | 1.528 |
| 06.01.2020 | 06:15 | 06:30 | 1.620 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.01.2020 | 06:30 | 06:45 | 1.734 |
| 06.01.2020 | 06:45 | 07:00 | 1.829 |
| 06.01.2020 | 07:00 | 07:15 | 1.938 |
| 06.01.2020 | 07:15 | 07:30 | 2.070 |
| 06.01.2020 | 07:30 | 07:45 | 2.161 |
| 06.01.2020 | 07:45 | 08:00 | 2.233 |
| 06.01.2020 | 08:00 | 08:15 | 2.286 |
| 06.01.2020 | 08:15 | 08:30 | 2.321 |
| 06.01.2020 | 08:30 | 08:45 | 2.346 |
| 06.01.2020 | 08:45 | 09:00 | 2.374 |
| 06.01.2020 | 09:00 | 09:15 | 2.428 |
| 06.01.2020 | 09:15 | 09:30 | 2.467 |
| 06.01.2020 | 09:30 | 09:45 | 2.497 |
| 06.01.2020 | 09:45 | 10:00 | 2.510 |
| 06.01.2020 | 10:00 | 10:15 | 2.556 |
| 06.01.2020 | 10:15 | 10:30 | 2.597 |
| 06.01.2020 | 10:30 | 10:45 | 2.611 |
| 06.01.2020 | 10:45 | 11:00 | 2.642 |
| 06.01.2020 | 11:00 | 11:15 | 2.671 |
| 06.01.2020 | 11:15 | 11:30 | 2.714 |
| 06.01.2020 | 11:30 | 11:45 | 2.735 |
| 06.01.2020 | 11:45 | 12:00 | 2.738 |
| 06.01.2020 | 12:00 | 12:15 | 2.719 |
| 06.01.2020 | 12:15 | 12:30 | 2.743 |
| 06.01.2020 | 12:30 | 12:45 | 2.771 |
| 06.01.2020 | 12:45 | 13:00 | 2.750 |
| 06.01.2020 | 13:00 | 13:15 | 2.701 |
| 06.01.2020 | 13:15 | 13:30 | 2.681 |
| 06.01.2020 | 13:30 | 13:45 | 2.672 |
| 06.01.2020 | 13:45 | 14:00 | 2.605 |
| 06.01.2020 | 14:00 | 14:15 | 2.559 |
| 06.01.2020 | 14:15 | 14:30 | 2.520 |
| 06.01.2020 | 14:30 | 14:45 | 2.481 |
| 06.01.2020 | 14:45 | 15:00 | 2.468 |
| 06.01.2020 | 15:00 | 15:15 | 2.469 |
| 06.01.2020 | 15:15 | 15:30 | 2.457 |
| 06.01.2020 | 15:30 | 15:45 | 2.461 |
| 06.01.2020 | 15:45 | 16:00 | 2.451 |
| 06.01.2020 | 16:00 | 16:15 | 2.511 |
| 06.01.2020 | 16:15 | 16:30 | 2.570 |
| 06.01.2020 | 16:30 | 16:45 | 2.614 |
| 06.01.2020 | 16:45 | 17:00 | 2.768 |
| 06.01.2020 | 17:00 | 17:15 | 2.981 |
| 06.01.2020 | 17:15 | 17:30 | 3.098 |
| 06.01.2020 | 17:30 | 17:45 | 3.125 |
| 06.01.2020 | 17:45 | 18:00 | 3.158 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.01.2020 | 18:00 | 18:15 | 3.141 |
| 06.01.2020 | 18:15 | 18:30 | 3.181 |
| 06.01.2020 | 18:30 | 18:45 | 3.132 |
| 06.01.2020 | 18:45 | 19:00 | 3.091 |
| 06.01.2020 | 19:00 | 19:15 | 3.071 |
| 06.01.2020 | 19:15 | 19:30 | 3.024 |
| 06.01.2020 | 19:30 | 19:45 | 2.955 |
| 06.01.2020 | 19:45 | 20:00 | 2.871 |
| 06.01.2020 | 20:00 | 20:15 | 2.708 |
| 06.01.2020 | 20:15 | 20:30 | 2.583 |
| 06.01.2020 | 20:30 | 20:45 | 2.488 |
| 06.01.2020 | 20:45 | 21:00 | 2.374 |
| 06.01.2020 | 21:00 | 21:15 | 2.253 |
| 06.01.2020 | 21:15 | 21:30 | 2.134 |
| 06.01.2020 | 21:30 | 21:45 | 2.012 |
| 06.01.2020 | 21:45 | 22:00 | 1.887 |
| 06.01.2020 | 22:00 | 22:15 | 1.972 |
| 06.01.2020 | 22:15 | 22:30 | 1.891 |
| 06.01.2020 | 22:30 | 22:45 | 1.801 |
| 06.01.2020 | 22:45 | 23:00 | 1.739 |
| 06.01.2020 | 23:00 | 23:15 | 1.625 |
| 06.01.2020 | 23:15 | 23:30 | 1.574 |
| 06.01.2020 | 23:30 | 23:45 | 1.508 |
| 06.01.2020 | 23:45 | 00:00 | 1.449 |
| 07.01.2020 | 00:00 | 00:15 | 1.387 |
| 07.01.2020 | 00:15 | 00:30 | 1.323 |
| 07.01.2020 | 00:30 | 00:45 | 1.290 |
| 07.01.2020 | 00:45 | 01:00 | 1.255 |
| 07.01.2020 | 01:00 | 01:15 | 1.228 |
| 07.01.2020 | 01:15 | 01:30 | 1.188 |
| 07.01.2020 | 01:30 | 01:45 | 1.161 |
| 07.01.2020 | 01:45 | 02:00 | 1.148 |
| 07.01.2020 | 02:00 | 02:15 | 1.133 |
| 07.01.2020 | 02:15 | 02:30 | 1.122 |
| 07.01.2020 | 02:30 | 02:45 | 1.114 |
| 07.01.2020 | 02:45 | 03:00 | 1.086 |
| 07.01.2020 | 03:00 | 03:15 | 1.090 |
| 07.01.2020 | 03:15 | 03:30 | 1.090 |
| 07.01.2020 | 03:30 | 03:45 | 1.093 |
| 07.01.2020 | 03:45 | 04:00 | 1.097 |
| 07.01.2020 | 04:00 | 04:15 | 1.127 |
| 07.01.2020 | 04:15 | 04:30 | 1.150 |
| 07.01.2020 | 04:30 | 04:45 | 1.180 |
| 07.01.2020 | 04:45 | 05:00 | 1.230 |
| 07.01.2020 | 05:00 | 05:15 | 1.298 |
| 07.01.2020 | 05:15 | 05:30 | 1.343 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.01.2020 | 05:30 | 05:45 | 1.416 |
| 07.01.2020 | 05:45 | 06:00 | 1.524 |
| 07.01.2020 | 06:00 | 06:15 | 1.674 |
| 07.01.2020 | 06:15 | 06:30 | 1.817 |
| 07.01.2020 | 06:30 | 06:45 | 1.943 |
| 07.01.2020 | 06:45 | 07:00 | 2.073 |
| 07.01.2020 | 07:00 | 07:15 | 2.225 |
| 07.01.2020 | 07:15 | 07:30 | 2.328 |
| 07.01.2020 | 07:30 | 07:45 | 2.383 |
| 07.01.2020 | 07:45 | 08:00 | 2.413 |
| 07.01.2020 | 08:00 | 08:15 | 2.503 |
| 07.01.2020 | 08:15 | 08:30 | 2.504 |
| 07.01.2020 | 08:30 | 08:45 | 2.480 |
| 07.01.2020 | 08:45 | 09:00 | 2.508 |
| 07.01.2020 | 09:00 | 09:15 | 2.561 |
| 07.01.2020 | 09:15 | 09:30 | 2.591 |
| 07.01.2020 | 09:30 | 09:45 | 2.624 |
| 07.01.2020 | 09:45 | 10:00 | 2.641 |
| 07.01.2020 | 10:00 | 10:15 | 2.675 |
| 07.01.2020 | 10:15 | 10:30 | 2.680 |
| 07.01.2020 | 10:30 | 10:45 | 2.695 |
| 07.01.2020 | 10:45 | 11:00 | 2.683 |
| 07.01.2020 | 11:00 | 11:15 | 2.695 |
| 07.01.2020 | 11:15 | 11:30 | 2.764 |
| 07.01.2020 | 11:30 | 11:45 | 2.734 |
| 07.01.2020 | 11:45 | 12:00 | 2.762 |
| 07.01.2020 | 12:00 | 12:15 | 2.761 |
| 07.01.2020 | 12:15 | 12:30 | 2.744 |
| 07.01.2020 | 12:30 | 12:45 | 2.764 |
| 07.01.2020 | 12:45 | 13:00 | 2.743 |
| 07.01.2020 | 13:00 | 13:15 | 2.749 |
| 07.01.2020 | 13:15 | 13:30 | 2.761 |
| 07.01.2020 | 13:30 | 13:45 | 2.778 |
| 07.01.2020 | 13:45 | 14:00 | 2.701 |
| 07.01.2020 | 14:00 | 14:15 | 2.648 |
| 07.01.2020 | 14:15 | 14:30 | 2.637 |
| 07.01.2020 | 14:30 | 14:45 | 2.647 |
| 07.01.2020 | 14:45 | 15:00 | 2.640 |
| 07.01.2020 | 15:00 | 15:15 | 2.612 |
| 07.01.2020 | 15:15 | 15:30 | 2.606 |
| 07.01.2020 | 15:30 | 15:45 | 2.622 |
| 07.01.2020 | 15:45 | 16:00 | 2.610 |
| 07.01.2020 | 16:00 | 16:15 | 2.583 |
| 07.01.2020 | 16:15 | 16:30 | 2.597 |
| 07.01.2020 | 16:30 | 16:45 | 2.639 |
| 07.01.2020 | 16:45 | 17:00 | 2.757 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.01.2020 | 17:00 | 17:15 | 2.916 |
| 07.01.2020 | 17:15 | 17:30 | 3.032 |
| 07.01.2020 | 17:30 | 17:45 | 3.049 |
| 07.01.2020 | 17:45 | 18:00 | 3.080 |
| 07.01.2020 | 18:00 | 18:15 | 3.071 |
| 07.01.2020 | 18:15 | 18:30 | 3.039 |
| 07.01.2020 | 18:30 | 18:45 | 3.061 |
| 07.01.2020 | 18:45 | 19:00 | 3.036 |
| 07.01.2020 | 19:00 | 19:15 | 2.984 |
| 07.01.2020 | 19:15 | 19:30 | 2.904 |
| 07.01.2020 | 19:30 | 19:45 | 2.810 |
| 07.01.2020 | 19:45 | 20:00 | 2.748 |
| 07.01.2020 | 20:00 | 20:15 | 2.597 |
| 07.01.2020 | 20:15 | 20:30 | 2.483 |
| 07.01.2020 | 20:30 | 20:45 | 2.375 |
| 07.01.2020 | 20:45 | 21:00 | 2.303 |
| 07.01.2020 | 21:00 | 21:15 | 2.220 |
| 07.01.2020 | 21:15 | 21:30 | 2.118 |
| 07.01.2020 | 21:30 | 21:45 | 1.981 |
| 07.01.2020 | 21:45 | 22:00 | 1.886 |
| 07.01.2020 | 22:00 | 22:15 | 1.898 |
| 07.01.2020 | 22:15 | 22:30 | 1.832 |
| 07.01.2020 | 22:30 | 22:45 | 1.772 |
| 07.01.2020 | 22:45 | 23:00 | 1.703 |
| 07.01.2020 | 23:00 | 23:15 | 1.628 |
| 07.01.2020 | 23:15 | 23:30 | 1.569 |
| 07.01.2020 | 23:30 | 23:45 | 1.478 |
| 07.01.2020 | 23:45 | 00:00 | 1.416 |
| 08.01.2020 | 00:00 | 00:15 | 1.370 |
| 08.01.2020 | 00:15 | 00:30 | 1.313 |
| 08.01.2020 | 00:30 | 00:45 | 1.267 |
| 08.01.2020 | 00:45 | 01:00 | 1.225 |
| 08.01.2020 | 01:00 | 01:15 | 1.196 |
| 08.01.2020 | 01:15 | 01:30 | 1.169 |
| 08.01.2020 | 01:30 | 01:45 | 1.147 |
| 08.01.2020 | 01:45 | 02:00 | 1.128 |
| 08.01.2020 | 02:00 | 02:15 | 1.110 |
| 08.01.2020 | 02:15 | 02:30 | 1.095 |
| 08.01.2020 | 02:30 | 02:45 | 1.088 |
| 08.01.2020 | 02:45 | 03:00 | 1.071 |
| 08.01.2020 | 03:00 | 03:15 | 1.078 |
| 08.01.2020 | 03:15 | 03:30 | 1.076 |
| 08.01.2020 | 03:30 | 03:45 | 1.077 |
| 08.01.2020 | 03:45 | 04:00 | 1.079 |
| 08.01.2020 | 04:00 | 04:15 | 1.105 |
| 08.01.2020 | 04:15 | 04:30 | 1.118 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.01.2020 | 04:30 | 04:45 | 1.157 |
| 08.01.2020 | 04:45 | 05:00 | 1.209 |
| 08.01.2020 | 05:00 | 05:15 | 1.263 |
| 08.01.2020 | 05:15 | 05:30 | 1.309 |
| 08.01.2020 | 05:30 | 05:45 | 1.371 |
| 08.01.2020 | 05:45 | 06:00 | 1.517 |
| 08.01.2020 | 06:00 | 06:15 | 1.650 |
| 08.01.2020 | 06:15 | 06:30 | 1.791 |
| 08.01.2020 | 06:30 | 06:45 | 1.932 |
| 08.01.2020 | 06:45 | 07:00 | 2.085 |
| 08.01.2020 | 07:00 | 07:15 | 2.230 |
| 08.01.2020 | 07:15 | 07:30 | 2.291 |
| 08.01.2020 | 07:30 | 07:45 | 2.350 |
| 08.01.2020 | 07:45 | 08:00 | 2.415 |
| 08.01.2020 | 08:00 | 08:15 | 2.500 |
| 08.01.2020 | 08:15 | 08:30 | 2.479 |
| 08.01.2020 | 08:30 | 08:45 | 2.485 |
| 08.01.2020 | 08:45 | 09:00 | 2.516 |
| 08.01.2020 | 09:00 | 09:15 | 2.503 |
| 08.01.2020 | 09:15 | 09:30 | 2.528 |
| 08.01.2020 | 09:30 | 09:45 | 2.518 |
| 08.01.2020 | 09:45 | 10:00 | 2.590 |
| 08.01.2020 | 10:00 | 10:15 | 2.610 |
| 08.01.2020 | 10:15 | 10:30 | 2.616 |
| 08.01.2020 | 10:30 | 10:45 | 2.683 |
| 08.01.2020 | 10:45 | 11:00 | 2.740 |
| 08.01.2020 | 11:00 | 11:15 | 2.734 |
| 08.01.2020 | 11:15 | 11:30 | 2.785 |
| 08.01.2020 | 11:30 | 11:45 | 2.764 |
| 08.01.2020 | 11:45 | 12:00 | 2.783 |
| 08.01.2020 | 12:00 | 12:15 | 2.790 |
| 08.01.2020 | 12:15 | 12:30 | 2.806 |
| 08.01.2020 | 12:30 | 12:45 | 2.820 |
| 08.01.2020 | 12:45 | 13:00 | 2.839 |
| 08.01.2020 | 13:00 | 13:15 | 2.793 |
| 08.01.2020 | 13:15 | 13:30 | 2.773 |
| 08.01.2020 | 13:30 | 13:45 | 2.726 |
| 08.01.2020 | 13:45 | 14:00 | 2.716 |
| 08.01.2020 | 14:00 | 14:15 | 2.721 |
| 08.01.2020 | 14:15 | 14:30 | 2.722 |
| 08.01.2020 | 14:30 | 14:45 | 2.669 |
| 08.01.2020 | 14:45 | 15:00 | 2.635 |
| 08.01.2020 | 15:00 | 15:15 | 2.628 |
| 08.01.2020 | 15:15 | 15:30 | 2.652 |
| 08.01.2020 | 15:30 | 15:45 | 2.681 |
| 08.01.2020 | 15:45 | 16:00 | 2.721 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.01.2020 | 16:00 | 16:15 | 2.745 |
| 08.01.2020 | 16:15 | 16:30 | 2.791 |
| 08.01.2020 | 16:30 | 16:45 | 2.820 |
| 08.01.2020 | 16:45 | 17:00 | 2.908 |
| 08.01.2020 | 17:00 | 17:15 | 3.036 |
| 08.01.2020 | 17:15 | 17:30 | 3.102 |
| 08.01.2020 | 17:30 | 17:45 | 3.125 |
| 08.01.2020 | 17:45 | 18:00 | 3.129 |
| 08.01.2020 | 18:00 | 18:15 | 3.131 |
| 08.01.2020 | 18:15 | 18:30 | 3.136 |
| 08.01.2020 | 18:30 | 18:45 | 3.066 |
| 08.01.2020 | 18:45 | 19:00 | 3.035 |
| 08.01.2020 | 19:00 | 19:15 | 2.981 |
| 08.01.2020 | 19:15 | 19:30 | 2.938 |
| 08.01.2020 | 19:30 | 19:45 | 2.832 |
| 08.01.2020 | 19:45 | 20:00 | 2.777 |
| 08.01.2020 | 20:00 | 20:15 | 2.640 |
| 08.01.2020 | 20:15 | 20:30 | 2.519 |
| 08.01.2020 | 20:30 | 20:45 | 2.389 |
| 08.01.2020 | 20:45 | 21:00 | 2.303 |
| 08.01.2020 | 21:00 | 21:15 | 2.212 |
| 08.01.2020 | 21:15 | 21:30 | 2.103 |
| 08.01.2020 | 21:30 | 21:45 | 2.002 |
| 08.01.2020 | 21:45 | 22:00 | 1.913 |
| 08.01.2020 | 22:00 | 22:15 | 1.967 |
| 08.01.2020 | 22:15 | 22:30 | 1.889 |
| 08.01.2020 | 22:30 | 22:45 | 1.783 |
| 08.01.2020 | 22:45 | 23:00 | 1.701 |
| 08.01.2020 | 23:00 | 23:15 | 1.618 |
| 08.01.2020 | 23:15 | 23:30 | 1.563 |
| 08.01.2020 | 23:30 | 23:45 | 1.497 |
| 08.01.2020 | 23:45 | 00:00 | 1.440 |
| 09.01.2020 | 00:00 | 00:15 | 1.388 |
| 09.01.2020 | 00:15 | 00:30 | 1.342 |
| 09.01.2020 | 00:30 | 00:45 | 1.291 |
| 09.01.2020 | 00:45 | 01:00 | 1.250 |
| 09.01.2020 | 01:00 | 01:15 | 1.223 |
| 09.01.2020 | 01:15 | 01:30 | 1.197 |
| 09.01.2020 | 01:30 | 01:45 | 1.162 |
| 09.01.2020 | 01:45 | 02:00 | 1.145 |
| 09.01.2020 | 02:00 | 02:15 | 1.136 |
| 09.01.2020 | 02:15 | 02:30 | 1.116 |
| 09.01.2020 | 02:30 | 02:45 | 1.103 |
| 09.01.2020 | 02:45 | 03:00 | 1.099 |
| 09.01.2020 | 03:00 | 03:15 | 1.088 |
| 09.01.2020 | 03:15 | 03:30 | 1.068 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.01.2020 | 03:30 | 03:45 | 1.074 |
| 09.01.2020 | 03:45 | 04:00 | 1.090 |
| 09.01.2020 | 04:00 | 04:15 | 1.109 |
| 09.01.2020 | 04:15 | 04:30 | 1.123 |
| 09.01.2020 | 04:30 | 04:45 | 1.148 |
| 09.01.2020 | 04:45 | 05:00 | 1.195 |
| 09.01.2020 | 05:00 | 05:15 | 1.277 |
| 09.01.2020 | 05:15 | 05:30 | 1.313 |
| 09.01.2020 | 05:30 | 05:45 | 1.392 |
| 09.01.2020 | 05:45 | 06:00 | 1.501 |
| 09.01.2020 | 06:00 | 06:15 | 1.659 |
| 09.01.2020 | 06:15 | 06:30 | 1.801 |
| 09.01.2020 | 06:30 | 06:45 | 1.929 |
| 09.01.2020 | 06:45 | 07:00 | 2.047 |
| 09.01.2020 | 07:00 | 07:15 | 2.210 |
| 09.01.2020 | 07:15 | 07:30 | 2.308 |
| 09.01.2020 | 07:30 | 07:45 | 2.339 |
| 09.01.2020 | 07:45 | 08:00 | 2.414 |
| 09.01.2020 | 08:00 | 08:15 | 2.509 |
| 09.01.2020 | 08:15 | 08:30 | 2.470 |
| 09.01.2020 | 08:30 | 08:45 | 2.476 |
| 09.01.2020 | 08:45 | 09:00 | 2.469 |
| 09.01.2020 | 09:00 | 09:15 | 2.508 |
| 09.01.2020 | 09:15 | 09:30 | 2.525 |
| 09.01.2020 | 09:30 | 09:45 | 2.539 |
| 09.01.2020 | 09:45 | 10:00 | 2.569 |
| 09.01.2020 | 10:00 | 10:15 | 2.602 |
| 09.01.2020 | 10:15 | 10:30 | 2.622 |
| 09.01.2020 | 10:30 | 10:45 | 2.640 |
| 09.01.2020 | 10:45 | 11:00 | 2.665 |
| 09.01.2020 | 11:00 | 11:15 | 2.684 |
| 09.01.2020 | 11:15 | 11:30 | 2.685 |
| 09.01.2020 | 11:30 | 11:45 | 2.712 |
| 09.01.2020 | 11:45 | 12:00 | 2.772 |
| 09.01.2020 | 12:00 | 12:15 | 2.790 |
| 09.01.2020 | 12:15 | 12:30 | 2.789 |
| 09.01.2020 | 12:30 | 12:45 | 2.788 |
| 09.01.2020 | 12:45 | 13:00 | 2.800 |
| 09.01.2020 | 13:00 | 13:15 | 2.802 |
| 09.01.2020 | 13:15 | 13:30 | 2.782 |
| 09.01.2020 | 13:30 | 13:45 | 2.739 |
| 09.01.2020 | 13:45 | 14:00 | 2.689 |
| 09.01.2020 | 14:00 | 14:15 | 2.659 |
| 09.01.2020 | 14:15 | 14:30 | 2.664 |
| 09.01.2020 | 14:30 | 14:45 | 2.611 |
| 09.01.2020 | 14:45 | 15:00 | 2.588 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.01.2020 | 15:00 | 15:15 | 2.599 |
| 09.01.2020 | 15:15 | 15:30 | 2.603 |
| 09.01.2020 | 15:30 | 15:45 | 2.573 |
| 09.01.2020 | 15:45 | 16:00 | 2.573 |
| 09.01.2020 | 16:00 | 16:15 | 2.629 |
| 09.01.2020 | 16:15 | 16:30 | 2.706 |
| 09.01.2020 | 16:30 | 16:45 | 2.755 |
| 09.01.2020 | 16:45 | 17:00 | 2.810 |
| 09.01.2020 | 17:00 | 17:15 | 2.993 |
| 09.01.2020 | 17:15 | 17:30 | 3.028 |
| 09.01.2020 | 17:30 | 17:45 | 3.058 |
| 09.01.2020 | 17:45 | 18:00 | 3.075 |
| 09.01.2020 | 18:00 | 18:15 | 3.029 |
| 09.01.2020 | 18:15 | 18:30 | 3.036 |
| 09.01.2020 | 18:30 | 18:45 | 3.012 |
| 09.01.2020 | 18:45 | 19:00 | 3.017 |
| 09.01.2020 | 19:00 | 19:15 | 2.976 |
| 09.01.2020 | 19:15 | 19:30 | 2.894 |
| 09.01.2020 | 19:30 | 19:45 | 2.784 |
| 09.01.2020 | 19:45 | 20:00 | 2.715 |
| 09.01.2020 | 20:00 | 20:15 | 2.609 |
| 09.01.2020 | 20:15 | 20:30 | 2.501 |
| 09.01.2020 | 20:30 | 20:45 | 2.375 |
| 09.01.2020 | 20:45 | 21:00 | 2.270 |
| 09.01.2020 | 21:00 | 21:15 | 2.169 |
| 09.01.2020 | 21:15 | 21:30 | 2.046 |
| 09.01.2020 | 21:30 | 21:45 | 1.944 |
| 09.01.2020 | 21:45 | 22:00 | 1.880 |
| 09.01.2020 | 22:00 | 22:15 | 1.893 |
| 09.01.2020 | 22:15 | 22:30 | 1.829 |
| 09.01.2020 | 22:30 | 22:45 | 1.751 |
| 09.01.2020 | 22:45 | 23:00 | 1.694 |
| 09.01.2020 | 23:00 | 23:15 | 1.604 |
| 09.01.2020 | 23:15 | 23:30 | 1.557 |
| 09.01.2020 | 23:30 | 23:45 | 1.500 |
| 09.01.2020 | 23:45 | 00:00 | 1.424 |
| 10.01.2020 | 00:00 | 00:15 | 1.365 |
| 10.01.2020 | 00:15 | 00:30 | 1.315 |
| 10.01.2020 | 00:30 | 00:45 | 1.276 |
| 10.01.2020 | 00:45 | 01:00 | 1.242 |
| 10.01.2020 | 01:00 | 01:15 | 1.213 |
| 10.01.2020 | 01:15 | 01:30 | 1.189 |
| 10.01.2020 | 01:30 | 01:45 | 1.157 |
| 10.01.2020 | 01:45 | 02:00 | 1.128 |
| 10.01.2020 | 02:00 | 02:15 | 1.121 |
| 10.01.2020 | 02:15 | 02:30 | 1.103 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.01.2020 | 02:30 | 02:45 | 1.090 |
| 10.01.2020 | 02:45 | 03:00 | 1.086 |
| 10.01.2020 | 03:00 | 03:15 | 1.080 |
| 10.01.2020 | 03:15 | 03:30 | 1.073 |
| 10.01.2020 | 03:30 | 03:45 | 1.063 |
| 10.01.2020 | 03:45 | 04:00 | 1.065 |
| 10.01.2020 | 04:00 | 04:15 | 1.104 |
| 10.01.2020 | 04:15 | 04:30 | 1.124 |
| 10.01.2020 | 04:30 | 04:45 | 1.150 |
| 10.01.2020 | 04:45 | 05:00 | 1.213 |
| 10.01.2020 | 05:00 | 05:15 | 1.271 |
| 10.01.2020 | 05:15 | 05:30 | 1.325 |
| 10.01.2020 | 05:30 | 05:45 | 1.382 |
| 10.01.2020 | 05:45 | 06:00 | 1.499 |
| 10.01.2020 | 06:00 | 06:15 | 1.622 |
| 10.01.2020 | 06:15 | 06:30 | 1.774 |
| 10.01.2020 | 06:30 | 06:45 | 1.910 |
| 10.01.2020 | 06:45 | 07:00 | 2.052 |
| 10.01.2020 | 07:00 | 07:15 | 2.211 |
| 10.01.2020 | 07:15 | 07:30 | 2.305 |
| 10.01.2020 | 07:30 | 07:45 | 2.333 |
| 10.01.2020 | 07:45 | 08:00 | 2.391 |
| 10.01.2020 | 08:00 | 08:15 | 2.478 |
| 10.01.2020 | 08:15 | 08:30 | 2.470 |
| 10.01.2020 | 08:30 | 08:45 | 2.496 |
| 10.01.2020 | 08:45 | 09:00 | 2.482 |
| 10.01.2020 | 09:00 | 09:15 | 2.466 |
| 10.01.2020 | 09:15 | 09:30 | 2.505 |
| 10.01.2020 | 09:30 | 09:45 | 2.553 |
| 10.01.2020 | 09:45 | 10:00 | 2.593 |
| 10.01.2020 | 10:00 | 10:15 | 2.627 |
| 10.01.2020 | 10:15 | 10:30 | 2.634 |
| 10.01.2020 | 10:30 | 10:45 | 2.656 |
| 10.01.2020 | 10:45 | 11:00 | 2.654 |
| 10.01.2020 | 11:00 | 11:15 | 2.661 |
| 10.01.2020 | 11:15 | 11:30 | 2.704 |
| 10.01.2020 | 11:30 | 11:45 | 2.775 |
| 10.01.2020 | 11:45 | 12:00 | 2.807 |
| 10.01.2020 | 12:00 | 12:15 | 2.846 |
| 10.01.2020 | 12:15 | 12:30 | 2.826 |
| 10.01.2020 | 12:30 | 12:45 | 2.817 |
| 10.01.2020 | 12:45 | 13:00 | 2.819 |
| 10.01.2020 | 13:00 | 13:15 | 2.821 |
| 10.01.2020 | 13:15 | 13:30 | 2.797 |
| 10.01.2020 | 13:30 | 13:45 | 2.780 |
| 10.01.2020 | 13:45 | 14:00 | 2.781 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.01.2020 | 14:00 | 14:15 | 2.754 |
| 10.01.2020 | 14:15 | 14:30 | 2.752 |
| 10.01.2020 | 14:30 | 14:45 | 2.696 |
| 10.01.2020 | 14:45 | 15:00 | 2.673 |
| 10.01.2020 | 15:00 | 15:15 | 2.682 |
| 10.01.2020 | 15:15 | 15:30 | 2.620 |
| 10.01.2020 | 15:30 | 15:45 | 2.613 |
| 10.01.2020 | 15:45 | 16:00 | 2.578 |
| 10.01.2020 | 16:00 | 16:15 | 2.611 |
| 10.01.2020 | 16:15 | 16:30 | 2.672 |
| 10.01.2020 | 16:30 | 16:45 | 2.732 |
| 10.01.2020 | 16:45 | 17:00 | 2.744 |
| 10.01.2020 | 17:00 | 17:15 | 2.945 |
| 10.01.2020 | 17:15 | 17:30 | 3.028 |
| 10.01.2020 | 17:30 | 17:45 | 3.012 |
| 10.01.2020 | 17:45 | 18:00 | 3.010 |
| 10.01.2020 | 18:00 | 18:15 | 3.007 |
| 10.01.2020 | 18:15 | 18:30 | 3.004 |
| 10.01.2020 | 18:30 | 18:45 | 2.960 |
| 10.01.2020 | 18:45 | 19:00 | 2.938 |
| 10.01.2020 | 19:00 | 19:15 | 2.880 |
| 10.01.2020 | 19:15 | 19:30 | 2.832 |
| 10.01.2020 | 19:30 | 19:45 | 2.755 |
| 10.01.2020 | 19:45 | 20:00 | 2.686 |
| 10.01.2020 | 20:00 | 20:15 | 2.585 |
| 10.01.2020 | 20:15 | 20:30 | 2.481 |
| 10.01.2020 | 20:30 | 20:45 | 2.377 |
| 10.01.2020 | 20:45 | 21:00 | 2.287 |
| 10.01.2020 | 21:00 | 21:15 | 2.174 |
| 10.01.2020 | 21:15 | 21:30 | 2.048 |
| 10.01.2020 | 21:30 | 21:45 | 1.991 |
| 10.01.2020 | 21:45 | 22:00 | 1.920 |
| 10.01.2020 | 22:00 | 22:15 | 1.945 |
| 10.01.2020 | 22:15 | 22:30 | 1.893 |
| 10.01.2020 | 22:30 | 22:45 | 1.895 |
| 10.01.2020 | 22:45 | 23:00 | 1.799 |
| 10.01.2020 | 23:00 | 23:15 | 1.729 |
| 10.01.2020 | 23:15 | 23:30 | 1.699 |
| 10.01.2020 | 23:30 | 23:45 | 1.618 |
| 10.01.2020 | 23:45 | 00:00 | 1.542 |
| 11.01.2020 | 00:00 | 00:15 | 1.468 |
| 11.01.2020 | 00:15 | 00:30 | 1.420 |
| 11.01.2020 | 00:30 | 00:45 | 1.374 |
| 11.01.2020 | 00:45 | 01:00 | 1.338 |
| 11.01.2020 | 01:00 | 01:15 | 1.287 |
| 11.01.2020 | 01:15 | 01:30 | 1.255 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.01.2020 | 01:30 | 01:45 | 1.213 |
| 11.01.2020 | 01:45 | 02:00 | 1.182 |
| 11.01.2020 | 02:00 | 02:15 | 1.187 |
| 11.01.2020 | 02:15 | 02:30 | 1.157 |
| 11.01.2020 | 02:30 | 02:45 | 1.135 |
| 11.01.2020 | 02:45 | 03:00 | 1.114 |
| 11.01.2020 | 03:00 | 03:15 | 1.116 |
| 11.01.2020 | 03:15 | 03:30 | 1.106 |
| 11.01.2020 | 03:30 | 03:45 | 1.093 |
| 11.01.2020 | 03:45 | 04:00 | 1.094 |
| 11.01.2020 | 04:00 | 04:15 | 1.098 |
| 11.01.2020 | 04:15 | 04:30 | 1.102 |
| 11.01.2020 | 04:30 | 04:45 | 1.112 |
| 11.01.2020 | 04:45 | 05:00 | 1.131 |
| 11.01.2020 | 05:00 | 05:15 | 1.147 |
| 11.01.2020 | 05:15 | 05:30 | 1.152 |
| 11.01.2020 | 05:30 | 05:45 | 1.152 |
| 11.01.2020 | 05:45 | 06:00 | 1.175 |
| 11.01.2020 | 06:00 | 06:15 | 1.171 |
| 11.01.2020 | 06:15 | 06:30 | 1.212 |
| 11.01.2020 | 06:30 | 06:45 | 1.258 |
| 11.01.2020 | 06:45 | 07:00 | 1.313 |
| 11.01.2020 | 07:00 | 07:15 | 1.372 |
| 11.01.2020 | 07:15 | 07:30 | 1.416 |
| 11.01.2020 | 07:30 | 07:45 | 1.483 |
| 11.01.2020 | 07:45 | 08:00 | 1.546 |
| 11.01.2020 | 08:00 | 08:15 | 1.592 |
| 11.01.2020 | 08:15 | 08:30 | 1.636 |
| 11.01.2020 | 08:30 | 08:45 | 1.699 |
| 11.01.2020 | 08:45 | 09:00 | 1.766 |
| 11.01.2020 | 09:00 | 09:15 | 1.822 |
| 11.01.2020 | 09:15 | 09:30 | 1.907 |
| 11.01.2020 | 09:30 | 09:45 | 1.987 |
| 11.01.2020 | 09:45 | 10:00 | 2.086 |
| 11.01.2020 | 10:00 | 10:15 | 2.146 |
| 11.01.2020 | 10:15 | 10:30 | 2.135 |
| 11.01.2020 | 10:30 | 10:45 | 2.153 |
| 11.01.2020 | 10:45 | 11:00 | 2.178 |
| 11.01.2020 | 11:00 | 11:15 | 2.213 |
| 11.01.2020 | 11:15 | 11:30 | 2.287 |
| 11.01.2020 | 11:30 | 11:45 | 2.269 |
| 11.01.2020 | 11:45 | 12:00 | 2.254 |
| 11.01.2020 | 12:00 | 12:15 | 2.267 |
| 11.01.2020 | 12:15 | 12:30 | 2.293 |
| 11.01.2020 | 12:30 | 12:45 | 2.290 |
| 11.01.2020 | 12:45 | 13:00 | 2.291 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.01.2020 | 13:00 | 13:15 | 2.291 |
| 11.01.2020 | 13:15 | 13:30 | 2.289 |
| 11.01.2020 | 13:30 | 13:45 | 2.274 |
| 11.01.2020 | 13:45 | 14:00 | 2.253 |
| 11.01.2020 | 14:00 | 14:15 | 2.221 |
| 11.01.2020 | 14:15 | 14:30 | 2.181 |
| 11.01.2020 | 14:30 | 14:45 | 2.122 |
| 11.01.2020 | 14:45 | 15:00 | 2.066 |
| 11.01.2020 | 15:00 | 15:15 | 2.084 |
| 11.01.2020 | 15:15 | 15:30 | 2.111 |
| 11.01.2020 | 15:30 | 15:45 | 2.112 |
| 11.01.2020 | 15:45 | 16:00 | 2.090 |
| 11.01.2020 | 16:00 | 16:15 | 2.130 |
| 11.01.2020 | 16:15 | 16:30 | 2.171 |
| 11.01.2020 | 16:30 | 16:45 | 2.213 |
| 11.01.2020 | 16:45 | 17:00 | 2.249 |
| 11.01.2020 | 17:00 | 17:15 | 2.435 |
| 11.01.2020 | 17:15 | 17:30 | 2.533 |
| 11.01.2020 | 17:30 | 17:45 | 2.549 |
| 11.01.2020 | 17:45 | 18:00 | 2.582 |
| 11.01.2020 | 18:00 | 18:15 | 2.517 |
| 11.01.2020 | 18:15 | 18:30 | 2.505 |
| 11.01.2020 | 18:30 | 18:45 | 2.473 |
| 11.01.2020 | 18:45 | 19:00 | 2.402 |
| 11.01.2020 | 19:00 | 19:15 | 2.367 |
| 11.01.2020 | 19:15 | 19:30 | 2.348 |
| 11.01.2020 | 19:30 | 19:45 | 2.271 |
| 11.01.2020 | 19:45 | 20:00 | 2.216 |
| 11.01.2020 | 20:00 | 20:15 | 2.140 |
| 11.01.2020 | 20:15 | 20:30 | 2.036 |
| 11.01.2020 | 20:30 | 20:45 | 1.943 |
| 11.01.2020 | 20:45 | 21:00 | 1.890 |
| 11.01.2020 | 21:00 | 21:15 | 1.802 |
| 11.01.2020 | 21:15 | 21:30 | 1.746 |
| 11.01.2020 | 21:30 | 21:45 | 1.690 |
| 11.01.2020 | 21:45 | 22:00 | 1.652 |
| 11.01.2020 | 22:00 | 22:15 | 1.754 |
| 11.01.2020 | 22:15 | 22:30 | 1.691 |
| 11.01.2020 | 22:30 | 22:45 | 1.640 |
| 11.01.2020 | 22:45 | 23:00 | 1.589 |
| 11.01.2020 | 23:00 | 23:15 | 1.517 |
| 11.01.2020 | 23:15 | 23:30 | 1.487 |
| 11.01.2020 | 23:30 | 23:45 | 1.433 |
| 11.01.2020 | 23:45 | 00:00 | 1.379 |
| 12.01.2020 | 00:00 | 00:15 | 1.324 |
| 12.01.2020 | 00:15 | 00:30 | 1.270 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.01.2020 | 00:30 | 00:45 | 1.223 |
| 12.01.2020 | 00:45 | 01:00 | 1.182 |
| 12.01.2020 | 01:00 | 01:15 | 1.142 |
| 12.01.2020 | 01:15 | 01:30 | 1.104 |
| 12.01.2020 | 01:30 | 01:45 | 1.081 |
| 12.01.2020 | 01:45 | 02:00 | 1.061 |
| 12.01.2020 | 02:00 | 02:15 | 1.045 |
| 12.01.2020 | 02:15 | 02:30 | 1.022 |
| 12.01.2020 | 02:30 | 02:45 | 1.009 |
| 12.01.2020 | 02:45 | 03:00 | 1.003 |
| 12.01.2020 | 03:00 | 03:15 | 999 |
| 12.01.2020 | 03:15 | 03:30 | 992 |
| 12.01.2020 | 03:30 | 03:45 | 986 |
| 12.01.2020 | 03:45 | 04:00 | 977 |
| 12.01.2020 | 04:00 | 04:15 | 982 |
| 12.01.2020 | 04:15 | 04:30 | 985 |
| 12.01.2020 | 04:30 | 04:45 | 989 |
| 12.01.2020 | 04:45 | 05:00 | 989 |
| 12.01.2020 | 05:00 | 05:15 | 995 |
| 12.01.2020 | 05:15 | 05:30 | 999 |
| 12.01.2020 | 05:30 | 05:45 | 1.001 |
| 12.01.2020 | 05:45 | 06:00 | 1.014 |
| 12.01.2020 | 06:00 | 06:15 | 1.014 |
| 12.01.2020 | 06:15 | 06:30 | 1.025 |
| 12.01.2020 | 06:30 | 06:45 | 1.046 |
| 12.01.2020 | 06:45 | 07:00 | 1.064 |
| 12.01.2020 | 07:00 | 07:15 | 1.107 |
| 12.01.2020 | 07:15 | 07:30 | 1.141 |
| 12.01.2020 | 07:30 | 07:45 | 1.189 |
| 12.01.2020 | 07:45 | 08:00 | 1.233 |
| 12.01.2020 | 08:00 | 08:15 | 1.267 |
| 12.01.2020 | 08:15 | 08:30 | 1.307 |
| 12.01.2020 | 08:30 | 08:45 | 1.354 |
| 12.01.2020 | 08:45 | 09:00 | 1.421 |
| 12.01.2020 | 09:00 | 09:15 | 1.498 |
| 12.01.2020 | 09:15 | 09:30 | 1.567 |
| 12.01.2020 | 09:30 | 09:45 | 1.623 |
| 12.01.2020 | 09:45 | 10:00 | 1.667 |
| 12.01.2020 | 10:00 | 10:15 | 1.769 |
| 12.01.2020 | 10:15 | 10:30 | 1.815 |
| 12.01.2020 | 10:30 | 10:45 | 1.884 |
| 12.01.2020 | 10:45 | 11:00 | 1.922 |
| 12.01.2020 | 11:00 | 11:15 | 1.978 |
| 12.01.2020 | 11:15 | 11:30 | 2.064 |
| 12.01.2020 | 11:30 | 11:45 | 2.122 |
| 12.01.2020 | 11:45 | 12:00 | 2.169 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.01.2020 | 12:00 | 12:15 | 2.218 |
| 12.01.2020 | 12:15 | 12:30 | 2.222 |
| 12.01.2020 | 12:30 | 12:45 | 2.247 |
| 12.01.2020 | 12:45 | 13:00 | 2.245 |
| 12.01.2020 | 13:00 | 13:15 | 2.258 |
| 12.01.2020 | 13:15 | 13:30 | 2.212 |
| 12.01.2020 | 13:30 | 13:45 | 2.175 |
| 12.01.2020 | 13:45 | 14:00 | 2.122 |
| 12.01.2020 | 14:00 | 14:15 | 2.080 |
| 12.01.2020 | 14:15 | 14:30 | 2.086 |
| 12.01.2020 | 14:30 | 14:45 | 2.062 |
| 12.01.2020 | 14:45 | 15:00 | 2.057 |
| 12.01.2020 | 15:00 | 15:15 | 2.039 |
| 12.01.2020 | 15:15 | 15:30 | 2.051 |
| 12.01.2020 | 15:30 | 15:45 | 2.068 |
| 12.01.2020 | 15:45 | 16:00 | 2.104 |
| 12.01.2020 | 16:00 | 16:15 | 2.114 |
| 12.01.2020 | 16:15 | 16:30 | 2.108 |
| 12.01.2020 | 16:30 | 16:45 | 2.167 |
| 12.01.2020 | 16:45 | 17:00 | 2.178 |
| 12.01.2020 | 17:00 | 17:15 | 2.272 |
| 12.01.2020 | 17:15 | 17:30 | 2.343 |
| 12.01.2020 | 17:30 | 17:45 | 2.378 |
| 12.01.2020 | 17:45 | 18:00 | 2.350 |
| 12.01.2020 | 18:00 | 18:15 | 2.347 |
| 12.01.2020 | 18:15 | 18:30 | 2.351 |
| 12.01.2020 | 18:30 | 18:45 | 2.333 |
| 12.01.2020 | 18:45 | 19:00 | 2.323 |
| 12.01.2020 | 19:00 | 19:15 | 2.261 |
| 12.01.2020 | 19:15 | 19:30 | 2.252 |
| 12.01.2020 | 19:30 | 19:45 | 2.201 |
| 12.01.2020 | 19:45 | 20:00 | 2.130 |
| 12.01.2020 | 20:00 | 20:15 | 2.045 |
| 12.01.2020 | 20:15 | 20:30 | 1.991 |
| 12.01.2020 | 20:30 | 20:45 | 1.882 |
| 12.01.2020 | 20:45 | 21:00 | 1.820 |
| 12.01.2020 | 21:00 | 21:15 | 1.772 |
| 12.01.2020 | 21:15 | 21:30 | 1.714 |
| 12.01.2020 | 21:30 | 21:45 | 1.642 |
| 12.01.2020 | 21:45 | 22:00 | 1.632 |
| 12.01.2020 | 22:00 | 22:15 | 1.705 |
| 12.01.2020 | 22:15 | 22:30 | 1.642 |
| 12.01.2020 | 22:30 | 22:45 | 1.560 |
| 12.01.2020 | 22:45 | 23:00 | 1.516 |
| 12.01.2020 | 23:00 | 23:15 | 1.449 |
| 12.01.2020 | 23:15 | 23:30 | 1.404 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.01.2020 | 23:30 | 23:45 | 1.350 |
| 12.01.2020 | 23:45 | 00:00 | 1.290 |
| 13.01.2020 | 00:00 | 00:15 | 1.228 |
| 13.01.2020 | 00:15 | 00:30 | 1.185 |
| 13.01.2020 | 00:30 | 00:45 | 1.150 |
| 13.01.2020 | 00:45 | 01:00 | 1.116 |
| 13.01.2020 | 01:00 | 01:15 | 1.087 |
| 13.01.2020 | 01:15 | 01:30 | 1.064 |
| 13.01.2020 | 01:30 | 01:45 | 1.045 |
| 13.01.2020 | 01:45 | 02:00 | 1.030 |
| 13.01.2020 | 02:00 | 02:15 | 1.025 |
| 13.01.2020 | 02:15 | 02:30 | 1.016 |
| 13.01.2020 | 02:30 | 02:45 | 996 |
| 13.01.2020 | 02:45 | 03:00 | 992 |
| 13.01.2020 | 03:00 | 03:15 | 1.000 |
| 13.01.2020 | 03:15 | 03:30 | 1.003 |
| 13.01.2020 | 03:30 | 03:45 | 1.008 |
| 13.01.2020 | 03:45 | 04:00 | 1.015 |
| 13.01.2020 | 04:00 | 04:15 | 1.042 |
| 13.01.2020 | 04:15 | 04:30 | 1.065 |
| 13.01.2020 | 04:30 | 04:45 | 1.079 |
| 13.01.2020 | 04:45 | 05:00 | 1.106 |
| 13.01.2020 | 05:00 | 05:15 | 1.189 |
| 13.01.2020 | 05:15 | 05:30 | 1.243 |
| 13.01.2020 | 05:30 | 05:45 | 1.326 |
| 13.01.2020 | 05:45 | 06:00 | 1.430 |
| 13.01.2020 | 06:00 | 06:15 | 1.602 |
| 13.01.2020 | 06:15 | 06:30 | 1.781 |
| 13.01.2020 | 06:30 | 06:45 | 1.918 |
| 13.01.2020 | 06:45 | 07:00 | 2.082 |
| 13.01.2020 | 07:00 | 07:15 | 2.209 |
| 13.01.2020 | 07:15 | 07:30 | 2.275 |
| 13.01.2020 | 07:30 | 07:45 | 2.352 |
| 13.01.2020 | 07:45 | 08:00 | 2.399 |
| 13.01.2020 | 08:00 | 08:15 | 2.470 |
| 13.01.2020 | 08:15 | 08:30 | 2.501 |
| 13.01.2020 | 08:30 | 08:45 | 2.518 |
| 13.01.2020 | 08:45 | 09:00 | 2.531 |
| 13.01.2020 | 09:00 | 09:15 | 2.533 |
| 13.01.2020 | 09:15 | 09:30 | 2.529 |
| 13.01.2020 | 09:30 | 09:45 | 2.547 |
| 13.01.2020 | 09:45 | 10:00 | 2.599 |
| 13.01.2020 | 10:00 | 10:15 | 2.578 |
| 13.01.2020 | 10:15 | 10:30 | 2.594 |
| 13.01.2020 | 10:30 | 10:45 | 2.600 |
| 13.01.2020 | 10:45 | 11:00 | 2.629 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.01.2020 | 11:00 | 11:15 | 2.635 |
| 13.01.2020 | 11:15 | 11:30 | 2.669 |
| 13.01.2020 | 11:30 | 11:45 | 2.670 |
| 13.01.2020 | 11:45 | 12:00 | 2.685 |
| 13.01.2020 | 12:00 | 12:15 | 2.753 |
| 13.01.2020 | 12:15 | 12:30 | 2.763 |
| 13.01.2020 | 12:30 | 12:45 | 2.778 |
| 13.01.2020 | 12:45 | 13:00 | 2.794 |
| 13.01.2020 | 13:00 | 13:15 | 2.807 |
| 13.01.2020 | 13:15 | 13:30 | 2.778 |
| 13.01.2020 | 13:30 | 13:45 | 2.716 |
| 13.01.2020 | 13:45 | 14:00 | 2.680 |
| 13.01.2020 | 14:00 | 14:15 | 2.655 |
| 13.01.2020 | 14:15 | 14:30 | 2.619 |
| 13.01.2020 | 14:30 | 14:45 | 2.587 |
| 13.01.2020 | 14:45 | 15:00 | 2.556 |
| 13.01.2020 | 15:00 | 15:15 | 2.565 |
| 13.01.2020 | 15:15 | 15:30 | 2.553 |
| 13.01.2020 | 15:30 | 15:45 | 2.524 |
| 13.01.2020 | 15:45 | 16:00 | 2.495 |
| 13.01.2020 | 16:00 | 16:15 | 2.523 |
| 13.01.2020 | 16:15 | 16:30 | 2.549 |
| 13.01.2020 | 16:30 | 16:45 | 2.568 |
| 13.01.2020 | 16:45 | 17:00 | 2.753 |
| 13.01.2020 | 17:00 | 17:15 | 2.928 |
| 13.01.2020 | 17:15 | 17:30 | 3.054 |
| 13.01.2020 | 17:30 | 17:45 | 3.052 |
| 13.01.2020 | 17:45 | 18:00 | 3.072 |
| 13.01.2020 | 18:00 | 18:15 | 3.102 |
| 13.01.2020 | 18:15 | 18:30 | 3.100 |
| 13.01.2020 | 18:30 | 18:45 | 3.099 |
| 13.01.2020 | 18:45 | 19:00 | 3.096 |
| 13.01.2020 | 19:00 | 19:15 | 3.014 |
| 13.01.2020 | 19:15 | 19:30 | 2.942 |
| 13.01.2020 | 19:30 | 19:45 | 2.871 |
| 13.01.2020 | 19:45 | 20:00 | 2.790 |
| 13.01.2020 | 20:00 | 20:15 | 2.670 |
| 13.01.2020 | 20:15 | 20:30 | 2.525 |
| 13.01.2020 | 20:30 | 20:45 | 2.401 |
| 13.01.2020 | 20:45 | 21:00 | 2.316 |
| 13.01.2020 | 21:00 | 21:15 | 2.195 |
| 13.01.2020 | 21:15 | 21:30 | 2.082 |
| 13.01.2020 | 21:30 | 21:45 | 1.995 |
| 13.01.2020 | 21:45 | 22:00 | 1.912 |
| 13.01.2020 | 22:00 | 22:15 | 1.943 |
| 13.01.2020 | 22:15 | 22:30 | 1.864 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.01.2020 | 22:30 | 22:45 | 1.766 |
| 13.01.2020 | 22:45 | 23:00 | 1.710 |
| 13.01.2020 | 23:00 | 23:15 | 1.618 |
| 13.01.2020 | 23:15 | 23:30 | 1.572 |
| 13.01.2020 | 23:30 | 23:45 | 1.504 |
| 13.01.2020 | 23:45 | 00:00 | 1.432 |
| 14.01.2020 | 00:00 | 00:15 | 1.376 |
| 14.01.2020 | 00:15 | 00:30 | 1.331 |
| 14.01.2020 | 00:30 | 00:45 | 1.279 |
| 14.01.2020 | 00:45 | 01:00 | 1.244 |
| 14.01.2020 | 01:00 | 01:15 | 1.210 |
| 14.01.2020 | 01:15 | 01:30 | 1.186 |
| 14.01.2020 | 01:30 | 01:45 | 1.161 |
| 14.01.2020 | 01:45 | 02:00 | 1.151 |
| 14.01.2020 | 02:00 | 02:15 | 1.136 |
| 14.01.2020 | 02:15 | 02:30 | 1.109 |
| 14.01.2020 | 02:30 | 02:45 | 1.102 |
| 14.01.2020 | 02:45 | 03:00 | 1.098 |
| 14.01.2020 | 03:00 | 03:15 | 1.092 |
| 14.01.2020 | 03:15 | 03:30 | 1.076 |
| 14.01.2020 | 03:30 | 03:45 | 1.076 |
| 14.01.2020 | 03:45 | 04:00 | 1.092 |
| 14.01.2020 | 04:00 | 04:15 | 1.118 |
| 14.01.2020 | 04:15 | 04:30 | 1.141 |
| 14.01.2020 | 04:30 | 04:45 | 1.172 |
| 14.01.2020 | 04:45 | 05:00 | 1.215 |
| 14.01.2020 | 05:00 | 05:15 | 1.283 |
| 14.01.2020 | 05:15 | 05:30 | 1.337 |
| 14.01.2020 | 05:30 | 05:45 | 1.409 |
| 14.01.2020 | 05:45 | 06:00 | 1.511 |
| 14.01.2020 | 06:00 | 06:15 | 1.657 |
| 14.01.2020 | 06:15 | 06:30 | 1.820 |
| 14.01.2020 | 06:30 | 06:45 | 1.942 |
| 14.01.2020 | 06:45 | 07:00 | 2.058 |
| 14.01.2020 | 07:00 | 07:15 | 2.220 |
| 14.01.2020 | 07:15 | 07:30 | 2.286 |
| 14.01.2020 | 07:30 | 07:45 | 2.343 |
| 14.01.2020 | 07:45 | 08:00 | 2.395 |
| 14.01.2020 | 08:00 | 08:15 | 2.507 |
| 14.01.2020 | 08:15 | 08:30 | 2.495 |
| 14.01.2020 | 08:30 | 08:45 | 2.495 |
| 14.01.2020 | 08:45 | 09:00 | 2.539 |
| 14.01.2020 | 09:00 | 09:15 | 2.533 |
| 14.01.2020 | 09:15 | 09:30 | 2.588 |
| 14.01.2020 | 09:30 | 09:45 | 2.665 |
| 14.01.2020 | 09:45 | 10:00 | 2.665 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.01.2020 | 10:00 | 10:15 | 2.655 |
| 14.01.2020 | 10:15 | 10:30 | 2.728 |
| 14.01.2020 | 10:30 | 10:45 | 2.735 |
| 14.01.2020 | 10:45 | 11:00 | 2.751 |
| 14.01.2020 | 11:00 | 11:15 | 2.774 |
| 14.01.2020 | 11:15 | 11:30 | 2.821 |
| 14.01.2020 | 11:30 | 11:45 | 2.800 |
| 14.01.2020 | 11:45 | 12:00 | 2.821 |
| 14.01.2020 | 12:00 | 12:15 | 2.859 |
| 14.01.2020 | 12:15 | 12:30 | 2.887 |
| 14.01.2020 | 12:30 | 12:45 | 2.888 |
| 14.01.2020 | 12:45 | 13:00 | 2.870 |
| 14.01.2020 | 13:00 | 13:15 | 2.912 |
| 14.01.2020 | 13:15 | 13:30 | 2.881 |
| 14.01.2020 | 13:30 | 13:45 | 2.827 |
| 14.01.2020 | 13:45 | 14:00 | 2.808 |
| 14.01.2020 | 14:00 | 14:15 | 2.788 |
| 14.01.2020 | 14:15 | 14:30 | 2.722 |
| 14.01.2020 | 14:30 | 14:45 | 2.682 |
| 14.01.2020 | 14:45 | 15:00 | 2.636 |
| 14.01.2020 | 15:00 | 15:15 | 2.622 |
| 14.01.2020 | 15:15 | 15:30 | 2.596 |
| 14.01.2020 | 15:30 | 15:45 | 2.603 |
| 14.01.2020 | 15:45 | 16:00 | 2.627 |
| 14.01.2020 | 16:00 | 16:15 | 2.660 |
| 14.01.2020 | 16:15 | 16:30 | 2.701 |
| 14.01.2020 | 16:30 | 16:45 | 2.779 |
| 14.01.2020 | 16:45 | 17:00 | 2.851 |
| 14.01.2020 | 17:00 | 17:15 | 3.016 |
| 14.01.2020 | 17:15 | 17:30 | 3.033 |
| 14.01.2020 | 17:30 | 17:45 | 3.024 |
| 14.01.2020 | 17:45 | 18:00 | 3.034 |
| 14.01.2020 | 18:00 | 18:15 | 3.097 |
| 14.01.2020 | 18:15 | 18:30 | 3.125 |
| 14.01.2020 | 18:30 | 18:45 | 3.087 |
| 14.01.2020 | 18:45 | 19:00 | 3.032 |
| 14.01.2020 | 19:00 | 19:15 | 2.998 |
| 14.01.2020 | 19:15 | 19:30 | 2.935 |
| 14.01.2020 | 19:30 | 19:45 | 2.848 |
| 14.01.2020 | 19:45 | 20:00 | 2.782 |
| 14.01.2020 | 20:00 | 20:15 | 2.656 |
| 14.01.2020 | 20:15 | 20:30 | 2.541 |
| 14.01.2020 | 20:30 | 20:45 | 2.439 |
| 14.01.2020 | 20:45 | 21:00 | 2.343 |
| 14.01.2020 | 21:00 | 21:15 | 2.207 |
| 14.01.2020 | 21:15 | 21:30 | 2.082 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.01.2020 | 21:30 | 21:45 | 1.980 |
| 14.01.2020 | 21:45 | 22:00 | 1.880 |
| 14.01.2020 | 22:00 | 22:15 | 1.902 |
| 14.01.2020 | 22:15 | 22:30 | 1.849 |
| 14.01.2020 | 22:30 | 22:45 | 1.769 |
| 14.01.2020 | 22:45 | 23:00 | 1.680 |
| 14.01.2020 | 23:00 | 23:15 | 1.606 |
| 14.01.2020 | 23:15 | 23:30 | 1.553 |
| 14.01.2020 | 23:30 | 23:45 | 1.491 |
| 14.01.2020 | 23:45 | 00:00 | 1.420 |
| 15.01.2020 | 00:00 | 00:15 | 1.376 |
| 15.01.2020 | 00:15 | 00:30 | 1.339 |
| 15.01.2020 | 00:30 | 00:45 | 1.291 |
| 15.01.2020 | 00:45 | 01:00 | 1.245 |
| 15.01.2020 | 01:00 | 01:15 | 1.223 |
| 15.01.2020 | 01:15 | 01:30 | 1.187 |
| 15.01.2020 | 01:30 | 01:45 | 1.155 |
| 15.01.2020 | 01:45 | 02:00 | 1.140 |
| 15.01.2020 | 02:00 | 02:15 | 1.127 |
| 15.01.2020 | 02:15 | 02:30 | 1.105 |
| 15.01.2020 | 02:30 | 02:45 | 1.103 |
| 15.01.2020 | 02:45 | 03:00 | 1.089 |
| 15.01.2020 | 03:00 | 03:15 | 1.079 |
| 15.01.2020 | 03:15 | 03:30 | 1.079 |
| 15.01.2020 | 03:30 | 03:45 | 1.083 |
| 15.01.2020 | 03:45 | 04:00 | 1.090 |
| 15.01.2020 | 04:00 | 04:15 | 1.119 |
| 15.01.2020 | 04:15 | 04:30 | 1.144 |
| 15.01.2020 | 04:30 | 04:45 | 1.172 |
| 15.01.2020 | 04:45 | 05:00 | 1.224 |
| 15.01.2020 | 05:00 | 05:15 | 1.293 |
| 15.01.2020 | 05:15 | 05:30 | 1.345 |
| 15.01.2020 | 05:30 | 05:45 | 1.420 |
| 15.01.2020 | 05:45 | 06:00 | 1.532 |
| 15.01.2020 | 06:00 | 06:15 | 1.682 |
| 15.01.2020 | 06:15 | 06:30 | 1.825 |
| 15.01.2020 | 06:30 | 06:45 | 1.939 |
| 15.01.2020 | 06:45 | 07:00 | 2.050 |
| 15.01.2020 | 07:00 | 07:15 | 2.198 |
| 15.01.2020 | 07:15 | 07:30 | 2.309 |
| 15.01.2020 | 07:30 | 07:45 | 2.401 |
| 15.01.2020 | 07:45 | 08:00 | 2.429 |
| 15.01.2020 | 08:00 | 08:15 | 2.482 |
| 15.01.2020 | 08:15 | 08:30 | 2.505 |
| 15.01.2020 | 08:30 | 08:45 | 2.506 |
| 15.01.2020 | 08:45 | 09:00 | 2.500 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.01.2020 | 09:00 | 09:15 | 2.522 |
| 15.01.2020 | 09:15 | 09:30 | 2.483 |
| 15.01.2020 | 09:30 | 09:45 | 2.489 |
| 15.01.2020 | 09:45 | 10:00 | 2.504 |
| 15.01.2020 | 10:00 | 10:15 | 2.551 |
| 15.01.2020 | 10:15 | 10:30 | 2.560 |
| 15.01.2020 | 10:30 | 10:45 | 2.588 |
| 15.01.2020 | 10:45 | 11:00 | 2.595 |
| 15.01.2020 | 11:00 | 11:15 | 2.627 |
| 15.01.2020 | 11:15 | 11:30 | 2.661 |
| 15.01.2020 | 11:30 | 11:45 | 2.700 |
| 15.01.2020 | 11:45 | 12:00 | 2.747 |
| 15.01.2020 | 12:00 | 12:15 | 2.765 |
| 15.01.2020 | 12:15 | 12:30 | 2.735 |
| 15.01.2020 | 12:30 | 12:45 | 2.678 |
| 15.01.2020 | 12:45 | 13:00 | 2.644 |
| 15.01.2020 | 13:00 | 13:15 | 2.640 |
| 15.01.2020 | 13:15 | 13:30 | 2.608 |
| 15.01.2020 | 13:30 | 13:45 | 2.601 |
| 15.01.2020 | 13:45 | 14:00 | 2.593 |
| 15.01.2020 | 14:00 | 14:15 | 2.563 |
| 15.01.2020 | 14:15 | 14:30 | 2.527 |
| 15.01.2020 | 14:30 | 14:45 | 2.517 |
| 15.01.2020 | 14:45 | 15:00 | 2.424 |
| 15.01.2020 | 15:00 | 15:15 | 2.450 |
| 15.01.2020 | 15:15 | 15:30 | 2.463 |
| 15.01.2020 | 15:30 | 15:45 | 2.509 |
| 15.01.2020 | 15:45 | 16:00 | 2.543 |
| 15.01.2020 | 16:00 | 16:15 | 2.586 |
| 15.01.2020 | 16:15 | 16:30 | 2.643 |
| 15.01.2020 | 16:30 | 16:45 | 2.696 |
| 15.01.2020 | 16:45 | 17:00 | 2.754 |
| 15.01.2020 | 17:00 | 17:15 | 2.957 |
| 15.01.2020 | 17:15 | 17:30 | 3.003 |
| 15.01.2020 | 17:30 | 17:45 | 2.995 |
| 15.01.2020 | 17:45 | 18:00 | 2.992 |
| 15.01.2020 | 18:00 | 18:15 | 3.029 |
| 15.01.2020 | 18:15 | 18:30 | 3.036 |
| 15.01.2020 | 18:30 | 18:45 | 2.972 |
| 15.01.2020 | 18:45 | 19:00 | 2.982 |
| 15.01.2020 | 19:00 | 19:15 | 2.930 |
| 15.01.2020 | 19:15 | 19:30 | 2.873 |
| 15.01.2020 | 19:30 | 19:45 | 2.814 |
| 15.01.2020 | 19:45 | 20:00 | 2.739 |
| 15.01.2020 | 20:00 | 20:15 | 2.590 |
| 15.01.2020 | 20:15 | 20:30 | 2.493 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.01.2020 | 20:30 | 20:45 | 2.382 |
| 15.01.2020 | 20:45 | 21:00 | 2.278 |
| 15.01.2020 | 21:00 | 21:15 | 2.157 |
| 15.01.2020 | 21:15 | 21:30 | 2.073 |
| 15.01.2020 | 21:30 | 21:45 | 1.983 |
| 15.01.2020 | 21:45 | 22:00 | 1.888 |
| 15.01.2020 | 22:00 | 22:15 | 1.919 |
| 15.01.2020 | 22:15 | 22:30 | 1.848 |
| 15.01.2020 | 22:30 | 22:45 | 1.759 |
| 15.01.2020 | 22:45 | 23:00 | 1.681 |
| 15.01.2020 | 23:00 | 23:15 | 1.594 |
| 15.01.2020 | 23:15 | 23:30 | 1.545 |
| 15.01.2020 | 23:30 | 23:45 | 1.501 |
| 15.01.2020 | 23:45 | 00:00 | 1.410 |
| 16.01.2020 | 00:00 | 00:15 | 1.360 |
| 16.01.2020 | 00:15 | 00:30 | 1.320 |
| 16.01.2020 | 00:30 | 00:45 | 1.277 |
| 16.01.2020 | 00:45 | 01:00 | 1.239 |
| 16.01.2020 | 01:00 | 01:15 | 1.210 |
| 16.01.2020 | 01:15 | 01:30 | 1.178 |
| 16.01.2020 | 01:30 | 01:45 | 1.159 |
| 16.01.2020 | 01:45 | 02:00 | 1.140 |
| 16.01.2020 | 02:00 | 02:15 | 1.135 |
| 16.01.2020 | 02:15 | 02:30 | 1.114 |
| 16.01.2020 | 02:30 | 02:45 | 1.087 |
| 16.01.2020 | 02:45 | 03:00 | 1.075 |
| 16.01.2020 | 03:00 | 03:15 | 1.076 |
| 16.01.2020 | 03:15 | 03:30 | 1.067 |
| 16.01.2020 | 03:30 | 03:45 | 1.077 |
| 16.01.2020 | 03:45 | 04:00 | 1.098 |
| 16.01.2020 | 04:00 | 04:15 | 1.116 |
| 16.01.2020 | 04:15 | 04:30 | 1.142 |
| 16.01.2020 | 04:30 | 04:45 | 1.171 |
| 16.01.2020 | 04:45 | 05:00 | 1.217 |
| 16.01.2020 | 05:00 | 05:15 | 1.292 |
| 16.01.2020 | 05:15 | 05:30 | 1.344 |
| 16.01.2020 | 05:30 | 05:45 | 1.414 |
| 16.01.2020 | 05:45 | 06:00 | 1.528 |
| 16.01.2020 | 06:00 | 06:15 | 1.666 |
| 16.01.2020 | 06:15 | 06:30 | 1.832 |
| 16.01.2020 | 06:30 | 06:45 | 1.955 |
| 16.01.2020 | 06:45 | 07:00 | 2.112 |
| 16.01.2020 | 07:00 | 07:15 | 2.264 |
| 16.01.2020 | 07:15 | 07:30 | 2.341 |
| 16.01.2020 | 07:30 | 07:45 | 2.392 |
| 16.01.2020 | 07:45 | 08:00 | 2.427 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.01.2020 | 08:00 | 08:15 | 2.491 |
| 16.01.2020 | 08:15 | 08:30 | 2.509 |
| 16.01.2020 | 08:30 | 08:45 | 2.504 |
| 16.01.2020 | 08:45 | 09:00 | 2.484 |
| 16.01.2020 | 09:00 | 09:15 | 2.523 |
| 16.01.2020 | 09:15 | 09:30 | 2.522 |
| 16.01.2020 | 09:30 | 09:45 | 2.558 |
| 16.01.2020 | 09:45 | 10:00 | 2.560 |
| 16.01.2020 | 10:00 | 10:15 | 2.562 |
| 16.01.2020 | 10:15 | 10:30 | 2.551 |
| 16.01.2020 | 10:30 | 10:45 | 2.585 |
| 16.01.2020 | 10:45 | 11:00 | 2.630 |
| 16.01.2020 | 11:00 | 11:15 | 2.654 |
| 16.01.2020 | 11:15 | 11:30 | 2.673 |
| 16.01.2020 | 11:30 | 11:45 | 2.676 |
| 16.01.2020 | 11:45 | 12:00 | 2.670 |
| 16.01.2020 | 12:00 | 12:15 | 2.656 |
| 16.01.2020 | 12:15 | 12:30 | 2.685 |
| 16.01.2020 | 12:30 | 12:45 | 2.705 |
| 16.01.2020 | 12:45 | 13:00 | 2.701 |
| 16.01.2020 | 13:00 | 13:15 | 2.708 |
| 16.01.2020 | 13:15 | 13:30 | 2.654 |
| 16.01.2020 | 13:30 | 13:45 | 2.586 |
| 16.01.2020 | 13:45 | 14:00 | 2.534 |
| 16.01.2020 | 14:00 | 14:15 | 2.494 |
| 16.01.2020 | 14:15 | 14:30 | 2.521 |
| 16.01.2020 | 14:30 | 14:45 | 2.494 |
| 16.01.2020 | 14:45 | 15:00 | 2.440 |
| 16.01.2020 | 15:00 | 15:15 | 2.420 |
| 16.01.2020 | 15:15 | 15:30 | 2.436 |
| 16.01.2020 | 15:30 | 15:45 | 2.409 |
| 16.01.2020 | 15:45 | 16:00 | 2.408 |
| 16.01.2020 | 16:00 | 16:15 | 2.445 |
| 16.01.2020 | 16:15 | 16:30 | 2.505 |
| 16.01.2020 | 16:30 | 16:45 | 2.545 |
| 16.01.2020 | 16:45 | 17:00 | 2.636 |
| 16.01.2020 | 17:00 | 17:15 | 2.811 |
| 16.01.2020 | 17:15 | 17:30 | 2.996 |
| 16.01.2020 | 17:30 | 17:45 | 3.070 |
| 16.01.2020 | 17:45 | 18:00 | 3.138 |
| 16.01.2020 | 18:00 | 18:15 | 3.089 |
| 16.01.2020 | 18:15 | 18:30 | 3.083 |
| 16.01.2020 | 18:30 | 18:45 | 3.064 |
| 16.01.2020 | 18:45 | 19:00 | 3.050 |
| 16.01.2020 | 19:00 | 19:15 | 3.006 |
| 16.01.2020 | 19:15 | 19:30 | 2.946 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.01.2020 | 19:30 | 19:45 | 2.857 |
| 16.01.2020 | 19:45 | 20:00 | 2.790 |
| 16.01.2020 | 20:00 | 20:15 | 2.648 |
| 16.01.2020 | 20:15 | 20:30 | 2.540 |
| 16.01.2020 | 20:30 | 20:45 | 2.393 |
| 16.01.2020 | 20:45 | 21:00 | 2.320 |
| 16.01.2020 | 21:00 | 21:15 | 2.207 |
| 16.01.2020 | 21:15 | 21:30 | 2.103 |
| 16.01.2020 | 21:30 | 21:45 | 2.007 |
| 16.01.2020 | 21:45 | 22:00 | 1.894 |
| 16.01.2020 | 22:00 | 22:15 | 1.919 |
| 16.01.2020 | 22:15 | 22:30 | 1.842 |
| 16.01.2020 | 22:30 | 22:45 | 1.755 |
| 16.01.2020 | 22:45 | 23:00 | 1.675 |
| 16.01.2020 | 23:00 | 23:15 | 1.593 |
| 16.01.2020 | 23:15 | 23:30 | 1.540 |
| 16.01.2020 | 23:30 | 23:45 | 1.487 |
| 16.01.2020 | 23:45 | 00:00 | 1.422 |
| 17.01.2020 | 00:00 | 00:15 | 1.357 |
| 17.01.2020 | 00:15 | 00:30 | 1.306 |
| 17.01.2020 | 00:30 | 00:45 | 1.263 |
| 17.01.2020 | 00:45 | 01:00 | 1.231 |
| 17.01.2020 | 01:00 | 01:15 | 1.183 |
| 17.01.2020 | 01:15 | 01:30 | 1.155 |
| 17.01.2020 | 01:30 | 01:45 | 1.151 |
| 17.01.2020 | 01:45 | 02:00 | 1.127 |
| 17.01.2020 | 02:00 | 02:15 | 1.109 |
| 17.01.2020 | 02:15 | 02:30 | 1.091 |
| 17.01.2020 | 02:30 | 02:45 | 1.073 |
| 17.01.2020 | 02:45 | 03:00 | 1.064 |
| 17.01.2020 | 03:00 | 03:15 | 1.055 |
| 17.01.2020 | 03:15 | 03:30 | 1.052 |
| 17.01.2020 | 03:30 | 03:45 | 1.054 |
| 17.01.2020 | 03:45 | 04:00 | 1.072 |
| 17.01.2020 | 04:00 | 04:15 | 1.105 |
| 17.01.2020 | 04:15 | 04:30 | 1.122 |
| 17.01.2020 | 04:30 | 04:45 | 1.150 |
| 17.01.2020 | 04:45 | 05:00 | 1.202 |
| 17.01.2020 | 05:00 | 05:15 | 1.260 |
| 17.01.2020 | 05:15 | 05:30 | 1.327 |
| 17.01.2020 | 05:30 | 05:45 | 1.388 |
| 17.01.2020 | 05:45 | 06:00 | 1.479 |
| 17.01.2020 | 06:00 | 06:15 | 1.622 |
| 17.01.2020 | 06:15 | 06:30 | 1.774 |
| 17.01.2020 | 06:30 | 06:45 | 1.897 |
| 17.01.2020 | 06:45 | 07:00 | 2.040 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.01.2020 | 07:00 | 07:15 | 2.198 |
| 17.01.2020 | 07:15 | 07:30 | 2.272 |
| 17.01.2020 | 07:30 | 07:45 | 2.352 |
| 17.01.2020 | 07:45 | 08:00 | 2.456 |
| 17.01.2020 | 08:00 | 08:15 | 2.454 |
| 17.01.2020 | 08:15 | 08:30 | 2.456 |
| 17.01.2020 | 08:30 | 08:45 | 2.474 |
| 17.01.2020 | 08:45 | 09:00 | 2.449 |
| 17.01.2020 | 09:00 | 09:15 | 2.475 |
| 17.01.2020 | 09:15 | 09:30 | 2.513 |
| 17.01.2020 | 09:30 | 09:45 | 2.525 |
| 17.01.2020 | 09:45 | 10:00 | 2.501 |
| 17.01.2020 | 10:00 | 10:15 | 2.545 |
| 17.01.2020 | 10:15 | 10:30 | 2.546 |
| 17.01.2020 | 10:30 | 10:45 | 2.620 |
| 17.01.2020 | 10:45 | 11:00 | 2.629 |
| 17.01.2020 | 11:00 | 11:15 | 2.656 |
| 17.01.2020 | 11:15 | 11:30 | 2.710 |
| 17.01.2020 | 11:30 | 11:45 | 2.725 |
| 17.01.2020 | 11:45 | 12:00 | 2.771 |
| 17.01.2020 | 12:00 | 12:15 | 2.766 |
| 17.01.2020 | 12:15 | 12:30 | 2.771 |
| 17.01.2020 | 12:30 | 12:45 | 2.762 |
| 17.01.2020 | 12:45 | 13:00 | 2.739 |
| 17.01.2020 | 13:00 | 13:15 | 2.807 |
| 17.01.2020 | 13:15 | 13:30 | 2.866 |
| 17.01.2020 | 13:30 | 13:45 | 2.835 |
| 17.01.2020 | 13:45 | 14:00 | 2.747 |
| 17.01.2020 | 14:00 | 14:15 | 2.748 |
| 17.01.2020 | 14:15 | 14:30 | 2.733 |
| 17.01.2020 | 14:30 | 14:45 | 2.664 |
| 17.01.2020 | 14:45 | 15:00 | 2.600 |
| 17.01.2020 | 15:00 | 15:15 | 2.589 |
| 17.01.2020 | 15:15 | 15:30 | 2.607 |
| 17.01.2020 | 15:30 | 15:45 | 2.576 |
| 17.01.2020 | 15:45 | 16:00 | 2.608 |
| 17.01.2020 | 16:00 | 16:15 | 2.639 |
| 17.01.2020 | 16:15 | 16:30 | 2.706 |
| 17.01.2020 | 16:30 | 16:45 | 2.674 |
| 17.01.2020 | 16:45 | 17:00 | 2.709 |
| 17.01.2020 | 17:00 | 17:15 | 2.893 |
| 17.01.2020 | 17:15 | 17:30 | 2.974 |
| 17.01.2020 | 17:30 | 17:45 | 2.980 |
| 17.01.2020 | 17:45 | 18:00 | 2.952 |
| 17.01.2020 | 18:00 | 18:15 | 2.935 |
| 17.01.2020 | 18:15 | 18:30 | 2.930 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.01.2020 | 18:30 | 18:45 | 2.905 |
| 17.01.2020 | 18:45 | 19:00 | 2.858 |
| 17.01.2020 | 19:00 | 19:15 | 2.852 |
| 17.01.2020 | 19:15 | 19:30 | 2.762 |
| 17.01.2020 | 19:30 | 19:45 | 2.691 |
| 17.01.2020 | 19:45 | 20:00 | 2.642 |
| 17.01.2020 | 20:00 | 20:15 | 2.520 |
| 17.01.2020 | 20:15 | 20:30 | 2.412 |
| 17.01.2020 | 20:30 | 20:45 | 2.296 |
| 17.01.2020 | 20:45 | 21:00 | 2.216 |
| 17.01.2020 | 21:00 | 21:15 | 2.118 |
| 17.01.2020 | 21:15 | 21:30 | 2.064 |
| 17.01.2020 | 21:30 | 21:45 | 1.963 |
| 17.01.2020 | 21:45 | 22:00 | 1.880 |
| 17.01.2020 | 22:00 | 22:15 | 1.907 |
| 17.01.2020 | 22:15 | 22:30 | 1.834 |
| 17.01.2020 | 22:30 | 22:45 | 1.807 |
| 17.01.2020 | 22:45 | 23:00 | 1.740 |
| 17.01.2020 | 23:00 | 23:15 | 1.659 |
| 17.01.2020 | 23:15 | 23:30 | 1.621 |
| 17.01.2020 | 23:30 | 23:45 | 1.571 |
| 17.01.2020 | 23:45 | 00:00 | 1.490 |
| 18.01.2020 | 00:00 | 00:15 | 1.447 |
| 18.01.2020 | 00:15 | 00:30 | 1.392 |
| 18.01.2020 | 00:30 | 00:45 | 1.331 |
| 18.01.2020 | 00:45 | 01:00 | 1.283 |
| 18.01.2020 | 01:00 | 01:15 | 1.233 |
| 18.01.2020 | 01:15 | 01:30 | 1.194 |
| 18.01.2020 | 01:30 | 01:45 | 1.167 |
| 18.01.2020 | 01:45 | 02:00 | 1.154 |
| 18.01.2020 | 02:00 | 02:15 | 1.137 |
| 18.01.2020 | 02:15 | 02:30 | 1.103 |
| 18.01.2020 | 02:30 | 02:45 | 1.080 |
| 18.01.2020 | 02:45 | 03:00 | 1.075 |
| 18.01.2020 | 03:00 | 03:15 | 1.080 |
| 18.01.2020 | 03:15 | 03:30 | 1.074 |
| 18.01.2020 | 03:30 | 03:45 | 1.076 |
| 18.01.2020 | 03:45 | 04:00 | 1.077 |
| 18.01.2020 | 04:00 | 04:15 | 1.090 |
| 18.01.2020 | 04:15 | 04:30 | 1.082 |
| 18.01.2020 | 04:30 | 04:45 | 1.088 |
| 18.01.2020 | 04:45 | 05:00 | 1.103 |
| 18.01.2020 | 05:00 | 05:15 | 1.122 |
| 18.01.2020 | 05:15 | 05:30 | 1.122 |
| 18.01.2020 | 05:30 | 05:45 | 1.134 |
| 18.01.2020 | 05:45 | 06:00 | 1.161 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.01.2020 | 06:00 | 06:15 | 1.169 |
| 18.01.2020 | 06:15 | 06:30 | 1.214 |
| 18.01.2020 | 06:30 | 06:45 | 1.237 |
| 18.01.2020 | 06:45 | 07:00 | 1.286 |
| 18.01.2020 | 07:00 | 07:15 | 1.334 |
| 18.01.2020 | 07:15 | 07:30 | 1.381 |
| 18.01.2020 | 07:30 | 07:45 | 1.458 |
| 18.01.2020 | 07:45 | 08:00 | 1.527 |
| 18.01.2020 | 08:00 | 08:15 | 1.612 |
| 18.01.2020 | 08:15 | 08:30 | 1.660 |
| 18.01.2020 | 08:30 | 08:45 | 1.753 |
| 18.01.2020 | 08:45 | 09:00 | 1.806 |
| 18.01.2020 | 09:00 | 09:15 | 1.882 |
| 18.01.2020 | 09:15 | 09:30 | 1.969 |
| 18.01.2020 | 09:30 | 09:45 | 2.030 |
| 18.01.2020 | 09:45 | 10:00 | 2.114 |
| 18.01.2020 | 10:00 | 10:15 | 2.183 |
| 18.01.2020 | 10:15 | 10:30 | 2.231 |
| 18.01.2020 | 10:30 | 10:45 | 2.261 |
| 18.01.2020 | 10:45 | 11:00 | 2.280 |
| 18.01.2020 | 11:00 | 11:15 | 2.297 |
| 18.01.2020 | 11:15 | 11:30 | 2.338 |
| 18.01.2020 | 11:30 | 11:45 | 2.320 |
| 18.01.2020 | 11:45 | 12:00 | 2.350 |
| 18.01.2020 | 12:00 | 12:15 | 2.345 |
| 18.01.2020 | 12:15 | 12:30 | 2.391 |
| 18.01.2020 | 12:30 | 12:45 | 2.405 |
| 18.01.2020 | 12:45 | 13:00 | 2.398 |
| 18.01.2020 | 13:00 | 13:15 | 2.368 |
| 18.01.2020 | 13:15 | 13:30 | 2.370 |
| 18.01.2020 | 13:30 | 13:45 | 2.330 |
| 18.01.2020 | 13:45 | 14:00 | 2.306 |
| 18.01.2020 | 14:00 | 14:15 | 2.233 |
| 18.01.2020 | 14:15 | 14:30 | 2.213 |
| 18.01.2020 | 14:30 | 14:45 | 2.186 |
| 18.01.2020 | 14:45 | 15:00 | 2.163 |
| 18.01.2020 | 15:00 | 15:15 | 2.151 |
| 18.01.2020 | 15:15 | 15:30 | 2.125 |
| 18.01.2020 | 15:30 | 15:45 | 2.100 |
| 18.01.2020 | 15:45 | 16:00 | 2.121 |
| 18.01.2020 | 16:00 | 16:15 | 2.170 |
| 18.01.2020 | 16:15 | 16:30 | 2.176 |
| 18.01.2020 | 16:30 | 16:45 | 2.183 |
| 18.01.2020 | 16:45 | 17:00 | 2.164 |
| 18.01.2020 | 17:00 | 17:15 | 2.274 |
| 18.01.2020 | 17:15 | 17:30 | 2.422 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.01.2020 | 17:30 | 17:45 | 2.496 |
| 18.01.2020 | 17:45 | 18:00 | 2.484 |
| 18.01.2020 | 18:00 | 18:15 | 2.496 |
| 18.01.2020 | 18:15 | 18:30 | 2.451 |
| 18.01.2020 | 18:30 | 18:45 | 2.429 |
| 18.01.2020 | 18:45 | 19:00 | 2.390 |
| 18.01.2020 | 19:00 | 19:15 | 2.362 |
| 18.01.2020 | 19:15 | 19:30 | 2.310 |
| 18.01.2020 | 19:30 | 19:45 | 2.223 |
| 18.01.2020 | 19:45 | 20:00 | 2.153 |
| 18.01.2020 | 20:00 | 20:15 | 2.089 |
| 18.01.2020 | 20:15 | 20:30 | 2.003 |
| 18.01.2020 | 20:30 | 20:45 | 1.940 |
| 18.01.2020 | 20:45 | 21:00 | 1.860 |
| 18.01.2020 | 21:00 | 21:15 | 1.818 |
| 18.01.2020 | 21:15 | 21:30 | 1.765 |
| 18.01.2020 | 21:30 | 21:45 | 1.691 |
| 18.01.2020 | 21:45 | 22:00 | 1.634 |
| 18.01.2020 | 22:00 | 22:15 | 1.721 |
| 18.01.2020 | 22:15 | 22:30 | 1.665 |
| 18.01.2020 | 22:30 | 22:45 | 1.614 |
| 18.01.2020 | 22:45 | 23:00 | 1.559 |
| 18.01.2020 | 23:00 | 23:15 | 1.489 |
| 18.01.2020 | 23:15 | 23:30 | 1.457 |
| 18.01.2020 | 23:30 | 23:45 | 1.418 |
| 18.01.2020 | 23:45 | 00:00 | 1.362 |
| 19.01.2020 | 00:00 | 00:15 | 1.303 |
| 19.01.2020 | 00:15 | 00:30 | 1.247 |
| 19.01.2020 | 00:30 | 00:45 | 1.192 |
| 19.01.2020 | 00:45 | 01:00 | 1.162 |
| 19.01.2020 | 01:00 | 01:15 | 1.119 |
| 19.01.2020 | 01:15 | 01:30 | 1.083 |
| 19.01.2020 | 01:30 | 01:45 | 1.059 |
| 19.01.2020 | 01:45 | 02:00 | 1.043 |
| 19.01.2020 | 02:00 | 02:15 | 1.034 |
| 19.01.2020 | 02:15 | 02:30 | 1.011 |
| 19.01.2020 | 02:30 | 02:45 | 1.006 |
| 19.01.2020 | 02:45 | 03:00 | 997 |
| 19.01.2020 | 03:00 | 03:15 | 993 |
| 19.01.2020 | 03:15 | 03:30 | 981 |
| 19.01.2020 | 03:30 | 03:45 | 982 |
| 19.01.2020 | 03:45 | 04:00 | 981 |
| 19.01.2020 | 04:00 | 04:15 | 983 |
| 19.01.2020 | 04:15 | 04:30 | 984 |
| 19.01.2020 | 04:30 | 04:45 | 985 |
| 19.01.2020 | 04:45 | 05:00 | 982 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.01.2020 | 05:00 | 05:15 | 1.001 |
| 19.01.2020 | 05:15 | 05:30 | 999 |
| 19.01.2020 | 05:30 | 05:45 | 995 |
| 19.01.2020 | 05:45 | 06:00 | 1.015 |
| 19.01.2020 | 06:00 | 06:15 | 1.008 |
| 19.01.2020 | 06:15 | 06:30 | 1.021 |
| 19.01.2020 | 06:30 | 06:45 | 1.044 |
| 19.01.2020 | 06:45 | 07:00 | 1.074 |
| 19.01.2020 | 07:00 | 07:15 | 1.110 |
| 19.01.2020 | 07:15 | 07:30 | 1.143 |
| 19.01.2020 | 07:30 | 07:45 | 1.180 |
| 19.01.2020 | 07:45 | 08:00 | 1.233 |
| 19.01.2020 | 08:00 | 08:15 | 1.256 |
| 19.01.2020 | 08:15 | 08:30 | 1.313 |
| 19.01.2020 | 08:30 | 08:45 | 1.373 |
| 19.01.2020 | 08:45 | 09:00 | 1.428 |
| 19.01.2020 | 09:00 | 09:15 | 1.523 |
| 19.01.2020 | 09:15 | 09:30 | 1.597 |
| 19.01.2020 | 09:30 | 09:45 | 1.665 |
| 19.01.2020 | 09:45 | 10:00 | 1.754 |
| 19.01.2020 | 10:00 | 10:15 | 1.826 |
| 19.01.2020 | 10:15 | 10:30 | 1.879 |
| 19.01.2020 | 10:30 | 10:45 | 1.942 |
| 19.01.2020 | 10:45 | 11:00 | 1.975 |
| 19.01.2020 | 11:00 | 11:15 | 2.004 |
| 19.01.2020 | 11:15 | 11:30 | 2.066 |
| 19.01.2020 | 11:30 | 11:45 | 2.138 |
| 19.01.2020 | 11:45 | 12:00 | 2.137 |
| 19.01.2020 | 12:00 | 12:15 | 2.175 |
| 19.01.2020 | 12:15 | 12:30 | 2.196 |
| 19.01.2020 | 12:30 | 12:45 | 2.171 |
| 19.01.2020 | 12:45 | 13:00 | 2.144 |
| 19.01.2020 | 13:00 | 13:15 | 2.118 |
| 19.01.2020 | 13:15 | 13:30 | 2.084 |
| 19.01.2020 | 13:30 | 13:45 | 2.052 |
| 19.01.2020 | 13:45 | 14:00 | 2.046 |
| 19.01.2020 | 14:00 | 14:15 | 2.022 |
| 19.01.2020 | 14:15 | 14:30 | 1.966 |
| 19.01.2020 | 14:30 | 14:45 | 1.953 |
| 19.01.2020 | 14:45 | 15:00 | 1.926 |
| 19.01.2020 | 15:00 | 15:15 | 1.920 |
| 19.01.2020 | 15:15 | 15:30 | 1.900 |
| 19.01.2020 | 15:30 | 15:45 | 1.889 |
| 19.01.2020 | 15:45 | 16:00 | 1.899 |
| 19.01.2020 | 16:00 | 16:15 | 1.912 |
| 19.01.2020 | 16:15 | 16:30 | 1.931 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.01.2020 | 16:30 | 16:45 | 1.964 |
| 19.01.2020 | 16:45 | 17:00 | 2.008 |
| 19.01.2020 | 17:00 | 17:15 | 2.082 |
| 19.01.2020 | 17:15 | 17:30 | 2.191 |
| 19.01.2020 | 17:30 | 17:45 | 2.321 |
| 19.01.2020 | 17:45 | 18:00 | 2.329 |
| 19.01.2020 | 18:00 | 18:15 | 2.331 |
| 19.01.2020 | 18:15 | 18:30 | 2.335 |
| 19.01.2020 | 18:30 | 18:45 | 2.328 |
| 19.01.2020 | 18:45 | 19:00 | 2.312 |
| 19.01.2020 | 19:00 | 19:15 | 2.272 |
| 19.01.2020 | 19:15 | 19:30 | 2.237 |
| 19.01.2020 | 19:30 | 19:45 | 2.192 |
| 19.01.2020 | 19:45 | 20:00 | 2.123 |
| 19.01.2020 | 20:00 | 20:15 | 2.067 |
| 19.01.2020 | 20:15 | 20:30 | 1.987 |
| 19.01.2020 | 20:30 | 20:45 | 1.882 |
| 19.01.2020 | 20:45 | 21:00 | 1.815 |
| 19.01.2020 | 21:00 | 21:15 | 1.750 |
| 19.01.2020 | 21:15 | 21:30 | 1.722 |
| 19.01.2020 | 21:30 | 21:45 | 1.667 |
| 19.01.2020 | 21:45 | 22:00 | 1.629 |
| 19.01.2020 | 22:00 | 22:15 | 1.688 |
| 19.01.2020 | 22:15 | 22:30 | 1.608 |
| 19.01.2020 | 22:30 | 22:45 | 1.561 |
| 19.01.2020 | 22:45 | 23:00 | 1.505 |
| 19.01.2020 | 23:00 | 23:15 | 1.440 |
| 19.01.2020 | 23:15 | 23:30 | 1.394 |
| 19.01.2020 | 23:30 | 23:45 | 1.340 |
| 19.01.2020 | 23:45 | 00:00 | 1.288 |
| 20.01.2020 | 00:00 | 00:15 | 1.226 |
| 20.01.2020 | 00:15 | 00:30 | 1.182 |
| 20.01.2020 | 00:30 | 00:45 | 1.153 |
| 20.01.2020 | 00:45 | 01:00 | 1.128 |
| 20.01.2020 | 01:00 | 01:15 | 1.099 |
| 20.01.2020 | 01:15 | 01:30 | 1.070 |
| 20.01.2020 | 01:30 | 01:45 | 1.061 |
| 20.01.2020 | 01:45 | 02:00 | 1.052 |
| 20.01.2020 | 02:00 | 02:15 | 1.040 |
| 20.01.2020 | 02:15 | 02:30 | 1.028 |
| 20.01.2020 | 02:30 | 02:45 | 1.021 |
| 20.01.2020 | 02:45 | 03:00 | 1.021 |
| 20.01.2020 | 03:00 | 03:15 | 1.022 |
| 20.01.2020 | 03:15 | 03:30 | 1.021 |
| 20.01.2020 | 03:30 | 03:45 | 1.029 |
| 20.01.2020 | 03:45 | 04:00 | 1.036 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.01.2020 | 04:00 | 04:15 | 1.056 |
| 20.01.2020 | 04:15 | 04:30 | 1.077 |
| 20.01.2020 | 04:30 | 04:45 | 1.115 |
| 20.01.2020 | 04:45 | 05:00 | 1.148 |
| 20.01.2020 | 05:00 | 05:15 | 1.228 |
| 20.01.2020 | 05:15 | 05:30 | 1.275 |
| 20.01.2020 | 05:30 | 05:45 | 1.376 |
| 20.01.2020 | 05:45 | 06:00 | 1.499 |
| 20.01.2020 | 06:00 | 06:15 | 1.645 |
| 20.01.2020 | 06:15 | 06:30 | 1.826 |
| 20.01.2020 | 06:30 | 06:45 | 1.982 |
| 20.01.2020 | 06:45 | 07:00 | 2.108 |
| 20.01.2020 | 07:00 | 07:15 | 2.282 |
| 20.01.2020 | 07:15 | 07:30 | 2.389 |
| 20.01.2020 | 07:30 | 07:45 | 2.456 |
| 20.01.2020 | 07:45 | 08:00 | 2.480 |
| 20.01.2020 | 08:00 | 08:15 | 2.515 |
| 20.01.2020 | 08:15 | 08:30 | 2.533 |
| 20.01.2020 | 08:30 | 08:45 | 2.527 |
| 20.01.2020 | 08:45 | 09:00 | 2.556 |
| 20.01.2020 | 09:00 | 09:15 | 2.567 |
| 20.01.2020 | 09:15 | 09:30 | 2.586 |
| 20.01.2020 | 09:30 | 09:45 | 2.669 |
| 20.01.2020 | 09:45 | 10:00 | 2.688 |
| 20.01.2020 | 10:00 | 10:15 | 2.680 |
| 20.01.2020 | 10:15 | 10:30 | 2.750 |
| 20.01.2020 | 10:30 | 10:45 | 2.749 |
| 20.01.2020 | 10:45 | 11:00 | 2.760 |
| 20.01.2020 | 11:00 | 11:15 | 2.771 |
| 20.01.2020 | 11:15 | 11:30 | 2.783 |
| 20.01.2020 | 11:30 | 11:45 | 2.824 |
| 20.01.2020 | 11:45 | 12:00 | 2.822 |
| 20.01.2020 | 12:00 | 12:15 | 2.868 |
| 20.01.2020 | 12:15 | 12:30 | 2.878 |
| 20.01.2020 | 12:30 | 12:45 | 2.849 |
| 20.01.2020 | 12:45 | 13:00 | 2.835 |
| 20.01.2020 | 13:00 | 13:15 | 2.841 |
| 20.01.2020 | 13:15 | 13:30 | 2.812 |
| 20.01.2020 | 13:30 | 13:45 | 2.743 |
| 20.01.2020 | 13:45 | 14:00 | 2.715 |
| 20.01.2020 | 14:00 | 14:15 | 2.681 |
| 20.01.2020 | 14:15 | 14:30 | 2.657 |
| 20.01.2020 | 14:30 | 14:45 | 2.622 |
| 20.01.2020 | 14:45 | 15:00 | 2.587 |
| 20.01.2020 | 15:00 | 15:15 | 2.603 |
| 20.01.2020 | 15:15 | 15:30 | 2.604 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.01.2020 | 15:30 | 15:45 | 2.585 |
| 20.01.2020 | 15:45 | 16:00 | 2.574 |
| 20.01.2020 | 16:00 | 16:15 | 2.586 |
| 20.01.2020 | 16:15 | 16:30 | 2.601 |
| 20.01.2020 | 16:30 | 16:45 | 2.613 |
| 20.01.2020 | 16:45 | 17:00 | 2.758 |
| 20.01.2020 | 17:00 | 17:15 | 2.871 |
| 20.01.2020 | 17:15 | 17:30 | 3.013 |
| 20.01.2020 | 17:30 | 17:45 | 3.129 |
| 20.01.2020 | 17:45 | 18:00 | 3.106 |
| 20.01.2020 | 18:00 | 18:15 | 3.074 |
| 20.01.2020 | 18:15 | 18:30 | 3.113 |
| 20.01.2020 | 18:30 | 18:45 | 3.073 |
| 20.01.2020 | 18:45 | 19:00 | 3.090 |
| 20.01.2020 | 19:00 | 19:15 | 3.031 |
| 20.01.2020 | 19:15 | 19:30 | 2.955 |
| 20.01.2020 | 19:30 | 19:45 | 2.878 |
| 20.01.2020 | 19:45 | 20:00 | 2.814 |
| 20.01.2020 | 20:00 | 20:15 | 2.695 |
| 20.01.2020 | 20:15 | 20:30 | 2.568 |
| 20.01.2020 | 20:30 | 20:45 | 2.468 |
| 20.01.2020 | 20:45 | 21:00 | 2.371 |
| 20.01.2020 | 21:00 | 21:15 | 2.256 |
| 20.01.2020 | 21:15 | 21:30 | 2.136 |
| 20.01.2020 | 21:30 | 21:45 | 2.036 |
| 20.01.2020 | 21:45 | 22:00 | 1.919 |
| 20.01.2020 | 22:00 | 22:15 | 1.952 |
| 20.01.2020 | 22:15 | 22:30 | 1.890 |
| 20.01.2020 | 22:30 | 22:45 | 1.800 |
| 20.01.2020 | 22:45 | 23:00 | 1.740 |
| 20.01.2020 | 23:00 | 23:15 | 1.643 |
| 20.01.2020 | 23:15 | 23:30 | 1.591 |
| 20.01.2020 | 23:30 | 23:45 | 1.519 |
| 20.01.2020 | 23:45 | 00:00 | 1.475 |
| 21.01.2020 | 00:00 | 00:15 | 1.412 |
| 21.01.2020 | 00:15 | 00:30 | 1.364 |
| 21.01.2020 | 00:30 | 00:45 | 1.324 |
| 21.01.2020 | 00:45 | 01:00 | 1.286 |
| 21.01.2020 | 01:00 | 01:15 | 1.252 |
| 21.01.2020 | 01:15 | 01:30 | 1.213 |
| 21.01.2020 | 01:30 | 01:45 | 1.186 |
| 21.01.2020 | 01:45 | 02:00 | 1.166 |
| 21.01.2020 | 02:00 | 02:15 | 1.157 |
| 21.01.2020 | 02:15 | 02:30 | 1.149 |
| 21.01.2020 | 02:30 | 02:45 | 1.135 |
| 21.01.2020 | 02:45 | 03:00 | 1.116 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.01.2020 | 03:00 | 03:15 | 1.127 |
| 21.01.2020 | 03:15 | 03:30 | 1.127 |
| 21.01.2020 | 03:30 | 03:45 | 1.133 |
| 21.01.2020 | 03:45 | 04:00 | 1.138 |
| 21.01.2020 | 04:00 | 04:15 | 1.162 |
| 21.01.2020 | 04:15 | 04:30 | 1.184 |
| 21.01.2020 | 04:30 | 04:45 | 1.219 |
| 21.01.2020 | 04:45 | 05:00 | 1.258 |
| 21.01.2020 | 05:00 | 05:15 | 1.330 |
| 21.01.2020 | 05:15 | 05:30 | 1.399 |
| 21.01.2020 | 05:30 | 05:45 | 1.479 |
| 21.01.2020 | 05:45 | 06:00 | 1.583 |
| 21.01.2020 | 06:00 | 06:15 | 1.728 |
| 21.01.2020 | 06:15 | 06:30 | 1.887 |
| 21.01.2020 | 06:30 | 06:45 | 2.039 |
| 21.01.2020 | 06:45 | 07:00 | 2.196 |
| 21.01.2020 | 07:00 | 07:15 | 2.360 |
| 21.01.2020 | 07:15 | 07:30 | 2.454 |
| 21.01.2020 | 07:30 | 07:45 | 2.478 |
| 21.01.2020 | 07:45 | 08:00 | 2.548 |
| 21.01.2020 | 08:00 | 08:15 | 2.586 |
| 21.01.2020 | 08:15 | 08:30 | 2.581 |
| 21.01.2020 | 08:30 | 08:45 | 2.600 |
| 21.01.2020 | 08:45 | 09:00 | 2.583 |
| 21.01.2020 | 09:00 | 09:15 | 2.592 |
| 21.01.2020 | 09:15 | 09:30 | 2.610 |
| 21.01.2020 | 09:30 | 09:45 | 2.664 |
| 21.01.2020 | 09:45 | 10:00 | 2.630 |
| 21.01.2020 | 10:00 | 10:15 | 2.625 |
| 21.01.2020 | 10:15 | 10:30 | 2.698 |
| 21.01.2020 | 10:30 | 10:45 | 2.663 |
| 21.01.2020 | 10:45 | 11:00 | 2.659 |
| 21.01.2020 | 11:00 | 11:15 | 2.697 |
| 21.01.2020 | 11:15 | 11:30 | 2.736 |
| 21.01.2020 | 11:30 | 11:45 | 2.724 |
| 21.01.2020 | 11:45 | 12:00 | 2.780 |
| 21.01.2020 | 12:00 | 12:15 | 2.741 |
| 21.01.2020 | 12:15 | 12:30 | 2.740 |
| 21.01.2020 | 12:30 | 12:45 | 2.711 |
| 21.01.2020 | 12:45 | 13:00 | 2.722 |
| 21.01.2020 | 13:00 | 13:15 | 2.710 |
| 21.01.2020 | 13:15 | 13:30 | 2.667 |
| 21.01.2020 | 13:30 | 13:45 | 2.627 |
| 21.01.2020 | 13:45 | 14:00 | 2.605 |
| 21.01.2020 | 14:00 | 14:15 | 2.571 |
| 21.01.2020 | 14:15 | 14:30 | 2.554 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.01.2020 | 14:30 | 14:45 | 2.512 |
| 21.01.2020 | 14:45 | 15:00 | 2.515 |
| 21.01.2020 | 15:00 | 15:15 | 2.519 |
| 21.01.2020 | 15:15 | 15:30 | 2.523 |
| 21.01.2020 | 15:30 | 15:45 | 2.480 |
| 21.01.2020 | 15:45 | 16:00 | 2.481 |
| 21.01.2020 | 16:00 | 16:15 | 2.526 |
| 21.01.2020 | 16:15 | 16:30 | 2.526 |
| 21.01.2020 | 16:30 | 16:45 | 2.625 |
| 21.01.2020 | 16:45 | 17:00 | 2.676 |
| 21.01.2020 | 17:00 | 17:15 | 2.781 |
| 21.01.2020 | 17:15 | 17:30 | 2.917 |
| 21.01.2020 | 17:30 | 17:45 | 3.128 |
| 21.01.2020 | 17:45 | 18:00 | 3.155 |
| 21.01.2020 | 18:00 | 18:15 | 3.141 |
| 21.01.2020 | 18:15 | 18:30 | 3.136 |
| 21.01.2020 | 18:30 | 18:45 | 3.110 |
| 21.01.2020 | 18:45 | 19:00 | 3.113 |
| 21.01.2020 | 19:00 | 19:15 | 3.092 |
| 21.01.2020 | 19:15 | 19:30 | 3.038 |
| 21.01.2020 | 19:30 | 19:45 | 2.926 |
| 21.01.2020 | 19:45 | 20:00 | 2.863 |
| 21.01.2020 | 20:00 | 20:15 | 2.739 |
| 21.01.2020 | 20:15 | 20:30 | 2.660 |
| 21.01.2020 | 20:30 | 20:45 | 2.521 |
| 21.01.2020 | 20:45 | 21:00 | 2.417 |
| 21.01.2020 | 21:00 | 21:15 | 2.295 |
| 21.01.2020 | 21:15 | 21:30 | 2.183 |
| 21.01.2020 | 21:30 | 21:45 | 2.107 |
| 21.01.2020 | 21:45 | 22:00 | 1.986 |
| 21.01.2020 | 22:00 | 22:15 | 2.014 |
| 21.01.2020 | 22:15 | 22:30 | 1.932 |
| 21.01.2020 | 22:30 | 22:45 | 1.814 |
| 21.01.2020 | 22:45 | 23:00 | 1.757 |
| 21.01.2020 | 23:00 | 23:15 | 1.674 |
| 21.01.2020 | 23:15 | 23:30 | 1.612 |
| 21.01.2020 | 23:30 | 23:45 | 1.565 |
| 21.01.2020 | 23:45 | 00:00 | 1.487 |
| 22.01.2020 | 00:00 | 00:15 | 1.428 |
| 22.01.2020 | 00:15 | 00:30 | 1.386 |
| 22.01.2020 | 00:30 | 00:45 | 1.334 |
| 22.01.2020 | 00:45 | 01:00 | 1.335 |
| 22.01.2020 | 01:00 | 01:15 | 1.318 |
| 22.01.2020 | 01:15 | 01:30 | 1.297 |
| 22.01.2020 | 01:30 | 01:45 | 1.264 |
| 22.01.2020 | 01:45 | 02:00 | 1.225 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.01.2020 | 02:00 | 02:15 | 1.219 |
| 22.01.2020 | 02:15 | 02:30 | 1.195 |
| 22.01.2020 | 02:30 | 02:45 | 1.192 |
| 22.01.2020 | 02:45 | 03:00 | 1.175 |
| 22.01.2020 | 03:00 | 03:15 | 1.183 |
| 22.01.2020 | 03:15 | 03:30 | 1.181 |
| 22.01.2020 | 03:30 | 03:45 | 1.193 |
| 22.01.2020 | 03:45 | 04:00 | 1.203 |
| 22.01.2020 | 04:00 | 04:15 | 1.231 |
| 22.01.2020 | 04:15 | 04:30 | 1.276 |
| 22.01.2020 | 04:30 | 04:45 | 1.309 |
| 22.01.2020 | 04:45 | 05:00 | 1.316 |
| 22.01.2020 | 05:00 | 05:15 | 1.374 |
| 22.01.2020 | 05:15 | 05:30 | 1.413 |
| 22.01.2020 | 05:30 | 05:45 | 1.462 |
| 22.01.2020 | 05:45 | 06:00 | 1.610 |
| 22.01.2020 | 06:00 | 06:15 | 1.735 |
| 22.01.2020 | 06:15 | 06:30 | 1.900 |
| 22.01.2020 | 06:30 | 06:45 | 2.035 |
| 22.01.2020 | 06:45 | 07:00 | 2.193 |
| 22.01.2020 | 07:00 | 07:15 | 2.350 |
| 22.01.2020 | 07:15 | 07:30 | 2.439 |
| 22.01.2020 | 07:30 | 07:45 | 2.484 |
| 22.01.2020 | 07:45 | 08:00 | 2.554 |
| 22.01.2020 | 08:00 | 08:15 | 2.604 |
| 22.01.2020 | 08:15 | 08:30 | 2.616 |
| 22.01.2020 | 08:30 | 08:45 | 2.642 |
| 22.01.2020 | 08:45 | 09:00 | 2.692 |
| 22.01.2020 | 09:00 | 09:15 | 2.746 |
| 22.01.2020 | 09:15 | 09:30 | 2.762 |
| 22.01.2020 | 09:30 | 09:45 | 2.788 |
| 22.01.2020 | 09:45 | 10:00 | 2.792 |
| 22.01.2020 | 10:00 | 10:15 | 2.806 |
| 22.01.2020 | 10:15 | 10:30 | 2.848 |
| 22.01.2020 | 10:30 | 10:45 | 2.876 |
| 22.01.2020 | 10:45 | 11:00 | 2.893 |
| 22.01.2020 | 11:00 | 11:15 | 2.900 |
| 22.01.2020 | 11:15 | 11:30 | 2.961 |
| 22.01.2020 | 11:30 | 11:45 | 2.946 |
| 22.01.2020 | 11:45 | 12:00 | 2.911 |
| 22.01.2020 | 12:00 | 12:15 | 2.973 |
| 22.01.2020 | 12:15 | 12:30 | 3.019 |
| 22.01.2020 | 12:30 | 12:45 | 3.034 |
| 22.01.2020 | 12:45 | 13:00 | 3.012 |
| 22.01.2020 | 13:00 | 13:15 | 2.983 |
| 22.01.2020 | 13:15 | 13:30 | 2.957 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.01.2020 | 13:30 | 13:45 | 2.947 |
| 22.01.2020 | 13:45 | 14:00 | 2.959 |
| 22.01.2020 | 14:00 | 14:15 | 2.890 |
| 22.01.2020 | 14:15 | 14:30 | 2.855 |
| 22.01.2020 | 14:30 | 14:45 | 2.817 |
| 22.01.2020 | 14:45 | 15:00 | 2.805 |
| 22.01.2020 | 15:00 | 15:15 | 2.754 |
| 22.01.2020 | 15:15 | 15:30 | 2.749 |
| 22.01.2020 | 15:30 | 15:45 | 2.740 |
| 22.01.2020 | 15:45 | 16:00 | 2.731 |
| 22.01.2020 | 16:00 | 16:15 | 2.755 |
| 22.01.2020 | 16:15 | 16:30 | 2.766 |
| 22.01.2020 | 16:30 | 16:45 | 2.805 |
| 22.01.2020 | 16:45 | 17:00 | 2.922 |
| 22.01.2020 | 17:00 | 17:15 | 3.017 |
| 22.01.2020 | 17:15 | 17:30 | 3.089 |
| 22.01.2020 | 17:30 | 17:45 | 3.168 |
| 22.01.2020 | 17:45 | 18:00 | 3.162 |
| 22.01.2020 | 18:00 | 18:15 | 3.197 |
| 22.01.2020 | 18:15 | 18:30 | 3.175 |
| 22.01.2020 | 18:30 | 18:45 | 3.166 |
| 22.01.2020 | 18:45 | 19:00 | 3.195 |
| 22.01.2020 | 19:00 | 19:15 | 3.121 |
| 22.01.2020 | 19:15 | 19:30 | 3.068 |
| 22.01.2020 | 19:30 | 19:45 | 2.985 |
| 22.01.2020 | 19:45 | 20:00 | 2.822 |
| 22.01.2020 | 20:00 | 20:15 | 2.722 |
| 22.01.2020 | 20:15 | 20:30 | 2.572 |
| 22.01.2020 | 20:30 | 20:45 | 2.482 |
| 22.01.2020 | 20:45 | 21:00 | 2.406 |
| 22.01.2020 | 21:00 | 21:15 | 2.272 |
| 22.01.2020 | 21:15 | 21:30 | 2.207 |
| 22.01.2020 | 21:30 | 21:45 | 2.089 |
| 22.01.2020 | 21:45 | 22:00 | 1.984 |
| 22.01.2020 | 22:00 | 22:15 | 2.022 |
| 22.01.2020 | 22:15 | 22:30 | 1.952 |
| 22.01.2020 | 22:30 | 22:45 | 1.866 |
| 22.01.2020 | 22:45 | 23:00 | 1.778 |
| 22.01.2020 | 23:00 | 23:15 | 1.699 |
| 22.01.2020 | 23:15 | 23:30 | 1.641 |
| 22.01.2020 | 23:30 | 23:45 | 1.574 |
| 22.01.2020 | 23:45 | 00:00 | 1.495 |
| 23.01.2020 | 00:00 | 00:15 | 1.441 |
| 23.01.2020 | 00:15 | 00:30 | 1.401 |
| 23.01.2020 | 00:30 | 00:45 | 1.370 |
| 23.01.2020 | 00:45 | 01:00 | 1.344 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.01.2020 | 01:00 | 01:15 | 1.306 |
| 23.01.2020 | 01:15 | 01:30 | 1.304 |
| 23.01.2020 | 01:30 | 01:45 | 1.266 |
| 23.01.2020 | 01:45 | 02:00 | 1.222 |
| 23.01.2020 | 02:00 | 02:15 | 1.208 |
| 23.01.2020 | 02:15 | 02:30 | 1.191 |
| 23.01.2020 | 02:30 | 02:45 | 1.173 |
| 23.01.2020 | 02:45 | 03:00 | 1.160 |
| 23.01.2020 | 03:00 | 03:15 | 1.163 |
| 23.01.2020 | 03:15 | 03:30 | 1.168 |
| 23.01.2020 | 03:30 | 03:45 | 1.168 |
| 23.01.2020 | 03:45 | 04:00 | 1.185 |
| 23.01.2020 | 04:00 | 04:15 | 1.154 |
| 23.01.2020 | 04:15 | 04:30 | 1.185 |
| 23.01.2020 | 04:30 | 04:45 | 1.221 |
| 23.01.2020 | 04:45 | 05:00 | 1.269 |
| 23.01.2020 | 05:00 | 05:15 | 1.346 |
| 23.01.2020 | 05:15 | 05:30 | 1.399 |
| 23.01.2020 | 05:30 | 05:45 | 1.465 |
| 23.01.2020 | 05:45 | 06:00 | 1.560 |
| 23.01.2020 | 06:00 | 06:15 | 1.696 |
| 23.01.2020 | 06:15 | 06:30 | 1.871 |
| 23.01.2020 | 06:30 | 06:45 | 2.003 |
| 23.01.2020 | 06:45 | 07:00 | 2.133 |
| 23.01.2020 | 07:00 | 07:15 | 2.320 |
| 23.01.2020 | 07:15 | 07:30 | 2.430 |
| 23.01.2020 | 07:30 | 07:45 | 2.456 |
| 23.01.2020 | 07:45 | 08:00 | 2.501 |
| 23.01.2020 | 08:00 | 08:15 | 2.539 |
| 23.01.2020 | 08:15 | 08:30 | 2.574 |
| 23.01.2020 | 08:30 | 08:45 | 2.576 |
| 23.01.2020 | 08:45 | 09:00 | 2.589 |
| 23.01.2020 | 09:00 | 09:15 | 2.621 |
| 23.01.2020 | 09:15 | 09:30 | 2.660 |
| 23.01.2020 | 09:30 | 09:45 | 2.667 |
| 23.01.2020 | 09:45 | 10:00 | 2.663 |
| 23.01.2020 | 10:00 | 10:15 | 2.677 |
| 23.01.2020 | 10:15 | 10:30 | 2.708 |
| 23.01.2020 | 10:30 | 10:45 | 2.794 |
| 23.01.2020 | 10:45 | 11:00 | 2.829 |
| 23.01.2020 | 11:00 | 11:15 | 2.847 |
| 23.01.2020 | 11:15 | 11:30 | 2.883 |
| 23.01.2020 | 11:30 | 11:45 | 2.874 |
| 23.01.2020 | 11:45 | 12:00 | 2.873 |
| 23.01.2020 | 12:00 | 12:15 | 2.847 |
| 23.01.2020 | 12:15 | 12:30 | 2.836 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.01.2020 | 12:30 | 12:45 | 2.881 |
| 23.01.2020 | 12:45 | 13:00 | 2.872 |
| 23.01.2020 | 13:00 | 13:15 | 2.866 |
| 23.01.2020 | 13:15 | 13:30 | 2.841 |
| 23.01.2020 | 13:30 | 13:45 | 2.808 |
| 23.01.2020 | 13:45 | 14:00 | 2.752 |
| 23.01.2020 | 14:00 | 14:15 | 2.691 |
| 23.01.2020 | 14:15 | 14:30 | 2.681 |
| 23.01.2020 | 14:30 | 14:45 | 2.669 |
| 23.01.2020 | 14:45 | 15:00 | 2.626 |
| 23.01.2020 | 15:00 | 15:15 | 2.646 |
| 23.01.2020 | 15:15 | 15:30 | 2.614 |
| 23.01.2020 | 15:30 | 15:45 | 2.612 |
| 23.01.2020 | 15:45 | 16:00 | 2.630 |
| 23.01.2020 | 16:00 | 16:15 | 2.654 |
| 23.01.2020 | 16:15 | 16:30 | 2.697 |
| 23.01.2020 | 16:30 | 16:45 | 2.770 |
| 23.01.2020 | 16:45 | 17:00 | 2.902 |
| 23.01.2020 | 17:00 | 17:15 | 2.967 |
| 23.01.2020 | 17:15 | 17:30 | 3.048 |
| 23.01.2020 | 17:30 | 17:45 | 3.222 |
| 23.01.2020 | 17:45 | 18:00 | 3.211 |
| 23.01.2020 | 18:00 | 18:15 | 3.242 |
| 23.01.2020 | 18:15 | 18:30 | 3.295 |
| 23.01.2020 | 18:30 | 18:45 | 3.200 |
| 23.01.2020 | 18:45 | 19:00 | 3.175 |
| 23.01.2020 | 19:00 | 19:15 | 3.069 |
| 23.01.2020 | 19:15 | 19:30 | 3.014 |
| 23.01.2020 | 19:30 | 19:45 | 2.910 |
| 23.01.2020 | 19:45 | 20:00 | 2.881 |
| 23.01.2020 | 20:00 | 20:15 | 2.724 |
| 23.01.2020 | 20:15 | 20:30 | 2.601 |
| 23.01.2020 | 20:30 | 20:45 | 2.491 |
| 23.01.2020 | 20:45 | 21:00 | 2.375 |
| 23.01.2020 | 21:00 | 21:15 | 2.257 |
| 23.01.2020 | 21:15 | 21:30 | 2.118 |
| 23.01.2020 | 21:30 | 21:45 | 2.013 |
| 23.01.2020 | 21:45 | 22:00 | 1.941 |
| 23.01.2020 | 22:00 | 22:15 | 2.006 |
| 23.01.2020 | 22:15 | 22:30 | 1.920 |
| 23.01.2020 | 22:30 | 22:45 | 1.844 |
| 23.01.2020 | 22:45 | 23:00 | 1.773 |
| 23.01.2020 | 23:00 | 23:15 | 1.696 |
| 23.01.2020 | 23:15 | 23:30 | 1.620 |
| 23.01.2020 | 23:30 | 23:45 | 1.547 |
| 23.01.2020 | 23:45 | 00:00 | 1.495 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.01.2020 | 00:00 | 00:15 | 1.414 |
| 24.01.2020 | 00:15 | 00:30 | 1.367 |
| 24.01.2020 | 00:30 | 00:45 | 1.332 |
| 24.01.2020 | 00:45 | 01:00 | 1.291 |
| 24.01.2020 | 01:00 | 01:15 | 1.261 |
| 24.01.2020 | 01:15 | 01:30 | 1.234 |
| 24.01.2020 | 01:30 | 01:45 | 1.206 |
| 24.01.2020 | 01:45 | 02:00 | 1.195 |
| 24.01.2020 | 02:00 | 02:15 | 1.163 |
| 24.01.2020 | 02:15 | 02:30 | 1.132 |
| 24.01.2020 | 02:30 | 02:45 | 1.115 |
| 24.01.2020 | 02:45 | 03:00 | 1.122 |
| 24.01.2020 | 03:00 | 03:15 | 1.129 |
| 24.01.2020 | 03:15 | 03:30 | 1.132 |
| 24.01.2020 | 03:30 | 03:45 | 1.148 |
| 24.01.2020 | 03:45 | 04:00 | 1.158 |
| 24.01.2020 | 04:00 | 04:15 | 1.176 |
| 24.01.2020 | 04:15 | 04:30 | 1.197 |
| 24.01.2020 | 04:30 | 04:45 | 1.241 |
| 24.01.2020 | 04:45 | 05:00 | 1.301 |
| 24.01.2020 | 05:00 | 05:15 | 1.366 |
| 24.01.2020 | 05:15 | 05:30 | 1.418 |
| 24.01.2020 | 05:30 | 05:45 | 1.483 |
| 24.01.2020 | 05:45 | 06:00 | 1.580 |
| 24.01.2020 | 06:00 | 06:15 | 1.723 |
| 24.01.2020 | 06:15 | 06:30 | 1.876 |
| 24.01.2020 | 06:30 | 06:45 | 2.016 |
| 24.01.2020 | 06:45 | 07:00 | 2.149 |
| 24.01.2020 | 07:00 | 07:15 | 2.309 |
| 24.01.2020 | 07:15 | 07:30 | 2.407 |
| 24.01.2020 | 07:30 | 07:45 | 2.475 |
| 24.01.2020 | 07:45 | 08:00 | 2.517 |
| 24.01.2020 | 08:00 | 08:15 | 2.571 |
| 24.01.2020 | 08:15 | 08:30 | 2.609 |
| 24.01.2020 | 08:30 | 08:45 | 2.592 |
| 24.01.2020 | 08:45 | 09:00 | 2.649 |
| 24.01.2020 | 09:00 | 09:15 | 2.685 |
| 24.01.2020 | 09:15 | 09:30 | 2.694 |
| 24.01.2020 | 09:30 | 09:45 | 2.722 |
| 24.01.2020 | 09:45 | 10:00 | 2.755 |
| 24.01.2020 | 10:00 | 10:15 | 2.804 |
| 24.01.2020 | 10:15 | 10:30 | 2.772 |
| 24.01.2020 | 10:30 | 10:45 | 2.821 |
| 24.01.2020 | 10:45 | 11:00 | 2.880 |
| 24.01.2020 | 11:00 | 11:15 | 2.922 |
| 24.01.2020 | 11:15 | 11:30 | 2.952 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.01.2020 | 11:30 | 11:45 | 2.997 |
| 24.01.2020 | 11:45 | 12:00 | 3.036 |
| 24.01.2020 | 12:00 | 12:15 | 3.064 |
| 24.01.2020 | 12:15 | 12:30 | 3.102 |
| 24.01.2020 | 12:30 | 12:45 | 3.077 |
| 24.01.2020 | 12:45 | 13:00 | 3.059 |
| 24.01.2020 | 13:00 | 13:15 | 3.017 |
| 24.01.2020 | 13:15 | 13:30 | 2.971 |
| 24.01.2020 | 13:30 | 13:45 | 2.963 |
| 24.01.2020 | 13:45 | 14:00 | 2.898 |
| 24.01.2020 | 14:00 | 14:15 | 2.861 |
| 24.01.2020 | 14:15 | 14:30 | 2.797 |
| 24.01.2020 | 14:30 | 14:45 | 2.808 |
| 24.01.2020 | 14:45 | 15:00 | 2.777 |
| 24.01.2020 | 15:00 | 15:15 | 2.758 |
| 24.01.2020 | 15:15 | 15:30 | 2.759 |
| 24.01.2020 | 15:30 | 15:45 | 2.786 |
| 24.01.2020 | 15:45 | 16:00 | 2.811 |
| 24.01.2020 | 16:00 | 16:15 | 2.874 |
| 24.01.2020 | 16:15 | 16:30 | 2.913 |
| 24.01.2020 | 16:30 | 16:45 | 2.895 |
| 24.01.2020 | 16:45 | 17:00 | 2.933 |
| 24.01.2020 | 17:00 | 17:15 | 2.919 |
| 24.01.2020 | 17:15 | 17:30 | 3.040 |
| 24.01.2020 | 17:30 | 17:45 | 3.105 |
| 24.01.2020 | 17:45 | 18:00 | 3.104 |
| 24.01.2020 | 18:00 | 18:15 | 3.117 |
| 24.01.2020 | 18:15 | 18:30 | 3.112 |
| 24.01.2020 | 18:30 | 18:45 | 3.079 |
| 24.01.2020 | 18:45 | 19:00 | 3.033 |
| 24.01.2020 | 19:00 | 19:15 | 2.968 |
| 24.01.2020 | 19:15 | 19:30 | 2.924 |
| 24.01.2020 | 19:30 | 19:45 | 2.811 |
| 24.01.2020 | 19:45 | 20:00 | 2.732 |
| 24.01.2020 | 20:00 | 20:15 | 2.596 |
| 24.01.2020 | 20:15 | 20:30 | 2.466 |
| 24.01.2020 | 20:30 | 20:45 | 2.379 |
| 24.01.2020 | 20:45 | 21:00 | 2.314 |
| 24.01.2020 | 21:00 | 21:15 | 2.197 |
| 24.01.2020 | 21:15 | 21:30 | 2.107 |
| 24.01.2020 | 21:30 | 21:45 | 2.010 |
| 24.01.2020 | 21:45 | 22:00 | 1.928 |
| 24.01.2020 | 22:00 | 22:15 | 1.986 |
| 24.01.2020 | 22:15 | 22:30 | 1.886 |
| 24.01.2020 | 22:30 | 22:45 | 1.862 |
| 24.01.2020 | 22:45 | 23:00 | 1.831 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.01.2020 | 23:00 | 23:15 | 1.744 |
| 24.01.2020 | 23:15 | 23:30 | 1.694 |
| 24.01.2020 | 23:30 | 23:45 | 1.622 |
| 24.01.2020 | 23:45 | 00:00 | 1.551 |
| 25.01.2020 | 00:00 | 00:15 | 1.488 |
| 25.01.2020 | 00:15 | 00:30 | 1.440 |
| 25.01.2020 | 00:30 | 00:45 | 1.386 |
| 25.01.2020 | 00:45 | 01:00 | 1.354 |
| 25.01.2020 | 01:00 | 01:15 | 1.298 |
| 25.01.2020 | 01:15 | 01:30 | 1.263 |
| 25.01.2020 | 01:30 | 01:45 | 1.236 |
| 25.01.2020 | 01:45 | 02:00 | 1.211 |
| 25.01.2020 | 02:00 | 02:15 | 1.189 |
| 25.01.2020 | 02:15 | 02:30 | 1.193 |
| 25.01.2020 | 02:30 | 02:45 | 1.189 |
| 25.01.2020 | 02:45 | 03:00 | 1.172 |
| 25.01.2020 | 03:00 | 03:15 | 1.177 |
| 25.01.2020 | 03:15 | 03:30 | 1.170 |
| 25.01.2020 | 03:30 | 03:45 | 1.165 |
| 25.01.2020 | 03:45 | 04:00 | 1.160 |
| 25.01.2020 | 04:00 | 04:15 | 1.166 |
| 25.01.2020 | 04:15 | 04:30 | 1.175 |
| 25.01.2020 | 04:30 | 04:45 | 1.149 |
| 25.01.2020 | 04:45 | 05:00 | 1.160 |
| 25.01.2020 | 05:00 | 05:15 | 1.179 |
| 25.01.2020 | 05:15 | 05:30 | 1.179 |
| 25.01.2020 | 05:30 | 05:45 | 1.188 |
| 25.01.2020 | 05:45 | 06:00 | 1.211 |
| 25.01.2020 | 06:00 | 06:15 | 1.212 |
| 25.01.2020 | 06:15 | 06:30 | 1.239 |
| 25.01.2020 | 06:30 | 06:45 | 1.279 |
| 25.01.2020 | 06:45 | 07:00 | 1.344 |
| 25.01.2020 | 07:00 | 07:15 | 1.419 |
| 25.01.2020 | 07:15 | 07:30 | 1.468 |
| 25.01.2020 | 07:30 | 07:45 | 1.526 |
| 25.01.2020 | 07:45 | 08:00 | 1.602 |
| 25.01.2020 | 08:00 | 08:15 | 1.665 |
| 25.01.2020 | 08:15 | 08:30 | 1.727 |
| 25.01.2020 | 08:30 | 08:45 | 1.828 |
| 25.01.2020 | 08:45 | 09:00 | 1.920 |
| 25.01.2020 | 09:00 | 09:15 | 2.014 |
| 25.01.2020 | 09:15 | 09:30 | 2.098 |
| 25.01.2020 | 09:30 | 09:45 | 2.163 |
| 25.01.2020 | 09:45 | 10:00 | 2.203 |
| 25.01.2020 | 10:00 | 10:15 | 2.241 |
| 25.01.2020 | 10:15 | 10:30 | 2.306 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.01.2020 | 10:30 | 10:45 | 2.336 |
| 25.01.2020 | 10:45 | 11:00 | 2.368 |
| 25.01.2020 | 11:00 | 11:15 | 2.401 |
| 25.01.2020 | 11:15 | 11:30 | 2.435 |
| 25.01.2020 | 11:30 | 11:45 | 2.492 |
| 25.01.2020 | 11:45 | 12:00 | 2.480 |
| 25.01.2020 | 12:00 | 12:15 | 2.484 |
| 25.01.2020 | 12:15 | 12:30 | 2.465 |
| 25.01.2020 | 12:30 | 12:45 | 2.442 |
| 25.01.2020 | 12:45 | 13:00 | 2.444 |
| 25.01.2020 | 13:00 | 13:15 | 2.436 |
| 25.01.2020 | 13:15 | 13:30 | 2.431 |
| 25.01.2020 | 13:30 | 13:45 | 2.448 |
| 25.01.2020 | 13:45 | 14:00 | 2.466 |
| 25.01.2020 | 14:00 | 14:15 | 2.423 |
| 25.01.2020 | 14:15 | 14:30 | 2.374 |
| 25.01.2020 | 14:30 | 14:45 | 2.354 |
| 25.01.2020 | 14:45 | 15:00 | 2.302 |
| 25.01.2020 | 15:00 | 15:15 | 2.276 |
| 25.01.2020 | 15:15 | 15:30 | 2.293 |
| 25.01.2020 | 15:30 | 15:45 | 2.283 |
| 25.01.2020 | 15:45 | 16:00 | 2.290 |
| 25.01.2020 | 16:00 | 16:15 | 2.315 |
| 25.01.2020 | 16:15 | 16:30 | 2.363 |
| 25.01.2020 | 16:30 | 16:45 | 2.386 |
| 25.01.2020 | 16:45 | 17:00 | 2.394 |
| 25.01.2020 | 17:00 | 17:15 | 2.473 |
| 25.01.2020 | 17:15 | 17:30 | 2.528 |
| 25.01.2020 | 17:30 | 17:45 | 2.606 |
| 25.01.2020 | 17:45 | 18:00 | 2.592 |
| 25.01.2020 | 18:00 | 18:15 | 2.580 |
| 25.01.2020 | 18:15 | 18:30 | 2.539 |
| 25.01.2020 | 18:30 | 18:45 | 2.481 |
| 25.01.2020 | 18:45 | 19:00 | 2.458 |
| 25.01.2020 | 19:00 | 19:15 | 2.387 |
| 25.01.2020 | 19:15 | 19:30 | 2.329 |
| 25.01.2020 | 19:30 | 19:45 | 2.255 |
| 25.01.2020 | 19:45 | 20:00 | 2.177 |
| 25.01.2020 | 20:00 | 20:15 | 2.087 |
| 25.01.2020 | 20:15 | 20:30 | 2.013 |
| 25.01.2020 | 20:30 | 20:45 | 1.941 |
| 25.01.2020 | 20:45 | 21:00 | 1.885 |
| 25.01.2020 | 21:00 | 21:15 | 1.822 |
| 25.01.2020 | 21:15 | 21:30 | 1.759 |
| 25.01.2020 | 21:30 | 21:45 | 1.702 |
| 25.01.2020 | 21:45 | 22:00 | 1.659 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.01.2020 | 22:00 | 22:15 | 1.782 |
| 25.01.2020 | 22:15 | 22:30 | 1.762 |
| 25.01.2020 | 22:30 | 22:45 | 1.706 |
| 25.01.2020 | 22:45 | 23:00 | 1.656 |
| 25.01.2020 | 23:00 | 23:15 | 1.605 |
| 25.01.2020 | 23:15 | 23:30 | 1.555 |
| 25.01.2020 | 23:30 | 23:45 | 1.457 |
| 25.01.2020 | 23:45 | 00:00 | 1.378 |
| 26.01.2020 | 00:00 | 00:15 | 1.332 |
| 26.01.2020 | 00:15 | 00:30 | 1.293 |
| 26.01.2020 | 00:30 | 00:45 | 1.260 |
| 26.01.2020 | 00:45 | 01:00 | 1.220 |
| 26.01.2020 | 01:00 | 01:15 | 1.163 |
| 26.01.2020 | 01:15 | 01:30 | 1.123 |
| 26.01.2020 | 01:30 | 01:45 | 1.092 |
| 26.01.2020 | 01:45 | 02:00 | 1.074 |
| 26.01.2020 | 02:00 | 02:15 | 1.054 |
| 26.01.2020 | 02:15 | 02:30 | 1.041 |
| 26.01.2020 | 02:30 | 02:45 | 1.031 |
| 26.01.2020 | 02:45 | 03:00 | 1.013 |
| 26.01.2020 | 03:00 | 03:15 | 1.014 |
| 26.01.2020 | 03:15 | 03:30 | 1.005 |
| 26.01.2020 | 03:30 | 03:45 | 1.002 |
| 26.01.2020 | 03:45 | 04:00 | 1.001 |
| 26.01.2020 | 04:00 | 04:15 | 1.003 |
| 26.01.2020 | 04:15 | 04:30 | 1.006 |
| 26.01.2020 | 04:30 | 04:45 | 1.015 |
| 26.01.2020 | 04:45 | 05:00 | 1.007 |
| 26.01.2020 | 05:00 | 05:15 | 1.020 |
| 26.01.2020 | 05:15 | 05:30 | 1.029 |
| 26.01.2020 | 05:30 | 05:45 | 1.033 |
| 26.01.2020 | 05:45 | 06:00 | 1.059 |
| 26.01.2020 | 06:00 | 06:15 | 1.040 |
| 26.01.2020 | 06:15 | 06:30 | 1.052 |
| 26.01.2020 | 06:30 | 06:45 | 1.084 |
| 26.01.2020 | 06:45 | 07:00 | 1.107 |
| 26.01.2020 | 07:00 | 07:15 | 1.132 |
| 26.01.2020 | 07:15 | 07:30 | 1.182 |
| 26.01.2020 | 07:30 | 07:45 | 1.233 |
| 26.01.2020 | 07:45 | 08:00 | 1.286 |
| 26.01.2020 | 08:00 | 08:15 | 1.294 |
| 26.01.2020 | 08:15 | 08:30 | 1.349 |
| 26.01.2020 | 08:30 | 08:45 | 1.419 |
| 26.01.2020 | 08:45 | 09:00 | 1.493 |
| 26.01.2020 | 09:00 | 09:15 | 1.567 |
| 26.01.2020 | 09:15 | 09:30 | 1.647 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.01.2020 | 09:30 | 09:45 | 1.720 |
| 26.01.2020 | 09:45 | 10:00 | 1.803 |
| 26.01.2020 | 10:00 | 10:15 | 1.860 |
| 26.01.2020 | 10:15 | 10:30 | 1.914 |
| 26.01.2020 | 10:30 | 10:45 | 1.982 |
| 26.01.2020 | 10:45 | 11:00 | 2.013 |
| 26.01.2020 | 11:00 | 11:15 | 2.078 |
| 26.01.2020 | 11:15 | 11:30 | 2.138 |
| 26.01.2020 | 11:30 | 11:45 | 2.205 |
| 26.01.2020 | 11:45 | 12:00 | 2.184 |
| 26.01.2020 | 12:00 | 12:15 | 2.184 |
| 26.01.2020 | 12:15 | 12:30 | 2.227 |
| 26.01.2020 | 12:30 | 12:45 | 2.197 |
| 26.01.2020 | 12:45 | 13:00 | 2.164 |
| 26.01.2020 | 13:00 | 13:15 | 2.131 |
| 26.01.2020 | 13:15 | 13:30 | 2.094 |
| 26.01.2020 | 13:30 | 13:45 | 2.042 |
| 26.01.2020 | 13:45 | 14:00 | 1.989 |
| 26.01.2020 | 14:00 | 14:15 | 1.956 |
| 26.01.2020 | 14:15 | 14:30 | 1.924 |
| 26.01.2020 | 14:30 | 14:45 | 1.897 |
| 26.01.2020 | 14:45 | 15:00 | 1.852 |
| 26.01.2020 | 15:00 | 15:15 | 1.840 |
| 26.01.2020 | 15:15 | 15:30 | 1.829 |
| 26.01.2020 | 15:30 | 15:45 | 1.799 |
| 26.01.2020 | 15:45 | 16:00 | 1.815 |
| 26.01.2020 | 16:00 | 16:15 | 1.839 |
| 26.01.2020 | 16:15 | 16:30 | 1.837 |
| 26.01.2020 | 16:30 | 16:45 | 1.873 |
| 26.01.2020 | 16:45 | 17:00 | 1.889 |
| 26.01.2020 | 17:00 | 17:15 | 2.006 |
| 26.01.2020 | 17:15 | 17:30 | 2.139 |
| 26.01.2020 | 17:30 | 17:45 | 2.322 |
| 26.01.2020 | 17:45 | 18:00 | 2.425 |
| 26.01.2020 | 18:00 | 18:15 | 2.457 |
| 26.01.2020 | 18:15 | 18:30 | 2.479 |
| 26.01.2020 | 18:30 | 18:45 | 2.464 |
| 26.01.2020 | 18:45 | 19:00 | 2.437 |
| 26.01.2020 | 19:00 | 19:15 | 2.393 |
| 26.01.2020 | 19:15 | 19:30 | 2.354 |
| 26.01.2020 | 19:30 | 19:45 | 2.288 |
| 26.01.2020 | 19:45 | 20:00 | 2.211 |
| 26.01.2020 | 20:00 | 20:15 | 2.125 |
| 26.01.2020 | 20:15 | 20:30 | 2.015 |
| 26.01.2020 | 20:30 | 20:45 | 1.905 |
| 26.01.2020 | 20:45 | 21:00 | 1.829 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.01.2020 | 21:00 | 21:15 | 1.831 |
| 26.01.2020 | 21:15 | 21:30 | 1.779 |
| 26.01.2020 | 21:30 | 21:45 | 1.711 |
| 26.01.2020 | 21:45 | 22:00 | 1.665 |
| 26.01.2020 | 22:00 | 22:15 | 1.753 |
| 26.01.2020 | 22:15 | 22:30 | 1.704 |
| 26.01.2020 | 22:30 | 22:45 | 1.639 |
| 26.01.2020 | 22:45 | 23:00 | 1.577 |
| 26.01.2020 | 23:00 | 23:15 | 1.502 |
| 26.01.2020 | 23:15 | 23:30 | 1.454 |
| 26.01.2020 | 23:30 | 23:45 | 1.400 |
| 26.01.2020 | 23:45 | 00:00 | 1.315 |
| 27.01.2020 | 00:00 | 00:15 | 1.218 |
| 27.01.2020 | 00:15 | 00:30 | 1.174 |
| 27.01.2020 | 00:30 | 00:45 | 1.148 |
| 27.01.2020 | 00:45 | 01:00 | 1.117 |
| 27.01.2020 | 01:00 | 01:15 | 1.086 |
| 27.01.2020 | 01:15 | 01:30 | 1.062 |
| 27.01.2020 | 01:30 | 01:45 | 1.043 |
| 27.01.2020 | 01:45 | 02:00 | 1.030 |
| 27.01.2020 | 02:00 | 02:15 | 1.022 |
| 27.01.2020 | 02:15 | 02:30 | 1.010 |
| 27.01.2020 | 02:30 | 02:45 | 1.004 |
| 27.01.2020 | 02:45 | 03:00 | 1.002 |
| 27.01.2020 | 03:00 | 03:15 | 1.003 |
| 27.01.2020 | 03:15 | 03:30 | 1.004 |
| 27.01.2020 | 03:30 | 03:45 | 1.014 |
| 27.01.2020 | 03:45 | 04:00 | 1.027 |
| 27.01.2020 | 04:00 | 04:15 | 1.056 |
| 27.01.2020 | 04:15 | 04:30 | 1.077 |
| 27.01.2020 | 04:30 | 04:45 | 1.099 |
| 27.01.2020 | 04:45 | 05:00 | 1.128 |
| 27.01.2020 | 05:00 | 05:15 | 1.209 |
| 27.01.2020 | 05:15 | 05:30 | 1.275 |
| 27.01.2020 | 05:30 | 05:45 | 1.350 |
| 27.01.2020 | 05:45 | 06:00 | 1.469 |
| 27.01.2020 | 06:00 | 06:15 | 1.646 |
| 27.01.2020 | 06:15 | 06:30 | 1.829 |
| 27.01.2020 | 06:30 | 06:45 | 1.954 |
| 27.01.2020 | 06:45 | 07:00 | 2.087 |
| 27.01.2020 | 07:00 | 07:15 | 2.226 |
| 27.01.2020 | 07:15 | 07:30 | 2.353 |
| 27.01.2020 | 07:30 | 07:45 | 2.389 |
| 27.01.2020 | 07:45 | 08:00 | 2.460 |
| 27.01.2020 | 08:00 | 08:15 | 2.466 |
| 27.01.2020 | 08:15 | 08:30 | 2.490 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.01.2020 | 08:30 | 08:45 | 2.528 |
| 27.01.2020 | 08:45 | 09:00 | 2.532 |
| 27.01.2020 | 09:00 | 09:15 | 2.559 |
| 27.01.2020 | 09:15 | 09:30 | 2.602 |
| 27.01.2020 | 09:30 | 09:45 | 2.648 |
| 27.01.2020 | 09:45 | 10:00 | 2.641 |
| 27.01.2020 | 10:00 | 10:15 | 2.646 |
| 27.01.2020 | 10:15 | 10:30 | 2.724 |
| 27.01.2020 | 10:30 | 10:45 | 2.757 |
| 27.01.2020 | 10:45 | 11:00 | 2.797 |
| 27.01.2020 | 11:00 | 11:15 | 2.803 |
| 27.01.2020 | 11:15 | 11:30 | 2.839 |
| 27.01.2020 | 11:30 | 11:45 | 2.883 |
| 27.01.2020 | 11:45 | 12:00 | 2.989 |
| 27.01.2020 | 12:00 | 12:15 | 2.987 |
| 27.01.2020 | 12:15 | 12:30 | 2.993 |
| 27.01.2020 | 12:30 | 12:45 | 3.008 |
| 27.01.2020 | 12:45 | 13:00 | 2.995 |
| 27.01.2020 | 13:00 | 13:15 | 2.987 |
| 27.01.2020 | 13:15 | 13:30 | 2.977 |
| 27.01.2020 | 13:30 | 13:45 | 2.941 |
| 27.01.2020 | 13:45 | 14:00 | 2.886 |
| 27.01.2020 | 14:00 | 14:15 | 2.820 |
| 27.01.2020 | 14:15 | 14:30 | 2.825 |
| 27.01.2020 | 14:30 | 14:45 | 2.786 |
| 27.01.2020 | 14:45 | 15:00 | 2.773 |
| 27.01.2020 | 15:00 | 15:15 | 2.767 |
| 27.01.2020 | 15:15 | 15:30 | 2.709 |
| 27.01.2020 | 15:30 | 15:45 | 2.676 |
| 27.01.2020 | 15:45 | 16:00 | 2.606 |
| 27.01.2020 | 16:00 | 16:15 | 2.586 |
| 27.01.2020 | 16:15 | 16:30 | 2.638 |
| 27.01.2020 | 16:30 | 16:45 | 2.701 |
| 27.01.2020 | 16:45 | 17:00 | 2.761 |
| 27.01.2020 | 17:00 | 17:15 | 2.887 |
| 27.01.2020 | 17:15 | 17:30 | 2.959 |
| 27.01.2020 | 17:30 | 17:45 | 3.055 |
| 27.01.2020 | 17:45 | 18:00 | 3.073 |
| 27.01.2020 | 18:00 | 18:15 | 3.065 |
| 27.01.2020 | 18:15 | 18:30 | 3.060 |
| 27.01.2020 | 18:30 | 18:45 | 3.060 |
| 27.01.2020 | 18:45 | 19:00 | 3.070 |
| 27.01.2020 | 19:00 | 19:15 | 2.994 |
| 27.01.2020 | 19:15 | 19:30 | 2.906 |
| 27.01.2020 | 19:30 | 19:45 | 2.844 |
| 27.01.2020 | 19:45 | 20:00 | 2.778 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.01.2020 | 20:00 | 20:15 | 2.645 |
| 27.01.2020 | 20:15 | 20:30 | 2.495 |
| 27.01.2020 | 20:30 | 20:45 | 2.364 |
| 27.01.2020 | 20:45 | 21:00 | 2.272 |
| 27.01.2020 | 21:00 | 21:15 | 2.176 |
| 27.01.2020 | 21:15 | 21:30 | 2.051 |
| 27.01.2020 | 21:30 | 21:45 | 1.940 |
| 27.01.2020 | 21:45 | 22:00 | 1.850 |
| 27.01.2020 | 22:00 | 22:15 | 1.889 |
| 27.01.2020 | 22:15 | 22:30 | 1.828 |
| 27.01.2020 | 22:30 | 22:45 | 1.768 |
| 27.01.2020 | 22:45 | 23:00 | 1.718 |
| 27.01.2020 | 23:00 | 23:15 | 1.648 |
| 27.01.2020 | 23:15 | 23:30 | 1.579 |
| 27.01.2020 | 23:30 | 23:45 | 1.517 |
| 27.01.2020 | 23:45 | 00:00 | 1.462 |
| 28.01.2020 | 00:00 | 00:15 | 1.395 |
| 28.01.2020 | 00:15 | 00:30 | 1.341 |
| 28.01.2020 | 00:30 | 00:45 | 1.310 |
| 28.01.2020 | 00:45 | 01:00 | 1.283 |
| 28.01.2020 | 01:00 | 01:15 | 1.241 |
| 28.01.2020 | 01:15 | 01:30 | 1.209 |
| 28.01.2020 | 01:30 | 01:45 | 1.171 |
| 28.01.2020 | 01:45 | 02:00 | 1.142 |
| 28.01.2020 | 02:00 | 02:15 | 1.122 |
| 28.01.2020 | 02:15 | 02:30 | 1.110 |
| 28.01.2020 | 02:30 | 02:45 | 1.093 |
| 28.01.2020 | 02:45 | 03:00 | 1.087 |
| 28.01.2020 | 03:00 | 03:15 | 1.087 |
| 28.01.2020 | 03:15 | 03:30 | 1.084 |
| 28.01.2020 | 03:30 | 03:45 | 1.092 |
| 28.01.2020 | 03:45 | 04:00 | 1.103 |
| 28.01.2020 | 04:00 | 04:15 | 1.139 |
| 28.01.2020 | 04:15 | 04:30 | 1.170 |
| 28.01.2020 | 04:30 | 04:45 | 1.198 |
| 28.01.2020 | 04:45 | 05:00 | 1.226 |
| 28.01.2020 | 05:00 | 05:15 | 1.301 |
| 28.01.2020 | 05:15 | 05:30 | 1.354 |
| 28.01.2020 | 05:30 | 05:45 | 1.421 |
| 28.01.2020 | 05:45 | 06:00 | 1.529 |
| 28.01.2020 | 06:00 | 06:15 | 1.674 |
| 28.01.2020 | 06:15 | 06:30 | 1.840 |
| 28.01.2020 | 06:30 | 06:45 | 1.961 |
| 28.01.2020 | 06:45 | 07:00 | 2.105 |
| 28.01.2020 | 07:00 | 07:15 | 2.261 |
| 28.01.2020 | 07:15 | 07:30 | 2.360 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.01.2020 | 07:30 | 07:45 | 2.384 |
| 28.01.2020 | 07:45 | 08:00 | 2.475 |
| 28.01.2020 | 08:00 | 08:15 | 2.579 |
| 28.01.2020 | 08:15 | 08:30 | 2.532 |
| 28.01.2020 | 08:30 | 08:45 | 2.508 |
| 28.01.2020 | 08:45 | 09:00 | 2.561 |
| 28.01.2020 | 09:00 | 09:15 | 2.608 |
| 28.01.2020 | 09:15 | 09:30 | 2.661 |
| 28.01.2020 | 09:30 | 09:45 | 2.689 |
| 28.01.2020 | 09:45 | 10:00 | 2.704 |
| 28.01.2020 | 10:00 | 10:15 | 2.707 |
| 28.01.2020 | 10:15 | 10:30 | 2.808 |
| 28.01.2020 | 10:30 | 10:45 | 2.844 |
| 28.01.2020 | 10:45 | 11:00 | 2.856 |
| 28.01.2020 | 11:00 | 11:15 | 2.920 |
| 28.01.2020 | 11:15 | 11:30 | 2.967 |
| 28.01.2020 | 11:30 | 11:45 | 3.011 |
| 28.01.2020 | 11:45 | 12:00 | 3.046 |
| 28.01.2020 | 12:00 | 12:15 | 3.036 |
| 28.01.2020 | 12:15 | 12:30 | 3.051 |
| 28.01.2020 | 12:30 | 12:45 | 3.035 |
| 28.01.2020 | 12:45 | 13:00 | 3.029 |
| 28.01.2020 | 13:00 | 13:15 | 3.014 |
| 28.01.2020 | 13:15 | 13:30 | 2.969 |
| 28.01.2020 | 13:30 | 13:45 | 2.875 |
| 28.01.2020 | 13:45 | 14:00 | 2.849 |
| 28.01.2020 | 14:00 | 14:15 | 2.783 |
| 28.01.2020 | 14:15 | 14:30 | 2.743 |
| 28.01.2020 | 14:30 | 14:45 | 2.722 |
| 28.01.2020 | 14:45 | 15:00 | 2.722 |
| 28.01.2020 | 15:00 | 15:15 | 2.688 |
| 28.01.2020 | 15:15 | 15:30 | 2.666 |
| 28.01.2020 | 15:30 | 15:45 | 2.647 |
| 28.01.2020 | 15:45 | 16:00 | 2.656 |
| 28.01.2020 | 16:00 | 16:15 | 2.748 |
| 28.01.2020 | 16:15 | 16:30 | 2.713 |
| 28.01.2020 | 16:30 | 16:45 | 2.665 |
| 28.01.2020 | 16:45 | 17:00 | 2.788 |
| 28.01.2020 | 17:00 | 17:15 | 2.905 |
| 28.01.2020 | 17:15 | 17:30 | 3.017 |
| 28.01.2020 | 17:30 | 17:45 | 3.174 |
| 28.01.2020 | 17:45 | 18:00 | 3.246 |
| 28.01.2020 | 18:00 | 18:15 | 3.287 |
| 28.01.2020 | 18:15 | 18:30 | 3.310 |
| 28.01.2020 | 18:30 | 18:45 | 3.285 |
| 28.01.2020 | 18:45 | 19:00 | 3.227 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.01.2020 | 19:00 | 19:15 | 3.168 |
| 28.01.2020 | 19:15 | 19:30 | 3.077 |
| 28.01.2020 | 19:30 | 19:45 | 2.971 |
| 28.01.2020 | 19:45 | 20:00 | 2.891 |
| 28.01.2020 | 20:00 | 20:15 | 2.728 |
| 28.01.2020 | 20:15 | 20:30 | 2.602 |
| 28.01.2020 | 20:30 | 20:45 | 2.515 |
| 28.01.2020 | 20:45 | 21:00 | 2.423 |
| 28.01.2020 | 21:00 | 21:15 | 2.300 |
| 28.01.2020 | 21:15 | 21:30 | 2.161 |
| 28.01.2020 | 21:30 | 21:45 | 2.051 |
| 28.01.2020 | 21:45 | 22:00 | 1.928 |
| 28.01.2020 | 22:00 | 22:15 | 1.963 |
| 28.01.2020 | 22:15 | 22:30 | 1.883 |
| 28.01.2020 | 22:30 | 22:45 | 1.822 |
| 28.01.2020 | 22:45 | 23:00 | 1.715 |
| 28.01.2020 | 23:00 | 23:15 | 1.637 |
| 28.01.2020 | 23:15 | 23:30 | 1.582 |
| 28.01.2020 | 23:30 | 23:45 | 1.517 |
| 28.01.2020 | 23:45 | 00:00 | 1.447 |
| 29.01.2020 | 00:00 | 00:15 | 1.407 |
| 29.01.2020 | 00:15 | 00:30 | 1.386 |
| 29.01.2020 | 00:30 | 00:45 | 1.361 |
| 29.01.2020 | 00:45 | 01:00 | 1.325 |
| 29.01.2020 | 01:00 | 01:15 | 1.282 |
| 29.01.2020 | 01:15 | 01:30 | 1.246 |
| 29.01.2020 | 01:30 | 01:45 | 1.205 |
| 29.01.2020 | 01:45 | 02:00 | 1.167 |
| 29.01.2020 | 02:00 | 02:15 | 1.156 |
| 29.01.2020 | 02:15 | 02:30 | 1.147 |
| 29.01.2020 | 02:30 | 02:45 | 1.133 |
| 29.01.2020 | 02:45 | 03:00 | 1.109 |
| 29.01.2020 | 03:00 | 03:15 | 1.101 |
| 29.01.2020 | 03:15 | 03:30 | 1.106 |
| 29.01.2020 | 03:30 | 03:45 | 1.112 |
| 29.01.2020 | 03:45 | 04:00 | 1.140 |
| 29.01.2020 | 04:00 | 04:15 | 1.172 |
| 29.01.2020 | 04:15 | 04:30 | 1.184 |
| 29.01.2020 | 04:30 | 04:45 | 1.215 |
| 29.01.2020 | 04:45 | 05:00 | 1.257 |
| 29.01.2020 | 05:00 | 05:15 | 1.334 |
| 29.01.2020 | 05:15 | 05:30 | 1.369 |
| 29.01.2020 | 05:30 | 05:45 | 1.447 |
| 29.01.2020 | 05:45 | 06:00 | 1.553 |
| 29.01.2020 | 06:00 | 06:15 | 1.686 |
| 29.01.2020 | 06:15 | 06:30 | 1.828 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.01.2020 | 06:30 | 06:45 | 1.972 |
| 29.01.2020 | 06:45 | 07:00 | 2.104 |
| 29.01.2020 | 07:00 | 07:15 | 2.286 |
| 29.01.2020 | 07:15 | 07:30 | 2.395 |
| 29.01.2020 | 07:30 | 07:45 | 2.432 |
| 29.01.2020 | 07:45 | 08:00 | 2.481 |
| 29.01.2020 | 08:00 | 08:15 | 2.498 |
| 29.01.2020 | 08:15 | 08:30 | 2.494 |
| 29.01.2020 | 08:30 | 08:45 | 2.510 |
| 29.01.2020 | 08:45 | 09:00 | 2.530 |
| 29.01.2020 | 09:00 | 09:15 | 2.557 |
| 29.01.2020 | 09:15 | 09:30 | 2.613 |
| 29.01.2020 | 09:30 | 09:45 | 2.669 |
| 29.01.2020 | 09:45 | 10:00 | 2.734 |
| 29.01.2020 | 10:00 | 10:15 | 2.724 |
| 29.01.2020 | 10:15 | 10:30 | 2.732 |
| 29.01.2020 | 10:30 | 10:45 | 2.780 |
| 29.01.2020 | 10:45 | 11:00 | 2.831 |
| 29.01.2020 | 11:00 | 11:15 | 2.945 |
| 29.01.2020 | 11:15 | 11:30 | 2.986 |
| 29.01.2020 | 11:30 | 11:45 | 3.011 |
| 29.01.2020 | 11:45 | 12:00 | 3.000 |
| 29.01.2020 | 12:00 | 12:15 | 3.015 |
| 29.01.2020 | 12:15 | 12:30 | 3.036 |
| 29.01.2020 | 12:30 | 12:45 | 3.050 |
| 29.01.2020 | 12:45 | 13:00 | 3.021 |
| 29.01.2020 | 13:00 | 13:15 | 2.968 |
| 29.01.2020 | 13:15 | 13:30 | 2.893 |
| 29.01.2020 | 13:30 | 13:45 | 2.896 |
| 29.01.2020 | 13:45 | 14:00 | 2.848 |
| 29.01.2020 | 14:00 | 14:15 | 2.785 |
| 29.01.2020 | 14:15 | 14:30 | 2.745 |
| 29.01.2020 | 14:30 | 14:45 | 2.694 |
| 29.01.2020 | 14:45 | 15:00 | 2.655 |
| 29.01.2020 | 15:00 | 15:15 | 2.651 |
| 29.01.2020 | 15:15 | 15:30 | 2.710 |
| 29.01.2020 | 15:30 | 15:45 | 2.680 |
| 29.01.2020 | 15:45 | 16:00 | 2.685 |
| 29.01.2020 | 16:00 | 16:15 | 2.704 |
| 29.01.2020 | 16:15 | 16:30 | 2.715 |
| 29.01.2020 | 16:30 | 16:45 | 2.691 |
| 29.01.2020 | 16:45 | 17:00 | 2.807 |
| 29.01.2020 | 17:00 | 17:15 | 2.915 |
| 29.01.2020 | 17:15 | 17:30 | 3.016 |
| 29.01.2020 | 17:30 | 17:45 | 3.124 |
| 29.01.2020 | 17:45 | 18:00 | 3.215 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.01.2020 | 18:00 | 18:15 | 3.251 |
| 29.01.2020 | 18:15 | 18:30 | 3.277 |
| 29.01.2020 | 18:30 | 18:45 | 3.212 |
| 29.01.2020 | 18:45 | 19:00 | 3.259 |
| 29.01.2020 | 19:00 | 19:15 | 3.276 |
| 29.01.2020 | 19:15 | 19:30 | 3.210 |
| 29.01.2020 | 19:30 | 19:45 | 3.166 |
| 29.01.2020 | 19:45 | 20:00 | 3.123 |
| 29.01.2020 | 20:00 | 20:15 | 2.907 |
| 29.01.2020 | 20:15 | 20:30 | 2.795 |
| 29.01.2020 | 20:30 | 20:45 | 2.662 |
| 29.01.2020 | 20:45 | 21:00 | 2.573 |
| 29.01.2020 | 21:00 | 21:15 | 2.391 |
| 29.01.2020 | 21:15 | 21:30 | 2.278 |
| 29.01.2020 | 21:30 | 21:45 | 2.152 |
| 29.01.2020 | 21:45 | 22:00 | 2.061 |
| 29.01.2020 | 22:00 | 22:15 | 2.065 |
| 29.01.2020 | 22:15 | 22:30 | 1.985 |
| 29.01.2020 | 22:30 | 22:45 | 1.903 |
| 29.01.2020 | 22:45 | 23:00 | 1.828 |
| 29.01.2020 | 23:00 | 23:15 | 1.740 |
| 29.01.2020 | 23:15 | 23:30 | 1.655 |
| 29.01.2020 | 23:30 | 23:45 | 1.578 |
| 29.01.2020 | 23:45 | 00:00 | 1.507 |
| 30.01.2020 | 00:00 | 00:15 | 1.462 |
| 30.01.2020 | 00:15 | 00:30 | 1.413 |
| 30.01.2020 | 00:30 | 00:45 | 1.365 |
| 30.01.2020 | 00:45 | 01:00 | 1.328 |
| 30.01.2020 | 01:00 | 01:15 | 1.289 |
| 30.01.2020 | 01:15 | 01:30 | 1.252 |
| 30.01.2020 | 01:30 | 01:45 | 1.224 |
| 30.01.2020 | 01:45 | 02:00 | 1.212 |
| 30.01.2020 | 02:00 | 02:15 | 1.190 |
| 30.01.2020 | 02:15 | 02:30 | 1.161 |
| 30.01.2020 | 02:30 | 02:45 | 1.138 |
| 30.01.2020 | 02:45 | 03:00 | 1.143 |
| 30.01.2020 | 03:00 | 03:15 | 1.159 |
| 30.01.2020 | 03:15 | 03:30 | 1.169 |
| 30.01.2020 | 03:30 | 03:45 | 1.166 |
| 30.01.2020 | 03:45 | 04:00 | 1.167 |
| 30.01.2020 | 04:00 | 04:15 | 1.200 |
| 30.01.2020 | 04:15 | 04:30 | 1.228 |
| 30.01.2020 | 04:30 | 04:45 | 1.263 |
| 30.01.2020 | 04:45 | 05:00 | 1.308 |
| 30.01.2020 | 05:00 | 05:15 | 1.326 |
| 30.01.2020 | 05:15 | 05:30 | 1.364 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.01.2020 | 05:30 | 05:45 | 1.436 |
| 30.01.2020 | 05:45 | 06:00 | 1.552 |
| 30.01.2020 | 06:00 | 06:15 | 1.703 |
| 30.01.2020 | 06:15 | 06:30 | 1.855 |
| 30.01.2020 | 06:30 | 06:45 | 1.965 |
| 30.01.2020 | 06:45 | 07:00 | 2.093 |
| 30.01.2020 | 07:00 | 07:15 | 2.245 |
| 30.01.2020 | 07:15 | 07:30 | 2.375 |
| 30.01.2020 | 07:30 | 07:45 | 2.432 |
| 30.01.2020 | 07:45 | 08:00 | 2.523 |
| 30.01.2020 | 08:00 | 08:15 | 2.571 |
| 30.01.2020 | 08:15 | 08:30 | 2.580 |
| 30.01.2020 | 08:30 | 08:45 | 2.562 |
| 30.01.2020 | 08:45 | 09:00 | 2.534 |
| 30.01.2020 | 09:00 | 09:15 | 2.561 |
| 30.01.2020 | 09:15 | 09:30 | 2.623 |
| 30.01.2020 | 09:30 | 09:45 | 2.595 |
| 30.01.2020 | 09:45 | 10:00 | 2.597 |
| 30.01.2020 | 10:00 | 10:15 | 2.612 |
| 30.01.2020 | 10:15 | 10:30 | 2.661 |
| 30.01.2020 | 10:30 | 10:45 | 2.700 |
| 30.01.2020 | 10:45 | 11:00 | 2.734 |
| 30.01.2020 | 11:00 | 11:15 | 2.751 |
| 30.01.2020 | 11:15 | 11:30 | 2.778 |
| 30.01.2020 | 11:30 | 11:45 | 2.752 |
| 30.01.2020 | 11:45 | 12:00 | 2.747 |
| 30.01.2020 | 12:00 | 12:15 | 2.690 |
| 30.01.2020 | 12:15 | 12:30 | 2.737 |
| 30.01.2020 | 12:30 | 12:45 | 2.758 |
| 30.01.2020 | 12:45 | 13:00 | 2.764 |
| 30.01.2020 | 13:00 | 13:15 | 2.812 |
| 30.01.2020 | 13:15 | 13:30 | 2.810 |
| 30.01.2020 | 13:30 | 13:45 | 2.808 |
| 30.01.2020 | 13:45 | 14:00 | 2.775 |
| 30.01.2020 | 14:00 | 14:15 | 2.649 |
| 30.01.2020 | 14:15 | 14:30 | 2.644 |
| 30.01.2020 | 14:30 | 14:45 | 2.666 |
| 30.01.2020 | 14:45 | 15:00 | 2.686 |
| 30.01.2020 | 15:00 | 15:15 | 2.687 |
| 30.01.2020 | 15:15 | 15:30 | 2.662 |
| 30.01.2020 | 15:30 | 15:45 | 2.654 |
| 30.01.2020 | 15:45 | 16:00 | 2.661 |
| 30.01.2020 | 16:00 | 16:15 | 2.697 |
| 30.01.2020 | 16:15 | 16:30 | 2.679 |
| 30.01.2020 | 16:30 | 16:45 | 2.749 |
| 30.01.2020 | 16:45 | 17:00 | 2.810 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.01.2020 | 17:00 | 17:15 | 2.980 |
| 30.01.2020 | 17:15 | 17:30 | 3.032 |
| 30.01.2020 | 17:30 | 17:45 | 3.115 |
| 30.01.2020 | 17:45 | 18:00 | 3.215 |
| 30.01.2020 | 18:00 | 18:15 | 3.203 |
| 30.01.2020 | 18:15 | 18:30 | 3.221 |
| 30.01.2020 | 18:30 | 18:45 | 3.178 |
| 30.01.2020 | 18:45 | 19:00 | 3.094 |
| 30.01.2020 | 19:00 | 19:15 | 3.047 |
| 30.01.2020 | 19:15 | 19:30 | 2.941 |
| 30.01.2020 | 19:30 | 19:45 | 2.854 |
| 30.01.2020 | 19:45 | 20:00 | 2.819 |
| 30.01.2020 | 20:00 | 20:15 | 2.675 |
| 30.01.2020 | 20:15 | 20:30 | 2.555 |
| 30.01.2020 | 20:30 | 20:45 | 2.406 |
| 30.01.2020 | 20:45 | 21:00 | 2.356 |
| 30.01.2020 | 21:00 | 21:15 | 2.259 |
| 30.01.2020 | 21:15 | 21:30 | 2.132 |
| 30.01.2020 | 21:30 | 21:45 | 2.045 |
| 30.01.2020 | 21:45 | 22:00 | 1.939 |
| 30.01.2020 | 22:00 | 22:15 | 1.994 |
| 30.01.2020 | 22:15 | 22:30 | 1.934 |
| 30.01.2020 | 22:30 | 22:45 | 1.846 |
| 30.01.2020 | 22:45 | 23:00 | 1.726 |
| 30.01.2020 | 23:00 | 23:15 | 1.610 |
| 30.01.2020 | 23:15 | 23:30 | 1.570 |
| 30.01.2020 | 23:30 | 23:45 | 1.485 |
| 30.01.2020 | 23:45 | 00:00 | 1.408 |
| 31.01.2020 | 00:00 | 00:15 | 1.363 |
| 31.01.2020 | 00:15 | 00:30 | 1.313 |
| 31.01.2020 | 00:30 | 00:45 | 1.273 |
| 31.01.2020 | 00:45 | 01:00 | 1.231 |
| 31.01.2020 | 01:00 | 01:15 | 1.203 |
| 31.01.2020 | 01:15 | 01:30 | 1.167 |
| 31.01.2020 | 01:30 | 01:45 | 1.140 |
| 31.01.2020 | 01:45 | 02:00 | 1.122 |
| 31.01.2020 | 02:00 | 02:15 | 1.108 |
| 31.01.2020 | 02:15 | 02:30 | 1.076 |
| 31.01.2020 | 02:30 | 02:45 | 1.047 |
| 31.01.2020 | 02:45 | 03:00 | 1.054 |
| 31.01.2020 | 03:00 | 03:15 | 1.092 |
| 31.01.2020 | 03:15 | 03:30 | 1.096 |
| 31.01.2020 | 03:30 | 03:45 | 1.102 |
| 31.01.2020 | 03:45 | 04:00 | 1.112 |
| 31.01.2020 | 04:00 | 04:15 | 1.157 |
| 31.01.2020 | 04:15 | 04:30 | 1.177 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.01.2020 | 04:30 | 04:45 | 1.219 |
| 31.01.2020 | 04:45 | 05:00 | 1.251 |
| 31.01.2020 | 05:00 | 05:15 | 1.260 |
| 31.01.2020 | 05:15 | 05:30 | 1.318 |
| 31.01.2020 | 05:30 | 05:45 | 1.386 |
| 31.01.2020 | 05:45 | 06:00 | 1.482 |
| 31.01.2020 | 06:00 | 06:15 | 1.612 |
| 31.01.2020 | 06:15 | 06:30 | 1.772 |
| 31.01.2020 | 06:30 | 06:45 | 1.874 |
| 31.01.2020 | 06:45 | 07:00 | 2.004 |
| 31.01.2020 | 07:00 | 07:15 | 2.139 |
| 31.01.2020 | 07:15 | 07:30 | 2.260 |
| 31.01.2020 | 07:30 | 07:45 | 2.309 |
| 31.01.2020 | 07:45 | 08:00 | 2.384 |
| 31.01.2020 | 08:00 | 08:15 | 2.423 |
| 31.01.2020 | 08:15 | 08:30 | 2.459 |
| 31.01.2020 | 08:30 | 08:45 | 2.459 |
| 31.01.2020 | 08:45 | 09:00 | 2.487 |
| 31.01.2020 | 09:00 | 09:15 | 2.548 |
| 31.01.2020 | 09:15 | 09:30 | 2.518 |
| 31.01.2020 | 09:30 | 09:45 | 2.550 |
| 31.01.2020 | 09:45 | 10:00 | 2.537 |
| 31.01.2020 | 10:00 | 10:15 | 2.537 |
| 31.01.2020 | 10:15 | 10:30 | 2.566 |
| 31.01.2020 | 10:30 | 10:45 | 2.619 |
| 31.01.2020 | 10:45 | 11:00 | 2.632 |
| 31.01.2020 | 11:00 | 11:15 | 2.672 |
| 31.01.2020 | 11:15 | 11:30 | 2.713 |
| 31.01.2020 | 11:30 | 11:45 | 2.714 |
| 31.01.2020 | 11:45 | 12:00 | 2.727 |
| 31.01.2020 | 12:00 | 12:15 | 2.699 |
| 31.01.2020 | 12:15 | 12:30 | 2.684 |
| 31.01.2020 | 12:30 | 12:45 | 2.713 |
| 31.01.2020 | 12:45 | 13:00 | 2.723 |
| 31.01.2020 | 13:00 | 13:15 | 2.713 |
| 31.01.2020 | 13:15 | 13:30 | 2.719 |
| 31.01.2020 | 13:30 | 13:45 | 2.578 |
| 31.01.2020 | 13:45 | 14:00 | 2.512 |
| 31.01.2020 | 14:00 | 14:15 | 2.474 |
| 31.01.2020 | 14:15 | 14:30 | 2.475 |
| 31.01.2020 | 14:30 | 14:45 | 2.445 |
| 31.01.2020 | 14:45 | 15:00 | 2.437 |
| 31.01.2020 | 15:00 | 15:15 | 2.424 |
| 31.01.2020 | 15:15 | 15:30 | 2.454 |
| 31.01.2020 | 15:30 | 15:45 | 2.447 |
| 31.01.2020 | 15:45 | 16:00 | 2.463 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.01.2020 | 16:00 | 16:15 | 2.491 |
| 31.01.2020 | 16:15 | 16:30 | 2.505 |
| 31.01.2020 | 16:30 | 16:45 | 2.509 |
| 31.01.2020 | 16:45 | 17:00 | 2.567 |
| 31.01.2020 | 17:00 | 17:15 | 2.685 |
| 31.01.2020 | 17:15 | 17:30 | 2.803 |
| 31.01.2020 | 17:30 | 17:45 | 2.884 |
| 31.01.2020 | 17:45 | 18:00 | 2.931 |
| 31.01.2020 | 18:00 | 18:15 | 2.919 |
| 31.01.2020 | 18:15 | 18:30 | 2.897 |
| 31.01.2020 | 18:30 | 18:45 | 2.900 |
| 31.01.2020 | 18:45 | 19:00 | 2.841 |
| 31.01.2020 | 19:00 | 19:15 | 2.886 |
| 31.01.2020 | 19:15 | 19:30 | 2.881 |
| 31.01.2020 | 19:30 | 19:45 | 2.809 |
| 31.01.2020 | 19:45 | 20:00 | 2.712 |
| 31.01.2020 | 20:00 | 20:15 | 2.602 |
| 31.01.2020 | 20:15 | 20:30 | 2.521 |
| 31.01.2020 | 20:30 | 20:45 | 2.435 |
| 31.01.2020 | 20:45 | 21:00 | 2.323 |
| 31.01.2020 | 21:00 | 21:15 | 2.198 |
| 31.01.2020 | 21:15 | 21:30 | 2.073 |
| 31.01.2020 | 21:30 | 21:45 | 2.003 |
| 31.01.2020 | 21:45 | 22:00 | 1.883 |
| 31.01.2020 | 22:00 | 22:15 | 1.952 |
| 31.01.2020 | 22:15 | 22:30 | 1.865 |
| 31.01.2020 | 22:30 | 22:45 | 1.833 |
| 31.01.2020 | 22:45 | 23:00 | 1.768 |
| 31.01.2020 | 23:00 | 23:15 | 1.670 |
| 31.01.2020 | 23:15 | 23:30 | 1.614 |
| 31.01.2020 | 23:30 | 23:45 | 1.525 |
| 31.01.2020 | 23:45 | 00:00 | 1.437 |
| 01.02.2020 | 00:00 | 00:15 | 1.396 |
| 01.02.2020 | 00:15 | 00:30 | 1.352 |
| 01.02.2020 | 00:30 | 00:45 | 1.296 |
| 01.02.2020 | 00:45 | 01:00 | 1.225 |
| 01.02.2020 | 01:00 | 01:15 | 1.195 |
| 01.02.2020 | 01:15 | 01:30 | 1.167 |
| 01.02.2020 | 01:30 | 01:45 | 1.142 |
| 01.02.2020 | 01:45 | 02:00 | 1.111 |
| 01.02.2020 | 02:00 | 02:15 | 1.099 |
| 01.02.2020 | 02:15 | 02:30 | 1.076 |
| 01.02.2020 | 02:30 | 02:45 | 1.066 |
| 01.02.2020 | 02:45 | 03:00 | 1.051 |
| 01.02.2020 | 03:00 | 03:15 | 1.050 |
| 01.02.2020 | 03:15 | 03:30 | 1.034 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.02.2020 | 03:30 | 03:45 | 1.038 |
| 01.02.2020 | 03:45 | 04:00 | 1.024 |
| 01.02.2020 | 04:00 | 04:15 | 1.049 |
| 01.02.2020 | 04:15 | 04:30 | 1.052 |
| 01.02.2020 | 04:30 | 04:45 | 1.057 |
| 01.02.2020 | 04:45 | 05:00 | 1.066 |
| 01.02.2020 | 05:00 | 05:15 | 1.082 |
| 01.02.2020 | 05:15 | 05:30 | 1.094 |
| 01.02.2020 | 05:30 | 05:45 | 1.098 |
| 01.02.2020 | 05:45 | 06:00 | 1.136 |
| 01.02.2020 | 06:00 | 06:15 | 1.138 |
| 01.02.2020 | 06:15 | 06:30 | 1.181 |
| 01.02.2020 | 06:30 | 06:45 | 1.212 |
| 01.02.2020 | 06:45 | 07:00 | 1.243 |
| 01.02.2020 | 07:00 | 07:15 | 1.327 |
| 01.02.2020 | 07:15 | 07:30 | 1.376 |
| 01.02.2020 | 07:30 | 07:45 | 1.438 |
| 01.02.2020 | 07:45 | 08:00 | 1.516 |
| 01.02.2020 | 08:00 | 08:15 | 1.563 |
| 01.02.2020 | 08:15 | 08:30 | 1.618 |
| 01.02.2020 | 08:30 | 08:45 | 1.695 |
| 01.02.2020 | 08:45 | 09:00 | 1.746 |
| 01.02.2020 | 09:00 | 09:15 | 1.857 |
| 01.02.2020 | 09:15 | 09:30 | 1.965 |
| 01.02.2020 | 09:30 | 09:45 | 2.064 |
| 01.02.2020 | 09:45 | 10:00 | 2.140 |
| 01.02.2020 | 10:00 | 10:15 | 2.202 |
| 01.02.2020 | 10:15 | 10:30 | 2.201 |
| 01.02.2020 | 10:30 | 10:45 | 2.219 |
| 01.02.2020 | 10:45 | 11:00 | 2.278 |
| 01.02.2020 | 11:00 | 11:15 | 2.326 |
| 01.02.2020 | 11:15 | 11:30 | 2.350 |
| 01.02.2020 | 11:30 | 11:45 | 2.321 |
| 01.02.2020 | 11:45 | 12:00 | 2.321 |
| 01.02.2020 | 12:00 | 12:15 | 2.311 |
| 01.02.2020 | 12:15 | 12:30 | 2.340 |
| 01.02.2020 | 12:30 | 12:45 | 2.332 |
| 01.02.2020 | 12:45 | 13:00 | 2.285 |
| 01.02.2020 | 13:00 | 13:15 | 2.281 |
| 01.02.2020 | 13:15 | 13:30 | 2.307 |
| 01.02.2020 | 13:30 | 13:45 | 2.270 |
| 01.02.2020 | 13:45 | 14:00 | 2.266 |
| 01.02.2020 | 14:00 | 14:15 | 2.239 |
| 01.02.2020 | 14:15 | 14:30 | 2.198 |
| 01.02.2020 | 14:30 | 14:45 | 2.170 |
| 01.02.2020 | 14:45 | 15:00 | 2.130 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.02.2020 | 15:00 | 15:15 | 2.134 |
| 01.02.2020 | 15:15 | 15:30 | 2.116 |
| 01.02.2020 | 15:30 | 15:45 | 2.097 |
| 01.02.2020 | 15:45 | 16:00 | 2.088 |
| 01.02.2020 | 16:00 | 16:15 | 2.094 |
| 01.02.2020 | 16:15 | 16:30 | 2.135 |
| 01.02.2020 | 16:30 | 16:45 | 2.134 |
| 01.02.2020 | 16:45 | 17:00 | 2.164 |
| 01.02.2020 | 17:00 | 17:15 | 2.276 |
| 01.02.2020 | 17:15 | 17:30 | 2.348 |
| 01.02.2020 | 17:30 | 17:45 | 2.432 |
| 01.02.2020 | 17:45 | 18:00 | 2.548 |
| 01.02.2020 | 18:00 | 18:15 | 2.520 |
| 01.02.2020 | 18:15 | 18:30 | 2.517 |
| 01.02.2020 | 18:30 | 18:45 | 2.549 |
| 01.02.2020 | 18:45 | 19:00 | 2.591 |
| 01.02.2020 | 19:00 | 19:15 | 2.491 |
| 01.02.2020 | 19:15 | 19:30 | 2.414 |
| 01.02.2020 | 19:30 | 19:45 | 2.315 |
| 01.02.2020 | 19:45 | 20:00 | 2.230 |
| 01.02.2020 | 20:00 | 20:15 | 2.176 |
| 01.02.2020 | 20:15 | 20:30 | 2.071 |
| 01.02.2020 | 20:30 | 20:45 | 1.990 |
| 01.02.2020 | 20:45 | 21:00 | 1.922 |
| 01.02.2020 | 21:00 | 21:15 | 1.766 |
| 01.02.2020 | 21:15 | 21:30 | 1.710 |
| 01.02.2020 | 21:30 | 21:45 | 1.667 |
| 01.02.2020 | 21:45 | 22:00 | 1.634 |
| 01.02.2020 | 22:00 | 22:15 | 1.704 |
| 01.02.2020 | 22:15 | 22:30 | 1.633 |
| 01.02.2020 | 22:30 | 22:45 | 1.563 |
| 01.02.2020 | 22:45 | 23:00 | 1.523 |
| 01.02.2020 | 23:00 | 23:15 | 1.456 |
| 01.02.2020 | 23:15 | 23:30 | 1.407 |
| 01.02.2020 | 23:30 | 23:45 | 1.355 |
| 01.02.2020 | 23:45 | 00:00 | 1.300 |
| 02.02.2020 | 00:00 | 00:15 | 1.253 |
| 02.02.2020 | 00:15 | 00:30 | 1.198 |
| 02.02.2020 | 00:30 | 00:45 | 1.161 |
| 02.02.2020 | 00:45 | 01:00 | 1.120 |
| 02.02.2020 | 01:00 | 01:15 | 1.082 |
| 02.02.2020 | 01:15 | 01:30 | 1.051 |
| 02.02.2020 | 01:30 | 01:45 | 1.027 |
| 02.02.2020 | 01:45 | 02:00 | 1.009 |
| 02.02.2020 | 02:00 | 02:15 | 1.007 |
| 02.02.2020 | 02:15 | 02:30 | 979 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.02.2020 | 02:30 | 02:45 | 959 |
| 02.02.2020 | 02:45 | 03:00 | 950 |
| 02.02.2020 | 03:00 | 03:15 | 953 |
| 02.02.2020 | 03:15 | 03:30 | 948 |
| 02.02.2020 | 03:30 | 03:45 | 941 |
| 02.02.2020 | 03:45 | 04:00 | 942 |
| 02.02.2020 | 04:00 | 04:15 | 951 |
| 02.02.2020 | 04:15 | 04:30 | 948 |
| 02.02.2020 | 04:30 | 04:45 | 953 |
| 02.02.2020 | 04:45 | 05:00 | 953 |
| 02.02.2020 | 05:00 | 05:15 | 967 |
| 02.02.2020 | 05:15 | 05:30 | 975 |
| 02.02.2020 | 05:30 | 05:45 | 975 |
| 02.02.2020 | 05:45 | 06:00 | 989 |
| 02.02.2020 | 06:00 | 06:15 | 985 |
| 02.02.2020 | 06:15 | 06:30 | 1.000 |
| 02.02.2020 | 06:30 | 06:45 | 1.023 |
| 02.02.2020 | 06:45 | 07:00 | 1.039 |
| 02.02.2020 | 07:00 | 07:15 | 1.079 |
| 02.02.2020 | 07:15 | 07:30 | 1.121 |
| 02.02.2020 | 07:30 | 07:45 | 1.154 |
| 02.02.2020 | 07:45 | 08:00 | 1.199 |
| 02.02.2020 | 08:00 | 08:15 | 1.237 |
| 02.02.2020 | 08:15 | 08:30 | 1.304 |
| 02.02.2020 | 08:30 | 08:45 | 1.354 |
| 02.02.2020 | 08:45 | 09:00 | 1.410 |
| 02.02.2020 | 09:00 | 09:15 | 1.497 |
| 02.02.2020 | 09:15 | 09:30 | 1.598 |
| 02.02.2020 | 09:30 | 09:45 | 1.655 |
| 02.02.2020 | 09:45 | 10:00 | 1.736 |
| 02.02.2020 | 10:00 | 10:15 | 1.782 |
| 02.02.2020 | 10:15 | 10:30 | 1.864 |
| 02.02.2020 | 10:30 | 10:45 | 1.938 |
| 02.02.2020 | 10:45 | 11:00 | 1.984 |
| 02.02.2020 | 11:00 | 11:15 | 2.055 |
| 02.02.2020 | 11:15 | 11:30 | 2.078 |
| 02.02.2020 | 11:30 | 11:45 | 2.156 |
| 02.02.2020 | 11:45 | 12:00 | 2.162 |
| 02.02.2020 | 12:00 | 12:15 | 2.174 |
| 02.02.2020 | 12:15 | 12:30 | 2.215 |
| 02.02.2020 | 12:30 | 12:45 | 2.215 |
| 02.02.2020 | 12:45 | 13:00 | 2.196 |
| 02.02.2020 | 13:00 | 13:15 | 2.152 |
| 02.02.2020 | 13:15 | 13:30 | 2.135 |
| 02.02.2020 | 13:30 | 13:45 | 2.102 |
| 02.02.2020 | 13:45 | 14:00 | 2.094 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.02.2020 | 14:00 | 14:15 | 2.062 |
| 02.02.2020 | 14:15 | 14:30 | 2.046 |
| 02.02.2020 | 14:30 | 14:45 | 2.025 |
| 02.02.2020 | 14:45 | 15:00 | 1.969 |
| 02.02.2020 | 15:00 | 15:15 | 1.955 |
| 02.02.2020 | 15:15 | 15:30 | 1.960 |
| 02.02.2020 | 15:30 | 15:45 | 1.941 |
| 02.02.2020 | 15:45 | 16:00 | 1.916 |
| 02.02.2020 | 16:00 | 16:15 | 1.893 |
| 02.02.2020 | 16:15 | 16:30 | 1.886 |
| 02.02.2020 | 16:30 | 16:45 | 1.894 |
| 02.02.2020 | 16:45 | 17:00 | 1.947 |
| 02.02.2020 | 17:00 | 17:15 | 2.031 |
| 02.02.2020 | 17:15 | 17:30 | 2.101 |
| 02.02.2020 | 17:30 | 17:45 | 2.214 |
| 02.02.2020 | 17:45 | 18:00 | 2.253 |
| 02.02.2020 | 18:00 | 18:15 | 2.276 |
| 02.02.2020 | 18:15 | 18:30 | 2.289 |
| 02.02.2020 | 18:30 | 18:45 | 2.266 |
| 02.02.2020 | 18:45 | 19:00 | 2.251 |
| 02.02.2020 | 19:00 | 19:15 | 2.227 |
| 02.02.2020 | 19:15 | 19:30 | 2.171 |
| 02.02.2020 | 19:30 | 19:45 | 2.139 |
| 02.02.2020 | 19:45 | 20:00 | 2.072 |
| 02.02.2020 | 20:00 | 20:15 | 2.021 |
| 02.02.2020 | 20:15 | 20:30 | 1.928 |
| 02.02.2020 | 20:30 | 20:45 | 1.846 |
| 02.02.2020 | 20:45 | 21:00 | 1.776 |
| 02.02.2020 | 21:00 | 21:15 | 1.699 |
| 02.02.2020 | 21:15 | 21:30 | 1.653 |
| 02.02.2020 | 21:30 | 21:45 | 1.580 |
| 02.02.2020 | 21:45 | 22:00 | 1.559 |
| 02.02.2020 | 22:00 | 22:15 | 1.623 |
| 02.02.2020 | 22:15 | 22:30 | 1.564 |
| 02.02.2020 | 22:30 | 22:45 | 1.515 |
| 02.02.2020 | 22:45 | 23:00 | 1.460 |
| 02.02.2020 | 23:00 | 23:15 | 1.386 |
| 02.02.2020 | 23:15 | 23:30 | 1.342 |
| 02.02.2020 | 23:30 | 23:45 | 1.286 |
| 02.02.2020 | 23:45 | 00:00 | 1.234 |
| 03.02.2020 | 00:00 | 00:15 | 1.188 |
| 03.02.2020 | 00:15 | 00:30 | 1.157 |
| 03.02.2020 | 00:30 | 00:45 | 1.111 |
| 03.02.2020 | 00:45 | 01:00 | 1.074 |
| 03.02.2020 | 01:00 | 01:15 | 1.053 |
| 03.02.2020 | 01:15 | 01:30 | 1.028 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.02.2020 | 01:30 | 01:45 | 1.006 |
| 03.02.2020 | 01:45 | 02:00 | 988 |
| 03.02.2020 | 02:00 | 02:15 | 984 |
| 03.02.2020 | 02:15 | 02:30 | 975 |
| 03.02.2020 | 02:30 | 02:45 | 964 |
| 03.02.2020 | 02:45 | 03:00 | 959 |
| 03.02.2020 | 03:00 | 03:15 | 965 |
| 03.02.2020 | 03:15 | 03:30 | 958 |
| 03.02.2020 | 03:30 | 03:45 | 964 |
| 03.02.2020 | 03:45 | 04:00 | 983 |
| 03.02.2020 | 04:00 | 04:15 | 999 |
| 03.02.2020 | 04:15 | 04:30 | 1.024 |
| 03.02.2020 | 04:30 | 04:45 | 1.054 |
| 03.02.2020 | 04:45 | 05:00 | 1.091 |
| 03.02.2020 | 05:00 | 05:15 | 1.158 |
| 03.02.2020 | 05:15 | 05:30 | 1.200 |
| 03.02.2020 | 05:30 | 05:45 | 1.281 |
| 03.02.2020 | 05:45 | 06:00 | 1.373 |
| 03.02.2020 | 06:00 | 06:15 | 1.523 |
| 03.02.2020 | 06:15 | 06:30 | 1.684 |
| 03.02.2020 | 06:30 | 06:45 | 1.832 |
| 03.02.2020 | 06:45 | 07:00 | 1.961 |
| 03.02.2020 | 07:00 | 07:15 | 2.102 |
| 03.02.2020 | 07:15 | 07:30 | 2.216 |
| 03.02.2020 | 07:30 | 07:45 | 2.240 |
| 03.02.2020 | 07:45 | 08:00 | 2.287 |
| 03.02.2020 | 08:00 | 08:15 | 2.328 |
| 03.02.2020 | 08:15 | 08:30 | 2.316 |
| 03.02.2020 | 08:30 | 08:45 | 2.340 |
| 03.02.2020 | 08:45 | 09:00 | 2.400 |
| 03.02.2020 | 09:00 | 09:15 | 2.443 |
| 03.02.2020 | 09:15 | 09:30 | 2.468 |
| 03.02.2020 | 09:30 | 09:45 | 2.522 |
| 03.02.2020 | 09:45 | 10:00 | 2.567 |
| 03.02.2020 | 10:00 | 10:15 | 2.641 |
| 03.02.2020 | 10:15 | 10:30 | 2.663 |
| 03.02.2020 | 10:30 | 10:45 | 2.641 |
| 03.02.2020 | 10:45 | 11:00 | 2.665 |
| 03.02.2020 | 11:00 | 11:15 | 2.730 |
| 03.02.2020 | 11:15 | 11:30 | 2.710 |
| 03.02.2020 | 11:30 | 11:45 | 2.678 |
| 03.02.2020 | 11:45 | 12:00 | 2.689 |
| 03.02.2020 | 12:00 | 12:15 | 2.701 |
| 03.02.2020 | 12:15 | 12:30 | 2.767 |
| 03.02.2020 | 12:30 | 12:45 | 2.772 |
| 03.02.2020 | 12:45 | 13:00 | 2.730 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.02.2020 | 13:00 | 13:15 | 2.737 |
| 03.02.2020 | 13:15 | 13:30 | 2.725 |
| 03.02.2020 | 13:30 | 13:45 | 2.717 |
| 03.02.2020 | 13:45 | 14:00 | 2.668 |
| 03.02.2020 | 14:00 | 14:15 | 2.661 |
| 03.02.2020 | 14:15 | 14:30 | 2.627 |
| 03.02.2020 | 14:30 | 14:45 | 2.572 |
| 03.02.2020 | 14:45 | 15:00 | 2.542 |
| 03.02.2020 | 15:00 | 15:15 | 2.543 |
| 03.02.2020 | 15:15 | 15:30 | 2.505 |
| 03.02.2020 | 15:30 | 15:45 | 2.493 |
| 03.02.2020 | 15:45 | 16:00 | 2.490 |
| 03.02.2020 | 16:00 | 16:15 | 2.511 |
| 03.02.2020 | 16:15 | 16:30 | 2.494 |
| 03.02.2020 | 16:30 | 16:45 | 2.511 |
| 03.02.2020 | 16:45 | 17:00 | 2.584 |
| 03.02.2020 | 17:00 | 17:15 | 2.654 |
| 03.02.2020 | 17:15 | 17:30 | 2.744 |
| 03.02.2020 | 17:30 | 17:45 | 2.804 |
| 03.02.2020 | 17:45 | 18:00 | 2.955 |
| 03.02.2020 | 18:00 | 18:15 | 2.970 |
| 03.02.2020 | 18:15 | 18:30 | 2.973 |
| 03.02.2020 | 18:30 | 18:45 | 2.933 |
| 03.02.2020 | 18:45 | 19:00 | 2.951 |
| 03.02.2020 | 19:00 | 19:15 | 2.875 |
| 03.02.2020 | 19:15 | 19:30 | 2.842 |
| 03.02.2020 | 19:30 | 19:45 | 2.793 |
| 03.02.2020 | 19:45 | 20:00 | 2.690 |
| 03.02.2020 | 20:00 | 20:15 | 2.579 |
| 03.02.2020 | 20:15 | 20:30 | 2.449 |
| 03.02.2020 | 20:30 | 20:45 | 2.325 |
| 03.02.2020 | 20:45 | 21:00 | 2.220 |
| 03.02.2020 | 21:00 | 21:15 | 2.134 |
| 03.02.2020 | 21:15 | 21:30 | 2.058 |
| 03.02.2020 | 21:30 | 21:45 | 1.991 |
| 03.02.2020 | 21:45 | 22:00 | 1.873 |
| 03.02.2020 | 22:00 | 22:15 | 1.901 |
| 03.02.2020 | 22:15 | 22:30 | 1.843 |
| 03.02.2020 | 22:30 | 22:45 | 1.779 |
| 03.02.2020 | 22:45 | 23:00 | 1.707 |
| 03.02.2020 | 23:00 | 23:15 | 1.612 |
| 03.02.2020 | 23:15 | 23:30 | 1.562 |
| 03.02.2020 | 23:30 | 23:45 | 1.491 |
| 03.02.2020 | 23:45 | 00:00 | 1.426 |
| 04.02.2020 | 00:00 | 00:15 | 1.355 |
| 04.02.2020 | 00:15 | 00:30 | 1.316 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.02.2020 | 00:30 | 00:45 | 1.285 |
| 04.02.2020 | 00:45 | 01:00 | 1.249 |
| 04.02.2020 | 01:00 | 01:15 | 1.216 |
| 04.02.2020 | 01:15 | 01:30 | 1.172 |
| 04.02.2020 | 01:30 | 01:45 | 1.142 |
| 04.02.2020 | 01:45 | 02:00 | 1.122 |
| 04.02.2020 | 02:00 | 02:15 | 1.113 |
| 04.02.2020 | 02:15 | 02:30 | 1.105 |
| 04.02.2020 | 02:30 | 02:45 | 1.090 |
| 04.02.2020 | 02:45 | 03:00 | 1.090 |
| 04.02.2020 | 03:00 | 03:15 | 1.088 |
| 04.02.2020 | 03:15 | 03:30 | 1.081 |
| 04.02.2020 | 03:30 | 03:45 | 1.080 |
| 04.02.2020 | 03:45 | 04:00 | 1.101 |
| 04.02.2020 | 04:00 | 04:15 | 1.125 |
| 04.02.2020 | 04:15 | 04:30 | 1.156 |
| 04.02.2020 | 04:30 | 04:45 | 1.182 |
| 04.02.2020 | 04:45 | 05:00 | 1.233 |
| 04.02.2020 | 05:00 | 05:15 | 1.299 |
| 04.02.2020 | 05:15 | 05:30 | 1.343 |
| 04.02.2020 | 05:30 | 05:45 | 1.418 |
| 04.02.2020 | 05:45 | 06:00 | 1.535 |
| 04.02.2020 | 06:00 | 06:15 | 1.661 |
| 04.02.2020 | 06:15 | 06:30 | 1.842 |
| 04.02.2020 | 06:30 | 06:45 | 1.955 |
| 04.02.2020 | 06:45 | 07:00 | 2.089 |
| 04.02.2020 | 07:00 | 07:15 | 2.230 |
| 04.02.2020 | 07:15 | 07:30 | 2.329 |
| 04.02.2020 | 07:30 | 07:45 | 2.382 |
| 04.02.2020 | 07:45 | 08:00 | 2.378 |
| 04.02.2020 | 08:00 | 08:15 | 2.489 |
| 04.02.2020 | 08:15 | 08:30 | 2.478 |
| 04.02.2020 | 08:30 | 08:45 | 2.459 |
| 04.02.2020 | 08:45 | 09:00 | 2.524 |
| 04.02.2020 | 09:00 | 09:15 | 2.562 |
| 04.02.2020 | 09:15 | 09:30 | 2.560 |
| 04.02.2020 | 09:30 | 09:45 | 2.633 |
| 04.02.2020 | 09:45 | 10:00 | 2.663 |
| 04.02.2020 | 10:00 | 10:15 | 2.718 |
| 04.02.2020 | 10:15 | 10:30 | 2.746 |
| 04.02.2020 | 10:30 | 10:45 | 2.709 |
| 04.02.2020 | 10:45 | 11:00 | 2.720 |
| 04.02.2020 | 11:00 | 11:15 | 2.792 |
| 04.02.2020 | 11:15 | 11:30 | 2.826 |
| 04.02.2020 | 11:30 | 11:45 | 2.823 |
| 04.02.2020 | 11:45 | 12:00 | 2.841 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.02.2020 | 12:00 | 12:15 | 2.827 |
| 04.02.2020 | 12:15 | 12:30 | 2.823 |
| 04.02.2020 | 12:30 | 12:45 | 2.830 |
| 04.02.2020 | 12:45 | 13:00 | 2.812 |
| 04.02.2020 | 13:00 | 13:15 | 2.783 |
| 04.02.2020 | 13:15 | 13:30 | 2.755 |
| 04.02.2020 | 13:30 | 13:45 | 2.779 |
| 04.02.2020 | 13:45 | 14:00 | 2.732 |
| 04.02.2020 | 14:00 | 14:15 | 2.653 |
| 04.02.2020 | 14:15 | 14:30 | 2.668 |
| 04.02.2020 | 14:30 | 14:45 | 2.625 |
| 04.02.2020 | 14:45 | 15:00 | 2.600 |
| 04.02.2020 | 15:00 | 15:15 | 2.633 |
| 04.02.2020 | 15:15 | 15:30 | 2.591 |
| 04.02.2020 | 15:30 | 15:45 | 2.589 |
| 04.02.2020 | 15:45 | 16:00 | 2.586 |
| 04.02.2020 | 16:00 | 16:15 | 2.612 |
| 04.02.2020 | 16:15 | 16:30 | 2.633 |
| 04.02.2020 | 16:30 | 16:45 | 2.626 |
| 04.02.2020 | 16:45 | 17:00 | 2.662 |
| 04.02.2020 | 17:00 | 17:15 | 2.717 |
| 04.02.2020 | 17:15 | 17:30 | 2.791 |
| 04.02.2020 | 17:30 | 17:45 | 2.881 |
| 04.02.2020 | 17:45 | 18:00 | 3.049 |
| 04.02.2020 | 18:00 | 18:15 | 3.068 |
| 04.02.2020 | 18:15 | 18:30 | 3.080 |
| 04.02.2020 | 18:30 | 18:45 | 3.050 |
| 04.02.2020 | 18:45 | 19:00 | 3.072 |
| 04.02.2020 | 19:00 | 19:15 | 2.986 |
| 04.02.2020 | 19:15 | 19:30 | 2.931 |
| 04.02.2020 | 19:30 | 19:45 | 2.847 |
| 04.02.2020 | 19:45 | 20:00 | 2.777 |
| 04.02.2020 | 20:00 | 20:15 | 2.669 |
| 04.02.2020 | 20:15 | 20:30 | 2.543 |
| 04.02.2020 | 20:30 | 20:45 | 2.428 |
| 04.02.2020 | 20:45 | 21:00 | 2.309 |
| 04.02.2020 | 21:00 | 21:15 | 2.196 |
| 04.02.2020 | 21:15 | 21:30 | 2.089 |
| 04.02.2020 | 21:30 | 21:45 | 2.017 |
| 04.02.2020 | 21:45 | 22:00 | 1.892 |
| 04.02.2020 | 22:00 | 22:15 | 1.926 |
| 04.02.2020 | 22:15 | 22:30 | 1.872 |
| 04.02.2020 | 22:30 | 22:45 | 1.809 |
| 04.02.2020 | 22:45 | 23:00 | 1.755 |
| 04.02.2020 | 23:00 | 23:15 | 1.658 |
| 04.02.2020 | 23:15 | 23:30 | 1.599 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.02.2020 | 23:30 | 23:45 | 1.531 |
| 04.02.2020 | 23:45 | 00:00 | 1.465 |
| 05.02.2020 | 00:00 | 00:15 | 1.392 |
| 05.02.2020 | 00:15 | 00:30 | 1.344 |
| 05.02.2020 | 00:30 | 00:45 | 1.312 |
| 05.02.2020 | 00:45 | 01:00 | 1.275 |
| 05.02.2020 | 01:00 | 01:15 | 1.230 |
| 05.02.2020 | 01:15 | 01:30 | 1.201 |
| 05.02.2020 | 01:30 | 01:45 | 1.186 |
| 05.02.2020 | 01:45 | 02:00 | 1.166 |
| 05.02.2020 | 02:00 | 02:15 | 1.155 |
| 05.02.2020 | 02:15 | 02:30 | 1.142 |
| 05.02.2020 | 02:30 | 02:45 | 1.103 |
| 05.02.2020 | 02:45 | 03:00 | 1.098 |
| 05.02.2020 | 03:00 | 03:15 | 1.104 |
| 05.02.2020 | 03:15 | 03:30 | 1.097 |
| 05.02.2020 | 03:30 | 03:45 | 1.110 |
| 05.02.2020 | 03:45 | 04:00 | 1.111 |
| 05.02.2020 | 04:00 | 04:15 | 1.141 |
| 05.02.2020 | 04:15 | 04:30 | 1.167 |
| 05.02.2020 | 04:30 | 04:45 | 1.189 |
| 05.02.2020 | 04:45 | 05:00 | 1.262 |
| 05.02.2020 | 05:00 | 05:15 | 1.338 |
| 05.02.2020 | 05:15 | 05:30 | 1.367 |
| 05.02.2020 | 05:30 | 05:45 | 1.419 |
| 05.02.2020 | 05:45 | 06:00 | 1.538 |
| 05.02.2020 | 06:00 | 06:15 | 1.670 |
| 05.02.2020 | 06:15 | 06:30 | 1.841 |
| 05.02.2020 | 06:30 | 06:45 | 1.968 |
| 05.02.2020 | 06:45 | 07:00 | 2.102 |
| 05.02.2020 | 07:00 | 07:15 | 2.228 |
| 05.02.2020 | 07:15 | 07:30 | 2.331 |
| 05.02.2020 | 07:30 | 07:45 | 2.382 |
| 05.02.2020 | 07:45 | 08:00 | 2.385 |
| 05.02.2020 | 08:00 | 08:15 | 2.472 |
| 05.02.2020 | 08:15 | 08:30 | 2.500 |
| 05.02.2020 | 08:30 | 08:45 | 2.494 |
| 05.02.2020 | 08:45 | 09:00 | 2.507 |
| 05.02.2020 | 09:00 | 09:15 | 2.543 |
| 05.02.2020 | 09:15 | 09:30 | 2.545 |
| 05.02.2020 | 09:30 | 09:45 | 2.569 |
| 05.02.2020 | 09:45 | 10:00 | 2.562 |
| 05.02.2020 | 10:00 | 10:15 | 2.561 |
| 05.02.2020 | 10:15 | 10:30 | 2.583 |
| 05.02.2020 | 10:30 | 10:45 | 2.607 |
| 05.02.2020 | 10:45 | 11:00 | 2.657 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.02.2020 | 11:00 | 11:15 | 2.657 |
| 05.02.2020 | 11:15 | 11:30 | 2.687 |
| 05.02.2020 | 11:30 | 11:45 | 2.699 |
| 05.02.2020 | 11:45 | 12:00 | 2.684 |
| 05.02.2020 | 12:00 | 12:15 | 2.687 |
| 05.02.2020 | 12:15 | 12:30 | 2.713 |
| 05.02.2020 | 12:30 | 12:45 | 2.728 |
| 05.02.2020 | 12:45 | 13:00 | 2.716 |
| 05.02.2020 | 13:00 | 13:15 | 2.680 |
| 05.02.2020 | 13:15 | 13:30 | 2.682 |
| 05.02.2020 | 13:30 | 13:45 | 2.628 |
| 05.02.2020 | 13:45 | 14:00 | 2.567 |
| 05.02.2020 | 14:00 | 14:15 | 2.532 |
| 05.02.2020 | 14:15 | 14:30 | 2.539 |
| 05.02.2020 | 14:30 | 14:45 | 2.528 |
| 05.02.2020 | 14:45 | 15:00 | 2.511 |
| 05.02.2020 | 15:00 | 15:15 | 2.468 |
| 05.02.2020 | 15:15 | 15:30 | 2.485 |
| 05.02.2020 | 15:30 | 15:45 | 2.452 |
| 05.02.2020 | 15:45 | 16:00 | 2.462 |
| 05.02.2020 | 16:00 | 16:15 | 2.495 |
| 05.02.2020 | 16:15 | 16:30 | 2.503 |
| 05.02.2020 | 16:30 | 16:45 | 2.512 |
| 05.02.2020 | 16:45 | 17:00 | 2.504 |
| 05.02.2020 | 17:00 | 17:15 | 2.592 |
| 05.02.2020 | 17:15 | 17:30 | 2.718 |
| 05.02.2020 | 17:30 | 17:45 | 2.836 |
| 05.02.2020 | 17:45 | 18:00 | 3.038 |
| 05.02.2020 | 18:00 | 18:15 | 3.148 |
| 05.02.2020 | 18:15 | 18:30 | 3.139 |
| 05.02.2020 | 18:30 | 18:45 | 3.087 |
| 05.02.2020 | 18:45 | 19:00 | 3.057 |
| 05.02.2020 | 19:00 | 19:15 | 3.012 |
| 05.02.2020 | 19:15 | 19:30 | 2.982 |
| 05.02.2020 | 19:30 | 19:45 | 2.909 |
| 05.02.2020 | 19:45 | 20:00 | 2.801 |
| 05.02.2020 | 20:00 | 20:15 | 2.647 |
| 05.02.2020 | 20:15 | 20:30 | 2.537 |
| 05.02.2020 | 20:30 | 20:45 | 2.452 |
| 05.02.2020 | 20:45 | 21:00 | 2.349 |
| 05.02.2020 | 21:00 | 21:15 | 2.241 |
| 05.02.2020 | 21:15 | 21:30 | 2.131 |
| 05.02.2020 | 21:30 | 21:45 | 2.027 |
| 05.02.2020 | 21:45 | 22:00 | 1.906 |
| 05.02.2020 | 22:00 | 22:15 | 1.935 |
| 05.02.2020 | 22:15 | 22:30 | 1.893 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.02.2020 | 22:30 | 22:45 | 1.808 |
| 05.02.2020 | 22:45 | 23:00 | 1.722 |
| 05.02.2020 | 23:00 | 23:15 | 1.625 |
| 05.02.2020 | 23:15 | 23:30 | 1.556 |
| 05.02.2020 | 23:30 | 23:45 | 1.488 |
| 05.02.2020 | 23:45 | 00:00 | 1.416 |
| 06.02.2020 | 00:00 | 00:15 | 1.359 |
| 06.02.2020 | 00:15 | 00:30 | 1.331 |
| 06.02.2020 | 00:30 | 00:45 | 1.293 |
| 06.02.2020 | 00:45 | 01:00 | 1.254 |
| 06.02.2020 | 01:00 | 01:15 | 1.221 |
| 06.02.2020 | 01:15 | 01:30 | 1.203 |
| 06.02.2020 | 01:30 | 01:45 | 1.185 |
| 06.02.2020 | 01:45 | 02:00 | 1.166 |
| 06.02.2020 | 02:00 | 02:15 | 1.144 |
| 06.02.2020 | 02:15 | 02:30 | 1.130 |
| 06.02.2020 | 02:30 | 02:45 | 1.121 |
| 06.02.2020 | 02:45 | 03:00 | 1.100 |
| 06.02.2020 | 03:00 | 03:15 | 1.108 |
| 06.02.2020 | 03:15 | 03:30 | 1.107 |
| 06.02.2020 | 03:30 | 03:45 | 1.117 |
| 06.02.2020 | 03:45 | 04:00 | 1.119 |
| 06.02.2020 | 04:00 | 04:15 | 1.137 |
| 06.02.2020 | 04:15 | 04:30 | 1.154 |
| 06.02.2020 | 04:30 | 04:45 | 1.201 |
| 06.02.2020 | 04:45 | 05:00 | 1.237 |
| 06.02.2020 | 05:00 | 05:15 | 1.305 |
| 06.02.2020 | 05:15 | 05:30 | 1.348 |
| 06.02.2020 | 05:30 | 05:45 | 1.419 |
| 06.02.2020 | 05:45 | 06:00 | 1.538 |
| 06.02.2020 | 06:00 | 06:15 | 1.668 |
| 06.02.2020 | 06:15 | 06:30 | 1.838 |
| 06.02.2020 | 06:30 | 06:45 | 2.007 |
| 06.02.2020 | 06:45 | 07:00 | 2.134 |
| 06.02.2020 | 07:00 | 07:15 | 2.283 |
| 06.02.2020 | 07:15 | 07:30 | 2.380 |
| 06.02.2020 | 07:30 | 07:45 | 2.412 |
| 06.02.2020 | 07:45 | 08:00 | 2.404 |
| 06.02.2020 | 08:00 | 08:15 | 2.459 |
| 06.02.2020 | 08:15 | 08:30 | 2.507 |
| 06.02.2020 | 08:30 | 08:45 | 2.513 |
| 06.02.2020 | 08:45 | 09:00 | 2.564 |
| 06.02.2020 | 09:00 | 09:15 | 2.575 |
| 06.02.2020 | 09:15 | 09:30 | 2.588 |
| 06.02.2020 | 09:30 | 09:45 | 2.605 |
| 06.02.2020 | 09:45 | 10:00 | 2.609 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.02.2020 | 10:00 | 10:15 | 2.654 |
| 06.02.2020 | 10:15 | 10:30 | 2.695 |
| 06.02.2020 | 10:30 | 10:45 | 2.724 |
| 06.02.2020 | 10:45 | 11:00 | 2.772 |
| 06.02.2020 | 11:00 | 11:15 | 2.780 |
| 06.02.2020 | 11:15 | 11:30 | 2.833 |
| 06.02.2020 | 11:30 | 11:45 | 2.831 |
| 06.02.2020 | 11:45 | 12:00 | 2.859 |
| 06.02.2020 | 12:00 | 12:15 | 2.899 |
| 06.02.2020 | 12:15 | 12:30 | 2.901 |
| 06.02.2020 | 12:30 | 12:45 | 2.914 |
| 06.02.2020 | 12:45 | 13:00 | 2.891 |
| 06.02.2020 | 13:00 | 13:15 | 2.883 |
| 06.02.2020 | 13:15 | 13:30 | 2.866 |
| 06.02.2020 | 13:30 | 13:45 | 2.834 |
| 06.02.2020 | 13:45 | 14:00 | 2.765 |
| 06.02.2020 | 14:00 | 14:15 | 2.719 |
| 06.02.2020 | 14:15 | 14:30 | 2.753 |
| 06.02.2020 | 14:30 | 14:45 | 2.735 |
| 06.02.2020 | 14:45 | 15:00 | 2.715 |
| 06.02.2020 | 15:00 | 15:15 | 2.715 |
| 06.02.2020 | 15:15 | 15:30 | 2.654 |
| 06.02.2020 | 15:30 | 15:45 | 2.616 |
| 06.02.2020 | 15:45 | 16:00 | 2.641 |
| 06.02.2020 | 16:00 | 16:15 | 2.663 |
| 06.02.2020 | 16:15 | 16:30 | 2.707 |
| 06.02.2020 | 16:30 | 16:45 | 2.723 |
| 06.02.2020 | 16:45 | 17:00 | 2.799 |
| 06.02.2020 | 17:00 | 17:15 | 2.861 |
| 06.02.2020 | 17:15 | 17:30 | 2.968 |
| 06.02.2020 | 17:30 | 17:45 | 3.049 |
| 06.02.2020 | 17:45 | 18:00 | 3.140 |
| 06.02.2020 | 18:00 | 18:15 | 3.146 |
| 06.02.2020 | 18:15 | 18:30 | 3.188 |
| 06.02.2020 | 18:30 | 18:45 | 3.147 |
| 06.02.2020 | 18:45 | 19:00 | 3.141 |
| 06.02.2020 | 19:00 | 19:15 | 3.120 |
| 06.02.2020 | 19:15 | 19:30 | 3.085 |
| 06.02.2020 | 19:30 | 19:45 | 3.021 |
| 06.02.2020 | 19:45 | 20:00 | 2.919 |
| 06.02.2020 | 20:00 | 20:15 | 2.788 |
| 06.02.2020 | 20:15 | 20:30 | 2.671 |
| 06.02.2020 | 20:30 | 20:45 | 2.527 |
| 06.02.2020 | 20:45 | 21:00 | 2.439 |
| 06.02.2020 | 21:00 | 21:15 | 2.294 |
| 06.02.2020 | 21:15 | 21:30 | 2.196 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.02.2020 | 21:30 | 21:45 | 2.101 |
| 06.02.2020 | 21:45 | 22:00 | 1.968 |
| 06.02.2020 | 22:00 | 22:15 | 2.039 |
| 06.02.2020 | 22:15 | 22:30 | 1.978 |
| 06.02.2020 | 22:30 | 22:45 | 1.897 |
| 06.02.2020 | 22:45 | 23:00 | 1.819 |
| 06.02.2020 | 23:00 | 23:15 | 1.730 |
| 06.02.2020 | 23:15 | 23:30 | 1.626 |
| 06.02.2020 | 23:30 | 23:45 | 1.520 |
| 06.02.2020 | 23:45 | 00:00 | 1.442 |
| 07.02.2020 | 00:00 | 00:15 | 1.377 |
| 07.02.2020 | 00:15 | 00:30 | 1.322 |
| 07.02.2020 | 00:30 | 00:45 | 1.299 |
| 07.02.2020 | 00:45 | 01:00 | 1.261 |
| 07.02.2020 | 01:00 | 01:15 | 1.220 |
| 07.02.2020 | 01:15 | 01:30 | 1.174 |
| 07.02.2020 | 01:30 | 01:45 | 1.161 |
| 07.02.2020 | 01:45 | 02:00 | 1.135 |
| 07.02.2020 | 02:00 | 02:15 | 1.123 |
| 07.02.2020 | 02:15 | 02:30 | 1.111 |
| 07.02.2020 | 02:30 | 02:45 | 1.086 |
| 07.02.2020 | 02:45 | 03:00 | 1.084 |
| 07.02.2020 | 03:00 | 03:15 | 1.103 |
| 07.02.2020 | 03:15 | 03:30 | 1.098 |
| 07.02.2020 | 03:30 | 03:45 | 1.098 |
| 07.02.2020 | 03:45 | 04:00 | 1.110 |
| 07.02.2020 | 04:00 | 04:15 | 1.140 |
| 07.02.2020 | 04:15 | 04:30 | 1.164 |
| 07.02.2020 | 04:30 | 04:45 | 1.199 |
| 07.02.2020 | 04:45 | 05:00 | 1.253 |
| 07.02.2020 | 05:00 | 05:15 | 1.318 |
| 07.02.2020 | 05:15 | 05:30 | 1.366 |
| 07.02.2020 | 05:30 | 05:45 | 1.439 |
| 07.02.2020 | 05:45 | 06:00 | 1.567 |
| 07.02.2020 | 06:00 | 06:15 | 1.695 |
| 07.02.2020 | 06:15 | 06:30 | 1.834 |
| 07.02.2020 | 06:30 | 06:45 | 1.979 |
| 07.02.2020 | 06:45 | 07:00 | 2.107 |
| 07.02.2020 | 07:00 | 07:15 | 2.263 |
| 07.02.2020 | 07:15 | 07:30 | 2.363 |
| 07.02.2020 | 07:30 | 07:45 | 2.380 |
| 07.02.2020 | 07:45 | 08:00 | 2.375 |
| 07.02.2020 | 08:00 | 08:15 | 2.443 |
| 07.02.2020 | 08:15 | 08:30 | 2.491 |
| 07.02.2020 | 08:30 | 08:45 | 2.478 |
| 07.02.2020 | 08:45 | 09:00 | 2.512 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.02.2020 | 09:00 | 09:15 | 2.542 |
| 07.02.2020 | 09:15 | 09:30 | 2.562 |
| 07.02.2020 | 09:30 | 09:45 | 2.588 |
| 07.02.2020 | 09:45 | 10:00 | 2.581 |
| 07.02.2020 | 10:00 | 10:15 | 2.573 |
| 07.02.2020 | 10:15 | 10:30 | 2.565 |
| 07.02.2020 | 10:30 | 10:45 | 2.654 |
| 07.02.2020 | 10:45 | 11:00 | 2.775 |
| 07.02.2020 | 11:00 | 11:15 | 2.806 |
| 07.02.2020 | 11:15 | 11:30 | 2.842 |
| 07.02.2020 | 11:30 | 11:45 | 2.838 |
| 07.02.2020 | 11:45 | 12:00 | 2.873 |
| 07.02.2020 | 12:00 | 12:15 | 2.903 |
| 07.02.2020 | 12:15 | 12:30 | 2.914 |
| 07.02.2020 | 12:30 | 12:45 | 2.841 |
| 07.02.2020 | 12:45 | 13:00 | 2.830 |
| 07.02.2020 | 13:00 | 13:15 | 2.777 |
| 07.02.2020 | 13:15 | 13:30 | 2.766 |
| 07.02.2020 | 13:30 | 13:45 | 2.725 |
| 07.02.2020 | 13:45 | 14:00 | 2.652 |
| 07.02.2020 | 14:00 | 14:15 | 2.593 |
| 07.02.2020 | 14:15 | 14:30 | 2.564 |
| 07.02.2020 | 14:30 | 14:45 | 2.529 |
| 07.02.2020 | 14:45 | 15:00 | 2.551 |
| 07.02.2020 | 15:00 | 15:15 | 2.538 |
| 07.02.2020 | 15:15 | 15:30 | 2.522 |
| 07.02.2020 | 15:30 | 15:45 | 2.487 |
| 07.02.2020 | 15:45 | 16:00 | 2.471 |
| 07.02.2020 | 16:00 | 16:15 | 2.512 |
| 07.02.2020 | 16:15 | 16:30 | 2.488 |
| 07.02.2020 | 16:30 | 16:45 | 2.540 |
| 07.02.2020 | 16:45 | 17:00 | 2.569 |
| 07.02.2020 | 17:00 | 17:15 | 2.579 |
| 07.02.2020 | 17:15 | 17:30 | 2.688 |
| 07.02.2020 | 17:30 | 17:45 | 2.780 |
| 07.02.2020 | 17:45 | 18:00 | 2.955 |
| 07.02.2020 | 18:00 | 18:15 | 3.059 |
| 07.02.2020 | 18:15 | 18:30 | 3.095 |
| 07.02.2020 | 18:30 | 18:45 | 3.104 |
| 07.02.2020 | 18:45 | 19:00 | 3.155 |
| 07.02.2020 | 19:00 | 19:15 | 3.082 |
| 07.02.2020 | 19:15 | 19:30 | 2.986 |
| 07.02.2020 | 19:30 | 19:45 | 2.941 |
| 07.02.2020 | 19:45 | 20:00 | 2.897 |
| 07.02.2020 | 20:00 | 20:15 | 2.740 |
| 07.02.2020 | 20:15 | 20:30 | 2.627 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.02.2020 | 20:30 | 20:45 | 2.488 |
| 07.02.2020 | 20:45 | 21:00 | 2.396 |
| 07.02.2020 | 21:00 | 21:15 | 2.306 |
| 07.02.2020 | 21:15 | 21:30 | 2.212 |
| 07.02.2020 | 21:30 | 21:45 | 2.044 |
| 07.02.2020 | 21:45 | 22:00 | 1.972 |
| 07.02.2020 | 22:00 | 22:15 | 2.018 |
| 07.02.2020 | 22:15 | 22:30 | 1.952 |
| 07.02.2020 | 22:30 | 22:45 | 1.918 |
| 07.02.2020 | 22:45 | 23:00 | 1.830 |
| 07.02.2020 | 23:00 | 23:15 | 1.764 |
| 07.02.2020 | 23:15 | 23:30 | 1.684 |
| 07.02.2020 | 23:30 | 23:45 | 1.592 |
| 07.02.2020 | 23:45 | 00:00 | 1.533 |
| 08.02.2020 | 00:00 | 00:15 | 1.467 |
| 08.02.2020 | 00:15 | 00:30 | 1.418 |
| 08.02.2020 | 00:30 | 00:45 | 1.381 |
| 08.02.2020 | 00:45 | 01:00 | 1.335 |
| 08.02.2020 | 01:00 | 01:15 | 1.286 |
| 08.02.2020 | 01:15 | 01:30 | 1.236 |
| 08.02.2020 | 01:30 | 01:45 | 1.186 |
| 08.02.2020 | 01:45 | 02:00 | 1.160 |
| 08.02.2020 | 02:00 | 02:15 | 1.162 |
| 08.02.2020 | 02:15 | 02:30 | 1.135 |
| 08.02.2020 | 02:30 | 02:45 | 1.123 |
| 08.02.2020 | 02:45 | 03:00 | 1.107 |
| 08.02.2020 | 03:00 | 03:15 | 1.114 |
| 08.02.2020 | 03:15 | 03:30 | 1.104 |
| 08.02.2020 | 03:30 | 03:45 | 1.092 |
| 08.02.2020 | 03:45 | 04:00 | 1.094 |
| 08.02.2020 | 04:00 | 04:15 | 1.102 |
| 08.02.2020 | 04:15 | 04:30 | 1.102 |
| 08.02.2020 | 04:30 | 04:45 | 1.112 |
| 08.02.2020 | 04:45 | 05:00 | 1.130 |
| 08.02.2020 | 05:00 | 05:15 | 1.143 |
| 08.02.2020 | 05:15 | 05:30 | 1.145 |
| 08.02.2020 | 05:30 | 05:45 | 1.148 |
| 08.02.2020 | 05:45 | 06:00 | 1.169 |
| 08.02.2020 | 06:00 | 06:15 | 1.182 |
| 08.02.2020 | 06:15 | 06:30 | 1.227 |
| 08.02.2020 | 06:30 | 06:45 | 1.266 |
| 08.02.2020 | 06:45 | 07:00 | 1.306 |
| 08.02.2020 | 07:00 | 07:15 | 1.370 |
| 08.02.2020 | 07:15 | 07:30 | 1.430 |
| 08.02.2020 | 07:30 | 07:45 | 1.475 |
| 08.02.2020 | 07:45 | 08:00 | 1.514 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.02.2020 | 08:00 | 08:15 | 1.588 |
| 08.02.2020 | 08:15 | 08:30 | 1.671 |
| 08.02.2020 | 08:30 | 08:45 | 1.775 |
| 08.02.2020 | 08:45 | 09:00 | 1.822 |
| 08.02.2020 | 09:00 | 09:15 | 1.898 |
| 08.02.2020 | 09:15 | 09:30 | 1.991 |
| 08.02.2020 | 09:30 | 09:45 | 2.070 |
| 08.02.2020 | 09:45 | 10:00 | 2.140 |
| 08.02.2020 | 10:00 | 10:15 | 2.196 |
| 08.02.2020 | 10:15 | 10:30 | 2.227 |
| 08.02.2020 | 10:30 | 10:45 | 2.253 |
| 08.02.2020 | 10:45 | 11:00 | 2.257 |
| 08.02.2020 | 11:00 | 11:15 | 2.289 |
| 08.02.2020 | 11:15 | 11:30 | 2.303 |
| 08.02.2020 | 11:30 | 11:45 | 2.352 |
| 08.02.2020 | 11:45 | 12:00 | 2.314 |
| 08.02.2020 | 12:00 | 12:15 | 2.294 |
| 08.02.2020 | 12:15 | 12:30 | 2.288 |
| 08.02.2020 | 12:30 | 12:45 | 2.269 |
| 08.02.2020 | 12:45 | 13:00 | 2.234 |
| 08.02.2020 | 13:00 | 13:15 | 2.224 |
| 08.02.2020 | 13:15 | 13:30 | 2.192 |
| 08.02.2020 | 13:30 | 13:45 | 2.162 |
| 08.02.2020 | 13:45 | 14:00 | 2.157 |
| 08.02.2020 | 14:00 | 14:15 | 2.159 |
| 08.02.2020 | 14:15 | 14:30 | 2.079 |
| 08.02.2020 | 14:30 | 14:45 | 2.074 |
| 08.02.2020 | 14:45 | 15:00 | 2.054 |
| 08.02.2020 | 15:00 | 15:15 | 2.042 |
| 08.02.2020 | 15:15 | 15:30 | 2.054 |
| 08.02.2020 | 15:30 | 15:45 | 2.039 |
| 08.02.2020 | 15:45 | 16:00 | 2.016 |
| 08.02.2020 | 16:00 | 16:15 | 2.028 |
| 08.02.2020 | 16:15 | 16:30 | 2.046 |
| 08.02.2020 | 16:30 | 16:45 | 2.016 |
| 08.02.2020 | 16:45 | 17:00 | 2.026 |
| 08.02.2020 | 17:00 | 17:15 | 2.065 |
| 08.02.2020 | 17:15 | 17:30 | 2.146 |
| 08.02.2020 | 17:30 | 17:45 | 2.274 |
| 08.02.2020 | 17:45 | 18:00 | 2.381 |
| 08.02.2020 | 18:00 | 18:15 | 2.442 |
| 08.02.2020 | 18:15 | 18:30 | 2.427 |
| 08.02.2020 | 18:30 | 18:45 | 2.370 |
| 08.02.2020 | 18:45 | 19:00 | 2.343 |
| 08.02.2020 | 19:00 | 19:15 | 2.291 |
| 08.02.2020 | 19:15 | 19:30 | 2.233 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.02.2020 | 19:30 | 19:45 | 2.155 |
| 08.02.2020 | 19:45 | 20:00 | 2.103 |
| 08.02.2020 | 20:00 | 20:15 | 2.045 |
| 08.02.2020 | 20:15 | 20:30 | 1.960 |
| 08.02.2020 | 20:30 | 20:45 | 1.883 |
| 08.02.2020 | 20:45 | 21:00 | 1.830 |
| 08.02.2020 | 21:00 | 21:15 | 1.763 |
| 08.02.2020 | 21:15 | 21:30 | 1.721 |
| 08.02.2020 | 21:30 | 21:45 | 1.657 |
| 08.02.2020 | 21:45 | 22:00 | 1.611 |
| 08.02.2020 | 22:00 | 22:15 | 1.692 |
| 08.02.2020 | 22:15 | 22:30 | 1.628 |
| 08.02.2020 | 22:30 | 22:45 | 1.568 |
| 08.02.2020 | 22:45 | 23:00 | 1.522 |
| 08.02.2020 | 23:00 | 23:15 | 1.456 |
| 08.02.2020 | 23:15 | 23:30 | 1.417 |
| 08.02.2020 | 23:30 | 23:45 | 1.359 |
| 08.02.2020 | 23:45 | 00:00 | 1.307 |
| 09.02.2020 | 00:00 | 00:15 | 1.256 |
| 09.02.2020 | 00:15 | 00:30 | 1.218 |
| 09.02.2020 | 00:30 | 00:45 | 1.179 |
| 09.02.2020 | 00:45 | 01:00 | 1.139 |
| 09.02.2020 | 01:00 | 01:15 | 1.096 |
| 09.02.2020 | 01:15 | 01:30 | 1.061 |
| 09.02.2020 | 01:30 | 01:45 | 1.043 |
| 09.02.2020 | 01:45 | 02:00 | 1.022 |
| 09.02.2020 | 02:00 | 02:15 | 1.014 |
| 09.02.2020 | 02:15 | 02:30 | 1.000 |
| 09.02.2020 | 02:30 | 02:45 | 985 |
| 09.02.2020 | 02:45 | 03:00 | 977 |
| 09.02.2020 | 03:00 | 03:15 | 974 |
| 09.02.2020 | 03:15 | 03:30 | 964 |
| 09.02.2020 | 03:30 | 03:45 | 961 |
| 09.02.2020 | 03:45 | 04:00 | 958 |
| 09.02.2020 | 04:00 | 04:15 | 964 |
| 09.02.2020 | 04:15 | 04:30 | 957 |
| 09.02.2020 | 04:30 | 04:45 | 964 |
| 09.02.2020 | 04:45 | 05:00 | 963 |
| 09.02.2020 | 05:00 | 05:15 | 980 |
| 09.02.2020 | 05:15 | 05:30 | 984 |
| 09.02.2020 | 05:30 | 05:45 | 984 |
| 09.02.2020 | 05:45 | 06:00 | 999 |
| 09.02.2020 | 06:00 | 06:15 | 1.000 |
| 09.02.2020 | 06:15 | 06:30 | 1.010 |
| 09.02.2020 | 06:30 | 06:45 | 1.033 |
| 09.02.2020 | 06:45 | 07:00 | 1.064 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.02.2020 | 07:00 | 07:15 | 1.101 |
| 09.02.2020 | 07:15 | 07:30 | 1.137 |
| 09.02.2020 | 07:30 | 07:45 | 1.176 |
| 09.02.2020 | 07:45 | 08:00 | 1.202 |
| 09.02.2020 | 08:00 | 08:15 | 1.253 |
| 09.02.2020 | 08:15 | 08:30 | 1.306 |
| 09.02.2020 | 08:30 | 08:45 | 1.376 |
| 09.02.2020 | 08:45 | 09:00 | 1.464 |
| 09.02.2020 | 09:00 | 09:15 | 1.534 |
| 09.02.2020 | 09:15 | 09:30 | 1.621 |
| 09.02.2020 | 09:30 | 09:45 | 1.671 |
| 09.02.2020 | 09:45 | 10:00 | 1.740 |
| 09.02.2020 | 10:00 | 10:15 | 1.809 |
| 09.02.2020 | 10:15 | 10:30 | 1.870 |
| 09.02.2020 | 10:30 | 10:45 | 1.903 |
| 09.02.2020 | 10:45 | 11:00 | 1.955 |
| 09.02.2020 | 11:00 | 11:15 | 1.977 |
| 09.02.2020 | 11:15 | 11:30 | 2.057 |
| 09.02.2020 | 11:30 | 11:45 | 2.105 |
| 09.02.2020 | 11:45 | 12:00 | 2.146 |
| 09.02.2020 | 12:00 | 12:15 | 2.169 |
| 09.02.2020 | 12:15 | 12:30 | 2.236 |
| 09.02.2020 | 12:30 | 12:45 | 2.246 |
| 09.02.2020 | 12:45 | 13:00 | 2.195 |
| 09.02.2020 | 13:00 | 13:15 | 2.158 |
| 09.02.2020 | 13:15 | 13:30 | 2.138 |
| 09.02.2020 | 13:30 | 13:45 | 2.137 |
| 09.02.2020 | 13:45 | 14:00 | 2.116 |
| 09.02.2020 | 14:00 | 14:15 | 2.072 |
| 09.02.2020 | 14:15 | 14:30 | 2.060 |
| 09.02.2020 | 14:30 | 14:45 | 2.002 |
| 09.02.2020 | 14:45 | 15:00 | 1.980 |
| 09.02.2020 | 15:00 | 15:15 | 1.979 |
| 09.02.2020 | 15:15 | 15:30 | 1.958 |
| 09.02.2020 | 15:30 | 15:45 | 1.942 |
| 09.02.2020 | 15:45 | 16:00 | 1.935 |
| 09.02.2020 | 16:00 | 16:15 | 1.958 |
| 09.02.2020 | 16:15 | 16:30 | 1.933 |
| 09.02.2020 | 16:30 | 16:45 | 1.960 |
| 09.02.2020 | 16:45 | 17:00 | 1.985 |
| 09.02.2020 | 17:00 | 17:15 | 2.061 |
| 09.02.2020 | 17:15 | 17:30 | 2.117 |
| 09.02.2020 | 17:30 | 17:45 | 2.181 |
| 09.02.2020 | 17:45 | 18:00 | 2.270 |
| 09.02.2020 | 18:00 | 18:15 | 2.278 |
| 09.02.2020 | 18:15 | 18:30 | 2.270 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.02.2020 | 18:30 | 18:45 | 2.255 |
| 09.02.2020 | 18:45 | 19:00 | 2.250 |
| 09.02.2020 | 19:00 | 19:15 | 2.188 |
| 09.02.2020 | 19:15 | 19:30 | 2.159 |
| 09.02.2020 | 19:30 | 19:45 | 2.088 |
| 09.02.2020 | 19:45 | 20:00 | 2.033 |
| 09.02.2020 | 20:00 | 20:15 | 1.959 |
| 09.02.2020 | 20:15 | 20:30 | 1.868 |
| 09.02.2020 | 20:30 | 20:45 | 1.790 |
| 09.02.2020 | 20:45 | 21:00 | 1.739 |
| 09.02.2020 | 21:00 | 21:15 | 1.669 |
| 09.02.2020 | 21:15 | 21:30 | 1.624 |
| 09.02.2020 | 21:30 | 21:45 | 1.559 |
| 09.02.2020 | 21:45 | 22:00 | 1.535 |
| 09.02.2020 | 22:00 | 22:15 | 1.623 |
| 09.02.2020 | 22:15 | 22:30 | 1.574 |
| 09.02.2020 | 22:30 | 22:45 | 1.516 |
| 09.02.2020 | 22:45 | 23:00 | 1.458 |
| 09.02.2020 | 23:00 | 23:15 | 1.405 |
| 09.02.2020 | 23:15 | 23:30 | 1.362 |
| 09.02.2020 | 23:30 | 23:45 | 1.285 |
| 09.02.2020 | 23:45 | 00:00 | 1.236 |
| 10.02.2020 | 00:00 | 00:15 | 1.218 |
| 10.02.2020 | 00:15 | 00:30 | 1.180 |
| 10.02.2020 | 00:30 | 00:45 | 1.140 |
| 10.02.2020 | 00:45 | 01:00 | 1.096 |
| 10.02.2020 | 01:00 | 01:15 | 1.073 |
| 10.02.2020 | 01:15 | 01:30 | 1.047 |
| 10.02.2020 | 01:30 | 01:45 | 1.022 |
| 10.02.2020 | 01:45 | 02:00 | 1.006 |
| 10.02.2020 | 02:00 | 02:15 | 1.001 |
| 10.02.2020 | 02:15 | 02:30 | 992 |
| 10.02.2020 | 02:30 | 02:45 | 977 |
| 10.02.2020 | 02:45 | 03:00 | 975 |
| 10.02.2020 | 03:00 | 03:15 | 975 |
| 10.02.2020 | 03:15 | 03:30 | 968 |
| 10.02.2020 | 03:30 | 03:45 | 985 |
| 10.02.2020 | 03:45 | 04:00 | 999 |
| 10.02.2020 | 04:00 | 04:15 | 1.023 |
| 10.02.2020 | 04:15 | 04:30 | 1.031 |
| 10.02.2020 | 04:30 | 04:45 | 1.064 |
| 10.02.2020 | 04:45 | 05:00 | 1.143 |
| 10.02.2020 | 05:00 | 05:15 | 1.201 |
| 10.02.2020 | 05:15 | 05:30 | 1.232 |
| 10.02.2020 | 05:30 | 05:45 | 1.300 |
| 10.02.2020 | 05:45 | 06:00 | 1.390 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.02.2020 | 06:00 | 06:15 | 1.544 |
| 10.02.2020 | 06:15 | 06:30 | 1.670 |
| 10.02.2020 | 06:30 | 06:45 | 1.795 |
| 10.02.2020 | 06:45 | 07:00 | 1.921 |
| 10.02.2020 | 07:00 | 07:15 | 2.076 |
| 10.02.2020 | 07:15 | 07:30 | 2.196 |
| 10.02.2020 | 07:30 | 07:45 | 2.226 |
| 10.02.2020 | 07:45 | 08:00 | 2.218 |
| 10.02.2020 | 08:00 | 08:15 | 2.301 |
| 10.02.2020 | 08:15 | 08:30 | 2.344 |
| 10.02.2020 | 08:30 | 08:45 | 2.368 |
| 10.02.2020 | 08:45 | 09:00 | 2.394 |
| 10.02.2020 | 09:00 | 09:15 | 2.501 |
| 10.02.2020 | 09:15 | 09:30 | 2.522 |
| 10.02.2020 | 09:30 | 09:45 | 2.537 |
| 10.02.2020 | 09:45 | 10:00 | 2.590 |
| 10.02.2020 | 10:00 | 10:15 | 2.609 |
| 10.02.2020 | 10:15 | 10:30 | 2.726 |
| 10.02.2020 | 10:30 | 10:45 | 2.787 |
| 10.02.2020 | 10:45 | 11:00 | 2.776 |
| 10.02.2020 | 11:00 | 11:15 | 2.762 |
| 10.02.2020 | 11:15 | 11:30 | 2.771 |
| 10.02.2020 | 11:30 | 11:45 | 2.794 |
| 10.02.2020 | 11:45 | 12:00 | 2.815 |
| 10.02.2020 | 12:00 | 12:15 | 2.866 |
| 10.02.2020 | 12:15 | 12:30 | 2.943 |
| 10.02.2020 | 12:30 | 12:45 | 2.908 |
| 10.02.2020 | 12:45 | 13:00 | 2.868 |
| 10.02.2020 | 13:00 | 13:15 | 2.854 |
| 10.02.2020 | 13:15 | 13:30 | 2.796 |
| 10.02.2020 | 13:30 | 13:45 | 2.788 |
| 10.02.2020 | 13:45 | 14:00 | 2.787 |
| 10.02.2020 | 14:00 | 14:15 | 2.715 |
| 10.02.2020 | 14:15 | 14:30 | 2.597 |
| 10.02.2020 | 14:30 | 14:45 | 2.585 |
| 10.02.2020 | 14:45 | 15:00 | 2.615 |
| 10.02.2020 | 15:00 | 15:15 | 2.579 |
| 10.02.2020 | 15:15 | 15:30 | 2.630 |
| 10.02.2020 | 15:30 | 15:45 | 2.579 |
| 10.02.2020 | 15:45 | 16:00 | 2.591 |
| 10.02.2020 | 16:00 | 16:15 | 2.611 |
| 10.02.2020 | 16:15 | 16:30 | 2.609 |
| 10.02.2020 | 16:30 | 16:45 | 2.574 |
| 10.02.2020 | 16:45 | 17:00 | 2.647 |
| 10.02.2020 | 17:00 | 17:15 | 2.725 |
| 10.02.2020 | 17:15 | 17:30 | 2.838 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.02.2020 | 17:30 | 17:45 | 2.934 |
| 10.02.2020 | 17:45 | 18:00 | 3.045 |
| 10.02.2020 | 18:00 | 18:15 | 3.070 |
| 10.02.2020 | 18:15 | 18:30 | 3.050 |
| 10.02.2020 | 18:30 | 18:45 | 3.021 |
| 10.02.2020 | 18:45 | 19:00 | 3.038 |
| 10.02.2020 | 19:00 | 19:15 | 2.991 |
| 10.02.2020 | 19:15 | 19:30 | 2.896 |
| 10.02.2020 | 19:30 | 19:45 | 2.807 |
| 10.02.2020 | 19:45 | 20:00 | 2.757 |
| 10.02.2020 | 20:00 | 20:15 | 2.620 |
| 10.02.2020 | 20:15 | 20:30 | 2.527 |
| 10.02.2020 | 20:30 | 20:45 | 2.475 |
| 10.02.2020 | 20:45 | 21:00 | 2.300 |
| 10.02.2020 | 21:00 | 21:15 | 2.158 |
| 10.02.2020 | 21:15 | 21:30 | 2.058 |
| 10.02.2020 | 21:30 | 21:45 | 1.946 |
| 10.02.2020 | 21:45 | 22:00 | 1.859 |
| 10.02.2020 | 22:00 | 22:15 | 1.894 |
| 10.02.2020 | 22:15 | 22:30 | 1.828 |
| 10.02.2020 | 22:30 | 22:45 | 1.761 |
| 10.02.2020 | 22:45 | 23:00 | 1.679 |
| 10.02.2020 | 23:00 | 23:15 | 1.604 |
| 10.02.2020 | 23:15 | 23:30 | 1.542 |
| 10.02.2020 | 23:30 | 23:45 | 1.484 |
| 10.02.2020 | 23:45 | 00:00 | 1.438 |
| 11.02.2020 | 00:00 | 00:15 | 1.375 |
| 11.02.2020 | 00:15 | 00:30 | 1.326 |
| 11.02.2020 | 00:30 | 00:45 | 1.278 |
| 11.02.2020 | 00:45 | 01:00 | 1.246 |
| 11.02.2020 | 01:00 | 01:15 | 1.225 |
| 11.02.2020 | 01:15 | 01:30 | 1.196 |
| 11.02.2020 | 01:30 | 01:45 | 1.159 |
| 11.02.2020 | 01:45 | 02:00 | 1.150 |
| 11.02.2020 | 02:00 | 02:15 | 1.129 |
| 11.02.2020 | 02:15 | 02:30 | 1.111 |
| 11.02.2020 | 02:30 | 02:45 | 1.106 |
| 11.02.2020 | 02:45 | 03:00 | 1.097 |
| 11.02.2020 | 03:00 | 03:15 | 1.104 |
| 11.02.2020 | 03:15 | 03:30 | 1.097 |
| 11.02.2020 | 03:30 | 03:45 | 1.104 |
| 11.02.2020 | 03:45 | 04:00 | 1.115 |
| 11.02.2020 | 04:00 | 04:15 | 1.157 |
| 11.02.2020 | 04:15 | 04:30 | 1.179 |
| 11.02.2020 | 04:30 | 04:45 | 1.206 |
| 11.02.2020 | 04:45 | 05:00 | 1.251 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.02.2020 | 05:00 | 05:15 | 1.301 |
| 11.02.2020 | 05:15 | 05:30 | 1.354 |
| 11.02.2020 | 05:30 | 05:45 | 1.405 |
| 11.02.2020 | 05:45 | 06:00 | 1.520 |
| 11.02.2020 | 06:00 | 06:15 | 1.645 |
| 11.02.2020 | 06:15 | 06:30 | 1.831 |
| 11.02.2020 | 06:30 | 06:45 | 1.957 |
| 11.02.2020 | 06:45 | 07:00 | 2.074 |
| 11.02.2020 | 07:00 | 07:15 | 2.214 |
| 11.02.2020 | 07:15 | 07:30 | 2.303 |
| 11.02.2020 | 07:30 | 07:45 | 2.292 |
| 11.02.2020 | 07:45 | 08:00 | 2.349 |
| 11.02.2020 | 08:00 | 08:15 | 2.389 |
| 11.02.2020 | 08:15 | 08:30 | 2.434 |
| 11.02.2020 | 08:30 | 08:45 | 2.447 |
| 11.02.2020 | 08:45 | 09:00 | 2.467 |
| 11.02.2020 | 09:00 | 09:15 | 2.479 |
| 11.02.2020 | 09:15 | 09:30 | 2.507 |
| 11.02.2020 | 09:30 | 09:45 | 2.553 |
| 11.02.2020 | 09:45 | 10:00 | 2.572 |
| 11.02.2020 | 10:00 | 10:15 | 2.607 |
| 11.02.2020 | 10:15 | 10:30 | 2.680 |
| 11.02.2020 | 10:30 | 10:45 | 2.662 |
| 11.02.2020 | 10:45 | 11:00 | 2.670 |
| 11.02.2020 | 11:00 | 11:15 | 2.720 |
| 11.02.2020 | 11:15 | 11:30 | 2.794 |
| 11.02.2020 | 11:30 | 11:45 | 2.804 |
| 11.02.2020 | 11:45 | 12:00 | 2.795 |
| 11.02.2020 | 12:00 | 12:15 | 2.799 |
| 11.02.2020 | 12:15 | 12:30 | 2.799 |
| 11.02.2020 | 12:30 | 12:45 | 2.788 |
| 11.02.2020 | 12:45 | 13:00 | 2.748 |
| 11.02.2020 | 13:00 | 13:15 | 2.734 |
| 11.02.2020 | 13:15 | 13:30 | 2.812 |
| 11.02.2020 | 13:30 | 13:45 | 2.743 |
| 11.02.2020 | 13:45 | 14:00 | 2.692 |
| 11.02.2020 | 14:00 | 14:15 | 2.643 |
| 11.02.2020 | 14:15 | 14:30 | 2.686 |
| 11.02.2020 | 14:30 | 14:45 | 2.648 |
| 11.02.2020 | 14:45 | 15:00 | 2.566 |
| 11.02.2020 | 15:00 | 15:15 | 2.582 |
| 11.02.2020 | 15:15 | 15:30 | 2.565 |
| 11.02.2020 | 15:30 | 15:45 | 2.581 |
| 11.02.2020 | 15:45 | 16:00 | 2.561 |
| 11.02.2020 | 16:00 | 16:15 | 2.581 |
| 11.02.2020 | 16:15 | 16:30 | 2.628 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.02.2020 | 16:30 | 16:45 | 2.632 |
| 11.02.2020 | 16:45 | 17:00 | 2.642 |
| 11.02.2020 | 17:00 | 17:15 | 2.711 |
| 11.02.2020 | 17:15 | 17:30 | 2.781 |
| 11.02.2020 | 17:30 | 17:45 | 2.836 |
| 11.02.2020 | 17:45 | 18:00 | 2.951 |
| 11.02.2020 | 18:00 | 18:15 | 3.064 |
| 11.02.2020 | 18:15 | 18:30 | 3.082 |
| 11.02.2020 | 18:30 | 18:45 | 3.099 |
| 11.02.2020 | 18:45 | 19:00 | 3.083 |
| 11.02.2020 | 19:00 | 19:15 | 3.028 |
| 11.02.2020 | 19:15 | 19:30 | 2.967 |
| 11.02.2020 | 19:30 | 19:45 | 2.884 |
| 11.02.2020 | 19:45 | 20:00 | 2.813 |
| 11.02.2020 | 20:00 | 20:15 | 2.660 |
| 11.02.2020 | 20:15 | 20:30 | 2.521 |
| 11.02.2020 | 20:30 | 20:45 | 2.445 |
| 11.02.2020 | 20:45 | 21:00 | 2.337 |
| 11.02.2020 | 21:00 | 21:15 | 2.211 |
| 11.02.2020 | 21:15 | 21:30 | 2.093 |
| 11.02.2020 | 21:30 | 21:45 | 1.996 |
| 11.02.2020 | 21:45 | 22:00 | 1.902 |
| 11.02.2020 | 22:00 | 22:15 | 1.920 |
| 11.02.2020 | 22:15 | 22:30 | 1.827 |
| 11.02.2020 | 22:30 | 22:45 | 1.768 |
| 11.02.2020 | 22:45 | 23:00 | 1.710 |
| 11.02.2020 | 23:00 | 23:15 | 1.632 |
| 11.02.2020 | 23:15 | 23:30 | 1.570 |
| 11.02.2020 | 23:30 | 23:45 | 1.501 |
| 11.02.2020 | 23:45 | 00:00 | 1.441 |
| 12.02.2020 | 00:00 | 00:15 | 1.375 |
| 12.02.2020 | 00:15 | 00:30 | 1.327 |
| 12.02.2020 | 00:30 | 00:45 | 1.292 |
| 12.02.2020 | 00:45 | 01:00 | 1.249 |
| 12.02.2020 | 01:00 | 01:15 | 1.224 |
| 12.02.2020 | 01:15 | 01:30 | 1.192 |
| 12.02.2020 | 01:30 | 01:45 | 1.168 |
| 12.02.2020 | 01:45 | 02:00 | 1.149 |
| 12.02.2020 | 02:00 | 02:15 | 1.131 |
| 12.02.2020 | 02:15 | 02:30 | 1.110 |
| 12.02.2020 | 02:30 | 02:45 | 1.111 |
| 12.02.2020 | 02:45 | 03:00 | 1.108 |
| 12.02.2020 | 03:00 | 03:15 | 1.110 |
| 12.02.2020 | 03:15 | 03:30 | 1.106 |
| 12.02.2020 | 03:30 | 03:45 | 1.111 |
| 12.02.2020 | 03:45 | 04:00 | 1.116 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.02.2020 | 04:00 | 04:15 | 1.155 |
| 12.02.2020 | 04:15 | 04:30 | 1.182 |
| 12.02.2020 | 04:30 | 04:45 | 1.216 |
| 12.02.2020 | 04:45 | 05:00 | 1.259 |
| 12.02.2020 | 05:00 | 05:15 | 1.325 |
| 12.02.2020 | 05:15 | 05:30 | 1.364 |
| 12.02.2020 | 05:30 | 05:45 | 1.436 |
| 12.02.2020 | 05:45 | 06:00 | 1.558 |
| 12.02.2020 | 06:00 | 06:15 | 1.681 |
| 12.02.2020 | 06:15 | 06:30 | 1.852 |
| 12.02.2020 | 06:30 | 06:45 | 1.965 |
| 12.02.2020 | 06:45 | 07:00 | 2.096 |
| 12.02.2020 | 07:00 | 07:15 | 2.259 |
| 12.02.2020 | 07:15 | 07:30 | 2.347 |
| 12.02.2020 | 07:30 | 07:45 | 2.323 |
| 12.02.2020 | 07:45 | 08:00 | 2.331 |
| 12.02.2020 | 08:00 | 08:15 | 2.388 |
| 12.02.2020 | 08:15 | 08:30 | 2.437 |
| 12.02.2020 | 08:30 | 08:45 | 2.478 |
| 12.02.2020 | 08:45 | 09:00 | 2.518 |
| 12.02.2020 | 09:00 | 09:15 | 2.557 |
| 12.02.2020 | 09:15 | 09:30 | 2.572 |
| 12.02.2020 | 09:30 | 09:45 | 2.565 |
| 12.02.2020 | 09:45 | 10:00 | 2.601 |
| 12.02.2020 | 10:00 | 10:15 | 2.594 |
| 12.02.2020 | 10:15 | 10:30 | 2.597 |
| 12.02.2020 | 10:30 | 10:45 | 2.687 |
| 12.02.2020 | 10:45 | 11:00 | 2.712 |
| 12.02.2020 | 11:00 | 11:15 | 2.762 |
| 12.02.2020 | 11:15 | 11:30 | 2.753 |
| 12.02.2020 | 11:30 | 11:45 | 2.735 |
| 12.02.2020 | 11:45 | 12:00 | 2.742 |
| 12.02.2020 | 12:00 | 12:15 | 2.751 |
| 12.02.2020 | 12:15 | 12:30 | 2.761 |
| 12.02.2020 | 12:30 | 12:45 | 2.752 |
| 12.02.2020 | 12:45 | 13:00 | 2.769 |
| 12.02.2020 | 13:00 | 13:15 | 2.782 |
| 12.02.2020 | 13:15 | 13:30 | 2.709 |
| 12.02.2020 | 13:30 | 13:45 | 2.698 |
| 12.02.2020 | 13:45 | 14:00 | 2.649 |
| 12.02.2020 | 14:00 | 14:15 | 2.628 |
| 12.02.2020 | 14:15 | 14:30 | 2.562 |
| 12.02.2020 | 14:30 | 14:45 | 2.545 |
| 12.02.2020 | 14:45 | 15:00 | 2.528 |
| 12.02.2020 | 15:00 | 15:15 | 2.532 |
| 12.02.2020 | 15:15 | 15:30 | 2.512 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.02.2020 | 15:30 | 15:45 | 2.506 |
| 12.02.2020 | 15:45 | 16:00 | 2.523 |
| 12.02.2020 | 16:00 | 16:15 | 2.556 |
| 12.02.2020 | 16:15 | 16:30 | 2.549 |
| 12.02.2020 | 16:30 | 16:45 | 2.530 |
| 12.02.2020 | 16:45 | 17:00 | 2.573 |
| 12.02.2020 | 17:00 | 17:15 | 2.652 |
| 12.02.2020 | 17:15 | 17:30 | 2.676 |
| 12.02.2020 | 17:30 | 17:45 | 2.762 |
| 12.02.2020 | 17:45 | 18:00 | 2.933 |
| 12.02.2020 | 18:00 | 18:15 | 3.041 |
| 12.02.2020 | 18:15 | 18:30 | 3.100 |
| 12.02.2020 | 18:30 | 18:45 | 3.080 |
| 12.02.2020 | 18:45 | 19:00 | 3.062 |
| 12.02.2020 | 19:00 | 19:15 | 2.994 |
| 12.02.2020 | 19:15 | 19:30 | 2.941 |
| 12.02.2020 | 19:30 | 19:45 | 2.888 |
| 12.02.2020 | 19:45 | 20:00 | 2.822 |
| 12.02.2020 | 20:00 | 20:15 | 2.682 |
| 12.02.2020 | 20:15 | 20:30 | 2.514 |
| 12.02.2020 | 20:30 | 20:45 | 2.408 |
| 12.02.2020 | 20:45 | 21:00 | 2.356 |
| 12.02.2020 | 21:00 | 21:15 | 2.214 |
| 12.02.2020 | 21:15 | 21:30 | 2.110 |
| 12.02.2020 | 21:30 | 21:45 | 1.997 |
| 12.02.2020 | 21:45 | 22:00 | 1.920 |
| 12.02.2020 | 22:00 | 22:15 | 1.926 |
| 12.02.2020 | 22:15 | 22:30 | 1.843 |
| 12.02.2020 | 22:30 | 22:45 | 1.777 |
| 12.02.2020 | 22:45 | 23:00 | 1.699 |
| 12.02.2020 | 23:00 | 23:15 | 1.612 |
| 12.02.2020 | 23:15 | 23:30 | 1.568 |
| 12.02.2020 | 23:30 | 23:45 | 1.505 |
| 12.02.2020 | 23:45 | 00:00 | 1.428 |
| 13.02.2020 | 00:00 | 00:15 | 1.386 |
| 13.02.2020 | 00:15 | 00:30 | 1.330 |
| 13.02.2020 | 00:30 | 00:45 | 1.301 |
| 13.02.2020 | 00:45 | 01:00 | 1.259 |
| 13.02.2020 | 01:00 | 01:15 | 1.225 |
| 13.02.2020 | 01:15 | 01:30 | 1.188 |
| 13.02.2020 | 01:30 | 01:45 | 1.157 |
| 13.02.2020 | 01:45 | 02:00 | 1.139 |
| 13.02.2020 | 02:00 | 02:15 | 1.122 |
| 13.02.2020 | 02:15 | 02:30 | 1.101 |
| 13.02.2020 | 02:30 | 02:45 | 1.082 |
| 13.02.2020 | 02:45 | 03:00 | 1.087 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.02.2020 | 03:00 | 03:15 | 1.094 |
| 13.02.2020 | 03:15 | 03:30 | 1.097 |
| 13.02.2020 | 03:30 | 03:45 | 1.103 |
| 13.02.2020 | 03:45 | 04:00 | 1.109 |
| 13.02.2020 | 04:00 | 04:15 | 1.136 |
| 13.02.2020 | 04:15 | 04:30 | 1.162 |
| 13.02.2020 | 04:30 | 04:45 | 1.194 |
| 13.02.2020 | 04:45 | 05:00 | 1.241 |
| 13.02.2020 | 05:00 | 05:15 | 1.295 |
| 13.02.2020 | 05:15 | 05:30 | 1.347 |
| 13.02.2020 | 05:30 | 05:45 | 1.426 |
| 13.02.2020 | 05:45 | 06:00 | 1.533 |
| 13.02.2020 | 06:00 | 06:15 | 1.664 |
| 13.02.2020 | 06:15 | 06:30 | 1.824 |
| 13.02.2020 | 06:30 | 06:45 | 1.960 |
| 13.02.2020 | 06:45 | 07:00 | 2.077 |
| 13.02.2020 | 07:00 | 07:15 | 2.236 |
| 13.02.2020 | 07:15 | 07:30 | 2.323 |
| 13.02.2020 | 07:30 | 07:45 | 2.352 |
| 13.02.2020 | 07:45 | 08:00 | 2.366 |
| 13.02.2020 | 08:00 | 08:15 | 2.428 |
| 13.02.2020 | 08:15 | 08:30 | 2.455 |
| 13.02.2020 | 08:30 | 08:45 | 2.470 |
| 13.02.2020 | 08:45 | 09:00 | 2.503 |
| 13.02.2020 | 09:00 | 09:15 | 2.615 |
| 13.02.2020 | 09:15 | 09:30 | 2.620 |
| 13.02.2020 | 09:30 | 09:45 | 2.645 |
| 13.02.2020 | 09:45 | 10:00 | 2.705 |
| 13.02.2020 | 10:00 | 10:15 | 2.750 |
| 13.02.2020 | 10:15 | 10:30 | 2.742 |
| 13.02.2020 | 10:30 | 10:45 | 2.781 |
| 13.02.2020 | 10:45 | 11:00 | 2.833 |
| 13.02.2020 | 11:00 | 11:15 | 2.847 |
| 13.02.2020 | 11:15 | 11:30 | 2.911 |
| 13.02.2020 | 11:30 | 11:45 | 2.906 |
| 13.02.2020 | 11:45 | 12:00 | 2.926 |
| 13.02.2020 | 12:00 | 12:15 | 2.958 |
| 13.02.2020 | 12:15 | 12:30 | 3.013 |
| 13.02.2020 | 12:30 | 12:45 | 2.973 |
| 13.02.2020 | 12:45 | 13:00 | 2.943 |
| 13.02.2020 | 13:00 | 13:15 | 2.942 |
| 13.02.2020 | 13:15 | 13:30 | 2.885 |
| 13.02.2020 | 13:30 | 13:45 | 2.815 |
| 13.02.2020 | 13:45 | 14:00 | 2.746 |
| 13.02.2020 | 14:00 | 14:15 | 2.719 |
| 13.02.2020 | 14:15 | 14:30 | 2.667 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.02.2020 | 14:30 | 14:45 | 2.600 |
| 13.02.2020 | 14:45 | 15:00 | 2.584 |
| 13.02.2020 | 15:00 | 15:15 | 2.560 |
| 13.02.2020 | 15:15 | 15:30 | 2.506 |
| 13.02.2020 | 15:30 | 15:45 | 2.461 |
| 13.02.2020 | 15:45 | 16:00 | 2.443 |
| 13.02.2020 | 16:00 | 16:15 | 2.485 |
| 13.02.2020 | 16:15 | 16:30 | 2.476 |
| 13.02.2020 | 16:30 | 16:45 | 2.554 |
| 13.02.2020 | 16:45 | 17:00 | 2.575 |
| 13.02.2020 | 17:00 | 17:15 | 2.630 |
| 13.02.2020 | 17:15 | 17:30 | 2.647 |
| 13.02.2020 | 17:30 | 17:45 | 2.708 |
| 13.02.2020 | 17:45 | 18:00 | 2.841 |
| 13.02.2020 | 18:00 | 18:15 | 2.994 |
| 13.02.2020 | 18:15 | 18:30 | 3.060 |
| 13.02.2020 | 18:30 | 18:45 | 3.083 |
| 13.02.2020 | 18:45 | 19:00 | 3.112 |
| 13.02.2020 | 19:00 | 19:15 | 3.040 |
| 13.02.2020 | 19:15 | 19:30 | 2.937 |
| 13.02.2020 | 19:30 | 19:45 | 2.850 |
| 13.02.2020 | 19:45 | 20:00 | 2.802 |
| 13.02.2020 | 20:00 | 20:15 | 2.623 |
| 13.02.2020 | 20:15 | 20:30 | 2.529 |
| 13.02.2020 | 20:30 | 20:45 | 2.431 |
| 13.02.2020 | 20:45 | 21:00 | 2.322 |
| 13.02.2020 | 21:00 | 21:15 | 2.215 |
| 13.02.2020 | 21:15 | 21:30 | 2.100 |
| 13.02.2020 | 21:30 | 21:45 | 2.017 |
| 13.02.2020 | 21:45 | 22:00 | 1.911 |
| 13.02.2020 | 22:00 | 22:15 | 1.918 |
| 13.02.2020 | 22:15 | 22:30 | 1.832 |
| 13.02.2020 | 22:30 | 22:45 | 1.758 |
| 13.02.2020 | 22:45 | 23:00 | 1.689 |
| 13.02.2020 | 23:00 | 23:15 | 1.612 |
| 13.02.2020 | 23:15 | 23:30 | 1.563 |
| 13.02.2020 | 23:30 | 23:45 | 1.473 |
| 13.02.2020 | 23:45 | 00:00 | 1.414 |
| 14.02.2020 | 00:00 | 00:15 | 1.375 |
| 14.02.2020 | 00:15 | 00:30 | 1.327 |
| 14.02.2020 | 00:30 | 00:45 | 1.291 |
| 14.02.2020 | 00:45 | 01:00 | 1.241 |
| 14.02.2020 | 01:00 | 01:15 | 1.199 |
| 14.02.2020 | 01:15 | 01:30 | 1.164 |
| 14.02.2020 | 01:30 | 01:45 | 1.142 |
| 14.02.2020 | 01:45 | 02:00 | 1.122 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.02.2020 | 02:00 | 02:15 | 1.113 |
| 14.02.2020 | 02:15 | 02:30 | 1.096 |
| 14.02.2020 | 02:30 | 02:45 | 1.084 |
| 14.02.2020 | 02:45 | 03:00 | 1.067 |
| 14.02.2020 | 03:00 | 03:15 | 1.064 |
| 14.02.2020 | 03:15 | 03:30 | 1.063 |
| 14.02.2020 | 03:30 | 03:45 | 1.077 |
| 14.02.2020 | 03:45 | 04:00 | 1.090 |
| 14.02.2020 | 04:00 | 04:15 | 1.111 |
| 14.02.2020 | 04:15 | 04:30 | 1.124 |
| 14.02.2020 | 04:30 | 04:45 | 1.154 |
| 14.02.2020 | 04:45 | 05:00 | 1.206 |
| 14.02.2020 | 05:00 | 05:15 | 1.263 |
| 14.02.2020 | 05:15 | 05:30 | 1.301 |
| 14.02.2020 | 05:30 | 05:45 | 1.375 |
| 14.02.2020 | 05:45 | 06:00 | 1.491 |
| 14.02.2020 | 06:00 | 06:15 | 1.642 |
| 14.02.2020 | 06:15 | 06:30 | 1.798 |
| 14.02.2020 | 06:30 | 06:45 | 1.920 |
| 14.02.2020 | 06:45 | 07:00 | 2.051 |
| 14.02.2020 | 07:00 | 07:15 | 2.209 |
| 14.02.2020 | 07:15 | 07:30 | 2.312 |
| 14.02.2020 | 07:30 | 07:45 | 2.329 |
| 14.02.2020 | 07:45 | 08:00 | 2.334 |
| 14.02.2020 | 08:00 | 08:15 | 2.383 |
| 14.02.2020 | 08:15 | 08:30 | 2.409 |
| 14.02.2020 | 08:30 | 08:45 | 2.456 |
| 14.02.2020 | 08:45 | 09:00 | 2.504 |
| 14.02.2020 | 09:00 | 09:15 | 2.524 |
| 14.02.2020 | 09:15 | 09:30 | 2.549 |
| 14.02.2020 | 09:30 | 09:45 | 2.584 |
| 14.02.2020 | 09:45 | 10:00 | 2.598 |
| 14.02.2020 | 10:00 | 10:15 | 2.610 |
| 14.02.2020 | 10:15 | 10:30 | 2.650 |
| 14.02.2020 | 10:30 | 10:45 | 2.676 |
| 14.02.2020 | 10:45 | 11:00 | 2.739 |
| 14.02.2020 | 11:00 | 11:15 | 2.770 |
| 14.02.2020 | 11:15 | 11:30 | 2.778 |
| 14.02.2020 | 11:30 | 11:45 | 2.768 |
| 14.02.2020 | 11:45 | 12:00 | 2.780 |
| 14.02.2020 | 12:00 | 12:15 | 2.812 |
| 14.02.2020 | 12:15 | 12:30 | 2.863 |
| 14.02.2020 | 12:30 | 12:45 | 2.799 |
| 14.02.2020 | 12:45 | 13:00 | 2.779 |
| 14.02.2020 | 13:00 | 13:15 | 2.769 |
| 14.02.2020 | 13:15 | 13:30 | 2.741 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.02.2020 | 13:30 | 13:45 | 2.674 |
| 14.02.2020 | 13:45 | 14:00 | 2.623 |
| 14.02.2020 | 14:00 | 14:15 | 2.620 |
| 14.02.2020 | 14:15 | 14:30 | 2.590 |
| 14.02.2020 | 14:30 | 14:45 | 2.576 |
| 14.02.2020 | 14:45 | 15:00 | 2.520 |
| 14.02.2020 | 15:00 | 15:15 | 2.529 |
| 14.02.2020 | 15:15 | 15:30 | 2.507 |
| 14.02.2020 | 15:30 | 15:45 | 2.454 |
| 14.02.2020 | 15:45 | 16:00 | 2.459 |
| 14.02.2020 | 16:00 | 16:15 | 2.470 |
| 14.02.2020 | 16:15 | 16:30 | 2.479 |
| 14.02.2020 | 16:30 | 16:45 | 2.464 |
| 14.02.2020 | 16:45 | 17:00 | 2.483 |
| 14.02.2020 | 17:00 | 17:15 | 2.497 |
| 14.02.2020 | 17:15 | 17:30 | 2.596 |
| 14.02.2020 | 17:30 | 17:45 | 2.655 |
| 14.02.2020 | 17:45 | 18:00 | 2.819 |
| 14.02.2020 | 18:00 | 18:15 | 2.946 |
| 14.02.2020 | 18:15 | 18:30 | 2.972 |
| 14.02.2020 | 18:30 | 18:45 | 2.908 |
| 14.02.2020 | 18:45 | 19:00 | 2.875 |
| 14.02.2020 | 19:00 | 19:15 | 2.807 |
| 14.02.2020 | 19:15 | 19:30 | 2.735 |
| 14.02.2020 | 19:30 | 19:45 | 2.700 |
| 14.02.2020 | 19:45 | 20:00 | 2.630 |
| 14.02.2020 | 20:00 | 20:15 | 2.530 |
| 14.02.2020 | 20:15 | 20:30 | 2.396 |
| 14.02.2020 | 20:30 | 20:45 | 2.303 |
| 14.02.2020 | 20:45 | 21:00 | 2.211 |
| 14.02.2020 | 21:00 | 21:15 | 2.141 |
| 14.02.2020 | 21:15 | 21:30 | 2.028 |
| 14.02.2020 | 21:30 | 21:45 | 1.944 |
| 14.02.2020 | 21:45 | 22:00 | 1.846 |
| 14.02.2020 | 22:00 | 22:15 | 1.870 |
| 14.02.2020 | 22:15 | 22:30 | 1.795 |
| 14.02.2020 | 22:30 | 22:45 | 1.787 |
| 14.02.2020 | 22:45 | 23:00 | 1.732 |
| 14.02.2020 | 23:00 | 23:15 | 1.655 |
| 14.02.2020 | 23:15 | 23:30 | 1.589 |
| 14.02.2020 | 23:30 | 23:45 | 1.531 |
| 14.02.2020 | 23:45 | 00:00 | 1.464 |
| 15.02.2020 | 00:00 | 00:15 | 1.393 |
| 15.02.2020 | 00:15 | 00:30 | 1.334 |
| 15.02.2020 | 00:30 | 00:45 | 1.294 |
| 15.02.2020 | 00:45 | 01:00 | 1.260 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.02.2020 | 01:00 | 01:15 | 1.219 |
| 15.02.2020 | 01:15 | 01:30 | 1.174 |
| 15.02.2020 | 01:30 | 01:45 | 1.148 |
| 15.02.2020 | 01:45 | 02:00 | 1.125 |
| 15.02.2020 | 02:00 | 02:15 | 1.105 |
| 15.02.2020 | 02:15 | 02:30 | 1.076 |
| 15.02.2020 | 02:30 | 02:45 | 1.064 |
| 15.02.2020 | 02:45 | 03:00 | 1.060 |
| 15.02.2020 | 03:00 | 03:15 | 1.055 |
| 15.02.2020 | 03:15 | 03:30 | 1.053 |
| 15.02.2020 | 03:30 | 03:45 | 1.048 |
| 15.02.2020 | 03:45 | 04:00 | 1.046 |
| 15.02.2020 | 04:00 | 04:15 | 1.058 |
| 15.02.2020 | 04:15 | 04:30 | 1.067 |
| 15.02.2020 | 04:30 | 04:45 | 1.070 |
| 15.02.2020 | 04:45 | 05:00 | 1.086 |
| 15.02.2020 | 05:00 | 05:15 | 1.108 |
| 15.02.2020 | 05:15 | 05:30 | 1.107 |
| 15.02.2020 | 05:30 | 05:45 | 1.125 |
| 15.02.2020 | 05:45 | 06:00 | 1.157 |
| 15.02.2020 | 06:00 | 06:15 | 1.169 |
| 15.02.2020 | 06:15 | 06:30 | 1.202 |
| 15.02.2020 | 06:30 | 06:45 | 1.239 |
| 15.02.2020 | 06:45 | 07:00 | 1.291 |
| 15.02.2020 | 07:00 | 07:15 | 1.350 |
| 15.02.2020 | 07:15 | 07:30 | 1.414 |
| 15.02.2020 | 07:30 | 07:45 | 1.434 |
| 15.02.2020 | 07:45 | 08:00 | 1.486 |
| 15.02.2020 | 08:00 | 08:15 | 1.558 |
| 15.02.2020 | 08:15 | 08:30 | 1.647 |
| 15.02.2020 | 08:30 | 08:45 | 1.705 |
| 15.02.2020 | 08:45 | 09:00 | 1.772 |
| 15.02.2020 | 09:00 | 09:15 | 1.838 |
| 15.02.2020 | 09:15 | 09:30 | 1.911 |
| 15.02.2020 | 09:30 | 09:45 | 1.987 |
| 15.02.2020 | 09:45 | 10:00 | 2.049 |
| 15.02.2020 | 10:00 | 10:15 | 2.090 |
| 15.02.2020 | 10:15 | 10:30 | 2.156 |
| 15.02.2020 | 10:30 | 10:45 | 2.139 |
| 15.02.2020 | 10:45 | 11:00 | 2.120 |
| 15.02.2020 | 11:00 | 11:15 | 2.151 |
| 15.02.2020 | 11:15 | 11:30 | 2.192 |
| 15.02.2020 | 11:30 | 11:45 | 2.182 |
| 15.02.2020 | 11:45 | 12:00 | 2.175 |
| 15.02.2020 | 12:00 | 12:15 | 2.159 |
| 15.02.2020 | 12:15 | 12:30 | 2.149 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.02.2020 | 12:30 | 12:45 | 2.121 |
| 15.02.2020 | 12:45 | 13:00 | 2.116 |
| 15.02.2020 | 13:00 | 13:15 | 2.108 |
| 15.02.2020 | 13:15 | 13:30 | 2.119 |
| 15.02.2020 | 13:30 | 13:45 | 2.107 |
| 15.02.2020 | 13:45 | 14:00 | 2.034 |
| 15.02.2020 | 14:00 | 14:15 | 1.973 |
| 15.02.2020 | 14:15 | 14:30 | 1.986 |
| 15.02.2020 | 14:30 | 14:45 | 1.960 |
| 15.02.2020 | 14:45 | 15:00 | 1.914 |
| 15.02.2020 | 15:00 | 15:15 | 1.905 |
| 15.02.2020 | 15:15 | 15:30 | 1.903 |
| 15.02.2020 | 15:30 | 15:45 | 1.906 |
| 15.02.2020 | 15:45 | 16:00 | 1.911 |
| 15.02.2020 | 16:00 | 16:15 | 1.928 |
| 15.02.2020 | 16:15 | 16:30 | 1.925 |
| 15.02.2020 | 16:30 | 16:45 | 1.925 |
| 15.02.2020 | 16:45 | 17:00 | 1.949 |
| 15.02.2020 | 17:00 | 17:15 | 1.979 |
| 15.02.2020 | 17:15 | 17:30 | 2.003 |
| 15.02.2020 | 17:30 | 17:45 | 2.120 |
| 15.02.2020 | 17:45 | 18:00 | 2.221 |
| 15.02.2020 | 18:00 | 18:15 | 2.346 |
| 15.02.2020 | 18:15 | 18:30 | 2.341 |
| 15.02.2020 | 18:30 | 18:45 | 2.331 |
| 15.02.2020 | 18:45 | 19:00 | 2.298 |
| 15.02.2020 | 19:00 | 19:15 | 2.261 |
| 15.02.2020 | 19:15 | 19:30 | 2.225 |
| 15.02.2020 | 19:30 | 19:45 | 2.146 |
| 15.02.2020 | 19:45 | 20:00 | 2.084 |
| 15.02.2020 | 20:00 | 20:15 | 2.008 |
| 15.02.2020 | 20:15 | 20:30 | 1.927 |
| 15.02.2020 | 20:30 | 20:45 | 1.851 |
| 15.02.2020 | 20:45 | 21:00 | 1.782 |
| 15.02.2020 | 21:00 | 21:15 | 1.718 |
| 15.02.2020 | 21:15 | 21:30 | 1.662 |
| 15.02.2020 | 21:30 | 21:45 | 1.602 |
| 15.02.2020 | 21:45 | 22:00 | 1.545 |
| 15.02.2020 | 22:00 | 22:15 | 1.646 |
| 15.02.2020 | 22:15 | 22:30 | 1.577 |
| 15.02.2020 | 22:30 | 22:45 | 1.531 |
| 15.02.2020 | 22:45 | 23:00 | 1.490 |
| 15.02.2020 | 23:00 | 23:15 | 1.421 |
| 15.02.2020 | 23:15 | 23:30 | 1.387 |
| 15.02.2020 | 23:30 | 23:45 | 1.335 |
| 15.02.2020 | 23:45 | 00:00 | 1.282 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.02.2020 | 00:00 | 00:15 | 1.228 |
| 16.02.2020 | 00:15 | 00:30 | 1.180 |
| 16.02.2020 | 00:30 | 00:45 | 1.137 |
| 16.02.2020 | 00:45 | 01:00 | 1.100 |
| 16.02.2020 | 01:00 | 01:15 | 1.068 |
| 16.02.2020 | 01:15 | 01:30 | 1.040 |
| 16.02.2020 | 01:30 | 01:45 | 1.015 |
| 16.02.2020 | 01:45 | 02:00 | 1.000 |
| 16.02.2020 | 02:00 | 02:15 | 985 |
| 16.02.2020 | 02:15 | 02:30 | 967 |
| 16.02.2020 | 02:30 | 02:45 | 951 |
| 16.02.2020 | 02:45 | 03:00 | 941 |
| 16.02.2020 | 03:00 | 03:15 | 939 |
| 16.02.2020 | 03:15 | 03:30 | 930 |
| 16.02.2020 | 03:30 | 03:45 | 924 |
| 16.02.2020 | 03:45 | 04:00 | 926 |
| 16.02.2020 | 04:00 | 04:15 | 934 |
| 16.02.2020 | 04:15 | 04:30 | 920 |
| 16.02.2020 | 04:30 | 04:45 | 928 |
| 16.02.2020 | 04:45 | 05:00 | 934 |
| 16.02.2020 | 05:00 | 05:15 | 947 |
| 16.02.2020 | 05:15 | 05:30 | 952 |
| 16.02.2020 | 05:30 | 05:45 | 956 |
| 16.02.2020 | 05:45 | 06:00 | 969 |
| 16.02.2020 | 06:00 | 06:15 | 968 |
| 16.02.2020 | 06:15 | 06:30 | 984 |
| 16.02.2020 | 06:30 | 06:45 | 1.007 |
| 16.02.2020 | 06:45 | 07:00 | 1.031 |
| 16.02.2020 | 07:00 | 07:15 | 1.064 |
| 16.02.2020 | 07:15 | 07:30 | 1.117 |
| 16.02.2020 | 07:30 | 07:45 | 1.123 |
| 16.02.2020 | 07:45 | 08:00 | 1.165 |
| 16.02.2020 | 08:00 | 08:15 | 1.212 |
| 16.02.2020 | 08:15 | 08:30 | 1.277 |
| 16.02.2020 | 08:30 | 08:45 | 1.335 |
| 16.02.2020 | 08:45 | 09:00 | 1.413 |
| 16.02.2020 | 09:00 | 09:15 | 1.493 |
| 16.02.2020 | 09:15 | 09:30 | 1.576 |
| 16.02.2020 | 09:30 | 09:45 | 1.645 |
| 16.02.2020 | 09:45 | 10:00 | 1.709 |
| 16.02.2020 | 10:00 | 10:15 | 1.779 |
| 16.02.2020 | 10:15 | 10:30 | 1.815 |
| 16.02.2020 | 10:30 | 10:45 | 1.877 |
| 16.02.2020 | 10:45 | 11:00 | 1.936 |
| 16.02.2020 | 11:00 | 11:15 | 1.980 |
| 16.02.2020 | 11:15 | 11:30 | 2.024 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.02.2020 | 11:30 | 11:45 | 2.061 |
| 16.02.2020 | 11:45 | 12:00 | 2.071 |
| 16.02.2020 | 12:00 | 12:15 | 2.125 |
| 16.02.2020 | 12:15 | 12:30 | 2.125 |
| 16.02.2020 | 12:30 | 12:45 | 2.167 |
| 16.02.2020 | 12:45 | 13:00 | 2.169 |
| 16.02.2020 | 13:00 | 13:15 | 2.140 |
| 16.02.2020 | 13:15 | 13:30 | 2.081 |
| 16.02.2020 | 13:30 | 13:45 | 2.032 |
| 16.02.2020 | 13:45 | 14:00 | 2.001 |
| 16.02.2020 | 14:00 | 14:15 | 1.946 |
| 16.02.2020 | 14:15 | 14:30 | 1.938 |
| 16.02.2020 | 14:30 | 14:45 | 1.923 |
| 16.02.2020 | 14:45 | 15:00 | 1.901 |
| 16.02.2020 | 15:00 | 15:15 | 1.875 |
| 16.02.2020 | 15:15 | 15:30 | 1.844 |
| 16.02.2020 | 15:30 | 15:45 | 1.818 |
| 16.02.2020 | 15:45 | 16:00 | 1.791 |
| 16.02.2020 | 16:00 | 16:15 | 1.787 |
| 16.02.2020 | 16:15 | 16:30 | 1.820 |
| 16.02.2020 | 16:30 | 16:45 | 1.834 |
| 16.02.2020 | 16:45 | 17:00 | 1.855 |
| 16.02.2020 | 17:00 | 17:15 | 1.875 |
| 16.02.2020 | 17:15 | 17:30 | 1.930 |
| 16.02.2020 | 17:30 | 17:45 | 2.021 |
| 16.02.2020 | 17:45 | 18:00 | 2.123 |
| 16.02.2020 | 18:00 | 18:15 | 2.226 |
| 16.02.2020 | 18:15 | 18:30 | 2.256 |
| 16.02.2020 | 18:30 | 18:45 | 2.232 |
| 16.02.2020 | 18:45 | 19:00 | 2.223 |
| 16.02.2020 | 19:00 | 19:15 | 2.169 |
| 16.02.2020 | 19:15 | 19:30 | 2.114 |
| 16.02.2020 | 19:30 | 19:45 | 2.093 |
| 16.02.2020 | 19:45 | 20:00 | 2.025 |
| 16.02.2020 | 20:00 | 20:15 | 1.998 |
| 16.02.2020 | 20:15 | 20:30 | 1.902 |
| 16.02.2020 | 20:30 | 20:45 | 1.831 |
| 16.02.2020 | 20:45 | 21:00 | 1.765 |
| 16.02.2020 | 21:00 | 21:15 | 1.687 |
| 16.02.2020 | 21:15 | 21:30 | 1.654 |
| 16.02.2020 | 21:30 | 21:45 | 1.602 |
| 16.02.2020 | 21:45 | 22:00 | 1.561 |
| 16.02.2020 | 22:00 | 22:15 | 1.627 |
| 16.02.2020 | 22:15 | 22:30 | 1.581 |
| 16.02.2020 | 22:30 | 22:45 | 1.497 |
| 16.02.2020 | 22:45 | 23:00 | 1.431 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.02.2020 | 23:00 | 23:15 | 1.386 |
| 16.02.2020 | 23:15 | 23:30 | 1.325 |
| 16.02.2020 | 23:30 | 23:45 | 1.266 |
| 16.02.2020 | 23:45 | 00:00 | 1.211 |
| 17.02.2020 | 00:00 | 00:15 | 1.167 |
| 17.02.2020 | 00:15 | 00:30 | 1.127 |
| 17.02.2020 | 00:30 | 00:45 | 1.092 |
| 17.02.2020 | 00:45 | 01:00 | 1.064 |
| 17.02.2020 | 01:00 | 01:15 | 1.039 |
| 17.02.2020 | 01:15 | 01:30 | 1.021 |
| 17.02.2020 | 01:30 | 01:45 | 1.004 |
| 17.02.2020 | 01:45 | 02:00 | 984 |
| 17.02.2020 | 02:00 | 02:15 | 979 |
| 17.02.2020 | 02:15 | 02:30 | 963 |
| 17.02.2020 | 02:30 | 02:45 | 961 |
| 17.02.2020 | 02:45 | 03:00 | 955 |
| 17.02.2020 | 03:00 | 03:15 | 956 |
| 17.02.2020 | 03:15 | 03:30 | 949 |
| 17.02.2020 | 03:30 | 03:45 | 963 |
| 17.02.2020 | 03:45 | 04:00 | 972 |
| 17.02.2020 | 04:00 | 04:15 | 999 |
| 17.02.2020 | 04:15 | 04:30 | 1.018 |
| 17.02.2020 | 04:30 | 04:45 | 1.041 |
| 17.02.2020 | 04:45 | 05:00 | 1.073 |
| 17.02.2020 | 05:00 | 05:15 | 1.147 |
| 17.02.2020 | 05:15 | 05:30 | 1.212 |
| 17.02.2020 | 05:30 | 05:45 | 1.287 |
| 17.02.2020 | 05:45 | 06:00 | 1.406 |
| 17.02.2020 | 06:00 | 06:15 | 1.556 |
| 17.02.2020 | 06:15 | 06:30 | 1.710 |
| 17.02.2020 | 06:30 | 06:45 | 1.886 |
| 17.02.2020 | 06:45 | 07:00 | 2.023 |
| 17.02.2020 | 07:00 | 07:15 | 2.159 |
| 17.02.2020 | 07:15 | 07:30 | 2.234 |
| 17.02.2020 | 07:30 | 07:45 | 2.198 |
| 17.02.2020 | 07:45 | 08:00 | 2.207 |
| 17.02.2020 | 08:00 | 08:15 | 2.270 |
| 17.02.2020 | 08:15 | 08:30 | 2.310 |
| 17.02.2020 | 08:30 | 08:45 | 2.357 |
| 17.02.2020 | 08:45 | 09:00 | 2.381 |
| 17.02.2020 | 09:00 | 09:15 | 2.424 |
| 17.02.2020 | 09:15 | 09:30 | 2.454 |
| 17.02.2020 | 09:30 | 09:45 | 2.470 |
| 17.02.2020 | 09:45 | 10:00 | 2.502 |
| 17.02.2020 | 10:00 | 10:15 | 2.508 |
| 17.02.2020 | 10:15 | 10:30 | 2.490 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.02.2020 | 10:30 | 10:45 | 2.560 |
| 17.02.2020 | 10:45 | 11:00 | 2.521 |
| 17.02.2020 | 11:00 | 11:15 | 2.534 |
| 17.02.2020 | 11:15 | 11:30 | 2.524 |
| 17.02.2020 | 11:30 | 11:45 | 2.553 |
| 17.02.2020 | 11:45 | 12:00 | 2.563 |
| 17.02.2020 | 12:00 | 12:15 | 2.575 |
| 17.02.2020 | 12:15 | 12:30 | 2.609 |
| 17.02.2020 | 12:30 | 12:45 | 2.590 |
| 17.02.2020 | 12:45 | 13:00 | 2.544 |
| 17.02.2020 | 13:00 | 13:15 | 2.555 |
| 17.02.2020 | 13:15 | 13:30 | 2.539 |
| 17.02.2020 | 13:30 | 13:45 | 2.543 |
| 17.02.2020 | 13:45 | 14:00 | 2.532 |
| 17.02.2020 | 14:00 | 14:15 | 2.523 |
| 17.02.2020 | 14:15 | 14:30 | 2.517 |
| 17.02.2020 | 14:30 | 14:45 | 2.474 |
| 17.02.2020 | 14:45 | 15:00 | 2.469 |
| 17.02.2020 | 15:00 | 15:15 | 2.494 |
| 17.02.2020 | 15:15 | 15:30 | 2.511 |
| 17.02.2020 | 15:30 | 15:45 | 2.513 |
| 17.02.2020 | 15:45 | 16:00 | 2.458 |
| 17.02.2020 | 16:00 | 16:15 | 2.525 |
| 17.02.2020 | 16:15 | 16:30 | 2.475 |
| 17.02.2020 | 16:30 | 16:45 | 2.451 |
| 17.02.2020 | 16:45 | 17:00 | 2.396 |
| 17.02.2020 | 17:00 | 17:15 | 2.458 |
| 17.02.2020 | 17:15 | 17:30 | 2.476 |
| 17.02.2020 | 17:30 | 17:45 | 2.539 |
| 17.02.2020 | 17:45 | 18:00 | 2.635 |
| 17.02.2020 | 18:00 | 18:15 | 2.795 |
| 17.02.2020 | 18:15 | 18:30 | 2.936 |
| 17.02.2020 | 18:30 | 18:45 | 2.927 |
| 17.02.2020 | 18:45 | 19:00 | 2.940 |
| 17.02.2020 | 19:00 | 19:15 | 2.870 |
| 17.02.2020 | 19:15 | 19:30 | 2.853 |
| 17.02.2020 | 19:30 | 19:45 | 2.784 |
| 17.02.2020 | 19:45 | 20:00 | 2.727 |
| 17.02.2020 | 20:00 | 20:15 | 2.620 |
| 17.02.2020 | 20:15 | 20:30 | 2.473 |
| 17.02.2020 | 20:30 | 20:45 | 2.361 |
| 17.02.2020 | 20:45 | 21:00 | 2.219 |
| 17.02.2020 | 21:00 | 21:15 | 2.112 |
| 17.02.2020 | 21:15 | 21:30 | 2.010 |
| 17.02.2020 | 21:30 | 21:45 | 1.945 |
| 17.02.2020 | 21:45 | 22:00 | 1.822 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.02.2020 | 22:00 | 22:15 | 1.824 |
| 17.02.2020 | 22:15 | 22:30 | 1.756 |
| 17.02.2020 | 22:30 | 22:45 | 1.693 |
| 17.02.2020 | 22:45 | 23:00 | 1.620 |
| 17.02.2020 | 23:00 | 23:15 | 1.541 |
| 17.02.2020 | 23:15 | 23:30 | 1.476 |
| 17.02.2020 | 23:30 | 23:45 | 1.419 |
| 17.02.2020 | 23:45 | 00:00 | 1.354 |
| 18.02.2020 | 00:00 | 00:15 | 1.297 |
| 18.02.2020 | 00:15 | 00:30 | 1.251 |
| 18.02.2020 | 00:30 | 00:45 | 1.223 |
| 18.02.2020 | 00:45 | 01:00 | 1.187 |
| 18.02.2020 | 01:00 | 01:15 | 1.154 |
| 18.02.2020 | 01:15 | 01:30 | 1.122 |
| 18.02.2020 | 01:30 | 01:45 | 1.101 |
| 18.02.2020 | 01:45 | 02:00 | 1.086 |
| 18.02.2020 | 02:00 | 02:15 | 1.084 |
| 18.02.2020 | 02:15 | 02:30 | 1.071 |
| 18.02.2020 | 02:30 | 02:45 | 1.040 |
| 18.02.2020 | 02:45 | 03:00 | 1.029 |
| 18.02.2020 | 03:00 | 03:15 | 1.039 |
| 18.02.2020 | 03:15 | 03:30 | 1.046 |
| 18.02.2020 | 03:30 | 03:45 | 1.051 |
| 18.02.2020 | 03:45 | 04:00 | 1.059 |
| 18.02.2020 | 04:00 | 04:15 | 1.088 |
| 18.02.2020 | 04:15 | 04:30 | 1.113 |
| 18.02.2020 | 04:30 | 04:45 | 1.146 |
| 18.02.2020 | 04:45 | 05:00 | 1.178 |
| 18.02.2020 | 05:00 | 05:15 | 1.252 |
| 18.02.2020 | 05:15 | 05:30 | 1.309 |
| 18.02.2020 | 05:30 | 05:45 | 1.372 |
| 18.02.2020 | 05:45 | 06:00 | 1.493 |
| 18.02.2020 | 06:00 | 06:15 | 1.623 |
| 18.02.2020 | 06:15 | 06:30 | 1.755 |
| 18.02.2020 | 06:30 | 06:45 | 1.892 |
| 18.02.2020 | 06:45 | 07:00 | 2.049 |
| 18.02.2020 | 07:00 | 07:15 | 2.235 |
| 18.02.2020 | 07:15 | 07:30 | 2.260 |
| 18.02.2020 | 07:30 | 07:45 | 2.250 |
| 18.02.2020 | 07:45 | 08:00 | 2.250 |
| 18.02.2020 | 08:00 | 08:15 | 2.314 |
| 18.02.2020 | 08:15 | 08:30 | 2.338 |
| 18.02.2020 | 08:30 | 08:45 | 2.403 |
| 18.02.2020 | 08:45 | 09:00 | 2.420 |
| 18.02.2020 | 09:00 | 09:15 | 2.457 |
| 18.02.2020 | 09:15 | 09:30 | 2.465 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.02.2020 | 09:30 | 09:45 | 2.485 |
| 18.02.2020 | 09:45 | 10:00 | 2.501 |
| 18.02.2020 | 10:00 | 10:15 | 2.511 |
| 18.02.2020 | 10:15 | 10:30 | 2.505 |
| 18.02.2020 | 10:30 | 10:45 | 2.567 |
| 18.02.2020 | 10:45 | 11:00 | 2.618 |
| 18.02.2020 | 11:00 | 11:15 | 2.624 |
| 18.02.2020 | 11:15 | 11:30 | 2.710 |
| 18.02.2020 | 11:30 | 11:45 | 2.721 |
| 18.02.2020 | 11:45 | 12:00 | 2.719 |
| 18.02.2020 | 12:00 | 12:15 | 2.709 |
| 18.02.2020 | 12:15 | 12:30 | 2.745 |
| 18.02.2020 | 12:30 | 12:45 | 2.760 |
| 18.02.2020 | 12:45 | 13:00 | 2.763 |
| 18.02.2020 | 13:00 | 13:15 | 2.745 |
| 18.02.2020 | 13:15 | 13:30 | 2.739 |
| 18.02.2020 | 13:30 | 13:45 | 2.699 |
| 18.02.2020 | 13:45 | 14:00 | 2.623 |
| 18.02.2020 | 14:00 | 14:15 | 2.620 |
| 18.02.2020 | 14:15 | 14:30 | 2.572 |
| 18.02.2020 | 14:30 | 14:45 | 2.547 |
| 18.02.2020 | 14:45 | 15:00 | 2.517 |
| 18.02.2020 | 15:00 | 15:15 | 2.520 |
| 18.02.2020 | 15:15 | 15:30 | 2.479 |
| 18.02.2020 | 15:30 | 15:45 | 2.431 |
| 18.02.2020 | 15:45 | 16:00 | 2.456 |
| 18.02.2020 | 16:00 | 16:15 | 2.493 |
| 18.02.2020 | 16:15 | 16:30 | 2.508 |
| 18.02.2020 | 16:30 | 16:45 | 2.459 |
| 18.02.2020 | 16:45 | 17:00 | 2.508 |
| 18.02.2020 | 17:00 | 17:15 | 2.566 |
| 18.02.2020 | 17:15 | 17:30 | 2.597 |
| 18.02.2020 | 17:30 | 17:45 | 2.656 |
| 18.02.2020 | 17:45 | 18:00 | 2.742 |
| 18.02.2020 | 18:00 | 18:15 | 2.864 |
| 18.02.2020 | 18:15 | 18:30 | 3.048 |
| 18.02.2020 | 18:30 | 18:45 | 3.042 |
| 18.02.2020 | 18:45 | 19:00 | 3.035 |
| 18.02.2020 | 19:00 | 19:15 | 3.011 |
| 18.02.2020 | 19:15 | 19:30 | 2.927 |
| 18.02.2020 | 19:30 | 19:45 | 2.835 |
| 18.02.2020 | 19:45 | 20:00 | 2.784 |
| 18.02.2020 | 20:00 | 20:15 | 2.617 |
| 18.02.2020 | 20:15 | 20:30 | 2.537 |
| 18.02.2020 | 20:30 | 20:45 | 2.428 |
| 18.02.2020 | 20:45 | 21:00 | 2.293 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.02.2020 | 21:00 | 21:15 | 2.183 |
| 18.02.2020 | 21:15 | 21:30 | 2.044 |
| 18.02.2020 | 21:30 | 21:45 | 1.950 |
| 18.02.2020 | 21:45 | 22:00 | 1.836 |
| 18.02.2020 | 22:00 | 22:15 | 1.855 |
| 18.02.2020 | 22:15 | 22:30 | 1.763 |
| 18.02.2020 | 22:30 | 22:45 | 1.718 |
| 18.02.2020 | 22:45 | 23:00 | 1.641 |
| 18.02.2020 | 23:00 | 23:15 | 1.569 |
| 18.02.2020 | 23:15 | 23:30 | 1.514 |
| 18.02.2020 | 23:30 | 23:45 | 1.461 |
| 18.02.2020 | 23:45 | 00:00 | 1.379 |
| 19.02.2020 | 00:00 | 00:15 | 1.336 |
| 19.02.2020 | 00:15 | 00:30 | 1.296 |
| 19.02.2020 | 00:30 | 00:45 | 1.263 |
| 19.02.2020 | 00:45 | 01:00 | 1.227 |
| 19.02.2020 | 01:00 | 01:15 | 1.183 |
| 19.02.2020 | 01:15 | 01:30 | 1.159 |
| 19.02.2020 | 01:30 | 01:45 | 1.134 |
| 19.02.2020 | 01:45 | 02:00 | 1.113 |
| 19.02.2020 | 02:00 | 02:15 | 1.102 |
| 19.02.2020 | 02:15 | 02:30 | 1.073 |
| 19.02.2020 | 02:30 | 02:45 | 1.062 |
| 19.02.2020 | 02:45 | 03:00 | 1.062 |
| 19.02.2020 | 03:00 | 03:15 | 1.073 |
| 19.02.2020 | 03:15 | 03:30 | 1.068 |
| 19.02.2020 | 03:30 | 03:45 | 1.065 |
| 19.02.2020 | 03:45 | 04:00 | 1.076 |
| 19.02.2020 | 04:00 | 04:15 | 1.109 |
| 19.02.2020 | 04:15 | 04:30 | 1.138 |
| 19.02.2020 | 04:30 | 04:45 | 1.174 |
| 19.02.2020 | 04:45 | 05:00 | 1.214 |
| 19.02.2020 | 05:00 | 05:15 | 1.274 |
| 19.02.2020 | 05:15 | 05:30 | 1.315 |
| 19.02.2020 | 05:30 | 05:45 | 1.381 |
| 19.02.2020 | 05:45 | 06:00 | 1.491 |
| 19.02.2020 | 06:00 | 06:15 | 1.615 |
| 19.02.2020 | 06:15 | 06:30 | 1.788 |
| 19.02.2020 | 06:30 | 06:45 | 1.938 |
| 19.02.2020 | 06:45 | 07:00 | 2.050 |
| 19.02.2020 | 07:00 | 07:15 | 2.201 |
| 19.02.2020 | 07:15 | 07:30 | 2.262 |
| 19.02.2020 | 07:30 | 07:45 | 2.267 |
| 19.02.2020 | 07:45 | 08:00 | 2.306 |
| 19.02.2020 | 08:00 | 08:15 | 2.384 |
| 19.02.2020 | 08:15 | 08:30 | 2.411 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.02.2020 | 08:30 | 08:45 | 2.424 |
| 19.02.2020 | 08:45 | 09:00 | 2.415 |
| 19.02.2020 | 09:00 | 09:15 | 2.402 |
| 19.02.2020 | 09:15 | 09:30 | 2.441 |
| 19.02.2020 | 09:30 | 09:45 | 2.475 |
| 19.02.2020 | 09:45 | 10:00 | 2.503 |
| 19.02.2020 | 10:00 | 10:15 | 2.507 |
| 19.02.2020 | 10:15 | 10:30 | 2.551 |
| 19.02.2020 | 10:30 | 10:45 | 2.576 |
| 19.02.2020 | 10:45 | 11:00 | 2.662 |
| 19.02.2020 | 11:00 | 11:15 | 2.688 |
| 19.02.2020 | 11:15 | 11:30 | 2.755 |
| 19.02.2020 | 11:30 | 11:45 | 2.729 |
| 19.02.2020 | 11:45 | 12:00 | 2.693 |
| 19.02.2020 | 12:00 | 12:15 | 2.691 |
| 19.02.2020 | 12:15 | 12:30 | 2.716 |
| 19.02.2020 | 12:30 | 12:45 | 2.710 |
| 19.02.2020 | 12:45 | 13:00 | 2.744 |
| 19.02.2020 | 13:00 | 13:15 | 2.724 |
| 19.02.2020 | 13:15 | 13:30 | 2.724 |
| 19.02.2020 | 13:30 | 13:45 | 2.693 |
| 19.02.2020 | 13:45 | 14:00 | 2.665 |
| 19.02.2020 | 14:00 | 14:15 | 2.604 |
| 19.02.2020 | 14:15 | 14:30 | 2.566 |
| 19.02.2020 | 14:30 | 14:45 | 2.576 |
| 19.02.2020 | 14:45 | 15:00 | 2.573 |
| 19.02.2020 | 15:00 | 15:15 | 2.542 |
| 19.02.2020 | 15:15 | 15:30 | 2.481 |
| 19.02.2020 | 15:30 | 15:45 | 2.476 |
| 19.02.2020 | 15:45 | 16:00 | 2.470 |
| 19.02.2020 | 16:00 | 16:15 | 2.458 |
| 19.02.2020 | 16:15 | 16:30 | 2.462 |
| 19.02.2020 | 16:30 | 16:45 | 2.480 |
| 19.02.2020 | 16:45 | 17:00 | 2.513 |
| 19.02.2020 | 17:00 | 17:15 | 2.593 |
| 19.02.2020 | 17:15 | 17:30 | 2.581 |
| 19.02.2020 | 17:30 | 17:45 | 2.646 |
| 19.02.2020 | 17:45 | 18:00 | 2.750 |
| 19.02.2020 | 18:00 | 18:15 | 2.870 |
| 19.02.2020 | 18:15 | 18:30 | 3.013 |
| 19.02.2020 | 18:30 | 18:45 | 3.027 |
| 19.02.2020 | 18:45 | 19:00 | 3.052 |
| 19.02.2020 | 19:00 | 19:15 | 3.026 |
| 19.02.2020 | 19:15 | 19:30 | 2.934 |
| 19.02.2020 | 19:30 | 19:45 | 2.862 |
| 19.02.2020 | 19:45 | 20:00 | 2.826 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.02.2020 | 20:00 | 20:15 | 2.664 |
| 19.02.2020 | 20:15 | 20:30 | 2.530 |
| 19.02.2020 | 20:30 | 20:45 | 2.445 |
| 19.02.2020 | 20:45 | 21:00 | 2.365 |
| 19.02.2020 | 21:00 | 21:15 | 2.230 |
| 19.02.2020 | 21:15 | 21:30 | 2.105 |
| 19.02.2020 | 21:30 | 21:45 | 1.994 |
| 19.02.2020 | 21:45 | 22:00 | 1.903 |
| 19.02.2020 | 22:00 | 22:15 | 1.916 |
| 19.02.2020 | 22:15 | 22:30 | 1.816 |
| 19.02.2020 | 22:30 | 22:45 | 1.744 |
| 19.02.2020 | 22:45 | 23:00 | 1.666 |
| 19.02.2020 | 23:00 | 23:15 | 1.581 |
| 19.02.2020 | 23:15 | 23:30 | 1.510 |
| 19.02.2020 | 23:30 | 23:45 | 1.462 |
| 19.02.2020 | 23:45 | 00:00 | 1.392 |
| 20.02.2020 | 00:00 | 00:15 | 1.336 |
| 20.02.2020 | 00:15 | 00:30 | 1.295 |
| 20.02.2020 | 00:30 | 00:45 | 1.251 |
| 20.02.2020 | 00:45 | 01:00 | 1.211 |
| 20.02.2020 | 01:00 | 01:15 | 1.184 |
| 20.02.2020 | 01:15 | 01:30 | 1.166 |
| 20.02.2020 | 01:30 | 01:45 | 1.134 |
| 20.02.2020 | 01:45 | 02:00 | 1.113 |
| 20.02.2020 | 02:00 | 02:15 | 1.104 |
| 20.02.2020 | 02:15 | 02:30 | 1.077 |
| 20.02.2020 | 02:30 | 02:45 | 1.061 |
| 20.02.2020 | 02:45 | 03:00 | 1.058 |
| 20.02.2020 | 03:00 | 03:15 | 1.060 |
| 20.02.2020 | 03:15 | 03:30 | 1.069 |
| 20.02.2020 | 03:30 | 03:45 | 1.069 |
| 20.02.2020 | 03:45 | 04:00 | 1.090 |
| 20.02.2020 | 04:00 | 04:15 | 1.124 |
| 20.02.2020 | 04:15 | 04:30 | 1.135 |
| 20.02.2020 | 04:30 | 04:45 | 1.153 |
| 20.02.2020 | 04:45 | 05:00 | 1.202 |
| 20.02.2020 | 05:00 | 05:15 | 1.260 |
| 20.02.2020 | 05:15 | 05:30 | 1.330 |
| 20.02.2020 | 05:30 | 05:45 | 1.391 |
| 20.02.2020 | 05:45 | 06:00 | 1.489 |
| 20.02.2020 | 06:00 | 06:15 | 1.655 |
| 20.02.2020 | 06:15 | 06:30 | 1.795 |
| 20.02.2020 | 06:30 | 06:45 | 1.891 |
| 20.02.2020 | 06:45 | 07:00 | 2.031 |
| 20.02.2020 | 07:00 | 07:15 | 2.178 |
| 20.02.2020 | 07:15 | 07:30 | 2.226 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.02.2020 | 07:30 | 07:45 | 2.247 |
| 20.02.2020 | 07:45 | 08:00 | 2.252 |
| 20.02.2020 | 08:00 | 08:15 | 2.330 |
| 20.02.2020 | 08:15 | 08:30 | 2.390 |
| 20.02.2020 | 08:30 | 08:45 | 2.413 |
| 20.02.2020 | 08:45 | 09:00 | 2.432 |
| 20.02.2020 | 09:00 | 09:15 | 2.468 |
| 20.02.2020 | 09:15 | 09:30 | 2.447 |
| 20.02.2020 | 09:30 | 09:45 | 2.457 |
| 20.02.2020 | 09:45 | 10:00 | 2.480 |
| 20.02.2020 | 10:00 | 10:15 | 2.472 |
| 20.02.2020 | 10:15 | 10:30 | 2.443 |
| 20.02.2020 | 10:30 | 10:45 | 2.454 |
| 20.02.2020 | 10:45 | 11:00 | 2.550 |
| 20.02.2020 | 11:00 | 11:15 | 2.584 |
| 20.02.2020 | 11:15 | 11:30 | 2.661 |
| 20.02.2020 | 11:30 | 11:45 | 2.651 |
| 20.02.2020 | 11:45 | 12:00 | 2.633 |
| 20.02.2020 | 12:00 | 12:15 | 2.648 |
| 20.02.2020 | 12:15 | 12:30 | 2.688 |
| 20.02.2020 | 12:30 | 12:45 | 2.700 |
| 20.02.2020 | 12:45 | 13:00 | 2.691 |
| 20.02.2020 | 13:00 | 13:15 | 2.657 |
| 20.02.2020 | 13:15 | 13:30 | 2.673 |
| 20.02.2020 | 13:30 | 13:45 | 2.660 |
| 20.02.2020 | 13:45 | 14:00 | 2.520 |
| 20.02.2020 | 14:00 | 14:15 | 2.512 |
| 20.02.2020 | 14:15 | 14:30 | 2.514 |
| 20.02.2020 | 14:30 | 14:45 | 2.498 |
| 20.02.2020 | 14:45 | 15:00 | 2.512 |
| 20.02.2020 | 15:00 | 15:15 | 2.486 |
| 20.02.2020 | 15:15 | 15:30 | 2.457 |
| 20.02.2020 | 15:30 | 15:45 | 2.458 |
| 20.02.2020 | 15:45 | 16:00 | 2.453 |
| 20.02.2020 | 16:00 | 16:15 | 2.509 |
| 20.02.2020 | 16:15 | 16:30 | 2.523 |
| 20.02.2020 | 16:30 | 16:45 | 2.561 |
| 20.02.2020 | 16:45 | 17:00 | 2.616 |
| 20.02.2020 | 17:00 | 17:15 | 2.697 |
| 20.02.2020 | 17:15 | 17:30 | 2.716 |
| 20.02.2020 | 17:30 | 17:45 | 2.769 |
| 20.02.2020 | 17:45 | 18:00 | 2.801 |
| 20.02.2020 | 18:00 | 18:15 | 2.866 |
| 20.02.2020 | 18:15 | 18:30 | 2.974 |
| 20.02.2020 | 18:30 | 18:45 | 2.981 |
| 20.02.2020 | 18:45 | 19:00 | 2.975 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.02.2020 | 19:00 | 19:15 | 2.930 |
| 20.02.2020 | 19:15 | 19:30 | 2.853 |
| 20.02.2020 | 19:30 | 19:45 | 2.782 |
| 20.02.2020 | 19:45 | 20:00 | 2.740 |
| 20.02.2020 | 20:00 | 20:15 | 2.653 |
| 20.02.2020 | 20:15 | 20:30 | 2.508 |
| 20.02.2020 | 20:30 | 20:45 | 2.396 |
| 20.02.2020 | 20:45 | 21:00 | 2.310 |
| 20.02.2020 | 21:00 | 21:15 | 2.195 |
| 20.02.2020 | 21:15 | 21:30 | 2.076 |
| 20.02.2020 | 21:30 | 21:45 | 1.944 |
| 20.02.2020 | 21:45 | 22:00 | 1.858 |
| 20.02.2020 | 22:00 | 22:15 | 1.885 |
| 20.02.2020 | 22:15 | 22:30 | 1.775 |
| 20.02.2020 | 22:30 | 22:45 | 1.713 |
| 20.02.2020 | 22:45 | 23:00 | 1.671 |
| 20.02.2020 | 23:00 | 23:15 | 1.592 |
| 20.02.2020 | 23:15 | 23:30 | 1.533 |
| 20.02.2020 | 23:30 | 23:45 | 1.481 |
| 20.02.2020 | 23:45 | 00:00 | 1.414 |
| 21.02.2020 | 00:00 | 00:15 | 1.364 |
| 21.02.2020 | 00:15 | 00:30 | 1.312 |
| 21.02.2020 | 00:30 | 00:45 | 1.286 |
| 21.02.2020 | 00:45 | 01:00 | 1.254 |
| 21.02.2020 | 01:00 | 01:15 | 1.207 |
| 21.02.2020 | 01:15 | 01:30 | 1.178 |
| 21.02.2020 | 01:30 | 01:45 | 1.150 |
| 21.02.2020 | 01:45 | 02:00 | 1.125 |
| 21.02.2020 | 02:00 | 02:15 | 1.109 |
| 21.02.2020 | 02:15 | 02:30 | 1.088 |
| 21.02.2020 | 02:30 | 02:45 | 1.069 |
| 21.02.2020 | 02:45 | 03:00 | 1.063 |
| 21.02.2020 | 03:00 | 03:15 | 1.071 |
| 21.02.2020 | 03:15 | 03:30 | 1.075 |
| 21.02.2020 | 03:30 | 03:45 | 1.089 |
| 21.02.2020 | 03:45 | 04:00 | 1.102 |
| 21.02.2020 | 04:00 | 04:15 | 1.120 |
| 21.02.2020 | 04:15 | 04:30 | 1.144 |
| 21.02.2020 | 04:30 | 04:45 | 1.161 |
| 21.02.2020 | 04:45 | 05:00 | 1.194 |
| 21.02.2020 | 05:00 | 05:15 | 1.272 |
| 21.02.2020 | 05:15 | 05:30 | 1.325 |
| 21.02.2020 | 05:30 | 05:45 | 1.383 |
| 21.02.2020 | 05:45 | 06:00 | 1.517 |
| 21.02.2020 | 06:00 | 06:15 | 1.632 |
| 21.02.2020 | 06:15 | 06:30 | 1.752 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.02.2020 | 06:30 | 06:45 | 1.887 |
| 21.02.2020 | 06:45 | 07:00 | 2.019 |
| 21.02.2020 | 07:00 | 07:15 | 2.152 |
| 21.02.2020 | 07:15 | 07:30 | 2.193 |
| 21.02.2020 | 07:30 | 07:45 | 2.178 |
| 21.02.2020 | 07:45 | 08:00 | 2.194 |
| 21.02.2020 | 08:00 | 08:15 | 2.289 |
| 21.02.2020 | 08:15 | 08:30 | 2.340 |
| 21.02.2020 | 08:30 | 08:45 | 2.368 |
| 21.02.2020 | 08:45 | 09:00 | 2.407 |
| 21.02.2020 | 09:00 | 09:15 | 2.442 |
| 21.02.2020 | 09:15 | 09:30 | 2.439 |
| 21.02.2020 | 09:30 | 09:45 | 2.451 |
| 21.02.2020 | 09:45 | 10:00 | 2.479 |
| 21.02.2020 | 10:00 | 10:15 | 2.506 |
| 21.02.2020 | 10:15 | 10:30 | 2.532 |
| 21.02.2020 | 10:30 | 10:45 | 2.529 |
| 21.02.2020 | 10:45 | 11:00 | 2.559 |
| 21.02.2020 | 11:00 | 11:15 | 2.624 |
| 21.02.2020 | 11:15 | 11:30 | 2.625 |
| 21.02.2020 | 11:30 | 11:45 | 2.634 |
| 21.02.2020 | 11:45 | 12:00 | 2.611 |
| 21.02.2020 | 12:00 | 12:15 | 2.646 |
| 21.02.2020 | 12:15 | 12:30 | 2.647 |
| 21.02.2020 | 12:30 | 12:45 | 2.655 |
| 21.02.2020 | 12:45 | 13:00 | 2.664 |
| 21.02.2020 | 13:00 | 13:15 | 2.624 |
| 21.02.2020 | 13:15 | 13:30 | 2.585 |
| 21.02.2020 | 13:30 | 13:45 | 2.596 |
| 21.02.2020 | 13:45 | 14:00 | 2.549 |
| 21.02.2020 | 14:00 | 14:15 | 2.527 |
| 21.02.2020 | 14:15 | 14:30 | 2.520 |
| 21.02.2020 | 14:30 | 14:45 | 2.513 |
| 21.02.2020 | 14:45 | 15:00 | 2.474 |
| 21.02.2020 | 15:00 | 15:15 | 2.483 |
| 21.02.2020 | 15:15 | 15:30 | 2.491 |
| 21.02.2020 | 15:30 | 15:45 | 2.473 |
| 21.02.2020 | 15:45 | 16:00 | 2.471 |
| 21.02.2020 | 16:00 | 16:15 | 2.477 |
| 21.02.2020 | 16:15 | 16:30 | 2.461 |
| 21.02.2020 | 16:30 | 16:45 | 2.421 |
| 21.02.2020 | 16:45 | 17:00 | 2.448 |
| 21.02.2020 | 17:00 | 17:15 | 2.464 |
| 21.02.2020 | 17:15 | 17:30 | 2.501 |
| 21.02.2020 | 17:30 | 17:45 | 2.509 |
| 21.02.2020 | 17:45 | 18:00 | 2.603 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.02.2020 | 18:00 | 18:15 | 2.700 |
| 21.02.2020 | 18:15 | 18:30 | 2.902 |
| 21.02.2020 | 18:30 | 18:45 | 2.910 |
| 21.02.2020 | 18:45 | 19:00 | 2.896 |
| 21.02.2020 | 19:00 | 19:15 | 2.854 |
| 21.02.2020 | 19:15 | 19:30 | 2.807 |
| 21.02.2020 | 19:30 | 19:45 | 2.692 |
| 21.02.2020 | 19:45 | 20:00 | 2.640 |
| 21.02.2020 | 20:00 | 20:15 | 2.466 |
| 21.02.2020 | 20:15 | 20:30 | 2.345 |
| 21.02.2020 | 20:30 | 20:45 | 2.249 |
| 21.02.2020 | 20:45 | 21:00 | 2.188 |
| 21.02.2020 | 21:00 | 21:15 | 2.100 |
| 21.02.2020 | 21:15 | 21:30 | 1.994 |
| 21.02.2020 | 21:30 | 21:45 | 1.894 |
| 21.02.2020 | 21:45 | 22:00 | 1.830 |
| 21.02.2020 | 22:00 | 22:15 | 1.850 |
| 21.02.2020 | 22:15 | 22:30 | 1.787 |
| 21.02.2020 | 22:30 | 22:45 | 1.759 |
| 21.02.2020 | 22:45 | 23:00 | 1.717 |
| 21.02.2020 | 23:00 | 23:15 | 1.631 |
| 21.02.2020 | 23:15 | 23:30 | 1.589 |
| 21.02.2020 | 23:30 | 23:45 | 1.514 |
| 21.02.2020 | 23:45 | 00:00 | 1.451 |
| 22.02.2020 | 00:00 | 00:15 | 1.402 |
| 22.02.2020 | 00:15 | 00:30 | 1.341 |
| 22.02.2020 | 00:30 | 00:45 | 1.295 |
| 22.02.2020 | 00:45 | 01:00 | 1.248 |
| 22.02.2020 | 01:00 | 01:15 | 1.211 |
| 22.02.2020 | 01:15 | 01:30 | 1.168 |
| 22.02.2020 | 01:30 | 01:45 | 1.138 |
| 22.02.2020 | 01:45 | 02:00 | 1.110 |
| 22.02.2020 | 02:00 | 02:15 | 1.098 |
| 22.02.2020 | 02:15 | 02:30 | 1.063 |
| 22.02.2020 | 02:30 | 02:45 | 1.050 |
| 22.02.2020 | 02:45 | 03:00 | 1.043 |
| 22.02.2020 | 03:00 | 03:15 | 1.049 |
| 22.02.2020 | 03:15 | 03:30 | 1.038 |
| 22.02.2020 | 03:30 | 03:45 | 1.040 |
| 22.02.2020 | 03:45 | 04:00 | 1.045 |
| 22.02.2020 | 04:00 | 04:15 | 1.069 |
| 22.02.2020 | 04:15 | 04:30 | 1.066 |
| 22.02.2020 | 04:30 | 04:45 | 1.074 |
| 22.02.2020 | 04:45 | 05:00 | 1.086 |
| 22.02.2020 | 05:00 | 05:15 | 1.111 |
| 22.02.2020 | 05:15 | 05:30 | 1.113 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.02.2020 | 05:30 | 05:45 | 1.119 |
| 22.02.2020 | 05:45 | 06:00 | 1.150 |
| 22.02.2020 | 06:00 | 06:15 | 1.166 |
| 22.02.2020 | 06:15 | 06:30 | 1.208 |
| 22.02.2020 | 06:30 | 06:45 | 1.242 |
| 22.02.2020 | 06:45 | 07:00 | 1.292 |
| 22.02.2020 | 07:00 | 07:15 | 1.327 |
| 22.02.2020 | 07:15 | 07:30 | 1.326 |
| 22.02.2020 | 07:30 | 07:45 | 1.403 |
| 22.02.2020 | 07:45 | 08:00 | 1.468 |
| 22.02.2020 | 08:00 | 08:15 | 1.544 |
| 22.02.2020 | 08:15 | 08:30 | 1.624 |
| 22.02.2020 | 08:30 | 08:45 | 1.706 |
| 22.02.2020 | 08:45 | 09:00 | 1.765 |
| 22.02.2020 | 09:00 | 09:15 | 1.844 |
| 22.02.2020 | 09:15 | 09:30 | 1.934 |
| 22.02.2020 | 09:30 | 09:45 | 2.003 |
| 22.02.2020 | 09:45 | 10:00 | 2.100 |
| 22.02.2020 | 10:00 | 10:15 | 2.101 |
| 22.02.2020 | 10:15 | 10:30 | 2.110 |
| 22.02.2020 | 10:30 | 10:45 | 2.159 |
| 22.02.2020 | 10:45 | 11:00 | 2.196 |
| 22.02.2020 | 11:00 | 11:15 | 2.223 |
| 22.02.2020 | 11:15 | 11:30 | 2.266 |
| 22.02.2020 | 11:30 | 11:45 | 2.301 |
| 22.02.2020 | 11:45 | 12:00 | 2.247 |
| 22.02.2020 | 12:00 | 12:15 | 2.235 |
| 22.02.2020 | 12:15 | 12:30 | 2.287 |
| 22.02.2020 | 12:30 | 12:45 | 2.264 |
| 22.02.2020 | 12:45 | 13:00 | 2.261 |
| 22.02.2020 | 13:00 | 13:15 | 2.266 |
| 22.02.2020 | 13:15 | 13:30 | 2.253 |
| 22.02.2020 | 13:30 | 13:45 | 2.219 |
| 22.02.2020 | 13:45 | 14:00 | 2.222 |
| 22.02.2020 | 14:00 | 14:15 | 2.171 |
| 22.02.2020 | 14:15 | 14:30 | 2.147 |
| 22.02.2020 | 14:30 | 14:45 | 2.103 |
| 22.02.2020 | 14:45 | 15:00 | 2.072 |
| 22.02.2020 | 15:00 | 15:15 | 2.061 |
| 22.02.2020 | 15:15 | 15:30 | 2.032 |
| 22.02.2020 | 15:30 | 15:45 | 2.061 |
| 22.02.2020 | 15:45 | 16:00 | 2.028 |
| 22.02.2020 | 16:00 | 16:15 | 2.044 |
| 22.02.2020 | 16:15 | 16:30 | 2.072 |
| 22.02.2020 | 16:30 | 16:45 | 2.077 |
| 22.02.2020 | 16:45 | 17:00 | 2.096 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.02.2020 | 17:00 | 17:15 | 2.158 |
| 22.02.2020 | 17:15 | 17:30 | 2.198 |
| 22.02.2020 | 17:30 | 17:45 | 2.240 |
| 22.02.2020 | 17:45 | 18:00 | 2.252 |
| 22.02.2020 | 18:00 | 18:15 | 2.307 |
| 22.02.2020 | 18:15 | 18:30 | 2.350 |
| 22.02.2020 | 18:30 | 18:45 | 2.304 |
| 22.02.2020 | 18:45 | 19:00 | 2.292 |
| 22.02.2020 | 19:00 | 19:15 | 2.237 |
| 22.02.2020 | 19:15 | 19:30 | 2.175 |
| 22.02.2020 | 19:30 | 19:45 | 2.109 |
| 22.02.2020 | 19:45 | 20:00 | 2.040 |
| 22.02.2020 | 20:00 | 20:15 | 2.003 |
| 22.02.2020 | 20:15 | 20:30 | 1.923 |
| 22.02.2020 | 20:30 | 20:45 | 1.846 |
| 22.02.2020 | 20:45 | 21:00 | 1.800 |
| 22.02.2020 | 21:00 | 21:15 | 1.713 |
| 22.02.2020 | 21:15 | 21:30 | 1.667 |
| 22.02.2020 | 21:30 | 21:45 | 1.624 |
| 22.02.2020 | 21:45 | 22:00 | 1.578 |
| 22.02.2020 | 22:00 | 22:15 | 1.641 |
| 22.02.2020 | 22:15 | 22:30 | 1.573 |
| 22.02.2020 | 22:30 | 22:45 | 1.543 |
| 22.02.2020 | 22:45 | 23:00 | 1.479 |
| 22.02.2020 | 23:00 | 23:15 | 1.433 |
| 22.02.2020 | 23:15 | 23:30 | 1.394 |
| 22.02.2020 | 23:30 | 23:45 | 1.349 |
| 22.02.2020 | 23:45 | 00:00 | 1.290 |
| 23.02.2020 | 00:00 | 00:15 | 1.232 |
| 23.02.2020 | 00:15 | 00:30 | 1.187 |
| 23.02.2020 | 00:30 | 00:45 | 1.149 |
| 23.02.2020 | 00:45 | 01:00 | 1.113 |
| 23.02.2020 | 01:00 | 01:15 | 1.074 |
| 23.02.2020 | 01:15 | 01:30 | 1.040 |
| 23.02.2020 | 01:30 | 01:45 | 1.021 |
| 23.02.2020 | 01:45 | 02:00 | 997 |
| 23.02.2020 | 02:00 | 02:15 | 991 |
| 23.02.2020 | 02:15 | 02:30 | 973 |
| 23.02.2020 | 02:30 | 02:45 | 964 |
| 23.02.2020 | 02:45 | 03:00 | 953 |
| 23.02.2020 | 03:00 | 03:15 | 948 |
| 23.02.2020 | 03:15 | 03:30 | 938 |
| 23.02.2020 | 03:30 | 03:45 | 948 |
| 23.02.2020 | 03:45 | 04:00 | 953 |
| 23.02.2020 | 04:00 | 04:15 | 960 |
| 23.02.2020 | 04:15 | 04:30 | 962 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.02.2020 | 04:30 | 04:45 | 968 |
| 23.02.2020 | 04:45 | 05:00 | 966 |
| 23.02.2020 | 05:00 | 05:15 | 983 |
| 23.02.2020 | 05:15 | 05:30 | 982 |
| 23.02.2020 | 05:30 | 05:45 | 981 |
| 23.02.2020 | 05:45 | 06:00 | 1.001 |
| 23.02.2020 | 06:00 | 06:15 | 997 |
| 23.02.2020 | 06:15 | 06:30 | 1.009 |
| 23.02.2020 | 06:30 | 06:45 | 1.037 |
| 23.02.2020 | 06:45 | 07:00 | 1.061 |
| 23.02.2020 | 07:00 | 07:15 | 1.100 |
| 23.02.2020 | 07:15 | 07:30 | 1.106 |
| 23.02.2020 | 07:30 | 07:45 | 1.127 |
| 23.02.2020 | 07:45 | 08:00 | 1.183 |
| 23.02.2020 | 08:00 | 08:15 | 1.255 |
| 23.02.2020 | 08:15 | 08:30 | 1.336 |
| 23.02.2020 | 08:30 | 08:45 | 1.392 |
| 23.02.2020 | 08:45 | 09:00 | 1.451 |
| 23.02.2020 | 09:00 | 09:15 | 1.539 |
| 23.02.2020 | 09:15 | 09:30 | 1.634 |
| 23.02.2020 | 09:30 | 09:45 | 1.692 |
| 23.02.2020 | 09:45 | 10:00 | 1.784 |
| 23.02.2020 | 10:00 | 10:15 | 1.848 |
| 23.02.2020 | 10:15 | 10:30 | 1.902 |
| 23.02.2020 | 10:30 | 10:45 | 2.011 |
| 23.02.2020 | 10:45 | 11:00 | 2.114 |
| 23.02.2020 | 11:00 | 11:15 | 2.191 |
| 23.02.2020 | 11:15 | 11:30 | 2.261 |
| 23.02.2020 | 11:30 | 11:45 | 2.267 |
| 23.02.2020 | 11:45 | 12:00 | 2.240 |
| 23.02.2020 | 12:00 | 12:15 | 2.250 |
| 23.02.2020 | 12:15 | 12:30 | 2.236 |
| 23.02.2020 | 12:30 | 12:45 | 2.258 |
| 23.02.2020 | 12:45 | 13:00 | 2.201 |
| 23.02.2020 | 13:00 | 13:15 | 2.175 |
| 23.02.2020 | 13:15 | 13:30 | 2.157 |
| 23.02.2020 | 13:30 | 13:45 | 2.119 |
| 23.02.2020 | 13:45 | 14:00 | 2.063 |
| 23.02.2020 | 14:00 | 14:15 | 2.054 |
| 23.02.2020 | 14:15 | 14:30 | 1.991 |
| 23.02.2020 | 14:30 | 14:45 | 1.992 |
| 23.02.2020 | 14:45 | 15:00 | 1.969 |
| 23.02.2020 | 15:00 | 15:15 | 1.965 |
| 23.02.2020 | 15:15 | 15:30 | 1.938 |
| 23.02.2020 | 15:30 | 15:45 | 1.936 |
| 23.02.2020 | 15:45 | 16:00 | 1.913 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.02.2020 | 16:00 | 16:15 | 1.921 |
| 23.02.2020 | 16:15 | 16:30 | 1.908 |
| 23.02.2020 | 16:30 | 16:45 | 1.918 |
| 23.02.2020 | 16:45 | 17:00 | 1.975 |
| 23.02.2020 | 17:00 | 17:15 | 1.976 |
| 23.02.2020 | 17:15 | 17:30 | 1.943 |
| 23.02.2020 | 17:30 | 17:45 | 1.975 |
| 23.02.2020 | 17:45 | 18:00 | 2.040 |
| 23.02.2020 | 18:00 | 18:15 | 2.119 |
| 23.02.2020 | 18:15 | 18:30 | 2.214 |
| 23.02.2020 | 18:30 | 18:45 | 2.227 |
| 23.02.2020 | 18:45 | 19:00 | 2.215 |
| 23.02.2020 | 19:00 | 19:15 | 2.153 |
| 23.02.2020 | 19:15 | 19:30 | 2.148 |
| 23.02.2020 | 19:30 | 19:45 | 2.114 |
| 23.02.2020 | 19:45 | 20:00 | 2.027 |
| 23.02.2020 | 20:00 | 20:15 | 1.977 |
| 23.02.2020 | 20:15 | 20:30 | 1.893 |
| 23.02.2020 | 20:30 | 20:45 | 1.807 |
| 23.02.2020 | 20:45 | 21:00 | 1.747 |
| 23.02.2020 | 21:00 | 21:15 | 1.685 |
| 23.02.2020 | 21:15 | 21:30 | 1.632 |
| 23.02.2020 | 21:30 | 21:45 | 1.579 |
| 23.02.2020 | 21:45 | 22:00 | 1.546 |
| 23.02.2020 | 22:00 | 22:15 | 1.634 |
| 23.02.2020 | 22:15 | 22:30 | 1.580 |
| 23.02.2020 | 22:30 | 22:45 | 1.516 |
| 23.02.2020 | 22:45 | 23:00 | 1.474 |
| 23.02.2020 | 23:00 | 23:15 | 1.418 |
| 23.02.2020 | 23:15 | 23:30 | 1.388 |
| 23.02.2020 | 23:30 | 23:45 | 1.316 |
| 23.02.2020 | 23:45 | 00:00 | 1.252 |
| 24.02.2020 | 00:00 | 00:15 | 1.194 |
| 24.02.2020 | 00:15 | 00:30 | 1.155 |
| 24.02.2020 | 00:30 | 00:45 | 1.125 |
| 24.02.2020 | 00:45 | 01:00 | 1.096 |
| 24.02.2020 | 01:00 | 01:15 | 1.078 |
| 24.02.2020 | 01:15 | 01:30 | 1.053 |
| 24.02.2020 | 01:30 | 01:45 | 1.031 |
| 24.02.2020 | 01:45 | 02:00 | 1.022 |
| 24.02.2020 | 02:00 | 02:15 | 1.009 |
| 24.02.2020 | 02:15 | 02:30 | 1.004 |
| 24.02.2020 | 02:30 | 02:45 | 995 |
| 24.02.2020 | 02:45 | 03:00 | 993 |
| 24.02.2020 | 03:00 | 03:15 | 1.004 |
| 24.02.2020 | 03:15 | 03:30 | 995 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.02.2020 | 03:30 | 03:45 | 1.002 |
| 24.02.2020 | 03:45 | 04:00 | 1.012 |
| 24.02.2020 | 04:00 | 04:15 | 1.030 |
| 24.02.2020 | 04:15 | 04:30 | 1.052 |
| 24.02.2020 | 04:30 | 04:45 | 1.062 |
| 24.02.2020 | 04:45 | 05:00 | 1.089 |
| 24.02.2020 | 05:00 | 05:15 | 1.161 |
| 24.02.2020 | 05:15 | 05:30 | 1.212 |
| 24.02.2020 | 05:30 | 05:45 | 1.295 |
| 24.02.2020 | 05:45 | 06:00 | 1.376 |
| 24.02.2020 | 06:00 | 06:15 | 1.477 |
| 24.02.2020 | 06:15 | 06:30 | 1.628 |
| 24.02.2020 | 06:30 | 06:45 | 1.732 |
| 24.02.2020 | 06:45 | 07:00 | 1.811 |
| 24.02.2020 | 07:00 | 07:15 | 1.943 |
| 24.02.2020 | 07:15 | 07:30 | 1.968 |
| 24.02.2020 | 07:30 | 07:45 | 2.024 |
| 24.02.2020 | 07:45 | 08:00 | 2.060 |
| 24.02.2020 | 08:00 | 08:15 | 2.112 |
| 24.02.2020 | 08:15 | 08:30 | 2.176 |
| 24.02.2020 | 08:30 | 08:45 | 2.262 |
| 24.02.2020 | 08:45 | 09:00 | 2.324 |
| 24.02.2020 | 09:00 | 09:15 | 2.392 |
| 24.02.2020 | 09:15 | 09:30 | 2.427 |
| 24.02.2020 | 09:30 | 09:45 | 2.492 |
| 24.02.2020 | 09:45 | 10:00 | 2.528 |
| 24.02.2020 | 10:00 | 10:15 | 2.564 |
| 24.02.2020 | 10:15 | 10:30 | 2.553 |
| 24.02.2020 | 10:30 | 10:45 | 2.597 |
| 24.02.2020 | 10:45 | 11:00 | 2.654 |
| 24.02.2020 | 11:00 | 11:15 | 2.693 |
| 24.02.2020 | 11:15 | 11:30 | 2.720 |
| 24.02.2020 | 11:30 | 11:45 | 2.746 |
| 24.02.2020 | 11:45 | 12:00 | 2.757 |
| 24.02.2020 | 12:00 | 12:15 | 2.741 |
| 24.02.2020 | 12:15 | 12:30 | 2.749 |
| 24.02.2020 | 12:30 | 12:45 | 2.753 |
| 24.02.2020 | 12:45 | 13:00 | 2.732 |
| 24.02.2020 | 13:00 | 13:15 | 2.675 |
| 24.02.2020 | 13:15 | 13:30 | 2.661 |
| 24.02.2020 | 13:30 | 13:45 | 2.641 |
| 24.02.2020 | 13:45 | 14:00 | 2.588 |
| 24.02.2020 | 14:00 | 14:15 | 2.547 |
| 24.02.2020 | 14:15 | 14:30 | 2.550 |
| 24.02.2020 | 14:30 | 14:45 | 2.493 |
| 24.02.2020 | 14:45 | 15:00 | 2.494 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.02.2020 | 15:00 | 15:15 | 2.524 |
| 24.02.2020 | 15:15 | 15:30 | 2.517 |
| 24.02.2020 | 15:30 | 15:45 | 2.498 |
| 24.02.2020 | 15:45 | 16:00 | 2.466 |
| 24.02.2020 | 16:00 | 16:15 | 2.485 |
| 24.02.2020 | 16:15 | 16:30 | 2.478 |
| 24.02.2020 | 16:30 | 16:45 | 2.472 |
| 24.02.2020 | 16:45 | 17:00 | 2.497 |
| 24.02.2020 | 17:00 | 17:15 | 2.601 |
| 24.02.2020 | 17:15 | 17:30 | 2.616 |
| 24.02.2020 | 17:30 | 17:45 | 2.661 |
| 24.02.2020 | 17:45 | 18:00 | 2.733 |
| 24.02.2020 | 18:00 | 18:15 | 2.835 |
| 24.02.2020 | 18:15 | 18:30 | 2.956 |
| 24.02.2020 | 18:30 | 18:45 | 2.986 |
| 24.02.2020 | 18:45 | 19:00 | 2.969 |
| 24.02.2020 | 19:00 | 19:15 | 2.904 |
| 24.02.2020 | 19:15 | 19:30 | 2.757 |
| 24.02.2020 | 19:30 | 19:45 | 2.657 |
| 24.02.2020 | 19:45 | 20:00 | 2.620 |
| 24.02.2020 | 20:00 | 20:15 | 2.504 |
| 24.02.2020 | 20:15 | 20:30 | 2.373 |
| 24.02.2020 | 20:30 | 20:45 | 2.281 |
| 24.02.2020 | 20:45 | 21:00 | 2.178 |
| 24.02.2020 | 21:00 | 21:15 | 2.056 |
| 24.02.2020 | 21:15 | 21:30 | 1.965 |
| 24.02.2020 | 21:30 | 21:45 | 1.888 |
| 24.02.2020 | 21:45 | 22:00 | 1.805 |
| 24.02.2020 | 22:00 | 22:15 | 1.824 |
| 24.02.2020 | 22:15 | 22:30 | 1.747 |
| 24.02.2020 | 22:30 | 22:45 | 1.713 |
| 24.02.2020 | 22:45 | 23:00 | 1.652 |
| 24.02.2020 | 23:00 | 23:15 | 1.579 |
| 24.02.2020 | 23:15 | 23:30 | 1.521 |
| 24.02.2020 | 23:30 | 23:45 | 1.444 |
| 24.02.2020 | 23:45 | 00:00 | 1.392 |
| 25.02.2020 | 00:00 | 00:15 | 1.339 |
| 25.02.2020 | 00:15 | 00:30 | 1.295 |
| 25.02.2020 | 00:30 | 00:45 | 1.252 |
| 25.02.2020 | 00:45 | 01:00 | 1.220 |
| 25.02.2020 | 01:00 | 01:15 | 1.187 |
| 25.02.2020 | 01:15 | 01:30 | 1.169 |
| 25.02.2020 | 01:30 | 01:45 | 1.134 |
| 25.02.2020 | 01:45 | 02:00 | 1.117 |
| 25.02.2020 | 02:00 | 02:15 | 1.097 |
| 25.02.2020 | 02:15 | 02:30 | 1.071 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.02.2020 | 02:30 | 02:45 | 1.058 |
| 25.02.2020 | 02:45 | 03:00 | 1.052 |
| 25.02.2020 | 03:00 | 03:15 | 1.059 |
| 25.02.2020 | 03:15 | 03:30 | 1.058 |
| 25.02.2020 | 03:30 | 03:45 | 1.060 |
| 25.02.2020 | 03:45 | 04:00 | 1.072 |
| 25.02.2020 | 04:00 | 04:15 | 1.090 |
| 25.02.2020 | 04:15 | 04:30 | 1.114 |
| 25.02.2020 | 04:30 | 04:45 | 1.139 |
| 25.02.2020 | 04:45 | 05:00 | 1.177 |
| 25.02.2020 | 05:00 | 05:15 | 1.267 |
| 25.02.2020 | 05:15 | 05:30 | 1.329 |
| 25.02.2020 | 05:30 | 05:45 | 1.401 |
| 25.02.2020 | 05:45 | 06:00 | 1.478 |
| 25.02.2020 | 06:00 | 06:15 | 1.612 |
| 25.02.2020 | 06:15 | 06:30 | 1.766 |
| 25.02.2020 | 06:30 | 06:45 | 1.863 |
| 25.02.2020 | 06:45 | 07:00 | 1.923 |
| 25.02.2020 | 07:00 | 07:15 | 2.060 |
| 25.02.2020 | 07:15 | 07:30 | 2.095 |
| 25.02.2020 | 07:30 | 07:45 | 2.166 |
| 25.02.2020 | 07:45 | 08:00 | 2.180 |
| 25.02.2020 | 08:00 | 08:15 | 2.250 |
| 25.02.2020 | 08:15 | 08:30 | 2.297 |
| 25.02.2020 | 08:30 | 08:45 | 2.326 |
| 25.02.2020 | 08:45 | 09:00 | 2.365 |
| 25.02.2020 | 09:00 | 09:15 | 2.428 |
| 25.02.2020 | 09:15 | 09:30 | 2.476 |
| 25.02.2020 | 09:30 | 09:45 | 2.538 |
| 25.02.2020 | 09:45 | 10:00 | 2.480 |
| 25.02.2020 | 10:00 | 10:15 | 2.513 |
| 25.02.2020 | 10:15 | 10:30 | 2.612 |
| 25.02.2020 | 10:30 | 10:45 | 2.688 |
| 25.02.2020 | 10:45 | 11:00 | 2.738 |
| 25.02.2020 | 11:00 | 11:15 | 2.746 |
| 25.02.2020 | 11:15 | 11:30 | 2.786 |
| 25.02.2020 | 11:30 | 11:45 | 2.760 |
| 25.02.2020 | 11:45 | 12:00 | 2.817 |
| 25.02.2020 | 12:00 | 12:15 | 2.829 |
| 25.02.2020 | 12:15 | 12:30 | 2.832 |
| 25.02.2020 | 12:30 | 12:45 | 2.854 |
| 25.02.2020 | 12:45 | 13:00 | 2.794 |
| 25.02.2020 | 13:00 | 13:15 | 2.801 |
| 25.02.2020 | 13:15 | 13:30 | 2.786 |
| 25.02.2020 | 13:30 | 13:45 | 2.724 |
| 25.02.2020 | 13:45 | 14:00 | 2.675 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.02.2020 | 14:00 | 14:15 | 2.605 |
| 25.02.2020 | 14:15 | 14:30 | 2.575 |
| 25.02.2020 | 14:30 | 14:45 | 2.560 |
| 25.02.2020 | 14:45 | 15:00 | 2.514 |
| 25.02.2020 | 15:00 | 15:15 | 2.499 |
| 25.02.2020 | 15:15 | 15:30 | 2.478 |
| 25.02.2020 | 15:30 | 15:45 | 2.429 |
| 25.02.2020 | 15:45 | 16:00 | 2.408 |
| 25.02.2020 | 16:00 | 16:15 | 2.488 |
| 25.02.2020 | 16:15 | 16:30 | 2.511 |
| 25.02.2020 | 16:30 | 16:45 | 2.516 |
| 25.02.2020 | 16:45 | 17:00 | 2.492 |
| 25.02.2020 | 17:00 | 17:15 | 2.582 |
| 25.02.2020 | 17:15 | 17:30 | 2.640 |
| 25.02.2020 | 17:30 | 17:45 | 2.758 |
| 25.02.2020 | 17:45 | 18:00 | 2.887 |
| 25.02.2020 | 18:00 | 18:15 | 2.988 |
| 25.02.2020 | 18:15 | 18:30 | 3.085 |
| 25.02.2020 | 18:30 | 18:45 | 3.172 |
| 25.02.2020 | 18:45 | 19:00 | 3.194 |
| 25.02.2020 | 19:00 | 19:15 | 3.153 |
| 25.02.2020 | 19:15 | 19:30 | 3.090 |
| 25.02.2020 | 19:30 | 19:45 | 3.010 |
| 25.02.2020 | 19:45 | 20:00 | 2.906 |
| 25.02.2020 | 20:00 | 20:15 | 2.723 |
| 25.02.2020 | 20:15 | 20:30 | 2.619 |
| 25.02.2020 | 20:30 | 20:45 | 2.501 |
| 25.02.2020 | 20:45 | 21:00 | 2.424 |
| 25.02.2020 | 21:00 | 21:15 | 2.308 |
| 25.02.2020 | 21:15 | 21:30 | 2.169 |
| 25.02.2020 | 21:30 | 21:45 | 2.060 |
| 25.02.2020 | 21:45 | 22:00 | 1.958 |
| 25.02.2020 | 22:00 | 22:15 | 1.980 |
| 25.02.2020 | 22:15 | 22:30 | 1.865 |
| 25.02.2020 | 22:30 | 22:45 | 1.757 |
| 25.02.2020 | 22:45 | 23:00 | 1.687 |
| 25.02.2020 | 23:00 | 23:15 | 1.608 |
| 25.02.2020 | 23:15 | 23:30 | 1.537 |
| 25.02.2020 | 23:30 | 23:45 | 1.472 |
| 25.02.2020 | 23:45 | 00:00 | 1.401 |
| 26.02.2020 | 00:00 | 00:15 | 1.342 |
| 26.02.2020 | 00:15 | 00:30 | 1.302 |
| 26.02.2020 | 00:30 | 00:45 | 1.265 |
| 26.02.2020 | 00:45 | 01:00 | 1.225 |
| 26.02.2020 | 01:00 | 01:15 | 1.185 |
| 26.02.2020 | 01:15 | 01:30 | 1.167 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.02.2020 | 01:30 | 01:45 | 1.148 |
| 26.02.2020 | 01:45 | 02:00 | 1.126 |
| 26.02.2020 | 02:00 | 02:15 | 1.113 |
| 26.02.2020 | 02:15 | 02:30 | 1.091 |
| 26.02.2020 | 02:30 | 02:45 | 1.073 |
| 26.02.2020 | 02:45 | 03:00 | 1.077 |
| 26.02.2020 | 03:00 | 03:15 | 1.080 |
| 26.02.2020 | 03:15 | 03:30 | 1.079 |
| 26.02.2020 | 03:30 | 03:45 | 1.102 |
| 26.02.2020 | 03:45 | 04:00 | 1.116 |
| 26.02.2020 | 04:00 | 04:15 | 1.136 |
| 26.02.2020 | 04:15 | 04:30 | 1.171 |
| 26.02.2020 | 04:30 | 04:45 | 1.171 |
| 26.02.2020 | 04:45 | 05:00 | 1.232 |
| 26.02.2020 | 05:00 | 05:15 | 1.303 |
| 26.02.2020 | 05:15 | 05:30 | 1.344 |
| 26.02.2020 | 05:30 | 05:45 | 1.399 |
| 26.02.2020 | 05:45 | 06:00 | 1.520 |
| 26.02.2020 | 06:00 | 06:15 | 1.659 |
| 26.02.2020 | 06:15 | 06:30 | 1.830 |
| 26.02.2020 | 06:30 | 06:45 | 1.929 |
| 26.02.2020 | 06:45 | 07:00 | 2.070 |
| 26.02.2020 | 07:00 | 07:15 | 2.181 |
| 26.02.2020 | 07:15 | 07:30 | 2.225 |
| 26.02.2020 | 07:30 | 07:45 | 2.233 |
| 26.02.2020 | 07:45 | 08:00 | 2.296 |
| 26.02.2020 | 08:00 | 08:15 | 2.372 |
| 26.02.2020 | 08:15 | 08:30 | 2.451 |
| 26.02.2020 | 08:30 | 08:45 | 2.535 |
| 26.02.2020 | 08:45 | 09:00 | 2.554 |
| 26.02.2020 | 09:00 | 09:15 | 2.589 |
| 26.02.2020 | 09:15 | 09:30 | 2.608 |
| 26.02.2020 | 09:30 | 09:45 | 2.677 |
| 26.02.2020 | 09:45 | 10:00 | 2.721 |
| 26.02.2020 | 10:00 | 10:15 | 2.759 |
| 26.02.2020 | 10:15 | 10:30 | 2.776 |
| 26.02.2020 | 10:30 | 10:45 | 2.816 |
| 26.02.2020 | 10:45 | 11:00 | 2.892 |
| 26.02.2020 | 11:00 | 11:15 | 2.941 |
| 26.02.2020 | 11:15 | 11:30 | 2.935 |
| 26.02.2020 | 11:30 | 11:45 | 2.896 |
| 26.02.2020 | 11:45 | 12:00 | 2.917 |
| 26.02.2020 | 12:00 | 12:15 | 2.922 |
| 26.02.2020 | 12:15 | 12:30 | 2.923 |
| 26.02.2020 | 12:30 | 12:45 | 2.884 |
| 26.02.2020 | 12:45 | 13:00 | 2.904 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.02.2020 | 13:00 | 13:15 | 2.842 |
| 26.02.2020 | 13:15 | 13:30 | 2.810 |
| 26.02.2020 | 13:30 | 13:45 | 2.786 |
| 26.02.2020 | 13:45 | 14:00 | 2.739 |
| 26.02.2020 | 14:00 | 14:15 | 2.690 |
| 26.02.2020 | 14:15 | 14:30 | 2.675 |
| 26.02.2020 | 14:30 | 14:45 | 2.710 |
| 26.02.2020 | 14:45 | 15:00 | 2.615 |
| 26.02.2020 | 15:00 | 15:15 | 2.616 |
| 26.02.2020 | 15:15 | 15:30 | 2.654 |
| 26.02.2020 | 15:30 | 15:45 | 2.625 |
| 26.02.2020 | 15:45 | 16:00 | 2.574 |
| 26.02.2020 | 16:00 | 16:15 | 2.628 |
| 26.02.2020 | 16:15 | 16:30 | 2.634 |
| 26.02.2020 | 16:30 | 16:45 | 2.655 |
| 26.02.2020 | 16:45 | 17:00 | 2.633 |
| 26.02.2020 | 17:00 | 17:15 | 2.704 |
| 26.02.2020 | 17:15 | 17:30 | 2.775 |
| 26.02.2020 | 17:30 | 17:45 | 2.874 |
| 26.02.2020 | 17:45 | 18:00 | 2.901 |
| 26.02.2020 | 18:00 | 18:15 | 3.010 |
| 26.02.2020 | 18:15 | 18:30 | 3.154 |
| 26.02.2020 | 18:30 | 18:45 | 3.142 |
| 26.02.2020 | 18:45 | 19:00 | 3.125 |
| 26.02.2020 | 19:00 | 19:15 | 3.008 |
| 26.02.2020 | 19:15 | 19:30 | 2.959 |
| 26.02.2020 | 19:30 | 19:45 | 2.885 |
| 26.02.2020 | 19:45 | 20:00 | 2.812 |
| 26.02.2020 | 20:00 | 20:15 | 2.643 |
| 26.02.2020 | 20:15 | 20:30 | 2.558 |
| 26.02.2020 | 20:30 | 20:45 | 2.423 |
| 26.02.2020 | 20:45 | 21:00 | 2.329 |
| 26.02.2020 | 21:00 | 21:15 | 2.204 |
| 26.02.2020 | 21:15 | 21:30 | 2.086 |
| 26.02.2020 | 21:30 | 21:45 | 1.963 |
| 26.02.2020 | 21:45 | 22:00 | 1.954 |
| 26.02.2020 | 22:00 | 22:15 | 2.001 |
| 26.02.2020 | 22:15 | 22:30 | 1.907 |
| 26.02.2020 | 22:30 | 22:45 | 1.846 |
| 26.02.2020 | 22:45 | 23:00 | 1.735 |
| 26.02.2020 | 23:00 | 23:15 | 1.658 |
| 26.02.2020 | 23:15 | 23:30 | 1.608 |
| 26.02.2020 | 23:30 | 23:45 | 1.538 |
| 26.02.2020 | 23:45 | 00:00 | 1.475 |
| 27.02.2020 | 00:00 | 00:15 | 1.427 |
| 27.02.2020 | 00:15 | 00:30 | 1.376 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.02.2020 | 00:30 | 00:45 | 1.332 |
| 27.02.2020 | 00:45 | 01:00 | 1.294 |
| 27.02.2020 | 01:00 | 01:15 | 1.246 |
| 27.02.2020 | 01:15 | 01:30 | 1.207 |
| 27.02.2020 | 01:30 | 01:45 | 1.187 |
| 27.02.2020 | 01:45 | 02:00 | 1.163 |
| 27.02.2020 | 02:00 | 02:15 | 1.167 |
| 27.02.2020 | 02:15 | 02:30 | 1.163 |
| 27.02.2020 | 02:30 | 02:45 | 1.142 |
| 27.02.2020 | 02:45 | 03:00 | 1.137 |
| 27.02.2020 | 03:00 | 03:15 | 1.146 |
| 27.02.2020 | 03:15 | 03:30 | 1.098 |
| 27.02.2020 | 03:30 | 03:45 | 1.093 |
| 27.02.2020 | 03:45 | 04:00 | 1.108 |
| 27.02.2020 | 04:00 | 04:15 | 1.140 |
| 27.02.2020 | 04:15 | 04:30 | 1.162 |
| 27.02.2020 | 04:30 | 04:45 | 1.179 |
| 27.02.2020 | 04:45 | 05:00 | 1.233 |
| 27.02.2020 | 05:00 | 05:15 | 1.289 |
| 27.02.2020 | 05:15 | 05:30 | 1.334 |
| 27.02.2020 | 05:30 | 05:45 | 1.410 |
| 27.02.2020 | 05:45 | 06:00 | 1.518 |
| 27.02.2020 | 06:00 | 06:15 | 1.653 |
| 27.02.2020 | 06:15 | 06:30 | 1.799 |
| 27.02.2020 | 06:30 | 06:45 | 1.929 |
| 27.02.2020 | 06:45 | 07:00 | 2.105 |
| 27.02.2020 | 07:00 | 07:15 | 2.199 |
| 27.02.2020 | 07:15 | 07:30 | 2.223 |
| 27.02.2020 | 07:30 | 07:45 | 2.202 |
| 27.02.2020 | 07:45 | 08:00 | 2.247 |
| 27.02.2020 | 08:00 | 08:15 | 2.331 |
| 27.02.2020 | 08:15 | 08:30 | 2.394 |
| 27.02.2020 | 08:30 | 08:45 | 2.424 |
| 27.02.2020 | 08:45 | 09:00 | 2.446 |
| 27.02.2020 | 09:00 | 09:15 | 2.488 |
| 27.02.2020 | 09:15 | 09:30 | 2.508 |
| 27.02.2020 | 09:30 | 09:45 | 2.537 |
| 27.02.2020 | 09:45 | 10:00 | 2.558 |
| 27.02.2020 | 10:00 | 10:15 | 2.605 |
| 27.02.2020 | 10:15 | 10:30 | 2.614 |
| 27.02.2020 | 10:30 | 10:45 | 2.637 |
| 27.02.2020 | 10:45 | 11:00 | 2.660 |
| 27.02.2020 | 11:00 | 11:15 | 2.658 |
| 27.02.2020 | 11:15 | 11:30 | 2.712 |
| 27.02.2020 | 11:30 | 11:45 | 2.725 |
| 27.02.2020 | 11:45 | 12:00 | 2.745 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.02.2020 | 12:00 | 12:15 | 2.754 |
| 27.02.2020 | 12:15 | 12:30 | 2.827 |
| 27.02.2020 | 12:30 | 12:45 | 2.868 |
| 27.02.2020 | 12:45 | 13:00 | 2.859 |
| 27.02.2020 | 13:00 | 13:15 | 2.883 |
| 27.02.2020 | 13:15 | 13:30 | 2.854 |
| 27.02.2020 | 13:30 | 13:45 | 2.827 |
| 27.02.2020 | 13:45 | 14:00 | 2.731 |
| 27.02.2020 | 14:00 | 14:15 | 2.706 |
| 27.02.2020 | 14:15 | 14:30 | 2.714 |
| 27.02.2020 | 14:30 | 14:45 | 2.706 |
| 27.02.2020 | 14:45 | 15:00 | 2.674 |
| 27.02.2020 | 15:00 | 15:15 | 2.716 |
| 27.02.2020 | 15:15 | 15:30 | 2.710 |
| 27.02.2020 | 15:30 | 15:45 | 2.695 |
| 27.02.2020 | 15:45 | 16:00 | 2.641 |
| 27.02.2020 | 16:00 | 16:15 | 2.701 |
| 27.02.2020 | 16:15 | 16:30 | 2.730 |
| 27.02.2020 | 16:30 | 16:45 | 2.735 |
| 27.02.2020 | 16:45 | 17:00 | 2.747 |
| 27.02.2020 | 17:00 | 17:15 | 2.803 |
| 27.02.2020 | 17:15 | 17:30 | 2.877 |
| 27.02.2020 | 17:30 | 17:45 | 2.984 |
| 27.02.2020 | 17:45 | 18:00 | 3.012 |
| 27.02.2020 | 18:00 | 18:15 | 3.052 |
| 27.02.2020 | 18:15 | 18:30 | 3.190 |
| 27.02.2020 | 18:30 | 18:45 | 3.199 |
| 27.02.2020 | 18:45 | 19:00 | 3.200 |
| 27.02.2020 | 19:00 | 19:15 | 3.135 |
| 27.02.2020 | 19:15 | 19:30 | 3.041 |
| 27.02.2020 | 19:30 | 19:45 | 2.967 |
| 27.02.2020 | 19:45 | 20:00 | 2.922 |
| 27.02.2020 | 20:00 | 20:15 | 2.788 |
| 27.02.2020 | 20:15 | 20:30 | 2.669 |
| 27.02.2020 | 20:30 | 20:45 | 2.515 |
| 27.02.2020 | 20:45 | 21:00 | 2.380 |
| 27.02.2020 | 21:00 | 21:15 | 2.271 |
| 27.02.2020 | 21:15 | 21:30 | 2.146 |
| 27.02.2020 | 21:30 | 21:45 | 2.076 |
| 27.02.2020 | 21:45 | 22:00 | 2.006 |
| 27.02.2020 | 22:00 | 22:15 | 2.027 |
| 27.02.2020 | 22:15 | 22:30 | 1.917 |
| 27.02.2020 | 22:30 | 22:45 | 1.857 |
| 27.02.2020 | 22:45 | 23:00 | 1.744 |
| 27.02.2020 | 23:00 | 23:15 | 1.646 |
| 27.02.2020 | 23:15 | 23:30 | 1.596 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.02.2020 | 23:30 | 23:45 | 1.521 |
| 27.02.2020 | 23:45 | 00:00 | 1.453 |
| 28.02.2020 | 00:00 | 00:15 | 1.386 |
| 28.02.2020 | 00:15 | 00:30 | 1.353 |
| 28.02.2020 | 00:30 | 00:45 | 1.307 |
| 28.02.2020 | 00:45 | 01:00 | 1.260 |
| 28.02.2020 | 01:00 | 01:15 | 1.229 |
| 28.02.2020 | 01:15 | 01:30 | 1.188 |
| 28.02.2020 | 01:30 | 01:45 | 1.163 |
| 28.02.2020 | 01:45 | 02:00 | 1.150 |
| 28.02.2020 | 02:00 | 02:15 | 1.138 |
| 28.02.2020 | 02:15 | 02:30 | 1.112 |
| 28.02.2020 | 02:30 | 02:45 | 1.099 |
| 28.02.2020 | 02:45 | 03:00 | 1.098 |
| 28.02.2020 | 03:00 | 03:15 | 1.107 |
| 28.02.2020 | 03:15 | 03:30 | 1.136 |
| 28.02.2020 | 03:30 | 03:45 | 1.163 |
| 28.02.2020 | 03:45 | 04:00 | 1.200 |
| 28.02.2020 | 04:00 | 04:15 | 1.228 |
| 28.02.2020 | 04:15 | 04:30 | 1.253 |
| 28.02.2020 | 04:30 | 04:45 | 1.275 |
| 28.02.2020 | 04:45 | 05:00 | 1.303 |
| 28.02.2020 | 05:00 | 05:15 | 1.303 |
| 28.02.2020 | 05:15 | 05:30 | 1.376 |
| 28.02.2020 | 05:30 | 05:45 | 1.441 |
| 28.02.2020 | 05:45 | 06:00 | 1.546 |
| 28.02.2020 | 06:00 | 06:15 | 1.675 |
| 28.02.2020 | 06:15 | 06:30 | 1.833 |
| 28.02.2020 | 06:30 | 06:45 | 1.965 |
| 28.02.2020 | 06:45 | 07:00 | 2.112 |
| 28.02.2020 | 07:00 | 07:15 | 2.163 |
| 28.02.2020 | 07:15 | 07:30 | 2.210 |
| 28.02.2020 | 07:30 | 07:45 | 2.234 |
| 28.02.2020 | 07:45 | 08:00 | 2.274 |
| 28.02.2020 | 08:00 | 08:15 | 2.350 |
| 28.02.2020 | 08:15 | 08:30 | 2.371 |
| 28.02.2020 | 08:30 | 08:45 | 2.434 |
| 28.02.2020 | 08:45 | 09:00 | 2.445 |
| 28.02.2020 | 09:00 | 09:15 | 2.481 |
| 28.02.2020 | 09:15 | 09:30 | 2.497 |
| 28.02.2020 | 09:30 | 09:45 | 2.525 |
| 28.02.2020 | 09:45 | 10:00 | 2.488 |
| 28.02.2020 | 10:00 | 10:15 | 2.490 |
| 28.02.2020 | 10:15 | 10:30 | 2.538 |
| 28.02.2020 | 10:30 | 10:45 | 2.548 |
| 28.02.2020 | 10:45 | 11:00 | 2.576 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.02.2020 | 11:00 | 11:15 | 2.601 |
| 28.02.2020 | 11:15 | 11:30 | 2.611 |
| 28.02.2020 | 11:30 | 11:45 | 2.626 |
| 28.02.2020 | 11:45 | 12:00 | 2.661 |
| 28.02.2020 | 12:00 | 12:15 | 2.646 |
| 28.02.2020 | 12:15 | 12:30 | 2.671 |
| 28.02.2020 | 12:30 | 12:45 | 2.699 |
| 28.02.2020 | 12:45 | 13:00 | 2.659 |
| 28.02.2020 | 13:00 | 13:15 | 2.654 |
| 28.02.2020 | 13:15 | 13:30 | 2.628 |
| 28.02.2020 | 13:30 | 13:45 | 2.591 |
| 28.02.2020 | 13:45 | 14:00 | 2.530 |
| 28.02.2020 | 14:00 | 14:15 | 2.521 |
| 28.02.2020 | 14:15 | 14:30 | 2.481 |
| 28.02.2020 | 14:30 | 14:45 | 2.510 |
| 28.02.2020 | 14:45 | 15:00 | 2.468 |
| 28.02.2020 | 15:00 | 15:15 | 2.466 |
| 28.02.2020 | 15:15 | 15:30 | 2.424 |
| 28.02.2020 | 15:30 | 15:45 | 2.449 |
| 28.02.2020 | 15:45 | 16:00 | 2.422 |
| 28.02.2020 | 16:00 | 16:15 | 2.481 |
| 28.02.2020 | 16:15 | 16:30 | 2.477 |
| 28.02.2020 | 16:30 | 16:45 | 2.465 |
| 28.02.2020 | 16:45 | 17:00 | 2.474 |
| 28.02.2020 | 17:00 | 17:15 | 2.511 |
| 28.02.2020 | 17:15 | 17:30 | 2.570 |
| 28.02.2020 | 17:30 | 17:45 | 2.605 |
| 28.02.2020 | 17:45 | 18:00 | 2.648 |
| 28.02.2020 | 18:00 | 18:15 | 2.721 |
| 28.02.2020 | 18:15 | 18:30 | 2.876 |
| 28.02.2020 | 18:30 | 18:45 | 2.952 |
| 28.02.2020 | 18:45 | 19:00 | 2.935 |
| 28.02.2020 | 19:00 | 19:15 | 2.885 |
| 28.02.2020 | 19:15 | 19:30 | 2.850 |
| 28.02.2020 | 19:30 | 19:45 | 2.774 |
| 28.02.2020 | 19:45 | 20:00 | 2.706 |
| 28.02.2020 | 20:00 | 20:15 | 2.578 |
| 28.02.2020 | 20:15 | 20:30 | 2.451 |
| 28.02.2020 | 20:30 | 20:45 | 2.367 |
| 28.02.2020 | 20:45 | 21:00 | 2.293 |
| 28.02.2020 | 21:00 | 21:15 | 2.213 |
| 28.02.2020 | 21:15 | 21:30 | 2.089 |
| 28.02.2020 | 21:30 | 21:45 | 1.970 |
| 28.02.2020 | 21:45 | 22:00 | 1.890 |
| 28.02.2020 | 22:00 | 22:15 | 1.952 |
| 28.02.2020 | 22:15 | 22:30 | 1.827 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.02.2020 | 22:30 | 22:45 | 1.790 |
| 28.02.2020 | 22:45 | 23:00 | 1.747 |
| 28.02.2020 | 23:00 | 23:15 | 1.677 |
| 28.02.2020 | 23:15 | 23:30 | 1.625 |
| 28.02.2020 | 23:30 | 23:45 | 1.562 |
| 28.02.2020 | 23:45 | 00:00 | 1.501 |
| 29.02.2020 | 00:00 | 00:15 | 1.413 |
| 29.02.2020 | 00:15 | 00:30 | 1.366 |
| 29.02.2020 | 00:30 | 00:45 | 1.315 |
| 29.02.2020 | 00:45 | 01:00 | 1.277 |
| 29.02.2020 | 01:00 | 01:15 | 1.235 |
| 29.02.2020 | 01:15 | 01:30 | 1.200 |
| 29.02.2020 | 01:30 | 01:45 | 1.167 |
| 29.02.2020 | 01:45 | 02:00 | 1.132 |
| 29.02.2020 | 02:00 | 02:15 | 1.125 |
| 29.02.2020 | 02:15 | 02:30 | 1.098 |
| 29.02.2020 | 02:30 | 02:45 | 1.094 |
| 29.02.2020 | 02:45 | 03:00 | 1.088 |
| 29.02.2020 | 03:00 | 03:15 | 1.069 |
| 29.02.2020 | 03:15 | 03:30 | 1.056 |
| 29.02.2020 | 03:30 | 03:45 | 1.051 |
| 29.02.2020 | 03:45 | 04:00 | 1.050 |
| 29.02.2020 | 04:00 | 04:15 | 1.070 |
| 29.02.2020 | 04:15 | 04:30 | 1.071 |
| 29.02.2020 | 04:30 | 04:45 | 1.077 |
| 29.02.2020 | 04:45 | 05:00 | 1.086 |
| 29.02.2020 | 05:00 | 05:15 | 1.107 |
| 29.02.2020 | 05:15 | 05:30 | 1.111 |
| 29.02.2020 | 05:30 | 05:45 | 1.121 |
| 29.02.2020 | 05:45 | 06:00 | 1.141 |
| 29.02.2020 | 06:00 | 06:15 | 1.152 |
| 29.02.2020 | 06:15 | 06:30 | 1.187 |
| 29.02.2020 | 06:30 | 06:45 | 1.222 |
| 29.02.2020 | 06:45 | 07:00 | 1.264 |
| 29.02.2020 | 07:00 | 07:15 | 1.293 |
| 29.02.2020 | 07:15 | 07:30 | 1.359 |
| 29.02.2020 | 07:30 | 07:45 | 1.407 |
| 29.02.2020 | 07:45 | 08:00 | 1.482 |
| 29.02.2020 | 08:00 | 08:15 | 1.581 |
| 29.02.2020 | 08:15 | 08:30 | 1.639 |
| 29.02.2020 | 08:30 | 08:45 | 1.698 |
| 29.02.2020 | 08:45 | 09:00 | 1.765 |
| 29.02.2020 | 09:00 | 09:15 | 1.851 |
| 29.02.2020 | 09:15 | 09:30 | 1.920 |
| 29.02.2020 | 09:30 | 09:45 | 1.991 |
| 29.02.2020 | 09:45 | 10:00 | 2.059 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.02.2020 | 10:00 | 10:15 | 2.117 |
| 29.02.2020 | 10:15 | 10:30 | 2.126 |
| 29.02.2020 | 10:30 | 10:45 | 2.133 |
| 29.02.2020 | 10:45 | 11:00 | 2.135 |
| 29.02.2020 | 11:00 | 11:15 | 2.180 |
| 29.02.2020 | 11:15 | 11:30 | 2.208 |
| 29.02.2020 | 11:30 | 11:45 | 2.193 |
| 29.02.2020 | 11:45 | 12:00 | 2.189 |
| 29.02.2020 | 12:00 | 12:15 | 2.206 |
| 29.02.2020 | 12:15 | 12:30 | 2.177 |
| 29.02.2020 | 12:30 | 12:45 | 2.169 |
| 29.02.2020 | 12:45 | 13:00 | 2.152 |
| 29.02.2020 | 13:00 | 13:15 | 2.135 |
| 29.02.2020 | 13:15 | 13:30 | 2.179 |
| 29.02.2020 | 13:30 | 13:45 | 2.204 |
| 29.02.2020 | 13:45 | 14:00 | 2.178 |
| 29.02.2020 | 14:00 | 14:15 | 2.141 |
| 29.02.2020 | 14:15 | 14:30 | 2.083 |
| 29.02.2020 | 14:30 | 14:45 | 2.037 |
| 29.02.2020 | 14:45 | 15:00 | 2.046 |
| 29.02.2020 | 15:00 | 15:15 | 2.067 |
| 29.02.2020 | 15:15 | 15:30 | 2.044 |
| 29.02.2020 | 15:30 | 15:45 | 2.033 |
| 29.02.2020 | 15:45 | 16:00 | 2.081 |
| 29.02.2020 | 16:00 | 16:15 | 2.116 |
| 29.02.2020 | 16:15 | 16:30 | 2.103 |
| 29.02.2020 | 16:30 | 16:45 | 2.091 |
| 29.02.2020 | 16:45 | 17:00 | 2.090 |
| 29.02.2020 | 17:00 | 17:15 | 2.094 |
| 29.02.2020 | 17:15 | 17:30 | 2.078 |
| 29.02.2020 | 17:30 | 17:45 | 2.126 |
| 29.02.2020 | 17:45 | 18:00 | 2.198 |
| 29.02.2020 | 18:00 | 18:15 | 2.226 |
| 29.02.2020 | 18:15 | 18:30 | 2.249 |
| 29.02.2020 | 18:30 | 18:45 | 2.366 |
| 29.02.2020 | 18:45 | 19:00 | 2.346 |
| 29.02.2020 | 19:00 | 19:15 | 2.316 |
| 29.02.2020 | 19:15 | 19:30 | 2.262 |
| 29.02.2020 | 19:30 | 19:45 | 2.204 |
| 29.02.2020 | 19:45 | 20:00 | 2.130 |
| 29.02.2020 | 20:00 | 20:15 | 2.076 |
| 29.02.2020 | 20:15 | 20:30 | 2.000 |
| 29.02.2020 | 20:30 | 20:45 | 1.923 |
| 29.02.2020 | 20:45 | 21:00 | 1.835 |
| 29.02.2020 | 21:00 | 21:15 | 1.794 |
| 29.02.2020 | 21:15 | 21:30 | 1.729 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.02.2020 | 21:30 | 21:45 | 1.663 |
| 29.02.2020 | 21:45 | 22:00 | 1.617 |
| 29.02.2020 | 22:00 | 22:15 | 1.680 |
| 29.02.2020 | 22:15 | 22:30 | 1.621 |
| 29.02.2020 | 22:30 | 22:45 | 1.561 |
| 29.02.2020 | 22:45 | 23:00 | 1.527 |
| 29.02.2020 | 23:00 | 23:15 | 1.449 |
| 29.02.2020 | 23:15 | 23:30 | 1.415 |
| 29.02.2020 | 23:30 | 23:45 | 1.360 |
| 29.02.2020 | 23:45 | 00:00 | 1.304 |
| 01.03.2020 | 00:00 | 00:15 | 1.259 |
| 01.03.2020 | 00:15 | 00:30 | 1.209 |
| 01.03.2020 | 00:30 | 00:45 | 1.163 |
| 01.03.2020 | 00:45 | 01:00 | 1.126 |
| 01.03.2020 | 01:00 | 01:15 | 1.084 |
| 01.03.2020 | 01:15 | 01:30 | 1.058 |
| 01.03.2020 | 01:30 | 01:45 | 1.031 |
| 01.03.2020 | 01:45 | 02:00 | 1.011 |
| 01.03.2020 | 02:00 | 02:15 | 1.006 |
| 01.03.2020 | 02:15 | 02:30 | 995 |
| 01.03.2020 | 02:30 | 02:45 | 973 |
| 01.03.2020 | 02:45 | 03:00 | 969 |
| 01.03.2020 | 03:00 | 03:15 | 970 |
| 01.03.2020 | 03:15 | 03:30 | 960 |
| 01.03.2020 | 03:30 | 03:45 | 957 |
| 01.03.2020 | 03:45 | 04:00 | 956 |
| 01.03.2020 | 04:00 | 04:15 | 963 |
| 01.03.2020 | 04:15 | 04:30 | 965 |
| 01.03.2020 | 04:30 | 04:45 | 972 |
| 01.03.2020 | 04:45 | 05:00 | 968 |
| 01.03.2020 | 05:00 | 05:15 | 984 |
| 01.03.2020 | 05:15 | 05:30 | 984 |
| 01.03.2020 | 05:30 | 05:45 | 994 |
| 01.03.2020 | 05:45 | 06:00 | 1.012 |
| 01.03.2020 | 06:00 | 06:15 | 1.010 |
| 01.03.2020 | 06:15 | 06:30 | 1.023 |
| 01.03.2020 | 06:30 | 06:45 | 1.049 |
| 01.03.2020 | 06:45 | 07:00 | 1.066 |
| 01.03.2020 | 07:00 | 07:15 | 1.071 |
| 01.03.2020 | 07:15 | 07:30 | 1.115 |
| 01.03.2020 | 07:30 | 07:45 | 1.160 |
| 01.03.2020 | 07:45 | 08:00 | 1.223 |
| 01.03.2020 | 08:00 | 08:15 | 1.281 |
| 01.03.2020 | 08:15 | 08:30 | 1.353 |
| 01.03.2020 | 08:30 | 08:45 | 1.422 |
| 01.03.2020 | 08:45 | 09:00 | 1.493 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.03.2020 | 09:00 | 09:15 | 1.583 |
| 01.03.2020 | 09:15 | 09:30 | 1.658 |
| 01.03.2020 | 09:30 | 09:45 | 1.701 |
| 01.03.2020 | 09:45 | 10:00 | 1.788 |
| 01.03.2020 | 10:00 | 10:15 | 1.838 |
| 01.03.2020 | 10:15 | 10:30 | 1.895 |
| 01.03.2020 | 10:30 | 10:45 | 1.939 |
| 01.03.2020 | 10:45 | 11:00 | 1.969 |
| 01.03.2020 | 11:00 | 11:15 | 1.993 |
| 01.03.2020 | 11:15 | 11:30 | 2.034 |
| 01.03.2020 | 11:30 | 11:45 | 2.074 |
| 01.03.2020 | 11:45 | 12:00 | 2.123 |
| 01.03.2020 | 12:00 | 12:15 | 2.102 |
| 01.03.2020 | 12:15 | 12:30 | 2.133 |
| 01.03.2020 | 12:30 | 12:45 | 2.104 |
| 01.03.2020 | 12:45 | 13:00 | 2.094 |
| 01.03.2020 | 13:00 | 13:15 | 2.100 |
| 01.03.2020 | 13:15 | 13:30 | 2.057 |
| 01.03.2020 | 13:30 | 13:45 | 1.995 |
| 01.03.2020 | 13:45 | 14:00 | 1.960 |
| 01.03.2020 | 14:00 | 14:15 | 1.944 |
| 01.03.2020 | 14:15 | 14:30 | 1.918 |
| 01.03.2020 | 14:30 | 14:45 | 1.878 |
| 01.03.2020 | 14:45 | 15:00 | 1.857 |
| 01.03.2020 | 15:00 | 15:15 | 1.844 |
| 01.03.2020 | 15:15 | 15:30 | 1.845 |
| 01.03.2020 | 15:30 | 15:45 | 1.855 |
| 01.03.2020 | 15:45 | 16:00 | 1.819 |
| 01.03.2020 | 16:00 | 16:15 | 1.805 |
| 01.03.2020 | 16:15 | 16:30 | 1.826 |
| 01.03.2020 | 16:30 | 16:45 | 1.827 |
| 01.03.2020 | 16:45 | 17:00 | 1.834 |
| 01.03.2020 | 17:00 | 17:15 | 1.846 |
| 01.03.2020 | 17:15 | 17:30 | 1.891 |
| 01.03.2020 | 17:30 | 17:45 | 1.959 |
| 01.03.2020 | 17:45 | 18:00 | 2.002 |
| 01.03.2020 | 18:00 | 18:15 | 2.043 |
| 01.03.2020 | 18:15 | 18:30 | 2.163 |
| 01.03.2020 | 18:30 | 18:45 | 2.280 |
| 01.03.2020 | 18:45 | 19:00 | 2.291 |
| 01.03.2020 | 19:00 | 19:15 | 2.277 |
| 01.03.2020 | 19:15 | 19:30 | 2.226 |
| 01.03.2020 | 19:30 | 19:45 | 2.213 |
| 01.03.2020 | 19:45 | 20:00 | 2.123 |
| 01.03.2020 | 20:00 | 20:15 | 2.037 |
| 01.03.2020 | 20:15 | 20:30 | 1.939 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.03.2020 | 20:30 | 20:45 | 1.846 |
| 01.03.2020 | 20:45 | 21:00 | 1.806 |
| 01.03.2020 | 21:00 | 21:15 | 1.722 |
| 01.03.2020 | 21:15 | 21:30 | 1.666 |
| 01.03.2020 | 21:30 | 21:45 | 1.590 |
| 01.03.2020 | 21:45 | 22:00 | 1.570 |
| 01.03.2020 | 22:00 | 22:15 | 1.633 |
| 01.03.2020 | 22:15 | 22:30 | 1.573 |
| 01.03.2020 | 22:30 | 22:45 | 1.501 |
| 01.03.2020 | 22:45 | 23:00 | 1.433 |
| 01.03.2020 | 23:00 | 23:15 | 1.374 |
| 01.03.2020 | 23:15 | 23:30 | 1.342 |
| 01.03.2020 | 23:30 | 23:45 | 1.290 |
| 01.03.2020 | 23:45 | 00:00 | 1.216 |
| 02.03.2020 | 00:00 | 00:15 | 1.169 |
| 02.03.2020 | 00:15 | 00:30 | 1.144 |
| 02.03.2020 | 00:30 | 00:45 | 1.108 |
| 02.03.2020 | 00:45 | 01:00 | 1.082 |
| 02.03.2020 | 01:00 | 01:15 | 1.050 |
| 02.03.2020 | 01:15 | 01:30 | 1.029 |
| 02.03.2020 | 01:30 | 01:45 | 1.025 |
| 02.03.2020 | 01:45 | 02:00 | 1.012 |
| 02.03.2020 | 02:00 | 02:15 | 996 |
| 02.03.2020 | 02:15 | 02:30 | 995 |
| 02.03.2020 | 02:30 | 02:45 | 986 |
| 02.03.2020 | 02:45 | 03:00 | 978 |
| 02.03.2020 | 03:00 | 03:15 | 982 |
| 02.03.2020 | 03:15 | 03:30 | 980 |
| 02.03.2020 | 03:30 | 03:45 | 995 |
| 02.03.2020 | 03:45 | 04:00 | 1.015 |
| 02.03.2020 | 04:00 | 04:15 | 1.035 |
| 02.03.2020 | 04:15 | 04:30 | 1.050 |
| 02.03.2020 | 04:30 | 04:45 | 1.081 |
| 02.03.2020 | 04:45 | 05:00 | 1.116 |
| 02.03.2020 | 05:00 | 05:15 | 1.197 |
| 02.03.2020 | 05:15 | 05:30 | 1.256 |
| 02.03.2020 | 05:30 | 05:45 | 1.332 |
| 02.03.2020 | 05:45 | 06:00 | 1.438 |
| 02.03.2020 | 06:00 | 06:15 | 1.577 |
| 02.03.2020 | 06:15 | 06:30 | 1.769 |
| 02.03.2020 | 06:30 | 06:45 | 1.897 |
| 02.03.2020 | 06:45 | 07:00 | 2.012 |
| 02.03.2020 | 07:00 | 07:15 | 2.088 |
| 02.03.2020 | 07:15 | 07:30 | 2.150 |
| 02.03.2020 | 07:30 | 07:45 | 2.165 |
| 02.03.2020 | 07:45 | 08:00 | 2.207 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 02.03.2020 | 08:00 | 08:15 | 2.270 |
| 02.03.2020 | 08:15 | 08:30 | 2.275 |
| 02.03.2020 | 08:30 | 08:45 | 2.335 |
| 02.03.2020 | 08:45 | 09:00 | 2.353 |
| 02.03.2020 | 09:00 | 09:15 | 2.367 |
| 02.03.2020 | 09:15 | 09:30 | 2.381 |
| 02.03.2020 | 09:30 | 09:45 | 2.450 |
| 02.03.2020 | 09:45 | 10:00 | 2.484 |
| 02.03.2020 | 10:00 | 10:15 | 2.501 |
| 02.03.2020 | 10:15 | 10:30 | 2.504 |
| 02.03.2020 | 10:30 | 10:45 | 2.534 |
| 02.03.2020 | 10:45 | 11:00 | 2.539 |
| 02.03.2020 | 11:00 | 11:15 | 2.541 |
| 02.03.2020 | 11:15 | 11:30 | 2.582 |
| 02.03.2020 | 11:30 | 11:45 | 2.592 |
| 02.03.2020 | 11:45 | 12:00 | 2.614 |
| 02.03.2020 | 12:00 | 12:15 | 2.650 |
| 02.03.2020 | 12:15 | 12:30 | 2.681 |
| 02.03.2020 | 12:30 | 12:45 | 2.680 |
| 02.03.2020 | 12:45 | 13:00 | 2.656 |
| 02.03.2020 | 13:00 | 13:15 | 2.644 |
| 02.03.2020 | 13:15 | 13:30 | 2.660 |
| 02.03.2020 | 13:30 | 13:45 | 2.620 |
| 02.03.2020 | 13:45 | 14:00 | 2.555 |
| 02.03.2020 | 14:00 | 14:15 | 2.547 |
| 02.03.2020 | 14:15 | 14:30 | 2.531 |
| 02.03.2020 | 14:30 | 14:45 | 2.507 |
| 02.03.2020 | 14:45 | 15:00 | 2.477 |
| 02.03.2020 | 15:00 | 15:15 | 2.469 |
| 02.03.2020 | 15:15 | 15:30 | 2.477 |
| 02.03.2020 | 15:30 | 15:45 | 2.471 |
| 02.03.2020 | 15:45 | 16:00 | 2.450 |
| 02.03.2020 | 16:00 | 16:15 | 2.456 |
| 02.03.2020 | 16:15 | 16:30 | 2.481 |
| 02.03.2020 | 16:30 | 16:45 | 2.473 |
| 02.03.2020 | 16:45 | 17:00 | 2.476 |
| 02.03.2020 | 17:00 | 17:15 | 2.580 |
| 02.03.2020 | 17:15 | 17:30 | 2.629 |
| 02.03.2020 | 17:30 | 17:45 | 2.670 |
| 02.03.2020 | 17:45 | 18:00 | 2.705 |
| 02.03.2020 | 18:00 | 18:15 | 2.781 |
| 02.03.2020 | 18:15 | 18:30 | 2.893 |
| 02.03.2020 | 18:30 | 18:45 | 2.986 |
| 02.03.2020 | 18:45 | 19:00 | 2.997 |
| 02.03.2020 | 19:00 | 19:15 | 2.936 |
| 02.03.2020 | 19:15 | 19:30 | 2.870 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.03.2020 | 19:30 | 19:45 | 2.776 |
| 02.03.2020 | 19:45 | 20:00 | 2.708 |
| 02.03.2020 | 20:00 | 20:15 | 2.607 |
| 02.03.2020 | 20:15 | 20:30 | 2.476 |
| 02.03.2020 | 20:30 | 20:45 | 2.351 |
| 02.03.2020 | 20:45 | 21:00 | 2.205 |
| 02.03.2020 | 21:00 | 21:15 | 2.072 |
| 02.03.2020 | 21:15 | 21:30 | 1.970 |
| 02.03.2020 | 21:30 | 21:45 | 1.895 |
| 02.03.2020 | 21:45 | 22:00 | 1.829 |
| 02.03.2020 | 22:00 | 22:15 | 1.871 |
| 02.03.2020 | 22:15 | 22:30 | 1.766 |
| 02.03.2020 | 22:30 | 22:45 | 1.718 |
| 02.03.2020 | 22:45 | 23:00 | 1.645 |
| 02.03.2020 | 23:00 | 23:15 | 1.550 |
| 02.03.2020 | 23:15 | 23:30 | 1.503 |
| 02.03.2020 | 23:30 | 23:45 | 1.430 |
| 02.03.2020 | 23:45 | 00:00 | 1.376 |
| 03.03.2020 | 00:00 | 00:15 | 1.325 |
| 03.03.2020 | 00:15 | 00:30 | 1.292 |
| 03.03.2020 | 00:30 | 00:45 | 1.257 |
| 03.03.2020 | 00:45 | 01:00 | 1.216 |
| 03.03.2020 | 01:00 | 01:15 | 1.190 |
| 03.03.2020 | 01:15 | 01:30 | 1.161 |
| 03.03.2020 | 01:30 | 01:45 | 1.125 |
| 03.03.2020 | 01:45 | 02:00 | 1.114 |
| 03.03.2020 | 02:00 | 02:15 | 1.111 |
| 03.03.2020 | 02:15 | 02:30 | 1.094 |
| 03.03.2020 | 02:30 | 02:45 | 1.085 |
| 03.03.2020 | 02:45 | 03:00 | 1.086 |
| 03.03.2020 | 03:00 | 03:15 | 1.090 |
| 03.03.2020 | 03:15 | 03:30 | 1.065 |
| 03.03.2020 | 03:30 | 03:45 | 1.073 |
| 03.03.2020 | 03:45 | 04:00 | 1.086 |
| 03.03.2020 | 04:00 | 04:15 | 1.114 |
| 03.03.2020 | 04:15 | 04:30 | 1.133 |
| 03.03.2020 | 04:30 | 04:45 | 1.170 |
| 03.03.2020 | 04:45 | 05:00 | 1.200 |
| 03.03.2020 | 05:00 | 05:15 | 1.273 |
| 03.03.2020 | 05:15 | 05:30 | 1.332 |
| 03.03.2020 | 05:30 | 05:45 | 1.395 |
| 03.03.2020 | 05:45 | 06:00 | 1.503 |
| 03.03.2020 | 06:00 | 06:15 | 1.636 |
| 03.03.2020 | 06:15 | 06:30 | 1.811 |
| 03.03.2020 | 06:30 | 06:45 | 1.938 |
| 03.03.2020 | 06:45 | 07:00 | 2.048 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.03.2020 | 07:00 | 07:15 | 2.135 |
| 03.03.2020 | 07:15 | 07:30 | 2.166 |
| 03.03.2020 | 07:30 | 07:45 | 2.202 |
| 03.03.2020 | 07:45 | 08:00 | 2.246 |
| 03.03.2020 | 08:00 | 08:15 | 2.341 |
| 03.03.2020 | 08:15 | 08:30 | 2.368 |
| 03.03.2020 | 08:30 | 08:45 | 2.405 |
| 03.03.2020 | 08:45 | 09:00 | 2.400 |
| 03.03.2020 | 09:00 | 09:15 | 2.424 |
| 03.03.2020 | 09:15 | 09:30 | 2.454 |
| 03.03.2020 | 09:30 | 09:45 | 2.483 |
| 03.03.2020 | 09:45 | 10:00 | 2.487 |
| 03.03.2020 | 10:00 | 10:15 | 2.489 |
| 03.03.2020 | 10:15 | 10:30 | 2.475 |
| 03.03.2020 | 10:30 | 10:45 | 2.592 |
| 03.03.2020 | 10:45 | 11:00 | 2.627 |
| 03.03.2020 | 11:00 | 11:15 | 2.651 |
| 03.03.2020 | 11:15 | 11:30 | 2.652 |
| 03.03.2020 | 11:30 | 11:45 | 2.643 |
| 03.03.2020 | 11:45 | 12:00 | 2.635 |
| 03.03.2020 | 12:00 | 12:15 | 2.605 |
| 03.03.2020 | 12:15 | 12:30 | 2.595 |
| 03.03.2020 | 12:30 | 12:45 | 2.615 |
| 03.03.2020 | 12:45 | 13:00 | 2.680 |
| 03.03.2020 | 13:00 | 13:15 | 2.715 |
| 03.03.2020 | 13:15 | 13:30 | 2.668 |
| 03.03.2020 | 13:30 | 13:45 | 2.601 |
| 03.03.2020 | 13:45 | 14:00 | 2.516 |
| 03.03.2020 | 14:00 | 14:15 | 2.477 |
| 03.03.2020 | 14:15 | 14:30 | 2.451 |
| 03.03.2020 | 14:30 | 14:45 | 2.416 |
| 03.03.2020 | 14:45 | 15:00 | 2.373 |
| 03.03.2020 | 15:00 | 15:15 | 2.374 |
| 03.03.2020 | 15:15 | 15:30 | 2.398 |
| 03.03.2020 | 15:30 | 15:45 | 2.330 |
| 03.03.2020 | 15:45 | 16:00 | 2.349 |
| 03.03.2020 | 16:00 | 16:15 | 2.403 |
| 03.03.2020 | 16:15 | 16:30 | 2.431 |
| 03.03.2020 | 16:30 | 16:45 | 2.438 |
| 03.03.2020 | 16:45 | 17:00 | 2.431 |
| 03.03.2020 | 17:00 | 17:15 | 2.463 |
| 03.03.2020 | 17:15 | 17:30 | 2.473 |
| 03.03.2020 | 17:30 | 17:45 | 2.476 |
| 03.03.2020 | 17:45 | 18:00 | 2.561 |
| 03.03.2020 | 18:00 | 18:15 | 2.649 |
| 03.03.2020 | 18:15 | 18:30 | 2.803 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.03.2020 | 18:30 | 18:45 | 2.944 |
| 03.03.2020 | 18:45 | 19:00 | 2.991 |
| 03.03.2020 | 19:00 | 19:15 | 2.979 |
| 03.03.2020 | 19:15 | 19:30 | 2.952 |
| 03.03.2020 | 19:30 | 19:45 | 2.871 |
| 03.03.2020 | 19:45 | 20:00 | 2.777 |
| 03.03.2020 | 20:00 | 20:15 | 2.614 |
| 03.03.2020 | 20:15 | 20:30 | 2.550 |
| 03.03.2020 | 20:30 | 20:45 | 2.461 |
| 03.03.2020 | 20:45 | 21:00 | 2.332 |
| 03.03.2020 | 21:00 | 21:15 | 2.204 |
| 03.03.2020 | 21:15 | 21:30 | 2.092 |
| 03.03.2020 | 21:30 | 21:45 | 2.021 |
| 03.03.2020 | 21:45 | 22:00 | 1.882 |
| 03.03.2020 | 22:00 | 22:15 | 1.876 |
| 03.03.2020 | 22:15 | 22:30 | 1.800 |
| 03.03.2020 | 22:30 | 22:45 | 1.750 |
| 03.03.2020 | 22:45 | 23:00 | 1.677 |
| 03.03.2020 | 23:00 | 23:15 | 1.583 |
| 03.03.2020 | 23:15 | 23:30 | 1.538 |
| 03.03.2020 | 23:30 | 23:45 | 1.473 |
| 03.03.2020 | 23:45 | 00:00 | 1.411 |
| 04.03.2020 | 00:00 | 00:15 | 1.342 |
| 04.03.2020 | 00:15 | 00:30 | 1.315 |
| 04.03.2020 | 00:30 | 00:45 | 1.261 |
| 04.03.2020 | 00:45 | 01:00 | 1.235 |
| 04.03.2020 | 01:00 | 01:15 | 1.194 |
| 04.03.2020 | 01:15 | 01:30 | 1.169 |
| 04.03.2020 | 01:30 | 01:45 | 1.139 |
| 04.03.2020 | 01:45 | 02:00 | 1.122 |
| 04.03.2020 | 02:00 | 02:15 | 1.110 |
| 04.03.2020 | 02:15 | 02:30 | 1.085 |
| 04.03.2020 | 02:30 | 02:45 | 1.072 |
| 04.03.2020 | 02:45 | 03:00 | 1.064 |
| 04.03.2020 | 03:00 | 03:15 | 1.059 |
| 04.03.2020 | 03:15 | 03:30 | 1.061 |
| 04.03.2020 | 03:30 | 03:45 | 1.075 |
| 04.03.2020 | 03:45 | 04:00 | 1.090 |
| 04.03.2020 | 04:00 | 04:15 | 1.117 |
| 04.03.2020 | 04:15 | 04:30 | 1.134 |
| 04.03.2020 | 04:30 | 04:45 | 1.156 |
| 04.03.2020 | 04:45 | 05:00 | 1.199 |
| 04.03.2020 | 05:00 | 05:15 | 1.279 |
| 04.03.2020 | 05:15 | 05:30 | 1.331 |
| 04.03.2020 | 05:30 | 05:45 | 1.391 |
| 04.03.2020 | 05:45 | 06:00 | 1.497 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.03.2020 | 06:00 | 06:15 | 1.636 |
| 04.03.2020 | 06:15 | 06:30 | 1.778 |
| 04.03.2020 | 06:30 | 06:45 | 1.942 |
| 04.03.2020 | 06:45 | 07:00 | 2.070 |
| 04.03.2020 | 07:00 | 07:15 | 2.156 |
| 04.03.2020 | 07:15 | 07:30 | 2.199 |
| 04.03.2020 | 07:30 | 07:45 | 2.208 |
| 04.03.2020 | 07:45 | 08:00 | 2.267 |
| 04.03.2020 | 08:00 | 08:15 | 2.337 |
| 04.03.2020 | 08:15 | 08:30 | 2.360 |
| 04.03.2020 | 08:30 | 08:45 | 2.428 |
| 04.03.2020 | 08:45 | 09:00 | 2.445 |
| 04.03.2020 | 09:00 | 09:15 | 2.501 |
| 04.03.2020 | 09:15 | 09:30 | 2.562 |
| 04.03.2020 | 09:30 | 09:45 | 2.571 |
| 04.03.2020 | 09:45 | 10:00 | 2.595 |
| 04.03.2020 | 10:00 | 10:15 | 2.629 |
| 04.03.2020 | 10:15 | 10:30 | 2.607 |
| 04.03.2020 | 10:30 | 10:45 | 2.602 |
| 04.03.2020 | 10:45 | 11:00 | 2.627 |
| 04.03.2020 | 11:00 | 11:15 | 2.638 |
| 04.03.2020 | 11:15 | 11:30 | 2.709 |
| 04.03.2020 | 11:30 | 11:45 | 2.723 |
| 04.03.2020 | 11:45 | 12:00 | 2.744 |
| 04.03.2020 | 12:00 | 12:15 | 2.694 |
| 04.03.2020 | 12:15 | 12:30 | 2.705 |
| 04.03.2020 | 12:30 | 12:45 | 2.746 |
| 04.03.2020 | 12:45 | 13:00 | 2.770 |
| 04.03.2020 | 13:00 | 13:15 | 2.662 |
| 04.03.2020 | 13:15 | 13:30 | 2.618 |
| 04.03.2020 | 13:30 | 13:45 | 2.607 |
| 04.03.2020 | 13:45 | 14:00 | 2.568 |
| 04.03.2020 | 14:00 | 14:15 | 2.492 |
| 04.03.2020 | 14:15 | 14:30 | 2.467 |
| 04.03.2020 | 14:30 | 14:45 | 2.467 |
| 04.03.2020 | 14:45 | 15:00 | 2.434 |
| 04.03.2020 | 15:00 | 15:15 | 2.460 |
| 04.03.2020 | 15:15 | 15:30 | 2.423 |
| 04.03.2020 | 15:30 | 15:45 | 2.412 |
| 04.03.2020 | 15:45 | 16:00 | 2.418 |
| 04.03.2020 | 16:00 | 16:15 | 2.448 |
| 04.03.2020 | 16:15 | 16:30 | 2.479 |
| 04.03.2020 | 16:30 | 16:45 | 2.532 |
| 04.03.2020 | 16:45 | 17:00 | 2.502 |
| 04.03.2020 | 17:00 | 17:15 | 2.501 |
| 04.03.2020 | 17:15 | 17:30 | 2.524 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.03.2020 | 17:30 | 17:45 | 2.556 |
| 04.03.2020 | 17:45 | 18:00 | 2.591 |
| 04.03.2020 | 18:00 | 18:15 | 2.657 |
| 04.03.2020 | 18:15 | 18:30 | 2.786 |
| 04.03.2020 | 18:30 | 18:45 | 2.924 |
| 04.03.2020 | 18:45 | 19:00 | 2.978 |
| 04.03.2020 | 19:00 | 19:15 | 2.999 |
| 04.03.2020 | 19:15 | 19:30 | 2.987 |
| 04.03.2020 | 19:30 | 19:45 | 2.893 |
| 04.03.2020 | 19:45 | 20:00 | 2.789 |
| 04.03.2020 | 20:00 | 20:15 | 2.669 |
| 04.03.2020 | 20:15 | 20:30 | 2.549 |
| 04.03.2020 | 20:30 | 20:45 | 2.466 |
| 04.03.2020 | 20:45 | 21:00 | 2.306 |
| 04.03.2020 | 21:00 | 21:15 | 2.175 |
| 04.03.2020 | 21:15 | 21:30 | 2.067 |
| 04.03.2020 | 21:30 | 21:45 | 1.954 |
| 04.03.2020 | 21:45 | 22:00 | 1.876 |
| 04.03.2020 | 22:00 | 22:15 | 1.912 |
| 04.03.2020 | 22:15 | 22:30 | 1.829 |
| 04.03.2020 | 22:30 | 22:45 | 1.772 |
| 04.03.2020 | 22:45 | 23:00 | 1.670 |
| 04.03.2020 | 23:00 | 23:15 | 1.600 |
| 04.03.2020 | 23:15 | 23:30 | 1.539 |
| 04.03.2020 | 23:30 | 23:45 | 1.468 |
| 04.03.2020 | 23:45 | 00:00 | 1.406 |
| 05.03.2020 | 00:00 | 00:15 | 1.357 |
| 05.03.2020 | 00:15 | 00:30 | 1.313 |
| 05.03.2020 | 00:30 | 00:45 | 1.269 |
| 05.03.2020 | 00:45 | 01:00 | 1.237 |
| 05.03.2020 | 01:00 | 01:15 | 1.202 |
| 05.03.2020 | 01:15 | 01:30 | 1.183 |
| 05.03.2020 | 01:30 | 01:45 | 1.156 |
| 05.03.2020 | 01:45 | 02:00 | 1.131 |
| 05.03.2020 | 02:00 | 02:15 | 1.127 |
| 05.03.2020 | 02:15 | 02:30 | 1.115 |
| 05.03.2020 | 02:30 | 02:45 | 1.105 |
| 05.03.2020 | 02:45 | 03:00 | 1.085 |
| 05.03.2020 | 03:00 | 03:15 | 1.077 |
| 05.03.2020 | 03:15 | 03:30 | 1.076 |
| 05.03.2020 | 03:30 | 03:45 | 1.076 |
| 05.03.2020 | 03:45 | 04:00 | 1.078 |
| 05.03.2020 | 04:00 | 04:15 | 1.109 |
| 05.03.2020 | 04:15 | 04:30 | 1.143 |
| 05.03.2020 | 04:30 | 04:45 | 1.168 |
| 05.03.2020 | 04:45 | 05:00 | 1.220 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.03.2020 | 05:00 | 05:15 | 1.286 |
| 05.03.2020 | 05:15 | 05:30 | 1.332 |
| 05.03.2020 | 05:30 | 05:45 | 1.393 |
| 05.03.2020 | 05:45 | 06:00 | 1.509 |
| 05.03.2020 | 06:00 | 06:15 | 1.621 |
| 05.03.2020 | 06:15 | 06:30 | 1.766 |
| 05.03.2020 | 06:30 | 06:45 | 1.905 |
| 05.03.2020 | 06:45 | 07:00 | 2.012 |
| 05.03.2020 | 07:00 | 07:15 | 2.106 |
| 05.03.2020 | 07:15 | 07:30 | 2.225 |
| 05.03.2020 | 07:30 | 07:45 | 2.240 |
| 05.03.2020 | 07:45 | 08:00 | 2.224 |
| 05.03.2020 | 08:00 | 08:15 | 2.293 |
| 05.03.2020 | 08:15 | 08:30 | 2.352 |
| 05.03.2020 | 08:30 | 08:45 | 2.387 |
| 05.03.2020 | 08:45 | 09:00 | 2.404 |
| 05.03.2020 | 09:00 | 09:15 | 2.474 |
| 05.03.2020 | 09:15 | 09:30 | 2.503 |
| 05.03.2020 | 09:30 | 09:45 | 2.514 |
| 05.03.2020 | 09:45 | 10:00 | 2.543 |
| 05.03.2020 | 10:00 | 10:15 | 2.540 |
| 05.03.2020 | 10:15 | 10:30 | 2.558 |
| 05.03.2020 | 10:30 | 10:45 | 2.603 |
| 05.03.2020 | 10:45 | 11:00 | 2.622 |
| 05.03.2020 | 11:00 | 11:15 | 2.671 |
| 05.03.2020 | 11:15 | 11:30 | 2.706 |
| 05.03.2020 | 11:30 | 11:45 | 2.699 |
| 05.03.2020 | 11:45 | 12:00 | 2.717 |
| 05.03.2020 | 12:00 | 12:15 | 2.753 |
| 05.03.2020 | 12:15 | 12:30 | 2.746 |
| 05.03.2020 | 12:30 | 12:45 | 2.774 |
| 05.03.2020 | 12:45 | 13:00 | 2.769 |
| 05.03.2020 | 13:00 | 13:15 | 2.752 |
| 05.03.2020 | 13:15 | 13:30 | 2.720 |
| 05.03.2020 | 13:30 | 13:45 | 2.687 |
| 05.03.2020 | 13:45 | 14:00 | 2.637 |
| 05.03.2020 | 14:00 | 14:15 | 2.617 |
| 05.03.2020 | 14:15 | 14:30 | 2.612 |
| 05.03.2020 | 14:30 | 14:45 | 2.613 |
| 05.03.2020 | 14:45 | 15:00 | 2.617 |
| 05.03.2020 | 15:00 | 15:15 | 2.551 |
| 05.03.2020 | 15:15 | 15:30 | 2.533 |
| 05.03.2020 | 15:30 | 15:45 | 2.537 |
| 05.03.2020 | 15:45 | 16:00 | 2.520 |
| 05.03.2020 | 16:00 | 16:15 | 2.560 |
| 05.03.2020 | 16:15 | 16:30 | 2.553 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.03.2020 | 16:30 | 16:45 | 2.567 |
| 05.03.2020 | 16:45 | 17:00 | 2.612 |
| 05.03.2020 | 17:00 | 17:15 | 2.647 |
| 05.03.2020 | 17:15 | 17:30 | 2.719 |
| 05.03.2020 | 17:30 | 17:45 | 2.759 |
| 05.03.2020 | 17:45 | 18:00 | 2.796 |
| 05.03.2020 | 18:00 | 18:15 | 2.843 |
| 05.03.2020 | 18:15 | 18:30 | 2.904 |
| 05.03.2020 | 18:30 | 18:45 | 3.034 |
| 05.03.2020 | 18:45 | 19:00 | 3.072 |
| 05.03.2020 | 19:00 | 19:15 | 2.986 |
| 05.03.2020 | 19:15 | 19:30 | 2.939 |
| 05.03.2020 | 19:30 | 19:45 | 2.836 |
| 05.03.2020 | 19:45 | 20:00 | 2.766 |
| 05.03.2020 | 20:00 | 20:15 | 2.624 |
| 05.03.2020 | 20:15 | 20:30 | 2.516 |
| 05.03.2020 | 20:30 | 20:45 | 2.402 |
| 05.03.2020 | 20:45 | 21:00 | 2.292 |
| 05.03.2020 | 21:00 | 21:15 | 2.149 |
| 05.03.2020 | 21:15 | 21:30 | 2.055 |
| 05.03.2020 | 21:30 | 21:45 | 1.961 |
| 05.03.2020 | 21:45 | 22:00 | 1.886 |
| 05.03.2020 | 22:00 | 22:15 | 1.891 |
| 05.03.2020 | 22:15 | 22:30 | 1.806 |
| 05.03.2020 | 22:30 | 22:45 | 1.737 |
| 05.03.2020 | 22:45 | 23:00 | 1.669 |
| 05.03.2020 | 23:00 | 23:15 | 1.596 |
| 05.03.2020 | 23:15 | 23:30 | 1.528 |
| 05.03.2020 | 23:30 | 23:45 | 1.467 |
| 05.03.2020 | 23:45 | 00:00 | 1.409 |
| 06.03.2020 | 00:00 | 00:15 | 1.360 |
| 06.03.2020 | 00:15 | 00:30 | 1.314 |
| 06.03.2020 | 00:30 | 00:45 | 1.280 |
| 06.03.2020 | 00:45 | 01:00 | 1.236 |
| 06.03.2020 | 01:00 | 01:15 | 1.201 |
| 06.03.2020 | 01:15 | 01:30 | 1.171 |
| 06.03.2020 | 01:30 | 01:45 | 1.147 |
| 06.03.2020 | 01:45 | 02:00 | 1.130 |
| 06.03.2020 | 02:00 | 02:15 | 1.119 |
| 06.03.2020 | 02:15 | 02:30 | 1.092 |
| 06.03.2020 | 02:30 | 02:45 | 1.076 |
| 06.03.2020 | 02:45 | 03:00 | 1.060 |
| 06.03.2020 | 03:00 | 03:15 | 1.056 |
| 06.03.2020 | 03:15 | 03:30 | 1.053 |
| 06.03.2020 | 03:30 | 03:45 | 1.062 |
| 06.03.2020 | 03:45 | 04:00 | 1.076 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.03.2020 | 04:00 | 04:15 | 1.108 |
| 06.03.2020 | 04:15 | 04:30 | 1.131 |
| 06.03.2020 | 04:30 | 04:45 | 1.160 |
| 06.03.2020 | 04:45 | 05:00 | 1.213 |
| 06.03.2020 | 05:00 | 05:15 | 1.275 |
| 06.03.2020 | 05:15 | 05:30 | 1.319 |
| 06.03.2020 | 05:30 | 05:45 | 1.390 |
| 06.03.2020 | 05:45 | 06:00 | 1.503 |
| 06.03.2020 | 06:00 | 06:15 | 1.610 |
| 06.03.2020 | 06:15 | 06:30 | 1.770 |
| 06.03.2020 | 06:30 | 06:45 | 1.900 |
| 06.03.2020 | 06:45 | 07:00 | 2.053 |
| 06.03.2020 | 07:00 | 07:15 | 2.131 |
| 06.03.2020 | 07:15 | 07:30 | 2.218 |
| 06.03.2020 | 07:30 | 07:45 | 2.246 |
| 06.03.2020 | 07:45 | 08:00 | 2.271 |
| 06.03.2020 | 08:00 | 08:15 | 2.361 |
| 06.03.2020 | 08:15 | 08:30 | 2.375 |
| 06.03.2020 | 08:30 | 08:45 | 2.422 |
| 06.03.2020 | 08:45 | 09:00 | 2.460 |
| 06.03.2020 | 09:00 | 09:15 | 2.538 |
| 06.03.2020 | 09:15 | 09:30 | 2.587 |
| 06.03.2020 | 09:30 | 09:45 | 2.592 |
| 06.03.2020 | 09:45 | 10:00 | 2.617 |
| 06.03.2020 | 10:00 | 10:15 | 2.669 |
| 06.03.2020 | 10:15 | 10:30 | 2.671 |
| 06.03.2020 | 10:30 | 10:45 | 2.701 |
| 06.03.2020 | 10:45 | 11:00 | 2.737 |
| 06.03.2020 | 11:00 | 11:15 | 2.775 |
| 06.03.2020 | 11:15 | 11:30 | 2.806 |
| 06.03.2020 | 11:30 | 11:45 | 2.790 |
| 06.03.2020 | 11:45 | 12:00 | 2.799 |
| 06.03.2020 | 12:00 | 12:15 | 2.854 |
| 06.03.2020 | 12:15 | 12:30 | 2.895 |
| 06.03.2020 | 12:30 | 12:45 | 2.866 |
| 06.03.2020 | 12:45 | 13:00 | 2.870 |
| 06.03.2020 | 13:00 | 13:15 | 2.856 |
| 06.03.2020 | 13:15 | 13:30 | 2.848 |
| 06.03.2020 | 13:30 | 13:45 | 2.808 |
| 06.03.2020 | 13:45 | 14:00 | 2.770 |
| 06.03.2020 | 14:00 | 14:15 | 2.706 |
| 06.03.2020 | 14:15 | 14:30 | 2.699 |
| 06.03.2020 | 14:30 | 14:45 | 2.647 |
| 06.03.2020 | 14:45 | 15:00 | 2.622 |
| 06.03.2020 | 15:00 | 15:15 | 2.589 |
| 06.03.2020 | 15:15 | 15:30 | 2.615 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.03.2020 | 15:30 | 15:45 | 2.626 |
| 06.03.2020 | 15:45 | 16:00 | 2.578 |
| 06.03.2020 | 16:00 | 16:15 | 2.632 |
| 06.03.2020 | 16:15 | 16:30 | 2.631 |
| 06.03.2020 | 16:30 | 16:45 | 2.613 |
| 06.03.2020 | 16:45 | 17:00 | 2.597 |
| 06.03.2020 | 17:00 | 17:15 | 2.670 |
| 06.03.2020 | 17:15 | 17:30 | 2.767 |
| 06.03.2020 | 17:30 | 17:45 | 2.767 |
| 06.03.2020 | 17:45 | 18:00 | 2.750 |
| 06.03.2020 | 18:00 | 18:15 | 2.740 |
| 06.03.2020 | 18:15 | 18:30 | 2.800 |
| 06.03.2020 | 18:30 | 18:45 | 2.842 |
| 06.03.2020 | 18:45 | 19:00 | 2.917 |
| 06.03.2020 | 19:00 | 19:15 | 2.867 |
| 06.03.2020 | 19:15 | 19:30 | 2.808 |
| 06.03.2020 | 19:30 | 19:45 | 2.726 |
| 06.03.2020 | 19:45 | 20:00 | 2.662 |
| 06.03.2020 | 20:00 | 20:15 | 2.537 |
| 06.03.2020 | 20:15 | 20:30 | 2.399 |
| 06.03.2020 | 20:30 | 20:45 | 2.309 |
| 06.03.2020 | 20:45 | 21:00 | 2.201 |
| 06.03.2020 | 21:00 | 21:15 | 2.118 |
| 06.03.2020 | 21:15 | 21:30 | 2.048 |
| 06.03.2020 | 21:30 | 21:45 | 1.932 |
| 06.03.2020 | 21:45 | 22:00 | 1.854 |
| 06.03.2020 | 22:00 | 22:15 | 1.898 |
| 06.03.2020 | 22:15 | 22:30 | 1.838 |
| 06.03.2020 | 22:30 | 22:45 | 1.795 |
| 06.03.2020 | 22:45 | 23:00 | 1.735 |
| 06.03.2020 | 23:00 | 23:15 | 1.676 |
| 06.03.2020 | 23:15 | 23:30 | 1.636 |
| 06.03.2020 | 23:30 | 23:45 | 1.550 |
| 06.03.2020 | 23:45 | 00:00 | 1.462 |
| 07.03.2020 | 00:00 | 00:15 | 1.405 |
| 07.03.2020 | 00:15 | 00:30 | 1.363 |
| 07.03.2020 | 00:30 | 00:45 | 1.320 |
| 07.03.2020 | 00:45 | 01:00 | 1.271 |
| 07.03.2020 | 01:00 | 01:15 | 1.225 |
| 07.03.2020 | 01:15 | 01:30 | 1.189 |
| 07.03.2020 | 01:30 | 01:45 | 1.150 |
| 07.03.2020 | 01:45 | 02:00 | 1.126 |
| 07.03.2020 | 02:00 | 02:15 | 1.102 |
| 07.03.2020 | 02:15 | 02:30 | 1.088 |
| 07.03.2020 | 02:30 | 02:45 | 1.075 |
| 07.03.2020 | 02:45 | 03:00 | 1.064 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.03.2020 | 03:00 | 03:15 | 1.071 |
| 07.03.2020 | 03:15 | 03:30 | 1.061 |
| 07.03.2020 | 03:30 | 03:45 | 1.064 |
| 07.03.2020 | 03:45 | 04:00 | 1.065 |
| 07.03.2020 | 04:00 | 04:15 | 1.069 |
| 07.03.2020 | 04:15 | 04:30 | 1.072 |
| 07.03.2020 | 04:30 | 04:45 | 1.084 |
| 07.03.2020 | 04:45 | 05:00 | 1.097 |
| 07.03.2020 | 05:00 | 05:15 | 1.121 |
| 07.03.2020 | 05:15 | 05:30 | 1.122 |
| 07.03.2020 | 05:30 | 05:45 | 1.122 |
| 07.03.2020 | 05:45 | 06:00 | 1.161 |
| 07.03.2020 | 06:00 | 06:15 | 1.168 |
| 07.03.2020 | 06:15 | 06:30 | 1.212 |
| 07.03.2020 | 06:30 | 06:45 | 1.248 |
| 07.03.2020 | 06:45 | 07:00 | 1.250 |
| 07.03.2020 | 07:00 | 07:15 | 1.293 |
| 07.03.2020 | 07:15 | 07:30 | 1.339 |
| 07.03.2020 | 07:30 | 07:45 | 1.426 |
| 07.03.2020 | 07:45 | 08:00 | 1.512 |
| 07.03.2020 | 08:00 | 08:15 | 1.597 |
| 07.03.2020 | 08:15 | 08:30 | 1.670 |
| 07.03.2020 | 08:30 | 08:45 | 1.737 |
| 07.03.2020 | 08:45 | 09:00 | 1.806 |
| 07.03.2020 | 09:00 | 09:15 | 1.885 |
| 07.03.2020 | 09:15 | 09:30 | 1.964 |
| 07.03.2020 | 09:30 | 09:45 | 2.030 |
| 07.03.2020 | 09:45 | 10:00 | 2.088 |
| 07.03.2020 | 10:00 | 10:15 | 2.152 |
| 07.03.2020 | 10:15 | 10:30 | 2.170 |
| 07.03.2020 | 10:30 | 10:45 | 2.185 |
| 07.03.2020 | 10:45 | 11:00 | 2.231 |
| 07.03.2020 | 11:00 | 11:15 | 2.217 |
| 07.03.2020 | 11:15 | 11:30 | 2.208 |
| 07.03.2020 | 11:30 | 11:45 | 2.240 |
| 07.03.2020 | 11:45 | 12:00 | 2.205 |
| 07.03.2020 | 12:00 | 12:15 | 2.217 |
| 07.03.2020 | 12:15 | 12:30 | 2.205 |
| 07.03.2020 | 12:30 | 12:45 | 2.194 |
| 07.03.2020 | 12:45 | 13:00 | 2.171 |
| 07.03.2020 | 13:00 | 13:15 | 2.199 |
| 07.03.2020 | 13:15 | 13:30 | 2.144 |
| 07.03.2020 | 13:30 | 13:45 | 2.135 |
| 07.03.2020 | 13:45 | 14:00 | 2.108 |
| 07.03.2020 | 14:00 | 14:15 | 2.084 |
| 07.03.2020 | 14:15 | 14:30 | 2.085 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.03.2020 | 14:30 | 14:45 | 2.031 |
| 07.03.2020 | 14:45 | 15:00 | 1.942 |
| 07.03.2020 | 15:00 | 15:15 | 1.945 |
| 07.03.2020 | 15:15 | 15:30 | 2.005 |
| 07.03.2020 | 15:30 | 15:45 | 1.999 |
| 07.03.2020 | 15:45 | 16:00 | 1.982 |
| 07.03.2020 | 16:00 | 16:15 | 1.935 |
| 07.03.2020 | 16:15 | 16:30 | 1.957 |
| 07.03.2020 | 16:30 | 16:45 | 1.973 |
| 07.03.2020 | 16:45 | 17:00 | 1.954 |
| 07.03.2020 | 17:00 | 17:15 | 1.973 |
| 07.03.2020 | 17:15 | 17:30 | 2.004 |
| 07.03.2020 | 17:30 | 17:45 | 2.041 |
| 07.03.2020 | 17:45 | 18:00 | 2.106 |
| 07.03.2020 | 18:00 | 18:15 | 2.174 |
| 07.03.2020 | 18:15 | 18:30 | 2.248 |
| 07.03.2020 | 18:30 | 18:45 | 2.305 |
| 07.03.2020 | 18:45 | 19:00 | 2.348 |
| 07.03.2020 | 19:00 | 19:15 | 2.316 |
| 07.03.2020 | 19:15 | 19:30 | 2.272 |
| 07.03.2020 | 19:30 | 19:45 | 2.217 |
| 07.03.2020 | 19:45 | 20:00 | 2.135 |
| 07.03.2020 | 20:00 | 20:15 | 2.082 |
| 07.03.2020 | 20:15 | 20:30 | 1.990 |
| 07.03.2020 | 20:30 | 20:45 | 1.908 |
| 07.03.2020 | 20:45 | 21:00 | 1.830 |
| 07.03.2020 | 21:00 | 21:15 | 1.750 |
| 07.03.2020 | 21:15 | 21:30 | 1.696 |
| 07.03.2020 | 21:30 | 21:45 | 1.626 |
| 07.03.2020 | 21:45 | 22:00 | 1.572 |
| 07.03.2020 | 22:00 | 22:15 | 1.639 |
| 07.03.2020 | 22:15 | 22:30 | 1.588 |
| 07.03.2020 | 22:30 | 22:45 | 1.548 |
| 07.03.2020 | 22:45 | 23:00 | 1.493 |
| 07.03.2020 | 23:00 | 23:15 | 1.437 |
| 07.03.2020 | 23:15 | 23:30 | 1.395 |
| 07.03.2020 | 23:30 | 23:45 | 1.340 |
| 07.03.2020 | 23:45 | 00:00 | 1.282 |
| 08.03.2020 | 00:00 | 00:15 | 1.235 |
| 08.03.2020 | 00:15 | 00:30 | 1.188 |
| 08.03.2020 | 00:30 | 00:45 | 1.153 |
| 08.03.2020 | 00:45 | 01:00 | 1.115 |
| 08.03.2020 | 01:00 | 01:15 | 1.075 |
| 08.03.2020 | 01:15 | 01:30 | 1.040 |
| 08.03.2020 | 01:30 | 01:45 | 1.018 |
| 08.03.2020 | 01:45 | 02:00 | 998 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.03.2020 | 02:00 | 02:15 | 991 |
| 08.03.2020 | 02:15 | 02:30 | 974 |
| 08.03.2020 | 02:30 | 02:45 | 966 |
| 08.03.2020 | 02:45 | 03:00 | 956 |
| 08.03.2020 | 03:00 | 03:15 | 960 |
| 08.03.2020 | 03:15 | 03:30 | 943 |
| 08.03.2020 | 03:30 | 03:45 | 941 |
| 08.03.2020 | 03:45 | 04:00 | 939 |
| 08.03.2020 | 04:00 | 04:15 | 947 |
| 08.03.2020 | 04:15 | 04:30 | 940 |
| 08.03.2020 | 04:30 | 04:45 | 944 |
| 08.03.2020 | 04:45 | 05:00 | 951 |
| 08.03.2020 | 05:00 | 05:15 | 965 |
| 08.03.2020 | 05:15 | 05:30 | 966 |
| 08.03.2020 | 05:30 | 05:45 | 968 |
| 08.03.2020 | 05:45 | 06:00 | 980 |
| 08.03.2020 | 06:00 | 06:15 | 980 |
| 08.03.2020 | 06:15 | 06:30 | 999 |
| 08.03.2020 | 06:30 | 06:45 | 1.022 |
| 08.03.2020 | 06:45 | 07:00 | 1.019 |
| 08.03.2020 | 07:00 | 07:15 | 1.043 |
| 08.03.2020 | 07:15 | 07:30 | 1.078 |
| 08.03.2020 | 07:30 | 07:45 | 1.128 |
| 08.03.2020 | 07:45 | 08:00 | 1.188 |
| 08.03.2020 | 08:00 | 08:15 | 1.252 |
| 08.03.2020 | 08:15 | 08:30 | 1.327 |
| 08.03.2020 | 08:30 | 08:45 | 1.384 |
| 08.03.2020 | 08:45 | 09:00 | 1.452 |
| 08.03.2020 | 09:00 | 09:15 | 1.532 |
| 08.03.2020 | 09:15 | 09:30 | 1.611 |
| 08.03.2020 | 09:30 | 09:45 | 1.656 |
| 08.03.2020 | 09:45 | 10:00 | 1.698 |
| 08.03.2020 | 10:00 | 10:15 | 1.789 |
| 08.03.2020 | 10:15 | 10:30 | 1.849 |
| 08.03.2020 | 10:30 | 10:45 | 1.863 |
| 08.03.2020 | 10:45 | 11:00 | 1.889 |
| 08.03.2020 | 11:00 | 11:15 | 1.937 |
| 08.03.2020 | 11:15 | 11:30 | 1.968 |
| 08.03.2020 | 11:30 | 11:45 | 1.987 |
| 08.03.2020 | 11:45 | 12:00 | 2.045 |
| 08.03.2020 | 12:00 | 12:15 | 2.088 |
| 08.03.2020 | 12:15 | 12:30 | 2.106 |
| 08.03.2020 | 12:30 | 12:45 | 2.114 |
| 08.03.2020 | 12:45 | 13:00 | 2.108 |
| 08.03.2020 | 13:00 | 13:15 | 2.061 |
| 08.03.2020 | 13:15 | 13:30 | 2.025 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.03.2020 | 13:30 | 13:45 | 1.998 |
| 08.03.2020 | 13:45 | 14:00 | 1.964 |
| 08.03.2020 | 14:00 | 14:15 | 1.922 |
| 08.03.2020 | 14:15 | 14:30 | 1.918 |
| 08.03.2020 | 14:30 | 14:45 | 1.899 |
| 08.03.2020 | 14:45 | 15:00 | 1.836 |
| 08.03.2020 | 15:00 | 15:15 | 1.832 |
| 08.03.2020 | 15:15 | 15:30 | 1.842 |
| 08.03.2020 | 15:30 | 15:45 | 1.830 |
| 08.03.2020 | 15:45 | 16:00 | 1.802 |
| 08.03.2020 | 16:00 | 16:15 | 1.821 |
| 08.03.2020 | 16:15 | 16:30 | 1.839 |
| 08.03.2020 | 16:30 | 16:45 | 1.869 |
| 08.03.2020 | 16:45 | 17:00 | 1.879 |
| 08.03.2020 | 17:00 | 17:15 | 1.928 |
| 08.03.2020 | 17:15 | 17:30 | 1.972 |
| 08.03.2020 | 17:30 | 17:45 | 1.982 |
| 08.03.2020 | 17:45 | 18:00 | 1.990 |
| 08.03.2020 | 18:00 | 18:15 | 2.019 |
| 08.03.2020 | 18:15 | 18:30 | 2.072 |
| 08.03.2020 | 18:30 | 18:45 | 2.162 |
| 08.03.2020 | 18:45 | 19:00 | 2.236 |
| 08.03.2020 | 19:00 | 19:15 | 2.251 |
| 08.03.2020 | 19:15 | 19:30 | 2.207 |
| 08.03.2020 | 19:30 | 19:45 | 2.169 |
| 08.03.2020 | 19:45 | 20:00 | 2.106 |
| 08.03.2020 | 20:00 | 20:15 | 2.037 |
| 08.03.2020 | 20:15 | 20:30 | 1.938 |
| 08.03.2020 | 20:30 | 20:45 | 1.832 |
| 08.03.2020 | 20:45 | 21:00 | 1.750 |
| 08.03.2020 | 21:00 | 21:15 | 1.699 |
| 08.03.2020 | 21:15 | 21:30 | 1.654 |
| 08.03.2020 | 21:30 | 21:45 | 1.584 |
| 08.03.2020 | 21:45 | 22:00 | 1.556 |
| 08.03.2020 | 22:00 | 22:15 | 1.640 |
| 08.03.2020 | 22:15 | 22:30 | 1.581 |
| 08.03.2020 | 22:30 | 22:45 | 1.515 |
| 08.03.2020 | 22:45 | 23:00 | 1.448 |
| 08.03.2020 | 23:00 | 23:15 | 1.397 |
| 08.03.2020 | 23:15 | 23:30 | 1.354 |
| 08.03.2020 | 23:30 | 23:45 | 1.290 |
| 08.03.2020 | 23:45 | 00:00 | 1.234 |
| 09.03.2020 | 00:00 | 00:15 | 1.193 |
| 09.03.2020 | 00:15 | 00:30 | 1.161 |
| 09.03.2020 | 00:30 | 00:45 | 1.122 |
| 09.03.2020 | 00:45 | 01:00 | 1.080 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.03.2020 | 01:00 | 01:15 | 1.060 |
| 09.03.2020 | 01:15 | 01:30 | 1.034 |
| 09.03.2020 | 01:30 | 01:45 | 1.023 |
| 09.03.2020 | 01:45 | 02:00 | 1.011 |
| 09.03.2020 | 02:00 | 02:15 | 997 |
| 09.03.2020 | 02:15 | 02:30 | 1.001 |
| 09.03.2020 | 02:30 | 02:45 | 996 |
| 09.03.2020 | 02:45 | 03:00 | 992 |
| 09.03.2020 | 03:00 | 03:15 | 989 |
| 09.03.2020 | 03:15 | 03:30 | 986 |
| 09.03.2020 | 03:30 | 03:45 | 998 |
| 09.03.2020 | 03:45 | 04:00 | 1.014 |
| 09.03.2020 | 04:00 | 04:15 | 1.041 |
| 09.03.2020 | 04:15 | 04:30 | 1.065 |
| 09.03.2020 | 04:30 | 04:45 | 1.097 |
| 09.03.2020 | 04:45 | 05:00 | 1.133 |
| 09.03.2020 | 05:00 | 05:15 | 1.195 |
| 09.03.2020 | 05:15 | 05:30 | 1.240 |
| 09.03.2020 | 05:30 | 05:45 | 1.316 |
| 09.03.2020 | 05:45 | 06:00 | 1.422 |
| 09.03.2020 | 06:00 | 06:15 | 1.582 |
| 09.03.2020 | 06:15 | 06:30 | 1.737 |
| 09.03.2020 | 06:30 | 06:45 | 1.882 |
| 09.03.2020 | 06:45 | 07:00 | 1.950 |
| 09.03.2020 | 07:00 | 07:15 | 2.057 |
| 09.03.2020 | 07:15 | 07:30 | 2.121 |
| 09.03.2020 | 07:30 | 07:45 | 2.155 |
| 09.03.2020 | 07:45 | 08:00 | 2.183 |
| 09.03.2020 | 08:00 | 08:15 | 2.232 |
| 09.03.2020 | 08:15 | 08:30 | 2.301 |
| 09.03.2020 | 08:30 | 08:45 | 2.348 |
| 09.03.2020 | 08:45 | 09:00 | 2.356 |
| 09.03.2020 | 09:00 | 09:15 | 2.404 |
| 09.03.2020 | 09:15 | 09:30 | 2.460 |
| 09.03.2020 | 09:30 | 09:45 | 2.484 |
| 09.03.2020 | 09:45 | 10:00 | 2.484 |
| 09.03.2020 | 10:00 | 10:15 | 2.487 |
| 09.03.2020 | 10:15 | 10:30 | 2.528 |
| 09.03.2020 | 10:30 | 10:45 | 2.584 |
| 09.03.2020 | 10:45 | 11:00 | 2.628 |
| 09.03.2020 | 11:00 | 11:15 | 2.652 |
| 09.03.2020 | 11:15 | 11:30 | 2.713 |
| 09.03.2020 | 11:30 | 11:45 | 2.714 |
| 09.03.2020 | 11:45 | 12:00 | 2.720 |
| 09.03.2020 | 12:00 | 12:15 | 2.683 |
| 09.03.2020 | 12:15 | 12:30 | 2.677 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.03.2020 | 12:30 | 12:45 | 2.731 |
| 09.03.2020 | 12:45 | 13:00 | 2.787 |
| 09.03.2020 | 13:00 | 13:15 | 2.646 |
| 09.03.2020 | 13:15 | 13:30 | 2.596 |
| 09.03.2020 | 13:30 | 13:45 | 2.551 |
| 09.03.2020 | 13:45 | 14:00 | 2.499 |
| 09.03.2020 | 14:00 | 14:15 | 2.482 |
| 09.03.2020 | 14:15 | 14:30 | 2.486 |
| 09.03.2020 | 14:30 | 14:45 | 2.477 |
| 09.03.2020 | 14:45 | 15:00 | 2.438 |
| 09.03.2020 | 15:00 | 15:15 | 2.438 |
| 09.03.2020 | 15:15 | 15:30 | 2.400 |
| 09.03.2020 | 15:30 | 15:45 | 2.380 |
| 09.03.2020 | 15:45 | 16:00 | 2.329 |
| 09.03.2020 | 16:00 | 16:15 | 2.335 |
| 09.03.2020 | 16:15 | 16:30 | 2.363 |
| 09.03.2020 | 16:30 | 16:45 | 2.391 |
| 09.03.2020 | 16:45 | 17:00 | 2.484 |
| 09.03.2020 | 17:00 | 17:15 | 2.500 |
| 09.03.2020 | 17:15 | 17:30 | 2.493 |
| 09.03.2020 | 17:30 | 17:45 | 2.523 |
| 09.03.2020 | 17:45 | 18:00 | 2.631 |
| 09.03.2020 | 18:00 | 18:15 | 2.687 |
| 09.03.2020 | 18:15 | 18:30 | 2.720 |
| 09.03.2020 | 18:30 | 18:45 | 2.755 |
| 09.03.2020 | 18:45 | 19:00 | 2.931 |
| 09.03.2020 | 19:00 | 19:15 | 2.916 |
| 09.03.2020 | 19:15 | 19:30 | 2.872 |
| 09.03.2020 | 19:30 | 19:45 | 2.796 |
| 09.03.2020 | 19:45 | 20:00 | 2.744 |
| 09.03.2020 | 20:00 | 20:15 | 2.585 |
| 09.03.2020 | 20:15 | 20:30 | 2.465 |
| 09.03.2020 | 20:30 | 20:45 | 2.348 |
| 09.03.2020 | 20:45 | 21:00 | 2.250 |
| 09.03.2020 | 21:00 | 21:15 | 2.114 |
| 09.03.2020 | 21:15 | 21:30 | 2.006 |
| 09.03.2020 | 21:30 | 21:45 | 1.894 |
| 09.03.2020 | 21:45 | 22:00 | 1.788 |
| 09.03.2020 | 22:00 | 22:15 | 1.833 |
| 09.03.2020 | 22:15 | 22:30 | 1.763 |
| 09.03.2020 | 22:30 | 22:45 | 1.713 |
| 09.03.2020 | 22:45 | 23:00 | 1.622 |
| 09.03.2020 | 23:00 | 23:15 | 1.533 |
| 09.03.2020 | 23:15 | 23:30 | 1.473 |
| 09.03.2020 | 23:30 | 23:45 | 1.409 |
| 09.03.2020 | 23:45 | 00:00 | 1.364 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.03.2020 | 00:00 | 00:15 | 1.306 |
| 10.03.2020 | 00:15 | 00:30 | 1.273 |
| 10.03.2020 | 00:30 | 00:45 | 1.238 |
| 10.03.2020 | 00:45 | 01:00 | 1.207 |
| 10.03.2020 | 01:00 | 01:15 | 1.159 |
| 10.03.2020 | 01:15 | 01:30 | 1.126 |
| 10.03.2020 | 01:30 | 01:45 | 1.106 |
| 10.03.2020 | 01:45 | 02:00 | 1.098 |
| 10.03.2020 | 02:00 | 02:15 | 1.082 |
| 10.03.2020 | 02:15 | 02:30 | 1.064 |
| 10.03.2020 | 02:30 | 02:45 | 1.058 |
| 10.03.2020 | 02:45 | 03:00 | 1.047 |
| 10.03.2020 | 03:00 | 03:15 | 1.056 |
| 10.03.2020 | 03:15 | 03:30 | 1.056 |
| 10.03.2020 | 03:30 | 03:45 | 1.066 |
| 10.03.2020 | 03:45 | 04:00 | 1.079 |
| 10.03.2020 | 04:00 | 04:15 | 1.127 |
| 10.03.2020 | 04:15 | 04:30 | 1.151 |
| 10.03.2020 | 04:30 | 04:45 | 1.180 |
| 10.03.2020 | 04:45 | 05:00 | 1.223 |
| 10.03.2020 | 05:00 | 05:15 | 1.274 |
| 10.03.2020 | 05:15 | 05:30 | 1.326 |
| 10.03.2020 | 05:30 | 05:45 | 1.387 |
| 10.03.2020 | 05:45 | 06:00 | 1.522 |
| 10.03.2020 | 06:00 | 06:15 | 1.656 |
| 10.03.2020 | 06:15 | 06:30 | 1.797 |
| 10.03.2020 | 06:30 | 06:45 | 1.927 |
| 10.03.2020 | 06:45 | 07:00 | 2.001 |
| 10.03.2020 | 07:00 | 07:15 | 2.117 |
| 10.03.2020 | 07:15 | 07:30 | 2.180 |
| 10.03.2020 | 07:30 | 07:45 | 2.234 |
| 10.03.2020 | 07:45 | 08:00 | 2.246 |
| 10.03.2020 | 08:00 | 08:15 | 2.351 |
| 10.03.2020 | 08:15 | 08:30 | 2.415 |
| 10.03.2020 | 08:30 | 08:45 | 2.433 |
| 10.03.2020 | 08:45 | 09:00 | 2.443 |
| 10.03.2020 | 09:00 | 09:15 | 2.492 |
| 10.03.2020 | 09:15 | 09:30 | 2.500 |
| 10.03.2020 | 09:30 | 09:45 | 2.504 |
| 10.03.2020 | 09:45 | 10:00 | 2.530 |
| 10.03.2020 | 10:00 | 10:15 | 2.564 |
| 10.03.2020 | 10:15 | 10:30 | 2.574 |
| 10.03.2020 | 10:30 | 10:45 | 2.667 |
| 10.03.2020 | 10:45 | 11:00 | 2.712 |
| 10.03.2020 | 11:00 | 11:15 | 2.768 |
| 10.03.2020 | 11:15 | 11:30 | 2.788 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.03.2020 | 11:30 | 11:45 | 2.732 |
| 10.03.2020 | 11:45 | 12:00 | 2.754 |
| 10.03.2020 | 12:00 | 12:15 | 2.802 |
| 10.03.2020 | 12:15 | 12:30 | 2.831 |
| 10.03.2020 | 12:30 | 12:45 | 2.827 |
| 10.03.2020 | 12:45 | 13:00 | 2.813 |
| 10.03.2020 | 13:00 | 13:15 | 2.791 |
| 10.03.2020 | 13:15 | 13:30 | 2.794 |
| 10.03.2020 | 13:30 | 13:45 | 2.773 |
| 10.03.2020 | 13:45 | 14:00 | 2.703 |
| 10.03.2020 | 14:00 | 14:15 | 2.689 |
| 10.03.2020 | 14:15 | 14:30 | 2.673 |
| 10.03.2020 | 14:30 | 14:45 | 2.644 |
| 10.03.2020 | 14:45 | 15:00 | 2.606 |
| 10.03.2020 | 15:00 | 15:15 | 2.642 |
| 10.03.2020 | 15:15 | 15:30 | 2.619 |
| 10.03.2020 | 15:30 | 15:45 | 2.591 |
| 10.03.2020 | 15:45 | 16:00 | 2.549 |
| 10.03.2020 | 16:00 | 16:15 | 2.583 |
| 10.03.2020 | 16:15 | 16:30 | 2.605 |
| 10.03.2020 | 16:30 | 16:45 | 2.602 |
| 10.03.2020 | 16:45 | 17:00 | 2.599 |
| 10.03.2020 | 17:00 | 17:15 | 2.650 |
| 10.03.2020 | 17:15 | 17:30 | 2.674 |
| 10.03.2020 | 17:30 | 17:45 | 2.697 |
| 10.03.2020 | 17:45 | 18:00 | 2.742 |
| 10.03.2020 | 18:00 | 18:15 | 2.783 |
| 10.03.2020 | 18:15 | 18:30 | 2.835 |
| 10.03.2020 | 18:30 | 18:45 | 2.957 |
| 10.03.2020 | 18:45 | 19:00 | 3.015 |
| 10.03.2020 | 19:00 | 19:15 | 2.985 |
| 10.03.2020 | 19:15 | 19:30 | 2.954 |
| 10.03.2020 | 19:30 | 19:45 | 2.828 |
| 10.03.2020 | 19:45 | 20:00 | 2.748 |
| 10.03.2020 | 20:00 | 20:15 | 2.613 |
| 10.03.2020 | 20:15 | 20:30 | 2.490 |
| 10.03.2020 | 20:30 | 20:45 | 2.366 |
| 10.03.2020 | 20:45 | 21:00 | 2.275 |
| 10.03.2020 | 21:00 | 21:15 | 2.127 |
| 10.03.2020 | 21:15 | 21:30 | 1.997 |
| 10.03.2020 | 21:30 | 21:45 | 1.909 |
| 10.03.2020 | 21:45 | 22:00 | 1.819 |
| 10.03.2020 | 22:00 | 22:15 | 1.844 |
| 10.03.2020 | 22:15 | 22:30 | 1.755 |
| 10.03.2020 | 22:30 | 22:45 | 1.725 |
| 10.03.2020 | 22:45 | 23:00 | 1.645 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.03.2020 | 23:00 | 23:15 | 1.561 |
| 10.03.2020 | 23:15 | 23:30 | 1.511 |
| 10.03.2020 | 23:30 | 23:45 | 1.434 |
| 10.03.2020 | 23:45 | 00:00 | 1.360 |
| 11.03.2020 | 00:00 | 00:15 | 1.309 |
| 11.03.2020 | 00:15 | 00:30 | 1.272 |
| 11.03.2020 | 00:30 | 00:45 | 1.241 |
| 11.03.2020 | 00:45 | 01:00 | 1.202 |
| 11.03.2020 | 01:00 | 01:15 | 1.159 |
| 11.03.2020 | 01:15 | 01:30 | 1.132 |
| 11.03.2020 | 01:30 | 01:45 | 1.110 |
| 11.03.2020 | 01:45 | 02:00 | 1.095 |
| 11.03.2020 | 02:00 | 02:15 | 1.101 |
| 11.03.2020 | 02:15 | 02:30 | 1.088 |
| 11.03.2020 | 02:30 | 02:45 | 1.072 |
| 11.03.2020 | 02:45 | 03:00 | 1.053 |
| 11.03.2020 | 03:00 | 03:15 | 1.041 |
| 11.03.2020 | 03:15 | 03:30 | 1.038 |
| 11.03.2020 | 03:30 | 03:45 | 1.044 |
| 11.03.2020 | 03:45 | 04:00 | 1.049 |
| 11.03.2020 | 04:00 | 04:15 | 1.076 |
| 11.03.2020 | 04:15 | 04:30 | 1.112 |
| 11.03.2020 | 04:30 | 04:45 | 1.139 |
| 11.03.2020 | 04:45 | 05:00 | 1.173 |
| 11.03.2020 | 05:00 | 05:15 | 1.243 |
| 11.03.2020 | 05:15 | 05:30 | 1.300 |
| 11.03.2020 | 05:30 | 05:45 | 1.366 |
| 11.03.2020 | 05:45 | 06:00 | 1.474 |
| 11.03.2020 | 06:00 | 06:15 | 1.607 |
| 11.03.2020 | 06:15 | 06:30 | 1.769 |
| 11.03.2020 | 06:30 | 06:45 | 1.899 |
| 11.03.2020 | 06:45 | 07:00 | 1.956 |
| 11.03.2020 | 07:00 | 07:15 | 2.065 |
| 11.03.2020 | 07:15 | 07:30 | 2.118 |
| 11.03.2020 | 07:30 | 07:45 | 2.138 |
| 11.03.2020 | 07:45 | 08:00 | 2.191 |
| 11.03.2020 | 08:00 | 08:15 | 2.292 |
| 11.03.2020 | 08:15 | 08:30 | 2.318 |
| 11.03.2020 | 08:30 | 08:45 | 2.348 |
| 11.03.2020 | 08:45 | 09:00 | 2.387 |
| 11.03.2020 | 09:00 | 09:15 | 2.427 |
| 11.03.2020 | 09:15 | 09:30 | 2.471 |
| 11.03.2020 | 09:30 | 09:45 | 2.510 |
| 11.03.2020 | 09:45 | 10:00 | 2.535 |
| 11.03.2020 | 10:00 | 10:15 | 2.532 |
| 11.03.2020 | 10:15 | 10:30 | 2.559 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.03.2020 | 10:30 | 10:45 | 2.578 |
| 11.03.2020 | 10:45 | 11:00 | 2.650 |
| 11.03.2020 | 11:00 | 11:15 | 2.645 |
| 11.03.2020 | 11:15 | 11:30 | 2.650 |
| 11.03.2020 | 11:30 | 11:45 | 2.659 |
| 11.03.2020 | 11:45 | 12:00 | 2.663 |
| 11.03.2020 | 12:00 | 12:15 | 2.684 |
| 11.03.2020 | 12:15 | 12:30 | 2.672 |
| 11.03.2020 | 12:30 | 12:45 | 2.701 |
| 11.03.2020 | 12:45 | 13:00 | 2.698 |
| 11.03.2020 | 13:00 | 13:15 | 2.715 |
| 11.03.2020 | 13:15 | 13:30 | 2.733 |
| 11.03.2020 | 13:30 | 13:45 | 2.692 |
| 11.03.2020 | 13:45 | 14:00 | 2.635 |
| 11.03.2020 | 14:00 | 14:15 | 2.582 |
| 11.03.2020 | 14:15 | 14:30 | 2.547 |
| 11.03.2020 | 14:30 | 14:45 | 2.508 |
| 11.03.2020 | 14:45 | 15:00 | 2.460 |
| 11.03.2020 | 15:00 | 15:15 | 2.482 |
| 11.03.2020 | 15:15 | 15:30 | 2.461 |
| 11.03.2020 | 15:30 | 15:45 | 2.446 |
| 11.03.2020 | 15:45 | 16:00 | 2.425 |
| 11.03.2020 | 16:00 | 16:15 | 2.422 |
| 11.03.2020 | 16:15 | 16:30 | 2.364 |
| 11.03.2020 | 16:30 | 16:45 | 2.400 |
| 11.03.2020 | 16:45 | 17:00 | 2.423 |
| 11.03.2020 | 17:00 | 17:15 | 2.448 |
| 11.03.2020 | 17:15 | 17:30 | 2.460 |
| 11.03.2020 | 17:30 | 17:45 | 2.482 |
| 11.03.2020 | 17:45 | 18:00 | 2.505 |
| 11.03.2020 | 18:00 | 18:15 | 2.487 |
| 11.03.2020 | 18:15 | 18:30 | 2.557 |
| 11.03.2020 | 18:30 | 18:45 | 2.682 |
| 11.03.2020 | 18:45 | 19:00 | 2.887 |
| 11.03.2020 | 19:00 | 19:15 | 2.884 |
| 11.03.2020 | 19:15 | 19:30 | 2.823 |
| 11.03.2020 | 19:30 | 19:45 | 2.772 |
| 11.03.2020 | 19:45 | 20:00 | 2.693 |
| 11.03.2020 | 20:00 | 20:15 | 2.575 |
| 11.03.2020 | 20:15 | 20:30 | 2.469 |
| 11.03.2020 | 20:30 | 20:45 | 2.399 |
| 11.03.2020 | 20:45 | 21:00 | 2.283 |
| 11.03.2020 | 21:00 | 21:15 | 2.136 |
| 11.03.2020 | 21:15 | 21:30 | 2.014 |
| 11.03.2020 | 21:30 | 21:45 | 1.890 |
| 11.03.2020 | 21:45 | 22:00 | 1.841 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.03.2020 | 22:00 | 22:15 | 1.857 |
| 11.03.2020 | 22:15 | 22:30 | 1.774 |
| 11.03.2020 | 22:30 | 22:45 | 1.731 |
| 11.03.2020 | 22:45 | 23:00 | 1.654 |
| 11.03.2020 | 23:00 | 23:15 | 1.571 |
| 11.03.2020 | 23:15 | 23:30 | 1.512 |
| 11.03.2020 | 23:30 | 23:45 | 1.424 |
| 11.03.2020 | 23:45 | 00:00 | 1.367 |
| 12.03.2020 | 00:00 | 00:15 | 1.318 |
| 12.03.2020 | 00:15 | 00:30 | 1.261 |
| 12.03.2020 | 00:30 | 00:45 | 1.230 |
| 12.03.2020 | 00:45 | 01:00 | 1.190 |
| 12.03.2020 | 01:00 | 01:15 | 1.153 |
| 12.03.2020 | 01:15 | 01:30 | 1.127 |
| 12.03.2020 | 01:30 | 01:45 | 1.111 |
| 12.03.2020 | 01:45 | 02:00 | 1.094 |
| 12.03.2020 | 02:00 | 02:15 | 1.059 |
| 12.03.2020 | 02:15 | 02:30 | 1.052 |
| 12.03.2020 | 02:30 | 02:45 | 1.046 |
| 12.03.2020 | 02:45 | 03:00 | 1.034 |
| 12.03.2020 | 03:00 | 03:15 | 1.042 |
| 12.03.2020 | 03:15 | 03:30 | 1.035 |
| 12.03.2020 | 03:30 | 03:45 | 1.044 |
| 12.03.2020 | 03:45 | 04:00 | 1.052 |
| 12.03.2020 | 04:00 | 04:15 | 1.077 |
| 12.03.2020 | 04:15 | 04:30 | 1.107 |
| 12.03.2020 | 04:30 | 04:45 | 1.134 |
| 12.03.2020 | 04:45 | 05:00 | 1.172 |
| 12.03.2020 | 05:00 | 05:15 | 1.228 |
| 12.03.2020 | 05:15 | 05:30 | 1.267 |
| 12.03.2020 | 05:30 | 05:45 | 1.354 |
| 12.03.2020 | 05:45 | 06:00 | 1.479 |
| 12.03.2020 | 06:00 | 06:15 | 1.591 |
| 12.03.2020 | 06:15 | 06:30 | 1.728 |
| 12.03.2020 | 06:30 | 06:45 | 1.824 |
| 12.03.2020 | 06:45 | 07:00 | 1.887 |
| 12.03.2020 | 07:00 | 07:15 | 1.990 |
| 12.03.2020 | 07:15 | 07:30 | 2.048 |
| 12.03.2020 | 07:30 | 07:45 | 2.098 |
| 12.03.2020 | 07:45 | 08:00 | 2.150 |
| 12.03.2020 | 08:00 | 08:15 | 2.265 |
| 12.03.2020 | 08:15 | 08:30 | 2.325 |
| 12.03.2020 | 08:30 | 08:45 | 2.316 |
| 12.03.2020 | 08:45 | 09:00 | 2.358 |
| 12.03.2020 | 09:00 | 09:15 | 2.353 |
| 12.03.2020 | 09:15 | 09:30 | 2.361 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.03.2020 | 09:30 | 09:45 | 2.392 |
| 12.03.2020 | 09:45 | 10:00 | 2.428 |
| 12.03.2020 | 10:00 | 10:15 | 2.398 |
| 12.03.2020 | 10:15 | 10:30 | 2.422 |
| 12.03.2020 | 10:30 | 10:45 | 2.424 |
| 12.03.2020 | 10:45 | 11:00 | 2.482 |
| 12.03.2020 | 11:00 | 11:15 | 2.472 |
| 12.03.2020 | 11:15 | 11:30 | 2.493 |
| 12.03.2020 | 11:30 | 11:45 | 2.511 |
| 12.03.2020 | 11:45 | 12:00 | 2.524 |
| 12.03.2020 | 12:00 | 12:15 | 2.550 |
| 12.03.2020 | 12:15 | 12:30 | 2.542 |
| 12.03.2020 | 12:30 | 12:45 | 2.535 |
| 12.03.2020 | 12:45 | 13:00 | 2.536 |
| 12.03.2020 | 13:00 | 13:15 | 2.513 |
| 12.03.2020 | 13:15 | 13:30 | 2.491 |
| 12.03.2020 | 13:30 | 13:45 | 2.465 |
| 12.03.2020 | 13:45 | 14:00 | 2.415 |
| 12.03.2020 | 14:00 | 14:15 | 2.399 |
| 12.03.2020 | 14:15 | 14:30 | 2.351 |
| 12.03.2020 | 14:30 | 14:45 | 2.370 |
| 12.03.2020 | 14:45 | 15:00 | 2.356 |
| 12.03.2020 | 15:00 | 15:15 | 2.327 |
| 12.03.2020 | 15:15 | 15:30 | 2.336 |
| 12.03.2020 | 15:30 | 15:45 | 2.362 |
| 12.03.2020 | 15:45 | 16:00 | 2.397 |
| 12.03.2020 | 16:00 | 16:15 | 2.402 |
| 12.03.2020 | 16:15 | 16:30 | 2.366 |
| 12.03.2020 | 16:30 | 16:45 | 2.377 |
| 12.03.2020 | 16:45 | 17:00 | 2.397 |
| 12.03.2020 | 17:00 | 17:15 | 2.444 |
| 12.03.2020 | 17:15 | 17:30 | 2.558 |
| 12.03.2020 | 17:30 | 17:45 | 2.636 |
| 12.03.2020 | 17:45 | 18:00 | 2.728 |
| 12.03.2020 | 18:00 | 18:15 | 2.783 |
| 12.03.2020 | 18:15 | 18:30 | 2.739 |
| 12.03.2020 | 18:30 | 18:45 | 2.771 |
| 12.03.2020 | 18:45 | 19:00 | 2.912 |
| 12.03.2020 | 19:00 | 19:15 | 2.947 |
| 12.03.2020 | 19:15 | 19:30 | 2.911 |
| 12.03.2020 | 19:30 | 19:45 | 2.828 |
| 12.03.2020 | 19:45 | 20:00 | 2.739 |
| 12.03.2020 | 20:00 | 20:15 | 2.609 |
| 12.03.2020 | 20:15 | 20:30 | 2.448 |
| 12.03.2020 | 20:30 | 20:45 | 2.360 |
| 12.03.2020 | 20:45 | 21:00 | 2.280 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.03.2020 | 21:00 | 21:15 | 2.151 |
| 12.03.2020 | 21:15 | 21:30 | 2.054 |
| 12.03.2020 | 21:30 | 21:45 | 1.946 |
| 12.03.2020 | 21:45 | 22:00 | 1.830 |
| 12.03.2020 | 22:00 | 22:15 | 1.855 |
| 12.03.2020 | 22:15 | 22:30 | 1.795 |
| 12.03.2020 | 22:30 | 22:45 | 1.723 |
| 12.03.2020 | 22:45 | 23:00 | 1.659 |
| 12.03.2020 | 23:00 | 23:15 | 1.598 |
| 12.03.2020 | 23:15 | 23:30 | 1.542 |
| 12.03.2020 | 23:30 | 23:45 | 1.480 |
| 12.03.2020 | 23:45 | 00:00 | 1.410 |
| 13.03.2020 | 00:00 | 00:15 | 1.306 |
| 13.03.2020 | 00:15 | 00:30 | 1.273 |
| 13.03.2020 | 00:30 | 00:45 | 1.222 |
| 13.03.2020 | 00:45 | 01:00 | 1.196 |
| 13.03.2020 | 01:00 | 01:15 | 1.156 |
| 13.03.2020 | 01:15 | 01:30 | 1.124 |
| 13.03.2020 | 01:30 | 01:45 | 1.129 |
| 13.03.2020 | 01:45 | 02:00 | 1.134 |
| 13.03.2020 | 02:00 | 02:15 | 1.116 |
| 13.03.2020 | 02:15 | 02:30 | 1.099 |
| 13.03.2020 | 02:30 | 02:45 | 1.083 |
| 13.03.2020 | 02:45 | 03:00 | 1.070 |
| 13.03.2020 | 03:00 | 03:15 | 1.078 |
| 13.03.2020 | 03:15 | 03:30 | 1.077 |
| 13.03.2020 | 03:30 | 03:45 | 1.088 |
| 13.03.2020 | 03:45 | 04:00 | 1.099 |
| 13.03.2020 | 04:00 | 04:15 | 1.101 |
| 13.03.2020 | 04:15 | 04:30 | 1.109 |
| 13.03.2020 | 04:30 | 04:45 | 1.127 |
| 13.03.2020 | 04:45 | 05:00 | 1.154 |
| 13.03.2020 | 05:00 | 05:15 | 1.226 |
| 13.03.2020 | 05:15 | 05:30 | 1.275 |
| 13.03.2020 | 05:30 | 05:45 | 1.356 |
| 13.03.2020 | 05:45 | 06:00 | 1.470 |
| 13.03.2020 | 06:00 | 06:15 | 1.586 |
| 13.03.2020 | 06:15 | 06:30 | 1.733 |
| 13.03.2020 | 06:30 | 06:45 | 1.837 |
| 13.03.2020 | 06:45 | 07:00 | 1.914 |
| 13.03.2020 | 07:00 | 07:15 | 2.035 |
| 13.03.2020 | 07:15 | 07:30 | 2.109 |
| 13.03.2020 | 07:30 | 07:45 | 2.143 |
| 13.03.2020 | 07:45 | 08:00 | 2.197 |
| 13.03.2020 | 08:00 | 08:15 | 2.283 |
| 13.03.2020 | 08:15 | 08:30 | 2.352 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.03.2020 | 08:30 | 08:45 | 2.354 |
| 13.03.2020 | 08:45 | 09:00 | 2.374 |
| 13.03.2020 | 09:00 | 09:15 | 2.413 |
| 13.03.2020 | 09:15 | 09:30 | 2.476 |
| 13.03.2020 | 09:30 | 09:45 | 2.518 |
| 13.03.2020 | 09:45 | 10:00 | 2.511 |
| 13.03.2020 | 10:00 | 10:15 | 2.549 |
| 13.03.2020 | 10:15 | 10:30 | 2.534 |
| 13.03.2020 | 10:30 | 10:45 | 2.535 |
| 13.03.2020 | 10:45 | 11:00 | 2.529 |
| 13.03.2020 | 11:00 | 11:15 | 2.584 |
| 13.03.2020 | 11:15 | 11:30 | 2.614 |
| 13.03.2020 | 11:30 | 11:45 | 2.576 |
| 13.03.2020 | 11:45 | 12:00 | 2.631 |
| 13.03.2020 | 12:00 | 12:15 | 2.687 |
| 13.03.2020 | 12:15 | 12:30 | 2.663 |
| 13.03.2020 | 12:30 | 12:45 | 2.662 |
| 13.03.2020 | 12:45 | 13:00 | 2.656 |
| 13.03.2020 | 13:00 | 13:15 | 2.607 |
| 13.03.2020 | 13:15 | 13:30 | 2.581 |
| 13.03.2020 | 13:30 | 13:45 | 2.549 |
| 13.03.2020 | 13:45 | 14:00 | 2.621 |
| 13.03.2020 | 14:00 | 14:15 | 2.557 |
| 13.03.2020 | 14:15 | 14:30 | 2.521 |
| 13.03.2020 | 14:30 | 14:45 | 2.457 |
| 13.03.2020 | 14:45 | 15:00 | 2.419 |
| 13.03.2020 | 15:00 | 15:15 | 2.400 |
| 13.03.2020 | 15:15 | 15:30 | 2.373 |
| 13.03.2020 | 15:30 | 15:45 | 2.385 |
| 13.03.2020 | 15:45 | 16:00 | 2.368 |
| 13.03.2020 | 16:00 | 16:15 | 2.388 |
| 13.03.2020 | 16:15 | 16:30 | 2.446 |
| 13.03.2020 | 16:30 | 16:45 | 2.407 |
| 13.03.2020 | 16:45 | 17:00 | 2.395 |
| 13.03.2020 | 17:00 | 17:15 | 2.415 |
| 13.03.2020 | 17:15 | 17:30 | 2.458 |
| 13.03.2020 | 17:30 | 17:45 | 2.478 |
| 13.03.2020 | 17:45 | 18:00 | 2.528 |
| 13.03.2020 | 18:00 | 18:15 | 2.561 |
| 13.03.2020 | 18:15 | 18:30 | 2.707 |
| 13.03.2020 | 18:30 | 18:45 | 2.763 |
| 13.03.2020 | 18:45 | 19:00 | 2.859 |
| 13.03.2020 | 19:00 | 19:15 | 2.856 |
| 13.03.2020 | 19:15 | 19:30 | 2.809 |
| 13.03.2020 | 19:30 | 19:45 | 2.777 |
| 13.03.2020 | 19:45 | 20:00 | 2.711 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.03.2020 | 20:00 | 20:15 | 2.580 |
| 13.03.2020 | 20:15 | 20:30 | 2.462 |
| 13.03.2020 | 20:30 | 20:45 | 2.383 |
| 13.03.2020 | 20:45 | 21:00 | 2.277 |
| 13.03.2020 | 21:00 | 21:15 | 2.156 |
| 13.03.2020 | 21:15 | 21:30 | 2.031 |
| 13.03.2020 | 21:30 | 21:45 | 1.920 |
| 13.03.2020 | 21:45 | 22:00 | 1.790 |
| 13.03.2020 | 22:00 | 22:15 | 1.822 |
| 13.03.2020 | 22:15 | 22:30 | 1.788 |
| 13.03.2020 | 22:30 | 22:45 | 1.748 |
| 13.03.2020 | 22:45 | 23:00 | 1.698 |
| 13.03.2020 | 23:00 | 23:15 | 1.610 |
| 13.03.2020 | 23:15 | 23:30 | 1.573 |
| 13.03.2020 | 23:30 | 23:45 | 1.518 |
| 13.03.2020 | 23:45 | 00:00 | 1.463 |
| 14.03.2020 | 00:00 | 00:15 | 1.398 |
| 14.03.2020 | 00:15 | 00:30 | 1.348 |
| 14.03.2020 | 00:30 | 00:45 | 1.279 |
| 14.03.2020 | 00:45 | 01:00 | 1.240 |
| 14.03.2020 | 01:00 | 01:15 | 1.196 |
| 14.03.2020 | 01:15 | 01:30 | 1.172 |
| 14.03.2020 | 01:30 | 01:45 | 1.144 |
| 14.03.2020 | 01:45 | 02:00 | 1.122 |
| 14.03.2020 | 02:00 | 02:15 | 1.110 |
| 14.03.2020 | 02:15 | 02:30 | 1.072 |
| 14.03.2020 | 02:30 | 02:45 | 1.058 |
| 14.03.2020 | 02:45 | 03:00 | 1.051 |
| 14.03.2020 | 03:00 | 03:15 | 1.051 |
| 14.03.2020 | 03:15 | 03:30 | 1.050 |
| 14.03.2020 | 03:30 | 03:45 | 1.055 |
| 14.03.2020 | 03:45 | 04:00 | 1.063 |
| 14.03.2020 | 04:00 | 04:15 | 1.069 |
| 14.03.2020 | 04:15 | 04:30 | 1.067 |
| 14.03.2020 | 04:30 | 04:45 | 1.071 |
| 14.03.2020 | 04:45 | 05:00 | 1.084 |
| 14.03.2020 | 05:00 | 05:15 | 1.100 |
| 14.03.2020 | 05:15 | 05:30 | 1.107 |
| 14.03.2020 | 05:30 | 05:45 | 1.119 |
| 14.03.2020 | 05:45 | 06:00 | 1.154 |
| 14.03.2020 | 06:00 | 06:15 | 1.180 |
| 14.03.2020 | 06:15 | 06:30 | 1.205 |
| 14.03.2020 | 06:30 | 06:45 | 1.214 |
| 14.03.2020 | 06:45 | 07:00 | 1.232 |
| 14.03.2020 | 07:00 | 07:15 | 1.281 |
| 14.03.2020 | 07:15 | 07:30 | 1.348 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.03.2020 | 07:30 | 07:45 | 1.411 |
| 14.03.2020 | 07:45 | 08:00 | 1.469 |
| 14.03.2020 | 08:00 | 08:15 | 1.558 |
| 14.03.2020 | 08:15 | 08:30 | 1.634 |
| 14.03.2020 | 08:30 | 08:45 | 1.697 |
| 14.03.2020 | 08:45 | 09:00 | 1.767 |
| 14.03.2020 | 09:00 | 09:15 | 1.808 |
| 14.03.2020 | 09:15 | 09:30 | 1.907 |
| 14.03.2020 | 09:30 | 09:45 | 1.961 |
| 14.03.2020 | 09:45 | 10:00 | 2.020 |
| 14.03.2020 | 10:00 | 10:15 | 2.041 |
| 14.03.2020 | 10:15 | 10:30 | 2.098 |
| 14.03.2020 | 10:30 | 10:45 | 2.087 |
| 14.03.2020 | 10:45 | 11:00 | 2.120 |
| 14.03.2020 | 11:00 | 11:15 | 2.115 |
| 14.03.2020 | 11:15 | 11:30 | 2.170 |
| 14.03.2020 | 11:30 | 11:45 | 2.160 |
| 14.03.2020 | 11:45 | 12:00 | 2.131 |
| 14.03.2020 | 12:00 | 12:15 | 2.097 |
| 14.03.2020 | 12:15 | 12:30 | 2.116 |
| 14.03.2020 | 12:30 | 12:45 | 2.140 |
| 14.03.2020 | 12:45 | 13:00 | 2.111 |
| 14.03.2020 | 13:00 | 13:15 | 2.084 |
| 14.03.2020 | 13:15 | 13:30 | 2.049 |
| 14.03.2020 | 13:30 | 13:45 | 1.987 |
| 14.03.2020 | 13:45 | 14:00 | 1.957 |
| 14.03.2020 | 14:00 | 14:15 | 1.994 |
| 14.03.2020 | 14:15 | 14:30 | 1.974 |
| 14.03.2020 | 14:30 | 14:45 | 1.970 |
| 14.03.2020 | 14:45 | 15:00 | 1.916 |
| 14.03.2020 | 15:00 | 15:15 | 1.890 |
| 14.03.2020 | 15:15 | 15:30 | 1.889 |
| 14.03.2020 | 15:30 | 15:45 | 1.867 |
| 14.03.2020 | 15:45 | 16:00 | 1.850 |
| 14.03.2020 | 16:00 | 16:15 | 1.847 |
| 14.03.2020 | 16:15 | 16:30 | 1.887 |
| 14.03.2020 | 16:30 | 16:45 | 1.899 |
| 14.03.2020 | 16:45 | 17:00 | 1.926 |
| 14.03.2020 | 17:00 | 17:15 | 1.947 |
| 14.03.2020 | 17:15 | 17:30 | 1.977 |
| 14.03.2020 | 17:30 | 17:45 | 1.987 |
| 14.03.2020 | 17:45 | 18:00 | 2.014 |
| 14.03.2020 | 18:00 | 18:15 | 2.050 |
| 14.03.2020 | 18:15 | 18:30 | 2.126 |
| 14.03.2020 | 18:30 | 18:45 | 2.184 |
| 14.03.2020 | 18:45 | 19:00 | 2.258 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.03.2020 | 19:00 | 19:15 | 2.330 |
| 14.03.2020 | 19:15 | 19:30 | 2.292 |
| 14.03.2020 | 19:30 | 19:45 | 2.253 |
| 14.03.2020 | 19:45 | 20:00 | 2.178 |
| 14.03.2020 | 20:00 | 20:15 | 2.107 |
| 14.03.2020 | 20:15 | 20:30 | 2.010 |
| 14.03.2020 | 20:30 | 20:45 | 1.901 |
| 14.03.2020 | 20:45 | 21:00 | 1.840 |
| 14.03.2020 | 21:00 | 21:15 | 1.763 |
| 14.03.2020 | 21:15 | 21:30 | 1.687 |
| 14.03.2020 | 21:30 | 21:45 | 1.623 |
| 14.03.2020 | 21:45 | 22:00 | 1.569 |
| 14.03.2020 | 22:00 | 22:15 | 1.632 |
| 14.03.2020 | 22:15 | 22:30 | 1.573 |
| 14.03.2020 | 22:30 | 22:45 | 1.523 |
| 14.03.2020 | 22:45 | 23:00 | 1.472 |
| 14.03.2020 | 23:00 | 23:15 | 1.427 |
| 14.03.2020 | 23:15 | 23:30 | 1.370 |
| 14.03.2020 | 23:30 | 23:45 | 1.311 |
| 14.03.2020 | 23:45 | 00:00 | 1.257 |
| 15.03.2020 | 00:00 | 00:15 | 1.203 |
| 15.03.2020 | 00:15 | 00:30 | 1.157 |
| 15.03.2020 | 00:30 | 00:45 | 1.124 |
| 15.03.2020 | 00:45 | 01:00 | 1.089 |
| 15.03.2020 | 01:00 | 01:15 | 1.049 |
| 15.03.2020 | 01:15 | 01:30 | 1.025 |
| 15.03.2020 | 01:30 | 01:45 | 1.001 |
| 15.03.2020 | 01:45 | 02:00 | 980 |
| 15.03.2020 | 02:00 | 02:15 | 973 |
| 15.03.2020 | 02:15 | 02:30 | 959 |
| 15.03.2020 | 02:30 | 02:45 | 945 |
| 15.03.2020 | 02:45 | 03:00 | 938 |
| 15.03.2020 | 03:00 | 03:15 | 937 |
| 15.03.2020 | 03:15 | 03:30 | 930 |
| 15.03.2020 | 03:30 | 03:45 | 925 |
| 15.03.2020 | 03:45 | 04:00 | 927 |
| 15.03.2020 | 04:00 | 04:15 | 936 |
| 15.03.2020 | 04:15 | 04:30 | 939 |
| 15.03.2020 | 04:30 | 04:45 | 941 |
| 15.03.2020 | 04:45 | 05:00 | 938 |
| 15.03.2020 | 05:00 | 05:15 | 955 |
| 15.03.2020 | 05:15 | 05:30 | 961 |
| 15.03.2020 | 05:30 | 05:45 | 971 |
| 15.03.2020 | 05:45 | 06:00 | 995 |
| 15.03.2020 | 06:00 | 06:15 | 996 |
| 15.03.2020 | 06:15 | 06:30 | 988 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.03.2020 | 06:30 | 06:45 | 980 |
| 15.03.2020 | 06:45 | 07:00 | 997 |
| 15.03.2020 | 07:00 | 07:15 | 1.032 |
| 15.03.2020 | 07:15 | 07:30 | 1.066 |
| 15.03.2020 | 07:30 | 07:45 | 1.115 |
| 15.03.2020 | 07:45 | 08:00 | 1.177 |
| 15.03.2020 | 08:00 | 08:15 | 1.235 |
| 15.03.2020 | 08:15 | 08:30 | 1.296 |
| 15.03.2020 | 08:30 | 08:45 | 1.364 |
| 15.03.2020 | 08:45 | 09:00 | 1.420 |
| 15.03.2020 | 09:00 | 09:15 | 1.509 |
| 15.03.2020 | 09:15 | 09:30 | 1.591 |
| 15.03.2020 | 09:30 | 09:45 | 1.639 |
| 15.03.2020 | 09:45 | 10:00 | 1.684 |
| 15.03.2020 | 10:00 | 10:15 | 1.761 |
| 15.03.2020 | 10:15 | 10:30 | 1.802 |
| 15.03.2020 | 10:30 | 10:45 | 1.855 |
| 15.03.2020 | 10:45 | 11:00 | 1.879 |
| 15.03.2020 | 11:00 | 11:15 | 1.886 |
| 15.03.2020 | 11:15 | 11:30 | 1.963 |
| 15.03.2020 | 11:30 | 11:45 | 1.968 |
| 15.03.2020 | 11:45 | 12:00 | 1.989 |
| 15.03.2020 | 12:00 | 12:15 | 1.998 |
| 15.03.2020 | 12:15 | 12:30 | 2.006 |
| 15.03.2020 | 12:30 | 12:45 | 1.983 |
| 15.03.2020 | 12:45 | 13:00 | 1.979 |
| 15.03.2020 | 13:00 | 13:15 | 1.964 |
| 15.03.2020 | 13:15 | 13:30 | 1.934 |
| 15.03.2020 | 13:30 | 13:45 | 1.904 |
| 15.03.2020 | 13:45 | 14:00 | 1.853 |
| 15.03.2020 | 14:00 | 14:15 | 1.824 |
| 15.03.2020 | 14:15 | 14:30 | 1.787 |
| 15.03.2020 | 14:30 | 14:45 | 1.779 |
| 15.03.2020 | 14:45 | 15:00 | 1.778 |
| 15.03.2020 | 15:00 | 15:15 | 1.751 |
| 15.03.2020 | 15:15 | 15:30 | 1.731 |
| 15.03.2020 | 15:30 | 15:45 | 1.725 |
| 15.03.2020 | 15:45 | 16:00 | 1.697 |
| 15.03.2020 | 16:00 | 16:15 | 1.674 |
| 15.03.2020 | 16:15 | 16:30 | 1.680 |
| 15.03.2020 | 16:30 | 16:45 | 1.688 |
| 15.03.2020 | 16:45 | 17:00 | 1.713 |
| 15.03.2020 | 17:00 | 17:15 | 1.738 |
| 15.03.2020 | 17:15 | 17:30 | 1.756 |
| 15.03.2020 | 17:30 | 17:45 | 1.793 |
| 15.03.2020 | 17:45 | 18:00 | 1.819 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.03.2020 | 18:00 | 18:15 | 1.877 |
| 15.03.2020 | 18:15 | 18:30 | 1.927 |
| 15.03.2020 | 18:30 | 18:45 | 1.997 |
| 15.03.2020 | 18:45 | 19:00 | 2.059 |
| 15.03.2020 | 19:00 | 19:15 | 2.132 |
| 15.03.2020 | 19:15 | 19:30 | 2.160 |
| 15.03.2020 | 19:30 | 19:45 | 2.142 |
| 15.03.2020 | 19:45 | 20:00 | 2.065 |
| 15.03.2020 | 20:00 | 20:15 | 1.966 |
| 15.03.2020 | 20:15 | 20:30 | 1.874 |
| 15.03.2020 | 20:30 | 20:45 | 1.803 |
| 15.03.2020 | 20:45 | 21:00 | 1.739 |
| 15.03.2020 | 21:00 | 21:15 | 1.663 |
| 15.03.2020 | 21:15 | 21:30 | 1.619 |
| 15.03.2020 | 21:30 | 21:45 | 1.540 |
| 15.03.2020 | 21:45 | 22:00 | 1.507 |
| 15.03.2020 | 22:00 | 22:15 | 1.582 |
| 15.03.2020 | 22:15 | 22:30 | 1.544 |
| 15.03.2020 | 22:30 | 22:45 | 1.484 |
| 15.03.2020 | 22:45 | 23:00 | 1.433 |
| 15.03.2020 | 23:00 | 23:15 | 1.360 |
| 15.03.2020 | 23:15 | 23:30 | 1.307 |
| 15.03.2020 | 23:30 | 23:45 | 1.270 |
| 15.03.2020 | 23:45 | 00:00 | 1.215 |
| 16.03.2020 | 00:00 | 00:15 | 1.156 |
| 16.03.2020 | 00:15 | 00:30 | 1.123 |
| 16.03.2020 | 00:30 | 00:45 | 1.100 |
| 16.03.2020 | 00:45 | 01:00 | 1.066 |
| 16.03.2020 | 01:00 | 01:15 | 1.044 |
| 16.03.2020 | 01:15 | 01:30 | 1.022 |
| 16.03.2020 | 01:30 | 01:45 | 1.005 |
| 16.03.2020 | 01:45 | 02:00 | 986 |
| 16.03.2020 | 02:00 | 02:15 | 976 |
| 16.03.2020 | 02:15 | 02:30 | 966 |
| 16.03.2020 | 02:30 | 02:45 | 962 |
| 16.03.2020 | 02:45 | 03:00 | 955 |
| 16.03.2020 | 03:00 | 03:15 | 959 |
| 16.03.2020 | 03:15 | 03:30 | 954 |
| 16.03.2020 | 03:30 | 03:45 | 966 |
| 16.03.2020 | 03:45 | 04:00 | 979 |
| 16.03.2020 | 04:00 | 04:15 | 1.010 |
| 16.03.2020 | 04:15 | 04:30 | 1.031 |
| 16.03.2020 | 04:30 | 04:45 | 1.051 |
| 16.03.2020 | 04:45 | 05:00 | 1.086 |
| 16.03.2020 | 05:00 | 05:15 | 1.170 |
| 16.03.2020 | 05:15 | 05:30 | 1.213 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.03.2020 | 05:30 | 05:45 | 1.280 |
| 16.03.2020 | 05:45 | 06:00 | 1.357 |
| 16.03.2020 | 06:00 | 06:15 | 1.492 |
| 16.03.2020 | 06:15 | 06:30 | 1.629 |
| 16.03.2020 | 06:30 | 06:45 | 1.687 |
| 16.03.2020 | 06:45 | 07:00 | 1.747 |
| 16.03.2020 | 07:00 | 07:15 | 1.842 |
| 16.03.2020 | 07:15 | 07:30 | 1.907 |
| 16.03.2020 | 07:30 | 07:45 | 1.972 |
| 16.03.2020 | 07:45 | 08:00 | 2.025 |
| 16.03.2020 | 08:00 | 08:15 | 2.050 |
| 16.03.2020 | 08:15 | 08:30 | 2.076 |
| 16.03.2020 | 08:30 | 08:45 | 2.109 |
| 16.03.2020 | 08:45 | 09:00 | 2.192 |
| 16.03.2020 | 09:00 | 09:15 | 2.206 |
| 16.03.2020 | 09:15 | 09:30 | 2.220 |
| 16.03.2020 | 09:30 | 09:45 | 2.256 |
| 16.03.2020 | 09:45 | 10:00 | 2.276 |
| 16.03.2020 | 10:00 | 10:15 | 2.270 |
| 16.03.2020 | 10:15 | 10:30 | 2.301 |
| 16.03.2020 | 10:30 | 10:45 | 2.336 |
| 16.03.2020 | 10:45 | 11:00 | 2.369 |
| 16.03.2020 | 11:00 | 11:15 | 2.382 |
| 16.03.2020 | 11:15 | 11:30 | 2.410 |
| 16.03.2020 | 11:30 | 11:45 | 2.424 |
| 16.03.2020 | 11:45 | 12:00 | 2.475 |
| 16.03.2020 | 12:00 | 12:15 | 2.471 |
| 16.03.2020 | 12:15 | 12:30 | 2.514 |
| 16.03.2020 | 12:30 | 12:45 | 2.530 |
| 16.03.2020 | 12:45 | 13:00 | 2.499 |
| 16.03.2020 | 13:00 | 13:15 | 2.476 |
| 16.03.2020 | 13:15 | 13:30 | 2.433 |
| 16.03.2020 | 13:30 | 13:45 | 2.414 |
| 16.03.2020 | 13:45 | 14:00 | 2.390 |
| 16.03.2020 | 14:00 | 14:15 | 2.323 |
| 16.03.2020 | 14:15 | 14:30 | 2.335 |
| 16.03.2020 | 14:30 | 14:45 | 2.306 |
| 16.03.2020 | 14:45 | 15:00 | 2.272 |
| 16.03.2020 | 15:00 | 15:15 | 2.277 |
| 16.03.2020 | 15:15 | 15:30 | 2.276 |
| 16.03.2020 | 15:30 | 15:45 | 2.263 |
| 16.03.2020 | 15:45 | 16:00 | 2.238 |
| 16.03.2020 | 16:00 | 16:15 | 2.251 |
| 16.03.2020 | 16:15 | 16:30 | 2.237 |
| 16.03.2020 | 16:30 | 16:45 | 2.247 |
| 16.03.2020 | 16:45 | 17:00 | 2.267 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.03.2020 | 17:00 | 17:15 | 2.267 |
| 16.03.2020 | 17:15 | 17:30 | 2.302 |
| 16.03.2020 | 17:30 | 17:45 | 2.321 |
| 16.03.2020 | 17:45 | 18:00 | 2.345 |
| 16.03.2020 | 18:00 | 18:15 | 2.338 |
| 16.03.2020 | 18:15 | 18:30 | 2.403 |
| 16.03.2020 | 18:30 | 18:45 | 2.515 |
| 16.03.2020 | 18:45 | 19:00 | 2.610 |
| 16.03.2020 | 19:00 | 19:15 | 2.727 |
| 16.03.2020 | 19:15 | 19:30 | 2.718 |
| 16.03.2020 | 19:30 | 19:45 | 2.629 |
| 16.03.2020 | 19:45 | 20:00 | 2.587 |
| 16.03.2020 | 20:00 | 20:15 | 2.419 |
| 16.03.2020 | 20:15 | 20:30 | 2.330 |
| 16.03.2020 | 20:30 | 20:45 | 2.235 |
| 16.03.2020 | 20:45 | 21:00 | 2.110 |
| 16.03.2020 | 21:00 | 21:15 | 1.987 |
| 16.03.2020 | 21:15 | 21:30 | 1.887 |
| 16.03.2020 | 21:30 | 21:45 | 1.786 |
| 16.03.2020 | 21:45 | 22:00 | 1.714 |
| 16.03.2020 | 22:00 | 22:15 | 1.736 |
| 16.03.2020 | 22:15 | 22:30 | 1.680 |
| 16.03.2020 | 22:30 | 22:45 | 1.625 |
| 16.03.2020 | 22:45 | 23:00 | 1.574 |
| 16.03.2020 | 23:00 | 23:15 | 1.497 |
| 16.03.2020 | 23:15 | 23:30 | 1.439 |
| 16.03.2020 | 23:30 | 23:45 | 1.369 |
| 16.03.2020 | 23:45 | 00:00 | 1.296 |
| 17.03.2020 | 00:00 | 00:15 | 1.256 |
| 17.03.2020 | 00:15 | 00:30 | 1.222 |
| 17.03.2020 | 00:30 | 00:45 | 1.188 |
| 17.03.2020 | 00:45 | 01:00 | 1.150 |
| 17.03.2020 | 01:00 | 01:15 | 1.122 |
| 17.03.2020 | 01:15 | 01:30 | 1.110 |
| 17.03.2020 | 01:30 | 01:45 | 1.080 |
| 17.03.2020 | 01:45 | 02:00 | 1.073 |
| 17.03.2020 | 02:00 | 02:15 | 1.069 |
| 17.03.2020 | 02:15 | 02:30 | 1.048 |
| 17.03.2020 | 02:30 | 02:45 | 1.034 |
| 17.03.2020 | 02:45 | 03:00 | 1.027 |
| 17.03.2020 | 03:00 | 03:15 | 1.015 |
| 17.03.2020 | 03:15 | 03:30 | 1.005 |
| 17.03.2020 | 03:30 | 03:45 | 1.015 |
| 17.03.2020 | 03:45 | 04:00 | 1.028 |
| 17.03.2020 | 04:00 | 04:15 | 1.043 |
| 17.03.2020 | 04:15 | 04:30 | 1.077 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.03.2020 | 04:30 | 04:45 | 1.104 |
| 17.03.2020 | 04:45 | 05:00 | 1.145 |
| 17.03.2020 | 05:00 | 05:15 | 1.211 |
| 17.03.2020 | 05:15 | 05:30 | 1.249 |
| 17.03.2020 | 05:30 | 05:45 | 1.297 |
| 17.03.2020 | 05:45 | 06:00 | 1.380 |
| 17.03.2020 | 06:00 | 06:15 | 1.505 |
| 17.03.2020 | 06:15 | 06:30 | 1.562 |
| 17.03.2020 | 06:30 | 06:45 | 1.636 |
| 17.03.2020 | 06:45 | 07:00 | 1.691 |
| 17.03.2020 | 07:00 | 07:15 | 1.800 |
| 17.03.2020 | 07:15 | 07:30 | 1.856 |
| 17.03.2020 | 07:30 | 07:45 | 1.937 |
| 17.03.2020 | 07:45 | 08:00 | 1.943 |
| 17.03.2020 | 08:00 | 08:15 | 2.033 |
| 17.03.2020 | 08:15 | 08:30 | 2.058 |
| 17.03.2020 | 08:30 | 08:45 | 2.106 |
| 17.03.2020 | 08:45 | 09:00 | 2.190 |
| 17.03.2020 | 09:00 | 09:15 | 2.229 |
| 17.03.2020 | 09:15 | 09:30 | 2.270 |
| 17.03.2020 | 09:30 | 09:45 | 2.294 |
| 17.03.2020 | 09:45 | 10:00 | 2.336 |
| 17.03.2020 | 10:00 | 10:15 | 2.336 |
| 17.03.2020 | 10:15 | 10:30 | 2.343 |
| 17.03.2020 | 10:30 | 10:45 | 2.384 |
| 17.03.2020 | 10:45 | 11:00 | 2.442 |
| 17.03.2020 | 11:00 | 11:15 | 2.444 |
| 17.03.2020 | 11:15 | 11:30 | 2.500 |
| 17.03.2020 | 11:30 | 11:45 | 2.502 |
| 17.03.2020 | 11:45 | 12:00 | 2.529 |
| 17.03.2020 | 12:00 | 12:15 | 2.501 |
| 17.03.2020 | 12:15 | 12:30 | 2.525 |
| 17.03.2020 | 12:30 | 12:45 | 2.537 |
| 17.03.2020 | 12:45 | 13:00 | 2.537 |
| 17.03.2020 | 13:00 | 13:15 | 2.497 |
| 17.03.2020 | 13:15 | 13:30 | 2.440 |
| 17.03.2020 | 13:30 | 13:45 | 2.426 |
| 17.03.2020 | 13:45 | 14:00 | 2.355 |
| 17.03.2020 | 14:00 | 14:15 | 2.295 |
| 17.03.2020 | 14:15 | 14:30 | 2.307 |
| 17.03.2020 | 14:30 | 14:45 | 2.281 |
| 17.03.2020 | 14:45 | 15:00 | 2.246 |
| 17.03.2020 | 15:00 | 15:15 | 2.232 |
| 17.03.2020 | 15:15 | 15:30 | 2.219 |
| 17.03.2020 | 15:30 | 15:45 | 2.179 |
| 17.03.2020 | 15:45 | 16:00 | 2.184 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.03.2020 | 16:00 | 16:15 | 2.210 |
| 17.03.2020 | 16:15 | 16:30 | 2.221 |
| 17.03.2020 | 16:30 | 16:45 | 2.228 |
| 17.03.2020 | 16:45 | 17:00 | 2.240 |
| 17.03.2020 | 17:00 | 17:15 | 2.262 |
| 17.03.2020 | 17:15 | 17:30 | 2.287 |
| 17.03.2020 | 17:30 | 17:45 | 2.297 |
| 17.03.2020 | 17:45 | 18:00 | 2.353 |
| 17.03.2020 | 18:00 | 18:15 | 2.387 |
| 17.03.2020 | 18:15 | 18:30 | 2.459 |
| 17.03.2020 | 18:30 | 18:45 | 2.529 |
| 17.03.2020 | 18:45 | 19:00 | 2.620 |
| 17.03.2020 | 19:00 | 19:15 | 2.760 |
| 17.03.2020 | 19:15 | 19:30 | 2.752 |
| 17.03.2020 | 19:30 | 19:45 | 2.680 |
| 17.03.2020 | 19:45 | 20:00 | 2.579 |
| 17.03.2020 | 20:00 | 20:15 | 2.438 |
| 17.03.2020 | 20:15 | 20:30 | 2.324 |
| 17.03.2020 | 20:30 | 20:45 | 2.239 |
| 17.03.2020 | 20:45 | 21:00 | 2.146 |
| 17.03.2020 | 21:00 | 21:15 | 2.006 |
| 17.03.2020 | 21:15 | 21:30 | 1.929 |
| 17.03.2020 | 21:30 | 21:45 | 1.828 |
| 17.03.2020 | 21:45 | 22:00 | 1.713 |
| 17.03.2020 | 22:00 | 22:15 | 1.724 |
| 17.03.2020 | 22:15 | 22:30 | 1.678 |
| 17.03.2020 | 22:30 | 22:45 | 1.615 |
| 17.03.2020 | 22:45 | 23:00 | 1.546 |
| 17.03.2020 | 23:00 | 23:15 | 1.487 |
| 17.03.2020 | 23:15 | 23:30 | 1.438 |
| 17.03.2020 | 23:30 | 23:45 | 1.364 |
| 17.03.2020 | 23:45 | 00:00 | 1.306 |
| 18.03.2020 | 00:00 | 00:15 | 1.255 |
| 18.03.2020 | 00:15 | 00:30 | 1.208 |
| 18.03.2020 | 00:30 | 00:45 | 1.181 |
| 18.03.2020 | 00:45 | 01:00 | 1.158 |
| 18.03.2020 | 01:00 | 01:15 | 1.125 |
| 18.03.2020 | 01:15 | 01:30 | 1.101 |
| 18.03.2020 | 01:30 | 01:45 | 1.073 |
| 18.03.2020 | 01:45 | 02:00 | 1.067 |
| 18.03.2020 | 02:00 | 02:15 | 1.056 |
| 18.03.2020 | 02:15 | 02:30 | 1.050 |
| 18.03.2020 | 02:30 | 02:45 | 1.026 |
| 18.03.2020 | 02:45 | 03:00 | 1.019 |
| 18.03.2020 | 03:00 | 03:15 | 1.018 |
| 18.03.2020 | 03:15 | 03:30 | 1.020 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.03.2020 | 03:30 | 03:45 | 1.031 |
| 18.03.2020 | 03:45 | 04:00 | 1.037 |
| 18.03.2020 | 04:00 | 04:15 | 1.049 |
| 18.03.2020 | 04:15 | 04:30 | 1.078 |
| 18.03.2020 | 04:30 | 04:45 | 1.095 |
| 18.03.2020 | 04:45 | 05:00 | 1.125 |
| 18.03.2020 | 05:00 | 05:15 | 1.216 |
| 18.03.2020 | 05:15 | 05:30 | 1.256 |
| 18.03.2020 | 05:30 | 05:45 | 1.299 |
| 18.03.2020 | 05:45 | 06:00 | 1.382 |
| 18.03.2020 | 06:00 | 06:15 | 1.463 |
| 18.03.2020 | 06:15 | 06:30 | 1.519 |
| 18.03.2020 | 06:30 | 06:45 | 1.605 |
| 18.03.2020 | 06:45 | 07:00 | 1.661 |
| 18.03.2020 | 07:00 | 07:15 | 1.753 |
| 18.03.2020 | 07:15 | 07:30 | 1.821 |
| 18.03.2020 | 07:30 | 07:45 | 1.901 |
| 18.03.2020 | 07:45 | 08:00 | 1.962 |
| 18.03.2020 | 08:00 | 08:15 | 1.989 |
| 18.03.2020 | 08:15 | 08:30 | 2.036 |
| 18.03.2020 | 08:30 | 08:45 | 2.096 |
| 18.03.2020 | 08:45 | 09:00 | 2.127 |
| 18.03.2020 | 09:00 | 09:15 | 2.171 |
| 18.03.2020 | 09:15 | 09:30 | 2.231 |
| 18.03.2020 | 09:30 | 09:45 | 2.265 |
| 18.03.2020 | 09:45 | 10:00 | 2.305 |
| 18.03.2020 | 10:00 | 10:15 | 2.305 |
| 18.03.2020 | 10:15 | 10:30 | 2.332 |
| 18.03.2020 | 10:30 | 10:45 | 2.328 |
| 18.03.2020 | 10:45 | 11:00 | 2.364 |
| 18.03.2020 | 11:00 | 11:15 | 2.375 |
| 18.03.2020 | 11:15 | 11:30 | 2.426 |
| 18.03.2020 | 11:30 | 11:45 | 2.464 |
| 18.03.2020 | 11:45 | 12:00 | 2.483 |
| 18.03.2020 | 12:00 | 12:15 | 2.454 |
| 18.03.2020 | 12:15 | 12:30 | 2.479 |
| 18.03.2020 | 12:30 | 12:45 | 2.485 |
| 18.03.2020 | 12:45 | 13:00 | 2.460 |
| 18.03.2020 | 13:00 | 13:15 | 2.418 |
| 18.03.2020 | 13:15 | 13:30 | 2.361 |
| 18.03.2020 | 13:30 | 13:45 | 2.322 |
| 18.03.2020 | 13:45 | 14:00 | 2.294 |
| 18.03.2020 | 14:00 | 14:15 | 2.251 |
| 18.03.2020 | 14:15 | 14:30 | 2.220 |
| 18.03.2020 | 14:30 | 14:45 | 2.195 |
| 18.03.2020 | 14:45 | 15:00 | 2.179 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.03.2020 | 15:00 | 15:15 | 2.157 |
| 18.03.2020 | 15:15 | 15:30 | 2.152 |
| 18.03.2020 | 15:30 | 15:45 | 2.111 |
| 18.03.2020 | 15:45 | 16:00 | 2.096 |
| 18.03.2020 | 16:00 | 16:15 | 2.125 |
| 18.03.2020 | 16:15 | 16:30 | 2.132 |
| 18.03.2020 | 16:30 | 16:45 | 2.122 |
| 18.03.2020 | 16:45 | 17:00 | 2.146 |
| 18.03.2020 | 17:00 | 17:15 | 2.145 |
| 18.03.2020 | 17:15 | 17:30 | 2.202 |
| 18.03.2020 | 17:30 | 17:45 | 2.213 |
| 18.03.2020 | 17:45 | 18:00 | 2.256 |
| 18.03.2020 | 18:00 | 18:15 | 2.269 |
| 18.03.2020 | 18:15 | 18:30 | 2.301 |
| 18.03.2020 | 18:30 | 18:45 | 2.336 |
| 18.03.2020 | 18:45 | 19:00 | 2.468 |
| 18.03.2020 | 19:00 | 19:15 | 2.590 |
| 18.03.2020 | 19:15 | 19:30 | 2.565 |
| 18.03.2020 | 19:30 | 19:45 | 2.512 |
| 18.03.2020 | 19:45 | 20:00 | 2.490 |
| 18.03.2020 | 20:00 | 20:15 | 2.359 |
| 18.03.2020 | 20:15 | 20:30 | 2.242 |
| 18.03.2020 | 20:30 | 20:45 | 2.160 |
| 18.03.2020 | 20:45 | 21:00 | 2.053 |
| 18.03.2020 | 21:00 | 21:15 | 1.955 |
| 18.03.2020 | 21:15 | 21:30 | 1.870 |
| 18.03.2020 | 21:30 | 21:45 | 1.766 |
| 18.03.2020 | 21:45 | 22:00 | 1.703 |
| 18.03.2020 | 22:00 | 22:15 | 1.708 |
| 18.03.2020 | 22:15 | 22:30 | 1.651 |
| 18.03.2020 | 22:30 | 22:45 | 1.614 |
| 18.03.2020 | 22:45 | 23:00 | 1.548 |
| 18.03.2020 | 23:00 | 23:15 | 1.468 |
| 18.03.2020 | 23:15 | 23:30 | 1.408 |
| 18.03.2020 | 23:30 | 23:45 | 1.356 |
| 18.03.2020 | 23:45 | 00:00 | 1.297 |
| 19.03.2020 | 00:00 | 00:15 | 1.253 |
| 19.03.2020 | 00:15 | 00:30 | 1.214 |
| 19.03.2020 | 00:30 | 00:45 | 1.187 |
| 19.03.2020 | 00:45 | 01:00 | 1.146 |
| 19.03.2020 | 01:00 | 01:15 | 1.117 |
| 19.03.2020 | 01:15 | 01:30 | 1.093 |
| 19.03.2020 | 01:30 | 01:45 | 1.076 |
| 19.03.2020 | 01:45 | 02:00 | 1.066 |
| 19.03.2020 | 02:00 | 02:15 | 1.044 |
| 19.03.2020 | 02:15 | 02:30 | 1.031 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.03.2020 | 02:30 | 02:45 | 1.015 |
| 19.03.2020 | 02:45 | 03:00 | 1.011 |
| 19.03.2020 | 03:00 | 03:15 | 1.017 |
| 19.03.2020 | 03:15 | 03:30 | 1.016 |
| 19.03.2020 | 03:30 | 03:45 | 1.022 |
| 19.03.2020 | 03:45 | 04:00 | 1.039 |
| 19.03.2020 | 04:00 | 04:15 | 1.062 |
| 19.03.2020 | 04:15 | 04:30 | 1.084 |
| 19.03.2020 | 04:30 | 04:45 | 1.099 |
| 19.03.2020 | 04:45 | 05:00 | 1.123 |
| 19.03.2020 | 05:00 | 05:15 | 1.197 |
| 19.03.2020 | 05:15 | 05:30 | 1.224 |
| 19.03.2020 | 05:30 | 05:45 | 1.267 |
| 19.03.2020 | 05:45 | 06:00 | 1.358 |
| 19.03.2020 | 06:00 | 06:15 | 1.445 |
| 19.03.2020 | 06:15 | 06:30 | 1.496 |
| 19.03.2020 | 06:30 | 06:45 | 1.554 |
| 19.03.2020 | 06:45 | 07:00 | 1.602 |
| 19.03.2020 | 07:00 | 07:15 | 1.701 |
| 19.03.2020 | 07:15 | 07:30 | 1.782 |
| 19.03.2020 | 07:30 | 07:45 | 1.822 |
| 19.03.2020 | 07:45 | 08:00 | 1.878 |
| 19.03.2020 | 08:00 | 08:15 | 1.933 |
| 19.03.2020 | 08:15 | 08:30 | 2.017 |
| 19.03.2020 | 08:30 | 08:45 | 2.059 |
| 19.03.2020 | 08:45 | 09:00 | 2.108 |
| 19.03.2020 | 09:00 | 09:15 | 2.148 |
| 19.03.2020 | 09:15 | 09:30 | 2.198 |
| 19.03.2020 | 09:30 | 09:45 | 2.241 |
| 19.03.2020 | 09:45 | 10:00 | 2.266 |
| 19.03.2020 | 10:00 | 10:15 | 2.255 |
| 19.03.2020 | 10:15 | 10:30 | 2.304 |
| 19.03.2020 | 10:30 | 10:45 | 2.330 |
| 19.03.2020 | 10:45 | 11:00 | 2.324 |
| 19.03.2020 | 11:00 | 11:15 | 2.370 |
| 19.03.2020 | 11:15 | 11:30 | 2.396 |
| 19.03.2020 | 11:30 | 11:45 | 2.420 |
| 19.03.2020 | 11:45 | 12:00 | 2.475 |
| 19.03.2020 | 12:00 | 12:15 | 2.451 |
| 19.03.2020 | 12:15 | 12:30 | 2.440 |
| 19.03.2020 | 12:30 | 12:45 | 2.453 |
| 19.03.2020 | 12:45 | 13:00 | 2.435 |
| 19.03.2020 | 13:00 | 13:15 | 2.432 |
| 19.03.2020 | 13:15 | 13:30 | 2.409 |
| 19.03.2020 | 13:30 | 13:45 | 2.338 |
| 19.03.2020 | 13:45 | 14:00 | 2.322 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.03.2020 | 14:00 | 14:15 | 2.305 |
| 19.03.2020 | 14:15 | 14:30 | 2.293 |
| 19.03.2020 | 14:30 | 14:45 | 2.299 |
| 19.03.2020 | 14:45 | 15:00 | 2.308 |
| 19.03.2020 | 15:00 | 15:15 | 2.314 |
| 19.03.2020 | 15:15 | 15:30 | 2.300 |
| 19.03.2020 | 15:30 | 15:45 | 2.302 |
| 19.03.2020 | 15:45 | 16:00 | 2.275 |
| 19.03.2020 | 16:00 | 16:15 | 2.291 |
| 19.03.2020 | 16:15 | 16:30 | 2.307 |
| 19.03.2020 | 16:30 | 16:45 | 2.288 |
| 19.03.2020 | 16:45 | 17:00 | 2.302 |
| 19.03.2020 | 17:00 | 17:15 | 2.328 |
| 19.03.2020 | 17:15 | 17:30 | 2.375 |
| 19.03.2020 | 17:30 | 17:45 | 2.396 |
| 19.03.2020 | 17:45 | 18:00 | 2.407 |
| 19.03.2020 | 18:00 | 18:15 | 2.371 |
| 19.03.2020 | 18:15 | 18:30 | 2.405 |
| 19.03.2020 | 18:30 | 18:45 | 2.451 |
| 19.03.2020 | 18:45 | 19:00 | 2.553 |
| 19.03.2020 | 19:00 | 19:15 | 2.611 |
| 19.03.2020 | 19:15 | 19:30 | 2.597 |
| 19.03.2020 | 19:30 | 19:45 | 2.535 |
| 19.03.2020 | 19:45 | 20:00 | 2.476 |
| 19.03.2020 | 20:00 | 20:15 | 2.350 |
| 19.03.2020 | 20:15 | 20:30 | 2.273 |
| 19.03.2020 | 20:30 | 20:45 | 2.158 |
| 19.03.2020 | 20:45 | 21:00 | 2.067 |
| 19.03.2020 | 21:00 | 21:15 | 1.937 |
| 19.03.2020 | 21:15 | 21:30 | 1.838 |
| 19.03.2020 | 21:30 | 21:45 | 1.733 |
| 19.03.2020 | 21:45 | 22:00 | 1.646 |
| 19.03.2020 | 22:00 | 22:15 | 1.665 |
| 19.03.2020 | 22:15 | 22:30 | 1.608 |
| 19.03.2020 | 22:30 | 22:45 | 1.587 |
| 19.03.2020 | 22:45 | 23:00 | 1.497 |
| 19.03.2020 | 23:00 | 23:15 | 1.435 |
| 19.03.2020 | 23:15 | 23:30 | 1.381 |
| 19.03.2020 | 23:30 | 23:45 | 1.342 |
| 19.03.2020 | 23:45 | 00:00 | 1.292 |
| 20.03.2020 | 00:00 | 00:15 | 1.234 |
| 20.03.2020 | 00:15 | 00:30 | 1.196 |
| 20.03.2020 | 00:30 | 00:45 | 1.166 |
| 20.03.2020 | 00:45 | 01:00 | 1.143 |
| 20.03.2020 | 01:00 | 01:15 | 1.121 |
| 20.03.2020 | 01:15 | 01:30 | 1.095 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.03.2020 | 01:30 | 01:45 | 1.071 |
| 20.03.2020 | 01:45 | 02:00 | 1.052 |
| 20.03.2020 | 02:00 | 02:15 | 1.039 |
| 20.03.2020 | 02:15 | 02:30 | 1.020 |
| 20.03.2020 | 02:30 | 02:45 | 1.009 |
| 20.03.2020 | 02:45 | 03:00 | 1.000 |
| 20.03.2020 | 03:00 | 03:15 | 1.001 |
| 20.03.2020 | 03:15 | 03:30 | 1.002 |
| 20.03.2020 | 03:30 | 03:45 | 1.007 |
| 20.03.2020 | 03:45 | 04:00 | 1.021 |
| 20.03.2020 | 04:00 | 04:15 | 1.043 |
| 20.03.2020 | 04:15 | 04:30 | 1.065 |
| 20.03.2020 | 04:30 | 04:45 | 1.085 |
| 20.03.2020 | 04:45 | 05:00 | 1.113 |
| 20.03.2020 | 05:00 | 05:15 | 1.173 |
| 20.03.2020 | 05:15 | 05:30 | 1.212 |
| 20.03.2020 | 05:30 | 05:45 | 1.266 |
| 20.03.2020 | 05:45 | 06:00 | 1.332 |
| 20.03.2020 | 06:00 | 06:15 | 1.423 |
| 20.03.2020 | 06:15 | 06:30 | 1.489 |
| 20.03.2020 | 06:30 | 06:45 | 1.539 |
| 20.03.2020 | 06:45 | 07:00 | 1.613 |
| 20.03.2020 | 07:00 | 07:15 | 1.701 |
| 20.03.2020 | 07:15 | 07:30 | 1.768 |
| 20.03.2020 | 07:30 | 07:45 | 1.820 |
| 20.03.2020 | 07:45 | 08:00 | 1.874 |
| 20.03.2020 | 08:00 | 08:15 | 1.944 |
| 20.03.2020 | 08:15 | 08:30 | 1.989 |
| 20.03.2020 | 08:30 | 08:45 | 2.042 |
| 20.03.2020 | 08:45 | 09:00 | 2.103 |
| 20.03.2020 | 09:00 | 09:15 | 2.126 |
| 20.03.2020 | 09:15 | 09:30 | 2.183 |
| 20.03.2020 | 09:30 | 09:45 | 2.230 |
| 20.03.2020 | 09:45 | 10:00 | 2.265 |
| 20.03.2020 | 10:00 | 10:15 | 2.293 |
| 20.03.2020 | 10:15 | 10:30 | 2.339 |
| 20.03.2020 | 10:30 | 10:45 | 2.375 |
| 20.03.2020 | 10:45 | 11:00 | 2.435 |
| 20.03.2020 | 11:00 | 11:15 | 2.511 |
| 20.03.2020 | 11:15 | 11:30 | 2.581 |
| 20.03.2020 | 11:30 | 11:45 | 2.616 |
| 20.03.2020 | 11:45 | 12:00 | 2.661 |
| 20.03.2020 | 12:00 | 12:15 | 2.674 |
| 20.03.2020 | 12:15 | 12:30 | 2.689 |
| 20.03.2020 | 12:30 | 12:45 | 2.654 |
| 20.03.2020 | 12:45 | 13:00 | 2.678 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.03.2020 | 13:00 | 13:15 | 2.628 |
| 20.03.2020 | 13:15 | 13:30 | 2.624 |
| 20.03.2020 | 13:30 | 13:45 | 2.579 |
| 20.03.2020 | 13:45 | 14:00 | 2.533 |
| 20.03.2020 | 14:00 | 14:15 | 2.508 |
| 20.03.2020 | 14:15 | 14:30 | 2.478 |
| 20.03.2020 | 14:30 | 14:45 | 2.458 |
| 20.03.2020 | 14:45 | 15:00 | 2.414 |
| 20.03.2020 | 15:00 | 15:15 | 2.418 |
| 20.03.2020 | 15:15 | 15:30 | 2.374 |
| 20.03.2020 | 15:30 | 15:45 | 2.342 |
| 20.03.2020 | 15:45 | 16:00 | 2.363 |
| 20.03.2020 | 16:00 | 16:15 | 2.398 |
| 20.03.2020 | 16:15 | 16:30 | 2.368 |
| 20.03.2020 | 16:30 | 16:45 | 2.348 |
| 20.03.2020 | 16:45 | 17:00 | 2.392 |
| 20.03.2020 | 17:00 | 17:15 | 2.400 |
| 20.03.2020 | 17:15 | 17:30 | 2.401 |
| 20.03.2020 | 17:30 | 17:45 | 2.428 |
| 20.03.2020 | 17:45 | 18:00 | 2.457 |
| 20.03.2020 | 18:00 | 18:15 | 2.490 |
| 20.03.2020 | 18:15 | 18:30 | 2.529 |
| 20.03.2020 | 18:30 | 18:45 | 2.556 |
| 20.03.2020 | 18:45 | 19:00 | 2.595 |
| 20.03.2020 | 19:00 | 19:15 | 2.660 |
| 20.03.2020 | 19:15 | 19:30 | 2.634 |
| 20.03.2020 | 19:30 | 19:45 | 2.553 |
| 20.03.2020 | 19:45 | 20:00 | 2.449 |
| 20.03.2020 | 20:00 | 20:15 | 2.359 |
| 20.03.2020 | 20:15 | 20:30 | 2.251 |
| 20.03.2020 | 20:30 | 20:45 | 2.167 |
| 20.03.2020 | 20:45 | 21:00 | 2.082 |
| 20.03.2020 | 21:00 | 21:15 | 1.961 |
| 20.03.2020 | 21:15 | 21:30 | 1.893 |
| 20.03.2020 | 21:30 | 21:45 | 1.806 |
| 20.03.2020 | 21:45 | 22:00 | 1.707 |
| 20.03.2020 | 22:00 | 22:15 | 1.731 |
| 20.03.2020 | 22:15 | 22:30 | 1.686 |
| 20.03.2020 | 22:30 | 22:45 | 1.640 |
| 20.03.2020 | 22:45 | 23:00 | 1.605 |
| 20.03.2020 | 23:00 | 23:15 | 1.553 |
| 20.03.2020 | 23:15 | 23:30 | 1.513 |
| 20.03.2020 | 23:30 | 23:45 | 1.449 |
| 20.03.2020 | 23:45 | 00:00 | 1.395 |
| 21.03.2020 | 00:00 | 00:15 | 1.326 |
| 21.03.2020 | 00:15 | 00:30 | 1.287 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.03.2020 | 00:30 | 00:45 | 1.247 |
| 21.03.2020 | 00:45 | 01:00 | 1.208 |
| 21.03.2020 | 01:00 | 01:15 | 1.167 |
| 21.03.2020 | 01:15 | 01:30 | 1.141 |
| 21.03.2020 | 01:30 | 01:45 | 1.111 |
| 21.03.2020 | 01:45 | 02:00 | 1.087 |
| 21.03.2020 | 02:00 | 02:15 | 1.079 |
| 21.03.2020 | 02:15 | 02:30 | 1.066 |
| 21.03.2020 | 02:30 | 02:45 | 1.055 |
| 21.03.2020 | 02:45 | 03:00 | 1.033 |
| 21.03.2020 | 03:00 | 03:15 | 1.024 |
| 21.03.2020 | 03:15 | 03:30 | 1.018 |
| 21.03.2020 | 03:30 | 03:45 | 1.024 |
| 21.03.2020 | 03:45 | 04:00 | 1.034 |
| 21.03.2020 | 04:00 | 04:15 | 1.041 |
| 21.03.2020 | 04:15 | 04:30 | 1.036 |
| 21.03.2020 | 04:30 | 04:45 | 1.036 |
| 21.03.2020 | 04:45 | 05:00 | 1.059 |
| 21.03.2020 | 05:00 | 05:15 | 1.088 |
| 21.03.2020 | 05:15 | 05:30 | 1.092 |
| 21.03.2020 | 05:30 | 05:45 | 1.111 |
| 21.03.2020 | 05:45 | 06:00 | 1.139 |
| 21.03.2020 | 06:00 | 06:15 | 1.112 |
| 21.03.2020 | 06:15 | 06:30 | 1.109 |
| 21.03.2020 | 06:30 | 06:45 | 1.125 |
| 21.03.2020 | 06:45 | 07:00 | 1.150 |
| 21.03.2020 | 07:00 | 07:15 | 1.192 |
| 21.03.2020 | 07:15 | 07:30 | 1.252 |
| 21.03.2020 | 07:30 | 07:45 | 1.294 |
| 21.03.2020 | 07:45 | 08:00 | 1.342 |
| 21.03.2020 | 08:00 | 08:15 | 1.423 |
| 21.03.2020 | 08:15 | 08:30 | 1.462 |
| 21.03.2020 | 08:30 | 08:45 | 1.551 |
| 21.03.2020 | 08:45 | 09:00 | 1.593 |
| 21.03.2020 | 09:00 | 09:15 | 1.650 |
| 21.03.2020 | 09:15 | 09:30 | 1.745 |
| 21.03.2020 | 09:30 | 09:45 | 1.801 |
| 21.03.2020 | 09:45 | 10:00 | 1.861 |
| 21.03.2020 | 10:00 | 10:15 | 1.871 |
| 21.03.2020 | 10:15 | 10:30 | 1.896 |
| 21.03.2020 | 10:30 | 10:45 | 1.931 |
| 21.03.2020 | 10:45 | 11:00 | 1.948 |
| 21.03.2020 | 11:00 | 11:15 | 1.983 |
| 21.03.2020 | 11:15 | 11:30 | 2.047 |
| 21.03.2020 | 11:30 | 11:45 | 2.048 |
| 21.03.2020 | 11:45 | 12:00 | 2.113 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.03.2020 | 12:00 | 12:15 | 2.065 |
| 21.03.2020 | 12:15 | 12:30 | 2.132 |
| 21.03.2020 | 12:30 | 12:45 | 2.081 |
| 21.03.2020 | 12:45 | 13:00 | 2.065 |
| 21.03.2020 | 13:00 | 13:15 | 2.044 |
| 21.03.2020 | 13:15 | 13:30 | 2.011 |
| 21.03.2020 | 13:30 | 13:45 | 1.996 |
| 21.03.2020 | 13:45 | 14:00 | 1.967 |
| 21.03.2020 | 14:00 | 14:15 | 1.929 |
| 21.03.2020 | 14:15 | 14:30 | 1.903 |
| 21.03.2020 | 14:30 | 14:45 | 1.875 |
| 21.03.2020 | 14:45 | 15:00 | 1.851 |
| 21.03.2020 | 15:00 | 15:15 | 1.830 |
| 21.03.2020 | 15:15 | 15:30 | 1.833 |
| 21.03.2020 | 15:30 | 15:45 | 1.816 |
| 21.03.2020 | 15:45 | 16:00 | 1.797 |
| 21.03.2020 | 16:00 | 16:15 | 1.831 |
| 21.03.2020 | 16:15 | 16:30 | 1.828 |
| 21.03.2020 | 16:30 | 16:45 | 1.830 |
| 21.03.2020 | 16:45 | 17:00 | 1.844 |
| 21.03.2020 | 17:00 | 17:15 | 1.866 |
| 21.03.2020 | 17:15 | 17:30 | 1.898 |
| 21.03.2020 | 17:30 | 17:45 | 1.951 |
| 21.03.2020 | 17:45 | 18:00 | 1.980 |
| 21.03.2020 | 18:00 | 18:15 | 2.006 |
| 21.03.2020 | 18:15 | 18:30 | 2.036 |
| 21.03.2020 | 18:30 | 18:45 | 2.069 |
| 21.03.2020 | 18:45 | 19:00 | 2.127 |
| 21.03.2020 | 19:00 | 19:15 | 2.245 |
| 21.03.2020 | 19:15 | 19:30 | 2.293 |
| 21.03.2020 | 19:30 | 19:45 | 2.276 |
| 21.03.2020 | 19:45 | 20:00 | 2.202 |
| 21.03.2020 | 20:00 | 20:15 | 2.084 |
| 21.03.2020 | 20:15 | 20:30 | 1.971 |
| 21.03.2020 | 20:30 | 20:45 | 1.892 |
| 21.03.2020 | 20:45 | 21:00 | 1.810 |
| 21.03.2020 | 21:00 | 21:15 | 1.715 |
| 21.03.2020 | 21:15 | 21:30 | 1.647 |
| 21.03.2020 | 21:30 | 21:45 | 1.602 |
| 21.03.2020 | 21:45 | 22:00 | 1.554 |
| 21.03.2020 | 22:00 | 22:15 | 1.628 |
| 21.03.2020 | 22:15 | 22:30 | 1.553 |
| 21.03.2020 | 22:30 | 22:45 | 1.499 |
| 21.03.2020 | 22:45 | 23:00 | 1.453 |
| 21.03.2020 | 23:00 | 23:15 | 1.396 |
| 21.03.2020 | 23:15 | 23:30 | 1.347 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.03.2020 | 23:30 | 23:45 | 1.306 |
| 21.03.2020 | 23:45 | 00:00 | 1.259 |
| 22.03.2020 | 00:00 | 00:15 | 1.203 |
| 22.03.2020 | 00:15 | 00:30 | 1.165 |
| 22.03.2020 | 00:30 | 00:45 | 1.117 |
| 22.03.2020 | 00:45 | 01:00 | 1.080 |
| 22.03.2020 | 01:00 | 01:15 | 1.044 |
| 22.03.2020 | 01:15 | 01:30 | 1.020 |
| 22.03.2020 | 01:30 | 01:45 | 1.000 |
| 22.03.2020 | 01:45 | 02:00 | 981 |
| 22.03.2020 | 02:00 | 02:15 | 972 |
| 22.03.2020 | 02:15 | 02:30 | 964 |
| 22.03.2020 | 02:30 | 02:45 | 953 |
| 22.03.2020 | 02:45 | 03:00 | 946 |
| 22.03.2020 | 03:00 | 03:15 | 944 |
| 22.03.2020 | 03:15 | 03:30 | 941 |
| 22.03.2020 | 03:30 | 03:45 | 944 |
| 22.03.2020 | 03:45 | 04:00 | 942 |
| 22.03.2020 | 04:00 | 04:15 | 942 |
| 22.03.2020 | 04:15 | 04:30 | 947 |
| 22.03.2020 | 04:30 | 04:45 | 950 |
| 22.03.2020 | 04:45 | 05:00 | 953 |
| 22.03.2020 | 05:00 | 05:15 | 960 |
| 22.03.2020 | 05:15 | 05:30 | 960 |
| 22.03.2020 | 05:30 | 05:45 | 969 |
| 22.03.2020 | 05:45 | 06:00 | 984 |
| 22.03.2020 | 06:00 | 06:15 | 948 |
| 22.03.2020 | 06:15 | 06:30 | 947 |
| 22.03.2020 | 06:30 | 06:45 | 962 |
| 22.03.2020 | 06:45 | 07:00 | 978 |
| 22.03.2020 | 07:00 | 07:15 | 1.007 |
| 22.03.2020 | 07:15 | 07:30 | 1.051 |
| 22.03.2020 | 07:30 | 07:45 | 1.090 |
| 22.03.2020 | 07:45 | 08:00 | 1.147 |
| 22.03.2020 | 08:00 | 08:15 | 1.193 |
| 22.03.2020 | 08:15 | 08:30 | 1.257 |
| 22.03.2020 | 08:30 | 08:45 | 1.315 |
| 22.03.2020 | 08:45 | 09:00 | 1.375 |
| 22.03.2020 | 09:00 | 09:15 | 1.420 |
| 22.03.2020 | 09:15 | 09:30 | 1.507 |
| 22.03.2020 | 09:30 | 09:45 | 1.558 |
| 22.03.2020 | 09:45 | 10:00 | 1.605 |
| 22.03.2020 | 10:00 | 10:15 | 1.669 |
| 22.03.2020 | 10:15 | 10:30 | 1.704 |
| 22.03.2020 | 10:30 | 10:45 | 1.763 |
| 22.03.2020 | 10:45 | 11:00 | 1.775 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.03.2020 | 11:00 | 11:15 | 1.817 |
| 22.03.2020 | 11:15 | 11:30 | 1.864 |
| 22.03.2020 | 11:30 | 11:45 | 1.912 |
| 22.03.2020 | 11:45 | 12:00 | 1.949 |
| 22.03.2020 | 12:00 | 12:15 | 1.948 |
| 22.03.2020 | 12:15 | 12:30 | 1.974 |
| 22.03.2020 | 12:30 | 12:45 | 1.962 |
| 22.03.2020 | 12:45 | 13:00 | 1.945 |
| 22.03.2020 | 13:00 | 13:15 | 1.894 |
| 22.03.2020 | 13:15 | 13:30 | 1.865 |
| 22.03.2020 | 13:30 | 13:45 | 1.835 |
| 22.03.2020 | 13:45 | 14:00 | 1.797 |
| 22.03.2020 | 14:00 | 14:15 | 1.788 |
| 22.03.2020 | 14:15 | 14:30 | 1.746 |
| 22.03.2020 | 14:30 | 14:45 | 1.725 |
| 22.03.2020 | 14:45 | 15:00 | 1.706 |
| 22.03.2020 | 15:00 | 15:15 | 1.698 |
| 22.03.2020 | 15:15 | 15:30 | 1.690 |
| 22.03.2020 | 15:30 | 15:45 | 1.669 |
| 22.03.2020 | 15:45 | 16:00 | 1.659 |
| 22.03.2020 | 16:00 | 16:15 | 1.672 |
| 22.03.2020 | 16:15 | 16:30 | 1.669 |
| 22.03.2020 | 16:30 | 16:45 | 1.694 |
| 22.03.2020 | 16:45 | 17:00 | 1.700 |
| 22.03.2020 | 17:00 | 17:15 | 1.744 |
| 22.03.2020 | 17:15 | 17:30 | 1.764 |
| 22.03.2020 | 17:30 | 17:45 | 1.755 |
| 22.03.2020 | 17:45 | 18:00 | 1.791 |
| 22.03.2020 | 18:00 | 18:15 | 1.879 |
| 22.03.2020 | 18:15 | 18:30 | 1.914 |
| 22.03.2020 | 18:30 | 18:45 | 1.989 |
| 22.03.2020 | 18:45 | 19:00 | 2.034 |
| 22.03.2020 | 19:00 | 19:15 | 2.092 |
| 22.03.2020 | 19:15 | 19:30 | 2.179 |
| 22.03.2020 | 19:30 | 19:45 | 2.139 |
| 22.03.2020 | 19:45 | 20:00 | 2.059 |
| 22.03.2020 | 20:00 | 20:15 | 1.985 |
| 22.03.2020 | 20:15 | 20:30 | 1.898 |
| 22.03.2020 | 20:30 | 20:45 | 1.826 |
| 22.03.2020 | 20:45 | 21:00 | 1.749 |
| 22.03.2020 | 21:00 | 21:15 | 1.677 |
| 22.03.2020 | 21:15 | 21:30 | 1.633 |
| 22.03.2020 | 21:30 | 21:45 | 1.580 |
| 22.03.2020 | 21:45 | 22:00 | 1.534 |
| 22.03.2020 | 22:00 | 22:15 | 1.627 |
| 22.03.2020 | 22:15 | 22:30 | 1.578 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.03.2020 | 22:30 | 22:45 | 1.535 |
| 22.03.2020 | 22:45 | 23:00 | 1.475 |
| 22.03.2020 | 23:00 | 23:15 | 1.408 |
| 22.03.2020 | 23:15 | 23:30 | 1.364 |
| 22.03.2020 | 23:30 | 23:45 | 1.314 |
| 22.03.2020 | 23:45 | 00:00 | 1.253 |
| 23.03.2020 | 00:00 | 00:15 | 1.196 |
| 23.03.2020 | 00:15 | 00:30 | 1.172 |
| 23.03.2020 | 00:30 | 00:45 | 1.137 |
| 23.03.2020 | 00:45 | 01:00 | 1.096 |
| 23.03.2020 | 01:00 | 01:15 | 1.073 |
| 23.03.2020 | 01:15 | 01:30 | 1.057 |
| 23.03.2020 | 01:30 | 01:45 | 1.036 |
| 23.03.2020 | 01:45 | 02:00 | 1.019 |
| 23.03.2020 | 02:00 | 02:15 | 1.016 |
| 23.03.2020 | 02:15 | 02:30 | 1.010 |
| 23.03.2020 | 02:30 | 02:45 | 1.003 |
| 23.03.2020 | 02:45 | 03:00 | 999 |
| 23.03.2020 | 03:00 | 03:15 | 1.001 |
| 23.03.2020 | 03:15 | 03:30 | 997 |
| 23.03.2020 | 03:30 | 03:45 | 1.005 |
| 23.03.2020 | 03:45 | 04:00 | 1.020 |
| 23.03.2020 | 04:00 | 04:15 | 1.040 |
| 23.03.2020 | 04:15 | 04:30 | 1.062 |
| 23.03.2020 | 04:30 | 04:45 | 1.084 |
| 23.03.2020 | 04:45 | 05:00 | 1.103 |
| 23.03.2020 | 05:00 | 05:15 | 1.159 |
| 23.03.2020 | 05:15 | 05:30 | 1.199 |
| 23.03.2020 | 05:30 | 05:45 | 1.269 |
| 23.03.2020 | 05:45 | 06:00 | 1.349 |
| 23.03.2020 | 06:00 | 06:15 | 1.390 |
| 23.03.2020 | 06:15 | 06:30 | 1.480 |
| 23.03.2020 | 06:30 | 06:45 | 1.558 |
| 23.03.2020 | 06:45 | 07:00 | 1.632 |
| 23.03.2020 | 07:00 | 07:15 | 1.699 |
| 23.03.2020 | 07:15 | 07:30 | 1.768 |
| 23.03.2020 | 07:30 | 07:45 | 1.844 |
| 23.03.2020 | 07:45 | 08:00 | 1.909 |
| 23.03.2020 | 08:00 | 08:15 | 1.995 |
| 23.03.2020 | 08:15 | 08:30 | 2.035 |
| 23.03.2020 | 08:30 | 08:45 | 2.066 |
| 23.03.2020 | 08:45 | 09:00 | 2.106 |
| 23.03.2020 | 09:00 | 09:15 | 2.136 |
| 23.03.2020 | 09:15 | 09:30 | 2.189 |
| 23.03.2020 | 09:30 | 09:45 | 2.241 |
| 23.03.2020 | 09:45 | 10:00 | 2.273 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.03.2020 | 10:00 | 10:15 | 2.295 |
| 23.03.2020 | 10:15 | 10:30 | 2.318 |
| 23.03.2020 | 10:30 | 10:45 | 2.358 |
| 23.03.2020 | 10:45 | 11:00 | 2.392 |
| 23.03.2020 | 11:00 | 11:15 | 2.406 |
| 23.03.2020 | 11:15 | 11:30 | 2.465 |
| 23.03.2020 | 11:30 | 11:45 | 2.533 |
| 23.03.2020 | 11:45 | 12:00 | 2.536 |
| 23.03.2020 | 12:00 | 12:15 | 2.530 |
| 23.03.2020 | 12:15 | 12:30 | 2.522 |
| 23.03.2020 | 12:30 | 12:45 | 2.533 |
| 23.03.2020 | 12:45 | 13:00 | 2.535 |
| 23.03.2020 | 13:00 | 13:15 | 2.498 |
| 23.03.2020 | 13:15 | 13:30 | 2.468 |
| 23.03.2020 | 13:30 | 13:45 | 2.396 |
| 23.03.2020 | 13:45 | 14:00 | 2.357 |
| 23.03.2020 | 14:00 | 14:15 | 2.316 |
| 23.03.2020 | 14:15 | 14:30 | 2.270 |
| 23.03.2020 | 14:30 | 14:45 | 2.248 |
| 23.03.2020 | 14:45 | 15:00 | 2.225 |
| 23.03.2020 | 15:00 | 15:15 | 2.214 |
| 23.03.2020 | 15:15 | 15:30 | 2.207 |
| 23.03.2020 | 15:30 | 15:45 | 2.179 |
| 23.03.2020 | 15:45 | 16:00 | 2.180 |
| 23.03.2020 | 16:00 | 16:15 | 2.198 |
| 23.03.2020 | 16:15 | 16:30 | 2.196 |
| 23.03.2020 | 16:30 | 16:45 | 2.188 |
| 23.03.2020 | 16:45 | 17:00 | 2.203 |
| 23.03.2020 | 17:00 | 17:15 | 2.235 |
| 23.03.2020 | 17:15 | 17:30 | 2.249 |
| 23.03.2020 | 17:30 | 17:45 | 2.288 |
| 23.03.2020 | 17:45 | 18:00 | 2.310 |
| 23.03.2020 | 18:00 | 18:15 | 2.320 |
| 23.03.2020 | 18:15 | 18:30 | 2.366 |
| 23.03.2020 | 18:30 | 18:45 | 2.366 |
| 23.03.2020 | 18:45 | 19:00 | 2.440 |
| 23.03.2020 | 19:00 | 19:15 | 2.549 |
| 23.03.2020 | 19:15 | 19:30 | 2.643 |
| 23.03.2020 | 19:30 | 19:45 | 2.611 |
| 23.03.2020 | 19:45 | 20:00 | 2.511 |
| 23.03.2020 | 20:00 | 20:15 | 2.407 |
| 23.03.2020 | 20:15 | 20:30 | 2.297 |
| 23.03.2020 | 20:30 | 20:45 | 2.191 |
| 23.03.2020 | 20:45 | 21:00 | 2.094 |
| 23.03.2020 | 21:00 | 21:15 | 1.994 |
| 23.03.2020 | 21:15 | 21:30 | 1.904 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.03.2020 | 21:30 | 21:45 | 1.796 |
| 23.03.2020 | 21:45 | 22:00 | 1.721 |
| 23.03.2020 | 22:00 | 22:15 | 1.752 |
| 23.03.2020 | 22:15 | 22:30 | 1.690 |
| 23.03.2020 | 22:30 | 22:45 | 1.663 |
| 23.03.2020 | 22:45 | 23:00 | 1.573 |
| 23.03.2020 | 23:00 | 23:15 | 1.506 |
| 23.03.2020 | 23:15 | 23:30 | 1.469 |
| 23.03.2020 | 23:30 | 23:45 | 1.417 |
| 23.03.2020 | 23:45 | 00:00 | 1.356 |
| 24.03.2020 | 00:00 | 00:15 | 1.307 |
| 24.03.2020 | 00:15 | 00:30 | 1.269 |
| 24.03.2020 | 00:30 | 00:45 | 1.234 |
| 24.03.2020 | 00:45 | 01:00 | 1.208 |
| 24.03.2020 | 01:00 | 01:15 | 1.170 |
| 24.03.2020 | 01:15 | 01:30 | 1.144 |
| 24.03.2020 | 01:30 | 01:45 | 1.125 |
| 24.03.2020 | 01:45 | 02:00 | 1.113 |
| 24.03.2020 | 02:00 | 02:15 | 1.095 |
| 24.03.2020 | 02:15 | 02:30 | 1.080 |
| 24.03.2020 | 02:30 | 02:45 | 1.061 |
| 24.03.2020 | 02:45 | 03:00 | 1.058 |
| 24.03.2020 | 03:00 | 03:15 | 1.060 |
| 24.03.2020 | 03:15 | 03:30 | 1.052 |
| 24.03.2020 | 03:30 | 03:45 | 1.056 |
| 24.03.2020 | 03:45 | 04:00 | 1.065 |
| 24.03.2020 | 04:00 | 04:15 | 1.085 |
| 24.03.2020 | 04:15 | 04:30 | 1.111 |
| 24.03.2020 | 04:30 | 04:45 | 1.140 |
| 24.03.2020 | 04:45 | 05:00 | 1.159 |
| 24.03.2020 | 05:00 | 05:15 | 1.215 |
| 24.03.2020 | 05:15 | 05:30 | 1.280 |
| 24.03.2020 | 05:30 | 05:45 | 1.341 |
| 24.03.2020 | 05:45 | 06:00 | 1.408 |
| 24.03.2020 | 06:00 | 06:15 | 1.416 |
| 24.03.2020 | 06:15 | 06:30 | 1.501 |
| 24.03.2020 | 06:30 | 06:45 | 1.562 |
| 24.03.2020 | 06:45 | 07:00 | 1.640 |
| 24.03.2020 | 07:00 | 07:15 | 1.708 |
| 24.03.2020 | 07:15 | 07:30 | 1.752 |
| 24.03.2020 | 07:30 | 07:45 | 1.827 |
| 24.03.2020 | 07:45 | 08:00 | 1.882 |
| 24.03.2020 | 08:00 | 08:15 | 1.948 |
| 24.03.2020 | 08:15 | 08:30 | 2.045 |
| 24.03.2020 | 08:30 | 08:45 | 2.087 |
| 24.03.2020 | 08:45 | 09:00 | 2.115 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.03.2020 | 09:00 | 09:15 | 2.137 |
| 24.03.2020 | 09:15 | 09:30 | 2.188 |
| 24.03.2020 | 09:30 | 09:45 | 2.193 |
| 24.03.2020 | 09:45 | 10:00 | 2.234 |
| 24.03.2020 | 10:00 | 10:15 | 2.281 |
| 24.03.2020 | 10:15 | 10:30 | 2.293 |
| 24.03.2020 | 10:30 | 10:45 | 2.320 |
| 24.03.2020 | 10:45 | 11:00 | 2.359 |
| 24.03.2020 | 11:00 | 11:15 | 2.380 |
| 24.03.2020 | 11:15 | 11:30 | 2.414 |
| 24.03.2020 | 11:30 | 11:45 | 2.485 |
| 24.03.2020 | 11:45 | 12:00 | 2.505 |
| 24.03.2020 | 12:00 | 12:15 | 2.526 |
| 24.03.2020 | 12:15 | 12:30 | 2.536 |
| 24.03.2020 | 12:30 | 12:45 | 2.524 |
| 24.03.2020 | 12:45 | 13:00 | 2.509 |
| 24.03.2020 | 13:00 | 13:15 | 2.459 |
| 24.03.2020 | 13:15 | 13:30 | 2.437 |
| 24.03.2020 | 13:30 | 13:45 | 2.411 |
| 24.03.2020 | 13:45 | 14:00 | 2.363 |
| 24.03.2020 | 14:00 | 14:15 | 2.272 |
| 24.03.2020 | 14:15 | 14:30 | 2.219 |
| 24.03.2020 | 14:30 | 14:45 | 2.186 |
| 24.03.2020 | 14:45 | 15:00 | 2.152 |
| 24.03.2020 | 15:00 | 15:15 | 2.183 |
| 24.03.2020 | 15:15 | 15:30 | 2.151 |
| 24.03.2020 | 15:30 | 15:45 | 2.149 |
| 24.03.2020 | 15:45 | 16:00 | 2.139 |
| 24.03.2020 | 16:00 | 16:15 | 2.162 |
| 24.03.2020 | 16:15 | 16:30 | 2.168 |
| 24.03.2020 | 16:30 | 16:45 | 2.162 |
| 24.03.2020 | 16:45 | 17:00 | 2.163 |
| 24.03.2020 | 17:00 | 17:15 | 2.222 |
| 24.03.2020 | 17:15 | 17:30 | 2.233 |
| 24.03.2020 | 17:30 | 17:45 | 2.289 |
| 24.03.2020 | 17:45 | 18:00 | 2.326 |
| 24.03.2020 | 18:00 | 18:15 | 2.332 |
| 24.03.2020 | 18:15 | 18:30 | 2.362 |
| 24.03.2020 | 18:30 | 18:45 | 2.390 |
| 24.03.2020 | 18:45 | 19:00 | 2.460 |
| 24.03.2020 | 19:00 | 19:15 | 2.576 |
| 24.03.2020 | 19:15 | 19:30 | 2.687 |
| 24.03.2020 | 19:30 | 19:45 | 2.630 |
| 24.03.2020 | 19:45 | 20:00 | 2.558 |
| 24.03.2020 | 20:00 | 20:15 | 2.433 |
| 24.03.2020 | 20:15 | 20:30 | 2.309 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.03.2020 | 20:30 | 20:45 | 2.211 |
| 24.03.2020 | 20:45 | 21:00 | 2.115 |
| 24.03.2020 | 21:00 | 21:15 | 2.013 |
| 24.03.2020 | 21:15 | 21:30 | 1.938 |
| 24.03.2020 | 21:30 | 21:45 | 1.847 |
| 24.03.2020 | 21:45 | 22:00 | 1.752 |
| 24.03.2020 | 22:00 | 22:15 | 1.767 |
| 24.03.2020 | 22:15 | 22:30 | 1.692 |
| 24.03.2020 | 22:30 | 22:45 | 1.663 |
| 24.03.2020 | 22:45 | 23:00 | 1.588 |
| 24.03.2020 | 23:00 | 23:15 | 1.524 |
| 24.03.2020 | 23:15 | 23:30 | 1.483 |
| 24.03.2020 | 23:30 | 23:45 | 1.417 |
| 24.03.2020 | 23:45 | 00:00 | 1.367 |
| 25.03.2020 | 00:00 | 00:15 | 1.325 |
| 25.03.2020 | 00:15 | 00:30 | 1.277 |
| 25.03.2020 | 00:30 | 00:45 | 1.236 |
| 25.03.2020 | 00:45 | 01:00 | 1.201 |
| 25.03.2020 | 01:00 | 01:15 | 1.163 |
| 25.03.2020 | 01:15 | 01:30 | 1.141 |
| 25.03.2020 | 01:30 | 01:45 | 1.117 |
| 25.03.2020 | 01:45 | 02:00 | 1.099 |
| 25.03.2020 | 02:00 | 02:15 | 1.086 |
| 25.03.2020 | 02:15 | 02:30 | 1.075 |
| 25.03.2020 | 02:30 | 02:45 | 1.061 |
| 25.03.2020 | 02:45 | 03:00 | 1.051 |
| 25.03.2020 | 03:00 | 03:15 | 1.054 |
| 25.03.2020 | 03:15 | 03:30 | 1.048 |
| 25.03.2020 | 03:30 | 03:45 | 1.059 |
| 25.03.2020 | 03:45 | 04:00 | 1.077 |
| 25.03.2020 | 04:00 | 04:15 | 1.102 |
| 25.03.2020 | 04:15 | 04:30 | 1.127 |
| 25.03.2020 | 04:30 | 04:45 | 1.146 |
| 25.03.2020 | 04:45 | 05:00 | 1.171 |
| 25.03.2020 | 05:00 | 05:15 | 1.219 |
| 25.03.2020 | 05:15 | 05:30 | 1.274 |
| 25.03.2020 | 05:30 | 05:45 | 1.328 |
| 25.03.2020 | 05:45 | 06:00 | 1.396 |
| 25.03.2020 | 06:00 | 06:15 | 1.417 |
| 25.03.2020 | 06:15 | 06:30 | 1.467 |
| 25.03.2020 | 06:30 | 06:45 | 1.561 |
| 25.03.2020 | 06:45 | 07:00 | 1.641 |
| 25.03.2020 | 07:00 | 07:15 | 1.711 |
| 25.03.2020 | 07:15 | 07:30 | 1.767 |
| 25.03.2020 | 07:30 | 07:45 | 1.835 |
| 25.03.2020 | 07:45 | 08:00 | 1.903 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.03.2020 | 08:00 | 08:15 | 1.981 |
| 25.03.2020 | 08:15 | 08:30 | 2.017 |
| 25.03.2020 | 08:30 | 08:45 | 2.015 |
| 25.03.2020 | 08:45 | 09:00 | 2.088 |
| 25.03.2020 | 09:00 | 09:15 | 2.125 |
| 25.03.2020 | 09:15 | 09:30 | 2.178 |
| 25.03.2020 | 09:30 | 09:45 | 2.197 |
| 25.03.2020 | 09:45 | 10:00 | 2.215 |
| 25.03.2020 | 10:00 | 10:15 | 2.245 |
| 25.03.2020 | 10:15 | 10:30 | 2.267 |
| 25.03.2020 | 10:30 | 10:45 | 2.308 |
| 25.03.2020 | 10:45 | 11:00 | 2.363 |
| 25.03.2020 | 11:00 | 11:15 | 2.413 |
| 25.03.2020 | 11:15 | 11:30 | 2.421 |
| 25.03.2020 | 11:30 | 11:45 | 2.467 |
| 25.03.2020 | 11:45 | 12:00 | 2.473 |
| 25.03.2020 | 12:00 | 12:15 | 2.481 |
| 25.03.2020 | 12:15 | 12:30 | 2.488 |
| 25.03.2020 | 12:30 | 12:45 | 2.507 |
| 25.03.2020 | 12:45 | 13:00 | 2.484 |
| 25.03.2020 | 13:00 | 13:15 | 2.449 |
| 25.03.2020 | 13:15 | 13:30 | 2.452 |
| 25.03.2020 | 13:30 | 13:45 | 2.388 |
| 25.03.2020 | 13:45 | 14:00 | 2.316 |
| 25.03.2020 | 14:00 | 14:15 | 2.281 |
| 25.03.2020 | 14:15 | 14:30 | 2.231 |
| 25.03.2020 | 14:30 | 14:45 | 2.207 |
| 25.03.2020 | 14:45 | 15:00 | 2.167 |
| 25.03.2020 | 15:00 | 15:15 | 2.172 |
| 25.03.2020 | 15:15 | 15:30 | 2.181 |
| 25.03.2020 | 15:30 | 15:45 | 2.181 |
| 25.03.2020 | 15:45 | 16:00 | 2.183 |
| 25.03.2020 | 16:00 | 16:15 | 2.179 |
| 25.03.2020 | 16:15 | 16:30 | 2.179 |
| 25.03.2020 | 16:30 | 16:45 | 2.210 |
| 25.03.2020 | 16:45 | 17:00 | 2.227 |
| 25.03.2020 | 17:00 | 17:15 | 2.263 |
| 25.03.2020 | 17:15 | 17:30 | 2.281 |
| 25.03.2020 | 17:30 | 17:45 | 2.274 |
| 25.03.2020 | 17:45 | 18:00 | 2.296 |
| 25.03.2020 | 18:00 | 18:15 | 2.293 |
| 25.03.2020 | 18:15 | 18:30 | 2.327 |
| 25.03.2020 | 18:30 | 18:45 | 2.365 |
| 25.03.2020 | 18:45 | 19:00 | 2.447 |
| 25.03.2020 | 19:00 | 19:15 | 2.504 |
| 25.03.2020 | 19:15 | 19:30 | 2.611 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.03.2020 | 19:30 | 19:45 | 2.568 |
| 25.03.2020 | 19:45 | 20:00 | 2.503 |
| 25.03.2020 | 20:00 | 20:15 | 2.370 |
| 25.03.2020 | 20:15 | 20:30 | 2.262 |
| 25.03.2020 | 20:30 | 20:45 | 2.166 |
| 25.03.2020 | 20:45 | 21:00 | 2.113 |
| 25.03.2020 | 21:00 | 21:15 | 1.998 |
| 25.03.2020 | 21:15 | 21:30 | 1.886 |
| 25.03.2020 | 21:30 | 21:45 | 1.792 |
| 25.03.2020 | 21:45 | 22:00 | 1.691 |
| 25.03.2020 | 22:00 | 22:15 | 1.762 |
| 25.03.2020 | 22:15 | 22:30 | 1.704 |
| 25.03.2020 | 22:30 | 22:45 | 1.666 |
| 25.03.2020 | 22:45 | 23:00 | 1.598 |
| 25.03.2020 | 23:00 | 23:15 | 1.518 |
| 25.03.2020 | 23:15 | 23:30 | 1.461 |
| 25.03.2020 | 23:30 | 23:45 | 1.399 |
| 25.03.2020 | 23:45 | 00:00 | 1.339 |
| 26.03.2020 | 00:00 | 00:15 | 1.279 |
| 26.03.2020 | 00:15 | 00:30 | 1.246 |
| 26.03.2020 | 00:30 | 00:45 | 1.213 |
| 26.03.2020 | 00:45 | 01:00 | 1.186 |
| 26.03.2020 | 01:00 | 01:15 | 1.162 |
| 26.03.2020 | 01:15 | 01:30 | 1.140 |
| 26.03.2020 | 01:30 | 01:45 | 1.121 |
| 26.03.2020 | 01:45 | 02:00 | 1.119 |
| 26.03.2020 | 02:00 | 02:15 | 1.095 |
| 26.03.2020 | 02:15 | 02:30 | 1.079 |
| 26.03.2020 | 02:30 | 02:45 | 1.058 |
| 26.03.2020 | 02:45 | 03:00 | 1.055 |
| 26.03.2020 | 03:00 | 03:15 | 1.063 |
| 26.03.2020 | 03:15 | 03:30 | 1.057 |
| 26.03.2020 | 03:30 | 03:45 | 1.064 |
| 26.03.2020 | 03:45 | 04:00 | 1.076 |
| 26.03.2020 | 04:00 | 04:15 | 1.095 |
| 26.03.2020 | 04:15 | 04:30 | 1.115 |
| 26.03.2020 | 04:30 | 04:45 | 1.131 |
| 26.03.2020 | 04:45 | 05:00 | 1.150 |
| 26.03.2020 | 05:00 | 05:15 | 1.195 |
| 26.03.2020 | 05:15 | 05:30 | 1.259 |
| 26.03.2020 | 05:30 | 05:45 | 1.321 |
| 26.03.2020 | 05:45 | 06:00 | 1.382 |
| 26.03.2020 | 06:00 | 06:15 | 1.406 |
| 26.03.2020 | 06:15 | 06:30 | 1.486 |
| 26.03.2020 | 06:30 | 06:45 | 1.546 |
| 26.03.2020 | 06:45 | 07:00 | 1.611 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.03.2020 | 07:00 | 07:15 | 1.694 |
| 26.03.2020 | 07:15 | 07:30 | 1.767 |
| 26.03.2020 | 07:30 | 07:45 | 1.850 |
| 26.03.2020 | 07:45 | 08:00 | 1.925 |
| 26.03.2020 | 08:00 | 08:15 | 1.970 |
| 26.03.2020 | 08:15 | 08:30 | 2.008 |
| 26.03.2020 | 08:30 | 08:45 | 2.039 |
| 26.03.2020 | 08:45 | 09:00 | 2.106 |
| 26.03.2020 | 09:00 | 09:15 | 2.153 |
| 26.03.2020 | 09:15 | 09:30 | 2.193 |
| 26.03.2020 | 09:30 | 09:45 | 2.220 |
| 26.03.2020 | 09:45 | 10:00 | 2.273 |
| 26.03.2020 | 10:00 | 10:15 | 2.292 |
| 26.03.2020 | 10:15 | 10:30 | 2.297 |
| 26.03.2020 | 10:30 | 10:45 | 2.326 |
| 26.03.2020 | 10:45 | 11:00 | 2.339 |
| 26.03.2020 | 11:00 | 11:15 | 2.378 |
| 26.03.2020 | 11:15 | 11:30 | 2.418 |
| 26.03.2020 | 11:30 | 11:45 | 2.435 |
| 26.03.2020 | 11:45 | 12:00 | 2.450 |
| 26.03.2020 | 12:00 | 12:15 | 2.472 |
| 26.03.2020 | 12:15 | 12:30 | 2.487 |
| 26.03.2020 | 12:30 | 12:45 | 2.465 |
| 26.03.2020 | 12:45 | 13:00 | 2.432 |
| 26.03.2020 | 13:00 | 13:15 | 2.412 |
| 26.03.2020 | 13:15 | 13:30 | 2.398 |
| 26.03.2020 | 13:30 | 13:45 | 2.380 |
| 26.03.2020 | 13:45 | 14:00 | 2.324 |
| 26.03.2020 | 14:00 | 14:15 | 2.268 |
| 26.03.2020 | 14:15 | 14:30 | 2.264 |
| 26.03.2020 | 14:30 | 14:45 | 2.204 |
| 26.03.2020 | 14:45 | 15:00 | 2.154 |
| 26.03.2020 | 15:00 | 15:15 | 2.170 |
| 26.03.2020 | 15:15 | 15:30 | 2.150 |
| 26.03.2020 | 15:30 | 15:45 | 2.129 |
| 26.03.2020 | 15:45 | 16:00 | 2.130 |
| 26.03.2020 | 16:00 | 16:15 | 2.151 |
| 26.03.2020 | 16:15 | 16:30 | 2.178 |
| 26.03.2020 | 16:30 | 16:45 | 2.188 |
| 26.03.2020 | 16:45 | 17:00 | 2.186 |
| 26.03.2020 | 17:00 | 17:15 | 2.242 |
| 26.03.2020 | 17:15 | 17:30 | 2.255 |
| 26.03.2020 | 17:30 | 17:45 | 2.280 |
| 26.03.2020 | 17:45 | 18:00 | 2.311 |
| 26.03.2020 | 18:00 | 18:15 | 2.322 |
| 26.03.2020 | 18:15 | 18:30 | 2.372 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.03.2020 | 18:30 | 18:45 | 2.381 |
| 26.03.2020 | 18:45 | 19:00 | 2.456 |
| 26.03.2020 | 19:00 | 19:15 | 2.470 |
| 26.03.2020 | 19:15 | 19:30 | 2.618 |
| 26.03.2020 | 19:30 | 19:45 | 2.597 |
| 26.03.2020 | 19:45 | 20:00 | 2.505 |
| 26.03.2020 | 20:00 | 20:15 | 2.382 |
| 26.03.2020 | 20:15 | 20:30 | 2.273 |
| 26.03.2020 | 20:30 | 20:45 | 2.199 |
| 26.03.2020 | 20:45 | 21:00 | 2.087 |
| 26.03.2020 | 21:00 | 21:15 | 1.967 |
| 26.03.2020 | 21:15 | 21:30 | 1.871 |
| 26.03.2020 | 21:30 | 21:45 | 1.778 |
| 26.03.2020 | 21:45 | 22:00 | 1.712 |
| 26.03.2020 | 22:00 | 22:15 | 1.745 |
| 26.03.2020 | 22:15 | 22:30 | 1.671 |
| 26.03.2020 | 22:30 | 22:45 | 1.623 |
| 26.03.2020 | 22:45 | 23:00 | 1.570 |
| 26.03.2020 | 23:00 | 23:15 | 1.504 |
| 26.03.2020 | 23:15 | 23:30 | 1.463 |
| 26.03.2020 | 23:30 | 23:45 | 1.406 |
| 26.03.2020 | 23:45 | 00:00 | 1.351 |
| 27.03.2020 | 00:00 | 00:15 | 1.295 |
| 27.03.2020 | 00:15 | 00:30 | 1.240 |
| 27.03.2020 | 00:30 | 00:45 | 1.221 |
| 27.03.2020 | 00:45 | 01:00 | 1.186 |
| 27.03.2020 | 01:00 | 01:15 | 1.146 |
| 27.03.2020 | 01:15 | 01:30 | 1.114 |
| 27.03.2020 | 01:30 | 01:45 | 1.088 |
| 27.03.2020 | 01:45 | 03:00 | 1.078 |
| 27.03.2020 | 02:00 | 03:15 | 1.065 |
| 27.03.2020 | 02:15 | 03:30 | 1.050 |
| 27.03.2020 | 02:30 | 03:45 | 1.036 |
| 27.03.2020 | 02:45 | 04:00 | 1.036 |
| 27.03.2020 | 03:00 | 04:15 | 1.036 |
| 27.03.2020 | 03:15 | 04:30 | 1.040 |
| 27.03.2020 | 03:30 | 04:45 | 1.042 |
| 27.03.2020 | 03:45 | 05:00 | 1.057 |
| 27.03.2020 | 04:00 | 05:15 | 1.084 |
| 27.03.2020 | 04:15 | 05:30 | 1.099 |
| 27.03.2020 | 04:30 | 05:45 | 1.117 |
| 27.03.2020 | 04:45 | 06:00 | 1.140 |
| 27.03.2020 | 05:00 | 06:15 | 1.197 |
| 27.03.2020 | 05:15 | 06:30 | 1.250 |
| 27.03.2020 | 05:30 | 06:45 | 1.301 |
| 27.03.2020 | 05:45 | 07:00 | 1.366 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.03.2020 | 06:00 | 07:15 | 1.370 |
| 27.03.2020 | 06:15 | 07:30 | 1.471 |
| 27.03.2020 | 06:30 | 07:45 | 1.561 |
| 27.03.2020 | 06:45 | 08:00 | 1.604 |
| 27.03.2020 | 07:00 | 08:15 | 1.667 |
| 27.03.2020 | 07:15 | 08:30 | 1.739 |
| 27.03.2020 | 07:30 | 08:45 | 1.810 |
| 27.03.2020 | 07:45 | 09:00 | 1.870 |
| 27.03.2020 | 08:00 | 09:15 | 1.948 |
| 27.03.2020 | 08:15 | 09:30 | 1.966 |
| 27.03.2020 | 08:30 | 09:45 | 1.994 |
| 27.03.2020 | 08:45 | 10:00 | 2.046 |
| 27.03.2020 | 09:00 | 10:15 | 2.078 |
| 27.03.2020 | 09:15 | 10:30 | 2.122 |
| 27.03.2020 | 09:30 | 10:45 | 2.128 |
| 27.03.2020 | 09:45 | 11:00 | 2.172 |
| 27.03.2020 | 10:00 | 11:15 | 2.175 |
| 27.03.2020 | 10:15 | 11:30 | 2.209 |
| 27.03.2020 | 10:30 | 11:45 | 2.212 |
| 27.03.2020 | 10:45 | 12:00 | 2.262 |
| 27.03.2020 | 11:00 | 12:15 | 2.338 |
| 27.03.2020 | 11:15 | 12:30 | 2.379 |
| 27.03.2020 | 11:30 | 12:45 | 2.392 |
| 27.03.2020 | 11:45 | 13:00 | 2.405 |
| 27.03.2020 | 12:00 | 13:15 | 2.409 |
| 27.03.2020 | 12:15 | 13:30 | 2.423 |
| 27.03.2020 | 12:30 | 13:45 | 2.413 |
| 27.03.2020 | 12:45 | 14:00 | 2.399 |
| 27.03.2020 | 13:00 | 14:15 | 2.376 |
| 27.03.2020 | 13:15 | 14:30 | 2.336 |
| 27.03.2020 | 13:30 | 14:45 | 2.293 |
| 27.03.2020 | 13:45 | 15:00 | 2.265 |
| 27.03.2020 | 14:00 | 15:15 | 2.220 |
| 27.03.2020 | 14:15 | 15:30 | 2.188 |
| 27.03.2020 | 14:30 | 15:45 | 2.174 |
| 27.03.2020 | 14:45 | 16:00 | 2.128 |
| 27.03.2020 | 15:00 | 16:15 | 2.116 |
| 27.03.2020 | 15:15 | 16:30 | 2.085 |
| 27.03.2020 | 15:30 | 16:45 | 2.047 |
| 27.03.2020 | 15:45 | 17:00 | 2.029 |
| 27.03.2020 | 16:00 | 17:15 | 2.043 |
| 27.03.2020 | 16:15 | 17:30 | 2.042 |
| 27.03.2020 | 16:30 | 17:45 | 2.040 |
| 27.03.2020 | 16:45 | 18:00 | 2.034 |
| 27.03.2020 | 17:00 | 18:15 | 2.064 |
| 27.03.2020 | 17:15 | 18:30 | 2.131 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.03.2020 | 17:30 | 18:45 | 2.170 |
| 27.03.2020 | 17:45 | 19:00 | 2.172 |
| 27.03.2020 | 18:00 | 19:15 | 2.175 |
| 27.03.2020 | 18:15 | 19:30 | 2.200 |
| 27.03.2020 | 18:30 | 19:45 | 2.239 |
| 27.03.2020 | 18:45 | 20:00 | 2.319 |
| 27.03.2020 | 19:00 | 20:15 | 2.373 |
| 27.03.2020 | 19:15 | 20:30 | 2.491 |
| 27.03.2020 | 19:30 | 20:45 | 2.483 |
| 27.03.2020 | 19:45 | 21:00 | 2.412 |
| 27.03.2020 | 20:00 | 21:15 | 2.273 |
| 27.03.2020 | 20:15 | 21:30 | 2.186 |
| 27.03.2020 | 20:30 | 21:45 | 2.062 |
| 27.03.2020 | 20:45 | 22:00 | 1.988 |
| 27.03.2020 | 21:00 | 22:15 | 1.875 |
| 27.03.2020 | 21:15 | 22:30 | 1.761 |
| 27.03.2020 | 21:30 | 22:45 | 1.694 |
| 27.03.2020 | 21:45 | 23:00 | 1.632 |
| 27.03.2020 | 22:00 | 23:15 | 1.672 |
| 27.03.2020 | 22:15 | 23:30 | 1.616 |
| 27.03.2020 | 22:30 | 23:45 | 1.585 |
| 27.03.2020 | 22:45 | 00:00 | 1.541 |
| 27.03.2020 | 23:00 | 00:15 | 1.481 |
| 27.03.2020 | 23:15 | 00:30 | 1.431 |
| 27.03.2020 | 23:30 | 00:45 | 1.389 |
| 27.03.2020 | 23:45 | 01:00 | 1.332 |
| 28.03.2020 | 00:00 | 01:15 | 1.270 |
| 28.03.2020 | 00:15 | 01:30 | 1.227 |
| 28.03.2020 | 00:30 | 01:45 | 1.195 |
| 28.03.2020 | 00:45 | 02:00 | 1.159 |
| 28.03.2020 | 01:00 | 02:15 | 1.117 |
| 28.03.2020 | 01:15 | 02:30 | 1.087 |
| 28.03.2020 | 01:30 | 02:45 | 1.064 |
| 28.03.2020 | 01:45 | 03:00 | 1.046 |
| 28.03.2020 | 02:00 | 03:15 | 1.035 |
| 28.03.2020 | 02:15 | 03:30 | 1.017 |
| 28.03.2020 | 02:30 | 03:45 | 1.003 |
| 28.03.2020 | 02:45 | 04:00 | 989 |
| 28.03.2020 | 03:00 | 04:15 | 986 |
| 28.03.2020 | 03:15 | 04:30 | 992 |
| 28.03.2020 | 03:30 | 04:45 | 982 |
| 28.03.2020 | 03:45 | 05:00 | 991 |
| 28.03.2020 | 04:00 | 05:15 | 995 |
| 28.03.2020 | 04:15 | 05:30 | 1.004 |
| 28.03.2020 | 04:30 | 05:45 | 1.014 |
| 28.03.2020 | 04:45 | 06:00 | 1.028 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.03.2020 | 05:00 | 06:15 | 1.048 |
| 28.03.2020 | 05:15 | 06:30 | 1.049 |
| 28.03.2020 | 05:30 | 06:45 | 1.060 |
| 28.03.2020 | 05:45 | 07:00 | 1.074 |
| 28.03.2020 | 06:00 | 07:15 | 1.056 |
| 28.03.2020 | 06:15 | 07:30 | 1.068 |
| 28.03.2020 | 06:30 | 07:45 | 1.083 |
| 28.03.2020 | 06:45 | 08:00 | 1.112 |
| 28.03.2020 | 07:00 | 08:15 | 1.154 |
| 28.03.2020 | 07:15 | 08:30 | 1.200 |
| 28.03.2020 | 07:30 | 08:45 | 1.247 |
| 28.03.2020 | 07:45 | 09:00 | 1.304 |
| 28.03.2020 | 08:00 | 09:15 | 1.365 |
| 28.03.2020 | 08:15 | 09:30 | 1.436 |
| 28.03.2020 | 08:30 | 09:45 | 1.502 |
| 28.03.2020 | 08:45 | 10:00 | 1.560 |
| 28.03.2020 | 09:00 | 10:15 | 1.603 |
| 28.03.2020 | 09:15 | 10:30 | 1.688 |
| 28.03.2020 | 09:30 | 10:45 | 1.721 |
| 28.03.2020 | 09:45 | 11:00 | 1.776 |
| 28.03.2020 | 10:00 | 11:15 | 1.821 |
| 28.03.2020 | 10:15 | 11:30 | 1.842 |
| 28.03.2020 | 10:30 | 11:45 | 1.854 |
| 28.03.2020 | 10:45 | 12:00 | 1.869 |
| 28.03.2020 | 11:00 | 12:15 | 1.891 |
| 28.03.2020 | 11:15 | 12:30 | 1.913 |
| 28.03.2020 | 11:30 | 12:45 | 1.932 |
| 28.03.2020 | 11:45 | 13:00 | 1.937 |
| 28.03.2020 | 12:00 | 13:15 | 1.947 |
| 28.03.2020 | 12:15 | 13:30 | 1.940 |
| 28.03.2020 | 12:30 | 13:45 | 1.935 |
| 28.03.2020 | 12:45 | 14:00 | 1.930 |
| 28.03.2020 | 13:00 | 14:15 | 1.902 |
| 28.03.2020 | 13:15 | 14:30 | 1.884 |
| 28.03.2020 | 13:30 | 14:45 | 1.848 |
| 28.03.2020 | 13:45 | 15:00 | 1.815 |
| 28.03.2020 | 14:00 | 15:15 | 1.804 |
| 28.03.2020 | 14:15 | 15:30 | 1.751 |
| 28.03.2020 | 14:30 | 15:45 | 1.753 |
| 28.03.2020 | 14:45 | 16:00 | 1.730 |
| 28.03.2020 | 15:00 | 16:15 | 1.682 |
| 28.03.2020 | 15:15 | 16:30 | 1.686 |
| 28.03.2020 | 15:30 | 16:45 | 1.678 |
| 28.03.2020 | 15:45 | 17:00 | 1.686 |
| 28.03.2020 | 16:00 | 17:15 | 1.691 |
| 28.03.2020 | 16:15 | 17:30 | 1.681 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.03.2020 | 16:30 | 17:45 | 1.685 |
| 28.03.2020 | 16:45 | 18:00 | 1.727 |
| 28.03.2020 | 17:00 | 18:15 | 1.769 |
| 28.03.2020 | 17:15 | 18:30 | 1.809 |
| 28.03.2020 | 17:30 | 18:45 | 1.842 |
| 28.03.2020 | 17:45 | 19:00 | 1.880 |
| 28.03.2020 | 18:00 | 19:15 | 1.922 |
| 28.03.2020 | 18:15 | 19:30 | 1.958 |
| 28.03.2020 | 18:30 | 19:45 | 1.981 |
| 28.03.2020 | 18:45 | 20:00 | 1.994 |
| 28.03.2020 | 19:00 | 20:15 | 2.082 |
| 28.03.2020 | 19:15 | 20:30 | 2.187 |
| 28.03.2020 | 19:30 | 20:45 | 2.178 |
| 28.03.2020 | 19:45 | 21:00 | 2.124 |
| 28.03.2020 | 20:00 | 21:15 | 2.042 |
| 28.03.2020 | 20:15 | 21:30 | 1.955 |
| 28.03.2020 | 20:30 | 21:45 | 1.834 |
| 28.03.2020 | 20:45 | 22:00 | 1.759 |
| 28.03.2020 | 21:00 | 22:15 | 1.665 |
| 28.03.2020 | 21:15 | 22:30 | 1.589 |
| 28.03.2020 | 21:30 | 22:45 | 1.523 |
| 28.03.2020 | 21:45 | 23:00 | 1.490 |
| 28.03.2020 | 22:00 | 23:15 | 1.558 |
| 28.03.2020 | 22:15 | 23:30 | 1.508 |
| 28.03.2020 | 22:30 | 23:45 | 1.452 |
| 28.03.2020 | 22:45 | 00:00 | 1.404 |
| 28.03.2020 | 23:00 | 00:15 | 1.352 |
| 28.03.2020 | 23:15 | 00:30 | 1.316 |
| 28.03.2020 | 23:30 | 00:45 | 1.265 |
| 28.03.2020 | 23:45 | 01:00 | 1.207 |
| 29.03.2020 | 00:00 | 01:15 | 1.154 |
| 29.03.2020 | 00:15 | 01:30 | 1.118 |
| 29.03.2020 | 00:30 | 01:45 | 1.080 |
| 29.03.2020 | 00:45 | 02:00 | 1.045 |
| 29.03.2020 | 01:00 | 02:15 | 1.021 |
| 29.03.2020 | 01:15 | 02:30 | 997 |
| 29.03.2020 | 01:30 | 02:45 | 979 |
| 29.03.2020 | 01:45 | 03:00 | 965 |
| 29.03.2020 | 03:00 | 03:15 | 955 |
| 29.03.2020 | 03:15 | 03:30 | 943 |
| 29.03.2020 | 03:30 | 03:45 | 936 |
| 29.03.2020 | 03:45 | 04:00 | 927 |
| 29.03.2020 | 04:00 | 04:15 | 926 |
| 29.03.2020 | 04:15 | 04:30 | 915 |
| 29.03.2020 | 04:30 | 04:45 | 916 |
| 29.03.2020 | 04:45 | 05:00 | 923 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.03.2020 | 05:00 | 05:15 | 930 |
| 29.03.2020 | 05:15 | 05:30 | 931 |
| 29.03.2020 | 05:30 | 05:45 | 934 |
| 29.03.2020 | 05:45 | 06:00 | 941 |
| 29.03.2020 | 06:00 | 06:15 | 937 |
| 29.03.2020 | 06:15 | 06:30 | 942 |
| 29.03.2020 | 06:30 | 06:45 | 958 |
| 29.03.2020 | 06:45 | 07:00 | 943 |
| 29.03.2020 | 07:00 | 07:15 | 936 |
| 29.03.2020 | 07:15 | 07:30 | 942 |
| 29.03.2020 | 07:30 | 07:45 | 966 |
| 29.03.2020 | 07:45 | 08:00 | 995 |
| 29.03.2020 | 08:00 | 08:15 | 1.031 |
| 29.03.2020 | 08:15 | 08:30 | 1.080 |
| 29.03.2020 | 08:30 | 08:45 | 1.130 |
| 29.03.2020 | 08:45 | 09:00 | 1.187 |
| 29.03.2020 | 09:00 | 09:15 | 1.247 |
| 29.03.2020 | 09:15 | 09:30 | 1.304 |
| 29.03.2020 | 09:30 | 09:45 | 1.379 |
| 29.03.2020 | 09:45 | 10:00 | 1.441 |
| 29.03.2020 | 10:00 | 10:15 | 1.490 |
| 29.03.2020 | 10:15 | 10:30 | 1.562 |
| 29.03.2020 | 10:30 | 10:45 | 1.642 |
| 29.03.2020 | 10:45 | 11:00 | 1.700 |
| 29.03.2020 | 11:00 | 11:15 | 1.780 |
| 29.03.2020 | 11:15 | 11:30 | 1.838 |
| 29.03.2020 | 11:30 | 11:45 | 1.882 |
| 29.03.2020 | 11:45 | 12:00 | 1.953 |
| 29.03.2020 | 12:00 | 12:15 | 2.002 |
| 29.03.2020 | 12:15 | 12:30 | 2.047 |
| 29.03.2020 | 12:30 | 12:45 | 2.070 |
| 29.03.2020 | 12:45 | 13:00 | 2.075 |
| 29.03.2020 | 13:00 | 13:15 | 2.060 |
| 29.03.2020 | 13:15 | 13:30 | 2.062 |
| 29.03.2020 | 13:30 | 13:45 | 2.042 |
| 29.03.2020 | 13:45 | 14:00 | 2.013 |
| 29.03.2020 | 14:00 | 14:15 | 1.988 |
| 29.03.2020 | 14:15 | 14:30 | 1.969 |
| 29.03.2020 | 14:30 | 14:45 | 1.936 |
| 29.03.2020 | 14:45 | 15:00 | 1.897 |
| 29.03.2020 | 15:00 | 15:15 | 1.897 |
| 29.03.2020 | 15:15 | 15:30 | 1.898 |
| 29.03.2020 | 15:30 | 15:45 | 1.899 |
| 29.03.2020 | 15:45 | 16:00 | 1.859 |
| 29.03.2020 | 16:00 | 16:15 | 1.854 |
| 29.03.2020 | 16:15 | 16:30 | 1.847 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.03.2020 | 16:30 | 16:45 | 1.862 |
| 29.03.2020 | 16:45 | 17:00 | 1.855 |
| 29.03.2020 | 17:00 | 17:15 | 1.871 |
| 29.03.2020 | 17:15 | 17:30 | 1.870 |
| 29.03.2020 | 17:30 | 17:45 | 1.887 |
| 29.03.2020 | 17:45 | 18:00 | 1.880 |
| 29.03.2020 | 18:00 | 18:15 | 1.919 |
| 29.03.2020 | 18:15 | 18:30 | 1.942 |
| 29.03.2020 | 18:30 | 18:45 | 1.949 |
| 29.03.2020 | 18:45 | 19:00 | 1.938 |
| 29.03.2020 | 19:00 | 19:15 | 1.934 |
| 29.03.2020 | 19:15 | 19:30 | 1.956 |
| 29.03.2020 | 19:30 | 19:45 | 1.941 |
| 29.03.2020 | 19:45 | 20:00 | 1.935 |
| 29.03.2020 | 20:00 | 20:15 | 1.953 |
| 29.03.2020 | 20:15 | 20:30 | 1.979 |
| 29.03.2020 | 20:30 | 20:45 | 1.929 |
| 29.03.2020 | 20:45 | 21:00 | 1.856 |
| 29.03.2020 | 21:00 | 21:15 | 1.773 |
| 29.03.2020 | 21:15 | 21:30 | 1.706 |
| 29.03.2020 | 21:30 | 21:45 | 1.663 |
| 29.03.2020 | 21:45 | 22:00 | 1.600 |
| 29.03.2020 | 22:00 | 22:15 | 1.706 |
| 29.03.2020 | 22:15 | 22:30 | 1.650 |
| 29.03.2020 | 22:30 | 22:45 | 1.605 |
| 29.03.2020 | 22:45 | 23:00 | 1.539 |
| 29.03.2020 | 23:00 | 23:15 | 1.491 |
| 29.03.2020 | 23:15 | 23:30 | 1.426 |
| 29.03.2020 | 23:30 | 23:45 | 1.367 |
| 29.03.2020 | 23:45 | 00:00 | 1.312 |
| 30.03.2020 | 00:00 | 00:15 | 1.265 |
| 30.03.2020 | 00:15 | 00:30 | 1.221 |
| 30.03.2020 | 00:30 | 00:45 | 1.185 |
| 30.03.2020 | 00:45 | 01:00 | 1.141 |
| 30.03.2020 | 01:00 | 01:15 | 1.114 |
| 30.03.2020 | 01:15 | 01:30 | 1.086 |
| 30.03.2020 | 01:30 | 01:45 | 1.067 |
| 30.03.2020 | 01:45 | 02:00 | 1.060 |
| 30.03.2020 | 02:00 | 02:15 | 1.050 |
| 30.03.2020 | 02:15 | 02:30 | 1.043 |
| 30.03.2020 | 02:30 | 02:45 | 1.027 |
| 30.03.2020 | 02:45 | 03:00 | 1.024 |
| 30.03.2020 | 03:00 | 03:15 | 1.028 |
| 30.03.2020 | 03:15 | 03:30 | 1.017 |
| 30.03.2020 | 03:30 | 03:45 | 1.027 |
| 30.03.2020 | 03:45 | 04:00 | 1.033 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.03.2020 | 04:00 | 04:15 | 1.051 |
| 30.03.2020 | 04:15 | 04:30 | 1.067 |
| 30.03.2020 | 04:30 | 04:45 | 1.076 |
| 30.03.2020 | 04:45 | 05:00 | 1.091 |
| 30.03.2020 | 05:00 | 05:15 | 1.142 |
| 30.03.2020 | 05:15 | 05:30 | 1.195 |
| 30.03.2020 | 05:30 | 05:45 | 1.229 |
| 30.03.2020 | 05:45 | 06:00 | 1.317 |
| 30.03.2020 | 06:00 | 06:15 | 1.418 |
| 30.03.2020 | 06:15 | 06:30 | 1.534 |
| 30.03.2020 | 06:30 | 06:45 | 1.618 |
| 30.03.2020 | 06:45 | 07:00 | 1.628 |
| 30.03.2020 | 07:00 | 07:15 | 1.713 |
| 30.03.2020 | 07:15 | 07:30 | 1.760 |
| 30.03.2020 | 07:30 | 07:45 | 1.817 |
| 30.03.2020 | 07:45 | 08:00 | 1.848 |
| 30.03.2020 | 08:00 | 08:15 | 1.886 |
| 30.03.2020 | 08:15 | 08:30 | 1.981 |
| 30.03.2020 | 08:30 | 08:45 | 2.000 |
| 30.03.2020 | 08:45 | 09:00 | 2.052 |
| 30.03.2020 | 09:00 | 09:15 | 2.073 |
| 30.03.2020 | 09:15 | 09:30 | 2.137 |
| 30.03.2020 | 09:30 | 09:45 | 2.188 |
| 30.03.2020 | 09:45 | 10:00 | 2.211 |
| 30.03.2020 | 10:00 | 10:15 | 2.221 |
| 30.03.2020 | 10:15 | 10:30 | 2.277 |
| 30.03.2020 | 10:30 | 10:45 | 2.277 |
| 30.03.2020 | 10:45 | 11:00 | 2.326 |
| 30.03.2020 | 11:00 | 11:15 | 2.381 |
| 30.03.2020 | 11:15 | 11:30 | 2.408 |
| 30.03.2020 | 11:30 | 11:45 | 2.462 |
| 30.03.2020 | 11:45 | 12:00 | 2.506 |
| 30.03.2020 | 12:00 | 12:15 | 2.521 |
| 30.03.2020 | 12:15 | 12:30 | 2.519 |
| 30.03.2020 | 12:30 | 12:45 | 2.519 |
| 30.03.2020 | 12:45 | 13:00 | 2.567 |
| 30.03.2020 | 13:00 | 13:15 | 2.557 |
| 30.03.2020 | 13:15 | 13:30 | 2.533 |
| 30.03.2020 | 13:30 | 13:45 | 2.470 |
| 30.03.2020 | 13:45 | 14:00 | 2.465 |
| 30.03.2020 | 14:00 | 14:15 | 2.441 |
| 30.03.2020 | 14:15 | 14:30 | 2.382 |
| 30.03.2020 | 14:30 | 14:45 | 2.355 |
| 30.03.2020 | 14:45 | 15:00 | 2.309 |
| 30.03.2020 | 15:00 | 15:15 | 2.288 |
| 30.03.2020 | 15:15 | 15:30 | 2.233 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.03.2020 | 15:30 | 15:45 | 2.199 |
| 30.03.2020 | 15:45 | 16:00 | 2.237 |
| 30.03.2020 | 16:00 | 16:15 | 2.290 |
| 30.03.2020 | 16:15 | 16:30 | 2.263 |
| 30.03.2020 | 16:30 | 16:45 | 2.238 |
| 30.03.2020 | 16:45 | 17:00 | 2.192 |
| 30.03.2020 | 17:00 | 17:15 | 2.240 |
| 30.03.2020 | 17:15 | 17:30 | 2.273 |
| 30.03.2020 | 17:30 | 17:45 | 2.294 |
| 30.03.2020 | 17:45 | 18:00 | 2.372 |
| 30.03.2020 | 18:00 | 18:15 | 2.448 |
| 30.03.2020 | 18:15 | 18:30 | 2.441 |
| 30.03.2020 | 18:30 | 18:45 | 2.407 |
| 30.03.2020 | 18:45 | 19:00 | 2.369 |
| 30.03.2020 | 19:00 | 19:15 | 2.341 |
| 30.03.2020 | 19:15 | 19:30 | 2.356 |
| 30.03.2020 | 19:30 | 19:45 | 2.383 |
| 30.03.2020 | 19:45 | 20:00 | 2.351 |
| 30.03.2020 | 20:00 | 20:15 | 2.311 |
| 30.03.2020 | 20:15 | 20:30 | 2.301 |
| 30.03.2020 | 20:30 | 20:45 | 2.231 |
| 30.03.2020 | 20:45 | 21:00 | 2.164 |
| 30.03.2020 | 21:00 | 21:15 | 2.045 |
| 30.03.2020 | 21:15 | 21:30 | 1.978 |
| 30.03.2020 | 21:30 | 21:45 | 1.892 |
| 30.03.2020 | 21:45 | 22:00 | 1.825 |
| 30.03.2020 | 22:00 | 22:15 | 1.860 |
| 30.03.2020 | 22:15 | 22:30 | 1.782 |
| 30.03.2020 | 22:30 | 22:45 | 1.724 |
| 30.03.2020 | 22:45 | 23:00 | 1.673 |
| 30.03.2020 | 23:00 | 23:15 | 1.595 |
| 30.03.2020 | 23:15 | 23:30 | 1.536 |
| 30.03.2020 | 23:30 | 23:45 | 1.466 |
| 30.03.2020 | 23:45 | 00:00 | 1.401 |
| 31.03.2020 | 00:00 | 00:15 | 1.346 |
| 31.03.2020 | 00:15 | 00:30 | 1.291 |
| 31.03.2020 | 00:30 | 00:45 | 1.249 |
| 31.03.2020 | 00:45 | 01:00 | 1.222 |
| 31.03.2020 | 01:00 | 01:15 | 1.187 |
| 31.03.2020 | 01:15 | 01:30 | 1.158 |
| 31.03.2020 | 01:30 | 01:45 | 1.130 |
| 31.03.2020 | 01:45 | 02:00 | 1.110 |
| 31.03.2020 | 02:00 | 02:15 | 1.087 |
| 31.03.2020 | 02:15 | 02:30 | 1.091 |
| 31.03.2020 | 02:30 | 02:45 | 1.080 |
| 31.03.2020 | 02:45 | 03:00 | 1.070 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.03.2020 | 03:00 | 03:15 | 1.061 |
| 31.03.2020 | 03:15 | 03:30 | 1.052 |
| 31.03.2020 | 03:30 | 03:45 | 1.055 |
| 31.03.2020 | 03:45 | 04:00 | 1.063 |
| 31.03.2020 | 04:00 | 04:15 | 1.084 |
| 31.03.2020 | 04:15 | 04:30 | 1.104 |
| 31.03.2020 | 04:30 | 04:45 | 1.122 |
| 31.03.2020 | 04:45 | 05:00 | 1.149 |
| 31.03.2020 | 05:00 | 05:15 | 1.193 |
| 31.03.2020 | 05:15 | 05:30 | 1.244 |
| 31.03.2020 | 05:30 | 05:45 | 1.279 |
| 31.03.2020 | 05:45 | 06:00 | 1.340 |
| 31.03.2020 | 06:00 | 06:15 | 1.431 |
| 31.03.2020 | 06:15 | 06:30 | 1.541 |
| 31.03.2020 | 06:30 | 06:45 | 1.605 |
| 31.03.2020 | 06:45 | 07:00 | 1.618 |
| 31.03.2020 | 07:00 | 07:15 | 1.693 |
| 31.03.2020 | 07:15 | 07:30 | 1.740 |
| 31.03.2020 | 07:30 | 07:45 | 1.793 |
| 31.03.2020 | 07:45 | 08:00 | 1.855 |
| 31.03.2020 | 08:00 | 08:15 | 1.928 |
| 31.03.2020 | 08:15 | 08:30 | 1.976 |
| 31.03.2020 | 08:30 | 08:45 | 1.988 |
| 31.03.2020 | 08:45 | 09:00 | 2.043 |
| 31.03.2020 | 09:00 | 09:15 | 2.121 |
| 31.03.2020 | 09:15 | 09:30 | 2.172 |
| 31.03.2020 | 09:30 | 09:45 | 2.216 |
| 31.03.2020 | 09:45 | 10:00 | 2.246 |
| 31.03.2020 | 10:00 | 10:15 | 2.262 |
| 31.03.2020 | 10:15 | 10:30 | 2.298 |
| 31.03.2020 | 10:30 | 10:45 | 2.303 |
| 31.03.2020 | 10:45 | 11:00 | 2.357 |
| 31.03.2020 | 11:00 | 11:15 | 2.370 |
| 31.03.2020 | 11:15 | 11:30 | 2.470 |
| 31.03.2020 | 11:30 | 11:45 | 2.476 |
| 31.03.2020 | 11:45 | 12:00 | 2.531 |
| 31.03.2020 | 12:00 | 12:15 | 2.540 |
| 31.03.2020 | 12:15 | 12:30 | 2.552 |
| 31.03.2020 | 12:30 | 12:45 | 2.553 |
| 31.03.2020 | 12:45 | 13:00 | 2.517 |
| 31.03.2020 | 13:00 | 13:15 | 2.475 |
| 31.03.2020 | 13:15 | 13:30 | 2.440 |
| 31.03.2020 | 13:30 | 13:45 | 2.432 |
| 31.03.2020 | 13:45 | 14:00 | 2.373 |
| 31.03.2020 | 14:00 | 14:15 | 2.295 |
| 31.03.2020 | 14:15 | 14:30 | 2.307 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.03.2020 | 14:30 | 14:45 | 2.258 |
| 31.03.2020 | 14:45 | 15:00 | 2.226 |
| 31.03.2020 | 15:00 | 15:15 | 2.220 |
| 31.03.2020 | 15:15 | 15:30 | 2.168 |
| 31.03.2020 | 15:30 | 15:45 | 2.138 |
| 31.03.2020 | 15:45 | 16:00 | 2.117 |
| 31.03.2020 | 16:00 | 16:15 | 2.127 |
| 31.03.2020 | 16:15 | 16:30 | 2.121 |
| 31.03.2020 | 16:30 | 16:45 | 2.095 |
| 31.03.2020 | 16:45 | 17:00 | 2.122 |
| 31.03.2020 | 17:00 | 17:15 | 2.123 |
| 31.03.2020 | 17:15 | 17:30 | 2.140 |
| 31.03.2020 | 17:30 | 17:45 | 2.144 |
| 31.03.2020 | 17:45 | 18:00 | 2.185 |
| 31.03.2020 | 18:00 | 18:15 | 2.225 |
| 31.03.2020 | 18:15 | 18:30 | 2.246 |
| 31.03.2020 | 18:30 | 18:45 | 2.243 |
| 31.03.2020 | 18:45 | 19:00 | 2.271 |
| 31.03.2020 | 19:00 | 19:15 | 2.269 |
| 31.03.2020 | 19:15 | 19:30 | 2.257 |
| 31.03.2020 | 19:30 | 19:45 | 2.214 |
| 31.03.2020 | 19:45 | 20:00 | 2.217 |
| 31.03.2020 | 20:00 | 20:15 | 2.242 |
| 31.03.2020 | 20:15 | 20:30 | 2.246 |
| 31.03.2020 | 20:30 | 20:45 | 2.251 |
| 31.03.2020 | 20:45 | 21:00 | 2.188 |
| 31.03.2020 | 21:00 | 21:15 | 2.088 |
| 31.03.2020 | 21:15 | 21:30 | 1.975 |
| 31.03.2020 | 21:30 | 21:45 | 1.916 |
| 31.03.2020 | 21:45 | 22:00 | 1.810 |
| 31.03.2020 | 22:00 | 22:15 | 1.821 |
| 31.03.2020 | 22:15 | 22:30 | 1.777 |
| 31.03.2020 | 22:30 | 22:45 | 1.730 |
| 31.03.2020 | 22:45 | 23:00 | 1.674 |
| 31.03.2020 | 23:00 | 23:15 | 1.584 |
| 31.03.2020 | 23:15 | 23:30 | 1.539 |
| 31.03.2020 | 23:30 | 23:45 | 1.465 |
| 31.03.2020 | 23:45 | 00:00 | 1.402 |
| 01.04.2020 | 00:00 | 00:15 | 1.360 |
| 01.04.2020 | 00:15 | 00:30 | 1.311 |
| 01.04.2020 | 00:30 | 00:45 | 1.272 |
| 01.04.2020 | 00:45 | 01:00 | 1.225 |
| 01.04.2020 | 01:00 | 01:15 | 1.180 |
| 01.04.2020 | 01:15 | 01:30 | 1.147 |
| 01.04.2020 | 01:30 | 01:45 | 1.123 |
| 01.04.2020 | 01:45 | 02:00 | 1.110 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.04.2020 | 02:00 | 02:15 | 1.110 |
| 01.04.2020 | 02:15 | 02:30 | 1.099 |
| 01.04.2020 | 02:30 | 02:45 | 1.080 |
| 01.04.2020 | 02:45 | 03:00 | 1.068 |
| 01.04.2020 | 03:00 | 03:15 | 1.060 |
| 01.04.2020 | 03:15 | 03:30 | 1.052 |
| 01.04.2020 | 03:30 | 03:45 | 1.070 |
| 01.04.2020 | 03:45 | 04:00 | 1.084 |
| 01.04.2020 | 04:00 | 04:15 | 1.101 |
| 01.04.2020 | 04:15 | 04:30 | 1.119 |
| 01.04.2020 | 04:30 | 04:45 | 1.150 |
| 01.04.2020 | 04:45 | 05:00 | 1.163 |
| 01.04.2020 | 05:00 | 05:15 | 1.216 |
| 01.04.2020 | 05:15 | 05:30 | 1.262 |
| 01.04.2020 | 05:30 | 05:45 | 1.295 |
| 01.04.2020 | 05:45 | 06:00 | 1.356 |
| 01.04.2020 | 06:00 | 06:15 | 1.459 |
| 01.04.2020 | 06:15 | 06:30 | 1.552 |
| 01.04.2020 | 06:30 | 06:45 | 1.618 |
| 01.04.2020 | 06:45 | 07:00 | 1.619 |
| 01.04.2020 | 07:00 | 07:15 | 1.696 |
| 01.04.2020 | 07:15 | 07:30 | 1.757 |
| 01.04.2020 | 07:30 | 07:45 | 1.813 |
| 01.04.2020 | 07:45 | 08:00 | 1.872 |
| 01.04.2020 | 08:00 | 08:15 | 1.926 |
| 01.04.2020 | 08:15 | 08:30 | 1.989 |
| 01.04.2020 | 08:30 | 08:45 | 2.034 |
| 01.04.2020 | 08:45 | 09:00 | 2.071 |
| 01.04.2020 | 09:00 | 09:15 | 2.125 |
| 01.04.2020 | 09:15 | 09:30 | 2.155 |
| 01.04.2020 | 09:30 | 09:45 | 2.199 |
| 01.04.2020 | 09:45 | 10:00 | 2.208 |
| 01.04.2020 | 10:00 | 10:15 | 2.188 |
| 01.04.2020 | 10:15 | 10:30 | 2.252 |
| 01.04.2020 | 10:30 | 10:45 | 2.258 |
| 01.04.2020 | 10:45 | 11:00 | 2.308 |
| 01.04.2020 | 11:00 | 11:15 | 2.342 |
| 01.04.2020 | 11:15 | 11:30 | 2.381 |
| 01.04.2020 | 11:30 | 11:45 | 2.404 |
| 01.04.2020 | 11:45 | 12:00 | 2.429 |
| 01.04.2020 | 12:00 | 12:15 | 2.444 |
| 01.04.2020 | 12:15 | 12:30 | 2.509 |
| 01.04.2020 | 12:30 | 12:45 | 2.465 |
| 01.04.2020 | 12:45 | 13:00 | 2.443 |
| 01.04.2020 | 13:00 | 13:15 | 2.420 |
| 01.04.2020 | 13:15 | 13:30 | 2.406 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.04.2020 | 13:30 | 13:45 | 2.342 |
| 01.04.2020 | 13:45 | 14:00 | 2.287 |
| 01.04.2020 | 14:00 | 14:15 | 2.209 |
| 01.04.2020 | 14:15 | 14:30 | 2.193 |
| 01.04.2020 | 14:30 | 14:45 | 2.158 |
| 01.04.2020 | 14:45 | 15:00 | 2.153 |
| 01.04.2020 | 15:00 | 15:15 | 2.129 |
| 01.04.2020 | 15:15 | 15:30 | 2.104 |
| 01.04.2020 | 15:30 | 15:45 | 2.082 |
| 01.04.2020 | 15:45 | 16:00 | 2.065 |
| 01.04.2020 | 16:00 | 16:15 | 2.053 |
| 01.04.2020 | 16:15 | 16:30 | 2.044 |
| 01.04.2020 | 16:30 | 16:45 | 2.020 |
| 01.04.2020 | 16:45 | 17:00 | 2.018 |
| 01.04.2020 | 17:00 | 17:15 | 2.046 |
| 01.04.2020 | 17:15 | 17:30 | 2.064 |
| 01.04.2020 | 17:30 | 17:45 | 2.078 |
| 01.04.2020 | 17:45 | 18:00 | 2.103 |
| 01.04.2020 | 18:00 | 18:15 | 2.121 |
| 01.04.2020 | 18:15 | 18:30 | 2.190 |
| 01.04.2020 | 18:30 | 18:45 | 2.211 |
| 01.04.2020 | 18:45 | 19:00 | 2.209 |
| 01.04.2020 | 19:00 | 19:15 | 2.211 |
| 01.04.2020 | 19:15 | 19:30 | 2.232 |
| 01.04.2020 | 19:30 | 19:45 | 2.210 |
| 01.04.2020 | 19:45 | 20:00 | 2.199 |
| 01.04.2020 | 20:00 | 20:15 | 2.191 |
| 01.04.2020 | 20:15 | 20:30 | 2.212 |
| 01.04.2020 | 20:30 | 20:45 | 2.230 |
| 01.04.2020 | 20:45 | 21:00 | 2.157 |
| 01.04.2020 | 21:00 | 21:15 | 2.059 |
| 01.04.2020 | 21:15 | 21:30 | 1.951 |
| 01.04.2020 | 21:30 | 21:45 | 1.852 |
| 01.04.2020 | 21:45 | 22:00 | 1.769 |
| 01.04.2020 | 22:00 | 22:15 | 1.791 |
| 01.04.2020 | 22:15 | 22:30 | 1.722 |
| 01.04.2020 | 22:30 | 22:45 | 1.695 |
| 01.04.2020 | 22:45 | 23:00 | 1.653 |
| 01.04.2020 | 23:00 | 23:15 | 1.581 |
| 01.04.2020 | 23:15 | 23:30 | 1.497 |
| 01.04.2020 | 23:30 | 23:45 | 1.438 |
| 01.04.2020 | 23:45 | 00:00 | 1.372 |
| 02.04.2020 | 00:00 | 00:15 | 1.333 |
| 02.04.2020 | 00:15 | 00:30 | 1.284 |
| 02.04.2020 | 00:30 | 00:45 | 1.252 |
| 02.04.2020 | 00:45 | 01:00 | 1.211 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.04.2020 | 01:00 | 01:15 | 1.166 |
| 02.04.2020 | 01:15 | 01:30 | 1.140 |
| 02.04.2020 | 01:30 | 01:45 | 1.118 |
| 02.04.2020 | 01:45 | 02:00 | 1.100 |
| 02.04.2020 | 02:00 | 02:15 | 1.086 |
| 02.04.2020 | 02:15 | 02:30 | 1.062 |
| 02.04.2020 | 02:30 | 02:45 | 1.051 |
| 02.04.2020 | 02:45 | 03:00 | 1.043 |
| 02.04.2020 | 03:00 | 03:15 | 1.043 |
| 02.04.2020 | 03:15 | 03:30 | 1.039 |
| 02.04.2020 | 03:30 | 03:45 | 1.049 |
| 02.04.2020 | 03:45 | 04:00 | 1.051 |
| 02.04.2020 | 04:00 | 04:15 | 1.071 |
| 02.04.2020 | 04:15 | 04:30 | 1.097 |
| 02.04.2020 | 04:30 | 04:45 | 1.106 |
| 02.04.2020 | 04:45 | 05:00 | 1.125 |
| 02.04.2020 | 05:00 | 05:15 | 1.164 |
| 02.04.2020 | 05:15 | 05:30 | 1.215 |
| 02.04.2020 | 05:30 | 05:45 | 1.268 |
| 02.04.2020 | 05:45 | 06:00 | 1.350 |
| 02.04.2020 | 06:00 | 06:15 | 1.434 |
| 02.04.2020 | 06:15 | 06:30 | 1.532 |
| 02.04.2020 | 06:30 | 06:45 | 1.592 |
| 02.04.2020 | 06:45 | 07:00 | 1.617 |
| 02.04.2020 | 07:00 | 07:15 | 1.680 |
| 02.04.2020 | 07:15 | 07:30 | 1.737 |
| 02.04.2020 | 07:30 | 07:45 | 1.785 |
| 02.04.2020 | 07:45 | 08:00 | 1.863 |
| 02.04.2020 | 08:00 | 08:15 | 1.910 |
| 02.04.2020 | 08:15 | 08:30 | 1.959 |
| 02.04.2020 | 08:30 | 08:45 | 2.012 |
| 02.04.2020 | 08:45 | 09:00 | 2.049 |
| 02.04.2020 | 09:00 | 09:15 | 2.111 |
| 02.04.2020 | 09:15 | 09:30 | 2.165 |
| 02.04.2020 | 09:30 | 09:45 | 2.150 |
| 02.04.2020 | 09:45 | 10:00 | 2.228 |
| 02.04.2020 | 10:00 | 10:15 | 2.245 |
| 02.04.2020 | 10:15 | 10:30 | 2.262 |
| 02.04.2020 | 10:30 | 10:45 | 2.307 |
| 02.04.2020 | 10:45 | 11:00 | 2.331 |
| 02.04.2020 | 11:00 | 11:15 | 2.351 |
| 02.04.2020 | 11:15 | 11:30 | 2.416 |
| 02.04.2020 | 11:30 | 11:45 | 2.474 |
| 02.04.2020 | 11:45 | 12:00 | 2.487 |
| 02.04.2020 | 12:00 | 12:15 | 2.513 |
| 02.04.2020 | 12:15 | 12:30 | 2.531 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.04.2020 | 12:30 | 12:45 | 2.565 |
| 02.04.2020 | 12:45 | 13:00 | 2.513 |
| 02.04.2020 | 13:00 | 13:15 | 2.479 |
| 02.04.2020 | 13:15 | 13:30 | 2.489 |
| 02.04.2020 | 13:30 | 13:45 | 2.446 |
| 02.04.2020 | 13:45 | 14:00 | 2.377 |
| 02.04.2020 | 14:00 | 14:15 | 2.348 |
| 02.04.2020 | 14:15 | 14:30 | 2.317 |
| 02.04.2020 | 14:30 | 14:45 | 2.287 |
| 02.04.2020 | 14:45 | 15:00 | 2.283 |
| 02.04.2020 | 15:00 | 15:15 | 2.257 |
| 02.04.2020 | 15:15 | 15:30 | 2.209 |
| 02.04.2020 | 15:30 | 15:45 | 2.212 |
| 02.04.2020 | 15:45 | 16:00 | 2.212 |
| 02.04.2020 | 16:00 | 16:15 | 2.223 |
| 02.04.2020 | 16:15 | 16:30 | 2.207 |
| 02.04.2020 | 16:30 | 16:45 | 2.182 |
| 02.04.2020 | 16:45 | 17:00 | 2.176 |
| 02.04.2020 | 17:00 | 17:15 | 2.241 |
| 02.04.2020 | 17:15 | 17:30 | 2.247 |
| 02.04.2020 | 17:30 | 17:45 | 2.276 |
| 02.04.2020 | 17:45 | 18:00 | 2.288 |
| 02.04.2020 | 18:00 | 18:15 | 2.294 |
| 02.04.2020 | 18:15 | 18:30 | 2.325 |
| 02.04.2020 | 18:30 | 18:45 | 2.355 |
| 02.04.2020 | 18:45 | 19:00 | 2.381 |
| 02.04.2020 | 19:00 | 19:15 | 2.392 |
| 02.04.2020 | 19:15 | 19:30 | 2.376 |
| 02.04.2020 | 19:30 | 19:45 | 2.305 |
| 02.04.2020 | 19:45 | 20:00 | 2.263 |
| 02.04.2020 | 20:00 | 20:15 | 2.260 |
| 02.04.2020 | 20:15 | 20:30 | 2.233 |
| 02.04.2020 | 20:30 | 20:45 | 2.214 |
| 02.04.2020 | 20:45 | 21:00 | 2.117 |
| 02.04.2020 | 21:00 | 21:15 | 1.987 |
| 02.04.2020 | 21:15 | 21:30 | 1.926 |
| 02.04.2020 | 21:30 | 21:45 | 1.841 |
| 02.04.2020 | 21:45 | 22:00 | 1.763 |
| 02.04.2020 | 22:00 | 22:15 | 1.784 |
| 02.04.2020 | 22:15 | 22:30 | 1.707 |
| 02.04.2020 | 22:30 | 22:45 | 1.685 |
| 02.04.2020 | 22:45 | 23:00 | 1.626 |
| 02.04.2020 | 23:00 | 23:15 | 1.542 |
| 02.04.2020 | 23:15 | 23:30 | 1.474 |
| 02.04.2020 | 23:30 | 23:45 | 1.400 |
| 02.04.2020 | 23:45 | 00:00 | 1.369 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.04.2020 | 00:00 | 00:15 | 1.323 |
| 03.04.2020 | 00:15 | 00:30 | 1.281 |
| 03.04.2020 | 00:30 | 00:45 | 1.231 |
| 03.04.2020 | 00:45 | 01:00 | 1.195 |
| 03.04.2020 | 01:00 | 01:15 | 1.161 |
| 03.04.2020 | 01:15 | 01:30 | 1.124 |
| 03.04.2020 | 01:30 | 01:45 | 1.093 |
| 03.04.2020 | 01:45 | 02:00 | 1.079 |
| 03.04.2020 | 02:00 | 02:15 | 1.064 |
| 03.04.2020 | 02:15 | 02:30 | 1.049 |
| 03.04.2020 | 02:30 | 02:45 | 1.031 |
| 03.04.2020 | 02:45 | 03:00 | 1.021 |
| 03.04.2020 | 03:00 | 03:15 | 1.014 |
| 03.04.2020 | 03:15 | 03:30 | 1.011 |
| 03.04.2020 | 03:30 | 03:45 | 1.021 |
| 03.04.2020 | 03:45 | 04:00 | 1.031 |
| 03.04.2020 | 04:00 | 04:15 | 1.050 |
| 03.04.2020 | 04:15 | 04:30 | 1.066 |
| 03.04.2020 | 04:30 | 04:45 | 1.082 |
| 03.04.2020 | 04:45 | 05:00 | 1.104 |
| 03.04.2020 | 05:00 | 05:15 | 1.147 |
| 03.04.2020 | 05:15 | 05:30 | 1.206 |
| 03.04.2020 | 05:30 | 05:45 | 1.254 |
| 03.04.2020 | 05:45 | 06:00 | 1.320 |
| 03.04.2020 | 06:00 | 06:15 | 1.401 |
| 03.04.2020 | 06:15 | 06:30 | 1.518 |
| 03.04.2020 | 06:30 | 06:45 | 1.583 |
| 03.04.2020 | 06:45 | 07:00 | 1.611 |
| 03.04.2020 | 07:00 | 07:15 | 1.672 |
| 03.04.2020 | 07:15 | 07:30 | 1.707 |
| 03.04.2020 | 07:30 | 07:45 | 1.760 |
| 03.04.2020 | 07:45 | 08:00 | 1.801 |
| 03.04.2020 | 08:00 | 08:15 | 1.843 |
| 03.04.2020 | 08:15 | 08:30 | 1.890 |
| 03.04.2020 | 08:30 | 08:45 | 1.939 |
| 03.04.2020 | 08:45 | 09:00 | 1.992 |
| 03.04.2020 | 09:00 | 09:15 | 2.055 |
| 03.04.2020 | 09:15 | 09:30 | 2.093 |
| 03.04.2020 | 09:30 | 09:45 | 2.143 |
| 03.04.2020 | 09:45 | 10:00 | 2.171 |
| 03.04.2020 | 10:00 | 10:15 | 2.198 |
| 03.04.2020 | 10:15 | 10:30 | 2.223 |
| 03.04.2020 | 10:30 | 10:45 | 2.267 |
| 03.04.2020 | 10:45 | 11:00 | 2.282 |
| 03.04.2020 | 11:00 | 11:15 | 2.319 |
| 03.04.2020 | 11:15 | 11:30 | 2.423 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.04.2020 | 11:30 | 11:45 | 2.483 |
| 03.04.2020 | 11:45 | 12:00 | 2.486 |
| 03.04.2020 | 12:00 | 12:15 | 2.572 |
| 03.04.2020 | 12:15 | 12:30 | 2.634 |
| 03.04.2020 | 12:30 | 12:45 | 2.631 |
| 03.04.2020 | 12:45 | 13:00 | 2.626 |
| 03.04.2020 | 13:00 | 13:15 | 2.554 |
| 03.04.2020 | 13:15 | 13:30 | 2.491 |
| 03.04.2020 | 13:30 | 13:45 | 2.433 |
| 03.04.2020 | 13:45 | 14:00 | 2.358 |
| 03.04.2020 | 14:00 | 14:15 | 2.338 |
| 03.04.2020 | 14:15 | 14:30 | 2.272 |
| 03.04.2020 | 14:30 | 14:45 | 2.245 |
| 03.04.2020 | 14:45 | 15:00 | 2.307 |
| 03.04.2020 | 15:00 | 15:15 | 2.354 |
| 03.04.2020 | 15:15 | 15:30 | 2.359 |
| 03.04.2020 | 15:30 | 15:45 | 2.309 |
| 03.04.2020 | 15:45 | 16:00 | 2.268 |
| 03.04.2020 | 16:00 | 16:15 | 2.288 |
| 03.04.2020 | 16:15 | 16:30 | 2.269 |
| 03.04.2020 | 16:30 | 16:45 | 2.271 |
| 03.04.2020 | 16:45 | 17:00 | 2.248 |
| 03.04.2020 | 17:00 | 17:15 | 2.217 |
| 03.04.2020 | 17:15 | 17:30 | 2.264 |
| 03.04.2020 | 17:30 | 17:45 | 2.258 |
| 03.04.2020 | 17:45 | 18:00 | 2.260 |
| 03.04.2020 | 18:00 | 18:15 | 2.240 |
| 03.04.2020 | 18:15 | 18:30 | 2.243 |
| 03.04.2020 | 18:30 | 18:45 | 2.238 |
| 03.04.2020 | 18:45 | 19:00 | 2.230 |
| 03.04.2020 | 19:00 | 19:15 | 2.226 |
| 03.04.2020 | 19:15 | 19:30 | 2.186 |
| 03.04.2020 | 19:30 | 19:45 | 2.155 |
| 03.04.2020 | 19:45 | 20:00 | 2.160 |
| 03.04.2020 | 20:00 | 20:15 | 2.139 |
| 03.04.2020 | 20:15 | 20:30 | 2.160 |
| 03.04.2020 | 20:30 | 20:45 | 2.155 |
| 03.04.2020 | 20:45 | 21:00 | 2.109 |
| 03.04.2020 | 21:00 | 21:15 | 2.001 |
| 03.04.2020 | 21:15 | 21:30 | 1.938 |
| 03.04.2020 | 21:30 | 21:45 | 1.844 |
| 03.04.2020 | 21:45 | 22:00 | 1.753 |
| 03.04.2020 | 22:00 | 22:15 | 1.786 |
| 03.04.2020 | 22:15 | 22:30 | 1.740 |
| 03.04.2020 | 22:30 | 22:45 | 1.722 |
| 03.04.2020 | 22:45 | 23:00 | 1.679 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.04.2020 | 23:00 | 23:15 | 1.601 |
| 03.04.2020 | 23:15 | 23:30 | 1.533 |
| 03.04.2020 | 23:30 | 23:45 | 1.474 |
| 03.04.2020 | 23:45 | 00:00 | 1.423 |
| 04.04.2020 | 00:00 | 00:15 | 1.362 |
| 04.04.2020 | 00:15 | 00:30 | 1.306 |
| 04.04.2020 | 00:30 | 00:45 | 1.263 |
| 04.04.2020 | 00:45 | 01:00 | 1.220 |
| 04.04.2020 | 01:00 | 01:15 | 1.183 |
| 04.04.2020 | 01:15 | 01:30 | 1.160 |
| 04.04.2020 | 01:30 | 01:45 | 1.128 |
| 04.04.2020 | 01:45 | 02:00 | 1.102 |
| 04.04.2020 | 02:00 | 02:15 | 1.094 |
| 04.04.2020 | 02:15 | 02:30 | 1.071 |
| 04.04.2020 | 02:30 | 02:45 | 1.049 |
| 04.04.2020 | 02:45 | 03:00 | 1.038 |
| 04.04.2020 | 03:00 | 03:15 | 1.034 |
| 04.04.2020 | 03:15 | 03:30 | 1.022 |
| 04.04.2020 | 03:30 | 03:45 | 1.027 |
| 04.04.2020 | 03:45 | 04:00 | 1.036 |
| 04.04.2020 | 04:00 | 04:15 | 1.045 |
| 04.04.2020 | 04:15 | 04:30 | 1.048 |
| 04.04.2020 | 04:30 | 04:45 | 1.050 |
| 04.04.2020 | 04:45 | 05:00 | 1.066 |
| 04.04.2020 | 05:00 | 05:15 | 1.080 |
| 04.04.2020 | 05:15 | 05:30 | 1.087 |
| 04.04.2020 | 05:30 | 05:45 | 1.098 |
| 04.04.2020 | 05:45 | 06:00 | 1.114 |
| 04.04.2020 | 06:00 | 06:15 | 1.115 |
| 04.04.2020 | 06:15 | 06:30 | 1.137 |
| 04.04.2020 | 06:30 | 06:45 | 1.133 |
| 04.04.2020 | 06:45 | 07:00 | 1.138 |
| 04.04.2020 | 07:00 | 07:15 | 1.159 |
| 04.04.2020 | 07:15 | 07:30 | 1.202 |
| 04.04.2020 | 07:30 | 07:45 | 1.247 |
| 04.04.2020 | 07:45 | 08:00 | 1.285 |
| 04.04.2020 | 08:00 | 08:15 | 1.352 |
| 04.04.2020 | 08:15 | 08:30 | 1.396 |
| 04.04.2020 | 08:30 | 08:45 | 1.446 |
| 04.04.2020 | 08:45 | 09:00 | 1.514 |
| 04.04.2020 | 09:00 | 09:15 | 1.583 |
| 04.04.2020 | 09:15 | 09:30 | 1.644 |
| 04.04.2020 | 09:30 | 09:45 | 1.707 |
| 04.04.2020 | 09:45 | 10:00 | 1.750 |
| 04.04.2020 | 10:00 | 10:15 | 1.782 |
| 04.04.2020 | 10:15 | 10:30 | 1.824 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.04.2020 | 10:30 | 10:45 | 1.852 |
| 04.04.2020 | 10:45 | 11:00 | 1.893 |
| 04.04.2020 | 11:00 | 11:15 | 1.911 |
| 04.04.2020 | 11:15 | 11:30 | 1.935 |
| 04.04.2020 | 11:30 | 11:45 | 1.950 |
| 04.04.2020 | 11:45 | 12:00 | 1.979 |
| 04.04.2020 | 12:00 | 12:15 | 1.995 |
| 04.04.2020 | 12:15 | 12:30 | 1.976 |
| 04.04.2020 | 12:30 | 12:45 | 1.961 |
| 04.04.2020 | 12:45 | 13:00 | 1.957 |
| 04.04.2020 | 13:00 | 13:15 | 1.931 |
| 04.04.2020 | 13:15 | 13:30 | 1.920 |
| 04.04.2020 | 13:30 | 13:45 | 1.879 |
| 04.04.2020 | 13:45 | 14:00 | 1.842 |
| 04.04.2020 | 14:00 | 14:15 | 1.795 |
| 04.04.2020 | 14:15 | 14:30 | 1.769 |
| 04.04.2020 | 14:30 | 14:45 | 1.755 |
| 04.04.2020 | 14:45 | 15:00 | 1.718 |
| 04.04.2020 | 15:00 | 15:15 | 1.711 |
| 04.04.2020 | 15:15 | 15:30 | 1.702 |
| 04.04.2020 | 15:30 | 15:45 | 1.677 |
| 04.04.2020 | 15:45 | 16:00 | 1.648 |
| 04.04.2020 | 16:00 | 16:15 | 1.645 |
| 04.04.2020 | 16:15 | 16:30 | 1.646 |
| 04.04.2020 | 16:30 | 16:45 | 1.637 |
| 04.04.2020 | 16:45 | 17:00 | 1.653 |
| 04.04.2020 | 17:00 | 17:15 | 1.662 |
| 04.04.2020 | 17:15 | 17:30 | 1.701 |
| 04.04.2020 | 17:30 | 17:45 | 1.744 |
| 04.04.2020 | 17:45 | 18:00 | 1.761 |
| 04.04.2020 | 18:00 | 18:15 | 1.766 |
| 04.04.2020 | 18:15 | 18:30 | 1.811 |
| 04.04.2020 | 18:30 | 18:45 | 1.823 |
| 04.04.2020 | 18:45 | 19:00 | 1.856 |
| 04.04.2020 | 19:00 | 19:15 | 1.866 |
| 04.04.2020 | 19:15 | 19:30 | 1.890 |
| 04.04.2020 | 19:30 | 19:45 | 1.895 |
| 04.04.2020 | 19:45 | 20:00 | 1.876 |
| 04.04.2020 | 20:00 | 20:15 | 1.840 |
| 04.04.2020 | 20:15 | 20:30 | 1.867 |
| 04.04.2020 | 20:30 | 20:45 | 1.867 |
| 04.04.2020 | 20:45 | 21:00 | 1.867 |
| 04.04.2020 | 21:00 | 21:15 | 1.768 |
| 04.04.2020 | 21:15 | 21:30 | 1.685 |
| 04.04.2020 | 21:30 | 21:45 | 1.635 |
| 04.04.2020 | 21:45 | 22:00 | 1.583 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.04.2020 | 22:00 | 22:15 | 1.636 |
| 04.04.2020 | 22:15 | 22:30 | 1.573 |
| 04.04.2020 | 22:30 | 22:45 | 1.505 |
| 04.04.2020 | 22:45 | 23:00 | 1.454 |
| 04.04.2020 | 23:00 | 23:15 | 1.385 |
| 04.04.2020 | 23:15 | 23:30 | 1.351 |
| 04.04.2020 | 23:30 | 23:45 | 1.307 |
| 04.04.2020 | 23:45 | 00:00 | 1.259 |
| 05.04.2020 | 00:00 | 00:15 | 1.200 |
| 05.04.2020 | 00:15 | 00:30 | 1.144 |
| 05.04.2020 | 00:30 | 00:45 | 1.106 |
| 05.04.2020 | 00:45 | 01:00 | 1.063 |
| 05.04.2020 | 01:00 | 01:15 | 1.030 |
| 05.04.2020 | 01:15 | 01:30 | 1.001 |
| 05.04.2020 | 01:30 | 01:45 | 977 |
| 05.04.2020 | 01:45 | 02:00 | 958 |
| 05.04.2020 | 02:00 | 02:15 | 947 |
| 05.04.2020 | 02:15 | 02:30 | 935 |
| 05.04.2020 | 02:30 | 02:45 | 922 |
| 05.04.2020 | 02:45 | 03:00 | 922 |
| 05.04.2020 | 03:00 | 03:15 | 914 |
| 05.04.2020 | 03:15 | 03:30 | 911 |
| 05.04.2020 | 03:30 | 03:45 | 906 |
| 05.04.2020 | 03:45 | 04:00 | 905 |
| 05.04.2020 | 04:00 | 04:15 | 902 |
| 05.04.2020 | 04:15 | 04:30 | 908 |
| 05.04.2020 | 04:30 | 04:45 | 909 |
| 05.04.2020 | 04:45 | 05:00 | 914 |
| 05.04.2020 | 05:00 | 05:15 | 923 |
| 05.04.2020 | 05:15 | 05:30 | 929 |
| 05.04.2020 | 05:30 | 05:45 | 935 |
| 05.04.2020 | 05:45 | 06:00 | 952 |
| 05.04.2020 | 06:00 | 06:15 | 948 |
| 05.04.2020 | 06:15 | 06:30 | 964 |
| 05.04.2020 | 06:30 | 06:45 | 943 |
| 05.04.2020 | 06:45 | 07:00 | 952 |
| 05.04.2020 | 07:00 | 07:15 | 973 |
| 05.04.2020 | 07:15 | 07:30 | 990 |
| 05.04.2020 | 07:30 | 07:45 | 1.034 |
| 05.04.2020 | 07:45 | 08:00 | 1.075 |
| 05.04.2020 | 08:00 | 08:15 | 1.133 |
| 05.04.2020 | 08:15 | 08:30 | 1.182 |
| 05.04.2020 | 08:30 | 08:45 | 1.238 |
| 05.04.2020 | 08:45 | 09:00 | 1.297 |
| 05.04.2020 | 09:00 | 09:15 | 1.354 |
| 05.04.2020 | 09:15 | 09:30 | 1.431 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.04.2020 | 09:30 | 09:45 | 1.489 |
| 05.04.2020 | 09:45 | 10:00 | 1.556 |
| 05.04.2020 | 10:00 | 10:15 | 1.588 |
| 05.04.2020 | 10:15 | 10:30 | 1.629 |
| 05.04.2020 | 10:30 | 10:45 | 1.681 |
| 05.04.2020 | 10:45 | 11:00 | 1.709 |
| 05.04.2020 | 11:00 | 11:15 | 1.753 |
| 05.04.2020 | 11:15 | 11:30 | 1.784 |
| 05.04.2020 | 11:30 | 11:45 | 1.798 |
| 05.04.2020 | 11:45 | 12:00 | 1.831 |
| 05.04.2020 | 12:00 | 12:15 | 1.854 |
| 05.04.2020 | 12:15 | 12:30 | 1.840 |
| 05.04.2020 | 12:30 | 12:45 | 1.838 |
| 05.04.2020 | 12:45 | 13:00 | 1.799 |
| 05.04.2020 | 13:00 | 13:15 | 1.773 |
| 05.04.2020 | 13:15 | 13:30 | 1.747 |
| 05.04.2020 | 13:30 | 13:45 | 1.771 |
| 05.04.2020 | 13:45 | 14:00 | 1.732 |
| 05.04.2020 | 14:00 | 14:15 | 1.686 |
| 05.04.2020 | 14:15 | 14:30 | 1.591 |
| 05.04.2020 | 14:30 | 14:45 | 1.565 |
| 05.04.2020 | 14:45 | 15:00 | 1.538 |
| 05.04.2020 | 15:00 | 15:15 | 1.506 |
| 05.04.2020 | 15:15 | 15:30 | 1.486 |
| 05.04.2020 | 15:30 | 15:45 | 1.477 |
| 05.04.2020 | 15:45 | 16:00 | 1.474 |
| 05.04.2020 | 16:00 | 16:15 | 1.466 |
| 05.04.2020 | 16:15 | 16:30 | 1.450 |
| 05.04.2020 | 16:30 | 16:45 | 1.458 |
| 05.04.2020 | 16:45 | 17:00 | 1.446 |
| 05.04.2020 | 17:00 | 17:15 | 1.488 |
| 05.04.2020 | 17:15 | 17:30 | 1.511 |
| 05.04.2020 | 17:30 | 17:45 | 1.547 |
| 05.04.2020 | 17:45 | 18:00 | 1.576 |
| 05.04.2020 | 18:00 | 18:15 | 1.634 |
| 05.04.2020 | 18:15 | 18:30 | 1.677 |
| 05.04.2020 | 18:30 | 18:45 | 1.677 |
| 05.04.2020 | 18:45 | 19:00 | 1.678 |
| 05.04.2020 | 19:00 | 19:15 | 1.687 |
| 05.04.2020 | 19:15 | 19:30 | 1.688 |
| 05.04.2020 | 19:30 | 19:45 | 1.696 |
| 05.04.2020 | 19:45 | 20:00 | 1.664 |
| 05.04.2020 | 20:00 | 20:15 | 1.661 |
| 05.04.2020 | 20:15 | 20:30 | 1.698 |
| 05.04.2020 | 20:30 | 20:45 | 1.756 |
| 05.04.2020 | 20:45 | 21:00 | 1.710 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.04.2020 | 21:00 | 21:15 | 1.654 |
| 05.04.2020 | 21:15 | 21:30 | 1.600 |
| 05.04.2020 | 21:30 | 21:45 | 1.543 |
| 05.04.2020 | 21:45 | 22:00 | 1.494 |
| 05.04.2020 | 22:00 | 22:15 | 1.561 |
| 05.04.2020 | 22:15 | 22:30 | 1.512 |
| 05.04.2020 | 22:30 | 22:45 | 1.454 |
| 05.04.2020 | 22:45 | 23:00 | 1.395 |
| 05.04.2020 | 23:00 | 23:15 | 1.326 |
| 05.04.2020 | 23:15 | 23:30 | 1.275 |
| 05.04.2020 | 23:30 | 23:45 | 1.216 |
| 05.04.2020 | 23:45 | 00:00 | 1.167 |
| 06.04.2020 | 00:00 | 00:15 | 1.124 |
| 06.04.2020 | 00:15 | 00:30 | 1.097 |
| 06.04.2020 | 00:30 | 00:45 | 1.060 |
| 06.04.2020 | 00:45 | 01:00 | 1.033 |
| 06.04.2020 | 01:00 | 01:15 | 1.013 |
| 06.04.2020 | 01:15 | 01:30 | 998 |
| 06.04.2020 | 01:30 | 01:45 | 972 |
| 06.04.2020 | 01:45 | 02:00 | 960 |
| 06.04.2020 | 02:00 | 02:15 | 955 |
| 06.04.2020 | 02:15 | 02:30 | 946 |
| 06.04.2020 | 02:30 | 02:45 | 935 |
| 06.04.2020 | 02:45 | 03:00 | 929 |
| 06.04.2020 | 03:00 | 03:15 | 928 |
| 06.04.2020 | 03:15 | 03:30 | 928 |
| 06.04.2020 | 03:30 | 03:45 | 934 |
| 06.04.2020 | 03:45 | 04:00 | 942 |
| 06.04.2020 | 04:00 | 04:15 | 957 |
| 06.04.2020 | 04:15 | 04:30 | 968 |
| 06.04.2020 | 04:30 | 04:45 | 988 |
| 06.04.2020 | 04:45 | 05:00 | 998 |
| 06.04.2020 | 05:00 | 05:15 | 1.046 |
| 06.04.2020 | 05:15 | 05:30 | 1.089 |
| 06.04.2020 | 05:30 | 05:45 | 1.144 |
| 06.04.2020 | 05:45 | 06:00 | 1.214 |
| 06.04.2020 | 06:00 | 06:15 | 1.325 |
| 06.04.2020 | 06:15 | 06:30 | 1.405 |
| 06.04.2020 | 06:30 | 06:45 | 1.443 |
| 06.04.2020 | 06:45 | 07:00 | 1.477 |
| 06.04.2020 | 07:00 | 07:15 | 1.549 |
| 06.04.2020 | 07:15 | 07:30 | 1.609 |
| 06.04.2020 | 07:30 | 07:45 | 1.643 |
| 06.04.2020 | 07:45 | 08:00 | 1.675 |
| 06.04.2020 | 08:00 | 08:15 | 1.762 |
| 06.04.2020 | 08:15 | 08:30 | 1.831 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.04.2020 | 08:30 | 08:45 | 1.855 |
| 06.04.2020 | 08:45 | 09:00 | 1.903 |
| 06.04.2020 | 09:00 | 09:15 | 1.980 |
| 06.04.2020 | 09:15 | 09:30 | 2.031 |
| 06.04.2020 | 09:30 | 09:45 | 2.074 |
| 06.04.2020 | 09:45 | 10:00 | 2.093 |
| 06.04.2020 | 10:00 | 10:15 | 2.120 |
| 06.04.2020 | 10:15 | 10:30 | 2.131 |
| 06.04.2020 | 10:30 | 10:45 | 2.150 |
| 06.04.2020 | 10:45 | 11:00 | 2.219 |
| 06.04.2020 | 11:00 | 11:15 | 2.228 |
| 06.04.2020 | 11:15 | 11:30 | 2.234 |
| 06.04.2020 | 11:30 | 11:45 | 2.253 |
| 06.04.2020 | 11:45 | 12:00 | 2.276 |
| 06.04.2020 | 12:00 | 12:15 | 2.251 |
| 06.04.2020 | 12:15 | 12:30 | 2.291 |
| 06.04.2020 | 12:30 | 12:45 | 2.296 |
| 06.04.2020 | 12:45 | 13:00 | 2.279 |
| 06.04.2020 | 13:00 | 13:15 | 2.229 |
| 06.04.2020 | 13:15 | 13:30 | 2.212 |
| 06.04.2020 | 13:30 | 13:45 | 2.158 |
| 06.04.2020 | 13:45 | 14:00 | 2.115 |
| 06.04.2020 | 14:00 | 14:15 | 2.072 |
| 06.04.2020 | 14:15 | 14:30 | 2.089 |
| 06.04.2020 | 14:30 | 14:45 | 2.084 |
| 06.04.2020 | 14:45 | 15:00 | 2.029 |
| 06.04.2020 | 15:00 | 15:15 | 2.026 |
| 06.04.2020 | 15:15 | 15:30 | 1.985 |
| 06.04.2020 | 15:30 | 15:45 | 1.946 |
| 06.04.2020 | 15:45 | 16:00 | 1.920 |
| 06.04.2020 | 16:00 | 16:15 | 1.944 |
| 06.04.2020 | 16:15 | 16:30 | 1.915 |
| 06.04.2020 | 16:30 | 16:45 | 1.871 |
| 06.04.2020 | 16:45 | 17:00 | 1.941 |
| 06.04.2020 | 17:00 | 17:15 | 1.958 |
| 06.04.2020 | 17:15 | 17:30 | 1.977 |
| 06.04.2020 | 17:30 | 17:45 | 1.976 |
| 06.04.2020 | 17:45 | 18:00 | 1.973 |
| 06.04.2020 | 18:00 | 18:15 | 1.980 |
| 06.04.2020 | 18:15 | 18:30 | 2.040 |
| 06.04.2020 | 18:30 | 18:45 | 2.035 |
| 06.04.2020 | 18:45 | 19:00 | 2.060 |
| 06.04.2020 | 19:00 | 19:15 | 2.075 |
| 06.04.2020 | 19:15 | 19:30 | 2.068 |
| 06.04.2020 | 19:30 | 19:45 | 2.086 |
| 06.04.2020 | 19:45 | 20:00 | 2.055 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 06.04.2020 | 20:00 | 20:15 | 2.025 |
| 06.04.2020 | 20:15 | 20:30 | 2.009 |
| 06.04.2020 | 20:30 | 20:45 | 2.014 |
| 06.04.2020 | 20:45 | 21:00 | 2.020 |
| 06.04.2020 | 21:00 | 21:15 | 1.963 |
| 06.04.2020 | 21:15 | 21:30 | 1.856 |
| 06.04.2020 | 21:30 | 21:45 | 1.777 |
| 06.04.2020 | 21:45 | 22:00 | 1.717 |
| 06.04.2020 | 22:00 | 22:15 | 1.673 |
| 06.04.2020 | 22:15 | 22:30 | 1.578 |
| 06.04.2020 | 22:30 | 22:45 | 1.540 |
| 06.04.2020 | 22:45 | 23:00 | 1.484 |
| 06.04.2020 | 23:00 | 23:15 | 1.408 |
| 06.04.2020 | 23:15 | 23:30 | 1.361 |
| 06.04.2020 | 23:30 | 23:45 | 1.292 |
| 06.04.2020 | 23:45 | 00:00 | 1.255 |
| 07.04.2020 | 00:00 | 00:15 | 1.206 |
| 07.04.2020 | 00:15 | 00:30 | 1.174 |
| 07.04.2020 | 00:30 | 00:45 | 1.140 |
| 07.04.2020 | 00:45 | 01:00 | 1.108 |
| 07.04.2020 | 01:00 | 01:15 | 1.079 |
| 07.04.2020 | 01:15 | 01:30 | 1.051 |
| 07.04.2020 | 01:30 | 01:45 | 1.028 |
| 07.04.2020 | 01:45 | 02:00 | 1.019 |
| 07.04.2020 | 02:00 | 02:15 | 1.003 |
| 07.04.2020 | 02:15 | 02:30 | 992 |
| 07.04.2020 | 02:30 | 02:45 | 975 |
| 07.04.2020 | 02:45 | 03:00 | 979 |
| 07.04.2020 | 03:00 | 03:15 | 977 |
| 07.04.2020 | 03:15 | 03:30 | 964 |
| 07.04.2020 | 03:30 | 03:45 | 971 |
| 07.04.2020 | 03:45 | 04:00 | 981 |
| 07.04.2020 | 04:00 | 04:15 | 993 |
| 07.04.2020 | 04:15 | 04:30 | 1.008 |
| 07.04.2020 | 04:30 | 04:45 | 1.029 |
| 07.04.2020 | 04:45 | 05:00 | 1.047 |
| 07.04.2020 | 05:00 | 05:15 | 1.087 |
| 07.04.2020 | 05:15 | 05:30 | 1.127 |
| 07.04.2020 | 05:30 | 05:45 | 1.182 |
| 07.04.2020 | 05:45 | 06:00 | 1.248 |
| 07.04.2020 | 06:00 | 06:15 | 1.328 |
| 07.04.2020 | 06:15 | 06:30 | 1.409 |
| 07.04.2020 | 06:30 | 06:45 | 1.450 |
| 07.04.2020 | 06:45 | 07:00 | 1.469 |
| 07.04.2020 | 07:00 | 07:15 | 1.527 |
| 07.04.2020 | 07:15 | 07:30 | 1.577 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.04.2020 | 07:30 | 07:45 | 1.613 |
| 07.04.2020 | 07:45 | 08:00 | 1.675 |
| 07.04.2020 | 08:00 | 08:15 | 1.750 |
| 07.04.2020 | 08:15 | 08:30 | 1.802 |
| 07.04.2020 | 08:30 | 08:45 | 1.835 |
| 07.04.2020 | 08:45 | 09:00 | 1.906 |
| 07.04.2020 | 09:00 | 09:15 | 1.954 |
| 07.04.2020 | 09:15 | 09:30 | 1.999 |
| 07.04.2020 | 09:30 | 09:45 | 2.042 |
| 07.04.2020 | 09:45 | 10:00 | 2.055 |
| 07.04.2020 | 10:00 | 10:15 | 2.079 |
| 07.04.2020 | 10:15 | 10:30 | 2.110 |
| 07.04.2020 | 10:30 | 10:45 | 2.121 |
| 07.04.2020 | 10:45 | 11:00 | 2.142 |
| 07.04.2020 | 11:00 | 11:15 | 2.189 |
| 07.04.2020 | 11:15 | 11:30 | 2.231 |
| 07.04.2020 | 11:30 | 11:45 | 2.274 |
| 07.04.2020 | 11:45 | 12:00 | 2.290 |
| 07.04.2020 | 12:00 | 12:15 | 2.323 |
| 07.04.2020 | 12:15 | 12:30 | 2.345 |
| 07.04.2020 | 12:30 | 12:45 | 2.332 |
| 07.04.2020 | 12:45 | 13:00 | 2.318 |
| 07.04.2020 | 13:00 | 13:15 | 2.276 |
| 07.04.2020 | 13:15 | 13:30 | 2.246 |
| 07.04.2020 | 13:30 | 13:45 | 2.207 |
| 07.04.2020 | 13:45 | 14:00 | 2.187 |
| 07.04.2020 | 14:00 | 14:15 | 2.178 |
| 07.04.2020 | 14:15 | 14:30 | 2.122 |
| 07.04.2020 | 14:30 | 14:45 | 2.054 |
| 07.04.2020 | 14:45 | 15:00 | 2.070 |
| 07.04.2020 | 15:00 | 15:15 | 2.057 |
| 07.04.2020 | 15:15 | 15:30 | 2.049 |
| 07.04.2020 | 15:30 | 15:45 | 2.020 |
| 07.04.2020 | 15:45 | 16:00 | 1.974 |
| 07.04.2020 | 16:00 | 16:15 | 1.977 |
| 07.04.2020 | 16:15 | 16:30 | 1.957 |
| 07.04.2020 | 16:30 | 16:45 | 1.961 |
| 07.04.2020 | 16:45 | 17:00 | 2.001 |
| 07.04.2020 | 17:00 | 17:15 | 2.015 |
| 07.04.2020 | 17:15 | 17:30 | 2.017 |
| 07.04.2020 | 17:30 | 17:45 | 1.993 |
| 07.04.2020 | 17:45 | 18:00 | 2.016 |
| 07.04.2020 | 18:00 | 18:15 | 2.034 |
| 07.04.2020 | 18:15 | 18:30 | 2.063 |
| 07.04.2020 | 18:30 | 18:45 | 2.054 |
| 07.04.2020 | 18:45 | 19:00 | 2.070 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.04.2020 | 19:00 | 19:15 | 2.082 |
| 07.04.2020 | 19:15 | 19:30 | 2.080 |
| 07.04.2020 | 19:30 | 19:45 | 2.061 |
| 07.04.2020 | 19:45 | 20:00 | 2.073 |
| 07.04.2020 | 20:00 | 20:15 | 2.070 |
| 07.04.2020 | 20:15 | 20:30 | 2.075 |
| 07.04.2020 | 20:30 | 20:45 | 2.064 |
| 07.04.2020 | 20:45 | 21:00 | 2.057 |
| 07.04.2020 | 21:00 | 21:15 | 1.973 |
| 07.04.2020 | 21:15 | 21:30 | 1.899 |
| 07.04.2020 | 21:30 | 21:45 | 1.797 |
| 07.04.2020 | 21:45 | 22:00 | 1.727 |
| 07.04.2020 | 22:00 | 22:15 | 1.676 |
| 07.04.2020 | 22:15 | 22:30 | 1.600 |
| 07.04.2020 | 22:30 | 22:45 | 1.558 |
| 07.04.2020 | 22:45 | 23:00 | 1.488 |
| 07.04.2020 | 23:00 | 23:15 | 1.437 |
| 07.04.2020 | 23:15 | 23:30 | 1.360 |
| 07.04.2020 | 23:30 | 23:45 | 1.306 |
| 07.04.2020 | 23:45 | 00:00 | 1.251 |
| 08.04.2020 | 00:00 | 00:15 | 1.212 |
| 08.04.2020 | 00:15 | 00:30 | 1.172 |
| 08.04.2020 | 00:30 | 00:45 | 1.136 |
| 08.04.2020 | 00:45 | 01:00 | 1.121 |
| 08.04.2020 | 01:00 | 01:15 | 1.092 |
| 08.04.2020 | 01:15 | 01:30 | 1.066 |
| 08.04.2020 | 01:30 | 01:45 | 1.036 |
| 08.04.2020 | 01:45 | 02:00 | 1.019 |
| 08.04.2020 | 02:00 | 02:15 | 1.019 |
| 08.04.2020 | 02:15 | 02:30 | 999 |
| 08.04.2020 | 02:30 | 02:45 | 988 |
| 08.04.2020 | 02:45 | 03:00 | 985 |
| 08.04.2020 | 03:00 | 03:15 | 974 |
| 08.04.2020 | 03:15 | 03:30 | 980 |
| 08.04.2020 | 03:30 | 03:45 | 984 |
| 08.04.2020 | 03:45 | 04:00 | 990 |
| 08.04.2020 | 04:00 | 04:15 | 1.005 |
| 08.04.2020 | 04:15 | 04:30 | 1.023 |
| 08.04.2020 | 04:30 | 04:45 | 1.048 |
| 08.04.2020 | 04:45 | 05:00 | 1.062 |
| 08.04.2020 | 05:00 | 05:15 | 1.111 |
| 08.04.2020 | 05:15 | 05:30 | 1.152 |
| 08.04.2020 | 05:30 | 05:45 | 1.191 |
| 08.04.2020 | 05:45 | 06:00 | 1.271 |
| 08.04.2020 | 06:00 | 06:15 | 1.353 |
| 08.04.2020 | 06:15 | 06:30 | 1.429 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.04.2020 | 06:30 | 06:45 | 1.454 |
| 08.04.2020 | 06:45 | 07:00 | 1.493 |
| 08.04.2020 | 07:00 | 07:15 | 1.538 |
| 08.04.2020 | 07:15 | 07:30 | 1.605 |
| 08.04.2020 | 07:30 | 07:45 | 1.690 |
| 08.04.2020 | 07:45 | 08:00 | 1.723 |
| 08.04.2020 | 08:00 | 08:15 | 1.764 |
| 08.04.2020 | 08:15 | 08:30 | 1.821 |
| 08.04.2020 | 08:30 | 08:45 | 1.850 |
| 08.04.2020 | 08:45 | 09:00 | 1.888 |
| 08.04.2020 | 09:00 | 09:15 | 1.939 |
| 08.04.2020 | 09:15 | 09:30 | 1.983 |
| 08.04.2020 | 09:30 | 09:45 | 2.016 |
| 08.04.2020 | 09:45 | 10:00 | 2.064 |
| 08.04.2020 | 10:00 | 10:15 | 2.076 |
| 08.04.2020 | 10:15 | 10:30 | 2.081 |
| 08.04.2020 | 10:30 | 10:45 | 2.116 |
| 08.04.2020 | 10:45 | 11:00 | 2.155 |
| 08.04.2020 | 11:00 | 11:15 | 2.224 |
| 08.04.2020 | 11:15 | 11:30 | 2.245 |
| 08.04.2020 | 11:30 | 11:45 | 2.241 |
| 08.04.2020 | 11:45 | 12:00 | 2.276 |
| 08.04.2020 | 12:00 | 12:15 | 2.284 |
| 08.04.2020 | 12:15 | 12:30 | 2.286 |
| 08.04.2020 | 12:30 | 12:45 | 2.277 |
| 08.04.2020 | 12:45 | 13:00 | 2.233 |
| 08.04.2020 | 13:00 | 13:15 | 2.231 |
| 08.04.2020 | 13:15 | 13:30 | 2.211 |
| 08.04.2020 | 13:30 | 13:45 | 2.188 |
| 08.04.2020 | 13:45 | 14:00 | 2.163 |
| 08.04.2020 | 14:00 | 14:15 | 2.132 |
| 08.04.2020 | 14:15 | 14:30 | 2.123 |
| 08.04.2020 | 14:30 | 14:45 | 2.033 |
| 08.04.2020 | 14:45 | 15:00 | 2.024 |
| 08.04.2020 | 15:00 | 15:15 | 2.007 |
| 08.04.2020 | 15:15 | 15:30 | 2.009 |
| 08.04.2020 | 15:30 | 15:45 | 1.961 |
| 08.04.2020 | 15:45 | 16:00 | 1.955 |
| 08.04.2020 | 16:00 | 16:15 | 1.953 |
| 08.04.2020 | 16:15 | 16:30 | 1.942 |
| 08.04.2020 | 16:30 | 16:45 | 1.910 |
| 08.04.2020 | 16:45 | 17:00 | 1.933 |
| 08.04.2020 | 17:00 | 17:15 | 1.913 |
| 08.04.2020 | 17:15 | 17:30 | 1.908 |
| 08.04.2020 | 17:30 | 17:45 | 1.928 |
| 08.04.2020 | 17:45 | 18:00 | 1.967 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.04.2020 | 18:00 | 18:15 | 1.989 |
| 08.04.2020 | 18:15 | 18:30 | 2.012 |
| 08.04.2020 | 18:30 | 18:45 | 2.021 |
| 08.04.2020 | 18:45 | 19:00 | 2.068 |
| 08.04.2020 | 19:00 | 19:15 | 2.082 |
| 08.04.2020 | 19:15 | 19:30 | 2.064 |
| 08.04.2020 | 19:30 | 19:45 | 2.060 |
| 08.04.2020 | 19:45 | 20:00 | 2.025 |
| 08.04.2020 | 20:00 | 20:15 | 2.005 |
| 08.04.2020 | 20:15 | 20:30 | 2.018 |
| 08.04.2020 | 20:30 | 20:45 | 1.996 |
| 08.04.2020 | 20:45 | 21:00 | 1.995 |
| 08.04.2020 | 21:00 | 21:15 | 1.972 |
| 08.04.2020 | 21:15 | 21:30 | 1.893 |
| 08.04.2020 | 21:30 | 21:45 | 1.793 |
| 08.04.2020 | 21:45 | 22:00 | 1.717 |
| 08.04.2020 | 22:00 | 22:15 | 1.682 |
| 08.04.2020 | 22:15 | 22:30 | 1.643 |
| 08.04.2020 | 22:30 | 22:45 | 1.583 |
| 08.04.2020 | 22:45 | 23:00 | 1.513 |
| 08.04.2020 | 23:00 | 23:15 | 1.432 |
| 08.04.2020 | 23:15 | 23:30 | 1.355 |
| 08.04.2020 | 23:30 | 23:45 | 1.310 |
| 08.04.2020 | 23:45 | 00:00 | 1.249 |
| 09.04.2020 | 00:00 | 00:15 | 1.219 |
| 09.04.2020 | 00:15 | 00:30 | 1.163 |
| 09.04.2020 | 00:30 | 00:45 | 1.121 |
| 09.04.2020 | 00:45 | 01:00 | 1.112 |
| 09.04.2020 | 01:00 | 01:15 | 1.074 |
| 09.04.2020 | 01:15 | 01:30 | 1.041 |
| 09.04.2020 | 01:30 | 01:45 | 1.019 |
| 09.04.2020 | 01:45 | 02:00 | 1.004 |
| 09.04.2020 | 02:00 | 02:15 | 995 |
| 09.04.2020 | 02:15 | 02:30 | 988 |
| 09.04.2020 | 02:30 | 02:45 | 986 |
| 09.04.2020 | 02:45 | 03:00 | 981 |
| 09.04.2020 | 03:00 | 03:15 | 977 |
| 09.04.2020 | 03:15 | 03:30 | 976 |
| 09.04.2020 | 03:30 | 03:45 | 977 |
| 09.04.2020 | 03:45 | 04:00 | 979 |
| 09.04.2020 | 04:00 | 04:15 | 989 |
| 09.04.2020 | 04:15 | 04:30 | 993 |
| 09.04.2020 | 04:30 | 04:45 | 1.017 |
| 09.04.2020 | 04:45 | 05:00 | 1.039 |
| 09.04.2020 | 05:00 | 05:15 | 1.082 |
| 09.04.2020 | 05:15 | 05:30 | 1.125 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.04.2020 | 05:30 | 05:45 | 1.161 |
| 09.04.2020 | 05:45 | 06:00 | 1.245 |
| 09.04.2020 | 06:00 | 06:15 | 1.300 |
| 09.04.2020 | 06:15 | 06:30 | 1.384 |
| 09.04.2020 | 06:30 | 06:45 | 1.404 |
| 09.04.2020 | 06:45 | 07:00 | 1.455 |
| 09.04.2020 | 07:00 | 07:15 | 1.511 |
| 09.04.2020 | 07:15 | 07:30 | 1.558 |
| 09.04.2020 | 07:30 | 07:45 | 1.605 |
| 09.04.2020 | 07:45 | 08:00 | 1.662 |
| 09.04.2020 | 08:00 | 08:15 | 1.727 |
| 09.04.2020 | 08:15 | 08:30 | 1.774 |
| 09.04.2020 | 08:30 | 08:45 | 1.796 |
| 09.04.2020 | 08:45 | 09:00 | 1.844 |
| 09.04.2020 | 09:00 | 09:15 | 1.877 |
| 09.04.2020 | 09:15 | 09:30 | 1.949 |
| 09.04.2020 | 09:30 | 09:45 | 1.959 |
| 09.04.2020 | 09:45 | 10:00 | 2.022 |
| 09.04.2020 | 10:00 | 10:15 | 2.056 |
| 09.04.2020 | 10:15 | 10:30 | 2.068 |
| 09.04.2020 | 10:30 | 10:45 | 2.112 |
| 09.04.2020 | 10:45 | 11:00 | 2.107 |
| 09.04.2020 | 11:00 | 11:15 | 2.173 |
| 09.04.2020 | 11:15 | 11:30 | 2.184 |
| 09.04.2020 | 11:30 | 11:45 | 2.230 |
| 09.04.2020 | 11:45 | 12:00 | 2.254 |
| 09.04.2020 | 12:00 | 12:15 | 2.266 |
| 09.04.2020 | 12:15 | 12:30 | 2.280 |
| 09.04.2020 | 12:30 | 12:45 | 2.266 |
| 09.04.2020 | 12:45 | 13:00 | 2.233 |
| 09.04.2020 | 13:00 | 13:15 | 2.218 |
| 09.04.2020 | 13:15 | 13:30 | 2.186 |
| 09.04.2020 | 13:30 | 13:45 | 2.128 |
| 09.04.2020 | 13:45 | 14:00 | 2.083 |
| 09.04.2020 | 14:00 | 14:15 | 2.067 |
| 09.04.2020 | 14:15 | 14:30 | 2.033 |
| 09.04.2020 | 14:30 | 14:45 | 2.040 |
| 09.04.2020 | 14:45 | 15:00 | 1.978 |
| 09.04.2020 | 15:00 | 15:15 | 1.962 |
| 09.04.2020 | 15:15 | 15:30 | 1.956 |
| 09.04.2020 | 15:30 | 15:45 | 1.934 |
| 09.04.2020 | 15:45 | 16:00 | 1.930 |
| 09.04.2020 | 16:00 | 16:15 | 1.932 |
| 09.04.2020 | 16:15 | 16:30 | 1.906 |
| 09.04.2020 | 16:30 | 16:45 | 1.883 |
| 09.04.2020 | 16:45 | 17:00 | 1.868 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 09.04.2020 | 17:00 | 17:15 | 1.898 |
| 09.04.2020 | 17:15 | 17:30 | 1.929 |
| 09.04.2020 | 17:30 | 17:45 | 1.927 |
| 09.04.2020 | 17:45 | 18:00 | 1.937 |
| 09.04.2020 | 18:00 | 18:15 | 1.919 |
| 09.04.2020 | 18:15 | 18:30 | 1.928 |
| 09.04.2020 | 18:30 | 18:45 | 1.941 |
| 09.04.2020 | 18:45 | 19:00 | 1.957 |
| 09.04.2020 | 19:00 | 19:15 | 1.962 |
| 09.04.2020 | 19:15 | 19:30 | 1.942 |
| 09.04.2020 | 19:30 | 19:45 | 1.939 |
| 09.04.2020 | 19:45 | 20:00 | 1.940 |
| 09.04.2020 | 20:00 | 20:15 | 1.908 |
| 09.04.2020 | 20:15 | 20:30 | 1.933 |
| 09.04.2020 | 20:30 | 20:45 | 1.961 |
| 09.04.2020 | 20:45 | 21:00 | 1.979 |
| 09.04.2020 | 21:00 | 21:15 | 1.902 |
| 09.04.2020 | 21:15 | 21:30 | 1.818 |
| 09.04.2020 | 21:30 | 21:45 | 1.748 |
| 09.04.2020 | 21:45 | 22:00 | 1.661 |
| 09.04.2020 | 22:00 | 22:15 | 1.631 |
| 09.04.2020 | 22:15 | 22:30 | 1.574 |
| 09.04.2020 | 22:30 | 22:45 | 1.517 |
| 09.04.2020 | 22:45 | 23:00 | 1.455 |
| 09.04.2020 | 23:00 | 23:15 | 1.400 |
| 09.04.2020 | 23:15 | 23:30 | 1.350 |
| 09.04.2020 | 23:30 | 23:45 | 1.293 |
| 09.04.2020 | 23:45 | 00:00 | 1.238 |
| 10.04.2020 | 00:00 | 00:15 | 1.195 |
| 10.04.2020 | 00:15 | 00:30 | 1.159 |
| 10.04.2020 | 00:30 | 00:45 | 1.120 |
| 10.04.2020 | 00:45 | 01:00 | 1.088 |
| 10.04.2020 | 01:00 | 01:15 | 1.057 |
| 10.04.2020 | 01:15 | 01:30 | 1.038 |
| 10.04.2020 | 01:30 | 01:45 | 1.015 |
| 10.04.2020 | 01:45 | 02:00 | 991 |
| 10.04.2020 | 02:00 | 02:15 | 980 |
| 10.04.2020 | 02:15 | 02:30 | 966 |
| 10.04.2020 | 02:30 | 02:45 | 950 |
| 10.04.2020 | 02:45 | 03:00 | 935 |
| 10.04.2020 | 03:00 | 03:15 | 929 |
| 10.04.2020 | 03:15 | 03:30 | 922 |
| 10.04.2020 | 03:30 | 03:45 | 915 |
| 10.04.2020 | 03:45 | 04:00 | 914 |
| 10.04.2020 | 04:00 | 04:15 | 921 |
| 10.04.2020 | 04:15 | 04:30 | 920 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.04.2020 | 04:30 | 04:45 | 927 |
| 10.04.2020 | 04:45 | 05:00 | 937 |
| 10.04.2020 | 05:00 | 05:15 | 950 |
| 10.04.2020 | 05:15 | 05:30 | 953 |
| 10.04.2020 | 05:30 | 05:45 | 953 |
| 10.04.2020 | 05:45 | 06:00 | 961 |
| 10.04.2020 | 06:00 | 06:15 | 975 |
| 10.04.2020 | 06:15 | 06:30 | 970 |
| 10.04.2020 | 06:30 | 06:45 | 950 |
| 10.04.2020 | 06:45 | 07:00 | 960 |
| 10.04.2020 | 07:00 | 07:15 | 986 |
| 10.04.2020 | 07:15 | 07:30 | 1.010 |
| 10.04.2020 | 07:30 | 07:45 | 1.056 |
| 10.04.2020 | 07:45 | 08:00 | 1.103 |
| 10.04.2020 | 08:00 | 08:15 | 1.158 |
| 10.04.2020 | 08:15 | 08:30 | 1.211 |
| 10.04.2020 | 08:30 | 08:45 | 1.255 |
| 10.04.2020 | 08:45 | 09:00 | 1.310 |
| 10.04.2020 | 09:00 | 09:15 | 1.371 |
| 10.04.2020 | 09:15 | 09:30 | 1.445 |
| 10.04.2020 | 09:30 | 09:45 | 1.497 |
| 10.04.2020 | 09:45 | 10:00 | 1.541 |
| 10.04.2020 | 10:00 | 10:15 | 1.589 |
| 10.04.2020 | 10:15 | 10:30 | 1.631 |
| 10.04.2020 | 10:30 | 10:45 | 1.656 |
| 10.04.2020 | 10:45 | 11:00 | 1.681 |
| 10.04.2020 | 11:00 | 11:15 | 1.730 |
| 10.04.2020 | 11:15 | 11:30 | 1.761 |
| 10.04.2020 | 11:30 | 11:45 | 1.775 |
| 10.04.2020 | 11:45 | 12:00 | 1.801 |
| 10.04.2020 | 12:00 | 12:15 | 1.843 |
| 10.04.2020 | 12:15 | 12:30 | 1.852 |
| 10.04.2020 | 12:30 | 12:45 | 1.867 |
| 10.04.2020 | 12:45 | 13:00 | 1.857 |
| 10.04.2020 | 13:00 | 13:15 | 1.814 |
| 10.04.2020 | 13:15 | 13:30 | 1.774 |
| 10.04.2020 | 13:30 | 13:45 | 1.747 |
| 10.04.2020 | 13:45 | 14:00 | 1.712 |
| 10.04.2020 | 14:00 | 14:15 | 1.675 |
| 10.04.2020 | 14:15 | 14:30 | 1.655 |
| 10.04.2020 | 14:30 | 14:45 | 1.624 |
| 10.04.2020 | 14:45 | 15:00 | 1.610 |
| 10.04.2020 | 15:00 | 15:15 | 1.579 |
| 10.04.2020 | 15:15 | 15:30 | 1.568 |
| 10.04.2020 | 15:30 | 15:45 | 1.541 |
| 10.04.2020 | 15:45 | 16:00 | 1.517 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.04.2020 | 16:00 | 16:15 | 1.520 |
| 10.04.2020 | 16:15 | 16:30 | 1.498 |
| 10.04.2020 | 16:30 | 16:45 | 1.503 |
| 10.04.2020 | 16:45 | 17:00 | 1.490 |
| 10.04.2020 | 17:00 | 17:15 | 1.509 |
| 10.04.2020 | 17:15 | 17:30 | 1.541 |
| 10.04.2020 | 17:30 | 17:45 | 1.594 |
| 10.04.2020 | 17:45 | 18:00 | 1.635 |
| 10.04.2020 | 18:00 | 18:15 | 1.650 |
| 10.04.2020 | 18:15 | 18:30 | 1.661 |
| 10.04.2020 | 18:30 | 18:45 | 1.687 |
| 10.04.2020 | 18:45 | 19:00 | 1.701 |
| 10.04.2020 | 19:00 | 19:15 | 1.695 |
| 10.04.2020 | 19:15 | 19:30 | 1.702 |
| 10.04.2020 | 19:30 | 19:45 | 1.686 |
| 10.04.2020 | 19:45 | 20:00 | 1.673 |
| 10.04.2020 | 20:00 | 20:15 | 1.655 |
| 10.04.2020 | 20:15 | 20:30 | 1.654 |
| 10.04.2020 | 20:30 | 20:45 | 1.658 |
| 10.04.2020 | 20:45 | 21:00 | 1.705 |
| 10.04.2020 | 21:00 | 21:15 | 1.655 |
| 10.04.2020 | 21:15 | 21:30 | 1.594 |
| 10.04.2020 | 21:30 | 21:45 | 1.548 |
| 10.04.2020 | 21:45 | 22:00 | 1.501 |
| 10.04.2020 | 22:00 | 22:15 | 1.507 |
| 10.04.2020 | 22:15 | 22:30 | 1.430 |
| 10.04.2020 | 22:30 | 22:45 | 1.403 |
| 10.04.2020 | 22:45 | 23:00 | 1.360 |
| 10.04.2020 | 23:00 | 23:15 | 1.305 |
| 10.04.2020 | 23:15 | 23:30 | 1.245 |
| 10.04.2020 | 23:30 | 23:45 | 1.197 |
| 10.04.2020 | 23:45 | 00:00 | 1.148 |
| 11.04.2020 | 00:00 | 00:15 | 1.111 |
| 11.04.2020 | 00:15 | 00:30 | 1.071 |
| 11.04.2020 | 00:30 | 00:45 | 1.037 |
| 11.04.2020 | 00:45 | 01:00 | 1.013 |
| 11.04.2020 | 01:00 | 01:15 | 987 |
| 11.04.2020 | 01:15 | 01:30 | 962 |
| 11.04.2020 | 01:30 | 01:45 | 944 |
| 11.04.2020 | 01:45 | 02:00 | 931 |
| 11.04.2020 | 02:00 | 02:15 | 927 |
| 11.04.2020 | 02:15 | 02:30 | 919 |
| 11.04.2020 | 02:30 | 02:45 | 907 |
| 11.04.2020 | 02:45 | 03:00 | 908 |
| 11.04.2020 | 03:00 | 03:15 | 913 |
| 11.04.2020 | 03:15 | 03:30 | 906 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.04.2020 | 03:30 | 03:45 | 904 |
| 11.04.2020 | 03:45 | 04:00 | 902 |
| 11.04.2020 | 04:00 | 04:15 | 910 |
| 11.04.2020 | 04:15 | 04:30 | 913 |
| 11.04.2020 | 04:30 | 04:45 | 925 |
| 11.04.2020 | 04:45 | 05:00 | 941 |
| 11.04.2020 | 05:00 | 05:15 | 955 |
| 11.04.2020 | 05:15 | 05:30 | 969 |
| 11.04.2020 | 05:30 | 05:45 | 984 |
| 11.04.2020 | 05:45 | 06:00 | 1.008 |
| 11.04.2020 | 06:00 | 06:15 | 1.031 |
| 11.04.2020 | 06:15 | 06:30 | 1.025 |
| 11.04.2020 | 06:30 | 06:45 | 1.030 |
| 11.04.2020 | 06:45 | 07:00 | 1.042 |
| 11.04.2020 | 07:00 | 07:15 | 1.070 |
| 11.04.2020 | 07:15 | 07:30 | 1.115 |
| 11.04.2020 | 07:30 | 07:45 | 1.169 |
| 11.04.2020 | 07:45 | 08:00 | 1.236 |
| 11.04.2020 | 08:00 | 08:15 | 1.297 |
| 11.04.2020 | 08:15 | 08:30 | 1.328 |
| 11.04.2020 | 08:30 | 08:45 | 1.363 |
| 11.04.2020 | 08:45 | 09:00 | 1.410 |
| 11.04.2020 | 09:00 | 09:15 | 1.469 |
| 11.04.2020 | 09:15 | 09:30 | 1.548 |
| 11.04.2020 | 09:30 | 09:45 | 1.597 |
| 11.04.2020 | 09:45 | 10:00 | 1.648 |
| 11.04.2020 | 10:00 | 10:15 | 1.678 |
| 11.04.2020 | 10:15 | 10:30 | 1.725 |
| 11.04.2020 | 10:30 | 10:45 | 1.737 |
| 11.04.2020 | 10:45 | 11:00 | 1.784 |
| 11.04.2020 | 11:00 | 11:15 | 1.795 |
| 11.04.2020 | 11:15 | 11:30 | 1.839 |
| 11.04.2020 | 11:30 | 11:45 | 1.841 |
| 11.04.2020 | 11:45 | 12:00 | 1.873 |
| 11.04.2020 | 12:00 | 12:15 | 1.866 |
| 11.04.2020 | 12:15 | 12:30 | 1.857 |
| 11.04.2020 | 12:30 | 12:45 | 1.837 |
| 11.04.2020 | 12:45 | 13:00 | 1.837 |
| 11.04.2020 | 13:00 | 13:15 | 1.820 |
| 11.04.2020 | 13:15 | 13:30 | 1.792 |
| 11.04.2020 | 13:30 | 13:45 | 1.788 |
| 11.04.2020 | 13:45 | 14:00 | 1.771 |
| 11.04.2020 | 14:00 | 14:15 | 1.719 |
| 11.04.2020 | 14:15 | 14:30 | 1.718 |
| 11.04.2020 | 14:30 | 14:45 | 1.704 |
| 11.04.2020 | 14:45 | 15:00 | 1.701 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.04.2020 | 15:00 | 15:15 | 1.675 |
| 11.04.2020 | 15:15 | 15:30 | 1.660 |
| 11.04.2020 | 15:30 | 15:45 | 1.661 |
| 11.04.2020 | 15:45 | 16:00 | 1.656 |
| 11.04.2020 | 16:00 | 16:15 | 1.635 |
| 11.04.2020 | 16:15 | 16:30 | 1.578 |
| 11.04.2020 | 16:30 | 16:45 | 1.564 |
| 11.04.2020 | 16:45 | 17:00 | 1.559 |
| 11.04.2020 | 17:00 | 17:15 | 1.581 |
| 11.04.2020 | 17:15 | 17:30 | 1.596 |
| 11.04.2020 | 17:30 | 17:45 | 1.636 |
| 11.04.2020 | 17:45 | 18:00 | 1.691 |
| 11.04.2020 | 18:00 | 18:15 | 1.719 |
| 11.04.2020 | 18:15 | 18:30 | 1.725 |
| 11.04.2020 | 18:30 | 18:45 | 1.749 |
| 11.04.2020 | 18:45 | 19:00 | 1.766 |
| 11.04.2020 | 19:00 | 19:15 | 1.752 |
| 11.04.2020 | 19:15 | 19:30 | 1.775 |
| 11.04.2020 | 19:30 | 19:45 | 1.802 |
| 11.04.2020 | 19:45 | 20:00 | 1.803 |
| 11.04.2020 | 20:00 | 20:15 | 1.788 |
| 11.04.2020 | 20:15 | 20:30 | 1.756 |
| 11.04.2020 | 20:30 | 20:45 | 1.711 |
| 11.04.2020 | 20:45 | 21:00 | 1.767 |
| 11.04.2020 | 21:00 | 21:15 | 1.709 |
| 11.04.2020 | 21:15 | 21:30 | 1.650 |
| 11.04.2020 | 21:30 | 21:45 | 1.604 |
| 11.04.2020 | 21:45 | 22:00 | 1.554 |
| 11.04.2020 | 22:00 | 22:15 | 1.574 |
| 11.04.2020 | 22:15 | 22:30 | 1.513 |
| 11.04.2020 | 22:30 | 22:45 | 1.447 |
| 11.04.2020 | 22:45 | 23:00 | 1.401 |
| 11.04.2020 | 23:00 | 23:15 | 1.341 |
| 11.04.2020 | 23:15 | 23:30 | 1.284 |
| 11.04.2020 | 23:30 | 23:45 | 1.225 |
| 11.04.2020 | 23:45 | 00:00 | 1.180 |
| 12.04.2020 | 00:00 | 00:15 | 1.090 |
| 12.04.2020 | 00:15 | 00:30 | 1.052 |
| 12.04.2020 | 00:30 | 00:45 | 1.016 |
| 12.04.2020 | 00:45 | 01:00 | 984 |
| 12.04.2020 | 01:00 | 01:15 | 955 |
| 12.04.2020 | 01:15 | 01:30 | 934 |
| 12.04.2020 | 01:30 | 01:45 | 916 |
| 12.04.2020 | 01:45 | 02:00 | 899 |
| 12.04.2020 | 02:00 | 02:15 | 896 |
| 12.04.2020 | 02:15 | 02:30 | 883 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.04.2020 | 02:30 | 02:45 | 873 |
| 12.04.2020 | 02:45 | 03:00 | 862 |
| 12.04.2020 | 03:00 | 03:15 | 859 |
| 12.04.2020 | 03:15 | 03:30 | 857 |
| 12.04.2020 | 03:30 | 03:45 | 856 |
| 12.04.2020 | 03:45 | 04:00 | 849 |
| 12.04.2020 | 04:00 | 04:15 | 847 |
| 12.04.2020 | 04:15 | 04:30 | 845 |
| 12.04.2020 | 04:30 | 04:45 | 850 |
| 12.04.2020 | 04:45 | 05:00 | 858 |
| 12.04.2020 | 05:00 | 05:15 | 865 |
| 12.04.2020 | 05:15 | 05:30 | 874 |
| 12.04.2020 | 05:30 | 05:45 | 887 |
| 12.04.2020 | 05:45 | 06:00 | 895 |
| 12.04.2020 | 06:00 | 06:15 | 902 |
| 12.04.2020 | 06:15 | 06:30 | 884 |
| 12.04.2020 | 06:30 | 06:45 | 890 |
| 12.04.2020 | 06:45 | 07:00 | 899 |
| 12.04.2020 | 07:00 | 07:15 | 923 |
| 12.04.2020 | 07:15 | 07:30 | 950 |
| 12.04.2020 | 07:30 | 07:45 | 990 |
| 12.04.2020 | 07:45 | 08:00 | 1.030 |
| 12.04.2020 | 08:00 | 08:15 | 1.093 |
| 12.04.2020 | 08:15 | 08:30 | 1.140 |
| 12.04.2020 | 08:30 | 08:45 | 1.204 |
| 12.04.2020 | 08:45 | 09:00 | 1.254 |
| 12.04.2020 | 09:00 | 09:15 | 1.323 |
| 12.04.2020 | 09:15 | 09:30 | 1.396 |
| 12.04.2020 | 09:30 | 09:45 | 1.446 |
| 12.04.2020 | 09:45 | 10:00 | 1.485 |
| 12.04.2020 | 10:00 | 10:15 | 1.520 |
| 12.04.2020 | 10:15 | 10:30 | 1.604 |
| 12.04.2020 | 10:30 | 10:45 | 1.658 |
| 12.04.2020 | 10:45 | 11:00 | 1.668 |
| 12.04.2020 | 11:00 | 11:15 | 1.697 |
| 12.04.2020 | 11:15 | 11:30 | 1.733 |
| 12.04.2020 | 11:30 | 11:45 | 1.776 |
| 12.04.2020 | 11:45 | 12:00 | 1.763 |
| 12.04.2020 | 12:00 | 12:15 | 1.756 |
| 12.04.2020 | 12:15 | 12:30 | 1.773 |
| 12.04.2020 | 12:30 | 12:45 | 1.762 |
| 12.04.2020 | 12:45 | 13:00 | 1.738 |
| 12.04.2020 | 13:00 | 13:15 | 1.673 |
| 12.04.2020 | 13:15 | 13:30 | 1.645 |
| 12.04.2020 | 13:30 | 13:45 | 1.659 |
| 12.04.2020 | 13:45 | 14:00 | 1.636 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.04.2020 | 14:00 | 14:15 | 1.576 |
| 12.04.2020 | 14:15 | 14:30 | 1.514 |
| 12.04.2020 | 14:30 | 14:45 | 1.451 |
| 12.04.2020 | 14:45 | 15:00 | 1.431 |
| 12.04.2020 | 15:00 | 15:15 | 1.407 |
| 12.04.2020 | 15:15 | 15:30 | 1.390 |
| 12.04.2020 | 15:30 | 15:45 | 1.401 |
| 12.04.2020 | 15:45 | 16:00 | 1.401 |
| 12.04.2020 | 16:00 | 16:15 | 1.391 |
| 12.04.2020 | 16:15 | 16:30 | 1.385 |
| 12.04.2020 | 16:30 | 16:45 | 1.408 |
| 12.04.2020 | 16:45 | 17:00 | 1.424 |
| 12.04.2020 | 17:00 | 17:15 | 1.455 |
| 12.04.2020 | 17:15 | 17:30 | 1.471 |
| 12.04.2020 | 17:30 | 17:45 | 1.496 |
| 12.04.2020 | 17:45 | 18:00 | 1.517 |
| 12.04.2020 | 18:00 | 18:15 | 1.495 |
| 12.04.2020 | 18:15 | 18:30 | 1.482 |
| 12.04.2020 | 18:30 | 18:45 | 1.505 |
| 12.04.2020 | 18:45 | 19:00 | 1.534 |
| 12.04.2020 | 19:00 | 19:15 | 1.522 |
| 12.04.2020 | 19:15 | 19:30 | 1.521 |
| 12.04.2020 | 19:30 | 19:45 | 1.539 |
| 12.04.2020 | 19:45 | 20:00 | 1.542 |
| 12.04.2020 | 20:00 | 20:15 | 1.537 |
| 12.04.2020 | 20:15 | 20:30 | 1.539 |
| 12.04.2020 | 20:30 | 20:45 | 1.557 |
| 12.04.2020 | 20:45 | 21:00 | 1.577 |
| 12.04.2020 | 21:00 | 21:15 | 1.584 |
| 12.04.2020 | 21:15 | 21:30 | 1.536 |
| 12.04.2020 | 21:30 | 21:45 | 1.492 |
| 12.04.2020 | 21:45 | 22:00 | 1.456 |
| 12.04.2020 | 22:00 | 22:15 | 1.457 |
| 12.04.2020 | 22:15 | 22:30 | 1.426 |
| 12.04.2020 | 22:30 | 22:45 | 1.394 |
| 12.04.2020 | 22:45 | 23:00 | 1.347 |
| 12.04.2020 | 23:00 | 23:15 | 1.311 |
| 12.04.2020 | 23:15 | 23:30 | 1.256 |
| 12.04.2020 | 23:30 | 23:45 | 1.212 |
| 12.04.2020 | 23:45 | 00:00 | 1.159 |
| 13.04.2020 | 00:00 | 00:15 | 1.091 |
| 13.04.2020 | 00:15 | 00:30 | 1.049 |
| 13.04.2020 | 00:30 | 00:45 | 1.020 |
| 13.04.2020 | 00:45 | 01:00 | 995 |
| 13.04.2020 | 01:00 | 01:15 | 969 |
| 13.04.2020 | 01:15 | 01:30 | 941 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.04.2020 | 01:30 | 01:45 | 926 |
| 13.04.2020 | 01:45 | 02:00 | 909 |
| 13.04.2020 | 02:00 | 02:15 | 903 |
| 13.04.2020 | 02:15 | 02:30 | 898 |
| 13.04.2020 | 02:30 | 02:45 | 891 |
| 13.04.2020 | 02:45 | 03:00 | 884 |
| 13.04.2020 | 03:00 | 03:15 | 876 |
| 13.04.2020 | 03:15 | 03:30 | 867 |
| 13.04.2020 | 03:30 | 03:45 | 867 |
| 13.04.2020 | 03:45 | 04:00 | 864 |
| 13.04.2020 | 04:00 | 04:15 | 864 |
| 13.04.2020 | 04:15 | 04:30 | 865 |
| 13.04.2020 | 04:30 | 04:45 | 859 |
| 13.04.2020 | 04:45 | 05:00 | 863 |
| 13.04.2020 | 05:00 | 05:15 | 879 |
| 13.04.2020 | 05:15 | 05:30 | 885 |
| 13.04.2020 | 05:30 | 05:45 | 894 |
| 13.04.2020 | 05:45 | 06:00 | 909 |
| 13.04.2020 | 06:00 | 06:15 | 917 |
| 13.04.2020 | 06:15 | 06:30 | 904 |
| 13.04.2020 | 06:30 | 06:45 | 897 |
| 13.04.2020 | 06:45 | 07:00 | 902 |
| 13.04.2020 | 07:00 | 07:15 | 925 |
| 13.04.2020 | 07:15 | 07:30 | 948 |
| 13.04.2020 | 07:30 | 07:45 | 975 |
| 13.04.2020 | 07:45 | 08:00 | 1.036 |
| 13.04.2020 | 08:00 | 08:15 | 1.086 |
| 13.04.2020 | 08:15 | 08:30 | 1.125 |
| 13.04.2020 | 08:30 | 08:45 | 1.169 |
| 13.04.2020 | 08:45 | 09:00 | 1.234 |
| 13.04.2020 | 09:00 | 09:15 | 1.307 |
| 13.04.2020 | 09:15 | 09:30 | 1.375 |
| 13.04.2020 | 09:30 | 09:45 | 1.424 |
| 13.04.2020 | 09:45 | 10:00 | 1.472 |
| 13.04.2020 | 10:00 | 10:15 | 1.548 |
| 13.04.2020 | 10:15 | 10:30 | 1.566 |
| 13.04.2020 | 10:30 | 10:45 | 1.627 |
| 13.04.2020 | 10:45 | 11:00 | 1.661 |
| 13.04.2020 | 11:00 | 11:15 | 1.720 |
| 13.04.2020 | 11:15 | 11:30 | 1.782 |
| 13.04.2020 | 11:30 | 11:45 | 1.825 |
| 13.04.2020 | 11:45 | 12:00 | 1.839 |
| 13.04.2020 | 12:00 | 12:15 | 1.857 |
| 13.04.2020 | 12:15 | 12:30 | 1.887 |
| 13.04.2020 | 12:30 | 12:45 | 1.871 |
| 13.04.2020 | 12:45 | 13:00 | 1.851 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.04.2020 | 13:00 | 13:15 | 1.860 |
| 13.04.2020 | 13:15 | 13:30 | 1.888 |
| 13.04.2020 | 13:30 | 13:45 | 1.844 |
| 13.04.2020 | 13:45 | 14:00 | 1.830 |
| 13.04.2020 | 14:00 | 14:15 | 1.781 |
| 13.04.2020 | 14:15 | 14:30 | 1.719 |
| 13.04.2020 | 14:30 | 14:45 | 1.643 |
| 13.04.2020 | 14:45 | 15:00 | 1.630 |
| 13.04.2020 | 15:00 | 15:15 | 1.589 |
| 13.04.2020 | 15:15 | 15:30 | 1.568 |
| 13.04.2020 | 15:30 | 15:45 | 1.572 |
| 13.04.2020 | 15:45 | 16:00 | 1.559 |
| 13.04.2020 | 16:00 | 16:15 | 1.554 |
| 13.04.2020 | 16:15 | 16:30 | 1.549 |
| 13.04.2020 | 16:30 | 16:45 | 1.540 |
| 13.04.2020 | 16:45 | 17:00 | 1.548 |
| 13.04.2020 | 17:00 | 17:15 | 1.581 |
| 13.04.2020 | 17:15 | 17:30 | 1.598 |
| 13.04.2020 | 17:30 | 17:45 | 1.660 |
| 13.04.2020 | 17:45 | 18:00 | 1.695 |
| 13.04.2020 | 18:00 | 18:15 | 1.704 |
| 13.04.2020 | 18:15 | 18:30 | 1.723 |
| 13.04.2020 | 18:30 | 18:45 | 1.760 |
| 13.04.2020 | 18:45 | 19:00 | 1.756 |
| 13.04.2020 | 19:00 | 19:15 | 1.735 |
| 13.04.2020 | 19:15 | 19:30 | 1.729 |
| 13.04.2020 | 19:30 | 19:45 | 1.722 |
| 13.04.2020 | 19:45 | 20:00 | 1.685 |
| 13.04.2020 | 20:00 | 20:15 | 1.663 |
| 13.04.2020 | 20:15 | 20:30 | 1.629 |
| 13.04.2020 | 20:30 | 20:45 | 1.627 |
| 13.04.2020 | 20:45 | 21:00 | 1.671 |
| 13.04.2020 | 21:00 | 21:15 | 1.632 |
| 13.04.2020 | 21:15 | 21:30 | 1.593 |
| 13.04.2020 | 21:30 | 21:45 | 1.529 |
| 13.04.2020 | 21:45 | 22:00 | 1.506 |
| 13.04.2020 | 22:00 | 22:15 | 1.518 |
| 13.04.2020 | 22:15 | 22:30 | 1.473 |
| 13.04.2020 | 22:30 | 22:45 | 1.417 |
| 13.04.2020 | 22:45 | 23:00 | 1.363 |
| 13.04.2020 | 23:00 | 23:15 | 1.311 |
| 13.04.2020 | 23:15 | 23:30 | 1.258 |
| 13.04.2020 | 23:30 | 23:45 | 1.209 |
| 13.04.2020 | 23:45 | 00:00 | 1.171 |
| 14.04.2020 | 00:00 | 00:15 | 1.129 |
| 14.04.2020 | 00:15 | 00:30 | 1.091 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.04.2020 | 00:30 | 00:45 | 1.054 |
| 14.04.2020 | 00:45 | 01:00 | 1.023 |
| 14.04.2020 | 01:00 | 01:15 | 1.000 |
| 14.04.2020 | 01:15 | 01:30 | 975 |
| 14.04.2020 | 01:30 | 01:45 | 961 |
| 14.04.2020 | 01:45 | 02:00 | 954 |
| 14.04.2020 | 02:00 | 02:15 | 943 |
| 14.04.2020 | 02:15 | 02:30 | 934 |
| 14.04.2020 | 02:30 | 02:45 | 925 |
| 14.04.2020 | 02:45 | 03:00 | 922 |
| 14.04.2020 | 03:00 | 03:15 | 920 |
| 14.04.2020 | 03:15 | 03:30 | 918 |
| 14.04.2020 | 03:30 | 03:45 | 925 |
| 14.04.2020 | 03:45 | 04:00 | 935 |
| 14.04.2020 | 04:00 | 04:15 | 948 |
| 14.04.2020 | 04:15 | 04:30 | 964 |
| 14.04.2020 | 04:30 | 04:45 | 991 |
| 14.04.2020 | 04:45 | 05:00 | 1.015 |
| 14.04.2020 | 05:00 | 05:15 | 1.062 |
| 14.04.2020 | 05:15 | 05:30 | 1.098 |
| 14.04.2020 | 05:30 | 05:45 | 1.142 |
| 14.04.2020 | 05:45 | 06:00 | 1.207 |
| 14.04.2020 | 06:00 | 06:15 | 1.311 |
| 14.04.2020 | 06:15 | 06:30 | 1.353 |
| 14.04.2020 | 06:30 | 06:45 | 1.425 |
| 14.04.2020 | 06:45 | 07:00 | 1.489 |
| 14.04.2020 | 07:00 | 07:15 | 1.550 |
| 14.04.2020 | 07:15 | 07:30 | 1.594 |
| 14.04.2020 | 07:30 | 07:45 | 1.647 |
| 14.04.2020 | 07:45 | 08:00 | 1.709 |
| 14.04.2020 | 08:00 | 08:15 | 1.775 |
| 14.04.2020 | 08:15 | 08:30 | 1.820 |
| 14.04.2020 | 08:30 | 08:45 | 1.856 |
| 14.04.2020 | 08:45 | 09:00 | 1.909 |
| 14.04.2020 | 09:00 | 09:15 | 1.964 |
| 14.04.2020 | 09:15 | 09:30 | 2.040 |
| 14.04.2020 | 09:30 | 09:45 | 2.090 |
| 14.04.2020 | 09:45 | 10:00 | 2.126 |
| 14.04.2020 | 10:00 | 10:15 | 2.138 |
| 14.04.2020 | 10:15 | 10:30 | 2.199 |
| 14.04.2020 | 10:30 | 10:45 | 2.227 |
| 14.04.2020 | 10:45 | 11:00 | 2.318 |
| 14.04.2020 | 11:00 | 11:15 | 2.349 |
| 14.04.2020 | 11:15 | 11:30 | 2.390 |
| 14.04.2020 | 11:30 | 11:45 | 2.445 |
| 14.04.2020 | 11:45 | 12:00 | 2.424 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.04.2020 | 12:00 | 12:15 | 2.388 |
| 14.04.2020 | 12:15 | 12:30 | 2.446 |
| 14.04.2020 | 12:30 | 12:45 | 2.461 |
| 14.04.2020 | 12:45 | 13:00 | 2.397 |
| 14.04.2020 | 13:00 | 13:15 | 2.389 |
| 14.04.2020 | 13:15 | 13:30 | 2.342 |
| 14.04.2020 | 13:30 | 13:45 | 2.303 |
| 14.04.2020 | 13:45 | 14:00 | 2.281 |
| 14.04.2020 | 14:00 | 14:15 | 2.314 |
| 14.04.2020 | 14:15 | 14:30 | 2.292 |
| 14.04.2020 | 14:30 | 14:45 | 2.228 |
| 14.04.2020 | 14:45 | 15:00 | 2.203 |
| 14.04.2020 | 15:00 | 15:15 | 2.170 |
| 14.04.2020 | 15:15 | 15:30 | 2.122 |
| 14.04.2020 | 15:30 | 15:45 | 2.119 |
| 14.04.2020 | 15:45 | 16:00 | 2.068 |
| 14.04.2020 | 16:00 | 16:15 | 2.060 |
| 14.04.2020 | 16:15 | 16:30 | 2.052 |
| 14.04.2020 | 16:30 | 16:45 | 2.090 |
| 14.04.2020 | 16:45 | 17:00 | 2.075 |
| 14.04.2020 | 17:00 | 17:15 | 2.082 |
| 14.04.2020 | 17:15 | 17:30 | 2.077 |
| 14.04.2020 | 17:30 | 17:45 | 2.072 |
| 14.04.2020 | 17:45 | 18:00 | 2.082 |
| 14.04.2020 | 18:00 | 18:15 | 2.089 |
| 14.04.2020 | 18:15 | 18:30 | 2.108 |
| 14.04.2020 | 18:30 | 18:45 | 2.104 |
| 14.04.2020 | 18:45 | 19:00 | 2.100 |
| 14.04.2020 | 19:00 | 19:15 | 2.107 |
| 14.04.2020 | 19:15 | 19:30 | 2.091 |
| 14.04.2020 | 19:30 | 19:45 | 2.061 |
| 14.04.2020 | 19:45 | 20:00 | 2.029 |
| 14.04.2020 | 20:00 | 20:15 | 1.982 |
| 14.04.2020 | 20:15 | 20:30 | 1.938 |
| 14.04.2020 | 20:30 | 20:45 | 1.972 |
| 14.04.2020 | 20:45 | 21:00 | 2.002 |
| 14.04.2020 | 21:00 | 21:15 | 1.953 |
| 14.04.2020 | 21:15 | 21:30 | 1.882 |
| 14.04.2020 | 21:30 | 21:45 | 1.777 |
| 14.04.2020 | 21:45 | 22:00 | 1.705 |
| 14.04.2020 | 22:00 | 22:15 | 1.672 |
| 14.04.2020 | 22:15 | 22:30 | 1.616 |
| 14.04.2020 | 22:30 | 22:45 | 1.563 |
| 14.04.2020 | 22:45 | 23:00 | 1.481 |
| 14.04.2020 | 23:00 | 23:15 | 1.399 |
| 14.04.2020 | 23:15 | 23:30 | 1.355 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.04.2020 | 23:30 | 23:45 | 1.298 |
| 14.04.2020 | 23:45 | 00:00 | 1.254 |
| 15.04.2020 | 00:00 | 00:15 | 1.212 |
| 15.04.2020 | 00:15 | 00:30 | 1.177 |
| 15.04.2020 | 00:30 | 00:45 | 1.133 |
| 15.04.2020 | 00:45 | 01:00 | 1.102 |
| 15.04.2020 | 01:00 | 01:15 | 1.072 |
| 15.04.2020 | 01:15 | 01:30 | 1.054 |
| 15.04.2020 | 01:30 | 01:45 | 1.036 |
| 15.04.2020 | 01:45 | 02:00 | 1.021 |
| 15.04.2020 | 02:00 | 02:15 | 1.006 |
| 15.04.2020 | 02:15 | 02:30 | 1.004 |
| 15.04.2020 | 02:30 | 02:45 | 999 |
| 15.04.2020 | 02:45 | 03:00 | 994 |
| 15.04.2020 | 03:00 | 03:15 | 992 |
| 15.04.2020 | 03:15 | 03:30 | 984 |
| 15.04.2020 | 03:30 | 03:45 | 987 |
| 15.04.2020 | 03:45 | 04:00 | 1.004 |
| 15.04.2020 | 04:00 | 04:15 | 1.010 |
| 15.04.2020 | 04:15 | 04:30 | 1.017 |
| 15.04.2020 | 04:30 | 04:45 | 1.035 |
| 15.04.2020 | 04:45 | 05:00 | 1.049 |
| 15.04.2020 | 05:00 | 05:15 | 1.106 |
| 15.04.2020 | 05:15 | 05:30 | 1.135 |
| 15.04.2020 | 05:30 | 05:45 | 1.193 |
| 15.04.2020 | 05:45 | 06:00 | 1.249 |
| 15.04.2020 | 06:00 | 06:15 | 1.347 |
| 15.04.2020 | 06:15 | 06:30 | 1.379 |
| 15.04.2020 | 06:30 | 06:45 | 1.430 |
| 15.04.2020 | 06:45 | 07:00 | 1.462 |
| 15.04.2020 | 07:00 | 07:15 | 1.581 |
| 15.04.2020 | 07:15 | 07:30 | 1.665 |
| 15.04.2020 | 07:30 | 07:45 | 1.729 |
| 15.04.2020 | 07:45 | 08:00 | 1.791 |
| 15.04.2020 | 08:00 | 08:15 | 1.860 |
| 15.04.2020 | 08:15 | 08:30 | 1.876 |
| 15.04.2020 | 08:30 | 08:45 | 1.889 |
| 15.04.2020 | 08:45 | 09:00 | 1.959 |
| 15.04.2020 | 09:00 | 09:15 | 2.012 |
| 15.04.2020 | 09:15 | 09:30 | 2.044 |
| 15.04.2020 | 09:30 | 09:45 | 1.998 |
| 15.04.2020 | 09:45 | 10:00 | 2.055 |
| 15.04.2020 | 10:00 | 10:15 | 2.072 |
| 15.04.2020 | 10:15 | 10:30 | 2.048 |
| 15.04.2020 | 10:30 | 10:45 | 2.143 |
| 15.04.2020 | 10:45 | 11:00 | 2.205 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.04.2020 | 11:00 | 11:15 | 2.210 |
| 15.04.2020 | 11:15 | 11:30 | 2.287 |
| 15.04.2020 | 11:30 | 11:45 | 2.321 |
| 15.04.2020 | 11:45 | 12:00 | 2.355 |
| 15.04.2020 | 12:00 | 12:15 | 2.401 |
| 15.04.2020 | 12:15 | 12:30 | 2.405 |
| 15.04.2020 | 12:30 | 12:45 | 2.378 |
| 15.04.2020 | 12:45 | 13:00 | 2.358 |
| 15.04.2020 | 13:00 | 13:15 | 2.308 |
| 15.04.2020 | 13:15 | 13:30 | 2.283 |
| 15.04.2020 | 13:30 | 13:45 | 2.221 |
| 15.04.2020 | 13:45 | 14:00 | 2.134 |
| 15.04.2020 | 14:00 | 14:15 | 2.090 |
| 15.04.2020 | 14:15 | 14:30 | 2.065 |
| 15.04.2020 | 14:30 | 14:45 | 2.036 |
| 15.04.2020 | 14:45 | 15:00 | 2.003 |
| 15.04.2020 | 15:00 | 15:15 | 1.969 |
| 15.04.2020 | 15:15 | 15:30 | 1.960 |
| 15.04.2020 | 15:30 | 15:45 | 1.919 |
| 15.04.2020 | 15:45 | 16:00 | 1.902 |
| 15.04.2020 | 16:00 | 16:15 | 1.882 |
| 15.04.2020 | 16:15 | 16:30 | 1.902 |
| 15.04.2020 | 16:30 | 16:45 | 1.923 |
| 15.04.2020 | 16:45 | 17:00 | 1.896 |
| 15.04.2020 | 17:00 | 17:15 | 1.900 |
| 15.04.2020 | 17:15 | 17:30 | 1.912 |
| 15.04.2020 | 17:30 | 17:45 | 1.915 |
| 15.04.2020 | 17:45 | 18:00 | 1.958 |
| 15.04.2020 | 18:00 | 18:15 | 1.931 |
| 15.04.2020 | 18:15 | 18:30 | 1.949 |
| 15.04.2020 | 18:30 | 18:45 | 2.050 |
| 15.04.2020 | 18:45 | 19:00 | 2.045 |
| 15.04.2020 | 19:00 | 19:15 | 2.068 |
| 15.04.2020 | 19:15 | 19:30 | 2.134 |
| 15.04.2020 | 19:30 | 19:45 | 2.097 |
| 15.04.2020 | 19:45 | 20:00 | 2.058 |
| 15.04.2020 | 20:00 | 20:15 | 2.018 |
| 15.04.2020 | 20:15 | 20:30 | 1.961 |
| 15.04.2020 | 20:30 | 20:45 | 1.961 |
| 15.04.2020 | 20:45 | 21:00 | 1.992 |
| 15.04.2020 | 21:00 | 21:15 | 1.986 |
| 15.04.2020 | 21:15 | 21:30 | 1.889 |
| 15.04.2020 | 21:30 | 21:45 | 1.780 |
| 15.04.2020 | 21:45 | 22:00 | 1.695 |
| 15.04.2020 | 22:00 | 22:15 | 1.667 |
| 15.04.2020 | 22:15 | 22:30 | 1.609 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 15.04.2020 | 22:30 | 22:45 | 1.557 |
| 15.04.2020 | 22:45 | 23:00 | 1.487 |
| 15.04.2020 | 23:00 | 23:15 | 1.419 |
| 15.04.2020 | 23:15 | 23:30 | 1.366 |
| 15.04.2020 | 23:30 | 23:45 | 1.301 |
| 15.04.2020 | 23:45 | 00:00 | 1.226 |
| 16.04.2020 | 00:00 | 00:15 | 1.185 |
| 16.04.2020 | 00:15 | 00:30 | 1.147 |
| 16.04.2020 | 00:30 | 00:45 | 1.115 |
| 16.04.2020 | 00:45 | 01:00 | 1.078 |
| 16.04.2020 | 01:00 | 01:15 | 1.050 |
| 16.04.2020 | 01:15 | 01:30 | 1.034 |
| 16.04.2020 | 01:30 | 01:45 | 1.011 |
| 16.04.2020 | 01:45 | 02:00 | 993 |
| 16.04.2020 | 02:00 | 02:15 | 986 |
| 16.04.2020 | 02:15 | 02:30 | 972 |
| 16.04.2020 | 02:30 | 02:45 | 968 |
| 16.04.2020 | 02:45 | 03:00 | 968 |
| 16.04.2020 | 03:00 | 03:15 | 965 |
| 16.04.2020 | 03:15 | 03:30 | 957 |
| 16.04.2020 | 03:30 | 03:45 | 959 |
| 16.04.2020 | 03:45 | 04:00 | 967 |
| 16.04.2020 | 04:00 | 04:15 | 980 |
| 16.04.2020 | 04:15 | 04:30 | 982 |
| 16.04.2020 | 04:30 | 04:45 | 1.002 |
| 16.04.2020 | 04:45 | 05:00 | 1.027 |
| 16.04.2020 | 05:00 | 05:15 | 1.081 |
| 16.04.2020 | 05:15 | 05:30 | 1.115 |
| 16.04.2020 | 05:30 | 05:45 | 1.156 |
| 16.04.2020 | 05:45 | 06:00 | 1.216 |
| 16.04.2020 | 06:00 | 06:15 | 1.278 |
| 16.04.2020 | 06:15 | 06:30 | 1.341 |
| 16.04.2020 | 06:30 | 06:45 | 1.365 |
| 16.04.2020 | 06:45 | 07:00 | 1.430 |
| 16.04.2020 | 07:00 | 07:15 | 1.524 |
| 16.04.2020 | 07:15 | 07:30 | 1.610 |
| 16.04.2020 | 07:30 | 07:45 | 1.700 |
| 16.04.2020 | 07:45 | 08:00 | 1.752 |
| 16.04.2020 | 08:00 | 08:15 | 1.834 |
| 16.04.2020 | 08:15 | 08:30 | 1.883 |
| 16.04.2020 | 08:30 | 08:45 | 1.904 |
| 16.04.2020 | 08:45 | 09:00 | 1.953 |
| 16.04.2020 | 09:00 | 09:15 | 2.000 |
| 16.04.2020 | 09:15 | 09:30 | 2.057 |
| 16.04.2020 | 09:30 | 09:45 | 2.031 |
| 16.04.2020 | 09:45 | 10:00 | 2.029 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.04.2020 | 10:00 | 10:15 | 2.025 |
| 16.04.2020 | 10:15 | 10:30 | 2.089 |
| 16.04.2020 | 10:30 | 10:45 | 2.161 |
| 16.04.2020 | 10:45 | 11:00 | 2.217 |
| 16.04.2020 | 11:00 | 11:15 | 2.213 |
| 16.04.2020 | 11:15 | 11:30 | 2.220 |
| 16.04.2020 | 11:30 | 11:45 | 2.203 |
| 16.04.2020 | 11:45 | 12:00 | 2.230 |
| 16.04.2020 | 12:00 | 12:15 | 2.207 |
| 16.04.2020 | 12:15 | 12:30 | 2.264 |
| 16.04.2020 | 12:30 | 12:45 | 2.265 |
| 16.04.2020 | 12:45 | 13:00 | 2.227 |
| 16.04.2020 | 13:00 | 13:15 | 2.263 |
| 16.04.2020 | 13:15 | 13:30 | 2.218 |
| 16.04.2020 | 13:30 | 13:45 | 2.167 |
| 16.04.2020 | 13:45 | 14:00 | 2.133 |
| 16.04.2020 | 14:00 | 14:15 | 2.082 |
| 16.04.2020 | 14:15 | 14:30 | 2.025 |
| 16.04.2020 | 14:30 | 14:45 | 2.016 |
| 16.04.2020 | 14:45 | 15:00 | 1.985 |
| 16.04.2020 | 15:00 | 15:15 | 1.959 |
| 16.04.2020 | 15:15 | 15:30 | 1.937 |
| 16.04.2020 | 15:30 | 15:45 | 1.920 |
| 16.04.2020 | 15:45 | 16:00 | 1.896 |
| 16.04.2020 | 16:00 | 16:15 | 1.875 |
| 16.04.2020 | 16:15 | 16:30 | 1.869 |
| 16.04.2020 | 16:30 | 16:45 | 1.849 |
| 16.04.2020 | 16:45 | 17:00 | 1.867 |
| 16.04.2020 | 17:00 | 17:15 | 1.901 |
| 16.04.2020 | 17:15 | 17:30 | 1.936 |
| 16.04.2020 | 17:30 | 17:45 | 1.998 |
| 16.04.2020 | 17:45 | 18:00 | 1.998 |
| 16.04.2020 | 18:00 | 18:15 | 2.011 |
| 16.04.2020 | 18:15 | 18:30 | 2.051 |
| 16.04.2020 | 18:30 | 18:45 | 2.067 |
| 16.04.2020 | 18:45 | 19:00 | 2.142 |
| 16.04.2020 | 19:00 | 19:15 | 2.149 |
| 16.04.2020 | 19:15 | 19:30 | 2.117 |
| 16.04.2020 | 19:30 | 19:45 | 2.086 |
| 16.04.2020 | 19:45 | 20:00 | 2.083 |
| 16.04.2020 | 20:00 | 20:15 | 1.984 |
| 16.04.2020 | 20:15 | 20:30 | 1.975 |
| 16.04.2020 | 20:30 | 20:45 | 1.998 |
| 16.04.2020 | 20:45 | 21:00 | 1.991 |
| 16.04.2020 | 21:00 | 21:15 | 1.950 |
| 16.04.2020 | 21:15 | 21:30 | 1.869 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.04.2020 | 21:30 | 21:45 | 1.740 |
| 16.04.2020 | 21:45 | 22:00 | 1.654 |
| 16.04.2020 | 22:00 | 22:15 | 1.621 |
| 16.04.2020 | 22:15 | 22:30 | 1.586 |
| 16.04.2020 | 22:30 | 22:45 | 1.509 |
| 16.04.2020 | 22:45 | 23:00 | 1.445 |
| 16.04.2020 | 23:00 | 23:15 | 1.367 |
| 16.04.2020 | 23:15 | 23:30 | 1.326 |
| 16.04.2020 | 23:30 | 23:45 | 1.260 |
| 16.04.2020 | 23:45 | 00:00 | 1.211 |
| 17.04.2020 | 00:00 | 00:15 | 1.167 |
| 17.04.2020 | 00:15 | 00:30 | 1.140 |
| 17.04.2020 | 00:30 | 00:45 | 1.108 |
| 17.04.2020 | 00:45 | 01:00 | 1.083 |
| 17.04.2020 | 01:00 | 01:15 | 1.058 |
| 17.04.2020 | 01:15 | 01:30 | 1.029 |
| 17.04.2020 | 01:30 | 01:45 | 1.004 |
| 17.04.2020 | 01:45 | 02:00 | 989 |
| 17.04.2020 | 02:00 | 02:15 | 977 |
| 17.04.2020 | 02:15 | 02:30 | 967 |
| 17.04.2020 | 02:30 | 02:45 | 959 |
| 17.04.2020 | 02:45 | 03:00 | 948 |
| 17.04.2020 | 03:00 | 03:15 | 938 |
| 17.04.2020 | 03:15 | 03:30 | 932 |
| 17.04.2020 | 03:30 | 03:45 | 935 |
| 17.04.2020 | 03:45 | 04:00 | 935 |
| 17.04.2020 | 04:00 | 04:15 | 954 |
| 17.04.2020 | 04:15 | 04:30 | 970 |
| 17.04.2020 | 04:30 | 04:45 | 989 |
| 17.04.2020 | 04:45 | 05:00 | 1.005 |
| 17.04.2020 | 05:00 | 05:15 | 1.050 |
| 17.04.2020 | 05:15 | 05:30 | 1.093 |
| 17.04.2020 | 05:30 | 05:45 | 1.127 |
| 17.04.2020 | 05:45 | 06:00 | 1.195 |
| 17.04.2020 | 06:00 | 06:15 | 1.259 |
| 17.04.2020 | 06:15 | 06:30 | 1.300 |
| 17.04.2020 | 06:30 | 06:45 | 1.337 |
| 17.04.2020 | 06:45 | 07:00 | 1.382 |
| 17.04.2020 | 07:00 | 07:15 | 1.466 |
| 17.04.2020 | 07:15 | 07:30 | 1.534 |
| 17.04.2020 | 07:30 | 07:45 | 1.584 |
| 17.04.2020 | 07:45 | 08:00 | 1.657 |
| 17.04.2020 | 08:00 | 08:15 | 1.700 |
| 17.04.2020 | 08:15 | 08:30 | 1.740 |
| 17.04.2020 | 08:30 | 08:45 | 1.817 |
| 17.04.2020 | 08:45 | 09:00 | 1.857 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.04.2020 | 09:00 | 09:15 | 1.900 |
| 17.04.2020 | 09:15 | 09:30 | 1.968 |
| 17.04.2020 | 09:30 | 09:45 | 2.007 |
| 17.04.2020 | 09:45 | 10:00 | 2.047 |
| 17.04.2020 | 10:00 | 10:15 | 2.040 |
| 17.04.2020 | 10:15 | 10:30 | 2.082 |
| 17.04.2020 | 10:30 | 10:45 | 2.197 |
| 17.04.2020 | 10:45 | 11:00 | 2.209 |
| 17.04.2020 | 11:00 | 11:15 | 2.202 |
| 17.04.2020 | 11:15 | 11:30 | 2.252 |
| 17.04.2020 | 11:30 | 11:45 | 2.282 |
| 17.04.2020 | 11:45 | 12:00 | 2.281 |
| 17.04.2020 | 12:00 | 12:15 | 2.281 |
| 17.04.2020 | 12:15 | 12:30 | 2.316 |
| 17.04.2020 | 12:30 | 12:45 | 2.248 |
| 17.04.2020 | 12:45 | 13:00 | 2.222 |
| 17.04.2020 | 13:00 | 13:15 | 2.223 |
| 17.04.2020 | 13:15 | 13:30 | 2.176 |
| 17.04.2020 | 13:30 | 13:45 | 2.150 |
| 17.04.2020 | 13:45 | 14:00 | 2.108 |
| 17.04.2020 | 14:00 | 14:15 | 2.027 |
| 17.04.2020 | 14:15 | 14:30 | 1.985 |
| 17.04.2020 | 14:30 | 14:45 | 1.951 |
| 17.04.2020 | 14:45 | 15:00 | 1.932 |
| 17.04.2020 | 15:00 | 15:15 | 1.903 |
| 17.04.2020 | 15:15 | 15:30 | 1.897 |
| 17.04.2020 | 15:30 | 15:45 | 1.868 |
| 17.04.2020 | 15:45 | 16:00 | 1.836 |
| 17.04.2020 | 16:00 | 16:15 | 1.850 |
| 17.04.2020 | 16:15 | 16:30 | 1.847 |
| 17.04.2020 | 16:30 | 16:45 | 1.854 |
| 17.04.2020 | 16:45 | 17:00 | 1.887 |
| 17.04.2020 | 17:00 | 17:15 | 1.890 |
| 17.04.2020 | 17:15 | 17:30 | 1.905 |
| 17.04.2020 | 17:30 | 17:45 | 1.921 |
| 17.04.2020 | 17:45 | 18:00 | 1.941 |
| 17.04.2020 | 18:00 | 18:15 | 1.948 |
| 17.04.2020 | 18:15 | 18:30 | 1.955 |
| 17.04.2020 | 18:30 | 18:45 | 1.957 |
| 17.04.2020 | 18:45 | 19:00 | 1.981 |
| 17.04.2020 | 19:00 | 19:15 | 2.010 |
| 17.04.2020 | 19:15 | 19:30 | 2.026 |
| 17.04.2020 | 19:30 | 19:45 | 2.015 |
| 17.04.2020 | 19:45 | 20:00 | 2.020 |
| 17.04.2020 | 20:00 | 20:15 | 1.981 |
| 17.04.2020 | 20:15 | 20:30 | 1.973 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.04.2020 | 20:30 | 20:45 | 1.973 |
| 17.04.2020 | 20:45 | 21:00 | 1.973 |
| 17.04.2020 | 21:00 | 21:15 | 1.979 |
| 17.04.2020 | 21:15 | 21:30 | 1.905 |
| 17.04.2020 | 21:30 | 21:45 | 1.792 |
| 17.04.2020 | 21:45 | 22:00 | 1.685 |
| 17.04.2020 | 22:00 | 22:15 | 1.632 |
| 17.04.2020 | 22:15 | 22:30 | 1.560 |
| 17.04.2020 | 22:30 | 22:45 | 1.515 |
| 17.04.2020 | 22:45 | 23:00 | 1.460 |
| 17.04.2020 | 23:00 | 23:15 | 1.398 |
| 17.04.2020 | 23:15 | 23:30 | 1.359 |
| 17.04.2020 | 23:30 | 23:45 | 1.306 |
| 17.04.2020 | 23:45 | 00:00 | 1.256 |
| 18.04.2020 | 00:00 | 00:15 | 1.206 |
| 18.04.2020 | 00:15 | 00:30 | 1.174 |
| 18.04.2020 | 00:30 | 00:45 | 1.117 |
| 18.04.2020 | 00:45 | 01:00 | 1.083 |
| 18.04.2020 | 01:00 | 01:15 | 1.048 |
| 18.04.2020 | 01:15 | 01:30 | 1.019 |
| 18.04.2020 | 01:30 | 01:45 | 997 |
| 18.04.2020 | 01:45 | 02:00 | 982 |
| 18.04.2020 | 02:00 | 02:15 | 971 |
| 18.04.2020 | 02:15 | 02:30 | 954 |
| 18.04.2020 | 02:30 | 02:45 | 935 |
| 18.04.2020 | 02:45 | 03:00 | 930 |
| 18.04.2020 | 03:00 | 03:15 | 936 |
| 18.04.2020 | 03:15 | 03:30 | 925 |
| 18.04.2020 | 03:30 | 03:45 | 915 |
| 18.04.2020 | 03:45 | 04:00 | 912 |
| 18.04.2020 | 04:00 | 04:15 | 919 |
| 18.04.2020 | 04:15 | 04:30 | 925 |
| 18.04.2020 | 04:30 | 04:45 | 929 |
| 18.04.2020 | 04:45 | 05:00 | 946 |
| 18.04.2020 | 05:00 | 05:15 | 962 |
| 18.04.2020 | 05:15 | 05:30 | 967 |
| 18.04.2020 | 05:30 | 05:45 | 987 |
| 18.04.2020 | 05:45 | 06:00 | 1.017 |
| 18.04.2020 | 06:00 | 06:15 | 1.005 |
| 18.04.2020 | 06:15 | 06:30 | 1.007 |
| 18.04.2020 | 06:30 | 06:45 | 1.026 |
| 18.04.2020 | 06:45 | 07:00 | 1.057 |
| 18.04.2020 | 07:00 | 07:15 | 1.089 |
| 18.04.2020 | 07:15 | 07:30 | 1.123 |
| 18.04.2020 | 07:30 | 07:45 | 1.178 |
| 18.04.2020 | 07:45 | 08:00 | 1.261 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.04.2020 | 08:00 | 08:15 | 1.300 |
| 18.04.2020 | 08:15 | 08:30 | 1.358 |
| 18.04.2020 | 08:30 | 08:45 | 1.427 |
| 18.04.2020 | 08:45 | 09:00 | 1.486 |
| 18.04.2020 | 09:00 | 09:15 | 1.540 |
| 18.04.2020 | 09:15 | 09:30 | 1.590 |
| 18.04.2020 | 09:30 | 09:45 | 1.626 |
| 18.04.2020 | 09:45 | 10:00 | 1.661 |
| 18.04.2020 | 10:00 | 10:15 | 1.698 |
| 18.04.2020 | 10:15 | 10:30 | 1.745 |
| 18.04.2020 | 10:30 | 10:45 | 1.756 |
| 18.04.2020 | 10:45 | 11:00 | 1.800 |
| 18.04.2020 | 11:00 | 11:15 | 1.825 |
| 18.04.2020 | 11:15 | 11:30 | 1.859 |
| 18.04.2020 | 11:30 | 11:45 | 1.871 |
| 18.04.2020 | 11:45 | 12:00 | 1.837 |
| 18.04.2020 | 12:00 | 12:15 | 1.859 |
| 18.04.2020 | 12:15 | 12:30 | 1.826 |
| 18.04.2020 | 12:30 | 12:45 | 1.822 |
| 18.04.2020 | 12:45 | 13:00 | 1.875 |
| 18.04.2020 | 13:00 | 13:15 | 1.877 |
| 18.04.2020 | 13:15 | 13:30 | 1.915 |
| 18.04.2020 | 13:30 | 13:45 | 1.961 |
| 18.04.2020 | 13:45 | 14:00 | 1.921 |
| 18.04.2020 | 14:00 | 14:15 | 1.871 |
| 18.04.2020 | 14:15 | 14:30 | 1.873 |
| 18.04.2020 | 14:30 | 14:45 | 1.840 |
| 18.04.2020 | 14:45 | 15:00 | 1.819 |
| 18.04.2020 | 15:00 | 15:15 | 1.812 |
| 18.04.2020 | 15:15 | 15:30 | 1.828 |
| 18.04.2020 | 15:30 | 15:45 | 1.826 |
| 18.04.2020 | 15:45 | 16:00 | 1.843 |
| 18.04.2020 | 16:00 | 16:15 | 1.814 |
| 18.04.2020 | 16:15 | 16:30 | 1.784 |
| 18.04.2020 | 16:30 | 16:45 | 1.764 |
| 18.04.2020 | 16:45 | 17:00 | 1.765 |
| 18.04.2020 | 17:00 | 17:15 | 1.799 |
| 18.04.2020 | 17:15 | 17:30 | 1.891 |
| 18.04.2020 | 17:30 | 17:45 | 1.954 |
| 18.04.2020 | 17:45 | 18:00 | 1.977 |
| 18.04.2020 | 18:00 | 18:15 | 1.949 |
| 18.04.2020 | 18:15 | 18:30 | 1.949 |
| 18.04.2020 | 18:30 | 18:45 | 1.943 |
| 18.04.2020 | 18:45 | 19:00 | 1.934 |
| 18.04.2020 | 19:00 | 19:15 | 1.905 |
| 18.04.2020 | 19:15 | 19:30 | 1.843 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.04.2020 | 19:30 | 19:45 | 1.790 |
| 18.04.2020 | 19:45 | 20:00 | 1.778 |
| 18.04.2020 | 20:00 | 20:15 | 1.778 |
| 18.04.2020 | 20:15 | 20:30 | 1.768 |
| 18.04.2020 | 20:30 | 20:45 | 1.708 |
| 18.04.2020 | 20:45 | 21:00 | 1.714 |
| 18.04.2020 | 21:00 | 21:15 | 1.686 |
| 18.04.2020 | 21:15 | 21:30 | 1.635 |
| 18.04.2020 | 21:30 | 21:45 | 1.569 |
| 18.04.2020 | 21:45 | 22:00 | 1.531 |
| 18.04.2020 | 22:00 | 22:15 | 1.519 |
| 18.04.2020 | 22:15 | 22:30 | 1.462 |
| 18.04.2020 | 22:30 | 22:45 | 1.393 |
| 18.04.2020 | 22:45 | 23:00 | 1.359 |
| 18.04.2020 | 23:00 | 23:15 | 1.310 |
| 18.04.2020 | 23:15 | 23:30 | 1.251 |
| 18.04.2020 | 23:30 | 23:45 | 1.186 |
| 18.04.2020 | 23:45 | 00:00 | 1.132 |
| 19.04.2020 | 00:00 | 00:15 | 1.092 |
| 19.04.2020 | 00:15 | 00:30 | 1.067 |
| 19.04.2020 | 00:30 | 00:45 | 1.032 |
| 19.04.2020 | 00:45 | 01:00 | 995 |
| 19.04.2020 | 01:00 | 01:15 | 968 |
| 19.04.2020 | 01:15 | 01:30 | 943 |
| 19.04.2020 | 01:30 | 01:45 | 928 |
| 19.04.2020 | 01:45 | 02:00 | 910 |
| 19.04.2020 | 02:00 | 02:15 | 900 |
| 19.04.2020 | 02:15 | 02:30 | 887 |
| 19.04.2020 | 02:30 | 02:45 | 876 |
| 19.04.2020 | 02:45 | 03:00 | 870 |
| 19.04.2020 | 03:00 | 03:15 | 865 |
| 19.04.2020 | 03:15 | 03:30 | 860 |
| 19.04.2020 | 03:30 | 03:45 | 857 |
| 19.04.2020 | 03:45 | 04:00 | 853 |
| 19.04.2020 | 04:00 | 04:15 | 856 |
| 19.04.2020 | 04:15 | 04:30 | 851 |
| 19.04.2020 | 04:30 | 04:45 | 853 |
| 19.04.2020 | 04:45 | 05:00 | 856 |
| 19.04.2020 | 05:00 | 05:15 | 865 |
| 19.04.2020 | 05:15 | 05:30 | 868 |
| 19.04.2020 | 05:30 | 05:45 | 879 |
| 19.04.2020 | 05:45 | 06:00 | 897 |
| 19.04.2020 | 06:00 | 06:15 | 906 |
| 19.04.2020 | 06:15 | 06:30 | 891 |
| 19.04.2020 | 06:30 | 06:45 | 894 |
| 19.04.2020 | 06:45 | 07:00 | 900 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.04.2020 | 07:00 | 07:15 | 928 |
| 19.04.2020 | 07:15 | 07:30 | 951 |
| 19.04.2020 | 07:30 | 07:45 | 997 |
| 19.04.2020 | 07:45 | 08:00 | 1.033 |
| 19.04.2020 | 08:00 | 08:15 | 1.078 |
| 19.04.2020 | 08:15 | 08:30 | 1.123 |
| 19.04.2020 | 08:30 | 08:45 | 1.172 |
| 19.04.2020 | 08:45 | 09:00 | 1.209 |
| 19.04.2020 | 09:00 | 09:15 | 1.272 |
| 19.04.2020 | 09:15 | 09:30 | 1.381 |
| 19.04.2020 | 09:30 | 09:45 | 1.449 |
| 19.04.2020 | 09:45 | 10:00 | 1.515 |
| 19.04.2020 | 10:00 | 10:15 | 1.571 |
| 19.04.2020 | 10:15 | 10:30 | 1.633 |
| 19.04.2020 | 10:30 | 10:45 | 1.673 |
| 19.04.2020 | 10:45 | 11:00 | 1.720 |
| 19.04.2020 | 11:00 | 11:15 | 1.757 |
| 19.04.2020 | 11:15 | 11:30 | 1.785 |
| 19.04.2020 | 11:30 | 11:45 | 1.811 |
| 19.04.2020 | 11:45 | 12:00 | 1.813 |
| 19.04.2020 | 12:00 | 12:15 | 1.804 |
| 19.04.2020 | 12:15 | 12:30 | 1.825 |
| 19.04.2020 | 12:30 | 12:45 | 1.798 |
| 19.04.2020 | 12:45 | 13:00 | 1.765 |
| 19.04.2020 | 13:00 | 13:15 | 1.759 |
| 19.04.2020 | 13:15 | 13:30 | 1.745 |
| 19.04.2020 | 13:30 | 13:45 | 1.736 |
| 19.04.2020 | 13:45 | 14:00 | 1.691 |
| 19.04.2020 | 14:00 | 14:15 | 1.654 |
| 19.04.2020 | 14:15 | 14:30 | 1.623 |
| 19.04.2020 | 14:30 | 14:45 | 1.581 |
| 19.04.2020 | 14:45 | 15:00 | 1.573 |
| 19.04.2020 | 15:00 | 15:15 | 1.574 |
| 19.04.2020 | 15:15 | 15:30 | 1.560 |
| 19.04.2020 | 15:30 | 15:45 | 1.570 |
| 19.04.2020 | 15:45 | 16:00 | 1.549 |
| 19.04.2020 | 16:00 | 16:15 | 1.551 |
| 19.04.2020 | 16:15 | 16:30 | 1.549 |
| 19.04.2020 | 16:30 | 16:45 | 1.555 |
| 19.04.2020 | 16:45 | 17:00 | 1.554 |
| 19.04.2020 | 17:00 | 17:15 | 1.561 |
| 19.04.2020 | 17:15 | 17:30 | 1.584 |
| 19.04.2020 | 17:30 | 17:45 | 1.601 |
| 19.04.2020 | 17:45 | 18:00 | 1.624 |
| 19.04.2020 | 18:00 | 18:15 | 1.616 |
| 19.04.2020 | 18:15 | 18:30 | 1.618 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.04.2020 | 18:30 | 18:45 | 1.639 |
| 19.04.2020 | 18:45 | 19:00 | 1.655 |
| 19.04.2020 | 19:00 | 19:15 | 1.625 |
| 19.04.2020 | 19:15 | 19:30 | 1.612 |
| 19.04.2020 | 19:30 | 19:45 | 1.616 |
| 19.04.2020 | 19:45 | 20:00 | 1.593 |
| 19.04.2020 | 20:00 | 20:15 | 1.586 |
| 19.04.2020 | 20:15 | 20:30 | 1.558 |
| 19.04.2020 | 20:30 | 20:45 | 1.530 |
| 19.04.2020 | 20:45 | 21:00 | 1.550 |
| 19.04.2020 | 21:00 | 21:15 | 1.589 |
| 19.04.2020 | 21:15 | 21:30 | 1.570 |
| 19.04.2020 | 21:30 | 21:45 | 1.515 |
| 19.04.2020 | 21:45 | 22:00 | 1.464 |
| 19.04.2020 | 22:00 | 22:15 | 1.478 |
| 19.04.2020 | 22:15 | 22:30 | 1.438 |
| 19.04.2020 | 22:30 | 22:45 | 1.391 |
| 19.04.2020 | 22:45 | 23:00 | 1.319 |
| 19.04.2020 | 23:00 | 23:15 | 1.262 |
| 19.04.2020 | 23:15 | 23:30 | 1.214 |
| 19.04.2020 | 23:30 | 23:45 | 1.163 |
| 19.04.2020 | 23:45 | 00:00 | 1.116 |
| 20.04.2020 | 00:00 | 00:15 | 1.086 |
| 20.04.2020 | 00:15 | 00:30 | 1.052 |
| 20.04.2020 | 00:30 | 00:45 | 1.023 |
| 20.04.2020 | 00:45 | 01:00 | 998 |
| 20.04.2020 | 01:00 | 01:15 | 987 |
| 20.04.2020 | 01:15 | 01:30 | 973 |
| 20.04.2020 | 01:30 | 01:45 | 949 |
| 20.04.2020 | 01:45 | 02:00 | 942 |
| 20.04.2020 | 02:00 | 02:15 | 936 |
| 20.04.2020 | 02:15 | 02:30 | 922 |
| 20.04.2020 | 02:30 | 02:45 | 916 |
| 20.04.2020 | 02:45 | 03:00 | 917 |
| 20.04.2020 | 03:00 | 03:15 | 917 |
| 20.04.2020 | 03:15 | 03:30 | 916 |
| 20.04.2020 | 03:30 | 03:45 | 926 |
| 20.04.2020 | 03:45 | 04:00 | 931 |
| 20.04.2020 | 04:00 | 04:15 | 951 |
| 20.04.2020 | 04:15 | 04:30 | 970 |
| 20.04.2020 | 04:30 | 04:45 | 985 |
| 20.04.2020 | 04:45 | 05:00 | 1.000 |
| 20.04.2020 | 05:00 | 05:15 | 1.047 |
| 20.04.2020 | 05:15 | 05:30 | 1.104 |
| 20.04.2020 | 05:30 | 05:45 | 1.149 |
| 20.04.2020 | 05:45 | 06:00 | 1.232 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.04.2020 | 06:00 | 06:15 | 1.277 |
| 20.04.2020 | 06:15 | 06:30 | 1.355 |
| 20.04.2020 | 06:30 | 06:45 | 1.408 |
| 20.04.2020 | 06:45 | 07:00 | 1.485 |
| 20.04.2020 | 07:00 | 07:15 | 1.561 |
| 20.04.2020 | 07:15 | 07:30 | 1.626 |
| 20.04.2020 | 07:30 | 07:45 | 1.668 |
| 20.04.2020 | 07:45 | 08:00 | 1.728 |
| 20.04.2020 | 08:00 | 08:15 | 1.794 |
| 20.04.2020 | 08:15 | 08:30 | 1.847 |
| 20.04.2020 | 08:30 | 08:45 | 1.906 |
| 20.04.2020 | 08:45 | 09:00 | 1.986 |
| 20.04.2020 | 09:00 | 09:15 | 2.024 |
| 20.04.2020 | 09:15 | 09:30 | 2.055 |
| 20.04.2020 | 09:30 | 09:45 | 2.129 |
| 20.04.2020 | 09:45 | 10:00 | 2.160 |
| 20.04.2020 | 10:00 | 10:15 | 2.168 |
| 20.04.2020 | 10:15 | 10:30 | 2.157 |
| 20.04.2020 | 10:30 | 10:45 | 2.186 |
| 20.04.2020 | 10:45 | 11:00 | 2.190 |
| 20.04.2020 | 11:00 | 11:15 | 2.208 |
| 20.04.2020 | 11:15 | 11:30 | 2.222 |
| 20.04.2020 | 11:30 | 11:45 | 2.239 |
| 20.04.2020 | 11:45 | 12:00 | 2.292 |
| 20.04.2020 | 12:00 | 12:15 | 2.294 |
| 20.04.2020 | 12:15 | 12:30 | 2.311 |
| 20.04.2020 | 12:30 | 12:45 | 2.326 |
| 20.04.2020 | 12:45 | 13:00 | 2.297 |
| 20.04.2020 | 13:00 | 13:15 | 2.296 |
| 20.04.2020 | 13:15 | 13:30 | 2.260 |
| 20.04.2020 | 13:30 | 13:45 | 2.241 |
| 20.04.2020 | 13:45 | 14:00 | 2.223 |
| 20.04.2020 | 14:00 | 14:15 | 2.234 |
| 20.04.2020 | 14:15 | 14:30 | 2.213 |
| 20.04.2020 | 14:30 | 14:45 | 2.187 |
| 20.04.2020 | 14:45 | 15:00 | 2.132 |
| 20.04.2020 | 15:00 | 15:15 | 2.128 |
| 20.04.2020 | 15:15 | 15:30 | 2.075 |
| 20.04.2020 | 15:30 | 15:45 | 2.021 |
| 20.04.2020 | 15:45 | 16:00 | 2.039 |
| 20.04.2020 | 16:00 | 16:15 | 2.017 |
| 20.04.2020 | 16:15 | 16:30 | 2.013 |
| 20.04.2020 | 16:30 | 16:45 | 2.008 |
| 20.04.2020 | 16:45 | 17:00 | 2.002 |
| 20.04.2020 | 17:00 | 17:15 | 2.002 |
| 20.04.2020 | 17:15 | 17:30 | 2.026 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.04.2020 | 17:30 | 17:45 | 2.049 |
| 20.04.2020 | 17:45 | 18:00 | 2.074 |
| 20.04.2020 | 18:00 | 18:15 | 2.086 |
| 20.04.2020 | 18:15 | 18:30 | 2.068 |
| 20.04.2020 | 18:30 | 18:45 | 2.086 |
| 20.04.2020 | 18:45 | 19:00 | 2.104 |
| 20.04.2020 | 19:00 | 19:15 | 2.083 |
| 20.04.2020 | 19:15 | 19:30 | 2.081 |
| 20.04.2020 | 19:30 | 19:45 | 2.064 |
| 20.04.2020 | 19:45 | 20:00 | 2.032 |
| 20.04.2020 | 20:00 | 20:15 | 1.983 |
| 20.04.2020 | 20:15 | 20:30 | 1.932 |
| 20.04.2020 | 20:30 | 20:45 | 1.921 |
| 20.04.2020 | 20:45 | 21:00 | 1.929 |
| 20.04.2020 | 21:00 | 21:15 | 1.920 |
| 20.04.2020 | 21:15 | 21:30 | 1.865 |
| 20.04.2020 | 21:30 | 21:45 | 1.805 |
| 20.04.2020 | 21:45 | 22:00 | 1.726 |
| 20.04.2020 | 22:00 | 22:15 | 1.705 |
| 20.04.2020 | 22:15 | 22:30 | 1.644 |
| 20.04.2020 | 22:30 | 22:45 | 1.568 |
| 20.04.2020 | 22:45 | 23:00 | 1.484 |
| 20.04.2020 | 23:00 | 23:15 | 1.404 |
| 20.04.2020 | 23:15 | 23:30 | 1.338 |
| 20.04.2020 | 23:30 | 23:45 | 1.287 |
| 20.04.2020 | 23:45 | 00:00 | 1.231 |
| 21.04.2020 | 00:00 | 00:15 | 1.193 |
| 21.04.2020 | 00:15 | 00:30 | 1.150 |
| 21.04.2020 | 00:30 | 00:45 | 1.110 |
| 21.04.2020 | 00:45 | 01:00 | 1.085 |
| 21.04.2020 | 01:00 | 01:15 | 1.067 |
| 21.04.2020 | 01:15 | 01:30 | 1.040 |
| 21.04.2020 | 01:30 | 01:45 | 1.022 |
| 21.04.2020 | 01:45 | 02:00 | 1.012 |
| 21.04.2020 | 02:00 | 02:15 | 1.003 |
| 21.04.2020 | 02:15 | 02:30 | 998 |
| 21.04.2020 | 02:30 | 02:45 | 985 |
| 21.04.2020 | 02:45 | 03:00 | 982 |
| 21.04.2020 | 03:00 | 03:15 | 992 |
| 21.04.2020 | 03:15 | 03:30 | 997 |
| 21.04.2020 | 03:30 | 03:45 | 990 |
| 21.04.2020 | 03:45 | 04:00 | 986 |
| 21.04.2020 | 04:00 | 04:15 | 1.015 |
| 21.04.2020 | 04:15 | 04:30 | 1.026 |
| 21.04.2020 | 04:30 | 04:45 | 1.050 |
| 21.04.2020 | 04:45 | 05:00 | 1.069 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.04.2020 | 05:00 | 05:15 | 1.126 |
| 21.04.2020 | 05:15 | 05:30 | 1.157 |
| 21.04.2020 | 05:30 | 05:45 | 1.215 |
| 21.04.2020 | 05:45 | 06:00 | 1.264 |
| 21.04.2020 | 06:00 | 06:15 | 1.316 |
| 21.04.2020 | 06:15 | 06:30 | 1.382 |
| 21.04.2020 | 06:30 | 06:45 | 1.464 |
| 21.04.2020 | 06:45 | 07:00 | 1.498 |
| 21.04.2020 | 07:00 | 07:15 | 1.557 |
| 21.04.2020 | 07:15 | 07:30 | 1.622 |
| 21.04.2020 | 07:30 | 07:45 | 1.674 |
| 21.04.2020 | 07:45 | 08:00 | 1.727 |
| 21.04.2020 | 08:00 | 08:15 | 1.807 |
| 21.04.2020 | 08:15 | 08:30 | 1.859 |
| 21.04.2020 | 08:30 | 08:45 | 1.883 |
| 21.04.2020 | 08:45 | 09:00 | 1.912 |
| 21.04.2020 | 09:00 | 09:15 | 1.978 |
| 21.04.2020 | 09:15 | 09:30 | 2.022 |
| 21.04.2020 | 09:30 | 09:45 | 2.071 |
| 21.04.2020 | 09:45 | 10:00 | 2.099 |
| 21.04.2020 | 10:00 | 10:15 | 2.086 |
| 21.04.2020 | 10:15 | 10:30 | 2.123 |
| 21.04.2020 | 10:30 | 10:45 | 2.129 |
| 21.04.2020 | 10:45 | 11:00 | 2.179 |
| 21.04.2020 | 11:00 | 11:15 | 2.209 |
| 21.04.2020 | 11:15 | 11:30 | 2.240 |
| 21.04.2020 | 11:30 | 11:45 | 2.265 |
| 21.04.2020 | 11:45 | 12:00 | 2.302 |
| 21.04.2020 | 12:00 | 12:15 | 2.342 |
| 21.04.2020 | 12:15 | 12:30 | 2.338 |
| 21.04.2020 | 12:30 | 12:45 | 2.322 |
| 21.04.2020 | 12:45 | 13:00 | 2.270 |
| 21.04.2020 | 13:00 | 13:15 | 2.235 |
| 21.04.2020 | 13:15 | 13:30 | 2.249 |
| 21.04.2020 | 13:30 | 13:45 | 2.196 |
| 21.04.2020 | 13:45 | 14:00 | 2.142 |
| 21.04.2020 | 14:00 | 14:15 | 2.100 |
| 21.04.2020 | 14:15 | 14:30 | 2.101 |
| 21.04.2020 | 14:30 | 14:45 | 2.078 |
| 21.04.2020 | 14:45 | 15:00 | 2.035 |
| 21.04.2020 | 15:00 | 15:15 | 2.042 |
| 21.04.2020 | 15:15 | 15:30 | 2.050 |
| 21.04.2020 | 15:30 | 15:45 | 2.042 |
| 21.04.2020 | 15:45 | 16:00 | 2.031 |
| 21.04.2020 | 16:00 | 16:15 | 2.065 |
| 21.04.2020 | 16:15 | 16:30 | 2.098 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.04.2020 | 16:30 | 16:45 | 2.109 |
| 21.04.2020 | 16:45 | 17:00 | 2.085 |
| 21.04.2020 | 17:00 | 17:15 | 2.042 |
| 21.04.2020 | 17:15 | 17:30 | 2.011 |
| 21.04.2020 | 17:30 | 17:45 | 2.021 |
| 21.04.2020 | 17:45 | 18:00 | 2.057 |
| 21.04.2020 | 18:00 | 18:15 | 2.076 |
| 21.04.2020 | 18:15 | 18:30 | 2.094 |
| 21.04.2020 | 18:30 | 18:45 | 2.096 |
| 21.04.2020 | 18:45 | 19:00 | 2.094 |
| 21.04.2020 | 19:00 | 19:15 | 2.084 |
| 21.04.2020 | 19:15 | 19:30 | 2.085 |
| 21.04.2020 | 19:30 | 19:45 | 2.106 |
| 21.04.2020 | 19:45 | 20:00 | 2.049 |
| 21.04.2020 | 20:00 | 20:15 | 1.978 |
| 21.04.2020 | 20:15 | 20:30 | 1.960 |
| 21.04.2020 | 20:30 | 20:45 | 1.941 |
| 21.04.2020 | 20:45 | 21:00 | 1.924 |
| 21.04.2020 | 21:00 | 21:15 | 1.909 |
| 21.04.2020 | 21:15 | 21:30 | 1.902 |
| 21.04.2020 | 21:30 | 21:45 | 1.833 |
| 21.04.2020 | 21:45 | 22:00 | 1.747 |
| 21.04.2020 | 22:00 | 22:15 | 1.693 |
| 21.04.2020 | 22:15 | 22:30 | 1.639 |
| 21.04.2020 | 22:30 | 22:45 | 1.578 |
| 21.04.2020 | 22:45 | 23:00 | 1.489 |
| 21.04.2020 | 23:00 | 23:15 | 1.438 |
| 21.04.2020 | 23:15 | 23:30 | 1.380 |
| 21.04.2020 | 23:30 | 23:45 | 1.314 |
| 21.04.2020 | 23:45 | 00:00 | 1.263 |
| 22.04.2020 | 00:00 | 00:15 | 1.192 |
| 22.04.2020 | 00:15 | 00:30 | 1.153 |
| 22.04.2020 | 00:30 | 00:45 | 1.114 |
| 22.04.2020 | 00:45 | 01:00 | 1.083 |
| 22.04.2020 | 01:00 | 01:15 | 1.067 |
| 22.04.2020 | 01:15 | 01:30 | 1.041 |
| 22.04.2020 | 01:30 | 01:45 | 1.021 |
| 22.04.2020 | 01:45 | 02:00 | 1.005 |
| 22.04.2020 | 02:00 | 02:15 | 1.004 |
| 22.04.2020 | 02:15 | 02:30 | 995 |
| 22.04.2020 | 02:30 | 02:45 | 972 |
| 22.04.2020 | 02:45 | 03:00 | 972 |
| 22.04.2020 | 03:00 | 03:15 | 976 |
| 22.04.2020 | 03:15 | 03:30 | 975 |
| 22.04.2020 | 03:30 | 03:45 | 967 |
| 22.04.2020 | 03:45 | 04:00 | 968 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.04.2020 | 04:00 | 04:15 | 988 |
| 22.04.2020 | 04:15 | 04:30 | 1.014 |
| 22.04.2020 | 04:30 | 04:45 | 1.033 |
| 22.04.2020 | 04:45 | 05:00 | 1.052 |
| 22.04.2020 | 05:00 | 05:15 | 1.130 |
| 22.04.2020 | 05:15 | 05:30 | 1.204 |
| 22.04.2020 | 05:30 | 05:45 | 1.259 |
| 22.04.2020 | 05:45 | 06:00 | 1.305 |
| 22.04.2020 | 06:00 | 06:15 | 1.362 |
| 22.04.2020 | 06:15 | 06:30 | 1.426 |
| 22.04.2020 | 06:30 | 06:45 | 1.473 |
| 22.04.2020 | 06:45 | 07:00 | 1.537 |
| 22.04.2020 | 07:00 | 07:15 | 1.618 |
| 22.04.2020 | 07:15 | 07:30 | 1.675 |
| 22.04.2020 | 07:30 | 07:45 | 1.727 |
| 22.04.2020 | 07:45 | 08:00 | 1.792 |
| 22.04.2020 | 08:00 | 08:15 | 1.907 |
| 22.04.2020 | 08:15 | 08:30 | 1.940 |
| 22.04.2020 | 08:30 | 08:45 | 1.967 |
| 22.04.2020 | 08:45 | 09:00 | 2.030 |
| 22.04.2020 | 09:00 | 09:15 | 2.081 |
| 22.04.2020 | 09:15 | 09:30 | 2.076 |
| 22.04.2020 | 09:30 | 09:45 | 2.106 |
| 22.04.2020 | 09:45 | 10:00 | 2.120 |
| 22.04.2020 | 10:00 | 10:15 | 2.100 |
| 22.04.2020 | 10:15 | 10:30 | 2.124 |
| 22.04.2020 | 10:30 | 10:45 | 2.126 |
| 22.04.2020 | 10:45 | 11:00 | 2.205 |
| 22.04.2020 | 11:00 | 11:15 | 2.234 |
| 22.04.2020 | 11:15 | 11:30 | 2.278 |
| 22.04.2020 | 11:30 | 11:45 | 2.278 |
| 22.04.2020 | 11:45 | 12:00 | 2.316 |
| 22.04.2020 | 12:00 | 12:15 | 2.308 |
| 22.04.2020 | 12:15 | 12:30 | 2.308 |
| 22.04.2020 | 12:30 | 12:45 | 2.318 |
| 22.04.2020 | 12:45 | 13:00 | 2.360 |
| 22.04.2020 | 13:00 | 13:15 | 2.332 |
| 22.04.2020 | 13:15 | 13:30 | 2.325 |
| 22.04.2020 | 13:30 | 13:45 | 2.257 |
| 22.04.2020 | 13:45 | 14:00 | 2.235 |
| 22.04.2020 | 14:00 | 14:15 | 2.212 |
| 22.04.2020 | 14:15 | 14:30 | 2.186 |
| 22.04.2020 | 14:30 | 14:45 | 2.170 |
| 22.04.2020 | 14:45 | 15:00 | 2.128 |
| 22.04.2020 | 15:00 | 15:15 | 2.094 |
| 22.04.2020 | 15:15 | 15:30 | 2.028 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.04.2020 | 15:30 | 15:45 | 2.029 |
| 22.04.2020 | 15:45 | 16:00 | 2.021 |
| 22.04.2020 | 16:00 | 16:15 | 2.018 |
| 22.04.2020 | 16:15 | 16:30 | 2.030 |
| 22.04.2020 | 16:30 | 16:45 | 2.020 |
| 22.04.2020 | 16:45 | 17:00 | 2.005 |
| 22.04.2020 | 17:00 | 17:15 | 2.032 |
| 22.04.2020 | 17:15 | 17:30 | 2.071 |
| 22.04.2020 | 17:30 | 17:45 | 2.081 |
| 22.04.2020 | 17:45 | 18:00 | 2.102 |
| 22.04.2020 | 18:00 | 18:15 | 2.108 |
| 22.04.2020 | 18:15 | 18:30 | 2.134 |
| 22.04.2020 | 18:30 | 18:45 | 2.168 |
| 22.04.2020 | 18:45 | 19:00 | 2.177 |
| 22.04.2020 | 19:00 | 19:15 | 2.182 |
| 22.04.2020 | 19:15 | 19:30 | 2.186 |
| 22.04.2020 | 19:30 | 19:45 | 2.157 |
| 22.04.2020 | 19:45 | 20:00 | 2.073 |
| 22.04.2020 | 20:00 | 20:15 | 1.965 |
| 22.04.2020 | 20:15 | 20:30 | 1.913 |
| 22.04.2020 | 20:30 | 20:45 | 1.881 |
| 22.04.2020 | 20:45 | 21:00 | 1.887 |
| 22.04.2020 | 21:00 | 21:15 | 1.911 |
| 22.04.2020 | 21:15 | 21:30 | 1.879 |
| 22.04.2020 | 21:30 | 21:45 | 1.788 |
| 22.04.2020 | 21:45 | 22:00 | 1.725 |
| 22.04.2020 | 22:00 | 22:15 | 1.672 |
| 22.04.2020 | 22:15 | 22:30 | 1.653 |
| 22.04.2020 | 22:30 | 22:45 | 1.596 |
| 22.04.2020 | 22:45 | 23:00 | 1.539 |
| 22.04.2020 | 23:00 | 23:15 | 1.462 |
| 22.04.2020 | 23:15 | 23:30 | 1.409 |
| 22.04.2020 | 23:30 | 23:45 | 1.344 |
| 22.04.2020 | 23:45 | 00:00 | 1.285 |
| 23.04.2020 | 00:00 | 00:15 | 1.218 |
| 23.04.2020 | 00:15 | 00:30 | 1.184 |
| 23.04.2020 | 00:30 | 00:45 | 1.145 |
| 23.04.2020 | 00:45 | 01:00 | 1.113 |
| 23.04.2020 | 01:00 | 01:15 | 1.071 |
| 23.04.2020 | 01:15 | 01:30 | 1.047 |
| 23.04.2020 | 01:30 | 01:45 | 1.025 |
| 23.04.2020 | 01:45 | 02:00 | 1.003 |
| 23.04.2020 | 02:00 | 02:15 | 1.002 |
| 23.04.2020 | 02:15 | 02:30 | 992 |
| 23.04.2020 | 02:30 | 02:45 | 983 |
| 23.04.2020 | 02:45 | 03:00 | 973 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.04.2020 | 03:00 | 03:15 | 966 |
| 23.04.2020 | 03:15 | 03:30 | 949 |
| 23.04.2020 | 03:30 | 03:45 | 953 |
| 23.04.2020 | 03:45 | 04:00 | 960 |
| 23.04.2020 | 04:00 | 04:15 | 986 |
| 23.04.2020 | 04:15 | 04:30 | 1.000 |
| 23.04.2020 | 04:30 | 04:45 | 1.023 |
| 23.04.2020 | 04:45 | 05:00 | 1.057 |
| 23.04.2020 | 05:00 | 05:15 | 1.088 |
| 23.04.2020 | 05:15 | 05:30 | 1.122 |
| 23.04.2020 | 05:30 | 05:45 | 1.177 |
| 23.04.2020 | 05:45 | 06:00 | 1.217 |
| 23.04.2020 | 06:00 | 06:15 | 1.270 |
| 23.04.2020 | 06:15 | 06:30 | 1.348 |
| 23.04.2020 | 06:30 | 06:45 | 1.410 |
| 23.04.2020 | 06:45 | 07:00 | 1.466 |
| 23.04.2020 | 07:00 | 07:15 | 1.525 |
| 23.04.2020 | 07:15 | 07:30 | 1.588 |
| 23.04.2020 | 07:30 | 07:45 | 1.650 |
| 23.04.2020 | 07:45 | 08:00 | 1.707 |
| 23.04.2020 | 08:00 | 08:15 | 1.778 |
| 23.04.2020 | 08:15 | 08:30 | 1.836 |
| 23.04.2020 | 08:30 | 08:45 | 1.901 |
| 23.04.2020 | 08:45 | 09:00 | 1.978 |
| 23.04.2020 | 09:00 | 09:15 | 2.090 |
| 23.04.2020 | 09:15 | 09:30 | 2.094 |
| 23.04.2020 | 09:30 | 09:45 | 2.104 |
| 23.04.2020 | 09:45 | 10:00 | 2.113 |
| 23.04.2020 | 10:00 | 10:15 | 2.119 |
| 23.04.2020 | 10:15 | 10:30 | 2.140 |
| 23.04.2020 | 10:30 | 10:45 | 2.172 |
| 23.04.2020 | 10:45 | 11:00 | 2.211 |
| 23.04.2020 | 11:00 | 11:15 | 2.181 |
| 23.04.2020 | 11:15 | 11:30 | 2.277 |
| 23.04.2020 | 11:30 | 11:45 | 2.297 |
| 23.04.2020 | 11:45 | 12:00 | 2.321 |
| 23.04.2020 | 12:00 | 12:15 | 2.294 |
| 23.04.2020 | 12:15 | 12:30 | 2.302 |
| 23.04.2020 | 12:30 | 12:45 | 2.290 |
| 23.04.2020 | 12:45 | 13:00 | 2.281 |
| 23.04.2020 | 13:00 | 13:15 | 2.221 |
| 23.04.2020 | 13:15 | 13:30 | 2.183 |
| 23.04.2020 | 13:30 | 13:45 | 2.161 |
| 23.04.2020 | 13:45 | 14:00 | 2.115 |
| 23.04.2020 | 14:00 | 14:15 | 2.071 |
| 23.04.2020 | 14:15 | 14:30 | 2.034 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.04.2020 | 14:30 | 14:45 | 2.051 |
| 23.04.2020 | 14:45 | 15:00 | 2.017 |
| 23.04.2020 | 15:00 | 15:15 | 2.008 |
| 23.04.2020 | 15:15 | 15:30 | 2.051 |
| 23.04.2020 | 15:30 | 15:45 | 2.014 |
| 23.04.2020 | 15:45 | 16:00 | 2.000 |
| 23.04.2020 | 16:00 | 16:15 | 2.011 |
| 23.04.2020 | 16:15 | 16:30 | 1.952 |
| 23.04.2020 | 16:30 | 16:45 | 1.952 |
| 23.04.2020 | 16:45 | 17:00 | 1.994 |
| 23.04.2020 | 17:00 | 17:15 | 1.984 |
| 23.04.2020 | 17:15 | 17:30 | 1.999 |
| 23.04.2020 | 17:30 | 17:45 | 2.012 |
| 23.04.2020 | 17:45 | 18:00 | 2.032 |
| 23.04.2020 | 18:00 | 18:15 | 2.029 |
| 23.04.2020 | 18:15 | 18:30 | 2.054 |
| 23.04.2020 | 18:30 | 18:45 | 2.052 |
| 23.04.2020 | 18:45 | 19:00 | 2.060 |
| 23.04.2020 | 19:00 | 19:15 | 2.055 |
| 23.04.2020 | 19:15 | 19:30 | 2.032 |
| 23.04.2020 | 19:30 | 19:45 | 2.060 |
| 23.04.2020 | 19:45 | 20:00 | 2.030 |
| 23.04.2020 | 20:00 | 20:15 | 1.958 |
| 23.04.2020 | 20:15 | 20:30 | 1.929 |
| 23.04.2020 | 20:30 | 20:45 | 1.925 |
| 23.04.2020 | 20:45 | 21:00 | 1.925 |
| 23.04.2020 | 21:00 | 21:15 | 1.984 |
| 23.04.2020 | 21:15 | 21:30 | 1.934 |
| 23.04.2020 | 21:30 | 21:45 | 1.846 |
| 23.04.2020 | 21:45 | 22:00 | 1.759 |
| 23.04.2020 | 22:00 | 22:15 | 1.711 |
| 23.04.2020 | 22:15 | 22:30 | 1.679 |
| 23.04.2020 | 22:30 | 22:45 | 1.593 |
| 23.04.2020 | 22:45 | 23:00 | 1.529 |
| 23.04.2020 | 23:00 | 23:15 | 1.431 |
| 23.04.2020 | 23:15 | 23:30 | 1.374 |
| 23.04.2020 | 23:30 | 23:45 | 1.329 |
| 23.04.2020 | 23:45 | 00:00 | 1.261 |
| 24.04.2020 | 00:00 | 00:15 | 1.215 |
| 24.04.2020 | 00:15 | 00:30 | 1.184 |
| 24.04.2020 | 00:30 | 00:45 | 1.174 |
| 24.04.2020 | 00:45 | 01:00 | 1.147 |
| 24.04.2020 | 01:00 | 01:15 | 1.118 |
| 24.04.2020 | 01:15 | 01:30 | 1.087 |
| 24.04.2020 | 01:30 | 01:45 | 1.066 |
| 24.04.2020 | 01:45 | 02:00 | 1.044 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.04.2020 | 02:00 | 02:15 | 1.033 |
| 24.04.2020 | 02:15 | 02:30 | 1.023 |
| 24.04.2020 | 02:30 | 02:45 | 1.017 |
| 24.04.2020 | 02:45 | 03:00 | 1.013 |
| 24.04.2020 | 03:00 | 03:15 | 1.009 |
| 24.04.2020 | 03:15 | 03:30 | 992 |
| 24.04.2020 | 03:30 | 03:45 | 988 |
| 24.04.2020 | 03:45 | 04:00 | 1.007 |
| 24.04.2020 | 04:00 | 04:15 | 1.023 |
| 24.04.2020 | 04:15 | 04:30 | 1.033 |
| 24.04.2020 | 04:30 | 04:45 | 1.034 |
| 24.04.2020 | 04:45 | 05:00 | 1.050 |
| 24.04.2020 | 05:00 | 05:15 | 1.093 |
| 24.04.2020 | 05:15 | 05:30 | 1.114 |
| 24.04.2020 | 05:30 | 05:45 | 1.151 |
| 24.04.2020 | 05:45 | 06:00 | 1.216 |
| 24.04.2020 | 06:00 | 06:15 | 1.263 |
| 24.04.2020 | 06:15 | 06:30 | 1.330 |
| 24.04.2020 | 06:30 | 06:45 | 1.376 |
| 24.04.2020 | 06:45 | 07:00 | 1.434 |
| 24.04.2020 | 07:00 | 07:15 | 1.509 |
| 24.04.2020 | 07:15 | 07:30 | 1.550 |
| 24.04.2020 | 07:30 | 07:45 | 1.607 |
| 24.04.2020 | 07:45 | 08:00 | 1.673 |
| 24.04.2020 | 08:00 | 08:15 | 1.741 |
| 24.04.2020 | 08:15 | 08:30 | 1.806 |
| 24.04.2020 | 08:30 | 08:45 | 1.835 |
| 24.04.2020 | 08:45 | 09:00 | 1.868 |
| 24.04.2020 | 09:00 | 09:15 | 1.915 |
| 24.04.2020 | 09:15 | 09:30 | 1.963 |
| 24.04.2020 | 09:30 | 09:45 | 2.031 |
| 24.04.2020 | 09:45 | 10:00 | 2.034 |
| 24.04.2020 | 10:00 | 10:15 | 2.049 |
| 24.04.2020 | 10:15 | 10:30 | 2.063 |
| 24.04.2020 | 10:30 | 10:45 | 2.078 |
| 24.04.2020 | 10:45 | 11:00 | 2.164 |
| 24.04.2020 | 11:00 | 11:15 | 2.174 |
| 24.04.2020 | 11:15 | 11:30 | 2.195 |
| 24.04.2020 | 11:30 | 11:45 | 2.237 |
| 24.04.2020 | 11:45 | 12:00 | 2.233 |
| 24.04.2020 | 12:00 | 12:15 | 2.249 |
| 24.04.2020 | 12:15 | 12:30 | 2.211 |
| 24.04.2020 | 12:30 | 12:45 | 2.183 |
| 24.04.2020 | 12:45 | 13:00 | 2.183 |
| 24.04.2020 | 13:00 | 13:15 | 2.168 |
| 24.04.2020 | 13:15 | 13:30 | 2.142 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 24.04.2020 | 13:30 | 13:45 | 2.103 |
| 24.04.2020 | 13:45 | 14:00 | 2.068 |
| 24.04.2020 | 14:00 | 14:15 | 2.043 |
| 24.04.2020 | 14:15 | 14:30 | 2.019 |
| 24.04.2020 | 14:30 | 14:45 | 1.992 |
| 24.04.2020 | 14:45 | 15:00 | 1.963 |
| 24.04.2020 | 15:00 | 15:15 | 1.973 |
| 24.04.2020 | 15:15 | 15:30 | 1.978 |
| 24.04.2020 | 15:30 | 15:45 | 1.940 |
| 24.04.2020 | 15:45 | 16:00 | 1.921 |
| 24.04.2020 | 16:00 | 16:15 | 1.897 |
| 24.04.2020 | 16:15 | 16:30 | 1.880 |
| 24.04.2020 | 16:30 | 16:45 | 1.839 |
| 24.04.2020 | 16:45 | 17:00 | 1.852 |
| 24.04.2020 | 17:00 | 17:15 | 1.870 |
| 24.04.2020 | 17:15 | 17:30 | 1.936 |
| 24.04.2020 | 17:30 | 17:45 | 1.951 |
| 24.04.2020 | 17:45 | 18:00 | 1.988 |
| 24.04.2020 | 18:00 | 18:15 | 2.001 |
| 24.04.2020 | 18:15 | 18:30 | 1.996 |
| 24.04.2020 | 18:30 | 18:45 | 2.039 |
| 24.04.2020 | 18:45 | 19:00 | 2.089 |
| 24.04.2020 | 19:00 | 19:15 | 2.103 |
| 24.04.2020 | 19:15 | 19:30 | 2.114 |
| 24.04.2020 | 19:30 | 19:45 | 2.129 |
| 24.04.2020 | 19:45 | 20:00 | 2.142 |
| 24.04.2020 | 20:00 | 20:15 | 2.146 |
| 24.04.2020 | 20:15 | 20:30 | 2.166 |
| 24.04.2020 | 20:30 | 20:45 | 2.129 |
| 24.04.2020 | 20:45 | 21:00 | 1.940 |
| 24.04.2020 | 21:00 | 21:15 | 1.854 |
| 24.04.2020 | 21:15 | 21:30 | 1.869 |
| 24.04.2020 | 21:30 | 21:45 | 1.795 |
| 24.04.2020 | 21:45 | 22:00 | 1.659 |
| 24.04.2020 | 22:00 | 22:15 | 1.623 |
| 24.04.2020 | 22:15 | 22:30 | 1.586 |
| 24.04.2020 | 22:30 | 22:45 | 1.539 |
| 24.04.2020 | 22:45 | 23:00 | 1.463 |
| 24.04.2020 | 23:00 | 23:15 | 1.407 |
| 24.04.2020 | 23:15 | 23:30 | 1.344 |
| 24.04.2020 | 23:30 | 23:45 | 1.294 |
| 24.04.2020 | 23:45 | 00:00 | 1.237 |
| 25.04.2020 | 00:00 | 00:15 | 1.182 |
| 25.04.2020 | 00:15 | 00:30 | 1.147 |
| 25.04.2020 | 00:30 | 00:45 | 1.107 |
| 25.04.2020 | 00:45 | 01:00 | 1.077 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.04.2020 | 01:00 | 01:15 | 1.050 |
| 25.04.2020 | 01:15 | 01:30 | 1.027 |
| 25.04.2020 | 01:30 | 01:45 | 1.007 |
| 25.04.2020 | 01:45 | 02:00 | 992 |
| 25.04.2020 | 02:00 | 02:15 | 988 |
| 25.04.2020 | 02:15 | 02:30 | 970 |
| 25.04.2020 | 02:30 | 02:45 | 968 |
| 25.04.2020 | 02:45 | 03:00 | 966 |
| 25.04.2020 | 03:00 | 03:15 | 958 |
| 25.04.2020 | 03:15 | 03:30 | 951 |
| 25.04.2020 | 03:30 | 03:45 | 955 |
| 25.04.2020 | 03:45 | 04:00 | 955 |
| 25.04.2020 | 04:00 | 04:15 | 955 |
| 25.04.2020 | 04:15 | 04:30 | 948 |
| 25.04.2020 | 04:30 | 04:45 | 948 |
| 25.04.2020 | 04:45 | 05:00 | 959 |
| 25.04.2020 | 05:00 | 05:15 | 972 |
| 25.04.2020 | 05:15 | 05:30 | 975 |
| 25.04.2020 | 05:30 | 05:45 | 986 |
| 25.04.2020 | 05:45 | 06:00 | 1.004 |
| 25.04.2020 | 06:00 | 06:15 | 995 |
| 25.04.2020 | 06:15 | 06:30 | 1.005 |
| 25.04.2020 | 06:30 | 06:45 | 1.016 |
| 25.04.2020 | 06:45 | 07:00 | 1.039 |
| 25.04.2020 | 07:00 | 07:15 | 1.071 |
| 25.04.2020 | 07:15 | 07:30 | 1.102 |
| 25.04.2020 | 07:30 | 07:45 | 1.142 |
| 25.04.2020 | 07:45 | 08:00 | 1.190 |
| 25.04.2020 | 08:00 | 08:15 | 1.239 |
| 25.04.2020 | 08:15 | 08:30 | 1.296 |
| 25.04.2020 | 08:30 | 08:45 | 1.371 |
| 25.04.2020 | 08:45 | 09:00 | 1.431 |
| 25.04.2020 | 09:00 | 09:15 | 1.467 |
| 25.04.2020 | 09:15 | 09:30 | 1.553 |
| 25.04.2020 | 09:30 | 09:45 | 1.603 |
| 25.04.2020 | 09:45 | 10:00 | 1.656 |
| 25.04.2020 | 10:00 | 10:15 | 1.696 |
| 25.04.2020 | 10:15 | 10:30 | 1.713 |
| 25.04.2020 | 10:30 | 10:45 | 1.752 |
| 25.04.2020 | 10:45 | 11:00 | 1.744 |
| 25.04.2020 | 11:00 | 11:15 | 1.767 |
| 25.04.2020 | 11:15 | 11:30 | 1.801 |
| 25.04.2020 | 11:30 | 11:45 | 1.803 |
| 25.04.2020 | 11:45 | 12:00 | 1.839 |
| 25.04.2020 | 12:00 | 12:15 | 1.832 |
| 25.04.2020 | 12:15 | 12:30 | 1.831 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.04.2020 | 12:30 | 12:45 | 1.797 |
| 25.04.2020 | 12:45 | 13:00 | 1.762 |
| 25.04.2020 | 13:00 | 13:15 | 1.751 |
| 25.04.2020 | 13:15 | 13:30 | 1.717 |
| 25.04.2020 | 13:30 | 13:45 | 1.676 |
| 25.04.2020 | 13:45 | 14:00 | 1.682 |
| 25.04.2020 | 14:00 | 14:15 | 1.641 |
| 25.04.2020 | 14:15 | 14:30 | 1.611 |
| 25.04.2020 | 14:30 | 14:45 | 1.607 |
| 25.04.2020 | 14:45 | 15:00 | 1.588 |
| 25.04.2020 | 15:00 | 15:15 | 1.556 |
| 25.04.2020 | 15:15 | 15:30 | 1.558 |
| 25.04.2020 | 15:30 | 15:45 | 1.526 |
| 25.04.2020 | 15:45 | 16:00 | 1.527 |
| 25.04.2020 | 16:00 | 16:15 | 1.549 |
| 25.04.2020 | 16:15 | 16:30 | 1.577 |
| 25.04.2020 | 16:30 | 16:45 | 1.580 |
| 25.04.2020 | 16:45 | 17:00 | 1.627 |
| 25.04.2020 | 17:00 | 17:15 | 1.657 |
| 25.04.2020 | 17:15 | 17:30 | 1.659 |
| 25.04.2020 | 17:30 | 17:45 | 1.661 |
| 25.04.2020 | 17:45 | 18:00 | 1.690 |
| 25.04.2020 | 18:00 | 18:15 | 1.679 |
| 25.04.2020 | 18:15 | 18:30 | 1.693 |
| 25.04.2020 | 18:30 | 18:45 | 1.696 |
| 25.04.2020 | 18:45 | 19:00 | 1.737 |
| 25.04.2020 | 19:00 | 19:15 | 1.740 |
| 25.04.2020 | 19:15 | 19:30 | 1.767 |
| 25.04.2020 | 19:30 | 19:45 | 1.776 |
| 25.04.2020 | 19:45 | 20:00 | 1.800 |
| 25.04.2020 | 20:00 | 20:15 | 1.817 |
| 25.04.2020 | 20:15 | 20:30 | 1.846 |
| 25.04.2020 | 20:30 | 20:45 | 1.821 |
| 25.04.2020 | 20:45 | 21:00 | 1.637 |
| 25.04.2020 | 21:00 | 21:15 | 1.554 |
| 25.04.2020 | 21:15 | 21:30 | 1.593 |
| 25.04.2020 | 21:30 | 21:45 | 1.548 |
| 25.04.2020 | 21:45 | 22:00 | 1.505 |
| 25.04.2020 | 22:00 | 22:15 | 1.543 |
| 25.04.2020 | 22:15 | 22:30 | 1.482 |
| 25.04.2020 | 22:30 | 22:45 | 1.421 |
| 25.04.2020 | 22:45 | 23:00 | 1.380 |
| 25.04.2020 | 23:00 | 23:15 | 1.318 |
| 25.04.2020 | 23:15 | 23:30 | 1.265 |
| 25.04.2020 | 23:30 | 23:45 | 1.216 |
| 25.04.2020 | 23:45 | 00:00 | 1.155 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.04.2020 | 00:00 | 00:15 | 1.112 |
| 26.04.2020 | 00:15 | 00:30 | 1.081 |
| 26.04.2020 | 00:30 | 00:45 | 1.050 |
| 26.04.2020 | 00:45 | 01:00 | 1.024 |
| 26.04.2020 | 01:00 | 01:15 | 990 |
| 26.04.2020 | 01:15 | 01:30 | 950 |
| 26.04.2020 | 01:30 | 01:45 | 930 |
| 26.04.2020 | 01:45 | 02:00 | 915 |
| 26.04.2020 | 02:00 | 02:15 | 908 |
| 26.04.2020 | 02:15 | 02:30 | 904 |
| 26.04.2020 | 02:30 | 02:45 | 896 |
| 26.04.2020 | 02:45 | 03:00 | 888 |
| 26.04.2020 | 03:00 | 03:15 | 892 |
| 26.04.2020 | 03:15 | 03:30 | 891 |
| 26.04.2020 | 03:30 | 03:45 | 894 |
| 26.04.2020 | 03:45 | 04:00 | 899 |
| 26.04.2020 | 04:00 | 04:15 | 887 |
| 26.04.2020 | 04:15 | 04:30 | 878 |
| 26.04.2020 | 04:30 | 04:45 | 883 |
| 26.04.2020 | 04:45 | 05:00 | 876 |
| 26.04.2020 | 05:00 | 05:15 | 881 |
| 26.04.2020 | 05:15 | 05:30 | 883 |
| 26.04.2020 | 05:30 | 05:45 | 887 |
| 26.04.2020 | 05:45 | 06:00 | 863 |
| 26.04.2020 | 06:00 | 06:15 | 868 |
| 26.04.2020 | 06:15 | 06:30 | 869 |
| 26.04.2020 | 06:30 | 06:45 | 877 |
| 26.04.2020 | 06:45 | 07:00 | 893 |
| 26.04.2020 | 07:00 | 07:15 | 931 |
| 26.04.2020 | 07:15 | 07:30 | 967 |
| 26.04.2020 | 07:30 | 07:45 | 993 |
| 26.04.2020 | 07:45 | 08:00 | 1.035 |
| 26.04.2020 | 08:00 | 08:15 | 1.097 |
| 26.04.2020 | 08:15 | 08:30 | 1.130 |
| 26.04.2020 | 08:30 | 08:45 | 1.181 |
| 26.04.2020 | 08:45 | 09:00 | 1.228 |
| 26.04.2020 | 09:00 | 09:15 | 1.277 |
| 26.04.2020 | 09:15 | 09:30 | 1.330 |
| 26.04.2020 | 09:30 | 09:45 | 1.367 |
| 26.04.2020 | 09:45 | 10:00 | 1.401 |
| 26.04.2020 | 10:00 | 10:15 | 1.454 |
| 26.04.2020 | 10:15 | 10:30 | 1.486 |
| 26.04.2020 | 10:30 | 10:45 | 1.533 |
| 26.04.2020 | 10:45 | 11:00 | 1.576 |
| 26.04.2020 | 11:00 | 11:15 | 1.624 |
| 26.04.2020 | 11:15 | 11:30 | 1.655 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.04.2020 | 11:30 | 11:45 | 1.720 |
| 26.04.2020 | 11:45 | 12:00 | 1.803 |
| 26.04.2020 | 12:00 | 12:15 | 1.811 |
| 26.04.2020 | 12:15 | 12:30 | 1.825 |
| 26.04.2020 | 12:30 | 12:45 | 1.755 |
| 26.04.2020 | 12:45 | 13:00 | 1.706 |
| 26.04.2020 | 13:00 | 13:15 | 1.676 |
| 26.04.2020 | 13:15 | 13:30 | 1.609 |
| 26.04.2020 | 13:30 | 13:45 | 1.569 |
| 26.04.2020 | 13:45 | 14:00 | 1.542 |
| 26.04.2020 | 14:00 | 14:15 | 1.513 |
| 26.04.2020 | 14:15 | 14:30 | 1.490 |
| 26.04.2020 | 14:30 | 14:45 | 1.495 |
| 26.04.2020 | 14:45 | 15:00 | 1.458 |
| 26.04.2020 | 15:00 | 15:15 | 1.427 |
| 26.04.2020 | 15:15 | 15:30 | 1.413 |
| 26.04.2020 | 15:30 | 15:45 | 1.398 |
| 26.04.2020 | 15:45 | 16:00 | 1.383 |
| 26.04.2020 | 16:00 | 16:15 | 1.387 |
| 26.04.2020 | 16:15 | 16:30 | 1.396 |
| 26.04.2020 | 16:30 | 16:45 | 1.386 |
| 26.04.2020 | 16:45 | 17:00 | 1.404 |
| 26.04.2020 | 17:00 | 17:15 | 1.425 |
| 26.04.2020 | 17:15 | 17:30 | 1.460 |
| 26.04.2020 | 17:30 | 17:45 | 1.535 |
| 26.04.2020 | 17:45 | 18:00 | 1.576 |
| 26.04.2020 | 18:00 | 18:15 | 1.602 |
| 26.04.2020 | 18:15 | 18:30 | 1.624 |
| 26.04.2020 | 18:30 | 18:45 | 1.661 |
| 26.04.2020 | 18:45 | 19:00 | 1.745 |
| 26.04.2020 | 19:00 | 19:15 | 1.749 |
| 26.04.2020 | 19:15 | 19:30 | 1.780 |
| 26.04.2020 | 19:30 | 19:45 | 1.802 |
| 26.04.2020 | 19:45 | 20:00 | 1.765 |
| 26.04.2020 | 20:00 | 20:15 | 1.788 |
| 26.04.2020 | 20:15 | 20:30 | 1.828 |
| 26.04.2020 | 20:30 | 20:45 | 1.829 |
| 26.04.2020 | 20:45 | 21:00 | 1.698 |
| 26.04.2020 | 21:00 | 21:15 | 1.597 |
| 26.04.2020 | 21:15 | 21:30 | 1.652 |
| 26.04.2020 | 21:30 | 21:45 | 1.611 |
| 26.04.2020 | 21:45 | 22:00 | 1.576 |
| 26.04.2020 | 22:00 | 22:15 | 1.560 |
| 26.04.2020 | 22:15 | 22:30 | 1.503 |
| 26.04.2020 | 22:30 | 22:45 | 1.444 |
| 26.04.2020 | 22:45 | 23:00 | 1.381 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.04.2020 | 23:00 | 23:15 | 1.330 |
| 26.04.2020 | 23:15 | 23:30 | 1.273 |
| 26.04.2020 | 23:30 | 23:45 | 1.214 |
| 26.04.2020 | 23:45 | 00:00 | 1.153 |
| 27.04.2020 | 00:00 | 00:15 | 1.083 |
| 27.04.2020 | 00:15 | 00:30 | 1.053 |
| 27.04.2020 | 00:30 | 00:45 | 1.026 |
| 27.04.2020 | 00:45 | 01:00 | 998 |
| 27.04.2020 | 01:00 | 01:15 | 974 |
| 27.04.2020 | 01:15 | 01:30 | 956 |
| 27.04.2020 | 01:30 | 01:45 | 946 |
| 27.04.2020 | 01:45 | 02:00 | 937 |
| 27.04.2020 | 02:00 | 02:15 | 927 |
| 27.04.2020 | 02:15 | 02:30 | 921 |
| 27.04.2020 | 02:30 | 02:45 | 918 |
| 27.04.2020 | 02:45 | 03:00 | 918 |
| 27.04.2020 | 03:00 | 03:15 | 929 |
| 27.04.2020 | 03:15 | 03:30 | 930 |
| 27.04.2020 | 03:30 | 03:45 | 938 |
| 27.04.2020 | 03:45 | 04:00 | 946 |
| 27.04.2020 | 04:00 | 04:15 | 946 |
| 27.04.2020 | 04:15 | 04:30 | 954 |
| 27.04.2020 | 04:30 | 04:45 | 970 |
| 27.04.2020 | 04:45 | 05:00 | 1.000 |
| 27.04.2020 | 05:00 | 05:15 | 1.041 |
| 27.04.2020 | 05:15 | 05:30 | 1.075 |
| 27.04.2020 | 05:30 | 05:45 | 1.117 |
| 27.04.2020 | 05:45 | 06:00 | 1.141 |
| 27.04.2020 | 06:00 | 06:15 | 1.219 |
| 27.04.2020 | 06:15 | 06:30 | 1.294 |
| 27.04.2020 | 06:30 | 06:45 | 1.374 |
| 27.04.2020 | 06:45 | 07:00 | 1.443 |
| 27.04.2020 | 07:00 | 07:15 | 1.521 |
| 27.04.2020 | 07:15 | 07:30 | 1.579 |
| 27.04.2020 | 07:30 | 07:45 | 1.634 |
| 27.04.2020 | 07:45 | 08:00 | 1.671 |
| 27.04.2020 | 08:00 | 08:15 | 1.740 |
| 27.04.2020 | 08:15 | 08:30 | 1.804 |
| 27.04.2020 | 08:30 | 08:45 | 1.861 |
| 27.04.2020 | 08:45 | 09:00 | 1.926 |
| 27.04.2020 | 09:00 | 09:15 | 1.946 |
| 27.04.2020 | 09:15 | 09:30 | 1.966 |
| 27.04.2020 | 09:30 | 09:45 | 2.024 |
| 27.04.2020 | 09:45 | 10:00 | 2.038 |
| 27.04.2020 | 10:00 | 10:15 | 2.085 |
| 27.04.2020 | 10:15 | 10:30 | 2.099 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.04.2020 | 10:30 | 10:45 | 2.104 |
| 27.04.2020 | 10:45 | 11:00 | 2.147 |
| 27.04.2020 | 11:00 | 11:15 | 2.177 |
| 27.04.2020 | 11:15 | 11:30 | 2.191 |
| 27.04.2020 | 11:30 | 11:45 | 2.214 |
| 27.04.2020 | 11:45 | 12:00 | 2.238 |
| 27.04.2020 | 12:00 | 12:15 | 2.260 |
| 27.04.2020 | 12:15 | 12:30 | 2.249 |
| 27.04.2020 | 12:30 | 12:45 | 2.254 |
| 27.04.2020 | 12:45 | 13:00 | 2.211 |
| 27.04.2020 | 13:00 | 13:15 | 2.223 |
| 27.04.2020 | 13:15 | 13:30 | 2.226 |
| 27.04.2020 | 13:30 | 13:45 | 2.163 |
| 27.04.2020 | 13:45 | 14:00 | 2.119 |
| 27.04.2020 | 14:00 | 14:15 | 2.090 |
| 27.04.2020 | 14:15 | 14:30 | 2.070 |
| 27.04.2020 | 14:30 | 14:45 | 2.015 |
| 27.04.2020 | 14:45 | 15:00 | 1.988 |
| 27.04.2020 | 15:00 | 15:15 | 1.975 |
| 27.04.2020 | 15:15 | 15:30 | 1.966 |
| 27.04.2020 | 15:30 | 15:45 | 1.925 |
| 27.04.2020 | 15:45 | 16:00 | 1.937 |
| 27.04.2020 | 16:00 | 16:15 | 1.964 |
| 27.04.2020 | 16:15 | 16:30 | 1.966 |
| 27.04.2020 | 16:30 | 16:45 | 1.935 |
| 27.04.2020 | 16:45 | 17:00 | 1.955 |
| 27.04.2020 | 17:00 | 17:15 | 1.946 |
| 27.04.2020 | 17:15 | 17:30 | 1.926 |
| 27.04.2020 | 17:30 | 17:45 | 1.940 |
| 27.04.2020 | 17:45 | 18:00 | 1.979 |
| 27.04.2020 | 18:00 | 18:15 | 1.968 |
| 27.04.2020 | 18:15 | 18:30 | 1.973 |
| 27.04.2020 | 18:30 | 18:45 | 2.002 |
| 27.04.2020 | 18:45 | 19:00 | 2.074 |
| 27.04.2020 | 19:00 | 19:15 | 2.115 |
| 27.04.2020 | 19:15 | 19:30 | 2.137 |
| 27.04.2020 | 19:30 | 19:45 | 2.152 |
| 27.04.2020 | 19:45 | 20:00 | 2.126 |
| 27.04.2020 | 20:00 | 20:15 | 2.111 |
| 27.04.2020 | 20:15 | 20:30 | 2.111 |
| 27.04.2020 | 20:30 | 20:45 | 2.099 |
| 27.04.2020 | 20:45 | 21:00 | 1.972 |
| 27.04.2020 | 21:00 | 21:15 | 1.825 |
| 27.04.2020 | 21:15 | 21:30 | 1.869 |
| 27.04.2020 | 21:30 | 21:45 | 1.798 |
| 27.04.2020 | 21:45 | 22:00 | 1.727 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.04.2020 | 22:00 | 22:15 | 1.655 |
| 27.04.2020 | 22:15 | 22:30 | 1.624 |
| 27.04.2020 | 22:30 | 22:45 | 1.561 |
| 27.04.2020 | 22:45 | 23:00 | 1.481 |
| 27.04.2020 | 23:00 | 23:15 | 1.410 |
| 27.04.2020 | 23:15 | 23:30 | 1.339 |
| 27.04.2020 | 23:30 | 23:45 | 1.260 |
| 27.04.2020 | 23:45 | 00:00 | 1.184 |
| 28.04.2020 | 00:00 | 00:15 | 1.156 |
| 28.04.2020 | 00:15 | 00:30 | 1.124 |
| 28.04.2020 | 00:30 | 00:45 | 1.099 |
| 28.04.2020 | 00:45 | 01:00 | 1.070 |
| 28.04.2020 | 01:00 | 01:15 | 1.041 |
| 28.04.2020 | 01:15 | 01:30 | 1.024 |
| 28.04.2020 | 01:30 | 01:45 | 1.008 |
| 28.04.2020 | 01:45 | 02:00 | 1.000 |
| 28.04.2020 | 02:00 | 02:15 | 986 |
| 28.04.2020 | 02:15 | 02:30 | 983 |
| 28.04.2020 | 02:30 | 02:45 | 976 |
| 28.04.2020 | 02:45 | 03:00 | 964 |
| 28.04.2020 | 03:00 | 03:15 | 966 |
| 28.04.2020 | 03:15 | 03:30 | 966 |
| 28.04.2020 | 03:30 | 03:45 | 977 |
| 28.04.2020 | 03:45 | 04:00 | 984 |
| 28.04.2020 | 04:00 | 04:15 | 989 |
| 28.04.2020 | 04:15 | 04:30 | 997 |
| 28.04.2020 | 04:30 | 04:45 | 1.012 |
| 28.04.2020 | 04:45 | 05:00 | 1.043 |
| 28.04.2020 | 05:00 | 05:15 | 1.087 |
| 28.04.2020 | 05:15 | 05:30 | 1.119 |
| 28.04.2020 | 05:30 | 05:45 | 1.152 |
| 28.04.2020 | 05:45 | 06:00 | 1.168 |
| 28.04.2020 | 06:00 | 06:15 | 1.229 |
| 28.04.2020 | 06:15 | 06:30 | 1.311 |
| 28.04.2020 | 06:30 | 06:45 | 1.360 |
| 28.04.2020 | 06:45 | 07:00 | 1.398 |
| 28.04.2020 | 07:00 | 07:15 | 1.462 |
| 28.04.2020 | 07:15 | 07:30 | 1.519 |
| 28.04.2020 | 07:30 | 07:45 | 1.582 |
| 28.04.2020 | 07:45 | 08:00 | 1.634 |
| 28.04.2020 | 08:00 | 08:15 | 1.697 |
| 28.04.2020 | 08:15 | 08:30 | 1.773 |
| 28.04.2020 | 08:30 | 08:45 | 1.812 |
| 28.04.2020 | 08:45 | 09:00 | 1.836 |
| 28.04.2020 | 09:00 | 09:15 | 1.904 |
| 28.04.2020 | 09:15 | 09:30 | 1.937 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.04.2020 | 09:30 | 09:45 | 1.974 |
| 28.04.2020 | 09:45 | 10:00 | 2.001 |
| 28.04.2020 | 10:00 | 10:15 | 2.009 |
| 28.04.2020 | 10:15 | 10:30 | 2.028 |
| 28.04.2020 | 10:30 | 10:45 | 2.058 |
| 28.04.2020 | 10:45 | 11:00 | 2.054 |
| 28.04.2020 | 11:00 | 11:15 | 2.064 |
| 28.04.2020 | 11:15 | 11:30 | 2.145 |
| 28.04.2020 | 11:30 | 11:45 | 2.225 |
| 28.04.2020 | 11:45 | 12:00 | 2.217 |
| 28.04.2020 | 12:00 | 12:15 | 2.219 |
| 28.04.2020 | 12:15 | 12:30 | 2.270 |
| 28.04.2020 | 12:30 | 12:45 | 2.295 |
| 28.04.2020 | 12:45 | 13:00 | 2.330 |
| 28.04.2020 | 13:00 | 13:15 | 2.307 |
| 28.04.2020 | 13:15 | 13:30 | 2.235 |
| 28.04.2020 | 13:30 | 13:45 | 2.194 |
| 28.04.2020 | 13:45 | 14:00 | 2.194 |
| 28.04.2020 | 14:00 | 14:15 | 2.194 |
| 28.04.2020 | 14:15 | 14:30 | 2.166 |
| 28.04.2020 | 14:30 | 14:45 | 2.164 |
| 28.04.2020 | 14:45 | 15:00 | 2.185 |
| 28.04.2020 | 15:00 | 15:15 | 2.190 |
| 28.04.2020 | 15:15 | 15:30 | 2.206 |
| 28.04.2020 | 15:30 | 15:45 | 2.207 |
| 28.04.2020 | 15:45 | 16:00 | 2.180 |
| 28.04.2020 | 16:00 | 16:15 | 2.210 |
| 28.04.2020 | 16:15 | 16:30 | 2.234 |
| 28.04.2020 | 16:30 | 16:45 | 2.288 |
| 28.04.2020 | 16:45 | 17:00 | 2.335 |
| 28.04.2020 | 17:00 | 17:15 | 2.332 |
| 28.04.2020 | 17:15 | 17:30 | 2.295 |
| 28.04.2020 | 17:30 | 17:45 | 2.257 |
| 28.04.2020 | 17:45 | 18:00 | 2.237 |
| 28.04.2020 | 18:00 | 18:15 | 2.223 |
| 28.04.2020 | 18:15 | 18:30 | 2.200 |
| 28.04.2020 | 18:30 | 18:45 | 2.252 |
| 28.04.2020 | 18:45 | 19:00 | 2.297 |
| 28.04.2020 | 19:00 | 19:15 | 2.286 |
| 28.04.2020 | 19:15 | 19:30 | 2.270 |
| 28.04.2020 | 19:30 | 19:45 | 2.263 |
| 28.04.2020 | 19:45 | 20:00 | 2.222 |
| 28.04.2020 | 20:00 | 20:15 | 2.201 |
| 28.04.2020 | 20:15 | 20:30 | 2.181 |
| 28.04.2020 | 20:30 | 20:45 | 2.145 |
| 28.04.2020 | 20:45 | 21:00 | 2.021 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.04.2020 | 21:00 | 21:15 | 1.832 |
| 28.04.2020 | 21:15 | 21:30 | 1.833 |
| 28.04.2020 | 21:30 | 21:45 | 1.795 |
| 28.04.2020 | 21:45 | 22:00 | 1.745 |
| 28.04.2020 | 22:00 | 22:15 | 1.695 |
| 28.04.2020 | 22:15 | 22:30 | 1.646 |
| 28.04.2020 | 22:30 | 22:45 | 1.613 |
| 28.04.2020 | 22:45 | 23:00 | 1.559 |
| 28.04.2020 | 23:00 | 23:15 | 1.482 |
| 28.04.2020 | 23:15 | 23:30 | 1.458 |
| 28.04.2020 | 23:30 | 23:45 | 1.403 |
| 28.04.2020 | 23:45 | 00:00 | 1.304 |
| 29.04.2020 | 00:00 | 00:15 | 1.232 |
| 29.04.2020 | 00:15 | 00:30 | 1.184 |
| 29.04.2020 | 00:30 | 00:45 | 1.150 |
| 29.04.2020 | 00:45 | 01:00 | 1.134 |
| 29.04.2020 | 01:00 | 01:15 | 1.115 |
| 29.04.2020 | 01:15 | 01:30 | 1.094 |
| 29.04.2020 | 01:30 | 01:45 | 1.069 |
| 29.04.2020 | 01:45 | 02:00 | 1.065 |
| 29.04.2020 | 02:00 | 02:15 | 1.057 |
| 29.04.2020 | 02:15 | 02:30 | 1.049 |
| 29.04.2020 | 02:30 | 02:45 | 1.026 |
| 29.04.2020 | 02:45 | 03:00 | 1.020 |
| 29.04.2020 | 03:00 | 03:15 | 1.020 |
| 29.04.2020 | 03:15 | 03:30 | 1.012 |
| 29.04.2020 | 03:30 | 03:45 | 1.018 |
| 29.04.2020 | 03:45 | 04:00 | 1.021 |
| 29.04.2020 | 04:00 | 04:15 | 1.029 |
| 29.04.2020 | 04:15 | 04:30 | 1.011 |
| 29.04.2020 | 04:30 | 04:45 | 1.025 |
| 29.04.2020 | 04:45 | 05:00 | 1.044 |
| 29.04.2020 | 05:00 | 05:15 | 1.087 |
| 29.04.2020 | 05:15 | 05:30 | 1.126 |
| 29.04.2020 | 05:30 | 05:45 | 1.161 |
| 29.04.2020 | 05:45 | 06:00 | 1.180 |
| 29.04.2020 | 06:00 | 06:15 | 1.243 |
| 29.04.2020 | 06:15 | 06:30 | 1.299 |
| 29.04.2020 | 06:30 | 06:45 | 1.355 |
| 29.04.2020 | 06:45 | 07:00 | 1.405 |
| 29.04.2020 | 07:00 | 07:15 | 1.468 |
| 29.04.2020 | 07:15 | 07:30 | 1.554 |
| 29.04.2020 | 07:30 | 07:45 | 1.634 |
| 29.04.2020 | 07:45 | 08:00 | 1.691 |
| 29.04.2020 | 08:00 | 08:15 | 1.751 |
| 29.04.2020 | 08:15 | 08:30 | 1.809 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.04.2020 | 08:30 | 08:45 | 1.856 |
| 29.04.2020 | 08:45 | 09:00 | 1.953 |
| 29.04.2020 | 09:00 | 09:15 | 2.012 |
| 29.04.2020 | 09:15 | 09:30 | 2.086 |
| 29.04.2020 | 09:30 | 09:45 | 2.126 |
| 29.04.2020 | 09:45 | 10:00 | 2.179 |
| 29.04.2020 | 10:00 | 10:15 | 2.226 |
| 29.04.2020 | 10:15 | 10:30 | 2.203 |
| 29.04.2020 | 10:30 | 10:45 | 2.221 |
| 29.04.2020 | 10:45 | 11:00 | 2.244 |
| 29.04.2020 | 11:00 | 11:15 | 2.309 |
| 29.04.2020 | 11:15 | 11:30 | 2.376 |
| 29.04.2020 | 11:30 | 11:45 | 2.422 |
| 29.04.2020 | 11:45 | 12:00 | 2.461 |
| 29.04.2020 | 12:00 | 12:15 | 2.475 |
| 29.04.2020 | 12:15 | 12:30 | 2.445 |
| 29.04.2020 | 12:30 | 12:45 | 2.391 |
| 29.04.2020 | 12:45 | 13:00 | 2.364 |
| 29.04.2020 | 13:00 | 13:15 | 2.389 |
| 29.04.2020 | 13:15 | 13:30 | 2.333 |
| 29.04.2020 | 13:30 | 13:45 | 2.253 |
| 29.04.2020 | 13:45 | 14:00 | 2.228 |
| 29.04.2020 | 14:00 | 14:15 | 2.219 |
| 29.04.2020 | 14:15 | 14:30 | 2.227 |
| 29.04.2020 | 14:30 | 14:45 | 2.223 |
| 29.04.2020 | 14:45 | 15:00 | 2.202 |
| 29.04.2020 | 15:00 | 15:15 | 2.091 |
| 29.04.2020 | 15:15 | 15:30 | 2.115 |
| 29.04.2020 | 15:30 | 15:45 | 2.056 |
| 29.04.2020 | 15:45 | 16:00 | 2.093 |
| 29.04.2020 | 16:00 | 16:15 | 2.137 |
| 29.04.2020 | 16:15 | 16:30 | 2.154 |
| 29.04.2020 | 16:30 | 16:45 | 2.120 |
| 29.04.2020 | 16:45 | 17:00 | 2.066 |
| 29.04.2020 | 17:00 | 17:15 | 2.059 |
| 29.04.2020 | 17:15 | 17:30 | 2.063 |
| 29.04.2020 | 17:30 | 17:45 | 2.083 |
| 29.04.2020 | 17:45 | 18:00 | 2.070 |
| 29.04.2020 | 18:00 | 18:15 | 2.092 |
| 29.04.2020 | 18:15 | 18:30 | 2.114 |
| 29.04.2020 | 18:30 | 18:45 | 2.143 |
| 29.04.2020 | 18:45 | 19:00 | 2.169 |
| 29.04.2020 | 19:00 | 19:15 | 2.175 |
| 29.04.2020 | 19:15 | 19:30 | 2.216 |
| 29.04.2020 | 19:30 | 19:45 | 2.219 |
| 29.04.2020 | 19:45 | 20:00 | 2.220 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.04.2020 | 20:00 | 20:15 | 2.217 |
| 29.04.2020 | 20:15 | 20:30 | 2.184 |
| 29.04.2020 | 20:30 | 20:45 | 2.229 |
| 29.04.2020 | 20:45 | 21:00 | 2.127 |
| 29.04.2020 | 21:00 | 21:15 | 1.903 |
| 29.04.2020 | 21:15 | 21:30 | 1.879 |
| 29.04.2020 | 21:30 | 21:45 | 1.811 |
| 29.04.2020 | 21:45 | 22:00 | 1.712 |
| 29.04.2020 | 22:00 | 22:15 | 1.656 |
| 29.04.2020 | 22:15 | 22:30 | 1.638 |
| 29.04.2020 | 22:30 | 22:45 | 1.597 |
| 29.04.2020 | 22:45 | 23:00 | 1.548 |
| 29.04.2020 | 23:00 | 23:15 | 1.469 |
| 29.04.2020 | 23:15 | 23:30 | 1.400 |
| 29.04.2020 | 23:30 | 23:45 | 1.337 |
| 29.04.2020 | 23:45 | 00:00 | 1.262 |
| 30.04.2020 | 00:00 | 00:15 | 1.181 |
| 30.04.2020 | 00:15 | 00:30 | 1.159 |
| 30.04.2020 | 00:30 | 00:45 | 1.130 |
| 30.04.2020 | 00:45 | 01:00 | 1.094 |
| 30.04.2020 | 01:00 | 01:15 | 1.067 |
| 30.04.2020 | 01:15 | 01:30 | 1.048 |
| 30.04.2020 | 01:30 | 01:45 | 1.026 |
| 30.04.2020 | 01:45 | 02:00 | 1.015 |
| 30.04.2020 | 02:00 | 02:15 | 1.010 |
| 30.04.2020 | 02:15 | 02:30 | 997 |
| 30.04.2020 | 02:30 | 02:45 | 997 |
| 30.04.2020 | 02:45 | 03:00 | 989 |
| 30.04.2020 | 03:00 | 03:15 | 981 |
| 30.04.2020 | 03:15 | 03:30 | 971 |
| 30.04.2020 | 03:30 | 03:45 | 975 |
| 30.04.2020 | 03:45 | 04:00 | 981 |
| 30.04.2020 | 04:00 | 04:15 | 979 |
| 30.04.2020 | 04:15 | 04:30 | 1.004 |
| 30.04.2020 | 04:30 | 04:45 | 1.024 |
| 30.04.2020 | 04:45 | 05:00 | 1.043 |
| 30.04.2020 | 05:00 | 05:15 | 1.079 |
| 30.04.2020 | 05:15 | 05:30 | 1.111 |
| 30.04.2020 | 05:30 | 05:45 | 1.146 |
| 30.04.2020 | 05:45 | 06:00 | 1.157 |
| 30.04.2020 | 06:00 | 06:15 | 1.237 |
| 30.04.2020 | 06:15 | 06:30 | 1.311 |
| 30.04.2020 | 06:30 | 06:45 | 1.361 |
| 30.04.2020 | 06:45 | 07:00 | 1.435 |
| 30.04.2020 | 07:00 | 07:15 | 1.491 |
| 30.04.2020 | 07:15 | 07:30 | 1.565 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.04.2020 | 07:30 | 07:45 | 1.647 |
| 30.04.2020 | 07:45 | 08:00 | 1.702 |
| 30.04.2020 | 08:00 | 08:15 | 1.755 |
| 30.04.2020 | 08:15 | 08:30 | 1.810 |
| 30.04.2020 | 08:30 | 08:45 | 1.836 |
| 30.04.2020 | 08:45 | 09:00 | 1.886 |
| 30.04.2020 | 09:00 | 09:15 | 1.913 |
| 30.04.2020 | 09:15 | 09:30 | 1.965 |
| 30.04.2020 | 09:30 | 09:45 | 2.004 |
| 30.04.2020 | 09:45 | 10:00 | 2.013 |
| 30.04.2020 | 10:00 | 10:15 | 2.037 |
| 30.04.2020 | 10:15 | 10:30 | 2.093 |
| 30.04.2020 | 10:30 | 10:45 | 2.154 |
| 30.04.2020 | 10:45 | 11:00 | 2.172 |
| 30.04.2020 | 11:00 | 11:15 | 2.253 |
| 30.04.2020 | 11:15 | 11:30 | 2.234 |
| 30.04.2020 | 11:30 | 11:45 | 2.234 |
| 30.04.2020 | 11:45 | 12:00 | 2.261 |
| 30.04.2020 | 12:00 | 12:15 | 2.228 |
| 30.04.2020 | 12:15 | 12:30 | 2.280 |
| 30.04.2020 | 12:30 | 12:45 | 2.290 |
| 30.04.2020 | 12:45 | 13:00 | 2.299 |
| 30.04.2020 | 13:00 | 13:15 | 2.248 |
| 30.04.2020 | 13:15 | 13:30 | 2.186 |
| 30.04.2020 | 13:30 | 13:45 | 2.169 |
| 30.04.2020 | 13:45 | 14:00 | 2.124 |
| 30.04.2020 | 14:00 | 14:15 | 2.053 |
| 30.04.2020 | 14:15 | 14:30 | 2.083 |
| 30.04.2020 | 14:30 | 14:45 | 2.024 |
| 30.04.2020 | 14:45 | 15:00 | 2.044 |
| 30.04.2020 | 15:00 | 15:15 | 2.020 |
| 30.04.2020 | 15:15 | 15:30 | 1.948 |
| 30.04.2020 | 15:30 | 15:45 | 1.933 |
| 30.04.2020 | 15:45 | 16:00 | 1.981 |
| 30.04.2020 | 16:00 | 16:15 | 1.985 |
| 30.04.2020 | 16:15 | 16:30 | 2.001 |
| 30.04.2020 | 16:30 | 16:45 | 2.021 |
| 30.04.2020 | 16:45 | 17:00 | 1.983 |
| 30.04.2020 | 17:00 | 17:15 | 2.033 |
| 30.04.2020 | 17:15 | 17:30 | 2.043 |
| 30.04.2020 | 17:30 | 17:45 | 2.090 |
| 30.04.2020 | 17:45 | 18:00 | 2.203 |
| 30.04.2020 | 18:00 | 18:15 | 2.248 |
| 30.04.2020 | 18:15 | 18:30 | 2.256 |
| 30.04.2020 | 18:30 | 18:45 | 2.297 |
| 30.04.2020 | 18:45 | 19:00 | 2.311 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 30.04.2020 | 19:00 | 19:15 | 2.249 |
| 30.04.2020 | 19:15 | 19:30 | 2.167 |
| 30.04.2020 | 19:30 | 19:45 | 2.089 |
| 30.04.2020 | 19:45 | 20:00 | 2.066 |
| 30.04.2020 | 20:00 | 20:15 | 2.012 |
| 30.04.2020 | 20:15 | 20:30 | 2.029 |
| 30.04.2020 | 20:30 | 20:45 | 2.024 |
| 30.04.2020 | 20:45 | 21:00 | 1.989 |
| 30.04.2020 | 21:00 | 21:15 | 1.804 |
| 30.04.2020 | 21:15 | 21:30 | 1.828 |
| 30.04.2020 | 21:30 | 21:45 | 1.806 |
| 30.04.2020 | 21:45 | 22:00 | 1.716 |
| 30.04.2020 | 22:00 | 22:15 | 1.678 |
| 30.04.2020 | 22:15 | 22:30 | 1.617 |
| 30.04.2020 | 22:30 | 22:45 | 1.552 |
| 30.04.2020 | 22:45 | 23:00 | 1.478 |
| 30.04.2020 | 23:00 | 23:15 | 1.421 |
| 30.04.2020 | 23:15 | 23:30 | 1.342 |
| 30.04.2020 | 23:30 | 23:45 | 1.292 |
| 30.04.2020 | 23:45 | 00:00 | 1.213 |
| 01.05.2020 | 00:00 | 00:15 | 1.172 |
| 01.05.2020 | 00:15 | 00:30 | 1.146 |
| 01.05.2020 | 00:30 | 00:45 | 1.121 |
| 01.05.2020 | 00:45 | 01:00 | 1.099 |
| 01.05.2020 | 01:00 | 01:15 | 1.061 |
| 01.05.2020 | 01:15 | 01:30 | 1.030 |
| 01.05.2020 | 01:30 | 01:45 | 1.005 |
| 01.05.2020 | 01:45 | 02:00 | 988 |
| 01.05.2020 | 02:00 | 02:15 | 976 |
| 01.05.2020 | 02:15 | 02:30 | 975 |
| 01.05.2020 | 02:30 | 02:45 | 962 |
| 01.05.2020 | 02:45 | 03:00 | 965 |
| 01.05.2020 | 03:00 | 03:15 | 975 |
| 01.05.2020 | 03:15 | 03:30 | 981 |
| 01.05.2020 | 03:30 | 03:45 | 974 |
| 01.05.2020 | 03:45 | 04:00 | 965 |
| 01.05.2020 | 04:00 | 04:15 | 955 |
| 01.05.2020 | 04:15 | 04:30 | 952 |
| 01.05.2020 | 04:30 | 04:45 | 946 |
| 01.05.2020 | 04:45 | 05:00 | 939 |
| 01.05.2020 | 05:00 | 05:15 | 948 |
| 01.05.2020 | 05:15 | 05:30 | 951 |
| 01.05.2020 | 05:30 | 05:45 | 956 |
| 01.05.2020 | 05:45 | 06:00 | 927 |
| 01.05.2020 | 06:00 | 06:15 | 926 |
| 01.05.2020 | 06:15 | 06:30 | 924 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.05.2020 | 06:30 | 06:45 | 944 |
| 01.05.2020 | 06:45 | 07:00 | 951 |
| 01.05.2020 | 07:00 | 07:15 | 982 |
| 01.05.2020 | 07:15 | 07:30 | 1.007 |
| 01.05.2020 | 07:30 | 07:45 | 1.041 |
| 01.05.2020 | 07:45 | 08:00 | 1.077 |
| 01.05.2020 | 08:00 | 08:15 | 1.142 |
| 01.05.2020 | 08:15 | 08:30 | 1.202 |
| 01.05.2020 | 08:30 | 08:45 | 1.245 |
| 01.05.2020 | 08:45 | 09:00 | 1.316 |
| 01.05.2020 | 09:00 | 09:15 | 1.363 |
| 01.05.2020 | 09:15 | 09:30 | 1.416 |
| 01.05.2020 | 09:30 | 09:45 | 1.472 |
| 01.05.2020 | 09:45 | 10:00 | 1.506 |
| 01.05.2020 | 10:00 | 10:15 | 1.545 |
| 01.05.2020 | 10:15 | 10:30 | 1.562 |
| 01.05.2020 | 10:30 | 10:45 | 1.608 |
| 01.05.2020 | 10:45 | 11:00 | 1.651 |
| 01.05.2020 | 11:00 | 11:15 | 1.687 |
| 01.05.2020 | 11:15 | 11:30 | 1.710 |
| 01.05.2020 | 11:30 | 11:45 | 1.762 |
| 01.05.2020 | 11:45 | 12:00 | 1.766 |
| 01.05.2020 | 12:00 | 12:15 | 1.785 |
| 01.05.2020 | 12:15 | 12:30 | 1.836 |
| 01.05.2020 | 12:30 | 12:45 | 1.836 |
| 01.05.2020 | 12:45 | 13:00 | 1.801 |
| 01.05.2020 | 13:00 | 13:15 | 1.773 |
| 01.05.2020 | 13:15 | 13:30 | 1.792 |
| 01.05.2020 | 13:30 | 13:45 | 1.785 |
| 01.05.2020 | 13:45 | 14:00 | 1.803 |
| 01.05.2020 | 14:00 | 14:15 | 1.779 |
| 01.05.2020 | 14:15 | 14:30 | 1.765 |
| 01.05.2020 | 14:30 | 14:45 | 1.756 |
| 01.05.2020 | 14:45 | 15:00 | 1.708 |
| 01.05.2020 | 15:00 | 15:15 | 1.642 |
| 01.05.2020 | 15:15 | 15:30 | 1.639 |
| 01.05.2020 | 15:30 | 15:45 | 1.645 |
| 01.05.2020 | 15:45 | 16:00 | 1.667 |
| 01.05.2020 | 16:00 | 16:15 | 1.678 |
| 01.05.2020 | 16:15 | 16:30 | 1.665 |
| 01.05.2020 | 16:30 | 16:45 | 1.627 |
| 01.05.2020 | 16:45 | 17:00 | 1.656 |
| 01.05.2020 | 17:00 | 17:15 | 1.759 |
| 01.05.2020 | 17:15 | 17:30 | 1.797 |
| 01.05.2020 | 17:30 | 17:45 | 1.818 |
| 01.05.2020 | 17:45 | 18:00 | 1.767 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.05.2020 | 18:00 | 18:15 | 1.749 |
| 01.05.2020 | 18:15 | 18:30 | 1.747 |
| 01.05.2020 | 18:30 | 18:45 | 1.780 |
| 01.05.2020 | 18:45 | 19:00 | 1.768 |
| 01.05.2020 | 19:00 | 19:15 | 1.759 |
| 01.05.2020 | 19:15 | 19:30 | 1.779 |
| 01.05.2020 | 19:30 | 19:45 | 1.796 |
| 01.05.2020 | 19:45 | 20:00 | 1.785 |
| 01.05.2020 | 20:00 | 20:15 | 1.836 |
| 01.05.2020 | 20:15 | 20:30 | 1.873 |
| 01.05.2020 | 20:30 | 20:45 | 1.845 |
| 01.05.2020 | 20:45 | 21:00 | 1.789 |
| 01.05.2020 | 21:00 | 21:15 | 1.607 |
| 01.05.2020 | 21:15 | 21:30 | 1.585 |
| 01.05.2020 | 21:30 | 21:45 | 1.591 |
| 01.05.2020 | 21:45 | 22:00 | 1.555 |
| 01.05.2020 | 22:00 | 22:15 | 1.535 |
| 01.05.2020 | 22:15 | 22:30 | 1.483 |
| 01.05.2020 | 22:30 | 22:45 | 1.436 |
| 01.05.2020 | 22:45 | 23:00 | 1.380 |
| 01.05.2020 | 23:00 | 23:15 | 1.335 |
| 01.05.2020 | 23:15 | 23:30 | 1.292 |
| 01.05.2020 | 23:30 | 23:45 | 1.240 |
| 01.05.2020 | 23:45 | 00:00 | 1.189 |
| 02.05.2020 | 00:00 | 00:15 | 1.118 |
| 02.05.2020 | 00:15 | 00:30 | 1.076 |
| 02.05.2020 | 00:30 | 00:45 | 1.070 |
| 02.05.2020 | 00:45 | 01:00 | 1.046 |
| 02.05.2020 | 01:00 | 01:15 | 1.024 |
| 02.05.2020 | 01:15 | 01:30 | 999 |
| 02.05.2020 | 01:30 | 01:45 | 981 |
| 02.05.2020 | 01:45 | 02:00 | 969 |
| 02.05.2020 | 02:00 | 02:15 | 960 |
| 02.05.2020 | 02:15 | 02:30 | 947 |
| 02.05.2020 | 02:30 | 02:45 | 933 |
| 02.05.2020 | 02:45 | 03:00 | 924 |
| 02.05.2020 | 03:00 | 03:15 | 935 |
| 02.05.2020 | 03:15 | 03:30 | 930 |
| 02.05.2020 | 03:30 | 03:45 | 934 |
| 02.05.2020 | 03:45 | 04:00 | 931 |
| 02.05.2020 | 04:00 | 04:15 | 924 |
| 02.05.2020 | 04:15 | 04:30 | 923 |
| 02.05.2020 | 04:30 | 04:45 | 924 |
| 02.05.2020 | 04:45 | 05:00 | 929 |
| 02.05.2020 | 05:00 | 05:15 | 949 |
| 02.05.2020 | 05:15 | 05:30 | 952 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.05.2020 | 05:30 | 05:45 | 958 |
| 02.05.2020 | 05:45 | 06:00 | 972 |
| 02.05.2020 | 06:00 | 06:15 | 976 |
| 02.05.2020 | 06:15 | 06:30 | 982 |
| 02.05.2020 | 06:30 | 06:45 | 993 |
| 02.05.2020 | 06:45 | 07:00 | 1.009 |
| 02.05.2020 | 07:00 | 07:15 | 1.034 |
| 02.05.2020 | 07:15 | 07:30 | 1.069 |
| 02.05.2020 | 07:30 | 07:45 | 1.110 |
| 02.05.2020 | 07:45 | 08:00 | 1.139 |
| 02.05.2020 | 08:00 | 08:15 | 1.190 |
| 02.05.2020 | 08:15 | 08:30 | 1.244 |
| 02.05.2020 | 08:30 | 08:45 | 1.305 |
| 02.05.2020 | 08:45 | 09:00 | 1.369 |
| 02.05.2020 | 09:00 | 09:15 | 1.419 |
| 02.05.2020 | 09:15 | 09:30 | 1.497 |
| 02.05.2020 | 09:30 | 09:45 | 1.546 |
| 02.05.2020 | 09:45 | 10:00 | 1.552 |
| 02.05.2020 | 10:00 | 10:15 | 1.584 |
| 02.05.2020 | 10:15 | 10:30 | 1.638 |
| 02.05.2020 | 10:30 | 10:45 | 1.738 |
| 02.05.2020 | 10:45 | 11:00 | 1.805 |
| 02.05.2020 | 11:00 | 11:15 | 1.904 |
| 02.05.2020 | 11:15 | 11:30 | 1.919 |
| 02.05.2020 | 11:30 | 11:45 | 1.967 |
| 02.05.2020 | 11:45 | 12:00 | 2.014 |
| 02.05.2020 | 12:00 | 12:15 | 1.989 |
| 02.05.2020 | 12:15 | 12:30 | 1.952 |
| 02.05.2020 | 12:30 | 12:45 | 1.884 |
| 02.05.2020 | 12:45 | 13:00 | 1.833 |
| 02.05.2020 | 13:00 | 13:15 | 1.808 |
| 02.05.2020 | 13:15 | 13:30 | 1.803 |
| 02.05.2020 | 13:30 | 13:45 | 1.780 |
| 02.05.2020 | 13:45 | 14:00 | 1.787 |
| 02.05.2020 | 14:00 | 14:15 | 1.759 |
| 02.05.2020 | 14:15 | 14:30 | 1.729 |
| 02.05.2020 | 14:30 | 14:45 | 1.747 |
| 02.05.2020 | 14:45 | 15:00 | 1.745 |
| 02.05.2020 | 15:00 | 15:15 | 1.731 |
| 02.05.2020 | 15:15 | 15:30 | 1.775 |
| 02.05.2020 | 15:30 | 15:45 | 1.815 |
| 02.05.2020 | 15:45 | 16:00 | 1.804 |
| 02.05.2020 | 16:00 | 16:15 | 1.767 |
| 02.05.2020 | 16:15 | 16:30 | 1.729 |
| 02.05.2020 | 16:30 | 16:45 | 1.671 |
| 02.05.2020 | 16:45 | 17:00 | 1.643 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.05.2020 | 17:00 | 17:15 | 1.685 |
| 02.05.2020 | 17:15 | 17:30 | 1.729 |
| 02.05.2020 | 17:30 | 17:45 | 1.786 |
| 02.05.2020 | 17:45 | 18:00 | 1.813 |
| 02.05.2020 | 18:00 | 18:15 | 1.846 |
| 02.05.2020 | 18:15 | 18:30 | 1.842 |
| 02.05.2020 | 18:30 | 18:45 | 1.848 |
| 02.05.2020 | 18:45 | 19:00 | 1.883 |
| 02.05.2020 | 19:00 | 19:15 | 1.890 |
| 02.05.2020 | 19:15 | 19:30 | 1.907 |
| 02.05.2020 | 19:30 | 19:45 | 1.921 |
| 02.05.2020 | 19:45 | 20:00 | 1.958 |
| 02.05.2020 | 20:00 | 20:15 | 1.960 |
| 02.05.2020 | 20:15 | 20:30 | 1.920 |
| 02.05.2020 | 20:30 | 20:45 | 1.862 |
| 02.05.2020 | 20:45 | 21:00 | 1.811 |
| 02.05.2020 | 21:00 | 21:15 | 1.603 |
| 02.05.2020 | 21:15 | 21:30 | 1.552 |
| 02.05.2020 | 21:30 | 21:45 | 1.565 |
| 02.05.2020 | 21:45 | 22:00 | 1.531 |
| 02.05.2020 | 22:00 | 22:15 | 1.534 |
| 02.05.2020 | 22:15 | 22:30 | 1.476 |
| 02.05.2020 | 22:30 | 22:45 | 1.423 |
| 02.05.2020 | 22:45 | 23:00 | 1.362 |
| 02.05.2020 | 23:00 | 23:15 | 1.301 |
| 02.05.2020 | 23:15 | 23:30 | 1.251 |
| 02.05.2020 | 23:30 | 23:45 | 1.207 |
| 02.05.2020 | 23:45 | 00:00 | 1.147 |
| 03.05.2020 | 00:00 | 00:15 | 1.116 |
| 03.05.2020 | 00:15 | 00:30 | 1.084 |
| 03.05.2020 | 00:30 | 00:45 | 1.052 |
| 03.05.2020 | 00:45 | 01:00 | 1.026 |
| 03.05.2020 | 01:00 | 01:15 | 998 |
| 03.05.2020 | 01:15 | 01:30 | 971 |
| 03.05.2020 | 01:30 | 01:45 | 953 |
| 03.05.2020 | 01:45 | 02:00 | 940 |
| 03.05.2020 | 02:00 | 02:15 | 929 |
| 03.05.2020 | 02:15 | 02:30 | 922 |
| 03.05.2020 | 02:30 | 02:45 | 908 |
| 03.05.2020 | 02:45 | 03:00 | 904 |
| 03.05.2020 | 03:00 | 03:15 | 907 |
| 03.05.2020 | 03:15 | 03:30 | 905 |
| 03.05.2020 | 03:30 | 03:45 | 901 |
| 03.05.2020 | 03:45 | 04:00 | 892 |
| 03.05.2020 | 04:00 | 04:15 | 886 |
| 03.05.2020 | 04:15 | 04:30 | 885 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.05.2020 | 04:30 | 04:45 | 880 |
| 03.05.2020 | 04:45 | 05:00 | 877 |
| 03.05.2020 | 05:00 | 05:15 | 882 |
| 03.05.2020 | 05:15 | 05:30 | 879 |
| 03.05.2020 | 05:30 | 05:45 | 867 |
| 03.05.2020 | 05:45 | 06:00 | 857 |
| 03.05.2020 | 06:00 | 06:15 | 860 |
| 03.05.2020 | 06:15 | 06:30 | 865 |
| 03.05.2020 | 06:30 | 06:45 | 878 |
| 03.05.2020 | 06:45 | 07:00 | 890 |
| 03.05.2020 | 07:00 | 07:15 | 916 |
| 03.05.2020 | 07:15 | 07:30 | 942 |
| 03.05.2020 | 07:30 | 07:45 | 993 |
| 03.05.2020 | 07:45 | 08:00 | 1.019 |
| 03.05.2020 | 08:00 | 08:15 | 1.058 |
| 03.05.2020 | 08:15 | 08:30 | 1.118 |
| 03.05.2020 | 08:30 | 08:45 | 1.162 |
| 03.05.2020 | 08:45 | 09:00 | 1.199 |
| 03.05.2020 | 09:00 | 09:15 | 1.256 |
| 03.05.2020 | 09:15 | 09:30 | 1.322 |
| 03.05.2020 | 09:30 | 09:45 | 1.367 |
| 03.05.2020 | 09:45 | 10:00 | 1.400 |
| 03.05.2020 | 10:00 | 10:15 | 1.447 |
| 03.05.2020 | 10:15 | 10:30 | 1.481 |
| 03.05.2020 | 10:30 | 10:45 | 1.529 |
| 03.05.2020 | 10:45 | 11:00 | 1.564 |
| 03.05.2020 | 11:00 | 11:15 | 1.598 |
| 03.05.2020 | 11:15 | 11:30 | 1.668 |
| 03.05.2020 | 11:30 | 11:45 | 1.710 |
| 03.05.2020 | 11:45 | 12:00 | 1.754 |
| 03.05.2020 | 12:00 | 12:15 | 1.758 |
| 03.05.2020 | 12:15 | 12:30 | 1.762 |
| 03.05.2020 | 12:30 | 12:45 | 1.755 |
| 03.05.2020 | 12:45 | 13:00 | 1.734 |
| 03.05.2020 | 13:00 | 13:15 | 1.688 |
| 03.05.2020 | 13:15 | 13:30 | 1.661 |
| 03.05.2020 | 13:30 | 13:45 | 1.642 |
| 03.05.2020 | 13:45 | 14:00 | 1.614 |
| 03.05.2020 | 14:00 | 14:15 | 1.602 |
| 03.05.2020 | 14:15 | 14:30 | 1.564 |
| 03.05.2020 | 14:30 | 14:45 | 1.531 |
| 03.05.2020 | 14:45 | 15:00 | 1.515 |
| 03.05.2020 | 15:00 | 15:15 | 1.481 |
| 03.05.2020 | 15:15 | 15:30 | 1.477 |
| 03.05.2020 | 15:30 | 15:45 | 1.512 |
| 03.05.2020 | 15:45 | 16:00 | 1.527 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.05.2020 | 16:00 | 16:15 | 1.518 |
| 03.05.2020 | 16:15 | 16:30 | 1.494 |
| 03.05.2020 | 16:30 | 16:45 | 1.499 |
| 03.05.2020 | 16:45 | 17:00 | 1.496 |
| 03.05.2020 | 17:00 | 17:15 | 1.503 |
| 03.05.2020 | 17:15 | 17:30 | 1.514 |
| 03.05.2020 | 17:30 | 17:45 | 1.558 |
| 03.05.2020 | 17:45 | 18:00 | 1.602 |
| 03.05.2020 | 18:00 | 18:15 | 1.687 |
| 03.05.2020 | 18:15 | 18:30 | 1.721 |
| 03.05.2020 | 18:30 | 18:45 | 1.771 |
| 03.05.2020 | 18:45 | 19:00 | 1.795 |
| 03.05.2020 | 19:00 | 19:15 | 1.803 |
| 03.05.2020 | 19:15 | 19:30 | 1.809 |
| 03.05.2020 | 19:30 | 19:45 | 1.795 |
| 03.05.2020 | 19:45 | 20:00 | 1.801 |
| 03.05.2020 | 20:00 | 20:15 | 1.799 |
| 03.05.2020 | 20:15 | 20:30 | 1.762 |
| 03.05.2020 | 20:30 | 20:45 | 1.742 |
| 03.05.2020 | 20:45 | 21:00 | 1.709 |
| 03.05.2020 | 21:00 | 21:15 | 1.541 |
| 03.05.2020 | 21:15 | 21:30 | 1.519 |
| 03.05.2020 | 21:30 | 21:45 | 1.524 |
| 03.05.2020 | 21:45 | 22:00 | 1.501 |
| 03.05.2020 | 22:00 | 22:15 | 1.501 |
| 03.05.2020 | 22:15 | 22:30 | 1.434 |
| 03.05.2020 | 22:30 | 22:45 | 1.388 |
| 03.05.2020 | 22:45 | 23:00 | 1.327 |
| 03.05.2020 | 23:00 | 23:15 | 1.271 |
| 03.05.2020 | 23:15 | 23:30 | 1.214 |
| 03.05.2020 | 23:30 | 23:45 | 1.161 |
| 03.05.2020 | 23:45 | 00:00 | 1.107 |
| 04.05.2020 | 00:00 | 00:15 | 1.074 |
| 04.05.2020 | 00:15 | 00:30 | 1.045 |
| 04.05.2020 | 00:30 | 00:45 | 1.018 |
| 04.05.2020 | 00:45 | 01:00 | 996 |
| 04.05.2020 | 01:00 | 01:15 | 968 |
| 04.05.2020 | 01:15 | 01:30 | 952 |
| 04.05.2020 | 01:30 | 01:45 | 944 |
| 04.05.2020 | 01:45 | 02:00 | 932 |
| 04.05.2020 | 02:00 | 02:15 | 931 |
| 04.05.2020 | 02:15 | 02:30 | 929 |
| 04.05.2020 | 02:30 | 02:45 | 922 |
| 04.05.2020 | 02:45 | 03:00 | 921 |
| 04.05.2020 | 03:00 | 03:15 | 922 |
| 04.05.2020 | 03:15 | 03:30 | 921 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.05.2020 | 03:30 | 03:45 | 927 |
| 04.05.2020 | 03:45 | 04:00 | 932 |
| 04.05.2020 | 04:00 | 04:15 | 942 |
| 04.05.2020 | 04:15 | 04:30 | 951 |
| 04.05.2020 | 04:30 | 04:45 | 960 |
| 04.05.2020 | 04:45 | 05:00 | 978 |
| 04.05.2020 | 05:00 | 05:15 | 1.027 |
| 04.05.2020 | 05:15 | 05:30 | 1.054 |
| 04.05.2020 | 05:30 | 05:45 | 1.110 |
| 04.05.2020 | 05:45 | 06:00 | 1.140 |
| 04.05.2020 | 06:00 | 06:15 | 1.239 |
| 04.05.2020 | 06:15 | 06:30 | 1.314 |
| 04.05.2020 | 06:30 | 06:45 | 1.394 |
| 04.05.2020 | 06:45 | 07:00 | 1.481 |
| 04.05.2020 | 07:00 | 07:15 | 1.544 |
| 04.05.2020 | 07:15 | 07:30 | 1.633 |
| 04.05.2020 | 07:30 | 07:45 | 1.695 |
| 04.05.2020 | 07:45 | 08:00 | 1.766 |
| 04.05.2020 | 08:00 | 08:15 | 1.857 |
| 04.05.2020 | 08:15 | 08:30 | 1.912 |
| 04.05.2020 | 08:30 | 08:45 | 1.938 |
| 04.05.2020 | 08:45 | 09:00 | 1.974 |
| 04.05.2020 | 09:00 | 09:15 | 2.026 |
| 04.05.2020 | 09:15 | 09:30 | 2.079 |
| 04.05.2020 | 09:30 | 09:45 | 2.117 |
| 04.05.2020 | 09:45 | 10:00 | 2.153 |
| 04.05.2020 | 10:00 | 10:15 | 2.171 |
| 04.05.2020 | 10:15 | 10:30 | 2.195 |
| 04.05.2020 | 10:30 | 10:45 | 2.291 |
| 04.05.2020 | 10:45 | 11:00 | 2.337 |
| 04.05.2020 | 11:00 | 11:15 | 2.373 |
| 04.05.2020 | 11:15 | 11:30 | 2.419 |
| 04.05.2020 | 11:30 | 11:45 | 2.429 |
| 04.05.2020 | 11:45 | 12:00 | 2.461 |
| 04.05.2020 | 12:00 | 12:15 | 2.485 |
| 04.05.2020 | 12:15 | 12:30 | 2.487 |
| 04.05.2020 | 12:30 | 12:45 | 2.518 |
| 04.05.2020 | 12:45 | 13:00 | 2.508 |
| 04.05.2020 | 13:00 | 13:15 | 2.436 |
| 04.05.2020 | 13:15 | 13:30 | 2.387 |
| 04.05.2020 | 13:30 | 13:45 | 2.275 |
| 04.05.2020 | 13:45 | 14:00 | 2.232 |
| 04.05.2020 | 14:00 | 14:15 | 2.193 |
| 04.05.2020 | 14:15 | 14:30 | 2.191 |
| 04.05.2020 | 14:30 | 14:45 | 2.172 |
| 04.05.2020 | 14:45 | 15:00 | 2.126 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.05.2020 | 15:00 | 15:15 | 2.136 |
| 04.05.2020 | 15:15 | 15:30 | 2.097 |
| 04.05.2020 | 15:30 | 15:45 | 2.122 |
| 04.05.2020 | 15:45 | 16:00 | 2.116 |
| 04.05.2020 | 16:00 | 16:15 | 2.105 |
| 04.05.2020 | 16:15 | 16:30 | 2.125 |
| 04.05.2020 | 16:30 | 16:45 | 2.080 |
| 04.05.2020 | 16:45 | 17:00 | 2.082 |
| 04.05.2020 | 17:00 | 17:15 | 2.079 |
| 04.05.2020 | 17:15 | 17:30 | 2.099 |
| 04.05.2020 | 17:30 | 17:45 | 2.085 |
| 04.05.2020 | 17:45 | 18:00 | 2.099 |
| 04.05.2020 | 18:00 | 18:15 | 2.118 |
| 04.05.2020 | 18:15 | 18:30 | 2.149 |
| 04.05.2020 | 18:30 | 18:45 | 2.167 |
| 04.05.2020 | 18:45 | 19:00 | 2.194 |
| 04.05.2020 | 19:00 | 19:15 | 2.176 |
| 04.05.2020 | 19:15 | 19:30 | 2.176 |
| 04.05.2020 | 19:30 | 19:45 | 2.155 |
| 04.05.2020 | 19:45 | 20:00 | 2.146 |
| 04.05.2020 | 20:00 | 20:15 | 2.128 |
| 04.05.2020 | 20:15 | 20:30 | 2.104 |
| 04.05.2020 | 20:30 | 20:45 | 2.125 |
| 04.05.2020 | 20:45 | 21:00 | 2.119 |
| 04.05.2020 | 21:00 | 21:15 | 1.956 |
| 04.05.2020 | 21:15 | 21:30 | 1.815 |
| 04.05.2020 | 21:30 | 21:45 | 1.820 |
| 04.05.2020 | 21:45 | 22:00 | 1.784 |
| 04.05.2020 | 22:00 | 22:15 | 1.730 |
| 04.05.2020 | 22:15 | 22:30 | 1.661 |
| 04.05.2020 | 22:30 | 22:45 | 1.572 |
| 04.05.2020 | 22:45 | 23:00 | 1.522 |
| 04.05.2020 | 23:00 | 23:15 | 1.478 |
| 04.05.2020 | 23:15 | 23:30 | 1.413 |
| 04.05.2020 | 23:30 | 23:45 | 1.348 |
| 04.05.2020 | 23:45 | 00:00 | 1.284 |
| 05.05.2020 | 00:00 | 00:15 | 1.243 |
| 05.05.2020 | 00:15 | 00:30 | 1.184 |
| 05.05.2020 | 00:30 | 00:45 | 1.144 |
| 05.05.2020 | 00:45 | 01:00 | 1.109 |
| 05.05.2020 | 01:00 | 01:15 | 1.078 |
| 05.05.2020 | 01:15 | 01:30 | 1.049 |
| 05.05.2020 | 01:30 | 01:45 | 1.031 |
| 05.05.2020 | 01:45 | 02:00 | 1.022 |
| 05.05.2020 | 02:00 | 02:15 | 1.025 |
| 05.05.2020 | 02:15 | 02:30 | 1.020 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.05.2020 | 02:30 | 02:45 | 1.006 |
| 05.05.2020 | 02:45 | 03:00 | 1.005 |
| 05.05.2020 | 03:00 | 03:15 | 1.006 |
| 05.05.2020 | 03:15 | 03:30 | 1.004 |
| 05.05.2020 | 03:30 | 03:45 | 998 |
| 05.05.2020 | 03:45 | 04:00 | 999 |
| 05.05.2020 | 04:00 | 04:15 | 1.009 |
| 05.05.2020 | 04:15 | 04:30 | 1.036 |
| 05.05.2020 | 04:30 | 04:45 | 1.060 |
| 05.05.2020 | 04:45 | 05:00 | 1.073 |
| 05.05.2020 | 05:00 | 05:15 | 1.110 |
| 05.05.2020 | 05:15 | 05:30 | 1.130 |
| 05.05.2020 | 05:30 | 05:45 | 1.139 |
| 05.05.2020 | 05:45 | 06:00 | 1.200 |
| 05.05.2020 | 06:00 | 06:15 | 1.288 |
| 05.05.2020 | 06:15 | 06:30 | 1.365 |
| 05.05.2020 | 06:30 | 06:45 | 1.425 |
| 05.05.2020 | 06:45 | 07:00 | 1.482 |
| 05.05.2020 | 07:00 | 07:15 | 1.573 |
| 05.05.2020 | 07:15 | 07:30 | 1.691 |
| 05.05.2020 | 07:30 | 07:45 | 1.771 |
| 05.05.2020 | 07:45 | 08:00 | 1.845 |
| 05.05.2020 | 08:00 | 08:15 | 1.879 |
| 05.05.2020 | 08:15 | 08:30 | 1.947 |
| 05.05.2020 | 08:30 | 08:45 | 1.929 |
| 05.05.2020 | 08:45 | 09:00 | 1.939 |
| 05.05.2020 | 09:00 | 09:15 | 1.999 |
| 05.05.2020 | 09:15 | 09:30 | 2.044 |
| 05.05.2020 | 09:30 | 09:45 | 2.102 |
| 05.05.2020 | 09:45 | 10:00 | 2.102 |
| 05.05.2020 | 10:00 | 10:15 | 2.135 |
| 05.05.2020 | 10:15 | 10:30 | 2.153 |
| 05.05.2020 | 10:30 | 10:45 | 2.194 |
| 05.05.2020 | 10:45 | 11:00 | 2.214 |
| 05.05.2020 | 11:00 | 11:15 | 2.204 |
| 05.05.2020 | 11:15 | 11:30 | 2.249 |
| 05.05.2020 | 11:30 | 11:45 | 2.326 |
| 05.05.2020 | 11:45 | 12:00 | 2.358 |
| 05.05.2020 | 12:00 | 12:15 | 2.371 |
| 05.05.2020 | 12:15 | 12:30 | 2.350 |
| 05.05.2020 | 12:30 | 12:45 | 2.376 |
| 05.05.2020 | 12:45 | 13:00 | 2.367 |
| 05.05.2020 | 13:00 | 13:15 | 2.339 |
| 05.05.2020 | 13:15 | 13:30 | 2.327 |
| 05.05.2020 | 13:30 | 13:45 | 2.247 |
| 05.05.2020 | 13:45 | 14:00 | 2.231 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.05.2020 | 14:00 | 14:15 | 2.186 |
| 05.05.2020 | 14:15 | 14:30 | 2.210 |
| 05.05.2020 | 14:30 | 14:45 | 2.207 |
| 05.05.2020 | 14:45 | 15:00 | 2.096 |
| 05.05.2020 | 15:00 | 15:15 | 2.027 |
| 05.05.2020 | 15:15 | 15:30 | 1.989 |
| 05.05.2020 | 15:30 | 15:45 | 1.970 |
| 05.05.2020 | 15:45 | 16:00 | 1.949 |
| 05.05.2020 | 16:00 | 16:15 | 1.917 |
| 05.05.2020 | 16:15 | 16:30 | 1.972 |
| 05.05.2020 | 16:30 | 16:45 | 1.969 |
| 05.05.2020 | 16:45 | 17:00 | 2.003 |
| 05.05.2020 | 17:00 | 17:15 | 2.016 |
| 05.05.2020 | 17:15 | 17:30 | 1.984 |
| 05.05.2020 | 17:30 | 17:45 | 1.992 |
| 05.05.2020 | 17:45 | 18:00 | 2.032 |
| 05.05.2020 | 18:00 | 18:15 | 2.038 |
| 05.05.2020 | 18:15 | 18:30 | 2.045 |
| 05.05.2020 | 18:30 | 18:45 | 2.081 |
| 05.05.2020 | 18:45 | 19:00 | 2.103 |
| 05.05.2020 | 19:00 | 19:15 | 2.117 |
| 05.05.2020 | 19:15 | 19:30 | 2.113 |
| 05.05.2020 | 19:30 | 19:45 | 2.112 |
| 05.05.2020 | 19:45 | 20:00 | 2.116 |
| 05.05.2020 | 20:00 | 20:15 | 2.120 |
| 05.05.2020 | 20:15 | 20:30 | 2.132 |
| 05.05.2020 | 20:30 | 20:45 | 2.129 |
| 05.05.2020 | 20:45 | 21:00 | 2.101 |
| 05.05.2020 | 21:00 | 21:15 | 1.894 |
| 05.05.2020 | 21:15 | 21:30 | 1.746 |
| 05.05.2020 | 21:30 | 21:45 | 1.793 |
| 05.05.2020 | 21:45 | 22:00 | 1.771 |
| 05.05.2020 | 22:00 | 22:15 | 1.715 |
| 05.05.2020 | 22:15 | 22:30 | 1.687 |
| 05.05.2020 | 22:30 | 22:45 | 1.564 |
| 05.05.2020 | 22:45 | 23:00 | 1.490 |
| 05.05.2020 | 23:00 | 23:15 | 1.423 |
| 05.05.2020 | 23:15 | 23:30 | 1.373 |
| 05.05.2020 | 23:30 | 23:45 | 1.306 |
| 05.05.2020 | 23:45 | 00:00 | 1.251 |
| 06.05.2020 | 00:00 | 00:15 | 1.204 |
| 06.05.2020 | 00:15 | 00:30 | 1.163 |
| 06.05.2020 | 00:30 | 00:45 | 1.132 |
| 06.05.2020 | 00:45 | 01:00 | 1.110 |
| 06.05.2020 | 01:00 | 01:15 | 1.082 |
| 06.05.2020 | 01:15 | 01:30 | 1.055 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.05.2020 | 01:30 | 01:45 | 1.030 |
| 06.05.2020 | 01:45 | 02:00 | 1.024 |
| 06.05.2020 | 02:00 | 02:15 | 1.017 |
| 06.05.2020 | 02:15 | 02:30 | 1.002 |
| 06.05.2020 | 02:30 | 02:45 | 996 |
| 06.05.2020 | 02:45 | 03:00 | 1.002 |
| 06.05.2020 | 03:00 | 03:15 | 1.008 |
| 06.05.2020 | 03:15 | 03:30 | 986 |
| 06.05.2020 | 03:30 | 03:45 | 984 |
| 06.05.2020 | 03:45 | 04:00 | 994 |
| 06.05.2020 | 04:00 | 04:15 | 1.012 |
| 06.05.2020 | 04:15 | 04:30 | 1.035 |
| 06.05.2020 | 04:30 | 04:45 | 1.056 |
| 06.05.2020 | 04:45 | 05:00 | 1.078 |
| 06.05.2020 | 05:00 | 05:15 | 1.107 |
| 06.05.2020 | 05:15 | 05:30 | 1.144 |
| 06.05.2020 | 05:30 | 05:45 | 1.173 |
| 06.05.2020 | 05:45 | 06:00 | 1.235 |
| 06.05.2020 | 06:00 | 06:15 | 1.303 |
| 06.05.2020 | 06:15 | 06:30 | 1.384 |
| 06.05.2020 | 06:30 | 06:45 | 1.447 |
| 06.05.2020 | 06:45 | 07:00 | 1.521 |
| 06.05.2020 | 07:00 | 07:15 | 1.597 |
| 06.05.2020 | 07:15 | 07:30 | 1.672 |
| 06.05.2020 | 07:30 | 07:45 | 1.751 |
| 06.05.2020 | 07:45 | 08:00 | 1.812 |
| 06.05.2020 | 08:00 | 08:15 | 1.895 |
| 06.05.2020 | 08:15 | 08:30 | 1.974 |
| 06.05.2020 | 08:30 | 08:45 | 2.028 |
| 06.05.2020 | 08:45 | 09:00 | 2.069 |
| 06.05.2020 | 09:00 | 09:15 | 2.019 |
| 06.05.2020 | 09:15 | 09:30 | 2.095 |
| 06.05.2020 | 09:30 | 09:45 | 2.090 |
| 06.05.2020 | 09:45 | 10:00 | 2.140 |
| 06.05.2020 | 10:00 | 10:15 | 2.206 |
| 06.05.2020 | 10:15 | 10:30 | 2.202 |
| 06.05.2020 | 10:30 | 10:45 | 2.154 |
| 06.05.2020 | 10:45 | 11:00 | 2.194 |
| 06.05.2020 | 11:00 | 11:15 | 2.245 |
| 06.05.2020 | 11:15 | 11:30 | 2.304 |
| 06.05.2020 | 11:30 | 11:45 | 2.360 |
| 06.05.2020 | 11:45 | 12:00 | 2.361 |
| 06.05.2020 | 12:00 | 12:15 | 2.297 |
| 06.05.2020 | 12:15 | 12:30 | 2.297 |
| 06.05.2020 | 12:30 | 12:45 | 2.292 |
| 06.05.2020 | 12:45 | 13:00 | 2.273 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.05.2020 | 13:00 | 13:15 | 2.239 |
| 06.05.2020 | 13:15 | 13:30 | 2.218 |
| 06.05.2020 | 13:30 | 13:45 | 2.192 |
| 06.05.2020 | 13:45 | 14:00 | 2.188 |
| 06.05.2020 | 14:00 | 14:15 | 2.166 |
| 06.05.2020 | 14:15 | 14:30 | 2.156 |
| 06.05.2020 | 14:30 | 14:45 | 2.137 |
| 06.05.2020 | 14:45 | 15:00 | 2.191 |
| 06.05.2020 | 15:00 | 15:15 | 2.227 |
| 06.05.2020 | 15:15 | 15:30 | 2.190 |
| 06.05.2020 | 15:30 | 15:45 | 2.189 |
| 06.05.2020 | 15:45 | 16:00 | 2.131 |
| 06.05.2020 | 16:00 | 16:15 | 2.095 |
| 06.05.2020 | 16:15 | 16:30 | 2.124 |
| 06.05.2020 | 16:30 | 16:45 | 2.059 |
| 06.05.2020 | 16:45 | 17:00 | 2.017 |
| 06.05.2020 | 17:00 | 17:15 | 1.958 |
| 06.05.2020 | 17:15 | 17:30 | 1.936 |
| 06.05.2020 | 17:30 | 17:45 | 1.951 |
| 06.05.2020 | 17:45 | 18:00 | 1.966 |
| 06.05.2020 | 18:00 | 18:15 | 1.982 |
| 06.05.2020 | 18:15 | 18:30 | 2.029 |
| 06.05.2020 | 18:30 | 18:45 | 2.075 |
| 06.05.2020 | 18:45 | 19:00 | 2.115 |
| 06.05.2020 | 19:00 | 19:15 | 2.102 |
| 06.05.2020 | 19:15 | 19:30 | 2.114 |
| 06.05.2020 | 19:30 | 19:45 | 2.112 |
| 06.05.2020 | 19:45 | 20:00 | 2.093 |
| 06.05.2020 | 20:00 | 20:15 | 2.077 |
| 06.05.2020 | 20:15 | 20:30 | 2.071 |
| 06.05.2020 | 20:30 | 20:45 | 2.035 |
| 06.05.2020 | 20:45 | 21:00 | 2.014 |
| 06.05.2020 | 21:00 | 21:15 | 1.880 |
| 06.05.2020 | 21:15 | 21:30 | 1.744 |
| 06.05.2020 | 21:30 | 21:45 | 1.774 |
| 06.05.2020 | 21:45 | 22:00 | 1.769 |
| 06.05.2020 | 22:00 | 22:15 | 1.720 |
| 06.05.2020 | 22:15 | 22:30 | 1.639 |
| 06.05.2020 | 22:30 | 22:45 | 1.558 |
| 06.05.2020 | 22:45 | 23:00 | 1.477 |
| 06.05.2020 | 23:00 | 23:15 | 1.424 |
| 06.05.2020 | 23:15 | 23:30 | 1.364 |
| 06.05.2020 | 23:30 | 23:45 | 1.314 |
| 06.05.2020 | 23:45 | 00:00 | 1.259 |
| 07.05.2020 | 00:00 | 00:15 | 1.210 |
| 07.05.2020 | 00:15 | 00:30 | 1.174 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.05.2020 | 00:30 | 00:45 | 1.149 |
| 07.05.2020 | 00:45 | 01:00 | 1.104 |
| 07.05.2020 | 01:00 | 01:15 | 1.076 |
| 07.05.2020 | 01:15 | 01:30 | 1.044 |
| 07.05.2020 | 01:30 | 01:45 | 1.022 |
| 07.05.2020 | 01:45 | 02:00 | 1.013 |
| 07.05.2020 | 02:00 | 02:15 | 1.008 |
| 07.05.2020 | 02:15 | 02:30 | 1.001 |
| 07.05.2020 | 02:30 | 02:45 | 997 |
| 07.05.2020 | 02:45 | 03:00 | 996 |
| 07.05.2020 | 03:00 | 03:15 | 990 |
| 07.05.2020 | 03:15 | 03:30 | 987 |
| 07.05.2020 | 03:30 | 03:45 | 984 |
| 07.05.2020 | 03:45 | 04:00 | 979 |
| 07.05.2020 | 04:00 | 04:15 | 993 |
| 07.05.2020 | 04:15 | 04:30 | 1.024 |
| 07.05.2020 | 04:30 | 04:45 | 1.039 |
| 07.05.2020 | 04:45 | 05:00 | 1.058 |
| 07.05.2020 | 05:00 | 05:15 | 1.107 |
| 07.05.2020 | 05:15 | 05:30 | 1.134 |
| 07.05.2020 | 05:30 | 05:45 | 1.153 |
| 07.05.2020 | 05:45 | 06:00 | 1.223 |
| 07.05.2020 | 06:00 | 06:15 | 1.305 |
| 07.05.2020 | 06:15 | 06:30 | 1.393 |
| 07.05.2020 | 06:30 | 06:45 | 1.457 |
| 07.05.2020 | 06:45 | 07:00 | 1.520 |
| 07.05.2020 | 07:00 | 07:15 | 1.591 |
| 07.05.2020 | 07:15 | 07:30 | 1.645 |
| 07.05.2020 | 07:30 | 07:45 | 1.710 |
| 07.05.2020 | 07:45 | 08:00 | 1.775 |
| 07.05.2020 | 08:00 | 08:15 | 1.850 |
| 07.05.2020 | 08:15 | 08:30 | 1.884 |
| 07.05.2020 | 08:30 | 08:45 | 1.922 |
| 07.05.2020 | 08:45 | 09:00 | 1.970 |
| 07.05.2020 | 09:00 | 09:15 | 2.038 |
| 07.05.2020 | 09:15 | 09:30 | 2.104 |
| 07.05.2020 | 09:30 | 09:45 | 2.093 |
| 07.05.2020 | 09:45 | 10:00 | 2.145 |
| 07.05.2020 | 10:00 | 10:15 | 2.205 |
| 07.05.2020 | 10:15 | 10:30 | 2.190 |
| 07.05.2020 | 10:30 | 10:45 | 2.195 |
| 07.05.2020 | 10:45 | 11:00 | 2.216 |
| 07.05.2020 | 11:00 | 11:15 | 2.227 |
| 07.05.2020 | 11:15 | 11:30 | 2.256 |
| 07.05.2020 | 11:30 | 11:45 | 2.251 |
| 07.05.2020 | 11:45 | 12:00 | 2.302 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.05.2020 | 12:00 | 12:15 | 2.354 |
| 07.05.2020 | 12:15 | 12:30 | 2.348 |
| 07.05.2020 | 12:30 | 12:45 | 2.342 |
| 07.05.2020 | 12:45 | 13:00 | 2.327 |
| 07.05.2020 | 13:00 | 13:15 | 2.271 |
| 07.05.2020 | 13:15 | 13:30 | 2.224 |
| 07.05.2020 | 13:30 | 13:45 | 2.145 |
| 07.05.2020 | 13:45 | 14:00 | 2.121 |
| 07.05.2020 | 14:00 | 14:15 | 2.139 |
| 07.05.2020 | 14:15 | 14:30 | 2.200 |
| 07.05.2020 | 14:30 | 14:45 | 2.165 |
| 07.05.2020 | 14:45 | 15:00 | 2.110 |
| 07.05.2020 | 15:00 | 15:15 | 2.151 |
| 07.05.2020 | 15:15 | 15:30 | 2.121 |
| 07.05.2020 | 15:30 | 15:45 | 2.102 |
| 07.05.2020 | 15:45 | 16:00 | 2.108 |
| 07.05.2020 | 16:00 | 16:15 | 2.113 |
| 07.05.2020 | 16:15 | 16:30 | 2.125 |
| 07.05.2020 | 16:30 | 16:45 | 2.114 |
| 07.05.2020 | 16:45 | 17:00 | 2.123 |
| 07.05.2020 | 17:00 | 17:15 | 2.125 |
| 07.05.2020 | 17:15 | 17:30 | 2.120 |
| 07.05.2020 | 17:30 | 17:45 | 2.137 |
| 07.05.2020 | 17:45 | 18:00 | 2.141 |
| 07.05.2020 | 18:00 | 18:15 | 2.129 |
| 07.05.2020 | 18:15 | 18:30 | 2.115 |
| 07.05.2020 | 18:30 | 18:45 | 2.139 |
| 07.05.2020 | 18:45 | 19:00 | 2.155 |
| 07.05.2020 | 19:00 | 19:15 | 2.138 |
| 07.05.2020 | 19:15 | 19:30 | 2.118 |
| 07.05.2020 | 19:30 | 19:45 | 2.143 |
| 07.05.2020 | 19:45 | 20:00 | 2.149 |
| 07.05.2020 | 20:00 | 20:15 | 2.125 |
| 07.05.2020 | 20:15 | 20:30 | 2.111 |
| 07.05.2020 | 20:30 | 20:45 | 2.115 |
| 07.05.2020 | 20:45 | 21:00 | 2.099 |
| 07.05.2020 | 21:00 | 21:15 | 1.986 |
| 07.05.2020 | 21:15 | 21:30 | 1.810 |
| 07.05.2020 | 21:30 | 21:45 | 1.832 |
| 07.05.2020 | 21:45 | 22:00 | 1.759 |
| 07.05.2020 | 22:00 | 22:15 | 1.722 |
| 07.05.2020 | 22:15 | 22:30 | 1.687 |
| 07.05.2020 | 22:30 | 22:45 | 1.585 |
| 07.05.2020 | 22:45 | 23:00 | 1.532 |
| 07.05.2020 | 23:00 | 23:15 | 1.449 |
| 07.05.2020 | 23:15 | 23:30 | 1.403 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.05.2020 | 23:30 | 23:45 | 1.347 |
| 07.05.2020 | 23:45 | 00:00 | 1.281 |
| 08.05.2020 | 00:00 | 00:15 | 1.243 |
| 08.05.2020 | 00:15 | 00:30 | 1.214 |
| 08.05.2020 | 00:30 | 00:45 | 1.175 |
| 08.05.2020 | 00:45 | 01:00 | 1.155 |
| 08.05.2020 | 01:00 | 01:15 | 1.126 |
| 08.05.2020 | 01:15 | 01:30 | 1.098 |
| 08.05.2020 | 01:30 | 01:45 | 1.087 |
| 08.05.2020 | 01:45 | 02:00 | 1.064 |
| 08.05.2020 | 02:00 | 02:15 | 1.060 |
| 08.05.2020 | 02:15 | 02:30 | 1.052 |
| 08.05.2020 | 02:30 | 02:45 | 1.048 |
| 08.05.2020 | 02:45 | 03:00 | 1.049 |
| 08.05.2020 | 03:00 | 03:15 | 1.048 |
| 08.05.2020 | 03:15 | 03:30 | 1.030 |
| 08.05.2020 | 03:30 | 03:45 | 1.024 |
| 08.05.2020 | 03:45 | 04:00 | 1.016 |
| 08.05.2020 | 04:00 | 04:15 | 1.029 |
| 08.05.2020 | 04:15 | 04:30 | 1.044 |
| 08.05.2020 | 04:30 | 04:45 | 1.064 |
| 08.05.2020 | 04:45 | 05:00 | 1.084 |
| 08.05.2020 | 05:00 | 05:15 | 1.126 |
| 08.05.2020 | 05:15 | 05:30 | 1.141 |
| 08.05.2020 | 05:30 | 05:45 | 1.160 |
| 08.05.2020 | 05:45 | 06:00 | 1.220 |
| 08.05.2020 | 06:00 | 06:15 | 1.289 |
| 08.05.2020 | 06:15 | 06:30 | 1.362 |
| 08.05.2020 | 06:30 | 06:45 | 1.425 |
| 08.05.2020 | 06:45 | 07:00 | 1.497 |
| 08.05.2020 | 07:00 | 07:15 | 1.572 |
| 08.05.2020 | 07:15 | 07:30 | 1.635 |
| 08.05.2020 | 07:30 | 07:45 | 1.690 |
| 08.05.2020 | 07:45 | 08:00 | 1.753 |
| 08.05.2020 | 08:00 | 08:15 | 1.823 |
| 08.05.2020 | 08:15 | 08:30 | 1.884 |
| 08.05.2020 | 08:30 | 08:45 | 1.894 |
| 08.05.2020 | 08:45 | 09:00 | 1.952 |
| 08.05.2020 | 09:00 | 09:15 | 1.994 |
| 08.05.2020 | 09:15 | 09:30 | 2.019 |
| 08.05.2020 | 09:30 | 09:45 | 2.025 |
| 08.05.2020 | 09:45 | 10:00 | 2.045 |
| 08.05.2020 | 10:00 | 10:15 | 2.100 |
| 08.05.2020 | 10:15 | 10:30 | 2.125 |
| 08.05.2020 | 10:30 | 10:45 | 2.167 |
| 08.05.2020 | 10:45 | 11:00 | 2.161 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.05.2020 | 11:00 | 11:15 | 2.146 |
| 08.05.2020 | 11:15 | 11:30 | 2.195 |
| 08.05.2020 | 11:30 | 11:45 | 2.225 |
| 08.05.2020 | 11:45 | 12:00 | 2.260 |
| 08.05.2020 | 12:00 | 12:15 | 2.263 |
| 08.05.2020 | 12:15 | 12:30 | 2.264 |
| 08.05.2020 | 12:30 | 12:45 | 2.256 |
| 08.05.2020 | 12:45 | 13:00 | 2.255 |
| 08.05.2020 | 13:00 | 13:15 | 2.261 |
| 08.05.2020 | 13:15 | 13:30 | 2.222 |
| 08.05.2020 | 13:30 | 13:45 | 2.196 |
| 08.05.2020 | 13:45 | 14:00 | 2.191 |
| 08.05.2020 | 14:00 | 14:15 | 2.151 |
| 08.05.2020 | 14:15 | 14:30 | 2.107 |
| 08.05.2020 | 14:30 | 14:45 | 2.058 |
| 08.05.2020 | 14:45 | 15:00 | 2.031 |
| 08.05.2020 | 15:00 | 15:15 | 2.044 |
| 08.05.2020 | 15:15 | 15:30 | 2.036 |
| 08.05.2020 | 15:30 | 15:45 | 2.028 |
| 08.05.2020 | 15:45 | 16:00 | 2.030 |
| 08.05.2020 | 16:00 | 16:15 | 2.032 |
| 08.05.2020 | 16:15 | 16:30 | 2.031 |
| 08.05.2020 | 16:30 | 16:45 | 2.024 |
| 08.05.2020 | 16:45 | 17:00 | 2.031 |
| 08.05.2020 | 17:00 | 17:15 | 2.025 |
| 08.05.2020 | 17:15 | 17:30 | 2.027 |
| 08.05.2020 | 17:30 | 17:45 | 2.028 |
| 08.05.2020 | 17:45 | 18:00 | 2.032 |
| 08.05.2020 | 18:00 | 18:15 | 2.045 |
| 08.05.2020 | 18:15 | 18:30 | 2.077 |
| 08.05.2020 | 18:30 | 18:45 | 2.094 |
| 08.05.2020 | 18:45 | 19:00 | 2.134 |
| 08.05.2020 | 19:00 | 19:15 | 2.121 |
| 08.05.2020 | 19:15 | 19:30 | 2.100 |
| 08.05.2020 | 19:30 | 19:45 | 2.075 |
| 08.05.2020 | 19:45 | 20:00 | 2.059 |
| 08.05.2020 | 20:00 | 20:15 | 2.045 |
| 08.05.2020 | 20:15 | 20:30 | 2.079 |
| 08.05.2020 | 20:30 | 20:45 | 2.038 |
| 08.05.2020 | 20:45 | 21:00 | 1.985 |
| 08.05.2020 | 21:00 | 21:15 | 1.889 |
| 08.05.2020 | 21:15 | 21:30 | 1.704 |
| 08.05.2020 | 21:30 | 21:45 | 1.712 |
| 08.05.2020 | 21:45 | 22:00 | 1.686 |
| 08.05.2020 | 22:00 | 22:15 | 1.646 |
| 08.05.2020 | 22:15 | 22:30 | 1.594 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.05.2020 | 22:30 | 22:45 | 1.542 |
| 08.05.2020 | 22:45 | 23:00 | 1.480 |
| 08.05.2020 | 23:00 | 23:15 | 1.421 |
| 08.05.2020 | 23:15 | 23:30 | 1.365 |
| 08.05.2020 | 23:30 | 23:45 | 1.312 |
| 08.05.2020 | 23:45 | 00:00 | 1.259 |
| 09.05.2020 | 00:00 | 00:15 | 1.195 |
| 09.05.2020 | 00:15 | 00:30 | 1.162 |
| 09.05.2020 | 00:30 | 00:45 | 1.126 |
| 09.05.2020 | 00:45 | 01:00 | 1.089 |
| 09.05.2020 | 01:00 | 01:15 | 1.066 |
| 09.05.2020 | 01:15 | 01:30 | 1.044 |
| 09.05.2020 | 01:30 | 01:45 | 1.035 |
| 09.05.2020 | 01:45 | 02:00 | 1.024 |
| 09.05.2020 | 02:00 | 02:15 | 1.020 |
| 09.05.2020 | 02:15 | 02:30 | 999 |
| 09.05.2020 | 02:30 | 02:45 | 984 |
| 09.05.2020 | 02:45 | 03:00 | 973 |
| 09.05.2020 | 03:00 | 03:15 | 975 |
| 09.05.2020 | 03:15 | 03:30 | 968 |
| 09.05.2020 | 03:30 | 03:45 | 951 |
| 09.05.2020 | 03:45 | 04:00 | 948 |
| 09.05.2020 | 04:00 | 04:15 | 955 |
| 09.05.2020 | 04:15 | 04:30 | 947 |
| 09.05.2020 | 04:30 | 04:45 | 939 |
| 09.05.2020 | 04:45 | 05:00 | 953 |
| 09.05.2020 | 05:00 | 05:15 | 961 |
| 09.05.2020 | 05:15 | 05:30 | 952 |
| 09.05.2020 | 05:30 | 05:45 | 938 |
| 09.05.2020 | 05:45 | 06:00 | 952 |
| 09.05.2020 | 06:00 | 06:15 | 962 |
| 09.05.2020 | 06:15 | 06:30 | 986 |
| 09.05.2020 | 06:30 | 06:45 | 1.016 |
| 09.05.2020 | 06:45 | 07:00 | 1.028 |
| 09.05.2020 | 07:00 | 07:15 | 1.065 |
| 09.05.2020 | 07:15 | 07:30 | 1.099 |
| 09.05.2020 | 07:30 | 07:45 | 1.151 |
| 09.05.2020 | 07:45 | 08:00 | 1.213 |
| 09.05.2020 | 08:00 | 08:15 | 1.258 |
| 09.05.2020 | 08:15 | 08:30 | 1.322 |
| 09.05.2020 | 08:30 | 08:45 | 1.381 |
| 09.05.2020 | 08:45 | 09:00 | 1.432 |
| 09.05.2020 | 09:00 | 09:15 | 1.478 |
| 09.05.2020 | 09:15 | 09:30 | 1.566 |
| 09.05.2020 | 09:30 | 09:45 | 1.625 |
| 09.05.2020 | 09:45 | 10:00 | 1.667 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.05.2020 | 10:00 | 10:15 | 1.695 |
| 09.05.2020 | 10:15 | 10:30 | 1.724 |
| 09.05.2020 | 10:30 | 10:45 | 1.740 |
| 09.05.2020 | 10:45 | 11:00 | 1.767 |
| 09.05.2020 | 11:00 | 11:15 | 1.780 |
| 09.05.2020 | 11:15 | 11:30 | 1.804 |
| 09.05.2020 | 11:30 | 11:45 | 1.828 |
| 09.05.2020 | 11:45 | 12:00 | 1.830 |
| 09.05.2020 | 12:00 | 12:15 | 1.831 |
| 09.05.2020 | 12:15 | 12:30 | 1.835 |
| 09.05.2020 | 12:30 | 12:45 | 1.815 |
| 09.05.2020 | 12:45 | 13:00 | 1.813 |
| 09.05.2020 | 13:00 | 13:15 | 1.797 |
| 09.05.2020 | 13:15 | 13:30 | 1.753 |
| 09.05.2020 | 13:30 | 13:45 | 1.754 |
| 09.05.2020 | 13:45 | 14:00 | 1.774 |
| 09.05.2020 | 14:00 | 14:15 | 1.725 |
| 09.05.2020 | 14:15 | 14:30 | 1.702 |
| 09.05.2020 | 14:30 | 14:45 | 1.675 |
| 09.05.2020 | 14:45 | 15:00 | 1.641 |
| 09.05.2020 | 15:00 | 15:15 | 1.619 |
| 09.05.2020 | 15:15 | 15:30 | 1.596 |
| 09.05.2020 | 15:30 | 15:45 | 1.564 |
| 09.05.2020 | 15:45 | 16:00 | 1.535 |
| 09.05.2020 | 16:00 | 16:15 | 1.526 |
| 09.05.2020 | 16:15 | 16:30 | 1.512 |
| 09.05.2020 | 16:30 | 16:45 | 1.511 |
| 09.05.2020 | 16:45 | 17:00 | 1.565 |
| 09.05.2020 | 17:00 | 17:15 | 1.597 |
| 09.05.2020 | 17:15 | 17:30 | 1.620 |
| 09.05.2020 | 17:30 | 17:45 | 1.651 |
| 09.05.2020 | 17:45 | 18:00 | 1.660 |
| 09.05.2020 | 18:00 | 18:15 | 1.698 |
| 09.05.2020 | 18:15 | 18:30 | 1.707 |
| 09.05.2020 | 18:30 | 18:45 | 1.724 |
| 09.05.2020 | 18:45 | 19:00 | 1.723 |
| 09.05.2020 | 19:00 | 19:15 | 1.705 |
| 09.05.2020 | 19:15 | 19:30 | 1.714 |
| 09.05.2020 | 19:30 | 19:45 | 1.713 |
| 09.05.2020 | 19:45 | 20:00 | 1.708 |
| 09.05.2020 | 20:00 | 20:15 | 1.713 |
| 09.05.2020 | 20:15 | 20:30 | 1.720 |
| 09.05.2020 | 20:30 | 20:45 | 1.705 |
| 09.05.2020 | 20:45 | 21:00 | 1.704 |
| 09.05.2020 | 21:00 | 21:15 | 1.646 |
| 09.05.2020 | 21:15 | 21:30 | 1.498 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.05.2020 | 21:30 | 21:45 | 1.537 |
| 09.05.2020 | 21:45 | 22:00 | 1.527 |
| 09.05.2020 | 22:00 | 22:15 | 1.536 |
| 09.05.2020 | 22:15 | 22:30 | 1.482 |
| 09.05.2020 | 22:30 | 22:45 | 1.414 |
| 09.05.2020 | 22:45 | 23:00 | 1.367 |
| 09.05.2020 | 23:00 | 23:15 | 1.309 |
| 09.05.2020 | 23:15 | 23:30 | 1.262 |
| 09.05.2020 | 23:30 | 23:45 | 1.197 |
| 09.05.2020 | 23:45 | 00:00 | 1.141 |
| 10.05.2020 | 00:00 | 00:15 | 1.098 |
| 10.05.2020 | 00:15 | 00:30 | 1.050 |
| 10.05.2020 | 00:30 | 00:45 | 1.023 |
| 10.05.2020 | 00:45 | 01:00 | 997 |
| 10.05.2020 | 01:00 | 01:15 | 972 |
| 10.05.2020 | 01:15 | 01:30 | 955 |
| 10.05.2020 | 01:30 | 01:45 | 938 |
| 10.05.2020 | 01:45 | 02:00 | 925 |
| 10.05.2020 | 02:00 | 02:15 | 916 |
| 10.05.2020 | 02:15 | 02:30 | 907 |
| 10.05.2020 | 02:30 | 02:45 | 894 |
| 10.05.2020 | 02:45 | 03:00 | 891 |
| 10.05.2020 | 03:00 | 03:15 | 897 |
| 10.05.2020 | 03:15 | 03:30 | 898 |
| 10.05.2020 | 03:30 | 03:45 | 888 |
| 10.05.2020 | 03:45 | 04:00 | 878 |
| 10.05.2020 | 04:00 | 04:15 | 873 |
| 10.05.2020 | 04:15 | 04:30 | 867 |
| 10.05.2020 | 04:30 | 04:45 | 861 |
| 10.05.2020 | 04:45 | 05:00 | 873 |
| 10.05.2020 | 05:00 | 05:15 | 878 |
| 10.05.2020 | 05:15 | 05:30 | 846 |
| 10.05.2020 | 05:30 | 05:45 | 842 |
| 10.05.2020 | 05:45 | 06:00 | 844 |
| 10.05.2020 | 06:00 | 06:15 | 854 |
| 10.05.2020 | 06:15 | 06:30 | 864 |
| 10.05.2020 | 06:30 | 06:45 | 881 |
| 10.05.2020 | 06:45 | 07:00 | 898 |
| 10.05.2020 | 07:00 | 07:15 | 916 |
| 10.05.2020 | 07:15 | 07:30 | 943 |
| 10.05.2020 | 07:30 | 07:45 | 998 |
| 10.05.2020 | 07:45 | 08:00 | 1.049 |
| 10.05.2020 | 08:00 | 08:15 | 1.110 |
| 10.05.2020 | 08:15 | 08:30 | 1.164 |
| 10.05.2020 | 08:30 | 08:45 | 1.226 |
| 10.05.2020 | 08:45 | 09:00 | 1.243 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.05.2020 | 09:00 | 09:15 | 1.297 |
| 10.05.2020 | 09:15 | 09:30 | 1.343 |
| 10.05.2020 | 09:30 | 09:45 | 1.383 |
| 10.05.2020 | 09:45 | 10:00 | 1.436 |
| 10.05.2020 | 10:00 | 10:15 | 1.480 |
| 10.05.2020 | 10:15 | 10:30 | 1.532 |
| 10.05.2020 | 10:30 | 10:45 | 1.577 |
| 10.05.2020 | 10:45 | 11:00 | 1.594 |
| 10.05.2020 | 11:00 | 11:15 | 1.626 |
| 10.05.2020 | 11:15 | 11:30 | 1.679 |
| 10.05.2020 | 11:30 | 11:45 | 1.729 |
| 10.05.2020 | 11:45 | 12:00 | 1.754 |
| 10.05.2020 | 12:00 | 12:15 | 1.761 |
| 10.05.2020 | 12:15 | 12:30 | 1.815 |
| 10.05.2020 | 12:30 | 12:45 | 1.828 |
| 10.05.2020 | 12:45 | 13:00 | 1.826 |
| 10.05.2020 | 13:00 | 13:15 | 1.762 |
| 10.05.2020 | 13:15 | 13:30 | 1.757 |
| 10.05.2020 | 13:30 | 13:45 | 1.736 |
| 10.05.2020 | 13:45 | 14:00 | 1.673 |
| 10.05.2020 | 14:00 | 14:15 | 1.608 |
| 10.05.2020 | 14:15 | 14:30 | 1.574 |
| 10.05.2020 | 14:30 | 14:45 | 1.537 |
| 10.05.2020 | 14:45 | 15:00 | 1.521 |
| 10.05.2020 | 15:00 | 15:15 | 1.516 |
| 10.05.2020 | 15:15 | 15:30 | 1.488 |
| 10.05.2020 | 15:30 | 15:45 | 1.460 |
| 10.05.2020 | 15:45 | 16:00 | 1.458 |
| 10.05.2020 | 16:00 | 16:15 | 1.454 |
| 10.05.2020 | 16:15 | 16:30 | 1.439 |
| 10.05.2020 | 16:30 | 16:45 | 1.445 |
| 10.05.2020 | 16:45 | 17:00 | 1.449 |
| 10.05.2020 | 17:00 | 17:15 | 1.485 |
| 10.05.2020 | 17:15 | 17:30 | 1.504 |
| 10.05.2020 | 17:30 | 17:45 | 1.527 |
| 10.05.2020 | 17:45 | 18:00 | 1.580 |
| 10.05.2020 | 18:00 | 18:15 | 1.606 |
| 10.05.2020 | 18:15 | 18:30 | 1.605 |
| 10.05.2020 | 18:30 | 18:45 | 1.639 |
| 10.05.2020 | 18:45 | 19:00 | 1.674 |
| 10.05.2020 | 19:00 | 19:15 | 1.691 |
| 10.05.2020 | 19:15 | 19:30 | 1.699 |
| 10.05.2020 | 19:30 | 19:45 | 1.738 |
| 10.05.2020 | 19:45 | 20:00 | 1.712 |
| 10.05.2020 | 20:00 | 20:15 | 1.736 |
| 10.05.2020 | 20:15 | 20:30 | 1.761 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 10.05.2020 | 20:30 | 20:45 | 1.754 |
| 10.05.2020 | 20:45 | 21:00 | 1.738 |
| 10.05.2020 | 21:00 | 21:15 | 1.676 |
| 10.05.2020 | 21:15 | 21:30 | 1.565 |
| 10.05.2020 | 21:30 | 21:45 | 1.545 |
| 10.05.2020 | 21:45 | 22:00 | 1.552 |
| 10.05.2020 | 22:00 | 22:15 | 1.542 |
| 10.05.2020 | 22:15 | 22:30 | 1.464 |
| 10.05.2020 | 22:30 | 22:45 | 1.403 |
| 10.05.2020 | 22:45 | 23:00 | 1.348 |
| 10.05.2020 | 23:00 | 23:15 | 1.291 |
| 10.05.2020 | 23:15 | 23:30 | 1.206 |
| 10.05.2020 | 23:30 | 23:45 | 1.148 |
| 10.05.2020 | 23:45 | 00:00 | 1.109 |
| 11.05.2020 | 00:00 | 00:15 | 1.070 |
| 11.05.2020 | 00:15 | 00:30 | 1.041 |
| 11.05.2020 | 00:30 | 00:45 | 1.016 |
| 11.05.2020 | 00:45 | 01:00 | 999 |
| 11.05.2020 | 01:00 | 01:15 | 981 |
| 11.05.2020 | 01:15 | 01:30 | 961 |
| 11.05.2020 | 01:30 | 01:45 | 935 |
| 11.05.2020 | 01:45 | 02:00 | 929 |
| 11.05.2020 | 02:00 | 02:15 | 921 |
| 11.05.2020 | 02:15 | 02:30 | 917 |
| 11.05.2020 | 02:30 | 02:45 | 914 |
| 11.05.2020 | 02:45 | 03:00 | 913 |
| 11.05.2020 | 03:00 | 03:15 | 923 |
| 11.05.2020 | 03:15 | 03:30 | 923 |
| 11.05.2020 | 03:30 | 03:45 | 919 |
| 11.05.2020 | 03:45 | 04:00 | 922 |
| 11.05.2020 | 04:00 | 04:15 | 938 |
| 11.05.2020 | 04:15 | 04:30 | 949 |
| 11.05.2020 | 04:30 | 04:45 | 973 |
| 11.05.2020 | 04:45 | 05:00 | 996 |
| 11.05.2020 | 05:00 | 05:15 | 1.050 |
| 11.05.2020 | 05:15 | 05:30 | 1.075 |
| 11.05.2020 | 05:30 | 05:45 | 1.085 |
| 11.05.2020 | 05:45 | 06:00 | 1.133 |
| 11.05.2020 | 06:00 | 06:15 | 1.218 |
| 11.05.2020 | 06:15 | 06:30 | 1.308 |
| 11.05.2020 | 06:30 | 06:45 | 1.369 |
| 11.05.2020 | 06:45 | 07:00 | 1.452 |
| 11.05.2020 | 07:00 | 07:15 | 1.520 |
| 11.05.2020 | 07:15 | 07:30 | 1.589 |
| 11.05.2020 | 07:30 | 07:45 | 1.653 |
| 11.05.2020 | 07:45 | 08:00 | 1.710 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.05.2020 | 08:00 | 08:15 | 1.803 |
| 11.05.2020 | 08:15 | 08:30 | 1.868 |
| 11.05.2020 | 08:30 | 08:45 | 1.928 |
| 11.05.2020 | 08:45 | 09:00 | 2.010 |
| 11.05.2020 | 09:00 | 09:15 | 2.078 |
| 11.05.2020 | 09:15 | 09:30 | 2.115 |
| 11.05.2020 | 09:30 | 09:45 | 2.136 |
| 11.05.2020 | 09:45 | 10:00 | 2.168 |
| 11.05.2020 | 10:00 | 10:15 | 2.194 |
| 11.05.2020 | 10:15 | 10:30 | 2.182 |
| 11.05.2020 | 10:30 | 10:45 | 2.212 |
| 11.05.2020 | 10:45 | 11:00 | 2.267 |
| 11.05.2020 | 11:00 | 11:15 | 2.256 |
| 11.05.2020 | 11:15 | 11:30 | 2.301 |
| 11.05.2020 | 11:30 | 11:45 | 2.341 |
| 11.05.2020 | 11:45 | 12:00 | 2.375 |
| 11.05.2020 | 12:00 | 12:15 | 2.437 |
| 11.05.2020 | 12:15 | 12:30 | 2.474 |
| 11.05.2020 | 12:30 | 12:45 | 2.441 |
| 11.05.2020 | 12:45 | 13:00 | 2.470 |
| 11.05.2020 | 13:00 | 13:15 | 2.428 |
| 11.05.2020 | 13:15 | 13:30 | 2.379 |
| 11.05.2020 | 13:30 | 13:45 | 2.335 |
| 11.05.2020 | 13:45 | 14:00 | 2.301 |
| 11.05.2020 | 14:00 | 14:15 | 2.268 |
| 11.05.2020 | 14:15 | 14:30 | 2.246 |
| 11.05.2020 | 14:30 | 14:45 | 2.189 |
| 11.05.2020 | 14:45 | 15:00 | 2.179 |
| 11.05.2020 | 15:00 | 15:15 | 2.186 |
| 11.05.2020 | 15:15 | 15:30 | 2.142 |
| 11.05.2020 | 15:30 | 15:45 | 2.118 |
| 11.05.2020 | 15:45 | 16:00 | 2.065 |
| 11.05.2020 | 16:00 | 16:15 | 2.128 |
| 11.05.2020 | 16:15 | 16:30 | 2.132 |
| 11.05.2020 | 16:30 | 16:45 | 2.066 |
| 11.05.2020 | 16:45 | 17:00 | 2.107 |
| 11.05.2020 | 17:00 | 17:15 | 2.115 |
| 11.05.2020 | 17:15 | 17:30 | 2.130 |
| 11.05.2020 | 17:30 | 17:45 | 2.152 |
| 11.05.2020 | 17:45 | 18:00 | 2.168 |
| 11.05.2020 | 18:00 | 18:15 | 2.117 |
| 11.05.2020 | 18:15 | 18:30 | 2.173 |
| 11.05.2020 | 18:30 | 18:45 | 2.145 |
| 11.05.2020 | 18:45 | 19:00 | 2.149 |
| 11.05.2020 | 19:00 | 19:15 | 2.129 |
| 11.05.2020 | 19:15 | 19:30 | 2.133 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.05.2020 | 19:30 | 19:45 | 2.106 |
| 11.05.2020 | 19:45 | 20:00 | 2.106 |
| 11.05.2020 | 20:00 | 20:15 | 2.100 |
| 11.05.2020 | 20:15 | 20:30 | 2.067 |
| 11.05.2020 | 20:30 | 20:45 | 2.053 |
| 11.05.2020 | 20:45 | 21:00 | 2.056 |
| 11.05.2020 | 21:00 | 21:15 | 2.036 |
| 11.05.2020 | 21:15 | 21:30 | 1.834 |
| 11.05.2020 | 21:30 | 21:45 | 1.765 |
| 11.05.2020 | 21:45 | 22:00 | 1.794 |
| 11.05.2020 | 22:00 | 22:15 | 1.781 |
| 11.05.2020 | 22:15 | 22:30 | 1.715 |
| 11.05.2020 | 22:30 | 22:45 | 1.638 |
| 11.05.2020 | 22:45 | 23:00 | 1.568 |
| 11.05.2020 | 23:00 | 23:15 | 1.496 |
| 11.05.2020 | 23:15 | 23:30 | 1.439 |
| 11.05.2020 | 23:30 | 23:45 | 1.421 |
| 11.05.2020 | 23:45 | 00:00 | 1.376 |
| 12.05.2020 | 00:00 | 00:15 | 1.329 |
| 12.05.2020 | 00:15 | 00:30 | 1.284 |
| 12.05.2020 | 00:30 | 00:45 | 1.243 |
| 12.05.2020 | 00:45 | 01:00 | 1.200 |
| 12.05.2020 | 01:00 | 01:15 | 1.163 |
| 12.05.2020 | 01:15 | 01:30 | 1.140 |
| 12.05.2020 | 01:30 | 01:45 | 1.132 |
| 12.05.2020 | 01:45 | 02:00 | 1.125 |
| 12.05.2020 | 02:00 | 02:15 | 1.112 |
| 12.05.2020 | 02:15 | 02:30 | 1.109 |
| 12.05.2020 | 02:30 | 02:45 | 1.099 |
| 12.05.2020 | 02:45 | 03:00 | 1.096 |
| 12.05.2020 | 03:00 | 03:15 | 1.102 |
| 12.05.2020 | 03:15 | 03:30 | 1.089 |
| 12.05.2020 | 03:30 | 03:45 | 1.052 |
| 12.05.2020 | 03:45 | 04:00 | 1.044 |
| 12.05.2020 | 04:00 | 04:15 | 1.057 |
| 12.05.2020 | 04:15 | 04:30 | 1.073 |
| 12.05.2020 | 04:30 | 04:45 | 1.108 |
| 12.05.2020 | 04:45 | 05:00 | 1.130 |
| 12.05.2020 | 05:00 | 05:15 | 1.174 |
| 12.05.2020 | 05:15 | 05:30 | 1.159 |
| 12.05.2020 | 05:30 | 05:45 | 1.218 |
| 12.05.2020 | 05:45 | 06:00 | 1.251 |
| 12.05.2020 | 06:00 | 06:15 | 1.338 |
| 12.05.2020 | 06:15 | 06:30 | 1.442 |
| 12.05.2020 | 06:30 | 06:45 | 1.499 |
| 12.05.2020 | 06:45 | 07:00 | 1.556 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.05.2020 | 07:00 | 07:15 | 1.628 |
| 12.05.2020 | 07:15 | 07:30 | 1.667 |
| 12.05.2020 | 07:30 | 07:45 | 1.734 |
| 12.05.2020 | 07:45 | 08:00 | 1.792 |
| 12.05.2020 | 08:00 | 08:15 | 1.857 |
| 12.05.2020 | 08:15 | 08:30 | 1.915 |
| 12.05.2020 | 08:30 | 08:45 | 1.935 |
| 12.05.2020 | 08:45 | 09:00 | 1.966 |
| 12.05.2020 | 09:00 | 09:15 | 2.000 |
| 12.05.2020 | 09:15 | 09:30 | 2.050 |
| 12.05.2020 | 09:30 | 09:45 | 2.094 |
| 12.05.2020 | 09:45 | 10:00 | 2.148 |
| 12.05.2020 | 10:00 | 10:15 | 2.151 |
| 12.05.2020 | 10:15 | 10:30 | 2.134 |
| 12.05.2020 | 10:30 | 10:45 | 2.218 |
| 12.05.2020 | 10:45 | 11:00 | 2.245 |
| 12.05.2020 | 11:00 | 11:15 | 2.263 |
| 12.05.2020 | 11:15 | 11:30 | 2.290 |
| 12.05.2020 | 11:30 | 11:45 | 2.372 |
| 12.05.2020 | 11:45 | 12:00 | 2.397 |
| 12.05.2020 | 12:00 | 12:15 | 2.455 |
| 12.05.2020 | 12:15 | 12:30 | 2.470 |
| 12.05.2020 | 12:30 | 12:45 | 2.399 |
| 12.05.2020 | 12:45 | 13:00 | 2.397 |
| 12.05.2020 | 13:00 | 13:15 | 2.382 |
| 12.05.2020 | 13:15 | 13:30 | 2.419 |
| 12.05.2020 | 13:30 | 13:45 | 2.359 |
| 12.05.2020 | 13:45 | 14:00 | 2.313 |
| 12.05.2020 | 14:00 | 14:15 | 2.303 |
| 12.05.2020 | 14:15 | 14:30 | 2.318 |
| 12.05.2020 | 14:30 | 14:45 | 2.312 |
| 12.05.2020 | 14:45 | 15:00 | 2.274 |
| 12.05.2020 | 15:00 | 15:15 | 2.258 |
| 12.05.2020 | 15:15 | 15:30 | 2.233 |
| 12.05.2020 | 15:30 | 15:45 | 2.180 |
| 12.05.2020 | 15:45 | 16:00 | 2.164 |
| 12.05.2020 | 16:00 | 16:15 | 2.176 |
| 12.05.2020 | 16:15 | 16:30 | 2.191 |
| 12.05.2020 | 16:30 | 16:45 | 2.217 |
| 12.05.2020 | 16:45 | 17:00 | 2.224 |
| 12.05.2020 | 17:00 | 17:15 | 2.233 |
| 12.05.2020 | 17:15 | 17:30 | 2.240 |
| 12.05.2020 | 17:30 | 17:45 | 2.295 |
| 12.05.2020 | 17:45 | 18:00 | 2.322 |
| 12.05.2020 | 18:00 | 18:15 | 2.329 |
| 12.05.2020 | 18:15 | 18:30 | 2.365 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 12.05.2020 | 18:30 | 18:45 | 2.364 |
| 12.05.2020 | 18:45 | 19:00 | 2.383 |
| 12.05.2020 | 19:00 | 19:15 | 2.369 |
| 12.05.2020 | 19:15 | 19:30 | 2.341 |
| 12.05.2020 | 19:30 | 19:45 | 2.308 |
| 12.05.2020 | 19:45 | 20:00 | 2.265 |
| 12.05.2020 | 20:00 | 20:15 | 2.200 |
| 12.05.2020 | 20:15 | 20:30 | 2.191 |
| 12.05.2020 | 20:30 | 20:45 | 2.205 |
| 12.05.2020 | 20:45 | 21:00 | 2.163 |
| 12.05.2020 | 21:00 | 21:15 | 2.139 |
| 12.05.2020 | 21:15 | 21:30 | 1.927 |
| 12.05.2020 | 21:30 | 21:45 | 1.805 |
| 12.05.2020 | 21:45 | 22:00 | 1.801 |
| 12.05.2020 | 22:00 | 22:15 | 1.784 |
| 12.05.2020 | 22:15 | 22:30 | 1.731 |
| 12.05.2020 | 22:30 | 22:45 | 1.653 |
| 12.05.2020 | 22:45 | 23:00 | 1.566 |
| 12.05.2020 | 23:00 | 23:15 | 1.480 |
| 12.05.2020 | 23:15 | 23:30 | 1.427 |
| 12.05.2020 | 23:30 | 23:45 | 1.381 |
| 12.05.2020 | 23:45 | 00:00 | 1.338 |
| 13.05.2020 | 00:00 | 00:15 | 1.314 |
| 13.05.2020 | 00:15 | 00:30 | 1.270 |
| 13.05.2020 | 00:30 | 00:45 | 1.236 |
| 13.05.2020 | 00:45 | 01:00 | 1.203 |
| 13.05.2020 | 01:00 | 01:15 | 1.166 |
| 13.05.2020 | 01:15 | 01:30 | 1.135 |
| 13.05.2020 | 01:30 | 01:45 | 1.115 |
| 13.05.2020 | 01:45 | 02:00 | 1.108 |
| 13.05.2020 | 02:00 | 02:15 | 1.103 |
| 13.05.2020 | 02:15 | 02:30 | 1.099 |
| 13.05.2020 | 02:30 | 02:45 | 1.095 |
| 13.05.2020 | 02:45 | 03:00 | 1.088 |
| 13.05.2020 | 03:00 | 03:15 | 1.078 |
| 13.05.2020 | 03:15 | 03:30 | 1.070 |
| 13.05.2020 | 03:30 | 03:45 | 1.067 |
| 13.05.2020 | 03:45 | 04:00 | 1.073 |
| 13.05.2020 | 04:00 | 04:15 | 1.088 |
| 13.05.2020 | 04:15 | 04:30 | 1.098 |
| 13.05.2020 | 04:30 | 04:45 | 1.138 |
| 13.05.2020 | 04:45 | 05:00 | 1.150 |
| 13.05.2020 | 05:00 | 05:15 | 1.179 |
| 13.05.2020 | 05:15 | 05:30 | 1.166 |
| 13.05.2020 | 05:30 | 05:45 | 1.201 |
| 13.05.2020 | 05:45 | 06:00 | 1.248 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.05.2020 | 06:00 | 06:15 | 1.330 |
| 13.05.2020 | 06:15 | 06:30 | 1.439 |
| 13.05.2020 | 06:30 | 06:45 | 1.498 |
| 13.05.2020 | 06:45 | 07:00 | 1.536 |
| 13.05.2020 | 07:00 | 07:15 | 1.620 |
| 13.05.2020 | 07:15 | 07:30 | 1.691 |
| 13.05.2020 | 07:30 | 07:45 | 1.749 |
| 13.05.2020 | 07:45 | 08:00 | 1.824 |
| 13.05.2020 | 08:00 | 08:15 | 1.891 |
| 13.05.2020 | 08:15 | 08:30 | 1.940 |
| 13.05.2020 | 08:30 | 08:45 | 1.986 |
| 13.05.2020 | 08:45 | 09:00 | 2.024 |
| 13.05.2020 | 09:00 | 09:15 | 2.055 |
| 13.05.2020 | 09:15 | 09:30 | 2.104 |
| 13.05.2020 | 09:30 | 09:45 | 2.127 |
| 13.05.2020 | 09:45 | 10:00 | 2.200 |
| 13.05.2020 | 10:00 | 10:15 | 2.208 |
| 13.05.2020 | 10:15 | 10:30 | 2.292 |
| 13.05.2020 | 10:30 | 10:45 | 2.320 |
| 13.05.2020 | 10:45 | 11:00 | 2.299 |
| 13.05.2020 | 11:00 | 11:15 | 2.289 |
| 13.05.2020 | 11:15 | 11:30 | 2.285 |
| 13.05.2020 | 11:30 | 11:45 | 2.362 |
| 13.05.2020 | 11:45 | 12:00 | 2.305 |
| 13.05.2020 | 12:00 | 12:15 | 2.354 |
| 13.05.2020 | 12:15 | 12:30 | 2.411 |
| 13.05.2020 | 12:30 | 12:45 | 2.455 |
| 13.05.2020 | 12:45 | 13:00 | 2.445 |
| 13.05.2020 | 13:00 | 13:15 | 2.423 |
| 13.05.2020 | 13:15 | 13:30 | 2.330 |
| 13.05.2020 | 13:30 | 13:45 | 2.298 |
| 13.05.2020 | 13:45 | 14:00 | 2.364 |
| 13.05.2020 | 14:00 | 14:15 | 2.343 |
| 13.05.2020 | 14:15 | 14:30 | 2.294 |
| 13.05.2020 | 14:30 | 14:45 | 2.281 |
| 13.05.2020 | 14:45 | 15:00 | 2.293 |
| 13.05.2020 | 15:00 | 15:15 | 2.298 |
| 13.05.2020 | 15:15 | 15:30 | 2.283 |
| 13.05.2020 | 15:30 | 15:45 | 2.251 |
| 13.05.2020 | 15:45 | 16:00 | 2.255 |
| 13.05.2020 | 16:00 | 16:15 | 2.265 |
| 13.05.2020 | 16:15 | 16:30 | 2.308 |
| 13.05.2020 | 16:30 | 16:45 | 2.281 |
| 13.05.2020 | 16:45 | 17:00 | 2.246 |
| 13.05.2020 | 17:00 | 17:15 | 2.282 |
| 13.05.2020 | 17:15 | 17:30 | 2.251 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.05.2020 | 17:30 | 17:45 | 2.248 |
| 13.05.2020 | 17:45 | 18:00 | 2.274 |
| 13.05.2020 | 18:00 | 18:15 | 2.282 |
| 13.05.2020 | 18:15 | 18:30 | 2.305 |
| 13.05.2020 | 18:30 | 18:45 | 2.305 |
| 13.05.2020 | 18:45 | 19:00 | 2.329 |
| 13.05.2020 | 19:00 | 19:15 | 2.290 |
| 13.05.2020 | 19:15 | 19:30 | 2.265 |
| 13.05.2020 | 19:30 | 19:45 | 2.213 |
| 13.05.2020 | 19:45 | 20:00 | 2.203 |
| 13.05.2020 | 20:00 | 20:15 | 2.156 |
| 13.05.2020 | 20:15 | 20:30 | 2.171 |
| 13.05.2020 | 20:30 | 20:45 | 2.153 |
| 13.05.2020 | 20:45 | 21:00 | 2.119 |
| 13.05.2020 | 21:00 | 21:15 | 2.078 |
| 13.05.2020 | 21:15 | 21:30 | 1.887 |
| 13.05.2020 | 21:30 | 21:45 | 1.813 |
| 13.05.2020 | 21:45 | 22:00 | 1.792 |
| 13.05.2020 | 22:00 | 22:15 | 1.768 |
| 13.05.2020 | 22:15 | 22:30 | 1.743 |
| 13.05.2020 | 22:30 | 22:45 | 1.664 |
| 13.05.2020 | 22:45 | 23:00 | 1.578 |
| 13.05.2020 | 23:00 | 23:15 | 1.489 |
| 13.05.2020 | 23:15 | 23:30 | 1.418 |
| 13.05.2020 | 23:30 | 23:45 | 1.370 |
| 13.05.2020 | 23:45 | 00:00 | 1.311 |
| 14.05.2020 | 00:00 | 00:15 | 1.266 |
| 14.05.2020 | 00:15 | 00:30 | 1.222 |
| 14.05.2020 | 00:30 | 00:45 | 1.193 |
| 14.05.2020 | 00:45 | 01:00 | 1.166 |
| 14.05.2020 | 01:00 | 01:15 | 1.135 |
| 14.05.2020 | 01:15 | 01:30 | 1.108 |
| 14.05.2020 | 01:30 | 01:45 | 1.088 |
| 14.05.2020 | 01:45 | 02:00 | 1.083 |
| 14.05.2020 | 02:00 | 02:15 | 1.070 |
| 14.05.2020 | 02:15 | 02:30 | 1.062 |
| 14.05.2020 | 02:30 | 02:45 | 1.054 |
| 14.05.2020 | 02:45 | 03:00 | 1.046 |
| 14.05.2020 | 03:00 | 03:15 | 1.048 |
| 14.05.2020 | 03:15 | 03:30 | 1.031 |
| 14.05.2020 | 03:30 | 03:45 | 1.026 |
| 14.05.2020 | 03:45 | 04:00 | 1.019 |
| 14.05.2020 | 04:00 | 04:15 | 1.048 |
| 14.05.2020 | 04:15 | 04:30 | 1.062 |
| 14.05.2020 | 04:30 | 04:45 | 1.091 |
| 14.05.2020 | 04:45 | 05:00 | 1.110 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.05.2020 | 05:00 | 05:15 | 1.127 |
| 14.05.2020 | 05:15 | 05:30 | 1.115 |
| 14.05.2020 | 05:30 | 05:45 | 1.148 |
| 14.05.2020 | 05:45 | 06:00 | 1.198 |
| 14.05.2020 | 06:00 | 06:15 | 1.274 |
| 14.05.2020 | 06:15 | 06:30 | 1.356 |
| 14.05.2020 | 06:30 | 06:45 | 1.432 |
| 14.05.2020 | 06:45 | 07:00 | 1.472 |
| 14.05.2020 | 07:00 | 07:15 | 1.553 |
| 14.05.2020 | 07:15 | 07:30 | 1.623 |
| 14.05.2020 | 07:30 | 07:45 | 1.682 |
| 14.05.2020 | 07:45 | 08:00 | 1.746 |
| 14.05.2020 | 08:00 | 08:15 | 1.844 |
| 14.05.2020 | 08:15 | 08:30 | 1.897 |
| 14.05.2020 | 08:30 | 08:45 | 1.945 |
| 14.05.2020 | 08:45 | 09:00 | 2.025 |
| 14.05.2020 | 09:00 | 09:15 | 2.076 |
| 14.05.2020 | 09:15 | 09:30 | 2.101 |
| 14.05.2020 | 09:30 | 09:45 | 2.134 |
| 14.05.2020 | 09:45 | 10:00 | 2.150 |
| 14.05.2020 | 10:00 | 10:15 | 2.173 |
| 14.05.2020 | 10:15 | 10:30 | 2.204 |
| 14.05.2020 | 10:30 | 10:45 | 2.195 |
| 14.05.2020 | 10:45 | 11:00 | 2.233 |
| 14.05.2020 | 11:00 | 11:15 | 2.287 |
| 14.05.2020 | 11:15 | 11:30 | 2.356 |
| 14.05.2020 | 11:30 | 11:45 | 2.376 |
| 14.05.2020 | 11:45 | 12:00 | 2.366 |
| 14.05.2020 | 12:00 | 12:15 | 2.393 |
| 14.05.2020 | 12:15 | 12:30 | 2.417 |
| 14.05.2020 | 12:30 | 12:45 | 2.416 |
| 14.05.2020 | 12:45 | 13:00 | 2.363 |
| 14.05.2020 | 13:00 | 13:15 | 2.359 |
| 14.05.2020 | 13:15 | 13:30 | 2.329 |
| 14.05.2020 | 13:30 | 13:45 | 2.276 |
| 14.05.2020 | 13:45 | 14:00 | 2.226 |
| 14.05.2020 | 14:00 | 14:15 | 2.191 |
| 14.05.2020 | 14:15 | 14:30 | 2.189 |
| 14.05.2020 | 14:30 | 14:45 | 2.145 |
| 14.05.2020 | 14:45 | 15:00 | 2.104 |
| 14.05.2020 | 15:00 | 15:15 | 2.110 |
| 14.05.2020 | 15:15 | 15:30 | 2.109 |
| 14.05.2020 | 15:30 | 15:45 | 2.049 |
| 14.05.2020 | 15:45 | 16:00 | 2.028 |
| 14.05.2020 | 16:00 | 16:15 | 2.049 |
| 14.05.2020 | 16:15 | 16:30 | 2.053 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.05.2020 | 16:30 | 16:45 | 2.031 |
| 14.05.2020 | 16:45 | 17:00 | 2.032 |
| 14.05.2020 | 17:00 | 17:15 | 2.061 |
| 14.05.2020 | 17:15 | 17:30 | 2.083 |
| 14.05.2020 | 17:30 | 17:45 | 2.100 |
| 14.05.2020 | 17:45 | 18:00 | 2.121 |
| 14.05.2020 | 18:00 | 18:15 | 2.139 |
| 14.05.2020 | 18:15 | 18:30 | 2.173 |
| 14.05.2020 | 18:30 | 18:45 | 2.199 |
| 14.05.2020 | 18:45 | 19:00 | 2.218 |
| 14.05.2020 | 19:00 | 19:15 | 2.177 |
| 14.05.2020 | 19:15 | 19:30 | 2.153 |
| 14.05.2020 | 19:30 | 19:45 | 2.115 |
| 14.05.2020 | 19:45 | 20:00 | 2.122 |
| 14.05.2020 | 20:00 | 20:15 | 2.071 |
| 14.05.2020 | 20:15 | 20:30 | 2.068 |
| 14.05.2020 | 20:30 | 20:45 | 2.058 |
| 14.05.2020 | 20:45 | 21:00 | 2.033 |
| 14.05.2020 | 21:00 | 21:15 | 1.996 |
| 14.05.2020 | 21:15 | 21:30 | 1.820 |
| 14.05.2020 | 21:30 | 21:45 | 1.688 |
| 14.05.2020 | 21:45 | 22:00 | 1.736 |
| 14.05.2020 | 22:00 | 22:15 | 1.710 |
| 14.05.2020 | 22:15 | 22:30 | 1.681 |
| 14.05.2020 | 22:30 | 22:45 | 1.615 |
| 14.05.2020 | 22:45 | 23:00 | 1.544 |
| 14.05.2020 | 23:00 | 23:15 | 1.472 |
| 14.05.2020 | 23:15 | 23:30 | 1.424 |
| 14.05.2020 | 23:30 | 23:45 | 1.417 |
| 14.05.2020 | 23:45 | 00:00 | 1.371 |
| 15.05.2020 | 00:00 | 00:15 | 1.310 |
| 15.05.2020 | 00:15 | 00:30 | 1.270 |
| 15.05.2020 | 00:30 | 00:45 | 1.241 |
| 15.05.2020 | 00:45 | 01:00 | 1.204 |
| 15.05.2020 | 01:00 | 01:15 | 1.178 |
| 15.05.2020 | 01:15 | 01:30 | 1.153 |
| 15.05.2020 | 01:30 | 01:45 | 1.134 |
| 15.05.2020 | 01:45 | 02:00 | 1.104 |
| 15.05.2020 | 02:00 | 02:15 | 1.042 |
| 15.05.2020 | 02:15 | 02:30 | 1.029 |
| 15.05.2020 | 02:30 | 02:45 | 1.024 |
| 15.05.2020 | 02:45 | 03:00 | 1.018 |
| 15.05.2020 | 03:00 | 03:15 | 1.017 |
| 15.05.2020 | 03:15 | 03:30 | 1.004 |
| 15.05.2020 | 03:30 | 03:45 | 1.004 |
| 15.05.2020 | 03:45 | 04:00 | 995 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.05.2020 | 04:00 | 04:15 | 998 |
| 15.05.2020 | 04:15 | 04:30 | 1.018 |
| 15.05.2020 | 04:30 | 04:45 | 1.042 |
| 15.05.2020 | 04:45 | 05:00 | 1.066 |
| 15.05.2020 | 05:00 | 05:15 | 1.086 |
| 15.05.2020 | 05:15 | 05:30 | 1.089 |
| 15.05.2020 | 05:30 | 05:45 | 1.130 |
| 15.05.2020 | 05:45 | 06:00 | 1.183 |
| 15.05.2020 | 06:00 | 06:15 | 1.264 |
| 15.05.2020 | 06:15 | 06:30 | 1.341 |
| 15.05.2020 | 06:30 | 06:45 | 1.395 |
| 15.05.2020 | 06:45 | 07:00 | 1.436 |
| 15.05.2020 | 07:00 | 07:15 | 1.516 |
| 15.05.2020 | 07:15 | 07:30 | 1.582 |
| 15.05.2020 | 07:30 | 07:45 | 1.643 |
| 15.05.2020 | 07:45 | 08:00 | 1.702 |
| 15.05.2020 | 08:00 | 08:15 | 1.781 |
| 15.05.2020 | 08:15 | 08:30 | 1.839 |
| 15.05.2020 | 08:30 | 08:45 | 1.874 |
| 15.05.2020 | 08:45 | 09:00 | 1.902 |
| 15.05.2020 | 09:00 | 09:15 | 1.922 |
| 15.05.2020 | 09:15 | 09:30 | 1.940 |
| 15.05.2020 | 09:30 | 09:45 | 2.010 |
| 15.05.2020 | 09:45 | 10:00 | 1.999 |
| 15.05.2020 | 10:00 | 10:15 | 2.020 |
| 15.05.2020 | 10:15 | 10:30 | 2.030 |
| 15.05.2020 | 10:30 | 10:45 | 2.058 |
| 15.05.2020 | 10:45 | 11:00 | 2.100 |
| 15.05.2020 | 11:00 | 11:15 | 2.115 |
| 15.05.2020 | 11:15 | 11:30 | 2.111 |
| 15.05.2020 | 11:30 | 11:45 | 2.126 |
| 15.05.2020 | 11:45 | 12:00 | 2.151 |
| 15.05.2020 | 12:00 | 12:15 | 2.178 |
| 15.05.2020 | 12:15 | 12:30 | 2.184 |
| 15.05.2020 | 12:30 | 12:45 | 2.201 |
| 15.05.2020 | 12:45 | 13:00 | 2.192 |
| 15.05.2020 | 13:00 | 13:15 | 2.194 |
| 15.05.2020 | 13:15 | 13:30 | 2.187 |
| 15.05.2020 | 13:30 | 13:45 | 2.174 |
| 15.05.2020 | 13:45 | 14:00 | 2.139 |
| 15.05.2020 | 14:00 | 14:15 | 2.097 |
| 15.05.2020 | 14:15 | 14:30 | 2.113 |
| 15.05.2020 | 14:30 | 14:45 | 2.113 |
| 15.05.2020 | 14:45 | 15:00 | 2.099 |
| 15.05.2020 | 15:00 | 15:15 | 2.085 |
| 15.05.2020 | 15:15 | 15:30 | 2.054 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.05.2020 | 15:30 | 15:45 | 2.055 |
| 15.05.2020 | 15:45 | 16:00 | 2.055 |
| 15.05.2020 | 16:00 | 16:15 | 2.086 |
| 15.05.2020 | 16:15 | 16:30 | 2.104 |
| 15.05.2020 | 16:30 | 16:45 | 2.106 |
| 15.05.2020 | 16:45 | 17:00 | 2.155 |
| 15.05.2020 | 17:00 | 17:15 | 2.158 |
| 15.05.2020 | 17:15 | 17:30 | 2.160 |
| 15.05.2020 | 17:30 | 17:45 | 2.123 |
| 15.05.2020 | 17:45 | 18:00 | 2.151 |
| 15.05.2020 | 18:00 | 18:15 | 2.173 |
| 15.05.2020 | 18:15 | 18:30 | 2.169 |
| 15.05.2020 | 18:30 | 18:45 | 2.177 |
| 15.05.2020 | 18:45 | 19:00 | 2.201 |
| 15.05.2020 | 19:00 | 19:15 | 2.209 |
| 15.05.2020 | 19:15 | 19:30 | 2.213 |
| 15.05.2020 | 19:30 | 19:45 | 2.213 |
| 15.05.2020 | 19:45 | 20:00 | 2.196 |
| 15.05.2020 | 20:00 | 20:15 | 2.131 |
| 15.05.2020 | 20:15 | 20:30 | 2.063 |
| 15.05.2020 | 20:30 | 20:45 | 2.053 |
| 15.05.2020 | 20:45 | 21:00 | 2.042 |
| 15.05.2020 | 21:00 | 21:15 | 2.025 |
| 15.05.2020 | 21:15 | 21:30 | 1.869 |
| 15.05.2020 | 21:30 | 21:45 | 1.705 |
| 15.05.2020 | 21:45 | 22:00 | 1.721 |
| 15.05.2020 | 22:00 | 22:15 | 1.720 |
| 15.05.2020 | 22:15 | 22:30 | 1.695 |
| 15.05.2020 | 22:30 | 22:45 | 1.648 |
| 15.05.2020 | 22:45 | 23:00 | 1.596 |
| 15.05.2020 | 23:00 | 23:15 | 1.530 |
| 15.05.2020 | 23:15 | 23:30 | 1.478 |
| 15.05.2020 | 23:30 | 23:45 | 1.419 |
| 15.05.2020 | 23:45 | 00:00 | 1.353 |
| 16.05.2020 | 00:00 | 00:15 | 1.287 |
| 16.05.2020 | 00:15 | 00:30 | 1.238 |
| 16.05.2020 | 00:30 | 00:45 | 1.230 |
| 16.05.2020 | 00:45 | 01:00 | 1.208 |
| 16.05.2020 | 01:00 | 01:15 | 1.179 |
| 16.05.2020 | 01:15 | 01:30 | 1.151 |
| 16.05.2020 | 01:30 | 01:45 | 1.138 |
| 16.05.2020 | 01:45 | 02:00 | 1.119 |
| 16.05.2020 | 02:00 | 02:15 | 1.109 |
| 16.05.2020 | 02:15 | 02:30 | 1.097 |
| 16.05.2020 | 02:30 | 02:45 | 1.057 |
| 16.05.2020 | 02:45 | 03:00 | 1.018 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.05.2020 | 03:00 | 03:15 | 1.013 |
| 16.05.2020 | 03:15 | 03:30 | 1.014 |
| 16.05.2020 | 03:30 | 03:45 | 1.007 |
| 16.05.2020 | 03:45 | 04:00 | 1.002 |
| 16.05.2020 | 04:00 | 04:15 | 1.003 |
| 16.05.2020 | 04:15 | 04:30 | 1.004 |
| 16.05.2020 | 04:30 | 04:45 | 1.004 |
| 16.05.2020 | 04:45 | 05:00 | 1.018 |
| 16.05.2020 | 05:00 | 05:15 | 1.015 |
| 16.05.2020 | 05:15 | 05:30 | 991 |
| 16.05.2020 | 05:30 | 05:45 | 998 |
| 16.05.2020 | 05:45 | 06:00 | 1.026 |
| 16.05.2020 | 06:00 | 06:15 | 1.034 |
| 16.05.2020 | 06:15 | 06:30 | 1.056 |
| 16.05.2020 | 06:30 | 06:45 | 1.082 |
| 16.05.2020 | 06:45 | 07:00 | 1.105 |
| 16.05.2020 | 07:00 | 07:15 | 1.144 |
| 16.05.2020 | 07:15 | 07:30 | 1.179 |
| 16.05.2020 | 07:30 | 07:45 | 1.233 |
| 16.05.2020 | 07:45 | 08:00 | 1.303 |
| 16.05.2020 | 08:00 | 08:15 | 1.378 |
| 16.05.2020 | 08:15 | 08:30 | 1.423 |
| 16.05.2020 | 08:30 | 08:45 | 1.468 |
| 16.05.2020 | 08:45 | 09:00 | 1.528 |
| 16.05.2020 | 09:00 | 09:15 | 1.582 |
| 16.05.2020 | 09:15 | 09:30 | 1.658 |
| 16.05.2020 | 09:30 | 09:45 | 1.699 |
| 16.05.2020 | 09:45 | 10:00 | 1.751 |
| 16.05.2020 | 10:00 | 10:15 | 1.776 |
| 16.05.2020 | 10:15 | 10:30 | 1.816 |
| 16.05.2020 | 10:30 | 10:45 | 1.793 |
| 16.05.2020 | 10:45 | 11:00 | 1.825 |
| 16.05.2020 | 11:00 | 11:15 | 1.859 |
| 16.05.2020 | 11:15 | 11:30 | 1.886 |
| 16.05.2020 | 11:30 | 11:45 | 1.928 |
| 16.05.2020 | 11:45 | 12:00 | 1.950 |
| 16.05.2020 | 12:00 | 12:15 | 1.948 |
| 16.05.2020 | 12:15 | 12:30 | 1.956 |
| 16.05.2020 | 12:30 | 12:45 | 1.974 |
| 16.05.2020 | 12:45 | 13:00 | 1.975 |
| 16.05.2020 | 13:00 | 13:15 | 1.938 |
| 16.05.2020 | 13:15 | 13:30 | 1.901 |
| 16.05.2020 | 13:30 | 13:45 | 1.864 |
| 16.05.2020 | 13:45 | 14:00 | 1.872 |
| 16.05.2020 | 14:00 | 14:15 | 1.809 |
| 16.05.2020 | 14:15 | 14:30 | 1.795 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.05.2020 | 14:30 | 14:45 | 1.757 |
| 16.05.2020 | 14:45 | 15:00 | 1.761 |
| 16.05.2020 | 15:00 | 15:15 | 1.755 |
| 16.05.2020 | 15:15 | 15:30 | 1.769 |
| 16.05.2020 | 15:30 | 15:45 | 1.748 |
| 16.05.2020 | 15:45 | 16:00 | 1.706 |
| 16.05.2020 | 16:00 | 16:15 | 1.693 |
| 16.05.2020 | 16:15 | 16:30 | 1.748 |
| 16.05.2020 | 16:30 | 16:45 | 1.739 |
| 16.05.2020 | 16:45 | 17:00 | 1.703 |
| 16.05.2020 | 17:00 | 17:15 | 1.723 |
| 16.05.2020 | 17:15 | 17:30 | 1.724 |
| 16.05.2020 | 17:30 | 17:45 | 1.766 |
| 16.05.2020 | 17:45 | 18:00 | 1.776 |
| 16.05.2020 | 18:00 | 18:15 | 1.783 |
| 16.05.2020 | 18:15 | 18:30 | 1.792 |
| 16.05.2020 | 18:30 | 18:45 | 1.815 |
| 16.05.2020 | 18:45 | 19:00 | 1.847 |
| 16.05.2020 | 19:00 | 19:15 | 1.847 |
| 16.05.2020 | 19:15 | 19:30 | 1.822 |
| 16.05.2020 | 19:30 | 19:45 | 1.795 |
| 16.05.2020 | 19:45 | 20:00 | 1.770 |
| 16.05.2020 | 20:00 | 20:15 | 1.775 |
| 16.05.2020 | 20:15 | 20:30 | 1.760 |
| 16.05.2020 | 20:30 | 20:45 | 1.761 |
| 16.05.2020 | 20:45 | 21:00 | 1.754 |
| 16.05.2020 | 21:00 | 21:15 | 1.751 |
| 16.05.2020 | 21:15 | 21:30 | 1.661 |
| 16.05.2020 | 21:30 | 21:45 | 1.518 |
| 16.05.2020 | 21:45 | 22:00 | 1.567 |
| 16.05.2020 | 22:00 | 22:15 | 1.572 |
| 16.05.2020 | 22:15 | 22:30 | 1.523 |
| 16.05.2020 | 22:30 | 22:45 | 1.474 |
| 16.05.2020 | 22:45 | 23:00 | 1.417 |
| 16.05.2020 | 23:00 | 23:15 | 1.342 |
| 16.05.2020 | 23:15 | 23:30 | 1.273 |
| 16.05.2020 | 23:30 | 23:45 | 1.253 |
| 16.05.2020 | 23:45 | 00:00 | 1.211 |
| 17.05.2020 | 00:00 | 00:15 | 1.163 |
| 17.05.2020 | 00:15 | 00:30 | 1.135 |
| 17.05.2020 | 00:30 | 00:45 | 1.107 |
| 17.05.2020 | 00:45 | 01:00 | 1.079 |
| 17.05.2020 | 01:00 | 01:15 | 1.049 |
| 17.05.2020 | 01:15 | 01:30 | 998 |
| 17.05.2020 | 01:30 | 01:45 | 974 |
| 17.05.2020 | 01:45 | 02:00 | 960 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.05.2020 | 02:00 | 02:15 | 954 |
| 17.05.2020 | 02:15 | 02:30 | 943 |
| 17.05.2020 | 02:30 | 02:45 | 933 |
| 17.05.2020 | 02:45 | 03:00 | 932 |
| 17.05.2020 | 03:00 | 03:15 | 937 |
| 17.05.2020 | 03:15 | 03:30 | 929 |
| 17.05.2020 | 03:30 | 03:45 | 922 |
| 17.05.2020 | 03:45 | 04:00 | 911 |
| 17.05.2020 | 04:00 | 04:15 | 907 |
| 17.05.2020 | 04:15 | 04:30 | 904 |
| 17.05.2020 | 04:30 | 04:45 | 902 |
| 17.05.2020 | 04:45 | 05:00 | 877 |
| 17.05.2020 | 05:00 | 05:15 | 866 |
| 17.05.2020 | 05:15 | 05:30 | 847 |
| 17.05.2020 | 05:30 | 05:45 | 850 |
| 17.05.2020 | 05:45 | 06:00 | 858 |
| 17.05.2020 | 06:00 | 06:15 | 854 |
| 17.05.2020 | 06:15 | 06:30 | 865 |
| 17.05.2020 | 06:30 | 06:45 | 882 |
| 17.05.2020 | 06:45 | 07:00 | 905 |
| 17.05.2020 | 07:00 | 07:15 | 953 |
| 17.05.2020 | 07:15 | 07:30 | 973 |
| 17.05.2020 | 07:30 | 07:45 | 1.008 |
| 17.05.2020 | 07:45 | 08:00 | 1.053 |
| 17.05.2020 | 08:00 | 08:15 | 1.098 |
| 17.05.2020 | 08:15 | 08:30 | 1.166 |
| 17.05.2020 | 08:30 | 08:45 | 1.220 |
| 17.05.2020 | 08:45 | 09:00 | 1.273 |
| 17.05.2020 | 09:00 | 09:15 | 1.322 |
| 17.05.2020 | 09:15 | 09:30 | 1.332 |
| 17.05.2020 | 09:30 | 09:45 | 1.394 |
| 17.05.2020 | 09:45 | 10:00 | 1.417 |
| 17.05.2020 | 10:00 | 10:15 | 1.462 |
| 17.05.2020 | 10:15 | 10:30 | 1.491 |
| 17.05.2020 | 10:30 | 10:45 | 1.528 |
| 17.05.2020 | 10:45 | 11:00 | 1.563 |
| 17.05.2020 | 11:00 | 11:15 | 1.585 |
| 17.05.2020 | 11:15 | 11:30 | 1.639 |
| 17.05.2020 | 11:30 | 11:45 | 1.684 |
| 17.05.2020 | 11:45 | 12:00 | 1.719 |
| 17.05.2020 | 12:00 | 12:15 | 1.750 |
| 17.05.2020 | 12:15 | 12:30 | 1.768 |
| 17.05.2020 | 12:30 | 12:45 | 1.756 |
| 17.05.2020 | 12:45 | 13:00 | 1.737 |
| 17.05.2020 | 13:00 | 13:15 | 1.683 |
| 17.05.2020 | 13:15 | 13:30 | 1.662 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.05.2020 | 13:30 | 13:45 | 1.682 |
| 17.05.2020 | 13:45 | 14:00 | 1.635 |
| 17.05.2020 | 14:00 | 14:15 | 1.600 |
| 17.05.2020 | 14:15 | 14:30 | 1.571 |
| 17.05.2020 | 14:30 | 14:45 | 1.559 |
| 17.05.2020 | 14:45 | 15:00 | 1.553 |
| 17.05.2020 | 15:00 | 15:15 | 1.556 |
| 17.05.2020 | 15:15 | 15:30 | 1.528 |
| 17.05.2020 | 15:30 | 15:45 | 1.531 |
| 17.05.2020 | 15:45 | 16:00 | 1.501 |
| 17.05.2020 | 16:00 | 16:15 | 1.518 |
| 17.05.2020 | 16:15 | 16:30 | 1.520 |
| 17.05.2020 | 16:30 | 16:45 | 1.520 |
| 17.05.2020 | 16:45 | 17:00 | 1.567 |
| 17.05.2020 | 17:00 | 17:15 | 1.603 |
| 17.05.2020 | 17:15 | 17:30 | 1.608 |
| 17.05.2020 | 17:30 | 17:45 | 1.656 |
| 17.05.2020 | 17:45 | 18:00 | 1.681 |
| 17.05.2020 | 18:00 | 18:15 | 1.685 |
| 17.05.2020 | 18:15 | 18:30 | 1.711 |
| 17.05.2020 | 18:30 | 18:45 | 1.705 |
| 17.05.2020 | 18:45 | 19:00 | 1.700 |
| 17.05.2020 | 19:00 | 19:15 | 1.692 |
| 17.05.2020 | 19:15 | 19:30 | 1.699 |
| 17.05.2020 | 19:30 | 19:45 | 1.734 |
| 17.05.2020 | 19:45 | 20:00 | 1.733 |
| 17.05.2020 | 20:00 | 20:15 | 1.716 |
| 17.05.2020 | 20:15 | 20:30 | 1.704 |
| 17.05.2020 | 20:30 | 20:45 | 1.690 |
| 17.05.2020 | 20:45 | 21:00 | 1.712 |
| 17.05.2020 | 21:00 | 21:15 | 1.660 |
| 17.05.2020 | 21:15 | 21:30 | 1.609 |
| 17.05.2020 | 21:30 | 21:45 | 1.441 |
| 17.05.2020 | 21:45 | 22:00 | 1.495 |
| 17.05.2020 | 22:00 | 22:15 | 1.517 |
| 17.05.2020 | 22:15 | 22:30 | 1.460 |
| 17.05.2020 | 22:30 | 22:45 | 1.415 |
| 17.05.2020 | 22:45 | 23:00 | 1.381 |
| 17.05.2020 | 23:00 | 23:15 | 1.327 |
| 17.05.2020 | 23:15 | 23:30 | 1.274 |
| 17.05.2020 | 23:30 | 23:45 | 1.229 |
| 17.05.2020 | 23:45 | 00:00 | 1.177 |
| 18.05.2020 | 00:00 | 00:15 | 1.137 |
| 18.05.2020 | 00:15 | 00:30 | 1.100 |
| 18.05.2020 | 00:30 | 00:45 | 1.071 |
| 18.05.2020 | 00:45 | 01:00 | 1.054 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.05.2020 | 01:00 | 01:15 | 1.024 |
| 18.05.2020 | 01:15 | 01:30 | 1.001 |
| 18.05.2020 | 01:30 | 01:45 | 990 |
| 18.05.2020 | 01:45 | 02:00 | 993 |
| 18.05.2020 | 02:00 | 02:15 | 986 |
| 18.05.2020 | 02:15 | 02:30 | 977 |
| 18.05.2020 | 02:30 | 02:45 | 971 |
| 18.05.2020 | 02:45 | 03:00 | 974 |
| 18.05.2020 | 03:00 | 03:15 | 979 |
| 18.05.2020 | 03:15 | 03:30 | 970 |
| 18.05.2020 | 03:30 | 03:45 | 963 |
| 18.05.2020 | 03:45 | 04:00 | 971 |
| 18.05.2020 | 04:00 | 04:15 | 985 |
| 18.05.2020 | 04:15 | 04:30 | 999 |
| 18.05.2020 | 04:30 | 04:45 | 1.014 |
| 18.05.2020 | 04:45 | 05:00 | 1.032 |
| 18.05.2020 | 05:00 | 05:15 | 1.070 |
| 18.05.2020 | 05:15 | 05:30 | 1.068 |
| 18.05.2020 | 05:30 | 05:45 | 1.114 |
| 18.05.2020 | 05:45 | 06:00 | 1.174 |
| 18.05.2020 | 06:00 | 06:15 | 1.257 |
| 18.05.2020 | 06:15 | 06:30 | 1.353 |
| 18.05.2020 | 06:30 | 06:45 | 1.433 |
| 18.05.2020 | 06:45 | 07:00 | 1.510 |
| 18.05.2020 | 07:00 | 07:15 | 1.591 |
| 18.05.2020 | 07:15 | 07:30 | 1.639 |
| 18.05.2020 | 07:30 | 07:45 | 1.709 |
| 18.05.2020 | 07:45 | 08:00 | 1.772 |
| 18.05.2020 | 08:00 | 08:15 | 1.831 |
| 18.05.2020 | 08:15 | 08:30 | 1.896 |
| 18.05.2020 | 08:30 | 08:45 | 1.918 |
| 18.05.2020 | 08:45 | 09:00 | 1.945 |
| 18.05.2020 | 09:00 | 09:15 | 1.996 |
| 18.05.2020 | 09:15 | 09:30 | 2.026 |
| 18.05.2020 | 09:30 | 09:45 | 2.113 |
| 18.05.2020 | 09:45 | 10:00 | 2.143 |
| 18.05.2020 | 10:00 | 10:15 | 2.172 |
| 18.05.2020 | 10:15 | 10:30 | 2.165 |
| 18.05.2020 | 10:30 | 10:45 | 2.175 |
| 18.05.2020 | 10:45 | 11:00 | 2.191 |
| 18.05.2020 | 11:00 | 11:15 | 2.200 |
| 18.05.2020 | 11:15 | 11:30 | 2.247 |
| 18.05.2020 | 11:30 | 11:45 | 2.273 |
| 18.05.2020 | 11:45 | 12:00 | 2.307 |
| 18.05.2020 | 12:00 | 12:15 | 2.320 |
| 18.05.2020 | 12:15 | 12:30 | 2.332 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.05.2020 | 12:30 | 12:45 | 2.327 |
| 18.05.2020 | 12:45 | 13:00 | 2.297 |
| 18.05.2020 | 13:00 | 13:15 | 2.273 |
| 18.05.2020 | 13:15 | 13:30 | 2.229 |
| 18.05.2020 | 13:30 | 13:45 | 2.173 |
| 18.05.2020 | 13:45 | 14:00 | 2.163 |
| 18.05.2020 | 14:00 | 14:15 | 2.113 |
| 18.05.2020 | 14:15 | 14:30 | 2.111 |
| 18.05.2020 | 14:30 | 14:45 | 2.134 |
| 18.05.2020 | 14:45 | 15:00 | 2.139 |
| 18.05.2020 | 15:00 | 15:15 | 2.129 |
| 18.05.2020 | 15:15 | 15:30 | 2.131 |
| 18.05.2020 | 15:30 | 15:45 | 2.055 |
| 18.05.2020 | 15:45 | 16:00 | 1.998 |
| 18.05.2020 | 16:00 | 16:15 | 2.021 |
| 18.05.2020 | 16:15 | 16:30 | 1.986 |
| 18.05.2020 | 16:30 | 16:45 | 2.011 |
| 18.05.2020 | 16:45 | 17:00 | 1.990 |
| 18.05.2020 | 17:00 | 17:15 | 2.025 |
| 18.05.2020 | 17:15 | 17:30 | 2.051 |
| 18.05.2020 | 17:30 | 17:45 | 2.040 |
| 18.05.2020 | 17:45 | 18:00 | 2.104 |
| 18.05.2020 | 18:00 | 18:15 | 2.134 |
| 18.05.2020 | 18:15 | 18:30 | 2.151 |
| 18.05.2020 | 18:30 | 18:45 | 2.215 |
| 18.05.2020 | 18:45 | 19:00 | 2.238 |
| 18.05.2020 | 19:00 | 19:15 | 2.195 |
| 18.05.2020 | 19:15 | 19:30 | 2.210 |
| 18.05.2020 | 19:30 | 19:45 | 2.267 |
| 18.05.2020 | 19:45 | 20:00 | 2.244 |
| 18.05.2020 | 20:00 | 20:15 | 2.192 |
| 18.05.2020 | 20:15 | 20:30 | 2.122 |
| 18.05.2020 | 20:30 | 20:45 | 2.094 |
| 18.05.2020 | 20:45 | 21:00 | 2.102 |
| 18.05.2020 | 21:00 | 21:15 | 2.116 |
| 18.05.2020 | 21:15 | 21:30 | 2.039 |
| 18.05.2020 | 21:30 | 21:45 | 1.808 |
| 18.05.2020 | 21:45 | 22:00 | 1.785 |
| 18.05.2020 | 22:00 | 22:15 | 1.749 |
| 18.05.2020 | 22:15 | 22:30 | 1.697 |
| 18.05.2020 | 22:30 | 22:45 | 1.599 |
| 18.05.2020 | 22:45 | 23:00 | 1.535 |
| 18.05.2020 | 23:00 | 23:15 | 1.468 |
| 18.05.2020 | 23:15 | 23:30 | 1.395 |
| 18.05.2020 | 23:30 | 23:45 | 1.340 |
| 18.05.2020 | 23:45 | 00:00 | 1.279 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.05.2020 | 00:00 | 00:15 | 1.214 |
| 19.05.2020 | 00:15 | 00:30 | 1.188 |
| 19.05.2020 | 00:30 | 00:45 | 1.162 |
| 19.05.2020 | 00:45 | 01:00 | 1.116 |
| 19.05.2020 | 01:00 | 01:15 | 1.096 |
| 19.05.2020 | 01:15 | 01:30 | 1.062 |
| 19.05.2020 | 01:30 | 01:45 | 1.040 |
| 19.05.2020 | 01:45 | 02:00 | 1.027 |
| 19.05.2020 | 02:00 | 02:15 | 1.015 |
| 19.05.2020 | 02:15 | 02:30 | 1.005 |
| 19.05.2020 | 02:30 | 02:45 | 995 |
| 19.05.2020 | 02:45 | 03:00 | 993 |
| 19.05.2020 | 03:00 | 03:15 | 987 |
| 19.05.2020 | 03:15 | 03:30 | 975 |
| 19.05.2020 | 03:30 | 03:45 | 979 |
| 19.05.2020 | 03:45 | 04:00 | 971 |
| 19.05.2020 | 04:00 | 04:15 | 994 |
| 19.05.2020 | 04:15 | 04:30 | 1.002 |
| 19.05.2020 | 04:30 | 04:45 | 1.025 |
| 19.05.2020 | 04:45 | 05:00 | 1.047 |
| 19.05.2020 | 05:00 | 05:15 | 1.073 |
| 19.05.2020 | 05:15 | 05:30 | 1.076 |
| 19.05.2020 | 05:30 | 05:45 | 1.102 |
| 19.05.2020 | 05:45 | 06:00 | 1.168 |
| 19.05.2020 | 06:00 | 06:15 | 1.254 |
| 19.05.2020 | 06:15 | 06:30 | 1.345 |
| 19.05.2020 | 06:30 | 06:45 | 1.413 |
| 19.05.2020 | 06:45 | 07:00 | 1.466 |
| 19.05.2020 | 07:00 | 07:15 | 1.552 |
| 19.05.2020 | 07:15 | 07:30 | 1.588 |
| 19.05.2020 | 07:30 | 07:45 | 1.678 |
| 19.05.2020 | 07:45 | 08:00 | 1.723 |
| 19.05.2020 | 08:00 | 08:15 | 1.803 |
| 19.05.2020 | 08:15 | 08:30 | 1.844 |
| 19.05.2020 | 08:30 | 08:45 | 1.879 |
| 19.05.2020 | 08:45 | 09:00 | 1.911 |
| 19.05.2020 | 09:00 | 09:15 | 1.966 |
| 19.05.2020 | 09:15 | 09:30 | 1.993 |
| 19.05.2020 | 09:30 | 09:45 | 2.032 |
| 19.05.2020 | 09:45 | 10:00 | 2.080 |
| 19.05.2020 | 10:00 | 10:15 | 2.101 |
| 19.05.2020 | 10:15 | 10:30 | 2.111 |
| 19.05.2020 | 10:30 | 10:45 | 2.114 |
| 19.05.2020 | 10:45 | 11:00 | 2.121 |
| 19.05.2020 | 11:00 | 11:15 | 2.166 |
| 19.05.2020 | 11:15 | 11:30 | 2.189 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.05.2020 | 11:30 | 11:45 | 2.243 |
| 19.05.2020 | 11:45 | 12:00 | 2.243 |
| 19.05.2020 | 12:00 | 12:15 | 2.298 |
| 19.05.2020 | 12:15 | 12:30 | 2.296 |
| 19.05.2020 | 12:30 | 12:45 | 2.279 |
| 19.05.2020 | 12:45 | 13:00 | 2.292 |
| 19.05.2020 | 13:00 | 13:15 | 2.255 |
| 19.05.2020 | 13:15 | 13:30 | 2.217 |
| 19.05.2020 | 13:30 | 13:45 | 2.215 |
| 19.05.2020 | 13:45 | 14:00 | 2.176 |
| 19.05.2020 | 14:00 | 14:15 | 2.168 |
| 19.05.2020 | 14:15 | 14:30 | 2.136 |
| 19.05.2020 | 14:30 | 14:45 | 2.133 |
| 19.05.2020 | 14:45 | 15:00 | 2.135 |
| 19.05.2020 | 15:00 | 15:15 | 2.095 |
| 19.05.2020 | 15:15 | 15:30 | 2.132 |
| 19.05.2020 | 15:30 | 15:45 | 2.079 |
| 19.05.2020 | 15:45 | 16:00 | 2.062 |
| 19.05.2020 | 16:00 | 16:15 | 2.152 |
| 19.05.2020 | 16:15 | 16:30 | 2.198 |
| 19.05.2020 | 16:30 | 16:45 | 2.159 |
| 19.05.2020 | 16:45 | 17:00 | 2.162 |
| 19.05.2020 | 17:00 | 17:15 | 2.216 |
| 19.05.2020 | 17:15 | 17:30 | 2.236 |
| 19.05.2020 | 17:30 | 17:45 | 2.267 |
| 19.05.2020 | 17:45 | 18:00 | 2.312 |
| 19.05.2020 | 18:00 | 18:15 | 2.326 |
| 19.05.2020 | 18:15 | 18:30 | 2.358 |
| 19.05.2020 | 18:30 | 18:45 | 2.326 |
| 19.05.2020 | 18:45 | 19:00 | 2.298 |
| 19.05.2020 | 19:00 | 19:15 | 2.264 |
| 19.05.2020 | 19:15 | 19:30 | 2.279 |
| 19.05.2020 | 19:30 | 19:45 | 2.238 |
| 19.05.2020 | 19:45 | 20:00 | 2.225 |
| 19.05.2020 | 20:00 | 20:15 | 2.176 |
| 19.05.2020 | 20:15 | 20:30 | 2.171 |
| 19.05.2020 | 20:30 | 20:45 | 2.202 |
| 19.05.2020 | 20:45 | 21:00 | 2.247 |
| 19.05.2020 | 21:00 | 21:15 | 2.233 |
| 19.05.2020 | 21:15 | 21:30 | 2.130 |
| 19.05.2020 | 21:30 | 21:45 | 1.902 |
| 19.05.2020 | 21:45 | 22:00 | 1.932 |
| 19.05.2020 | 22:00 | 22:15 | 1.878 |
| 19.05.2020 | 22:15 | 22:30 | 1.837 |
| 19.05.2020 | 22:30 | 22:45 | 1.746 |
| 19.05.2020 | 22:45 | 23:00 | 1.653 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.05.2020 | 23:00 | 23:15 | 1.572 |
| 19.05.2020 | 23:15 | 23:30 | 1.501 |
| 19.05.2020 | 23:30 | 23:45 | 1.442 |
| 19.05.2020 | 23:45 | 00:00 | 1.387 |
| 20.05.2020 | 00:00 | 00:15 | 1.337 |
| 20.05.2020 | 00:15 | 00:30 | 1.291 |
| 20.05.2020 | 00:30 | 00:45 | 1.243 |
| 20.05.2020 | 00:45 | 01:00 | 1.199 |
| 20.05.2020 | 01:00 | 01:15 | 1.171 |
| 20.05.2020 | 01:15 | 01:30 | 1.145 |
| 20.05.2020 | 01:30 | 01:45 | 1.107 |
| 20.05.2020 | 01:45 | 02:00 | 1.087 |
| 20.05.2020 | 02:00 | 02:15 | 1.091 |
| 20.05.2020 | 02:15 | 02:30 | 1.082 |
| 20.05.2020 | 02:30 | 02:45 | 1.060 |
| 20.05.2020 | 02:45 | 03:00 | 1.051 |
| 20.05.2020 | 03:00 | 03:15 | 1.044 |
| 20.05.2020 | 03:15 | 03:30 | 1.029 |
| 20.05.2020 | 03:30 | 03:45 | 1.032 |
| 20.05.2020 | 03:45 | 04:00 | 1.045 |
| 20.05.2020 | 04:00 | 04:15 | 1.043 |
| 20.05.2020 | 04:15 | 04:30 | 1.046 |
| 20.05.2020 | 04:30 | 04:45 | 1.075 |
| 20.05.2020 | 04:45 | 05:00 | 1.088 |
| 20.05.2020 | 05:00 | 05:15 | 1.090 |
| 20.05.2020 | 05:15 | 05:30 | 1.111 |
| 20.05.2020 | 05:30 | 05:45 | 1.156 |
| 20.05.2020 | 05:45 | 06:00 | 1.218 |
| 20.05.2020 | 06:00 | 06:15 | 1.303 |
| 20.05.2020 | 06:15 | 06:30 | 1.376 |
| 20.05.2020 | 06:30 | 06:45 | 1.452 |
| 20.05.2020 | 06:45 | 07:00 | 1.527 |
| 20.05.2020 | 07:00 | 07:15 | 1.596 |
| 20.05.2020 | 07:15 | 07:30 | 1.658 |
| 20.05.2020 | 07:30 | 07:45 | 1.749 |
| 20.05.2020 | 07:45 | 08:00 | 1.790 |
| 20.05.2020 | 08:00 | 08:15 | 1.862 |
| 20.05.2020 | 08:15 | 08:30 | 1.900 |
| 20.05.2020 | 08:30 | 08:45 | 1.923 |
| 20.05.2020 | 08:45 | 09:00 | 1.976 |
| 20.05.2020 | 09:00 | 09:15 | 2.025 |
| 20.05.2020 | 09:15 | 09:30 | 2.076 |
| 20.05.2020 | 09:30 | 09:45 | 2.119 |
| 20.05.2020 | 09:45 | 10:00 | 2.126 |
| 20.05.2020 | 10:00 | 10:15 | 2.175 |
| 20.05.2020 | 10:15 | 10:30 | 2.211 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.05.2020 | 10:30 | 10:45 | 2.243 |
| 20.05.2020 | 10:45 | 11:00 | 2.268 |
| 20.05.2020 | 11:00 | 11:15 | 2.299 |
| 20.05.2020 | 11:15 | 11:30 | 2.317 |
| 20.05.2020 | 11:30 | 11:45 | 2.368 |
| 20.05.2020 | 11:45 | 12:00 | 2.413 |
| 20.05.2020 | 12:00 | 12:15 | 2.384 |
| 20.05.2020 | 12:15 | 12:30 | 2.416 |
| 20.05.2020 | 12:30 | 12:45 | 2.405 |
| 20.05.2020 | 12:45 | 13:00 | 2.416 |
| 20.05.2020 | 13:00 | 13:15 | 2.409 |
| 20.05.2020 | 13:15 | 13:30 | 2.417 |
| 20.05.2020 | 13:30 | 13:45 | 2.354 |
| 20.05.2020 | 13:45 | 14:00 | 2.270 |
| 20.05.2020 | 14:00 | 14:15 | 2.255 |
| 20.05.2020 | 14:15 | 14:30 | 2.195 |
| 20.05.2020 | 14:30 | 14:45 | 2.171 |
| 20.05.2020 | 14:45 | 15:00 | 2.113 |
| 20.05.2020 | 15:00 | 15:15 | 2.087 |
| 20.05.2020 | 15:15 | 15:30 | 2.100 |
| 20.05.2020 | 15:30 | 15:45 | 2.076 |
| 20.05.2020 | 15:45 | 16:00 | 2.080 |
| 20.05.2020 | 16:00 | 16:15 | 2.068 |
| 20.05.2020 | 16:15 | 16:30 | 2.104 |
| 20.05.2020 | 16:30 | 16:45 | 2.104 |
| 20.05.2020 | 16:45 | 17:00 | 2.117 |
| 20.05.2020 | 17:00 | 17:15 | 2.134 |
| 20.05.2020 | 17:15 | 17:30 | 2.128 |
| 20.05.2020 | 17:30 | 17:45 | 2.149 |
| 20.05.2020 | 17:45 | 18:00 | 2.145 |
| 20.05.2020 | 18:00 | 18:15 | 2.122 |
| 20.05.2020 | 18:15 | 18:30 | 2.153 |
| 20.05.2020 | 18:30 | 18:45 | 2.180 |
| 20.05.2020 | 18:45 | 19:00 | 2.213 |
| 20.05.2020 | 19:00 | 19:15 | 2.140 |
| 20.05.2020 | 19:15 | 19:30 | 2.171 |
| 20.05.2020 | 19:30 | 19:45 | 2.172 |
| 20.05.2020 | 19:45 | 20:00 | 2.139 |
| 20.05.2020 | 20:00 | 20:15 | 2.085 |
| 20.05.2020 | 20:15 | 20:30 | 2.066 |
| 20.05.2020 | 20:30 | 20:45 | 2.048 |
| 20.05.2020 | 20:45 | 21:00 | 2.023 |
| 20.05.2020 | 21:00 | 21:15 | 1.960 |
| 20.05.2020 | 21:15 | 21:30 | 1.907 |
| 20.05.2020 | 21:30 | 21:45 | 1.712 |
| 20.05.2020 | 21:45 | 22:00 | 1.682 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.05.2020 | 22:00 | 22:15 | 1.702 |
| 20.05.2020 | 22:15 | 22:30 | 1.680 |
| 20.05.2020 | 22:30 | 22:45 | 1.612 |
| 20.05.2020 | 22:45 | 23:00 | 1.525 |
| 20.05.2020 | 23:00 | 23:15 | 1.457 |
| 20.05.2020 | 23:15 | 23:30 | 1.402 |
| 20.05.2020 | 23:30 | 23:45 | 1.341 |
| 20.05.2020 | 23:45 | 00:00 | 1.289 |
| 21.05.2020 | 00:00 | 00:15 | 1.239 |
| 21.05.2020 | 00:15 | 00:30 | 1.206 |
| 21.05.2020 | 00:30 | 00:45 | 1.177 |
| 21.05.2020 | 00:45 | 01:00 | 1.141 |
| 21.05.2020 | 01:00 | 01:15 | 1.091 |
| 21.05.2020 | 01:15 | 01:30 | 1.055 |
| 21.05.2020 | 01:30 | 01:45 | 1.035 |
| 21.05.2020 | 01:45 | 02:00 | 1.017 |
| 21.05.2020 | 02:00 | 02:15 | 1.008 |
| 21.05.2020 | 02:15 | 02:30 | 999 |
| 21.05.2020 | 02:30 | 02:45 | 980 |
| 21.05.2020 | 02:45 | 03:00 | 977 |
| 21.05.2020 | 03:00 | 03:15 | 974 |
| 21.05.2020 | 03:15 | 03:30 | 953 |
| 21.05.2020 | 03:30 | 03:45 | 941 |
| 21.05.2020 | 03:45 | 04:00 | 933 |
| 21.05.2020 | 04:00 | 04:15 | 924 |
| 21.05.2020 | 04:15 | 04:30 | 919 |
| 21.05.2020 | 04:30 | 04:45 | 915 |
| 21.05.2020 | 04:45 | 05:00 | 914 |
| 21.05.2020 | 05:00 | 05:15 | 887 |
| 21.05.2020 | 05:15 | 05:30 | 877 |
| 21.05.2020 | 05:30 | 05:45 | 877 |
| 21.05.2020 | 05:45 | 06:00 | 880 |
| 21.05.2020 | 06:00 | 06:15 | 894 |
| 21.05.2020 | 06:15 | 06:30 | 898 |
| 21.05.2020 | 06:30 | 06:45 | 915 |
| 21.05.2020 | 06:45 | 07:00 | 932 |
| 21.05.2020 | 07:00 | 07:15 | 960 |
| 21.05.2020 | 07:15 | 07:30 | 990 |
| 21.05.2020 | 07:30 | 07:45 | 1.038 |
| 21.05.2020 | 07:45 | 08:00 | 1.089 |
| 21.05.2020 | 08:00 | 08:15 | 1.145 |
| 21.05.2020 | 08:15 | 08:30 | 1.213 |
| 21.05.2020 | 08:30 | 08:45 | 1.250 |
| 21.05.2020 | 08:45 | 09:00 | 1.308 |
| 21.05.2020 | 09:00 | 09:15 | 1.355 |
| 21.05.2020 | 09:15 | 09:30 | 1.405 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.05.2020 | 09:30 | 09:45 | 1.419 |
| 21.05.2020 | 09:45 | 10:00 | 1.463 |
| 21.05.2020 | 10:00 | 10:15 | 1.490 |
| 21.05.2020 | 10:15 | 10:30 | 1.514 |
| 21.05.2020 | 10:30 | 10:45 | 1.543 |
| 21.05.2020 | 10:45 | 11:00 | 1.588 |
| 21.05.2020 | 11:00 | 11:15 | 1.610 |
| 21.05.2020 | 11:15 | 11:30 | 1.624 |
| 21.05.2020 | 11:30 | 11:45 | 1.672 |
| 21.05.2020 | 11:45 | 12:00 | 1.700 |
| 21.05.2020 | 12:00 | 12:15 | 1.690 |
| 21.05.2020 | 12:15 | 12:30 | 1.679 |
| 21.05.2020 | 12:30 | 12:45 | 1.673 |
| 21.05.2020 | 12:45 | 13:00 | 1.643 |
| 21.05.2020 | 13:00 | 13:15 | 1.623 |
| 21.05.2020 | 13:15 | 13:30 | 1.602 |
| 21.05.2020 | 13:30 | 13:45 | 1.585 |
| 21.05.2020 | 13:45 | 14:00 | 1.540 |
| 21.05.2020 | 14:00 | 14:15 | 1.516 |
| 21.05.2020 | 14:15 | 14:30 | 1.508 |
| 21.05.2020 | 14:30 | 14:45 | 1.480 |
| 21.05.2020 | 14:45 | 15:00 | 1.457 |
| 21.05.2020 | 15:00 | 15:15 | 1.452 |
| 21.05.2020 | 15:15 | 15:30 | 1.433 |
| 21.05.2020 | 15:30 | 15:45 | 1.424 |
| 21.05.2020 | 15:45 | 16:00 | 1.419 |
| 21.05.2020 | 16:00 | 16:15 | 1.404 |
| 21.05.2020 | 16:15 | 16:30 | 1.409 |
| 21.05.2020 | 16:30 | 16:45 | 1.421 |
| 21.05.2020 | 16:45 | 17:00 | 1.439 |
| 21.05.2020 | 17:00 | 17:15 | 1.440 |
| 21.05.2020 | 17:15 | 17:30 | 1.441 |
| 21.05.2020 | 17:30 | 17:45 | 1.448 |
| 21.05.2020 | 17:45 | 18:00 | 1.481 |
| 21.05.2020 | 18:00 | 18:15 | 1.485 |
| 21.05.2020 | 18:15 | 18:30 | 1.497 |
| 21.05.2020 | 18:30 | 18:45 | 1.541 |
| 21.05.2020 | 18:45 | 19:00 | 1.605 |
| 21.05.2020 | 19:00 | 19:15 | 1.618 |
| 21.05.2020 | 19:15 | 19:30 | 1.618 |
| 21.05.2020 | 19:30 | 19:45 | 1.603 |
| 21.05.2020 | 19:45 | 20:00 | 1.611 |
| 21.05.2020 | 20:00 | 20:15 | 1.612 |
| 21.05.2020 | 20:15 | 20:30 | 1.609 |
| 21.05.2020 | 20:30 | 20:45 | 1.626 |
| 21.05.2020 | 20:45 | 21:00 | 1.658 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.05.2020 | 21:00 | 21:15 | 1.684 |
| 21.05.2020 | 21:15 | 21:30 | 1.694 |
| 21.05.2020 | 21:30 | 21:45 | 1.540 |
| 21.05.2020 | 21:45 | 22:00 | 1.545 |
| 21.05.2020 | 22:00 | 22:15 | 1.578 |
| 21.05.2020 | 22:15 | 22:30 | 1.547 |
| 21.05.2020 | 22:30 | 22:45 | 1.492 |
| 21.05.2020 | 22:45 | 23:00 | 1.438 |
| 21.05.2020 | 23:00 | 23:15 | 1.383 |
| 21.05.2020 | 23:15 | 23:30 | 1.315 |
| 21.05.2020 | 23:30 | 23:45 | 1.269 |
| 21.05.2020 | 23:45 | 00:00 | 1.193 |
| 22.05.2020 | 00:00 | 00:15 | 1.148 |
| 22.05.2020 | 00:15 | 00:30 | 1.113 |
| 22.05.2020 | 00:30 | 00:45 | 1.083 |
| 22.05.2020 | 00:45 | 01:00 | 1.062 |
| 22.05.2020 | 01:00 | 01:15 | 1.075 |
| 22.05.2020 | 01:15 | 01:30 | 1.056 |
| 22.05.2020 | 01:30 | 01:45 | 1.028 |
| 22.05.2020 | 01:45 | 02:00 | 1.020 |
| 22.05.2020 | 02:00 | 02:15 | 1.007 |
| 22.05.2020 | 02:15 | 02:30 | 997 |
| 22.05.2020 | 02:30 | 02:45 | 988 |
| 22.05.2020 | 02:45 | 03:00 | 983 |
| 22.05.2020 | 03:00 | 03:15 | 987 |
| 22.05.2020 | 03:15 | 03:30 | 966 |
| 22.05.2020 | 03:30 | 03:45 | 904 |
| 22.05.2020 | 03:45 | 04:00 | 903 |
| 22.05.2020 | 04:00 | 04:15 | 926 |
| 22.05.2020 | 04:15 | 04:30 | 939 |
| 22.05.2020 | 04:30 | 04:45 | 949 |
| 22.05.2020 | 04:45 | 05:00 | 954 |
| 22.05.2020 | 05:00 | 05:15 | 952 |
| 22.05.2020 | 05:15 | 05:30 | 957 |
| 22.05.2020 | 05:30 | 05:45 | 978 |
| 22.05.2020 | 05:45 | 06:00 | 1.007 |
| 22.05.2020 | 06:00 | 06:15 | 1.069 |
| 22.05.2020 | 06:15 | 06:30 | 1.127 |
| 22.05.2020 | 06:30 | 06:45 | 1.171 |
| 22.05.2020 | 06:45 | 07:00 | 1.212 |
| 22.05.2020 | 07:00 | 07:15 | 1.270 |
| 22.05.2020 | 07:15 | 07:30 | 1.322 |
| 22.05.2020 | 07:30 | 07:45 | 1.404 |
| 22.05.2020 | 07:45 | 08:00 | 1.472 |
| 22.05.2020 | 08:00 | 08:15 | 1.510 |
| 22.05.2020 | 08:15 | 08:30 | 1.525 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.05.2020 | 08:30 | 08:45 | 1.597 |
| 22.05.2020 | 08:45 | 09:00 | 1.636 |
| 22.05.2020 | 09:00 | 09:15 | 1.709 |
| 22.05.2020 | 09:15 | 09:30 | 1.756 |
| 22.05.2020 | 09:30 | 09:45 | 1.821 |
| 22.05.2020 | 09:45 | 10:00 | 1.913 |
| 22.05.2020 | 10:00 | 10:15 | 1.959 |
| 22.05.2020 | 10:15 | 10:30 | 1.988 |
| 22.05.2020 | 10:30 | 10:45 | 2.000 |
| 22.05.2020 | 10:45 | 11:00 | 2.047 |
| 22.05.2020 | 11:00 | 11:15 | 2.058 |
| 22.05.2020 | 11:15 | 11:30 | 2.097 |
| 22.05.2020 | 11:30 | 11:45 | 2.116 |
| 22.05.2020 | 11:45 | 12:00 | 2.126 |
| 22.05.2020 | 12:00 | 12:15 | 2.142 |
| 22.05.2020 | 12:15 | 12:30 | 2.109 |
| 22.05.2020 | 12:30 | 12:45 | 2.138 |
| 22.05.2020 | 12:45 | 13:00 | 2.151 |
| 22.05.2020 | 13:00 | 13:15 | 2.157 |
| 22.05.2020 | 13:15 | 13:30 | 2.135 |
| 22.05.2020 | 13:30 | 13:45 | 2.139 |
| 22.05.2020 | 13:45 | 14:00 | 2.101 |
| 22.05.2020 | 14:00 | 14:15 | 2.095 |
| 22.05.2020 | 14:15 | 14:30 | 2.090 |
| 22.05.2020 | 14:30 | 14:45 | 2.053 |
| 22.05.2020 | 14:45 | 15:00 | 2.057 |
| 22.05.2020 | 15:00 | 15:15 | 2.078 |
| 22.05.2020 | 15:15 | 15:30 | 2.098 |
| 22.05.2020 | 15:30 | 15:45 | 2.082 |
| 22.05.2020 | 15:45 | 16:00 | 2.073 |
| 22.05.2020 | 16:00 | 16:15 | 2.078 |
| 22.05.2020 | 16:15 | 16:30 | 2.063 |
| 22.05.2020 | 16:30 | 16:45 | 2.094 |
| 22.05.2020 | 16:45 | 17:00 | 2.127 |
| 22.05.2020 | 17:00 | 17:15 | 2.129 |
| 22.05.2020 | 17:15 | 17:30 | 2.130 |
| 22.05.2020 | 17:30 | 17:45 | 2.123 |
| 22.05.2020 | 17:45 | 18:00 | 2.143 |
| 22.05.2020 | 18:00 | 18:15 | 2.121 |
| 22.05.2020 | 18:15 | 18:30 | 2.096 |
| 22.05.2020 | 18:30 | 18:45 | 2.089 |
| 22.05.2020 | 18:45 | 19:00 | 2.114 |
| 22.05.2020 | 19:00 | 19:15 | 2.101 |
| 22.05.2020 | 19:15 | 19:30 | 2.057 |
| 22.05.2020 | 19:30 | 19:45 | 2.059 |
| 22.05.2020 | 19:45 | 20:00 | 2.064 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.05.2020 | 20:00 | 20:15 | 2.004 |
| 22.05.2020 | 20:15 | 20:30 | 1.992 |
| 22.05.2020 | 20:30 | 20:45 | 1.969 |
| 22.05.2020 | 20:45 | 21:00 | 1.932 |
| 22.05.2020 | 21:00 | 21:15 | 1.953 |
| 22.05.2020 | 21:15 | 21:30 | 1.947 |
| 22.05.2020 | 21:30 | 21:45 | 1.758 |
| 22.05.2020 | 21:45 | 22:00 | 1.704 |
| 22.05.2020 | 22:00 | 22:15 | 1.707 |
| 22.05.2020 | 22:15 | 22:30 | 1.662 |
| 22.05.2020 | 22:30 | 22:45 | 1.596 |
| 22.05.2020 | 22:45 | 23:00 | 1.538 |
| 22.05.2020 | 23:00 | 23:15 | 1.494 |
| 22.05.2020 | 23:15 | 23:30 | 1.444 |
| 22.05.2020 | 23:30 | 23:45 | 1.409 |
| 22.05.2020 | 23:45 | 00:00 | 1.354 |
| 23.05.2020 | 00:00 | 00:15 | 1.305 |
| 23.05.2020 | 00:15 | 00:30 | 1.265 |
| 23.05.2020 | 00:30 | 00:45 | 1.237 |
| 23.05.2020 | 00:45 | 01:00 | 1.195 |
| 23.05.2020 | 01:00 | 01:15 | 1.153 |
| 23.05.2020 | 01:15 | 01:30 | 1.117 |
| 23.05.2020 | 01:30 | 01:45 | 1.086 |
| 23.05.2020 | 01:45 | 02:00 | 1.075 |
| 23.05.2020 | 02:00 | 02:15 | 1.071 |
| 23.05.2020 | 02:15 | 02:30 | 1.062 |
| 23.05.2020 | 02:30 | 02:45 | 1.052 |
| 23.05.2020 | 02:45 | 03:00 | 1.046 |
| 23.05.2020 | 03:00 | 03:15 | 1.046 |
| 23.05.2020 | 03:15 | 03:30 | 1.019 |
| 23.05.2020 | 03:30 | 03:45 | 1.007 |
| 23.05.2020 | 03:45 | 04:00 | 1.002 |
| 23.05.2020 | 04:00 | 04:15 | 1.003 |
| 23.05.2020 | 04:15 | 04:30 | 998 |
| 23.05.2020 | 04:30 | 04:45 | 981 |
| 23.05.2020 | 04:45 | 05:00 | 972 |
| 23.05.2020 | 05:00 | 05:15 | 971 |
| 23.05.2020 | 05:15 | 05:30 | 958 |
| 23.05.2020 | 05:30 | 05:45 | 960 |
| 23.05.2020 | 05:45 | 06:00 | 975 |
| 23.05.2020 | 06:00 | 06:15 | 997 |
| 23.05.2020 | 06:15 | 06:30 | 1.009 |
| 23.05.2020 | 06:30 | 06:45 | 1.029 |
| 23.05.2020 | 06:45 | 07:00 | 1.049 |
| 23.05.2020 | 07:00 | 07:15 | 1.083 |
| 23.05.2020 | 07:15 | 07:30 | 1.109 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.05.2020 | 07:30 | 07:45 | 1.149 |
| 23.05.2020 | 07:45 | 08:00 | 1.204 |
| 23.05.2020 | 08:00 | 08:15 | 1.269 |
| 23.05.2020 | 08:15 | 08:30 | 1.321 |
| 23.05.2020 | 08:30 | 08:45 | 1.366 |
| 23.05.2020 | 08:45 | 09:00 | 1.419 |
| 23.05.2020 | 09:00 | 09:15 | 1.476 |
| 23.05.2020 | 09:15 | 09:30 | 1.539 |
| 23.05.2020 | 09:30 | 09:45 | 1.583 |
| 23.05.2020 | 09:45 | 10:00 | 1.632 |
| 23.05.2020 | 10:00 | 10:15 | 1.673 |
| 23.05.2020 | 10:15 | 10:30 | 1.695 |
| 23.05.2020 | 10:30 | 10:45 | 1.720 |
| 23.05.2020 | 10:45 | 11:00 | 1.757 |
| 23.05.2020 | 11:00 | 11:15 | 1.808 |
| 23.05.2020 | 11:15 | 11:30 | 1.823 |
| 23.05.2020 | 11:30 | 11:45 | 1.850 |
| 23.05.2020 | 11:45 | 12:00 | 1.854 |
| 23.05.2020 | 12:00 | 12:15 | 1.863 |
| 23.05.2020 | 12:15 | 12:30 | 1.856 |
| 23.05.2020 | 12:30 | 12:45 | 1.834 |
| 23.05.2020 | 12:45 | 13:00 | 1.850 |
| 23.05.2020 | 13:00 | 13:15 | 1.828 |
| 23.05.2020 | 13:15 | 13:30 | 1.822 |
| 23.05.2020 | 13:30 | 13:45 | 1.809 |
| 23.05.2020 | 13:45 | 14:00 | 1.799 |
| 23.05.2020 | 14:00 | 14:15 | 1.794 |
| 23.05.2020 | 14:15 | 14:30 | 1.767 |
| 23.05.2020 | 14:30 | 14:45 | 1.757 |
| 23.05.2020 | 14:45 | 15:00 | 1.739 |
| 23.05.2020 | 15:00 | 15:15 | 1.705 |
| 23.05.2020 | 15:15 | 15:30 | 1.740 |
| 23.05.2020 | 15:30 | 15:45 | 1.758 |
| 23.05.2020 | 15:45 | 16:00 | 1.744 |
| 23.05.2020 | 16:00 | 16:15 | 1.735 |
| 23.05.2020 | 16:15 | 16:30 | 1.716 |
| 23.05.2020 | 16:30 | 16:45 | 1.726 |
| 23.05.2020 | 16:45 | 17:00 | 1.733 |
| 23.05.2020 | 17:00 | 17:15 | 1.712 |
| 23.05.2020 | 17:15 | 17:30 | 1.751 |
| 23.05.2020 | 17:30 | 17:45 | 1.803 |
| 23.05.2020 | 17:45 | 18:00 | 1.851 |
| 23.05.2020 | 18:00 | 18:15 | 1.841 |
| 23.05.2020 | 18:15 | 18:30 | 1.832 |
| 23.05.2020 | 18:30 | 18:45 | 1.830 |
| 23.05.2020 | 18:45 | 19:00 | 1.848 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.05.2020 | 19:00 | 19:15 | 1.870 |
| 23.05.2020 | 19:15 | 19:30 | 1.830 |
| 23.05.2020 | 19:30 | 19:45 | 1.823 |
| 23.05.2020 | 19:45 | 20:00 | 1.838 |
| 23.05.2020 | 20:00 | 20:15 | 1.873 |
| 23.05.2020 | 20:15 | 20:30 | 1.879 |
| 23.05.2020 | 20:30 | 20:45 | 1.796 |
| 23.05.2020 | 20:45 | 21:00 | 1.754 |
| 23.05.2020 | 21:00 | 21:15 | 1.728 |
| 23.05.2020 | 21:15 | 21:30 | 1.735 |
| 23.05.2020 | 21:30 | 21:45 | 1.601 |
| 23.05.2020 | 21:45 | 22:00 | 1.627 |
| 23.05.2020 | 22:00 | 22:15 | 1.634 |
| 23.05.2020 | 22:15 | 22:30 | 1.601 |
| 23.05.2020 | 22:30 | 22:45 | 1.556 |
| 23.05.2020 | 22:45 | 23:00 | 1.493 |
| 23.05.2020 | 23:00 | 23:15 | 1.431 |
| 23.05.2020 | 23:15 | 23:30 | 1.355 |
| 23.05.2020 | 23:30 | 23:45 | 1.305 |
| 23.05.2020 | 23:45 | 00:00 | 1.186 |
| 24.05.2020 | 00:00 | 00:15 | 1.121 |
| 24.05.2020 | 00:15 | 00:30 | 1.080 |
| 24.05.2020 | 00:30 | 00:45 | 1.049 |
| 24.05.2020 | 00:45 | 01:00 | 1.023 |
| 24.05.2020 | 01:00 | 01:15 | 993 |
| 24.05.2020 | 01:15 | 01:30 | 963 |
| 24.05.2020 | 01:30 | 01:45 | 962 |
| 24.05.2020 | 01:45 | 02:00 | 961 |
| 24.05.2020 | 02:00 | 02:15 | 954 |
| 24.05.2020 | 02:15 | 02:30 | 936 |
| 24.05.2020 | 02:30 | 02:45 | 925 |
| 24.05.2020 | 02:45 | 03:00 | 917 |
| 24.05.2020 | 03:00 | 03:15 | 914 |
| 24.05.2020 | 03:15 | 03:30 | 906 |
| 24.05.2020 | 03:30 | 03:45 | 898 |
| 24.05.2020 | 03:45 | 04:00 | 900 |
| 24.05.2020 | 04:00 | 04:15 | 893 |
| 24.05.2020 | 04:15 | 04:30 | 895 |
| 24.05.2020 | 04:30 | 04:45 | 889 |
| 24.05.2020 | 04:45 | 05:00 | 896 |
| 24.05.2020 | 05:00 | 05:15 | 881 |
| 24.05.2020 | 05:15 | 05:30 | 869 |
| 24.05.2020 | 05:30 | 05:45 | 876 |
| 24.05.2020 | 05:45 | 06:00 | 892 |
| 24.05.2020 | 06:00 | 06:15 | 903 |
| 24.05.2020 | 06:15 | 06:30 | 915 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.05.2020 | 06:30 | 06:45 | 933 |
| 24.05.2020 | 06:45 | 07:00 | 954 |
| 24.05.2020 | 07:00 | 07:15 | 976 |
| 24.05.2020 | 07:15 | 07:30 | 1.007 |
| 24.05.2020 | 07:30 | 07:45 | 1.057 |
| 24.05.2020 | 07:45 | 08:00 | 1.104 |
| 24.05.2020 | 08:00 | 08:15 | 1.139 |
| 24.05.2020 | 08:15 | 08:30 | 1.192 |
| 24.05.2020 | 08:30 | 08:45 | 1.255 |
| 24.05.2020 | 08:45 | 09:00 | 1.311 |
| 24.05.2020 | 09:00 | 09:15 | 1.377 |
| 24.05.2020 | 09:15 | 09:30 | 1.440 |
| 24.05.2020 | 09:30 | 09:45 | 1.467 |
| 24.05.2020 | 09:45 | 10:00 | 1.513 |
| 24.05.2020 | 10:00 | 10:15 | 1.568 |
| 24.05.2020 | 10:15 | 10:30 | 1.605 |
| 24.05.2020 | 10:30 | 10:45 | 1.626 |
| 24.05.2020 | 10:45 | 11:00 | 1.664 |
| 24.05.2020 | 11:00 | 11:15 | 1.708 |
| 24.05.2020 | 11:15 | 11:30 | 1.748 |
| 24.05.2020 | 11:30 | 11:45 | 1.782 |
| 24.05.2020 | 11:45 | 12:00 | 1.810 |
| 24.05.2020 | 12:00 | 12:15 | 1.841 |
| 24.05.2020 | 12:15 | 12:30 | 1.861 |
| 24.05.2020 | 12:30 | 12:45 | 1.884 |
| 24.05.2020 | 12:45 | 13:00 | 1.882 |
| 24.05.2020 | 13:00 | 13:15 | 1.833 |
| 24.05.2020 | 13:15 | 13:30 | 1.826 |
| 24.05.2020 | 13:30 | 13:45 | 1.773 |
| 24.05.2020 | 13:45 | 14:00 | 1.713 |
| 24.05.2020 | 14:00 | 14:15 | 1.656 |
| 24.05.2020 | 14:15 | 14:30 | 1.655 |
| 24.05.2020 | 14:30 | 14:45 | 1.683 |
| 24.05.2020 | 14:45 | 15:00 | 1.666 |
| 24.05.2020 | 15:00 | 15:15 | 1.622 |
| 24.05.2020 | 15:15 | 15:30 | 1.566 |
| 24.05.2020 | 15:30 | 15:45 | 1.566 |
| 24.05.2020 | 15:45 | 16:00 | 1.561 |
| 24.05.2020 | 16:00 | 16:15 | 1.568 |
| 24.05.2020 | 16:15 | 16:30 | 1.563 |
| 24.05.2020 | 16:30 | 16:45 | 1.562 |
| 24.05.2020 | 16:45 | 17:00 | 1.572 |
| 24.05.2020 | 17:00 | 17:15 | 1.585 |
| 24.05.2020 | 17:15 | 17:30 | 1.596 |
| 24.05.2020 | 17:30 | 17:45 | 1.635 |
| 24.05.2020 | 17:45 | 18:00 | 1.671 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 24.05.2020 | 18:00 | 18:15 | 1.670 |
| 24.05.2020 | 18:15 | 18:30 | 1.671 |
| 24.05.2020 | 18:30 | 18:45 | 1.661 |
| 24.05.2020 | 18:45 | 19:00 | 1.703 |
| 24.05.2020 | 19:00 | 19:15 | 1.723 |
| 24.05.2020 | 19:15 | 19:30 | 1.692 |
| 24.05.2020 | 19:30 | 19:45 | 1.658 |
| 24.05.2020 | 19:45 | 20:00 | 1.574 |
| 24.05.2020 | 20:00 | 20:15 | 1.537 |
| 24.05.2020 | 20:15 | 20:30 | 1.486 |
| 24.05.2020 | 20:30 | 20:45 | 1.433 |
| 24.05.2020 | 20:45 | 21:00 | 1.425 |
| 24.05.2020 | 21:00 | 21:15 | 1.439 |
| 24.05.2020 | 21:15 | 21:30 | 1.428 |
| 24.05.2020 | 21:30 | 21:45 | 1.435 |
| 24.05.2020 | 21:45 | 22:00 | 1.484 |
| 24.05.2020 | 22:00 | 22:15 | 1.494 |
| 24.05.2020 | 22:15 | 22:30 | 1.462 |
| 24.05.2020 | 22:30 | 22:45 | 1.419 |
| 24.05.2020 | 22:45 | 23:00 | 1.366 |
| 24.05.2020 | 23:00 | 23:15 | 1.317 |
| 24.05.2020 | 23:15 | 23:30 | 1.275 |
| 24.05.2020 | 23:30 | 23:45 | 1.213 |
| 24.05.2020 | 23:45 | 00:00 | 1.150 |
| 25.05.2020 | 00:00 | 00:15 | 1.083 |
| 25.05.2020 | 00:15 | 00:30 | 1.057 |
| 25.05.2020 | 00:30 | 00:45 | 1.041 |
| 25.05.2020 | 00:45 | 01:00 | 1.006 |
| 25.05.2020 | 01:00 | 01:15 | 995 |
| 25.05.2020 | 01:15 | 01:30 | 979 |
| 25.05.2020 | 01:30 | 01:45 | 962 |
| 25.05.2020 | 01:45 | 02:00 | 948 |
| 25.05.2020 | 02:00 | 02:15 | 940 |
| 25.05.2020 | 02:15 | 02:30 | 932 |
| 25.05.2020 | 02:30 | 02:45 | 926 |
| 25.05.2020 | 02:45 | 03:00 | 922 |
| 25.05.2020 | 03:00 | 03:15 | 920 |
| 25.05.2020 | 03:15 | 03:30 | 918 |
| 25.05.2020 | 03:30 | 03:45 | 920 |
| 25.05.2020 | 03:45 | 04:00 | 928 |
| 25.05.2020 | 04:00 | 04:15 | 949 |
| 25.05.2020 | 04:15 | 04:30 | 964 |
| 25.05.2020 | 04:30 | 04:45 | 997 |
| 25.05.2020 | 04:45 | 05:00 | 1.018 |
| 25.05.2020 | 05:00 | 05:15 | 1.032 |
| 25.05.2020 | 05:15 | 05:30 | 1.049 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.05.2020 | 05:30 | 05:45 | 1.090 |
| 25.05.2020 | 05:45 | 06:00 | 1.145 |
| 25.05.2020 | 06:00 | 06:15 | 1.252 |
| 25.05.2020 | 06:15 | 06:30 | 1.329 |
| 25.05.2020 | 06:30 | 06:45 | 1.408 |
| 25.05.2020 | 06:45 | 07:00 | 1.451 |
| 25.05.2020 | 07:00 | 07:15 | 1.539 |
| 25.05.2020 | 07:15 | 07:30 | 1.611 |
| 25.05.2020 | 07:30 | 07:45 | 1.689 |
| 25.05.2020 | 07:45 | 08:00 | 1.747 |
| 25.05.2020 | 08:00 | 08:15 | 1.810 |
| 25.05.2020 | 08:15 | 08:30 | 1.873 |
| 25.05.2020 | 08:30 | 08:45 | 1.932 |
| 25.05.2020 | 08:45 | 09:00 | 1.985 |
| 25.05.2020 | 09:00 | 09:15 | 2.085 |
| 25.05.2020 | 09:15 | 09:30 | 2.122 |
| 25.05.2020 | 09:30 | 09:45 | 2.182 |
| 25.05.2020 | 09:45 | 10:00 | 2.208 |
| 25.05.2020 | 10:00 | 10:15 | 2.247 |
| 25.05.2020 | 10:15 | 10:30 | 2.262 |
| 25.05.2020 | 10:30 | 10:45 | 2.252 |
| 25.05.2020 | 10:45 | 11:00 | 2.307 |
| 25.05.2020 | 11:00 | 11:15 | 2.255 |
| 25.05.2020 | 11:15 | 11:30 | 2.303 |
| 25.05.2020 | 11:30 | 11:45 | 2.350 |
| 25.05.2020 | 11:45 | 12:00 | 2.381 |
| 25.05.2020 | 12:00 | 12:15 | 2.395 |
| 25.05.2020 | 12:15 | 12:30 | 2.423 |
| 25.05.2020 | 12:30 | 12:45 | 2.435 |
| 25.05.2020 | 12:45 | 13:00 | 2.424 |
| 25.05.2020 | 13:00 | 13:15 | 2.411 |
| 25.05.2020 | 13:15 | 13:30 | 2.408 |
| 25.05.2020 | 13:30 | 13:45 | 2.326 |
| 25.05.2020 | 13:45 | 14:00 | 2.303 |
| 25.05.2020 | 14:00 | 14:15 | 2.251 |
| 25.05.2020 | 14:15 | 14:30 | 2.215 |
| 25.05.2020 | 14:30 | 14:45 | 2.234 |
| 25.05.2020 | 14:45 | 15:00 | 2.247 |
| 25.05.2020 | 15:00 | 15:15 | 2.208 |
| 25.05.2020 | 15:15 | 15:30 | 2.134 |
| 25.05.2020 | 15:30 | 15:45 | 2.131 |
| 25.05.2020 | 15:45 | 16:00 | 2.110 |
| 25.05.2020 | 16:00 | 16:15 | 2.113 |
| 25.05.2020 | 16:15 | 16:30 | 2.131 |
| 25.05.2020 | 16:30 | 16:45 | 2.121 |
| 25.05.2020 | 16:45 | 17:00 | 2.097 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.05.2020 | 17:00 | 17:15 | 2.111 |
| 25.05.2020 | 17:15 | 17:30 | 2.102 |
| 25.05.2020 | 17:30 | 17:45 | 2.098 |
| 25.05.2020 | 17:45 | 18:00 | 2.089 |
| 25.05.2020 | 18:00 | 18:15 | 2.068 |
| 25.05.2020 | 18:15 | 18:30 | 2.072 |
| 25.05.2020 | 18:30 | 18:45 | 2.069 |
| 25.05.2020 | 18:45 | 19:00 | 2.088 |
| 25.05.2020 | 19:00 | 19:15 | 2.072 |
| 25.05.2020 | 19:15 | 19:30 | 2.047 |
| 25.05.2020 | 19:30 | 19:45 | 2.032 |
| 25.05.2020 | 19:45 | 20:00 | 1.981 |
| 25.05.2020 | 20:00 | 20:15 | 1.919 |
| 25.05.2020 | 20:15 | 20:30 | 1.860 |
| 25.05.2020 | 20:30 | 20:45 | 1.805 |
| 25.05.2020 | 20:45 | 21:00 | 1.770 |
| 25.05.2020 | 21:00 | 21:15 | 1.736 |
| 25.05.2020 | 21:15 | 21:30 | 1.739 |
| 25.05.2020 | 21:30 | 21:45 | 1.712 |
| 25.05.2020 | 21:45 | 22:00 | 1.712 |
| 25.05.2020 | 22:00 | 22:15 | 1.724 |
| 25.05.2020 | 22:15 | 22:30 | 1.715 |
| 25.05.2020 | 22:30 | 22:45 | 1.658 |
| 25.05.2020 | 22:45 | 23:00 | 1.581 |
| 25.05.2020 | 23:00 | 23:15 | 1.520 |
| 25.05.2020 | 23:15 | 23:30 | 1.443 |
| 25.05.2020 | 23:30 | 23:45 | 1.389 |
| 25.05.2020 | 23:45 | 00:00 | 1.340 |
| 26.05.2020 | 00:00 | 00:15 | 1.283 |
| 26.05.2020 | 00:15 | 00:30 | 1.241 |
| 26.05.2020 | 00:30 | 00:45 | 1.216 |
| 26.05.2020 | 00:45 | 01:00 | 1.193 |
| 26.05.2020 | 01:00 | 01:15 | 1.154 |
| 26.05.2020 | 01:15 | 01:30 | 1.129 |
| 26.05.2020 | 01:30 | 01:45 | 1.110 |
| 26.05.2020 | 01:45 | 02:00 | 1.096 |
| 26.05.2020 | 02:00 | 02:15 | 1.089 |
| 26.05.2020 | 02:15 | 02:30 | 1.078 |
| 26.05.2020 | 02:30 | 02:45 | 1.064 |
| 26.05.2020 | 02:45 | 03:00 | 1.057 |
| 26.05.2020 | 03:00 | 03:15 | 1.048 |
| 26.05.2020 | 03:15 | 03:30 | 1.046 |
| 26.05.2020 | 03:30 | 03:45 | 1.041 |
| 26.05.2020 | 03:45 | 04:00 | 1.033 |
| 26.05.2020 | 04:00 | 04:15 | 1.045 |
| 26.05.2020 | 04:15 | 04:30 | 1.064 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.05.2020 | 04:30 | 04:45 | 1.104 |
| 26.05.2020 | 04:45 | 05:00 | 1.114 |
| 26.05.2020 | 05:00 | 05:15 | 1.130 |
| 26.05.2020 | 05:15 | 05:30 | 1.157 |
| 26.05.2020 | 05:30 | 05:45 | 1.201 |
| 26.05.2020 | 05:45 | 06:00 | 1.217 |
| 26.05.2020 | 06:00 | 06:15 | 1.291 |
| 26.05.2020 | 06:15 | 06:30 | 1.383 |
| 26.05.2020 | 06:30 | 06:45 | 1.463 |
| 26.05.2020 | 06:45 | 07:00 | 1.514 |
| 26.05.2020 | 07:00 | 07:15 | 1.602 |
| 26.05.2020 | 07:15 | 07:30 | 1.619 |
| 26.05.2020 | 07:30 | 07:45 | 1.700 |
| 26.05.2020 | 07:45 | 08:00 | 1.743 |
| 26.05.2020 | 08:00 | 08:15 | 1.786 |
| 26.05.2020 | 08:15 | 08:30 | 1.847 |
| 26.05.2020 | 08:30 | 08:45 | 1.882 |
| 26.05.2020 | 08:45 | 09:00 | 1.927 |
| 26.05.2020 | 09:00 | 09:15 | 1.968 |
| 26.05.2020 | 09:15 | 09:30 | 1.989 |
| 26.05.2020 | 09:30 | 09:45 | 2.010 |
| 26.05.2020 | 09:45 | 10:00 | 2.050 |
| 26.05.2020 | 10:00 | 10:15 | 2.054 |
| 26.05.2020 | 10:15 | 10:30 | 2.053 |
| 26.05.2020 | 10:30 | 10:45 | 2.086 |
| 26.05.2020 | 10:45 | 11:00 | 2.120 |
| 26.05.2020 | 11:00 | 11:15 | 2.107 |
| 26.05.2020 | 11:15 | 11:30 | 2.127 |
| 26.05.2020 | 11:30 | 11:45 | 2.198 |
| 26.05.2020 | 11:45 | 12:00 | 2.229 |
| 26.05.2020 | 12:00 | 12:15 | 2.254 |
| 26.05.2020 | 12:15 | 12:30 | 2.336 |
| 26.05.2020 | 12:30 | 12:45 | 2.368 |
| 26.05.2020 | 12:45 | 13:00 | 2.341 |
| 26.05.2020 | 13:00 | 13:15 | 2.313 |
| 26.05.2020 | 13:15 | 13:30 | 2.305 |
| 26.05.2020 | 13:30 | 13:45 | 2.264 |
| 26.05.2020 | 13:45 | 14:00 | 2.219 |
| 26.05.2020 | 14:00 | 14:15 | 2.233 |
| 26.05.2020 | 14:15 | 14:30 | 2.215 |
| 26.05.2020 | 14:30 | 14:45 | 2.210 |
| 26.05.2020 | 14:45 | 15:00 | 2.186 |
| 26.05.2020 | 15:00 | 15:15 | 2.147 |
| 26.05.2020 | 15:15 | 15:30 | 2.123 |
| 26.05.2020 | 15:30 | 15:45 | 2.040 |
| 26.05.2020 | 15:45 | 16:00 | 1.998 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.05.2020 | 16:00 | 16:15 | 2.059 |
| 26.05.2020 | 16:15 | 16:30 | 2.033 |
| 26.05.2020 | 16:30 | 16:45 | 2.009 |
| 26.05.2020 | 16:45 | 17:00 | 1.991 |
| 26.05.2020 | 17:00 | 17:15 | 2.014 |
| 26.05.2020 | 17:15 | 17:30 | 2.008 |
| 26.05.2020 | 17:30 | 17:45 | 2.035 |
| 26.05.2020 | 17:45 | 18:00 | 2.032 |
| 26.05.2020 | 18:00 | 18:15 | 2.060 |
| 26.05.2020 | 18:15 | 18:30 | 2.069 |
| 26.05.2020 | 18:30 | 18:45 | 2.070 |
| 26.05.2020 | 18:45 | 19:00 | 2.080 |
| 26.05.2020 | 19:00 | 19:15 | 2.083 |
| 26.05.2020 | 19:15 | 19:30 | 2.116 |
| 26.05.2020 | 19:30 | 19:45 | 2.081 |
| 26.05.2020 | 19:45 | 20:00 | 2.063 |
| 26.05.2020 | 20:00 | 20:15 | 1.978 |
| 26.05.2020 | 20:15 | 20:30 | 1.924 |
| 26.05.2020 | 20:30 | 20:45 | 1.914 |
| 26.05.2020 | 20:45 | 21:00 | 1.878 |
| 26.05.2020 | 21:00 | 21:15 | 1.805 |
| 26.05.2020 | 21:15 | 21:30 | 1.799 |
| 26.05.2020 | 21:30 | 21:45 | 1.760 |
| 26.05.2020 | 21:45 | 22:00 | 1.713 |
| 26.05.2020 | 22:00 | 22:15 | 1.741 |
| 26.05.2020 | 22:15 | 22:30 | 1.709 |
| 26.05.2020 | 22:30 | 22:45 | 1.669 |
| 26.05.2020 | 22:45 | 23:00 | 1.583 |
| 26.05.2020 | 23:00 | 23:15 | 1.509 |
| 26.05.2020 | 23:15 | 23:30 | 1.454 |
| 26.05.2020 | 23:30 | 23:45 | 1.388 |
| 26.05.2020 | 23:45 | 00:00 | 1.323 |
| 27.05.2020 | 00:00 | 00:15 | 1.277 |
| 27.05.2020 | 00:15 | 00:30 | 1.249 |
| 27.05.2020 | 00:30 | 00:45 | 1.207 |
| 27.05.2020 | 00:45 | 01:00 | 1.172 |
| 27.05.2020 | 01:00 | 01:15 | 1.140 |
| 27.05.2020 | 01:15 | 01:30 | 1.114 |
| 27.05.2020 | 01:30 | 01:45 | 1.092 |
| 27.05.2020 | 01:45 | 02:00 | 1.077 |
| 27.05.2020 | 02:00 | 02:15 | 1.069 |
| 27.05.2020 | 02:15 | 02:30 | 1.065 |
| 27.05.2020 | 02:30 | 02:45 | 1.050 |
| 27.05.2020 | 02:45 | 03:00 | 1.046 |
| 27.05.2020 | 03:00 | 03:15 | 1.049 |
| 27.05.2020 | 03:15 | 03:30 | 1.046 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.05.2020 | 03:30 | 03:45 | 1.041 |
| 27.05.2020 | 03:45 | 04:00 | 1.048 |
| 27.05.2020 | 04:00 | 04:15 | 1.059 |
| 27.05.2020 | 04:15 | 04:30 | 1.076 |
| 27.05.2020 | 04:30 | 04:45 | 1.104 |
| 27.05.2020 | 04:45 | 05:00 | 1.112 |
| 27.05.2020 | 05:00 | 05:15 | 1.127 |
| 27.05.2020 | 05:15 | 05:30 | 1.150 |
| 27.05.2020 | 05:30 | 05:45 | 1.182 |
| 27.05.2020 | 05:45 | 06:00 | 1.241 |
| 27.05.2020 | 06:00 | 06:15 | 1.345 |
| 27.05.2020 | 06:15 | 06:30 | 1.423 |
| 27.05.2020 | 06:30 | 06:45 | 1.491 |
| 27.05.2020 | 06:45 | 07:00 | 1.568 |
| 27.05.2020 | 07:00 | 07:15 | 1.655 |
| 27.05.2020 | 07:15 | 07:30 | 1.722 |
| 27.05.2020 | 07:30 | 07:45 | 1.766 |
| 27.05.2020 | 07:45 | 08:00 | 1.818 |
| 27.05.2020 | 08:00 | 08:15 | 1.912 |
| 27.05.2020 | 08:15 | 08:30 | 1.921 |
| 27.05.2020 | 08:30 | 08:45 | 1.958 |
| 27.05.2020 | 08:45 | 09:00 | 1.987 |
| 27.05.2020 | 09:00 | 09:15 | 1.982 |
| 27.05.2020 | 09:15 | 09:30 | 2.020 |
| 27.05.2020 | 09:30 | 09:45 | 2.063 |
| 27.05.2020 | 09:45 | 10:00 | 2.128 |
| 27.05.2020 | 10:00 | 10:15 | 2.141 |
| 27.05.2020 | 10:15 | 10:30 | 2.194 |
| 27.05.2020 | 10:30 | 10:45 | 2.223 |
| 27.05.2020 | 10:45 | 11:00 | 2.248 |
| 27.05.2020 | 11:00 | 11:15 | 2.238 |
| 27.05.2020 | 11:15 | 11:30 | 2.256 |
| 27.05.2020 | 11:30 | 11:45 | 2.314 |
| 27.05.2020 | 11:45 | 12:00 | 2.327 |
| 27.05.2020 | 12:00 | 12:15 | 2.331 |
| 27.05.2020 | 12:15 | 12:30 | 2.298 |
| 27.05.2020 | 12:30 | 12:45 | 2.297 |
| 27.05.2020 | 12:45 | 13:00 | 2.284 |
| 27.05.2020 | 13:00 | 13:15 | 2.263 |
| 27.05.2020 | 13:15 | 13:30 | 2.269 |
| 27.05.2020 | 13:30 | 13:45 | 2.272 |
| 27.05.2020 | 13:45 | 14:00 | 2.201 |
| 27.05.2020 | 14:00 | 14:15 | 2.227 |
| 27.05.2020 | 14:15 | 14:30 | 2.251 |
| 27.05.2020 | 14:30 | 14:45 | 2.252 |
| 27.05.2020 | 14:45 | 15:00 | 2.208 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.05.2020 | 15:00 | 15:15 | 2.163 |
| 27.05.2020 | 15:15 | 15:30 | 2.107 |
| 27.05.2020 | 15:30 | 15:45 | 2.073 |
| 27.05.2020 | 15:45 | 16:00 | 2.139 |
| 27.05.2020 | 16:00 | 16:15 | 2.156 |
| 27.05.2020 | 16:15 | 16:30 | 2.113 |
| 27.05.2020 | 16:30 | 16:45 | 2.104 |
| 27.05.2020 | 16:45 | 17:00 | 2.086 |
| 27.05.2020 | 17:00 | 17:15 | 2.093 |
| 27.05.2020 | 17:15 | 17:30 | 2.111 |
| 27.05.2020 | 17:30 | 17:45 | 2.125 |
| 27.05.2020 | 17:45 | 18:00 | 2.164 |
| 27.05.2020 | 18:00 | 18:15 | 2.160 |
| 27.05.2020 | 18:15 | 18:30 | 2.196 |
| 27.05.2020 | 18:30 | 18:45 | 2.170 |
| 27.05.2020 | 18:45 | 19:00 | 2.153 |
| 27.05.2020 | 19:00 | 19:15 | 2.108 |
| 27.05.2020 | 19:15 | 19:30 | 2.123 |
| 27.05.2020 | 19:30 | 19:45 | 2.124 |
| 27.05.2020 | 19:45 | 20:00 | 2.071 |
| 27.05.2020 | 20:00 | 20:15 | 1.991 |
| 27.05.2020 | 20:15 | 20:30 | 1.914 |
| 27.05.2020 | 20:30 | 20:45 | 1.870 |
| 27.05.2020 | 20:45 | 21:00 | 1.824 |
| 27.05.2020 | 21:00 | 21:15 | 1.790 |
| 27.05.2020 | 21:15 | 21:30 | 1.752 |
| 27.05.2020 | 21:30 | 21:45 | 1.708 |
| 27.05.2020 | 21:45 | 22:00 | 1.703 |
| 27.05.2020 | 22:00 | 22:15 | 1.694 |
| 27.05.2020 | 22:15 | 22:30 | 1.657 |
| 27.05.2020 | 22:30 | 22:45 | 1.597 |
| 27.05.2020 | 22:45 | 23:00 | 1.543 |
| 27.05.2020 | 23:00 | 23:15 | 1.471 |
| 27.05.2020 | 23:15 | 23:30 | 1.408 |
| 27.05.2020 | 23:30 | 23:45 | 1.339 |
| 27.05.2020 | 23:45 | 00:00 | 1.275 |
| 28.05.2020 | 00:00 | 00:15 | 1.225 |
| 28.05.2020 | 00:15 | 00:30 | 1.187 |
| 28.05.2020 | 00:30 | 00:45 | 1.159 |
| 28.05.2020 | 00:45 | 01:00 | 1.126 |
| 28.05.2020 | 01:00 | 01:15 | 1.099 |
| 28.05.2020 | 01:15 | 01:30 | 1.082 |
| 28.05.2020 | 01:30 | 01:45 | 1.070 |
| 28.05.2020 | 01:45 | 02:00 | 1.062 |
| 28.05.2020 | 02:00 | 02:15 | 1.045 |
| 28.05.2020 | 02:15 | 02:30 | 1.048 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.05.2020 | 02:30 | 02:45 | 1.036 |
| 28.05.2020 | 02:45 | 03:00 | 1.029 |
| 28.05.2020 | 03:00 | 03:15 | 1.020 |
| 28.05.2020 | 03:15 | 03:30 | 1.000 |
| 28.05.2020 | 03:30 | 03:45 | 993 |
| 28.05.2020 | 03:45 | 04:00 | 997 |
| 28.05.2020 | 04:00 | 04:15 | 1.010 |
| 28.05.2020 | 04:15 | 04:30 | 1.037 |
| 28.05.2020 | 04:30 | 04:45 | 1.059 |
| 28.05.2020 | 04:45 | 05:00 | 1.056 |
| 28.05.2020 | 05:00 | 05:15 | 1.080 |
| 28.05.2020 | 05:15 | 05:30 | 1.101 |
| 28.05.2020 | 05:30 | 05:45 | 1.145 |
| 28.05.2020 | 05:45 | 06:00 | 1.189 |
| 28.05.2020 | 06:00 | 06:15 | 1.267 |
| 28.05.2020 | 06:15 | 06:30 | 1.353 |
| 28.05.2020 | 06:30 | 06:45 | 1.408 |
| 28.05.2020 | 06:45 | 07:00 | 1.475 |
| 28.05.2020 | 07:00 | 07:15 | 1.559 |
| 28.05.2020 | 07:15 | 07:30 | 1.635 |
| 28.05.2020 | 07:30 | 07:45 | 1.682 |
| 28.05.2020 | 07:45 | 08:00 | 1.716 |
| 28.05.2020 | 08:00 | 08:15 | 1.798 |
| 28.05.2020 | 08:15 | 08:30 | 1.838 |
| 28.05.2020 | 08:30 | 08:45 | 1.861 |
| 28.05.2020 | 08:45 | 09:00 | 1.893 |
| 28.05.2020 | 09:00 | 09:15 | 1.949 |
| 28.05.2020 | 09:15 | 09:30 | 1.981 |
| 28.05.2020 | 09:30 | 09:45 | 2.006 |
| 28.05.2020 | 09:45 | 10:00 | 2.071 |
| 28.05.2020 | 10:00 | 10:15 | 2.111 |
| 28.05.2020 | 10:15 | 10:30 | 2.095 |
| 28.05.2020 | 10:30 | 10:45 | 2.131 |
| 28.05.2020 | 10:45 | 11:00 | 2.140 |
| 28.05.2020 | 11:00 | 11:15 | 2.160 |
| 28.05.2020 | 11:15 | 11:30 | 2.221 |
| 28.05.2020 | 11:30 | 11:45 | 2.254 |
| 28.05.2020 | 11:45 | 12:00 | 2.281 |
| 28.05.2020 | 12:00 | 12:15 | 2.278 |
| 28.05.2020 | 12:15 | 12:30 | 2.280 |
| 28.05.2020 | 12:30 | 12:45 | 2.300 |
| 28.05.2020 | 12:45 | 13:00 | 2.300 |
| 28.05.2020 | 13:00 | 13:15 | 2.296 |
| 28.05.2020 | 13:15 | 13:30 | 2.264 |
| 28.05.2020 | 13:30 | 13:45 | 2.238 |
| 28.05.2020 | 13:45 | 14:00 | 2.191 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.05.2020 | 14:00 | 14:15 | 2.179 |
| 28.05.2020 | 14:15 | 14:30 | 2.190 |
| 28.05.2020 | 14:30 | 14:45 | 2.156 |
| 28.05.2020 | 14:45 | 15:00 | 2.127 |
| 28.05.2020 | 15:00 | 15:15 | 2.117 |
| 28.05.2020 | 15:15 | 15:30 | 2.068 |
| 28.05.2020 | 15:30 | 15:45 | 2.060 |
| 28.05.2020 | 15:45 | 16:00 | 2.052 |
| 28.05.2020 | 16:00 | 16:15 | 2.050 |
| 28.05.2020 | 16:15 | 16:30 | 2.043 |
| 28.05.2020 | 16:30 | 16:45 | 2.028 |
| 28.05.2020 | 16:45 | 17:00 | 2.017 |
| 28.05.2020 | 17:00 | 17:15 | 2.044 |
| 28.05.2020 | 17:15 | 17:30 | 2.038 |
| 28.05.2020 | 17:30 | 17:45 | 2.046 |
| 28.05.2020 | 17:45 | 18:00 | 2.062 |
| 28.05.2020 | 18:00 | 18:15 | 2.094 |
| 28.05.2020 | 18:15 | 18:30 | 2.108 |
| 28.05.2020 | 18:30 | 18:45 | 2.093 |
| 28.05.2020 | 18:45 | 19:00 | 2.147 |
| 28.05.2020 | 19:00 | 19:15 | 2.132 |
| 28.05.2020 | 19:15 | 19:30 | 2.122 |
| 28.05.2020 | 19:30 | 19:45 | 2.097 |
| 28.05.2020 | 19:45 | 20:00 | 2.069 |
| 28.05.2020 | 20:00 | 20:15 | 2.007 |
| 28.05.2020 | 20:15 | 20:30 | 1.972 |
| 28.05.2020 | 20:30 | 20:45 | 1.952 |
| 28.05.2020 | 20:45 | 21:00 | 1.890 |
| 28.05.2020 | 21:00 | 21:15 | 1.866 |
| 28.05.2020 | 21:15 | 21:30 | 1.841 |
| 28.05.2020 | 21:30 | 21:45 | 1.793 |
| 28.05.2020 | 21:45 | 22:00 | 1.727 |
| 28.05.2020 | 22:00 | 22:15 | 1.737 |
| 28.05.2020 | 22:15 | 22:30 | 1.719 |
| 28.05.2020 | 22:30 | 22:45 | 1.642 |
| 28.05.2020 | 22:45 | 23:00 | 1.590 |
| 28.05.2020 | 23:00 | 23:15 | 1.518 |
| 28.05.2020 | 23:15 | 23:30 | 1.462 |
| 28.05.2020 | 23:30 | 23:45 | 1.404 |
| 28.05.2020 | 23:45 | 00:00 | 1.350 |
| 29.05.2020 | 00:00 | 00:15 | 1.303 |
| 29.05.2020 | 00:15 | 00:30 | 1.269 |
| 29.05.2020 | 00:30 | 00:45 | 1.230 |
| 29.05.2020 | 00:45 | 01:00 | 1.196 |
| 29.05.2020 | 01:00 | 01:15 | 1.163 |
| 29.05.2020 | 01:15 | 01:30 | 1.127 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.05.2020 | 01:30 | 01:45 | 1.121 |
| 29.05.2020 | 01:45 | 02:00 | 1.115 |
| 29.05.2020 | 02:00 | 02:15 | 1.105 |
| 29.05.2020 | 02:15 | 02:30 | 1.090 |
| 29.05.2020 | 02:30 | 02:45 | 1.071 |
| 29.05.2020 | 02:45 | 03:00 | 1.056 |
| 29.05.2020 | 03:00 | 03:15 | 1.052 |
| 29.05.2020 | 03:15 | 03:30 | 1.030 |
| 29.05.2020 | 03:30 | 03:45 | 1.030 |
| 29.05.2020 | 03:45 | 04:00 | 1.033 |
| 29.05.2020 | 04:00 | 04:15 | 1.042 |
| 29.05.2020 | 04:15 | 04:30 | 1.071 |
| 29.05.2020 | 04:30 | 04:45 | 1.102 |
| 29.05.2020 | 04:45 | 05:00 | 1.098 |
| 29.05.2020 | 05:00 | 05:15 | 1.112 |
| 29.05.2020 | 05:15 | 05:30 | 1.128 |
| 29.05.2020 | 05:30 | 05:45 | 1.169 |
| 29.05.2020 | 05:45 | 06:00 | 1.232 |
| 29.05.2020 | 06:00 | 06:15 | 1.313 |
| 29.05.2020 | 06:15 | 06:30 | 1.424 |
| 29.05.2020 | 06:30 | 06:45 | 1.482 |
| 29.05.2020 | 06:45 | 07:00 | 1.544 |
| 29.05.2020 | 07:00 | 07:15 | 1.645 |
| 29.05.2020 | 07:15 | 07:30 | 1.708 |
| 29.05.2020 | 07:30 | 07:45 | 1.790 |
| 29.05.2020 | 07:45 | 08:00 | 1.883 |
| 29.05.2020 | 08:00 | 08:15 | 1.961 |
| 29.05.2020 | 08:15 | 08:30 | 1.995 |
| 29.05.2020 | 08:30 | 08:45 | 2.023 |
| 29.05.2020 | 08:45 | 09:00 | 2.054 |
| 29.05.2020 | 09:00 | 09:15 | 2.079 |
| 29.05.2020 | 09:15 | 09:30 | 2.138 |
| 29.05.2020 | 09:30 | 09:45 | 2.160 |
| 29.05.2020 | 09:45 | 10:00 | 2.210 |
| 29.05.2020 | 10:00 | 10:15 | 2.250 |
| 29.05.2020 | 10:15 | 10:30 | 2.245 |
| 29.05.2020 | 10:30 | 10:45 | 2.251 |
| 29.05.2020 | 10:45 | 11:00 | 2.191 |
| 29.05.2020 | 11:00 | 11:15 | 2.191 |
| 29.05.2020 | 11:15 | 11:30 | 2.194 |
| 29.05.2020 | 11:30 | 11:45 | 2.210 |
| 29.05.2020 | 11:45 | 12:00 | 2.232 |
| 29.05.2020 | 12:00 | 12:15 | 2.233 |
| 29.05.2020 | 12:15 | 12:30 | 2.224 |
| 29.05.2020 | 12:30 | 12:45 | 2.236 |
| 29.05.2020 | 12:45 | 13:00 | 2.248 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.05.2020 | 13:00 | 13:15 | 2.186 |
| 29.05.2020 | 13:15 | 13:30 | 2.175 |
| 29.05.2020 | 13:30 | 13:45 | 2.199 |
| 29.05.2020 | 13:45 | 14:00 | 2.150 |
| 29.05.2020 | 14:00 | 14:15 | 2.117 |
| 29.05.2020 | 14:15 | 14:30 | 2.105 |
| 29.05.2020 | 14:30 | 14:45 | 2.067 |
| 29.05.2020 | 14:45 | 15:00 | 2.044 |
| 29.05.2020 | 15:00 | 15:15 | 2.067 |
| 29.05.2020 | 15:15 | 15:30 | 2.049 |
| 29.05.2020 | 15:30 | 15:45 | 2.023 |
| 29.05.2020 | 15:45 | 16:00 | 2.058 |
| 29.05.2020 | 16:00 | 16:15 | 2.050 |
| 29.05.2020 | 16:15 | 16:30 | 2.103 |
| 29.05.2020 | 16:30 | 16:45 | 2.072 |
| 29.05.2020 | 16:45 | 17:00 | 2.049 |
| 29.05.2020 | 17:00 | 17:15 | 2.041 |
| 29.05.2020 | 17:15 | 17:30 | 2.027 |
| 29.05.2020 | 17:30 | 17:45 | 2.028 |
| 29.05.2020 | 17:45 | 18:00 | 2.055 |
| 29.05.2020 | 18:00 | 18:15 | 2.054 |
| 29.05.2020 | 18:15 | 18:30 | 2.052 |
| 29.05.2020 | 18:30 | 18:45 | 2.018 |
| 29.05.2020 | 18:45 | 19:00 | 2.025 |
| 29.05.2020 | 19:00 | 19:15 | 1.986 |
| 29.05.2020 | 19:15 | 19:30 | 1.956 |
| 29.05.2020 | 19:30 | 19:45 | 1.937 |
| 29.05.2020 | 19:45 | 20:00 | 1.939 |
| 29.05.2020 | 20:00 | 20:15 | 1.905 |
| 29.05.2020 | 20:15 | 20:30 | 1.804 |
| 29.05.2020 | 20:30 | 20:45 | 1.759 |
| 29.05.2020 | 20:45 | 21:00 | 1.748 |
| 29.05.2020 | 21:00 | 21:15 | 1.746 |
| 29.05.2020 | 21:15 | 21:30 | 1.706 |
| 29.05.2020 | 21:30 | 21:45 | 1.665 |
| 29.05.2020 | 21:45 | 22:00 | 1.643 |
| 29.05.2020 | 22:00 | 22:15 | 1.642 |
| 29.05.2020 | 22:15 | 22:30 | 1.687 |
| 29.05.2020 | 22:30 | 22:45 | 1.638 |
| 29.05.2020 | 22:45 | 23:00 | 1.564 |
| 29.05.2020 | 23:00 | 23:15 | 1.509 |
| 29.05.2020 | 23:15 | 23:30 | 1.451 |
| 29.05.2020 | 23:30 | 23:45 | 1.411 |
| 29.05.2020 | 23:45 | 00:00 | 1.351 |
| 30.05.2020 | 00:00 | 00:15 | 1.299 |
| 30.05.2020 | 00:15 | 00:30 | 1.262 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.05.2020 | 00:30 | 00:45 | 1.218 |
| 30.05.2020 | 00:45 | 01:00 | 1.181 |
| 30.05.2020 | 01:00 | 01:15 | 1.140 |
| 30.05.2020 | 01:15 | 01:30 | 1.109 |
| 30.05.2020 | 01:30 | 01:45 | 1.073 |
| 30.05.2020 | 01:45 | 02:00 | 1.027 |
| 30.05.2020 | 02:00 | 02:15 | 1.016 |
| 30.05.2020 | 02:15 | 02:30 | 1.000 |
| 30.05.2020 | 02:30 | 02:45 | 990 |
| 30.05.2020 | 02:45 | 03:00 | 976 |
| 30.05.2020 | 03:00 | 03:15 | 969 |
| 30.05.2020 | 03:15 | 03:30 | 961 |
| 30.05.2020 | 03:30 | 03:45 | 956 |
| 30.05.2020 | 03:45 | 04:00 | 963 |
| 30.05.2020 | 04:00 | 04:15 | 964 |
| 30.05.2020 | 04:15 | 04:30 | 971 |
| 30.05.2020 | 04:30 | 04:45 | 973 |
| 30.05.2020 | 04:45 | 05:00 | 963 |
| 30.05.2020 | 05:00 | 05:15 | 961 |
| 30.05.2020 | 05:15 | 05:30 | 964 |
| 30.05.2020 | 05:30 | 05:45 | 977 |
| 30.05.2020 | 05:45 | 06:00 | 1.005 |
| 30.05.2020 | 06:00 | 06:15 | 1.029 |
| 30.05.2020 | 06:15 | 06:30 | 1.051 |
| 30.05.2020 | 06:30 | 06:45 | 1.063 |
| 30.05.2020 | 06:45 | 07:00 | 1.095 |
| 30.05.2020 | 07:00 | 07:15 | 1.155 |
| 30.05.2020 | 07:15 | 07:30 | 1.182 |
| 30.05.2020 | 07:30 | 07:45 | 1.256 |
| 30.05.2020 | 07:45 | 08:00 | 1.305 |
| 30.05.2020 | 08:00 | 08:15 | 1.378 |
| 30.05.2020 | 08:15 | 08:30 | 1.439 |
| 30.05.2020 | 08:30 | 08:45 | 1.481 |
| 30.05.2020 | 08:45 | 09:00 | 1.566 |
| 30.05.2020 | 09:00 | 09:15 | 1.651 |
| 30.05.2020 | 09:15 | 09:30 | 1.699 |
| 30.05.2020 | 09:30 | 09:45 | 1.741 |
| 30.05.2020 | 09:45 | 10:00 | 1.803 |
| 30.05.2020 | 10:00 | 10:15 | 1.845 |
| 30.05.2020 | 10:15 | 10:30 | 1.880 |
| 30.05.2020 | 10:30 | 10:45 | 1.899 |
| 30.05.2020 | 10:45 | 11:00 | 1.918 |
| 30.05.2020 | 11:00 | 11:15 | 1.925 |
| 30.05.2020 | 11:15 | 11:30 | 1.931 |
| 30.05.2020 | 11:30 | 11:45 | 1.928 |
| 30.05.2020 | 11:45 | 12:00 | 1.927 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.05.2020 | 12:00 | 12:15 | 1.937 |
| 30.05.2020 | 12:15 | 12:30 | 1.958 |
| 30.05.2020 | 12:30 | 12:45 | 1.941 |
| 30.05.2020 | 12:45 | 13:00 | 1.897 |
| 30.05.2020 | 13:00 | 13:15 | 1.898 |
| 30.05.2020 | 13:15 | 13:30 | 1.850 |
| 30.05.2020 | 13:30 | 13:45 | 1.812 |
| 30.05.2020 | 13:45 | 14:00 | 1.772 |
| 30.05.2020 | 14:00 | 14:15 | 1.746 |
| 30.05.2020 | 14:15 | 14:30 | 1.713 |
| 30.05.2020 | 14:30 | 14:45 | 1.720 |
| 30.05.2020 | 14:45 | 15:00 | 1.700 |
| 30.05.2020 | 15:00 | 15:15 | 1.677 |
| 30.05.2020 | 15:15 | 15:30 | 1.672 |
| 30.05.2020 | 15:30 | 15:45 | 1.660 |
| 30.05.2020 | 15:45 | 16:00 | 1.647 |
| 30.05.2020 | 16:00 | 16:15 | 1.601 |
| 30.05.2020 | 16:15 | 16:30 | 1.614 |
| 30.05.2020 | 16:30 | 16:45 | 1.596 |
| 30.05.2020 | 16:45 | 17:00 | 1.581 |
| 30.05.2020 | 17:00 | 17:15 | 1.602 |
| 30.05.2020 | 17:15 | 17:30 | 1.590 |
| 30.05.2020 | 17:30 | 17:45 | 1.630 |
| 30.05.2020 | 17:45 | 18:00 | 1.648 |
| 30.05.2020 | 18:00 | 18:15 | 1.657 |
| 30.05.2020 | 18:15 | 18:30 | 1.664 |
| 30.05.2020 | 18:30 | 18:45 | 1.633 |
| 30.05.2020 | 18:45 | 19:00 | 1.659 |
| 30.05.2020 | 19:00 | 19:15 | 1.649 |
| 30.05.2020 | 19:15 | 19:30 | 1.635 |
| 30.05.2020 | 19:30 | 19:45 | 1.627 |
| 30.05.2020 | 19:45 | 20:00 | 1.602 |
| 30.05.2020 | 20:00 | 20:15 | 1.584 |
| 30.05.2020 | 20:15 | 20:30 | 1.542 |
| 30.05.2020 | 20:30 | 20:45 | 1.521 |
| 30.05.2020 | 20:45 | 21:00 | 1.482 |
| 30.05.2020 | 21:00 | 21:15 | 1.468 |
| 30.05.2020 | 21:15 | 21:30 | 1.443 |
| 30.05.2020 | 21:30 | 21:45 | 1.408 |
| 30.05.2020 | 21:45 | 22:00 | 1.437 |
| 30.05.2020 | 22:00 | 22:15 | 1.476 |
| 30.05.2020 | 22:15 | 22:30 | 1.475 |
| 30.05.2020 | 22:30 | 22:45 | 1.434 |
| 30.05.2020 | 22:45 | 23:00 | 1.381 |
| 30.05.2020 | 23:00 | 23:15 | 1.328 |
| 30.05.2020 | 23:15 | 23:30 | 1.274 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 30.05.2020 | 23:30 | 23:45 | 1.255 |
| 30.05.2020 | 23:45 | 00:00 | 1.203 |
| 31.05.2020 | 00:00 | 00:15 | 1.169 |
| 31.05.2020 | 00:15 | 00:30 | 1.135 |
| 31.05.2020 | 00:30 | 00:45 | 1.094 |
| 31.05.2020 | 00:45 | 01:00 | 1.071 |
| 31.05.2020 | 01:00 | 01:15 | 1.048 |
| 31.05.2020 | 01:15 | 01:30 | 1.015 |
| 31.05.2020 | 01:30 | 01:45 | 992 |
| 31.05.2020 | 01:45 | 02:00 | 972 |
| 31.05.2020 | 02:00 | 02:15 | 963 |
| 31.05.2020 | 02:15 | 02:30 | 950 |
| 31.05.2020 | 02:30 | 02:45 | 940 |
| 31.05.2020 | 02:45 | 03:00 | 929 |
| 31.05.2020 | 03:00 | 03:15 | 927 |
| 31.05.2020 | 03:15 | 03:30 | 916 |
| 31.05.2020 | 03:30 | 03:45 | 915 |
| 31.05.2020 | 03:45 | 04:00 | 911 |
| 31.05.2020 | 04:00 | 04:15 | 914 |
| 31.05.2020 | 04:15 | 04:30 | 911 |
| 31.05.2020 | 04:30 | 04:45 | 912 |
| 31.05.2020 | 04:45 | 05:00 | 895 |
| 31.05.2020 | 05:00 | 05:15 | 881 |
| 31.05.2020 | 05:15 | 05:30 | 878 |
| 31.05.2020 | 05:30 | 05:45 | 883 |
| 31.05.2020 | 05:45 | 06:00 | 892 |
| 31.05.2020 | 06:00 | 06:15 | 907 |
| 31.05.2020 | 06:15 | 06:30 | 924 |
| 31.05.2020 | 06:30 | 06:45 | 944 |
| 31.05.2020 | 06:45 | 07:00 | 956 |
| 31.05.2020 | 07:00 | 07:15 | 980 |
| 31.05.2020 | 07:15 | 07:30 | 1.001 |
| 31.05.2020 | 07:30 | 07:45 | 1.037 |
| 31.05.2020 | 07:45 | 08:00 | 1.082 |
| 31.05.2020 | 08:00 | 08:15 | 1.137 |
| 31.05.2020 | 08:15 | 08:30 | 1.173 |
| 31.05.2020 | 08:30 | 08:45 | 1.241 |
| 31.05.2020 | 08:45 | 09:00 | 1.310 |
| 31.05.2020 | 09:00 | 09:15 | 1.371 |
| 31.05.2020 | 09:15 | 09:30 | 1.420 |
| 31.05.2020 | 09:30 | 09:45 | 1.470 |
| 31.05.2020 | 09:45 | 10:00 | 1.514 |
| 31.05.2020 | 10:00 | 10:15 | 1.589 |
| 31.05.2020 | 10:15 | 10:30 | 1.613 |
| 31.05.2020 | 10:30 | 10:45 | 1.660 |
| 31.05.2020 | 10:45 | 11:00 | 1.714 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.05.2020 | 11:00 | 11:15 | 1.719 |
| 31.05.2020 | 11:15 | 11:30 | 1.728 |
| 31.05.2020 | 11:30 | 11:45 | 1.779 |
| 31.05.2020 | 11:45 | 12:00 | 1.768 |
| 31.05.2020 | 12:00 | 12:15 | 1.787 |
| 31.05.2020 | 12:15 | 12:30 | 1.821 |
| 31.05.2020 | 12:30 | 12:45 | 1.804 |
| 31.05.2020 | 12:45 | 13:00 | 1.740 |
| 31.05.2020 | 13:00 | 13:15 | 1.686 |
| 31.05.2020 | 13:15 | 13:30 | 1.659 |
| 31.05.2020 | 13:30 | 13:45 | 1.649 |
| 31.05.2020 | 13:45 | 14:00 | 1.631 |
| 31.05.2020 | 14:00 | 14:15 | 1.555 |
| 31.05.2020 | 14:15 | 14:30 | 1.550 |
| 31.05.2020 | 14:30 | 14:45 | 1.566 |
| 31.05.2020 | 14:45 | 15:00 | 1.520 |
| 31.05.2020 | 15:00 | 15:15 | 1.495 |
| 31.05.2020 | 15:15 | 15:30 | 1.485 |
| 31.05.2020 | 15:30 | 15:45 | 1.464 |
| 31.05.2020 | 15:45 | 16:00 | 1.447 |
| 31.05.2020 | 16:00 | 16:15 | 1.459 |
| 31.05.2020 | 16:15 | 16:30 | 1.421 |
| 31.05.2020 | 16:30 | 16:45 | 1.394 |
| 31.05.2020 | 16:45 | 17:00 | 1.386 |
| 31.05.2020 | 17:00 | 17:15 | 1.387 |
| 31.05.2020 | 17:15 | 17:30 | 1.392 |
| 31.05.2020 | 17:30 | 17:45 | 1.421 |
| 31.05.2020 | 17:45 | 18:00 | 1.442 |
| 31.05.2020 | 18:00 | 18:15 | 1.443 |
| 31.05.2020 | 18:15 | 18:30 | 1.450 |
| 31.05.2020 | 18:30 | 18:45 | 1.461 |
| 31.05.2020 | 18:45 | 19:00 | 1.478 |
| 31.05.2020 | 19:00 | 19:15 | 1.482 |
| 31.05.2020 | 19:15 | 19:30 | 1.488 |
| 31.05.2020 | 19:30 | 19:45 | 1.497 |
| 31.05.2020 | 19:45 | 20:00 | 1.479 |
| 31.05.2020 | 20:00 | 20:15 | 1.465 |
| 31.05.2020 | 20:15 | 20:30 | 1.444 |
| 31.05.2020 | 20:30 | 20:45 | 1.425 |
| 31.05.2020 | 20:45 | 21:00 | 1.415 |
| 31.05.2020 | 21:00 | 21:15 | 1.392 |
| 31.05.2020 | 21:15 | 21:30 | 1.382 |
| 31.05.2020 | 21:30 | 21:45 | 1.337 |
| 31.05.2020 | 21:45 | 22:00 | 1.318 |
| 31.05.2020 | 22:00 | 22:15 | 1.366 |
| 31.05.2020 | 22:15 | 22:30 | 1.366 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.05.2020 | 22:30 | 22:45 | 1.320 |
| 31.05.2020 | 22:45 | 23:00 | 1.285 |
| 31.05.2020 | 23:00 | 23:15 | 1.231 |
| 31.05.2020 | 23:15 | 23:30 | 1.185 |
| 31.05.2020 | 23:30 | 23:45 | 1.144 |
| 31.05.2020 | 23:45 | 00:00 | 1.098 |
| 01.06.2020 | 00:00 | 00:15 | 1.054 |
| 01.06.2020 | 00:15 | 00:30 | 1.033 |
| 01.06.2020 | 00:30 | 00:45 | 1.002 |
| 01.06.2020 | 00:45 | 01:00 | 979 |
| 01.06.2020 | 01:00 | 01:15 | 951 |
| 01.06.2020 | 01:15 | 01:30 | 927 |
| 01.06.2020 | 01:30 | 01:45 | 909 |
| 01.06.2020 | 01:45 | 02:00 | 895 |
| 01.06.2020 | 02:00 | 02:15 | 880 |
| 01.06.2020 | 02:15 | 02:30 | 874 |
| 01.06.2020 | 02:30 | 02:45 | 866 |
| 01.06.2020 | 02:45 | 03:00 | 854 |
| 01.06.2020 | 03:00 | 03:15 | 852 |
| 01.06.2020 | 03:15 | 03:30 | 844 |
| 01.06.2020 | 03:30 | 03:45 | 846 |
| 01.06.2020 | 03:45 | 04:00 | 846 |
| 01.06.2020 | 04:00 | 04:15 | 844 |
| 01.06.2020 | 04:15 | 04:30 | 844 |
| 01.06.2020 | 04:30 | 04:45 | 845 |
| 01.06.2020 | 04:45 | 05:00 | 823 |
| 01.06.2020 | 05:00 | 05:15 | 828 |
| 01.06.2020 | 05:15 | 05:30 | 852 |
| 01.06.2020 | 05:30 | 05:45 | 854 |
| 01.06.2020 | 05:45 | 06:00 | 860 |
| 01.06.2020 | 06:00 | 06:15 | 876 |
| 01.06.2020 | 06:15 | 06:30 | 898 |
| 01.06.2020 | 06:30 | 06:45 | 914 |
| 01.06.2020 | 06:45 | 07:00 | 933 |
| 01.06.2020 | 07:00 | 07:15 | 959 |
| 01.06.2020 | 07:15 | 07:30 | 1.004 |
| 01.06.2020 | 07:30 | 07:45 | 1.076 |
| 01.06.2020 | 07:45 | 08:00 | 1.113 |
| 01.06.2020 | 08:00 | 08:15 | 1.123 |
| 01.06.2020 | 08:15 | 08:30 | 1.149 |
| 01.06.2020 | 08:30 | 08:45 | 1.206 |
| 01.06.2020 | 08:45 | 09:00 | 1.275 |
| 01.06.2020 | 09:00 | 09:15 | 1.346 |
| 01.06.2020 | 09:15 | 09:30 | 1.411 |
| 01.06.2020 | 09:30 | 09:45 | 1.458 |
| 01.06.2020 | 09:45 | 10:00 | 1.515 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.06.2020 | 10:00 | 10:15 | 1.593 |
| 01.06.2020 | 10:15 | 10:30 | 1.585 |
| 01.06.2020 | 10:30 | 10:45 | 1.616 |
| 01.06.2020 | 10:45 | 11:00 | 1.684 |
| 01.06.2020 | 11:00 | 11:15 | 1.735 |
| 01.06.2020 | 11:15 | 11:30 | 1.757 |
| 01.06.2020 | 11:30 | 11:45 | 1.785 |
| 01.06.2020 | 11:45 | 12:00 | 1.786 |
| 01.06.2020 | 12:00 | 12:15 | 1.744 |
| 01.06.2020 | 12:15 | 12:30 | 1.700 |
| 01.06.2020 | 12:30 | 12:45 | 1.716 |
| 01.06.2020 | 12:45 | 13:00 | 1.705 |
| 01.06.2020 | 13:00 | 13:15 | 1.652 |
| 01.06.2020 | 13:15 | 13:30 | 1.634 |
| 01.06.2020 | 13:30 | 13:45 | 1.595 |
| 01.06.2020 | 13:45 | 14:00 | 1.569 |
| 01.06.2020 | 14:00 | 14:15 | 1.543 |
| 01.06.2020 | 14:15 | 14:30 | 1.514 |
| 01.06.2020 | 14:30 | 14:45 | 1.503 |
| 01.06.2020 | 14:45 | 15:00 | 1.470 |
| 01.06.2020 | 15:00 | 15:15 | 1.429 |
| 01.06.2020 | 15:15 | 15:30 | 1.424 |
| 01.06.2020 | 15:30 | 15:45 | 1.380 |
| 01.06.2020 | 15:45 | 16:00 | 1.383 |
| 01.06.2020 | 16:00 | 16:15 | 1.374 |
| 01.06.2020 | 16:15 | 16:30 | 1.364 |
| 01.06.2020 | 16:30 | 16:45 | 1.355 |
| 01.06.2020 | 16:45 | 17:00 | 1.368 |
| 01.06.2020 | 17:00 | 17:15 | 1.403 |
| 01.06.2020 | 17:15 | 17:30 | 1.420 |
| 01.06.2020 | 17:30 | 17:45 | 1.456 |
| 01.06.2020 | 17:45 | 18:00 | 1.483 |
| 01.06.2020 | 18:00 | 18:15 | 1.483 |
| 01.06.2020 | 18:15 | 18:30 | 1.528 |
| 01.06.2020 | 18:30 | 18:45 | 1.534 |
| 01.06.2020 | 18:45 | 19:00 | 1.546 |
| 01.06.2020 | 19:00 | 19:15 | 1.582 |
| 01.06.2020 | 19:15 | 19:30 | 1.575 |
| 01.06.2020 | 19:30 | 19:45 | 1.577 |
| 01.06.2020 | 19:45 | 20:00 | 1.562 |
| 01.06.2020 | 20:00 | 20:15 | 1.561 |
| 01.06.2020 | 20:15 | 20:30 | 1.536 |
| 01.06.2020 | 20:30 | 20:45 | 1.514 |
| 01.06.2020 | 20:45 | 21:00 | 1.504 |
| 01.06.2020 | 21:00 | 21:15 | 1.489 |
| 01.06.2020 | 21:15 | 21:30 | 1.473 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.06.2020 | 21:30 | 21:45 | 1.456 |
| 01.06.2020 | 21:45 | 22:00 | 1.459 |
| 01.06.2020 | 22:00 | 22:15 | 1.496 |
| 01.06.2020 | 22:15 | 22:30 | 1.514 |
| 01.06.2020 | 22:30 | 22:45 | 1.474 |
| 01.06.2020 | 22:45 | 23:00 | 1.410 |
| 01.06.2020 | 23:00 | 23:15 | 1.347 |
| 01.06.2020 | 23:15 | 23:30 | 1.277 |
| 01.06.2020 | 23:30 | 23:45 | 1.236 |
| 01.06.2020 | 23:45 | 00:00 | 1.200 |
| 02.06.2020 | 00:00 | 00:15 | 1.178 |
| 02.06.2020 | 00:15 | 00:30 | 1.152 |
| 02.06.2020 | 00:30 | 00:45 | 1.118 |
| 02.06.2020 | 00:45 | 01:00 | 1.075 |
| 02.06.2020 | 01:00 | 01:15 | 1.048 |
| 02.06.2020 | 01:15 | 01:30 | 1.024 |
| 02.06.2020 | 01:30 | 01:45 | 1.016 |
| 02.06.2020 | 01:45 | 02:00 | 1.002 |
| 02.06.2020 | 02:00 | 02:15 | 991 |
| 02.06.2020 | 02:15 | 02:30 | 976 |
| 02.06.2020 | 02:30 | 02:45 | 966 |
| 02.06.2020 | 02:45 | 03:00 | 962 |
| 02.06.2020 | 03:00 | 03:15 | 961 |
| 02.06.2020 | 03:15 | 03:30 | 956 |
| 02.06.2020 | 03:30 | 03:45 | 963 |
| 02.06.2020 | 03:45 | 04:00 | 970 |
| 02.06.2020 | 04:00 | 04:15 | 987 |
| 02.06.2020 | 04:15 | 04:30 | 1.014 |
| 02.06.2020 | 04:30 | 04:45 | 1.036 |
| 02.06.2020 | 04:45 | 05:00 | 1.018 |
| 02.06.2020 | 05:00 | 05:15 | 1.041 |
| 02.06.2020 | 05:15 | 05:30 | 1.043 |
| 02.06.2020 | 05:30 | 05:45 | 1.084 |
| 02.06.2020 | 05:45 | 06:00 | 1.143 |
| 02.06.2020 | 06:00 | 06:15 | 1.260 |
| 02.06.2020 | 06:15 | 06:30 | 1.366 |
| 02.06.2020 | 06:30 | 06:45 | 1.417 |
| 02.06.2020 | 06:45 | 07:00 | 1.474 |
| 02.06.2020 | 07:00 | 07:15 | 1.528 |
| 02.06.2020 | 07:15 | 07:30 | 1.612 |
| 02.06.2020 | 07:30 | 07:45 | 1.681 |
| 02.06.2020 | 07:45 | 08:00 | 1.761 |
| 02.06.2020 | 08:00 | 08:15 | 1.849 |
| 02.06.2020 | 08:15 | 08:30 | 1.886 |
| 02.06.2020 | 08:30 | 08:45 | 1.930 |
| 02.06.2020 | 08:45 | 09:00 | 1.994 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.06.2020 | 09:00 | 09:15 | 2.057 |
| 02.06.2020 | 09:15 | 09:30 | 2.100 |
| 02.06.2020 | 09:30 | 09:45 | 2.124 |
| 02.06.2020 | 09:45 | 10:00 | 2.152 |
| 02.06.2020 | 10:00 | 10:15 | 2.197 |
| 02.06.2020 | 10:15 | 10:30 | 2.215 |
| 02.06.2020 | 10:30 | 10:45 | 2.246 |
| 02.06.2020 | 10:45 | 11:00 | 2.264 |
| 02.06.2020 | 11:00 | 11:15 | 2.275 |
| 02.06.2020 | 11:15 | 11:30 | 2.300 |
| 02.06.2020 | 11:30 | 11:45 | 2.356 |
| 02.06.2020 | 11:45 | 12:00 | 2.382 |
| 02.06.2020 | 12:00 | 12:15 | 2.380 |
| 02.06.2020 | 12:15 | 12:30 | 2.402 |
| 02.06.2020 | 12:30 | 12:45 | 2.399 |
| 02.06.2020 | 12:45 | 13:00 | 2.406 |
| 02.06.2020 | 13:00 | 13:15 | 2.380 |
| 02.06.2020 | 13:15 | 13:30 | 2.344 |
| 02.06.2020 | 13:30 | 13:45 | 2.310 |
| 02.06.2020 | 13:45 | 14:00 | 2.282 |
| 02.06.2020 | 14:00 | 14:15 | 2.277 |
| 02.06.2020 | 14:15 | 14:30 | 2.248 |
| 02.06.2020 | 14:30 | 14:45 | 2.241 |
| 02.06.2020 | 14:45 | 15:00 | 2.220 |
| 02.06.2020 | 15:00 | 15:15 | 2.186 |
| 02.06.2020 | 15:15 | 15:30 | 2.150 |
| 02.06.2020 | 15:30 | 15:45 | 2.106 |
| 02.06.2020 | 15:45 | 16:00 | 2.086 |
| 02.06.2020 | 16:00 | 16:15 | 2.123 |
| 02.06.2020 | 16:15 | 16:30 | 2.123 |
| 02.06.2020 | 16:30 | 16:45 | 2.094 |
| 02.06.2020 | 16:45 | 17:00 | 2.061 |
| 02.06.2020 | 17:00 | 17:15 | 2.062 |
| 02.06.2020 | 17:15 | 17:30 | 2.053 |
| 02.06.2020 | 17:30 | 17:45 | 2.054 |
| 02.06.2020 | 17:45 | 18:00 | 2.092 |
| 02.06.2020 | 18:00 | 18:15 | 2.098 |
| 02.06.2020 | 18:15 | 18:30 | 2.087 |
| 02.06.2020 | 18:30 | 18:45 | 2.088 |
| 02.06.2020 | 18:45 | 19:00 | 2.098 |
| 02.06.2020 | 19:00 | 19:15 | 2.115 |
| 02.06.2020 | 19:15 | 19:30 | 2.107 |
| 02.06.2020 | 19:30 | 19:45 | 2.051 |
| 02.06.2020 | 19:45 | 20:00 | 2.027 |
| 02.06.2020 | 20:00 | 20:15 | 1.971 |
| 02.06.2020 | 20:15 | 20:30 | 1.916 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.06.2020 | 20:30 | 20:45 | 1.865 |
| 02.06.2020 | 20:45 | 21:00 | 1.845 |
| 02.06.2020 | 21:00 | 21:15 | 1.782 |
| 02.06.2020 | 21:15 | 21:30 | 1.738 |
| 02.06.2020 | 21:30 | 21:45 | 1.727 |
| 02.06.2020 | 21:45 | 22:00 | 1.696 |
| 02.06.2020 | 22:00 | 22:15 | 1.675 |
| 02.06.2020 | 22:15 | 22:30 | 1.684 |
| 02.06.2020 | 22:30 | 22:45 | 1.641 |
| 02.06.2020 | 22:45 | 23:00 | 1.578 |
| 02.06.2020 | 23:00 | 23:15 | 1.501 |
| 02.06.2020 | 23:15 | 23:30 | 1.447 |
| 02.06.2020 | 23:30 | 23:45 | 1.397 |
| 02.06.2020 | 23:45 | 00:00 | 1.345 |
| 03.06.2020 | 00:00 | 00:15 | 1.307 |
| 03.06.2020 | 00:15 | 00:30 | 1.275 |
| 03.06.2020 | 00:30 | 00:45 | 1.242 |
| 03.06.2020 | 00:45 | 01:00 | 1.211 |
| 03.06.2020 | 01:00 | 01:15 | 1.169 |
| 03.06.2020 | 01:15 | 01:30 | 1.142 |
| 03.06.2020 | 01:30 | 01:45 | 1.118 |
| 03.06.2020 | 01:45 | 02:00 | 1.100 |
| 03.06.2020 | 02:00 | 02:15 | 1.078 |
| 03.06.2020 | 02:15 | 02:30 | 1.075 |
| 03.06.2020 | 02:30 | 02:45 | 1.063 |
| 03.06.2020 | 02:45 | 03:00 | 1.057 |
| 03.06.2020 | 03:00 | 03:15 | 1.058 |
| 03.06.2020 | 03:15 | 03:30 | 1.054 |
| 03.06.2020 | 03:30 | 03:45 | 1.062 |
| 03.06.2020 | 03:45 | 04:00 | 1.064 |
| 03.06.2020 | 04:00 | 04:15 | 1.081 |
| 03.06.2020 | 04:15 | 04:30 | 1.091 |
| 03.06.2020 | 04:30 | 04:45 | 1.125 |
| 03.06.2020 | 04:45 | 05:00 | 1.129 |
| 03.06.2020 | 05:00 | 05:15 | 1.120 |
| 03.06.2020 | 05:15 | 05:30 | 1.144 |
| 03.06.2020 | 05:30 | 05:45 | 1.186 |
| 03.06.2020 | 05:45 | 06:00 | 1.243 |
| 03.06.2020 | 06:00 | 06:15 | 1.354 |
| 03.06.2020 | 06:15 | 06:30 | 1.447 |
| 03.06.2020 | 06:30 | 06:45 | 1.507 |
| 03.06.2020 | 06:45 | 07:00 | 1.569 |
| 03.06.2020 | 07:00 | 07:15 | 1.661 |
| 03.06.2020 | 07:15 | 07:30 | 1.727 |
| 03.06.2020 | 07:30 | 07:45 | 1.696 |
| 03.06.2020 | 07:45 | 08:00 | 1.721 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.06.2020 | 08:00 | 08:15 | 1.809 |
| 03.06.2020 | 08:15 | 08:30 | 1.847 |
| 03.06.2020 | 08:30 | 08:45 | 1.900 |
| 03.06.2020 | 08:45 | 09:00 | 1.915 |
| 03.06.2020 | 09:00 | 09:15 | 1.975 |
| 03.06.2020 | 09:15 | 09:30 | 1.997 |
| 03.06.2020 | 09:30 | 09:45 | 2.060 |
| 03.06.2020 | 09:45 | 10:00 | 2.114 |
| 03.06.2020 | 10:00 | 10:15 | 2.119 |
| 03.06.2020 | 10:15 | 10:30 | 2.140 |
| 03.06.2020 | 10:30 | 10:45 | 2.158 |
| 03.06.2020 | 10:45 | 11:00 | 2.219 |
| 03.06.2020 | 11:00 | 11:15 | 2.230 |
| 03.06.2020 | 11:15 | 11:30 | 2.295 |
| 03.06.2020 | 11:30 | 11:45 | 2.321 |
| 03.06.2020 | 11:45 | 12:00 | 2.325 |
| 03.06.2020 | 12:00 | 12:15 | 2.332 |
| 03.06.2020 | 12:15 | 12:30 | 2.358 |
| 03.06.2020 | 12:30 | 12:45 | 2.375 |
| 03.06.2020 | 12:45 | 13:00 | 2.338 |
| 03.06.2020 | 13:00 | 13:15 | 2.297 |
| 03.06.2020 | 13:15 | 13:30 | 2.308 |
| 03.06.2020 | 13:30 | 13:45 | 2.297 |
| 03.06.2020 | 13:45 | 14:00 | 2.238 |
| 03.06.2020 | 14:00 | 14:15 | 2.242 |
| 03.06.2020 | 14:15 | 14:30 | 2.265 |
| 03.06.2020 | 14:30 | 14:45 | 2.243 |
| 03.06.2020 | 14:45 | 15:00 | 2.217 |
| 03.06.2020 | 15:00 | 15:15 | 2.177 |
| 03.06.2020 | 15:15 | 15:30 | 2.185 |
| 03.06.2020 | 15:30 | 15:45 | 2.114 |
| 03.06.2020 | 15:45 | 16:00 | 2.107 |
| 03.06.2020 | 16:00 | 16:15 | 2.136 |
| 03.06.2020 | 16:15 | 16:30 | 2.166 |
| 03.06.2020 | 16:30 | 16:45 | 2.139 |
| 03.06.2020 | 16:45 | 17:00 | 2.115 |
| 03.06.2020 | 17:00 | 17:15 | 2.133 |
| 03.06.2020 | 17:15 | 17:30 | 2.098 |
| 03.06.2020 | 17:30 | 17:45 | 2.118 |
| 03.06.2020 | 17:45 | 18:00 | 2.165 |
| 03.06.2020 | 18:00 | 18:15 | 2.182 |
| 03.06.2020 | 18:15 | 18:30 | 2.194 |
| 03.06.2020 | 18:30 | 18:45 | 2.196 |
| 03.06.2020 | 18:45 | 19:00 | 2.188 |
| 03.06.2020 | 19:00 | 19:15 | 2.169 |
| 03.06.2020 | 19:15 | 19:30 | 2.133 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.06.2020 | 19:30 | 19:45 | 2.068 |
| 03.06.2020 | 19:45 | 20:00 | 2.063 |
| 03.06.2020 | 20:00 | 20:15 | 1.990 |
| 03.06.2020 | 20:15 | 20:30 | 1.918 |
| 03.06.2020 | 20:30 | 20:45 | 1.861 |
| 03.06.2020 | 20:45 | 21:00 | 1.827 |
| 03.06.2020 | 21:00 | 21:15 | 1.798 |
| 03.06.2020 | 21:15 | 21:30 | 1.765 |
| 03.06.2020 | 21:30 | 21:45 | 1.730 |
| 03.06.2020 | 21:45 | 22:00 | 1.716 |
| 03.06.2020 | 22:00 | 22:15 | 1.691 |
| 03.06.2020 | 22:15 | 22:30 | 1.695 |
| 03.06.2020 | 22:30 | 22:45 | 1.638 |
| 03.06.2020 | 22:45 | 23:00 | 1.569 |
| 03.06.2020 | 23:00 | 23:15 | 1.484 |
| 03.06.2020 | 23:15 | 23:30 | 1.426 |
| 03.06.2020 | 23:30 | 23:45 | 1.382 |
| 03.06.2020 | 23:45 | 00:00 | 1.314 |
| 04.06.2020 | 00:00 | 00:15 | 1.277 |
| 04.06.2020 | 00:15 | 00:30 | 1.237 |
| 04.06.2020 | 00:30 | 00:45 | 1.205 |
| 04.06.2020 | 00:45 | 01:00 | 1.193 |
| 04.06.2020 | 01:00 | 01:15 | 1.190 |
| 04.06.2020 | 01:15 | 01:30 | 1.167 |
| 04.06.2020 | 01:30 | 01:45 | 1.138 |
| 04.06.2020 | 01:45 | 02:00 | 1.123 |
| 04.06.2020 | 02:00 | 02:15 | 1.110 |
| 04.06.2020 | 02:15 | 02:30 | 1.102 |
| 04.06.2020 | 02:30 | 02:45 | 1.090 |
| 04.06.2020 | 02:45 | 03:00 | 1.080 |
| 04.06.2020 | 03:00 | 03:15 | 1.080 |
| 04.06.2020 | 03:15 | 03:30 | 1.082 |
| 04.06.2020 | 03:30 | 03:45 | 1.090 |
| 04.06.2020 | 03:45 | 04:00 | 1.092 |
| 04.06.2020 | 04:00 | 04:15 | 1.104 |
| 04.06.2020 | 04:15 | 04:30 | 1.123 |
| 04.06.2020 | 04:30 | 04:45 | 1.152 |
| 04.06.2020 | 04:45 | 05:00 | 1.161 |
| 04.06.2020 | 05:00 | 05:15 | 1.165 |
| 04.06.2020 | 05:15 | 05:30 | 1.188 |
| 04.06.2020 | 05:30 | 05:45 | 1.241 |
| 04.06.2020 | 05:45 | 06:00 | 1.309 |
| 04.06.2020 | 06:00 | 06:15 | 1.418 |
| 04.06.2020 | 06:15 | 06:30 | 1.506 |
| 04.06.2020 | 06:30 | 06:45 | 1.565 |
| 04.06.2020 | 06:45 | 07:00 | 1.651 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.06.2020 | 07:00 | 07:15 | 1.714 |
| 04.06.2020 | 07:15 | 07:30 | 1.761 |
| 04.06.2020 | 07:30 | 07:45 | 1.815 |
| 04.06.2020 | 07:45 | 08:00 | 1.876 |
| 04.06.2020 | 08:00 | 08:15 | 1.954 |
| 04.06.2020 | 08:15 | 08:30 | 2.017 |
| 04.06.2020 | 08:30 | 08:45 | 2.066 |
| 04.06.2020 | 08:45 | 09:00 | 2.118 |
| 04.06.2020 | 09:00 | 09:15 | 2.146 |
| 04.06.2020 | 09:15 | 09:30 | 2.175 |
| 04.06.2020 | 09:30 | 09:45 | 2.192 |
| 04.06.2020 | 09:45 | 10:00 | 2.286 |
| 04.06.2020 | 10:00 | 10:15 | 2.303 |
| 04.06.2020 | 10:15 | 10:30 | 2.347 |
| 04.06.2020 | 10:30 | 10:45 | 2.357 |
| 04.06.2020 | 10:45 | 11:00 | 2.414 |
| 04.06.2020 | 11:00 | 11:15 | 2.437 |
| 04.06.2020 | 11:15 | 11:30 | 2.493 |
| 04.06.2020 | 11:30 | 11:45 | 2.513 |
| 04.06.2020 | 11:45 | 12:00 | 2.529 |
| 04.06.2020 | 12:00 | 12:15 | 2.531 |
| 04.06.2020 | 12:15 | 12:30 | 2.581 |
| 04.06.2020 | 12:30 | 12:45 | 2.565 |
| 04.06.2020 | 12:45 | 13:00 | 2.566 |
| 04.06.2020 | 13:00 | 13:15 | 2.547 |
| 04.06.2020 | 13:15 | 13:30 | 2.500 |
| 04.06.2020 | 13:30 | 13:45 | 2.417 |
| 04.06.2020 | 13:45 | 14:00 | 2.408 |
| 04.06.2020 | 14:00 | 14:15 | 2.384 |
| 04.06.2020 | 14:15 | 14:30 | 2.396 |
| 04.06.2020 | 14:30 | 14:45 | 2.407 |
| 04.06.2020 | 14:45 | 15:00 | 2.395 |
| 04.06.2020 | 15:00 | 15:15 | 2.363 |
| 04.06.2020 | 15:15 | 15:30 | 2.312 |
| 04.06.2020 | 15:30 | 15:45 | 2.297 |
| 04.06.2020 | 15:45 | 16:00 | 2.276 |
| 04.06.2020 | 16:00 | 16:15 | 2.291 |
| 04.06.2020 | 16:15 | 16:30 | 2.303 |
| 04.06.2020 | 16:30 | 16:45 | 2.263 |
| 04.06.2020 | 16:45 | 17:00 | 2.254 |
| 04.06.2020 | 17:00 | 17:15 | 2.237 |
| 04.06.2020 | 17:15 | 17:30 | 2.205 |
| 04.06.2020 | 17:30 | 17:45 | 2.187 |
| 04.06.2020 | 17:45 | 18:00 | 2.253 |
| 04.06.2020 | 18:00 | 18:15 | 2.255 |
| 04.06.2020 | 18:15 | 18:30 | 2.270 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.06.2020 | 18:30 | 18:45 | 2.311 |
| 04.06.2020 | 18:45 | 19:00 | 2.371 |
| 04.06.2020 | 19:00 | 19:15 | 2.330 |
| 04.06.2020 | 19:15 | 19:30 | 2.297 |
| 04.06.2020 | 19:30 | 19:45 | 2.236 |
| 04.06.2020 | 19:45 | 20:00 | 2.185 |
| 04.06.2020 | 20:00 | 20:15 | 2.050 |
| 04.06.2020 | 20:15 | 20:30 | 1.978 |
| 04.06.2020 | 20:30 | 20:45 | 1.946 |
| 04.06.2020 | 20:45 | 21:00 | 1.927 |
| 04.06.2020 | 21:00 | 21:15 | 1.883 |
| 04.06.2020 | 21:15 | 21:30 | 1.840 |
| 04.06.2020 | 21:30 | 21:45 | 1.793 |
| 04.06.2020 | 21:45 | 22:00 | 1.702 |
| 04.06.2020 | 22:00 | 22:15 | 1.728 |
| 04.06.2020 | 22:15 | 22:30 | 1.714 |
| 04.06.2020 | 22:30 | 22:45 | 1.616 |
| 04.06.2020 | 22:45 | 23:00 | 1.545 |
| 04.06.2020 | 23:00 | 23:15 | 1.479 |
| 04.06.2020 | 23:15 | 23:30 | 1.411 |
| 04.06.2020 | 23:30 | 23:45 | 1.341 |
| 04.06.2020 | 23:45 | 00:00 | 1.289 |
| 05.06.2020 | 00:00 | 00:15 | 1.245 |
| 05.06.2020 | 00:15 | 00:30 | 1.208 |
| 05.06.2020 | 00:30 | 00:45 | 1.170 |
| 05.06.2020 | 00:45 | 01:00 | 1.142 |
| 05.06.2020 | 01:00 | 01:15 | 1.121 |
| 05.06.2020 | 01:15 | 01:30 | 1.096 |
| 05.06.2020 | 01:30 | 01:45 | 1.076 |
| 05.06.2020 | 01:45 | 02:00 | 1.055 |
| 05.06.2020 | 02:00 | 02:15 | 1.039 |
| 05.06.2020 | 02:15 | 02:30 | 1.025 |
| 05.06.2020 | 02:30 | 02:45 | 1.019 |
| 05.06.2020 | 02:45 | 03:00 | 1.004 |
| 05.06.2020 | 03:00 | 03:15 | 1.018 |
| 05.06.2020 | 03:15 | 03:30 | 1.020 |
| 05.06.2020 | 03:30 | 03:45 | 1.025 |
| 05.06.2020 | 03:45 | 04:00 | 1.020 |
| 05.06.2020 | 04:00 | 04:15 | 1.036 |
| 05.06.2020 | 04:15 | 04:30 | 1.058 |
| 05.06.2020 | 04:30 | 04:45 | 1.089 |
| 05.06.2020 | 04:45 | 05:00 | 1.080 |
| 05.06.2020 | 05:00 | 05:15 | 1.094 |
| 05.06.2020 | 05:15 | 05:30 | 1.121 |
| 05.06.2020 | 05:30 | 05:45 | 1.161 |
| 05.06.2020 | 05:45 | 06:00 | 1.213 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.06.2020 | 06:00 | 06:15 | 1.307 |
| 05.06.2020 | 06:15 | 06:30 | 1.407 |
| 05.06.2020 | 06:30 | 06:45 | 1.466 |
| 05.06.2020 | 06:45 | 07:00 | 1.524 |
| 05.06.2020 | 07:00 | 07:15 | 1.606 |
| 05.06.2020 | 07:15 | 07:30 | 1.671 |
| 05.06.2020 | 07:30 | 07:45 | 1.710 |
| 05.06.2020 | 07:45 | 08:00 | 1.765 |
| 05.06.2020 | 08:00 | 08:15 | 1.813 |
| 05.06.2020 | 08:15 | 08:30 | 1.868 |
| 05.06.2020 | 08:30 | 08:45 | 1.876 |
| 05.06.2020 | 08:45 | 09:00 | 1.905 |
| 05.06.2020 | 09:00 | 09:15 | 1.937 |
| 05.06.2020 | 09:15 | 09:30 | 1.985 |
| 05.06.2020 | 09:30 | 09:45 | 2.015 |
| 05.06.2020 | 09:45 | 10:00 | 2.122 |
| 05.06.2020 | 10:00 | 10:15 | 2.127 |
| 05.06.2020 | 10:15 | 10:30 | 2.143 |
| 05.06.2020 | 10:30 | 10:45 | 2.126 |
| 05.06.2020 | 10:45 | 11:00 | 2.222 |
| 05.06.2020 | 11:00 | 11:15 | 2.245 |
| 05.06.2020 | 11:15 | 11:30 | 2.240 |
| 05.06.2020 | 11:30 | 11:45 | 2.285 |
| 05.06.2020 | 11:45 | 12:00 | 2.264 |
| 05.06.2020 | 12:00 | 12:15 | 2.305 |
| 05.06.2020 | 12:15 | 12:30 | 2.312 |
| 05.06.2020 | 12:30 | 12:45 | 2.315 |
| 05.06.2020 | 12:45 | 13:00 | 2.300 |
| 05.06.2020 | 13:00 | 13:15 | 2.279 |
| 05.06.2020 | 13:15 | 13:30 | 2.309 |
| 05.06.2020 | 13:30 | 13:45 | 2.300 |
| 05.06.2020 | 13:45 | 14:00 | 2.265 |
| 05.06.2020 | 14:00 | 14:15 | 2.274 |
| 05.06.2020 | 14:15 | 14:30 | 2.361 |
| 05.06.2020 | 14:30 | 14:45 | 2.433 |
| 05.06.2020 | 14:45 | 15:00 | 2.404 |
| 05.06.2020 | 15:00 | 15:15 | 2.336 |
| 05.06.2020 | 15:15 | 15:30 | 2.296 |
| 05.06.2020 | 15:30 | 15:45 | 2.279 |
| 05.06.2020 | 15:45 | 16:00 | 2.301 |
| 05.06.2020 | 16:00 | 16:15 | 2.281 |
| 05.06.2020 | 16:15 | 16:30 | 2.228 |
| 05.06.2020 | 16:30 | 16:45 | 2.161 |
| 05.06.2020 | 16:45 | 17:00 | 2.122 |
| 05.06.2020 | 17:00 | 17:15 | 2.159 |
| 05.06.2020 | 17:15 | 17:30 | 2.173 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.06.2020 | 17:30 | 17:45 | 2.155 |
| 05.06.2020 | 17:45 | 18:00 | 2.161 |
| 05.06.2020 | 18:00 | 18:15 | 2.148 |
| 05.06.2020 | 18:15 | 18:30 | 2.195 |
| 05.06.2020 | 18:30 | 18:45 | 2.185 |
| 05.06.2020 | 18:45 | 19:00 | 2.187 |
| 05.06.2020 | 19:00 | 19:15 | 2.115 |
| 05.06.2020 | 19:15 | 19:30 | 2.142 |
| 05.06.2020 | 19:30 | 19:45 | 2.124 |
| 05.06.2020 | 19:45 | 20:00 | 2.150 |
| 05.06.2020 | 20:00 | 20:15 | 2.074 |
| 05.06.2020 | 20:15 | 20:30 | 1.934 |
| 05.06.2020 | 20:30 | 20:45 | 1.843 |
| 05.06.2020 | 20:45 | 21:00 | 1.772 |
| 05.06.2020 | 21:00 | 21:15 | 1.729 |
| 05.06.2020 | 21:15 | 21:30 | 1.695 |
| 05.06.2020 | 21:30 | 21:45 | 1.667 |
| 05.06.2020 | 21:45 | 22:00 | 1.644 |
| 05.06.2020 | 22:00 | 22:15 | 1.661 |
| 05.06.2020 | 22:15 | 22:30 | 1.671 |
| 05.06.2020 | 22:30 | 22:45 | 1.618 |
| 05.06.2020 | 22:45 | 23:00 | 1.566 |
| 05.06.2020 | 23:00 | 23:15 | 1.513 |
| 05.06.2020 | 23:15 | 23:30 | 1.458 |
| 05.06.2020 | 23:30 | 23:45 | 1.406 |
| 05.06.2020 | 23:45 | 00:00 | 1.341 |
| 06.06.2020 | 00:00 | 00:15 | 1.279 |
| 06.06.2020 | 00:15 | 00:30 | 1.236 |
| 06.06.2020 | 00:30 | 00:45 | 1.208 |
| 06.06.2020 | 00:45 | 01:00 | 1.175 |
| 06.06.2020 | 01:00 | 01:15 | 1.141 |
| 06.06.2020 | 01:15 | 01:30 | 1.105 |
| 06.06.2020 | 01:30 | 01:45 | 1.059 |
| 06.06.2020 | 01:45 | 02:00 | 1.043 |
| 06.06.2020 | 02:00 | 02:15 | 1.030 |
| 06.06.2020 | 02:15 | 02:30 | 1.020 |
| 06.06.2020 | 02:30 | 02:45 | 1.012 |
| 06.06.2020 | 02:45 | 03:00 | 994 |
| 06.06.2020 | 03:00 | 03:15 | 987 |
| 06.06.2020 | 03:15 | 03:30 | 983 |
| 06.06.2020 | 03:30 | 03:45 | 969 |
| 06.06.2020 | 03:45 | 04:00 | 958 |
| 06.06.2020 | 04:00 | 04:15 | 961 |
| 06.06.2020 | 04:15 | 04:30 | 965 |
| 06.06.2020 | 04:30 | 04:45 | 975 |
| 06.06.2020 | 04:45 | 05:00 | 952 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.06.2020 | 05:00 | 05:15 | 968 |
| 06.06.2020 | 05:15 | 05:30 | 973 |
| 06.06.2020 | 05:30 | 05:45 | 981 |
| 06.06.2020 | 05:45 | 06:00 | 990 |
| 06.06.2020 | 06:00 | 06:15 | 1.009 |
| 06.06.2020 | 06:15 | 06:30 | 1.036 |
| 06.06.2020 | 06:30 | 06:45 | 1.057 |
| 06.06.2020 | 06:45 | 07:00 | 1.088 |
| 06.06.2020 | 07:00 | 07:15 | 1.129 |
| 06.06.2020 | 07:15 | 07:30 | 1.159 |
| 06.06.2020 | 07:30 | 07:45 | 1.198 |
| 06.06.2020 | 07:45 | 08:00 | 1.226 |
| 06.06.2020 | 08:00 | 08:15 | 1.327 |
| 06.06.2020 | 08:15 | 08:30 | 1.377 |
| 06.06.2020 | 08:30 | 08:45 | 1.448 |
| 06.06.2020 | 08:45 | 09:00 | 1.523 |
| 06.06.2020 | 09:00 | 09:15 | 1.575 |
| 06.06.2020 | 09:15 | 09:30 | 1.638 |
| 06.06.2020 | 09:30 | 09:45 | 1.654 |
| 06.06.2020 | 09:45 | 10:00 | 1.728 |
| 06.06.2020 | 10:00 | 10:15 | 1.813 |
| 06.06.2020 | 10:15 | 10:30 | 1.827 |
| 06.06.2020 | 10:30 | 10:45 | 1.821 |
| 06.06.2020 | 10:45 | 11:00 | 1.820 |
| 06.06.2020 | 11:00 | 11:15 | 1.853 |
| 06.06.2020 | 11:15 | 11:30 | 1.950 |
| 06.06.2020 | 11:30 | 11:45 | 1.973 |
| 06.06.2020 | 11:45 | 12:00 | 1.971 |
| 06.06.2020 | 12:00 | 12:15 | 1.928 |
| 06.06.2020 | 12:15 | 12:30 | 1.937 |
| 06.06.2020 | 12:30 | 12:45 | 1.950 |
| 06.06.2020 | 12:45 | 13:00 | 2.007 |
| 06.06.2020 | 13:00 | 13:15 | 1.923 |
| 06.06.2020 | 13:15 | 13:30 | 1.918 |
| 06.06.2020 | 13:30 | 13:45 | 1.873 |
| 06.06.2020 | 13:45 | 14:00 | 1.870 |
| 06.06.2020 | 14:00 | 14:15 | 1.888 |
| 06.06.2020 | 14:15 | 14:30 | 1.835 |
| 06.06.2020 | 14:30 | 14:45 | 1.812 |
| 06.06.2020 | 14:45 | 15:00 | 1.802 |
| 06.06.2020 | 15:00 | 15:15 | 1.767 |
| 06.06.2020 | 15:15 | 15:30 | 1.797 |
| 06.06.2020 | 15:30 | 15:45 | 1.780 |
| 06.06.2020 | 15:45 | 16:00 | 1.747 |
| 06.06.2020 | 16:00 | 16:15 | 1.755 |
| 06.06.2020 | 16:15 | 16:30 | 1.751 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.06.2020 | 16:30 | 16:45 | 1.756 |
| 06.06.2020 | 16:45 | 17:00 | 1.724 |
| 06.06.2020 | 17:00 | 17:15 | 1.743 |
| 06.06.2020 | 17:15 | 17:30 | 1.760 |
| 06.06.2020 | 17:30 | 17:45 | 1.791 |
| 06.06.2020 | 17:45 | 18:00 | 1.782 |
| 06.06.2020 | 18:00 | 18:15 | 1.782 |
| 06.06.2020 | 18:15 | 18:30 | 1.784 |
| 06.06.2020 | 18:30 | 18:45 | 1.765 |
| 06.06.2020 | 18:45 | 19:00 | 1.766 |
| 06.06.2020 | 19:00 | 19:15 | 1.745 |
| 06.06.2020 | 19:15 | 19:30 | 1.702 |
| 06.06.2020 | 19:30 | 19:45 | 1.649 |
| 06.06.2020 | 19:45 | 20:00 | 1.630 |
| 06.06.2020 | 20:00 | 20:15 | 1.607 |
| 06.06.2020 | 20:15 | 20:30 | 1.552 |
| 06.06.2020 | 20:30 | 20:45 | 1.531 |
| 06.06.2020 | 20:45 | 21:00 | 1.500 |
| 06.06.2020 | 21:00 | 21:15 | 1.458 |
| 06.06.2020 | 21:15 | 21:30 | 1.431 |
| 06.06.2020 | 21:30 | 21:45 | 1.394 |
| 06.06.2020 | 21:45 | 22:00 | 1.401 |
| 06.06.2020 | 22:00 | 22:15 | 1.404 |
| 06.06.2020 | 22:15 | 22:30 | 1.417 |
| 06.06.2020 | 22:30 | 22:45 | 1.380 |
| 06.06.2020 | 22:45 | 23:00 | 1.391 |
| 06.06.2020 | 23:00 | 23:15 | 1.334 |
| 06.06.2020 | 23:15 | 23:30 | 1.291 |
| 06.06.2020 | 23:30 | 23:45 | 1.253 |
| 06.06.2020 | 23:45 | 00:00 | 1.189 |
| 07.06.2020 | 00:00 | 00:15 | 1.115 |
| 07.06.2020 | 00:15 | 00:30 | 1.090 |
| 07.06.2020 | 00:30 | 00:45 | 1.048 |
| 07.06.2020 | 00:45 | 01:00 | 1.026 |
| 07.06.2020 | 01:00 | 01:15 | 998 |
| 07.06.2020 | 01:15 | 01:30 | 975 |
| 07.06.2020 | 01:30 | 01:45 | 954 |
| 07.06.2020 | 01:45 | 02:00 | 932 |
| 07.06.2020 | 02:00 | 02:15 | 926 |
| 07.06.2020 | 02:15 | 02:30 | 911 |
| 07.06.2020 | 02:30 | 02:45 | 900 |
| 07.06.2020 | 02:45 | 03:00 | 889 |
| 07.06.2020 | 03:00 | 03:15 | 887 |
| 07.06.2020 | 03:15 | 03:30 | 875 |
| 07.06.2020 | 03:30 | 03:45 | 877 |
| 07.06.2020 | 03:45 | 04:00 | 876 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.06.2020 | 04:00 | 04:15 | 876 |
| 07.06.2020 | 04:15 | 04:30 | 873 |
| 07.06.2020 | 04:30 | 04:45 | 874 |
| 07.06.2020 | 04:45 | 05:00 | 857 |
| 07.06.2020 | 05:00 | 05:15 | 849 |
| 07.06.2020 | 05:15 | 05:30 | 853 |
| 07.06.2020 | 05:30 | 05:45 | 856 |
| 07.06.2020 | 05:45 | 06:00 | 864 |
| 07.06.2020 | 06:00 | 06:15 | 879 |
| 07.06.2020 | 06:15 | 06:30 | 885 |
| 07.06.2020 | 06:30 | 06:45 | 896 |
| 07.06.2020 | 06:45 | 07:00 | 910 |
| 07.06.2020 | 07:00 | 07:15 | 933 |
| 07.06.2020 | 07:15 | 07:30 | 959 |
| 07.06.2020 | 07:30 | 07:45 | 989 |
| 07.06.2020 | 07:45 | 08:00 | 1.030 |
| 07.06.2020 | 08:00 | 08:15 | 1.081 |
| 07.06.2020 | 08:15 | 08:30 | 1.117 |
| 07.06.2020 | 08:30 | 08:45 | 1.164 |
| 07.06.2020 | 08:45 | 09:00 | 1.207 |
| 07.06.2020 | 09:00 | 09:15 | 1.272 |
| 07.06.2020 | 09:15 | 09:30 | 1.335 |
| 07.06.2020 | 09:30 | 09:45 | 1.383 |
| 07.06.2020 | 09:45 | 10:00 | 1.438 |
| 07.06.2020 | 10:00 | 10:15 | 1.506 |
| 07.06.2020 | 10:15 | 10:30 | 1.536 |
| 07.06.2020 | 10:30 | 10:45 | 1.593 |
| 07.06.2020 | 10:45 | 11:00 | 1.629 |
| 07.06.2020 | 11:00 | 11:15 | 1.689 |
| 07.06.2020 | 11:15 | 11:30 | 1.728 |
| 07.06.2020 | 11:30 | 11:45 | 1.798 |
| 07.06.2020 | 11:45 | 12:00 | 1.850 |
| 07.06.2020 | 12:00 | 12:15 | 1.861 |
| 07.06.2020 | 12:15 | 12:30 | 1.815 |
| 07.06.2020 | 12:30 | 12:45 | 1.876 |
| 07.06.2020 | 12:45 | 13:00 | 1.821 |
| 07.06.2020 | 13:00 | 13:15 | 1.797 |
| 07.06.2020 | 13:15 | 13:30 | 1.769 |
| 07.06.2020 | 13:30 | 13:45 | 1.762 |
| 07.06.2020 | 13:45 | 14:00 | 1.753 |
| 07.06.2020 | 14:00 | 14:15 | 1.729 |
| 07.06.2020 | 14:15 | 14:30 | 1.727 |
| 07.06.2020 | 14:30 | 14:45 | 1.669 |
| 07.06.2020 | 14:45 | 15:00 | 1.595 |
| 07.06.2020 | 15:00 | 15:15 | 1.565 |
| 07.06.2020 | 15:15 | 15:30 | 1.544 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.06.2020 | 15:30 | 15:45 | 1.497 |
| 07.06.2020 | 15:45 | 16:00 | 1.494 |
| 07.06.2020 | 16:00 | 16:15 | 1.493 |
| 07.06.2020 | 16:15 | 16:30 | 1.472 |
| 07.06.2020 | 16:30 | 16:45 | 1.477 |
| 07.06.2020 | 16:45 | 17:00 | 1.499 |
| 07.06.2020 | 17:00 | 17:15 | 1.528 |
| 07.06.2020 | 17:15 | 17:30 | 1.531 |
| 07.06.2020 | 17:30 | 17:45 | 1.555 |
| 07.06.2020 | 17:45 | 18:00 | 1.567 |
| 07.06.2020 | 18:00 | 18:15 | 1.595 |
| 07.06.2020 | 18:15 | 18:30 | 1.609 |
| 07.06.2020 | 18:30 | 18:45 | 1.604 |
| 07.06.2020 | 18:45 | 19:00 | 1.605 |
| 07.06.2020 | 19:00 | 19:15 | 1.592 |
| 07.06.2020 | 19:15 | 19:30 | 1.553 |
| 07.06.2020 | 19:30 | 19:45 | 1.544 |
| 07.06.2020 | 19:45 | 20:00 | 1.521 |
| 07.06.2020 | 20:00 | 20:15 | 1.507 |
| 07.06.2020 | 20:15 | 20:30 | 1.454 |
| 07.06.2020 | 20:30 | 20:45 | 1.421 |
| 07.06.2020 | 20:45 | 21:00 | 1.385 |
| 07.06.2020 | 21:00 | 21:15 | 1.341 |
| 07.06.2020 | 21:15 | 21:30 | 1.326 |
| 07.06.2020 | 21:30 | 21:45 | 1.357 |
| 07.06.2020 | 21:45 | 22:00 | 1.389 |
| 07.06.2020 | 22:00 | 22:15 | 1.420 |
| 07.06.2020 | 22:15 | 22:30 | 1.414 |
| 07.06.2020 | 22:30 | 22:45 | 1.426 |
| 07.06.2020 | 22:45 | 23:00 | 1.394 |
| 07.06.2020 | 23:00 | 23:15 | 1.342 |
| 07.06.2020 | 23:15 | 23:30 | 1.279 |
| 07.06.2020 | 23:30 | 23:45 | 1.225 |
| 07.06.2020 | 23:45 | 00:00 | 1.194 |
| 08.06.2020 | 00:00 | 00:15 | 1.161 |
| 08.06.2020 | 00:15 | 00:30 | 1.127 |
| 08.06.2020 | 00:30 | 00:45 | 1.087 |
| 08.06.2020 | 00:45 | 01:00 | 1.056 |
| 08.06.2020 | 01:00 | 01:15 | 1.042 |
| 08.06.2020 | 01:15 | 01:30 | 1.018 |
| 08.06.2020 | 01:30 | 01:45 | 997 |
| 08.06.2020 | 01:45 | 02:00 | 984 |
| 08.06.2020 | 02:00 | 02:15 | 975 |
| 08.06.2020 | 02:15 | 02:30 | 969 |
| 08.06.2020 | 02:30 | 02:45 | 964 |
| 08.06.2020 | 02:45 | 03:00 | 959 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.06.2020 | 03:00 | 03:15 | 958 |
| 08.06.2020 | 03:15 | 03:30 | 959 |
| 08.06.2020 | 03:30 | 03:45 | 960 |
| 08.06.2020 | 03:45 | 04:00 | 967 |
| 08.06.2020 | 04:00 | 04:15 | 983 |
| 08.06.2020 | 04:15 | 04:30 | 1.013 |
| 08.06.2020 | 04:30 | 04:45 | 1.044 |
| 08.06.2020 | 04:45 | 05:00 | 1.023 |
| 08.06.2020 | 05:00 | 05:15 | 1.060 |
| 08.06.2020 | 05:15 | 05:30 | 1.074 |
| 08.06.2020 | 05:30 | 05:45 | 1.120 |
| 08.06.2020 | 05:45 | 06:00 | 1.183 |
| 08.06.2020 | 06:00 | 06:15 | 1.301 |
| 08.06.2020 | 06:15 | 06:30 | 1.405 |
| 08.06.2020 | 06:30 | 06:45 | 1.486 |
| 08.06.2020 | 06:45 | 07:00 | 1.552 |
| 08.06.2020 | 07:00 | 07:15 | 1.615 |
| 08.06.2020 | 07:15 | 07:30 | 1.699 |
| 08.06.2020 | 07:30 | 07:45 | 1.800 |
| 08.06.2020 | 07:45 | 08:00 | 1.835 |
| 08.06.2020 | 08:00 | 08:15 | 1.932 |
| 08.06.2020 | 08:15 | 08:30 | 1.948 |
| 08.06.2020 | 08:30 | 08:45 | 1.973 |
| 08.06.2020 | 08:45 | 09:00 | 2.028 |
| 08.06.2020 | 09:00 | 09:15 | 2.047 |
| 08.06.2020 | 09:15 | 09:30 | 2.048 |
| 08.06.2020 | 09:30 | 09:45 | 2.148 |
| 08.06.2020 | 09:45 | 10:00 | 2.175 |
| 08.06.2020 | 10:00 | 10:15 | 2.183 |
| 08.06.2020 | 10:15 | 10:30 | 2.245 |
| 08.06.2020 | 10:30 | 10:45 | 2.255 |
| 08.06.2020 | 10:45 | 11:00 | 2.248 |
| 08.06.2020 | 11:00 | 11:15 | 2.296 |
| 08.06.2020 | 11:15 | 11:30 | 2.380 |
| 08.06.2020 | 11:30 | 11:45 | 2.406 |
| 08.06.2020 | 11:45 | 12:00 | 2.417 |
| 08.06.2020 | 12:00 | 12:15 | 2.419 |
| 08.06.2020 | 12:15 | 12:30 | 2.401 |
| 08.06.2020 | 12:30 | 12:45 | 2.384 |
| 08.06.2020 | 12:45 | 13:00 | 2.357 |
| 08.06.2020 | 13:00 | 13:15 | 2.267 |
| 08.06.2020 | 13:15 | 13:30 | 2.233 |
| 08.06.2020 | 13:30 | 13:45 | 2.181 |
| 08.06.2020 | 13:45 | 14:00 | 2.140 |
| 08.06.2020 | 14:00 | 14:15 | 2.090 |
| 08.06.2020 | 14:15 | 14:30 | 2.163 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.06.2020 | 14:30 | 14:45 | 2.221 |
| 08.06.2020 | 14:45 | 15:00 | 2.234 |
| 08.06.2020 | 15:00 | 15:15 | 2.229 |
| 08.06.2020 | 15:15 | 15:30 | 2.221 |
| 08.06.2020 | 15:30 | 15:45 | 2.215 |
| 08.06.2020 | 15:45 | 16:00 | 2.212 |
| 08.06.2020 | 16:00 | 16:15 | 2.212 |
| 08.06.2020 | 16:15 | 16:30 | 2.168 |
| 08.06.2020 | 16:30 | 16:45 | 2.145 |
| 08.06.2020 | 16:45 | 17:00 | 2.101 |
| 08.06.2020 | 17:00 | 17:15 | 2.006 |
| 08.06.2020 | 17:15 | 17:30 | 1.985 |
| 08.06.2020 | 17:30 | 17:45 | 2.015 |
| 08.06.2020 | 17:45 | 18:00 | 2.036 |
| 08.06.2020 | 18:00 | 18:15 | 2.063 |
| 08.06.2020 | 18:15 | 18:30 | 2.097 |
| 08.06.2020 | 18:30 | 18:45 | 2.107 |
| 08.06.2020 | 18:45 | 19:00 | 2.113 |
| 08.06.2020 | 19:00 | 19:15 | 2.072 |
| 08.06.2020 | 19:15 | 19:30 | 2.076 |
| 08.06.2020 | 19:30 | 19:45 | 2.051 |
| 08.06.2020 | 19:45 | 20:00 | 2.048 |
| 08.06.2020 | 20:00 | 20:15 | 1.967 |
| 08.06.2020 | 20:15 | 20:30 | 1.924 |
| 08.06.2020 | 20:30 | 20:45 | 1.867 |
| 08.06.2020 | 20:45 | 21:00 | 1.841 |
| 08.06.2020 | 21:00 | 21:15 | 1.779 |
| 08.06.2020 | 21:15 | 21:30 | 1.740 |
| 08.06.2020 | 21:30 | 21:45 | 1.693 |
| 08.06.2020 | 21:45 | 22:00 | 1.655 |
| 08.06.2020 | 22:00 | 22:15 | 1.660 |
| 08.06.2020 | 22:15 | 22:30 | 1.654 |
| 08.06.2020 | 22:30 | 22:45 | 1.614 |
| 08.06.2020 | 22:45 | 23:00 | 1.517 |
| 08.06.2020 | 23:00 | 23:15 | 1.428 |
| 08.06.2020 | 23:15 | 23:30 | 1.362 |
| 08.06.2020 | 23:30 | 23:45 | 1.312 |
| 08.06.2020 | 23:45 | 00:00 | 1.266 |
| 09.06.2020 | 00:00 | 00:15 | 1.228 |
| 09.06.2020 | 00:15 | 00:30 | 1.185 |
| 09.06.2020 | 00:30 | 00:45 | 1.146 |
| 09.06.2020 | 00:45 | 01:00 | 1.119 |
| 09.06.2020 | 01:00 | 01:15 | 1.083 |
| 09.06.2020 | 01:15 | 01:30 | 1.059 |
| 09.06.2020 | 01:30 | 01:45 | 1.042 |
| 09.06.2020 | 01:45 | 02:00 | 1.037 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.06.2020 | 02:00 | 02:15 | 1.023 |
| 09.06.2020 | 02:15 | 02:30 | 1.022 |
| 09.06.2020 | 02:30 | 02:45 | 1.014 |
| 09.06.2020 | 02:45 | 03:00 | 1.009 |
| 09.06.2020 | 03:00 | 03:15 | 1.001 |
| 09.06.2020 | 03:15 | 03:30 | 985 |
| 09.06.2020 | 03:30 | 03:45 | 993 |
| 09.06.2020 | 03:45 | 04:00 | 996 |
| 09.06.2020 | 04:00 | 04:15 | 1.002 |
| 09.06.2020 | 04:15 | 04:30 | 1.031 |
| 09.06.2020 | 04:30 | 04:45 | 1.064 |
| 09.06.2020 | 04:45 | 05:00 | 1.055 |
| 09.06.2020 | 05:00 | 05:15 | 1.077 |
| 09.06.2020 | 05:15 | 05:30 | 1.100 |
| 09.06.2020 | 05:30 | 05:45 | 1.156 |
| 09.06.2020 | 05:45 | 06:00 | 1.217 |
| 09.06.2020 | 06:00 | 06:15 | 1.313 |
| 09.06.2020 | 06:15 | 06:30 | 1.382 |
| 09.06.2020 | 06:30 | 06:45 | 1.452 |
| 09.06.2020 | 06:45 | 07:00 | 1.540 |
| 09.06.2020 | 07:00 | 07:15 | 1.617 |
| 09.06.2020 | 07:15 | 07:30 | 1.665 |
| 09.06.2020 | 07:30 | 07:45 | 1.708 |
| 09.06.2020 | 07:45 | 08:00 | 1.772 |
| 09.06.2020 | 08:00 | 08:15 | 1.852 |
| 09.06.2020 | 08:15 | 08:30 | 1.907 |
| 09.06.2020 | 08:30 | 08:45 | 1.950 |
| 09.06.2020 | 08:45 | 09:00 | 1.976 |
| 09.06.2020 | 09:00 | 09:15 | 2.028 |
| 09.06.2020 | 09:15 | 09:30 | 2.056 |
| 09.06.2020 | 09:30 | 09:45 | 2.121 |
| 09.06.2020 | 09:45 | 10:00 | 2.198 |
| 09.06.2020 | 10:00 | 10:15 | 2.227 |
| 09.06.2020 | 10:15 | 10:30 | 2.246 |
| 09.06.2020 | 10:30 | 10:45 | 2.282 |
| 09.06.2020 | 10:45 | 11:00 | 2.312 |
| 09.06.2020 | 11:00 | 11:15 | 2.277 |
| 09.06.2020 | 11:15 | 11:30 | 2.271 |
| 09.06.2020 | 11:30 | 11:45 | 2.330 |
| 09.06.2020 | 11:45 | 12:00 | 2.361 |
| 09.06.2020 | 12:00 | 12:15 | 2.342 |
| 09.06.2020 | 12:15 | 12:30 | 2.336 |
| 09.06.2020 | 12:30 | 12:45 | 2.322 |
| 09.06.2020 | 12:45 | 13:00 | 2.282 |
| 09.06.2020 | 13:00 | 13:15 | 2.280 |
| 09.06.2020 | 13:15 | 13:30 | 2.230 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.06.2020 | 13:30 | 13:45 | 2.225 |
| 09.06.2020 | 13:45 | 14:00 | 2.175 |
| 09.06.2020 | 14:00 | 14:15 | 2.165 |
| 09.06.2020 | 14:15 | 14:30 | 2.151 |
| 09.06.2020 | 14:30 | 14:45 | 2.155 |
| 09.06.2020 | 14:45 | 15:00 | 2.130 |
| 09.06.2020 | 15:00 | 15:15 | 2.097 |
| 09.06.2020 | 15:15 | 15:30 | 2.067 |
| 09.06.2020 | 15:30 | 15:45 | 2.043 |
| 09.06.2020 | 15:45 | 16:00 | 2.068 |
| 09.06.2020 | 16:00 | 16:15 | 2.105 |
| 09.06.2020 | 16:15 | 16:30 | 2.134 |
| 09.06.2020 | 16:30 | 16:45 | 2.121 |
| 09.06.2020 | 16:45 | 17:00 | 2.094 |
| 09.06.2020 | 17:00 | 17:15 | 2.123 |
| 09.06.2020 | 17:15 | 17:30 | 2.113 |
| 09.06.2020 | 17:30 | 17:45 | 2.123 |
| 09.06.2020 | 17:45 | 18:00 | 2.123 |
| 09.06.2020 | 18:00 | 18:15 | 2.134 |
| 09.06.2020 | 18:15 | 18:30 | 2.192 |
| 09.06.2020 | 18:30 | 18:45 | 2.183 |
| 09.06.2020 | 18:45 | 19:00 | 2.221 |
| 09.06.2020 | 19:00 | 19:15 | 2.178 |
| 09.06.2020 | 19:15 | 19:30 | 2.107 |
| 09.06.2020 | 19:30 | 19:45 | 2.055 |
| 09.06.2020 | 19:45 | 20:00 | 2.023 |
| 09.06.2020 | 20:00 | 20:15 | 1.964 |
| 09.06.2020 | 20:15 | 20:30 | 1.895 |
| 09.06.2020 | 20:30 | 20:45 | 1.853 |
| 09.06.2020 | 20:45 | 21:00 | 1.811 |
| 09.06.2020 | 21:00 | 21:15 | 1.783 |
| 09.06.2020 | 21:15 | 21:30 | 1.729 |
| 09.06.2020 | 21:30 | 21:45 | 1.703 |
| 09.06.2020 | 21:45 | 22:00 | 1.696 |
| 09.06.2020 | 22:00 | 22:15 | 1.655 |
| 09.06.2020 | 22:15 | 22:30 | 1.661 |
| 09.06.2020 | 22:30 | 22:45 | 1.607 |
| 09.06.2020 | 22:45 | 23:00 | 1.545 |
| 09.06.2020 | 23:00 | 23:15 | 1.476 |
| 09.06.2020 | 23:15 | 23:30 | 1.412 |
| 09.06.2020 | 23:30 | 23:45 | 1.360 |
| 09.06.2020 | 23:45 | 00:00 | 1.314 |
| 10.06.2020 | 00:00 | 00:15 | 1.260 |
| 10.06.2020 | 00:15 | 00:30 | 1.202 |
| 10.06.2020 | 00:30 | 00:45 | 1.171 |
| 10.06.2020 | 00:45 | 01:00 | 1.143 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.06.2020 | 01:00 | 01:15 | 1.104 |
| 10.06.2020 | 01:15 | 01:30 | 1.080 |
| 10.06.2020 | 01:30 | 01:45 | 1.056 |
| 10.06.2020 | 01:45 | 02:00 | 1.047 |
| 10.06.2020 | 02:00 | 02:15 | 1.032 |
| 10.06.2020 | 02:15 | 02:30 | 1.013 |
| 10.06.2020 | 02:30 | 02:45 | 1.008 |
| 10.06.2020 | 02:45 | 03:00 | 985 |
| 10.06.2020 | 03:00 | 03:15 | 987 |
| 10.06.2020 | 03:15 | 03:30 | 985 |
| 10.06.2020 | 03:30 | 03:45 | 997 |
| 10.06.2020 | 03:45 | 04:00 | 1.005 |
| 10.06.2020 | 04:00 | 04:15 | 1.012 |
| 10.06.2020 | 04:15 | 04:30 | 1.043 |
| 10.06.2020 | 04:30 | 04:45 | 1.064 |
| 10.06.2020 | 04:45 | 05:00 | 1.066 |
| 10.06.2020 | 05:00 | 05:15 | 1.079 |
| 10.06.2020 | 05:15 | 05:30 | 1.110 |
| 10.06.2020 | 05:30 | 05:45 | 1.147 |
| 10.06.2020 | 05:45 | 06:00 | 1.204 |
| 10.06.2020 | 06:00 | 06:15 | 1.282 |
| 10.06.2020 | 06:15 | 06:30 | 1.379 |
| 10.06.2020 | 06:30 | 06:45 | 1.432 |
| 10.06.2020 | 06:45 | 07:00 | 1.503 |
| 10.06.2020 | 07:00 | 07:15 | 1.579 |
| 10.06.2020 | 07:15 | 07:30 | 1.651 |
| 10.06.2020 | 07:30 | 07:45 | 1.731 |
| 10.06.2020 | 07:45 | 08:00 | 1.777 |
| 10.06.2020 | 08:00 | 08:15 | 1.859 |
| 10.06.2020 | 08:15 | 08:30 | 1.884 |
| 10.06.2020 | 08:30 | 08:45 | 1.932 |
| 10.06.2020 | 08:45 | 09:00 | 1.977 |
| 10.06.2020 | 09:00 | 09:15 | 1.993 |
| 10.06.2020 | 09:15 | 09:30 | 2.031 |
| 10.06.2020 | 09:30 | 09:45 | 2.139 |
| 10.06.2020 | 09:45 | 10:00 | 2.167 |
| 10.06.2020 | 10:00 | 10:15 | 2.192 |
| 10.06.2020 | 10:15 | 10:30 | 2.197 |
| 10.06.2020 | 10:30 | 10:45 | 2.237 |
| 10.06.2020 | 10:45 | 11:00 | 2.255 |
| 10.06.2020 | 11:00 | 11:15 | 2.282 |
| 10.06.2020 | 11:15 | 11:30 | 2.314 |
| 10.06.2020 | 11:30 | 11:45 | 2.337 |
| 10.06.2020 | 11:45 | 12:00 | 2.329 |
| 10.06.2020 | 12:00 | 12:15 | 2.409 |
| 10.06.2020 | 12:15 | 12:30 | 2.362 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.06.2020 | 12:30 | 12:45 | 2.380 |
| 10.06.2020 | 12:45 | 13:00 | 2.399 |
| 10.06.2020 | 13:00 | 13:15 | 2.399 |
| 10.06.2020 | 13:15 | 13:30 | 2.314 |
| 10.06.2020 | 13:30 | 13:45 | 2.267 |
| 10.06.2020 | 13:45 | 14:00 | 2.270 |
| 10.06.2020 | 14:00 | 14:15 | 2.262 |
| 10.06.2020 | 14:15 | 14:30 | 2.254 |
| 10.06.2020 | 14:30 | 14:45 | 2.246 |
| 10.06.2020 | 14:45 | 15:00 | 2.227 |
| 10.06.2020 | 15:00 | 15:15 | 2.216 |
| 10.06.2020 | 15:15 | 15:30 | 2.190 |
| 10.06.2020 | 15:30 | 15:45 | 2.181 |
| 10.06.2020 | 15:45 | 16:00 | 2.170 |
| 10.06.2020 | 16:00 | 16:15 | 2.198 |
| 10.06.2020 | 16:15 | 16:30 | 2.192 |
| 10.06.2020 | 16:30 | 16:45 | 2.199 |
| 10.06.2020 | 16:45 | 17:00 | 2.154 |
| 10.06.2020 | 17:00 | 17:15 | 2.130 |
| 10.06.2020 | 17:15 | 17:30 | 2.116 |
| 10.06.2020 | 17:30 | 17:45 | 2.092 |
| 10.06.2020 | 17:45 | 18:00 | 2.124 |
| 10.06.2020 | 18:00 | 18:15 | 2.145 |
| 10.06.2020 | 18:15 | 18:30 | 2.137 |
| 10.06.2020 | 18:30 | 18:45 | 2.129 |
| 10.06.2020 | 18:45 | 19:00 | 2.151 |
| 10.06.2020 | 19:00 | 19:15 | 2.121 |
| 10.06.2020 | 19:15 | 19:30 | 2.102 |
| 10.06.2020 | 19:30 | 19:45 | 2.053 |
| 10.06.2020 | 19:45 | 20:00 | 2.041 |
| 10.06.2020 | 20:00 | 20:15 | 1.962 |
| 10.06.2020 | 20:15 | 20:30 | 1.932 |
| 10.06.2020 | 20:30 | 20:45 | 1.863 |
| 10.06.2020 | 20:45 | 21:00 | 1.848 |
| 10.06.2020 | 21:00 | 21:15 | 1.804 |
| 10.06.2020 | 21:15 | 21:30 | 1.766 |
| 10.06.2020 | 21:30 | 21:45 | 1.718 |
| 10.06.2020 | 21:45 | 22:00 | 1.672 |
| 10.06.2020 | 22:00 | 22:15 | 1.656 |
| 10.06.2020 | 22:15 | 22:30 | 1.635 |
| 10.06.2020 | 22:30 | 22:45 | 1.504 |
| 10.06.2020 | 22:45 | 23:00 | 1.441 |
| 10.06.2020 | 23:00 | 23:15 | 1.395 |
| 10.06.2020 | 23:15 | 23:30 | 1.337 |
| 10.06.2020 | 23:30 | 23:45 | 1.282 |
| 10.06.2020 | 23:45 | 00:00 | 1.256 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.06.2020 | 00:00 | 00:15 | 1.212 |
| 11.06.2020 | 00:15 | 00:30 | 1.181 |
| 11.06.2020 | 00:30 | 00:45 | 1.177 |
| 11.06.2020 | 00:45 | 01:00 | 1.149 |
| 11.06.2020 | 01:00 | 01:15 | 1.114 |
| 11.06.2020 | 01:15 | 01:30 | 1.085 |
| 11.06.2020 | 01:30 | 01:45 | 1.067 |
| 11.06.2020 | 01:45 | 02:00 | 1.058 |
| 11.06.2020 | 02:00 | 02:15 | 1.048 |
| 11.06.2020 | 02:15 | 02:30 | 1.035 |
| 11.06.2020 | 02:30 | 02:45 | 1.031 |
| 11.06.2020 | 02:45 | 03:00 | 1.021 |
| 11.06.2020 | 03:00 | 03:15 | 1.017 |
| 11.06.2020 | 03:15 | 03:30 | 1.004 |
| 11.06.2020 | 03:30 | 03:45 | 1.003 |
| 11.06.2020 | 03:45 | 04:00 | 994 |
| 11.06.2020 | 04:00 | 04:15 | 984 |
| 11.06.2020 | 04:15 | 04:30 | 978 |
| 11.06.2020 | 04:30 | 04:45 | 987 |
| 11.06.2020 | 04:45 | 05:00 | 971 |
| 11.06.2020 | 05:00 | 05:15 | 957 |
| 11.06.2020 | 05:15 | 05:30 | 943 |
| 11.06.2020 | 05:30 | 05:45 | 933 |
| 11.06.2020 | 05:45 | 06:00 | 931 |
| 11.06.2020 | 06:00 | 06:15 | 941 |
| 11.06.2020 | 06:15 | 06:30 | 947 |
| 11.06.2020 | 06:30 | 06:45 | 941 |
| 11.06.2020 | 06:45 | 07:00 | 956 |
| 11.06.2020 | 07:00 | 07:15 | 977 |
| 11.06.2020 | 07:15 | 07:30 | 1.007 |
| 11.06.2020 | 07:30 | 07:45 | 1.052 |
| 11.06.2020 | 07:45 | 08:00 | 1.093 |
| 11.06.2020 | 08:00 | 08:15 | 1.136 |
| 11.06.2020 | 08:15 | 08:30 | 1.185 |
| 11.06.2020 | 08:30 | 08:45 | 1.215 |
| 11.06.2020 | 08:45 | 09:00 | 1.276 |
| 11.06.2020 | 09:00 | 09:15 | 1.333 |
| 11.06.2020 | 09:15 | 09:30 | 1.393 |
| 11.06.2020 | 09:30 | 09:45 | 1.446 |
| 11.06.2020 | 09:45 | 10:00 | 1.489 |
| 11.06.2020 | 10:00 | 10:15 | 1.535 |
| 11.06.2020 | 10:15 | 10:30 | 1.571 |
| 11.06.2020 | 10:30 | 10:45 | 1.616 |
| 11.06.2020 | 10:45 | 11:00 | 1.662 |
| 11.06.2020 | 11:00 | 11:15 | 1.700 |
| 11.06.2020 | 11:15 | 11:30 | 1.722 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.06.2020 | 11:30 | 11:45 | 1.787 |
| 11.06.2020 | 11:45 | 12:00 | 1.834 |
| 11.06.2020 | 12:00 | 12:15 | 1.848 |
| 11.06.2020 | 12:15 | 12:30 | 1.869 |
| 11.06.2020 | 12:30 | 12:45 | 1.856 |
| 11.06.2020 | 12:45 | 13:00 | 1.849 |
| 11.06.2020 | 13:00 | 13:15 | 1.800 |
| 11.06.2020 | 13:15 | 13:30 | 1.770 |
| 11.06.2020 | 13:30 | 13:45 | 1.740 |
| 11.06.2020 | 13:45 | 14:00 | 1.697 |
| 11.06.2020 | 14:00 | 14:15 | 1.695 |
| 11.06.2020 | 14:15 | 14:30 | 1.646 |
| 11.06.2020 | 14:30 | 14:45 | 1.615 |
| 11.06.2020 | 14:45 | 15:00 | 1.674 |
| 11.06.2020 | 15:00 | 15:15 | 1.646 |
| 11.06.2020 | 15:15 | 15:30 | 1.620 |
| 11.06.2020 | 15:30 | 15:45 | 1.593 |
| 11.06.2020 | 15:45 | 16:00 | 1.590 |
| 11.06.2020 | 16:00 | 16:15 | 1.581 |
| 11.06.2020 | 16:15 | 16:30 | 1.588 |
| 11.06.2020 | 16:30 | 16:45 | 1.567 |
| 11.06.2020 | 16:45 | 17:00 | 1.567 |
| 11.06.2020 | 17:00 | 17:15 | 1.609 |
| 11.06.2020 | 17:15 | 17:30 | 1.631 |
| 11.06.2020 | 17:30 | 17:45 | 1.634 |
| 11.06.2020 | 17:45 | 18:00 | 1.654 |
| 11.06.2020 | 18:00 | 18:15 | 1.681 |
| 11.06.2020 | 18:15 | 18:30 | 1.690 |
| 11.06.2020 | 18:30 | 18:45 | 1.676 |
| 11.06.2020 | 18:45 | 19:00 | 1.681 |
| 11.06.2020 | 19:00 | 19:15 | 1.680 |
| 11.06.2020 | 19:15 | 19:30 | 1.672 |
| 11.06.2020 | 19:30 | 19:45 | 1.651 |
| 11.06.2020 | 19:45 | 20:00 | 1.646 |
| 11.06.2020 | 20:00 | 20:15 | 1.637 |
| 11.06.2020 | 20:15 | 20:30 | 1.653 |
| 11.06.2020 | 20:30 | 20:45 | 1.602 |
| 11.06.2020 | 20:45 | 21:00 | 1.552 |
| 11.06.2020 | 21:00 | 21:15 | 1.537 |
| 11.06.2020 | 21:15 | 21:30 | 1.530 |
| 11.06.2020 | 21:30 | 21:45 | 1.525 |
| 11.06.2020 | 21:45 | 22:00 | 1.530 |
| 11.06.2020 | 22:00 | 22:15 | 1.510 |
| 11.06.2020 | 22:15 | 22:30 | 1.515 |
| 11.06.2020 | 22:30 | 22:45 | 1.489 |
| 11.06.2020 | 22:45 | 23:00 | 1.429 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.06.2020 | 23:00 | 23:15 | 1.365 |
| 11.06.2020 | 23:15 | 23:30 | 1.318 |
| 11.06.2020 | 23:30 | 23:45 | 1.270 |
| 11.06.2020 | 23:45 | 00:00 | 1.228 |
| 12.06.2020 | 00:00 | 00:15 | 1.181 |
| 12.06.2020 | 00:15 | 00:30 | 1.146 |
| 12.06.2020 | 00:30 | 00:45 | 1.127 |
| 12.06.2020 | 00:45 | 01:00 | 1.116 |
| 12.06.2020 | 01:00 | 01:15 | 1.108 |
| 12.06.2020 | 01:15 | 01:30 | 1.084 |
| 12.06.2020 | 01:30 | 01:45 | 1.059 |
| 12.06.2020 | 01:45 | 02:00 | 1.051 |
| 12.06.2020 | 02:00 | 02:15 | 1.040 |
| 12.06.2020 | 02:15 | 02:30 | 1.011 |
| 12.06.2020 | 02:30 | 02:45 | 1.002 |
| 12.06.2020 | 02:45 | 03:00 | 990 |
| 12.06.2020 | 03:00 | 03:15 | 986 |
| 12.06.2020 | 03:15 | 03:30 | 979 |
| 12.06.2020 | 03:30 | 03:45 | 982 |
| 12.06.2020 | 03:45 | 04:00 | 976 |
| 12.06.2020 | 04:00 | 04:15 | 994 |
| 12.06.2020 | 04:15 | 04:30 | 1.010 |
| 12.06.2020 | 04:30 | 04:45 | 1.021 |
| 12.06.2020 | 04:45 | 05:00 | 996 |
| 12.06.2020 | 05:00 | 05:15 | 1.020 |
| 12.06.2020 | 05:15 | 05:30 | 1.037 |
| 12.06.2020 | 05:30 | 05:45 | 1.073 |
| 12.06.2020 | 05:45 | 06:00 | 1.110 |
| 12.06.2020 | 06:00 | 06:15 | 1.188 |
| 12.06.2020 | 06:15 | 06:30 | 1.266 |
| 12.06.2020 | 06:30 | 06:45 | 1.331 |
| 12.06.2020 | 06:45 | 07:00 | 1.392 |
| 12.06.2020 | 07:00 | 07:15 | 1.447 |
| 12.06.2020 | 07:15 | 07:30 | 1.517 |
| 12.06.2020 | 07:30 | 07:45 | 1.588 |
| 12.06.2020 | 07:45 | 08:00 | 1.633 |
| 12.06.2020 | 08:00 | 08:15 | 1.663 |
| 12.06.2020 | 08:15 | 08:30 | 1.695 |
| 12.06.2020 | 08:30 | 08:45 | 1.732 |
| 12.06.2020 | 08:45 | 09:00 | 1.807 |
| 12.06.2020 | 09:00 | 09:15 | 1.861 |
| 12.06.2020 | 09:15 | 09:30 | 1.929 |
| 12.06.2020 | 09:30 | 09:45 | 1.987 |
| 12.06.2020 | 09:45 | 10:00 | 2.004 |
| 12.06.2020 | 10:00 | 10:15 | 2.014 |
| 12.06.2020 | 10:15 | 10:30 | 2.023 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.06.2020 | 10:30 | 10:45 | 2.037 |
| 12.06.2020 | 10:45 | 11:00 | 2.091 |
| 12.06.2020 | 11:00 | 11:15 | 2.124 |
| 12.06.2020 | 11:15 | 11:30 | 2.114 |
| 12.06.2020 | 11:30 | 11:45 | 2.159 |
| 12.06.2020 | 11:45 | 12:00 | 2.168 |
| 12.06.2020 | 12:00 | 12:15 | 2.153 |
| 12.06.2020 | 12:15 | 12:30 | 2.182 |
| 12.06.2020 | 12:30 | 12:45 | 2.162 |
| 12.06.2020 | 12:45 | 13:00 | 2.152 |
| 12.06.2020 | 13:00 | 13:15 | 2.106 |
| 12.06.2020 | 13:15 | 13:30 | 2.106 |
| 12.06.2020 | 13:30 | 13:45 | 2.096 |
| 12.06.2020 | 13:45 | 14:00 | 2.081 |
| 12.06.2020 | 14:00 | 14:15 | 2.033 |
| 12.06.2020 | 14:15 | 14:30 | 2.041 |
| 12.06.2020 | 14:30 | 14:45 | 2.012 |
| 12.06.2020 | 14:45 | 15:00 | 2.025 |
| 12.06.2020 | 15:00 | 15:15 | 2.034 |
| 12.06.2020 | 15:15 | 15:30 | 1.972 |
| 12.06.2020 | 15:30 | 15:45 | 1.973 |
| 12.06.2020 | 15:45 | 16:00 | 1.938 |
| 12.06.2020 | 16:00 | 16:15 | 2.010 |
| 12.06.2020 | 16:15 | 16:30 | 2.013 |
| 12.06.2020 | 16:30 | 16:45 | 2.035 |
| 12.06.2020 | 16:45 | 17:00 | 2.064 |
| 12.06.2020 | 17:00 | 17:15 | 2.076 |
| 12.06.2020 | 17:15 | 17:30 | 2.079 |
| 12.06.2020 | 17:30 | 17:45 | 2.082 |
| 12.06.2020 | 17:45 | 18:00 | 2.078 |
| 12.06.2020 | 18:00 | 18:15 | 2.062 |
| 12.06.2020 | 18:15 | 18:30 | 2.065 |
| 12.06.2020 | 18:30 | 18:45 | 2.082 |
| 12.06.2020 | 18:45 | 19:00 | 2.068 |
| 12.06.2020 | 19:00 | 19:15 | 2.022 |
| 12.06.2020 | 19:15 | 19:30 | 1.993 |
| 12.06.2020 | 19:30 | 19:45 | 1.967 |
| 12.06.2020 | 19:45 | 20:00 | 1.977 |
| 12.06.2020 | 20:00 | 20:15 | 1.915 |
| 12.06.2020 | 20:15 | 20:30 | 1.859 |
| 12.06.2020 | 20:30 | 20:45 | 1.817 |
| 12.06.2020 | 20:45 | 21:00 | 1.710 |
| 12.06.2020 | 21:00 | 21:15 | 1.674 |
| 12.06.2020 | 21:15 | 21:30 | 1.633 |
| 12.06.2020 | 21:30 | 21:45 | 1.609 |
| 12.06.2020 | 21:45 | 22:00 | 1.586 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.06.2020 | 22:00 | 22:15 | 1.577 |
| 12.06.2020 | 22:15 | 22:30 | 1.620 |
| 12.06.2020 | 22:30 | 22:45 | 1.583 |
| 12.06.2020 | 22:45 | 23:00 | 1.544 |
| 12.06.2020 | 23:00 | 23:15 | 1.474 |
| 12.06.2020 | 23:15 | 23:30 | 1.424 |
| 12.06.2020 | 23:30 | 23:45 | 1.380 |
| 12.06.2020 | 23:45 | 00:00 | 1.321 |
| 13.06.2020 | 00:00 | 00:15 | 1.266 |
| 13.06.2020 | 00:15 | 00:30 | 1.186 |
| 13.06.2020 | 00:30 | 00:45 | 1.159 |
| 13.06.2020 | 00:45 | 01:00 | 1.122 |
| 13.06.2020 | 01:00 | 01:15 | 1.089 |
| 13.06.2020 | 01:15 | 01:30 | 1.064 |
| 13.06.2020 | 01:30 | 01:45 | 1.043 |
| 13.06.2020 | 01:45 | 02:00 | 1.035 |
| 13.06.2020 | 02:00 | 02:15 | 997 |
| 13.06.2020 | 02:15 | 02:30 | 981 |
| 13.06.2020 | 02:30 | 02:45 | 973 |
| 13.06.2020 | 02:45 | 03:00 | 966 |
| 13.06.2020 | 03:00 | 03:15 | 957 |
| 13.06.2020 | 03:15 | 03:30 | 956 |
| 13.06.2020 | 03:30 | 03:45 | 938 |
| 13.06.2020 | 03:45 | 04:00 | 943 |
| 13.06.2020 | 04:00 | 04:15 | 964 |
| 13.06.2020 | 04:15 | 04:30 | 959 |
| 13.06.2020 | 04:30 | 04:45 | 958 |
| 13.06.2020 | 04:45 | 05:00 | 927 |
| 13.06.2020 | 05:00 | 05:15 | 943 |
| 13.06.2020 | 05:15 | 05:30 | 942 |
| 13.06.2020 | 05:30 | 05:45 | 953 |
| 13.06.2020 | 05:45 | 06:00 | 981 |
| 13.06.2020 | 06:00 | 06:15 | 1.009 |
| 13.06.2020 | 06:15 | 06:30 | 1.031 |
| 13.06.2020 | 06:30 | 06:45 | 1.053 |
| 13.06.2020 | 06:45 | 07:00 | 1.101 |
| 13.06.2020 | 07:00 | 07:15 | 1.134 |
| 13.06.2020 | 07:15 | 07:30 | 1.173 |
| 13.06.2020 | 07:30 | 07:45 | 1.226 |
| 13.06.2020 | 07:45 | 08:00 | 1.270 |
| 13.06.2020 | 08:00 | 08:15 | 1.331 |
| 13.06.2020 | 08:15 | 08:30 | 1.383 |
| 13.06.2020 | 08:30 | 08:45 | 1.410 |
| 13.06.2020 | 08:45 | 09:00 | 1.449 |
| 13.06.2020 | 09:00 | 09:15 | 1.490 |
| 13.06.2020 | 09:15 | 09:30 | 1.577 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.06.2020 | 09:30 | 09:45 | 1.656 |
| 13.06.2020 | 09:45 | 10:00 | 1.698 |
| 13.06.2020 | 10:00 | 10:15 | 1.707 |
| 13.06.2020 | 10:15 | 10:30 | 1.717 |
| 13.06.2020 | 10:30 | 10:45 | 1.734 |
| 13.06.2020 | 10:45 | 11:00 | 1.798 |
| 13.06.2020 | 11:00 | 11:15 | 1.839 |
| 13.06.2020 | 11:15 | 11:30 | 1.854 |
| 13.06.2020 | 11:30 | 11:45 | 1.872 |
| 13.06.2020 | 11:45 | 12:00 | 1.855 |
| 13.06.2020 | 12:00 | 12:15 | 1.839 |
| 13.06.2020 | 12:15 | 12:30 | 1.854 |
| 13.06.2020 | 12:30 | 12:45 | 1.867 |
| 13.06.2020 | 12:45 | 13:00 | 1.862 |
| 13.06.2020 | 13:00 | 13:15 | 1.829 |
| 13.06.2020 | 13:15 | 13:30 | 1.823 |
| 13.06.2020 | 13:30 | 13:45 | 1.804 |
| 13.06.2020 | 13:45 | 14:00 | 1.804 |
| 13.06.2020 | 14:00 | 14:15 | 1.775 |
| 13.06.2020 | 14:15 | 14:30 | 1.761 |
| 13.06.2020 | 14:30 | 14:45 | 1.724 |
| 13.06.2020 | 14:45 | 15:00 | 1.702 |
| 13.06.2020 | 15:00 | 15:15 | 1.684 |
| 13.06.2020 | 15:15 | 15:30 | 1.676 |
| 13.06.2020 | 15:30 | 15:45 | 1.702 |
| 13.06.2020 | 15:45 | 16:00 | 1.701 |
| 13.06.2020 | 16:00 | 16:15 | 1.662 |
| 13.06.2020 | 16:15 | 16:30 | 1.717 |
| 13.06.2020 | 16:30 | 16:45 | 1.696 |
| 13.06.2020 | 16:45 | 17:00 | 1.689 |
| 13.06.2020 | 17:00 | 17:15 | 1.700 |
| 13.06.2020 | 17:15 | 17:30 | 1.680 |
| 13.06.2020 | 17:30 | 17:45 | 1.719 |
| 13.06.2020 | 17:45 | 18:00 | 1.701 |
| 13.06.2020 | 18:00 | 18:15 | 1.721 |
| 13.06.2020 | 18:15 | 18:30 | 1.688 |
| 13.06.2020 | 18:30 | 18:45 | 1.632 |
| 13.06.2020 | 18:45 | 19:00 | 1.632 |
| 13.06.2020 | 19:00 | 19:15 | 1.614 |
| 13.06.2020 | 19:15 | 19:30 | 1.594 |
| 13.06.2020 | 19:30 | 19:45 | 1.577 |
| 13.06.2020 | 19:45 | 20:00 | 1.546 |
| 13.06.2020 | 20:00 | 20:15 | 1.565 |
| 13.06.2020 | 20:15 | 20:30 | 1.546 |
| 13.06.2020 | 20:30 | 20:45 | 1.574 |
| 13.06.2020 | 20:45 | 21:00 | 1.545 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.06.2020 | 21:00 | 21:15 | 1.517 |
| 13.06.2020 | 21:15 | 21:30 | 1.484 |
| 13.06.2020 | 21:30 | 21:45 | 1.464 |
| 13.06.2020 | 21:45 | 22:00 | 1.475 |
| 13.06.2020 | 22:00 | 22:15 | 1.475 |
| 13.06.2020 | 22:15 | 22:30 | 1.510 |
| 13.06.2020 | 22:30 | 22:45 | 1.478 |
| 13.06.2020 | 22:45 | 23:00 | 1.436 |
| 13.06.2020 | 23:00 | 23:15 | 1.391 |
| 13.06.2020 | 23:15 | 23:30 | 1.344 |
| 13.06.2020 | 23:30 | 23:45 | 1.281 |
| 13.06.2020 | 23:45 | 00:00 | 1.238 |
| 14.06.2020 | 00:00 | 00:15 | 1.193 |
| 14.06.2020 | 00:15 | 00:30 | 1.157 |
| 14.06.2020 | 00:30 | 00:45 | 1.122 |
| 14.06.2020 | 00:45 | 01:00 | 1.098 |
| 14.06.2020 | 01:00 | 01:15 | 1.071 |
| 14.06.2020 | 01:15 | 01:30 | 1.054 |
| 14.06.2020 | 01:30 | 01:45 | 1.027 |
| 14.06.2020 | 01:45 | 02:00 | 1.008 |
| 14.06.2020 | 02:00 | 02:15 | 992 |
| 14.06.2020 | 02:15 | 02:30 | 978 |
| 14.06.2020 | 02:30 | 02:45 | 968 |
| 14.06.2020 | 02:45 | 03:00 | 954 |
| 14.06.2020 | 03:00 | 03:15 | 947 |
| 14.06.2020 | 03:15 | 03:30 | 934 |
| 14.06.2020 | 03:30 | 03:45 | 931 |
| 14.06.2020 | 03:45 | 04:00 | 926 |
| 14.06.2020 | 04:00 | 04:15 | 926 |
| 14.06.2020 | 04:15 | 04:30 | 924 |
| 14.06.2020 | 04:30 | 04:45 | 920 |
| 14.06.2020 | 04:45 | 05:00 | 896 |
| 14.06.2020 | 05:00 | 05:15 | 897 |
| 14.06.2020 | 05:15 | 05:30 | 890 |
| 14.06.2020 | 05:30 | 05:45 | 894 |
| 14.06.2020 | 05:45 | 06:00 | 908 |
| 14.06.2020 | 06:00 | 06:15 | 921 |
| 14.06.2020 | 06:15 | 06:30 | 926 |
| 14.06.2020 | 06:30 | 06:45 | 934 |
| 14.06.2020 | 06:45 | 07:00 | 950 |
| 14.06.2020 | 07:00 | 07:15 | 973 |
| 14.06.2020 | 07:15 | 07:30 | 977 |
| 14.06.2020 | 07:30 | 07:45 | 1.014 |
| 14.06.2020 | 07:45 | 08:00 | 1.046 |
| 14.06.2020 | 08:00 | 08:15 | 1.081 |
| 14.06.2020 | 08:15 | 08:30 | 1.128 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.06.2020 | 08:30 | 08:45 | 1.174 |
| 14.06.2020 | 08:45 | 09:00 | 1.237 |
| 14.06.2020 | 09:00 | 09:15 | 1.271 |
| 14.06.2020 | 09:15 | 09:30 | 1.317 |
| 14.06.2020 | 09:30 | 09:45 | 1.381 |
| 14.06.2020 | 09:45 | 10:00 | 1.420 |
| 14.06.2020 | 10:00 | 10:15 | 1.486 |
| 14.06.2020 | 10:15 | 10:30 | 1.530 |
| 14.06.2020 | 10:30 | 10:45 | 1.600 |
| 14.06.2020 | 10:45 | 11:00 | 1.593 |
| 14.06.2020 | 11:00 | 11:15 | 1.637 |
| 14.06.2020 | 11:15 | 11:30 | 1.676 |
| 14.06.2020 | 11:30 | 11:45 | 1.720 |
| 14.06.2020 | 11:45 | 12:00 | 1.738 |
| 14.06.2020 | 12:00 | 12:15 | 1.781 |
| 14.06.2020 | 12:15 | 12:30 | 1.810 |
| 14.06.2020 | 12:30 | 12:45 | 1.813 |
| 14.06.2020 | 12:45 | 13:00 | 1.798 |
| 14.06.2020 | 13:00 | 13:15 | 1.786 |
| 14.06.2020 | 13:15 | 13:30 | 1.758 |
| 14.06.2020 | 13:30 | 13:45 | 1.750 |
| 14.06.2020 | 13:45 | 14:00 | 1.708 |
| 14.06.2020 | 14:00 | 14:15 | 1.698 |
| 14.06.2020 | 14:15 | 14:30 | 1.695 |
| 14.06.2020 | 14:30 | 14:45 | 1.751 |
| 14.06.2020 | 14:45 | 15:00 | 1.752 |
| 14.06.2020 | 15:00 | 15:15 | 1.756 |
| 14.06.2020 | 15:15 | 15:30 | 1.747 |
| 14.06.2020 | 15:30 | 15:45 | 1.749 |
| 14.06.2020 | 15:45 | 16:00 | 1.728 |
| 14.06.2020 | 16:00 | 16:15 | 1.766 |
| 14.06.2020 | 16:15 | 16:30 | 1.765 |
| 14.06.2020 | 16:30 | 16:45 | 1.773 |
| 14.06.2020 | 16:45 | 17:00 | 1.752 |
| 14.06.2020 | 17:00 | 17:15 | 1.754 |
| 14.06.2020 | 17:15 | 17:30 | 1.737 |
| 14.06.2020 | 17:30 | 17:45 | 1.761 |
| 14.06.2020 | 17:45 | 18:00 | 1.733 |
| 14.06.2020 | 18:00 | 18:15 | 1.733 |
| 14.06.2020 | 18:15 | 18:30 | 1.723 |
| 14.06.2020 | 18:30 | 18:45 | 1.730 |
| 14.06.2020 | 18:45 | 19:00 | 1.742 |
| 14.06.2020 | 19:00 | 19:15 | 1.717 |
| 14.06.2020 | 19:15 | 19:30 | 1.685 |
| 14.06.2020 | 19:30 | 19:45 | 1.663 |
| 14.06.2020 | 19:45 | 20:00 | 1.715 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.06.2020 | 20:00 | 20:15 | 1.726 |
| 14.06.2020 | 20:15 | 20:30 | 1.688 |
| 14.06.2020 | 20:30 | 20:45 | 1.621 |
| 14.06.2020 | 20:45 | 21:00 | 1.548 |
| 14.06.2020 | 21:00 | 21:15 | 1.497 |
| 14.06.2020 | 21:15 | 21:30 | 1.464 |
| 14.06.2020 | 21:30 | 21:45 | 1.407 |
| 14.06.2020 | 21:45 | 22:00 | 1.391 |
| 14.06.2020 | 22:00 | 22:15 | 1.353 |
| 14.06.2020 | 22:15 | 22:30 | 1.346 |
| 14.06.2020 | 22:30 | 22:45 | 1.304 |
| 14.06.2020 | 22:45 | 23:00 | 1.269 |
| 14.06.2020 | 23:00 | 23:15 | 1.225 |
| 14.06.2020 | 23:15 | 23:30 | 1.181 |
| 14.06.2020 | 23:30 | 23:45 | 1.136 |
| 14.06.2020 | 23:45 | 00:00 | 1.092 |
| 15.06.2020 | 00:00 | 00:15 | 1.059 |
| 15.06.2020 | 00:15 | 00:30 | 1.033 |
| 15.06.2020 | 00:30 | 00:45 | 1.005 |
| 15.06.2020 | 00:45 | 01:00 | 982 |
| 15.06.2020 | 01:00 | 01:15 | 962 |
| 15.06.2020 | 01:15 | 01:30 | 948 |
| 15.06.2020 | 01:30 | 01:45 | 941 |
| 15.06.2020 | 01:45 | 02:00 | 927 |
| 15.06.2020 | 02:00 | 02:15 | 922 |
| 15.06.2020 | 02:15 | 02:30 | 917 |
| 15.06.2020 | 02:30 | 02:45 | 910 |
| 15.06.2020 | 02:45 | 03:00 | 909 |
| 15.06.2020 | 03:00 | 03:15 | 914 |
| 15.06.2020 | 03:15 | 03:30 | 905 |
| 15.06.2020 | 03:30 | 03:45 | 909 |
| 15.06.2020 | 03:45 | 04:00 | 921 |
| 15.06.2020 | 04:00 | 04:15 | 942 |
| 15.06.2020 | 04:15 | 04:30 | 949 |
| 15.06.2020 | 04:30 | 04:45 | 971 |
| 15.06.2020 | 04:45 | 05:00 | 966 |
| 15.06.2020 | 05:00 | 05:15 | 984 |
| 15.06.2020 | 05:15 | 05:30 | 1.011 |
| 15.06.2020 | 05:30 | 05:45 | 1.066 |
| 15.06.2020 | 05:45 | 06:00 | 1.138 |
| 15.06.2020 | 06:00 | 06:15 | 1.270 |
| 15.06.2020 | 06:15 | 06:30 | 1.373 |
| 15.06.2020 | 06:30 | 06:45 | 1.451 |
| 15.06.2020 | 06:45 | 07:00 | 1.521 |
| 15.06.2020 | 07:00 | 07:15 | 1.590 |
| 15.06.2020 | 07:15 | 07:30 | 1.629 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.06.2020 | 07:30 | 07:45 | 1.666 |
| 15.06.2020 | 07:45 | 08:00 | 1.738 |
| 15.06.2020 | 08:00 | 08:15 | 1.802 |
| 15.06.2020 | 08:15 | 08:30 | 1.828 |
| 15.06.2020 | 08:30 | 08:45 | 1.881 |
| 15.06.2020 | 08:45 | 09:00 | 1.902 |
| 15.06.2020 | 09:00 | 09:15 | 1.940 |
| 15.06.2020 | 09:15 | 09:30 | 1.991 |
| 15.06.2020 | 09:30 | 09:45 | 2.068 |
| 15.06.2020 | 09:45 | 10:00 | 2.092 |
| 15.06.2020 | 10:00 | 10:15 | 2.137 |
| 15.06.2020 | 10:15 | 10:30 | 2.188 |
| 15.06.2020 | 10:30 | 10:45 | 2.216 |
| 15.06.2020 | 10:45 | 11:00 | 2.241 |
| 15.06.2020 | 11:00 | 11:15 | 2.277 |
| 15.06.2020 | 11:15 | 11:30 | 2.297 |
| 15.06.2020 | 11:30 | 11:45 | 2.281 |
| 15.06.2020 | 11:45 | 12:00 | 2.309 |
| 15.06.2020 | 12:00 | 12:15 | 2.326 |
| 15.06.2020 | 12:15 | 12:30 | 2.353 |
| 15.06.2020 | 12:30 | 12:45 | 2.337 |
| 15.06.2020 | 12:45 | 13:00 | 2.323 |
| 15.06.2020 | 13:00 | 13:15 | 2.295 |
| 15.06.2020 | 13:15 | 13:30 | 2.257 |
| 15.06.2020 | 13:30 | 13:45 | 2.232 |
| 15.06.2020 | 13:45 | 14:00 | 2.179 |
| 15.06.2020 | 14:00 | 14:15 | 2.158 |
| 15.06.2020 | 14:15 | 14:30 | 2.168 |
| 15.06.2020 | 14:30 | 14:45 | 2.147 |
| 15.06.2020 | 14:45 | 15:00 | 2.131 |
| 15.06.2020 | 15:00 | 15:15 | 2.118 |
| 15.06.2020 | 15:15 | 15:30 | 2.134 |
| 15.06.2020 | 15:30 | 15:45 | 2.117 |
| 15.06.2020 | 15:45 | 16:00 | 2.086 |
| 15.06.2020 | 16:00 | 16:15 | 2.088 |
| 15.06.2020 | 16:15 | 16:30 | 2.100 |
| 15.06.2020 | 16:30 | 16:45 | 2.063 |
| 15.06.2020 | 16:45 | 17:00 | 2.041 |
| 15.06.2020 | 17:00 | 17:15 | 2.062 |
| 15.06.2020 | 17:15 | 17:30 | 2.039 |
| 15.06.2020 | 17:30 | 17:45 | 2.046 |
| 15.06.2020 | 17:45 | 18:00 | 2.059 |
| 15.06.2020 | 18:00 | 18:15 | 2.050 |
| 15.06.2020 | 18:15 | 18:30 | 2.099 |
| 15.06.2020 | 18:30 | 18:45 | 2.091 |
| 15.06.2020 | 18:45 | 19:00 | 2.126 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.06.2020 | 19:00 | 19:15 | 2.089 |
| 15.06.2020 | 19:15 | 19:30 | 2.073 |
| 15.06.2020 | 19:30 | 19:45 | 2.028 |
| 15.06.2020 | 19:45 | 20:00 | 1.964 |
| 15.06.2020 | 20:00 | 20:15 | 1.903 |
| 15.06.2020 | 20:15 | 20:30 | 1.817 |
| 15.06.2020 | 20:30 | 20:45 | 1.782 |
| 15.06.2020 | 20:45 | 21:00 | 1.737 |
| 15.06.2020 | 21:00 | 21:15 | 1.689 |
| 15.06.2020 | 21:15 | 21:30 | 1.649 |
| 15.06.2020 | 21:30 | 21:45 | 1.626 |
| 15.06.2020 | 21:45 | 22:00 | 1.605 |
| 15.06.2020 | 22:00 | 22:15 | 1.588 |
| 15.06.2020 | 22:15 | 22:30 | 1.595 |
| 15.06.2020 | 22:30 | 22:45 | 1.563 |
| 15.06.2020 | 22:45 | 23:00 | 1.485 |
| 15.06.2020 | 23:00 | 23:15 | 1.409 |
| 15.06.2020 | 23:15 | 23:30 | 1.363 |
| 15.06.2020 | 23:30 | 23:45 | 1.318 |
| 15.06.2020 | 23:45 | 00:00 | 1.264 |
| 16.06.2020 | 00:00 | 00:15 | 1.214 |
| 16.06.2020 | 00:15 | 00:30 | 1.176 |
| 16.06.2020 | 00:30 | 00:45 | 1.147 |
| 16.06.2020 | 00:45 | 01:00 | 1.112 |
| 16.06.2020 | 01:00 | 01:15 | 1.087 |
| 16.06.2020 | 01:15 | 01:30 | 1.077 |
| 16.06.2020 | 01:30 | 01:45 | 1.060 |
| 16.06.2020 | 01:45 | 02:00 | 1.055 |
| 16.06.2020 | 02:00 | 02:15 | 1.038 |
| 16.06.2020 | 02:15 | 02:30 | 1.014 |
| 16.06.2020 | 02:30 | 02:45 | 1.006 |
| 16.06.2020 | 02:45 | 03:00 | 1.002 |
| 16.06.2020 | 03:00 | 03:15 | 999 |
| 16.06.2020 | 03:15 | 03:30 | 992 |
| 16.06.2020 | 03:30 | 03:45 | 998 |
| 16.06.2020 | 03:45 | 04:00 | 991 |
| 16.06.2020 | 04:00 | 04:15 | 998 |
| 16.06.2020 | 04:15 | 04:30 | 1.033 |
| 16.06.2020 | 04:30 | 04:45 | 1.060 |
| 16.06.2020 | 04:45 | 05:00 | 1.039 |
| 16.06.2020 | 05:00 | 05:15 | 1.063 |
| 16.06.2020 | 05:15 | 05:30 | 1.091 |
| 16.06.2020 | 05:30 | 05:45 | 1.143 |
| 16.06.2020 | 05:45 | 06:00 | 1.216 |
| 16.06.2020 | 06:00 | 06:15 | 1.310 |
| 16.06.2020 | 06:15 | 06:30 | 1.386 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.06.2020 | 06:30 | 06:45 | 1.443 |
| 16.06.2020 | 06:45 | 07:00 | 1.527 |
| 16.06.2020 | 07:00 | 07:15 | 1.619 |
| 16.06.2020 | 07:15 | 07:30 | 1.701 |
| 16.06.2020 | 07:30 | 07:45 | 1.758 |
| 16.06.2020 | 07:45 | 08:00 | 1.795 |
| 16.06.2020 | 08:00 | 08:15 | 1.868 |
| 16.06.2020 | 08:15 | 08:30 | 1.900 |
| 16.06.2020 | 08:30 | 08:45 | 1.975 |
| 16.06.2020 | 08:45 | 09:00 | 2.003 |
| 16.06.2020 | 09:00 | 09:15 | 2.042 |
| 16.06.2020 | 09:15 | 09:30 | 2.075 |
| 16.06.2020 | 09:30 | 09:45 | 2.178 |
| 16.06.2020 | 09:45 | 10:00 | 2.226 |
| 16.06.2020 | 10:00 | 10:15 | 2.237 |
| 16.06.2020 | 10:15 | 10:30 | 2.284 |
| 16.06.2020 | 10:30 | 10:45 | 2.297 |
| 16.06.2020 | 10:45 | 11:00 | 2.322 |
| 16.06.2020 | 11:00 | 11:15 | 2.383 |
| 16.06.2020 | 11:15 | 11:30 | 2.387 |
| 16.06.2020 | 11:30 | 11:45 | 2.453 |
| 16.06.2020 | 11:45 | 12:00 | 2.467 |
| 16.06.2020 | 12:00 | 12:15 | 2.451 |
| 16.06.2020 | 12:15 | 12:30 | 2.453 |
| 16.06.2020 | 12:30 | 12:45 | 2.471 |
| 16.06.2020 | 12:45 | 13:00 | 2.433 |
| 16.06.2020 | 13:00 | 13:15 | 2.408 |
| 16.06.2020 | 13:15 | 13:30 | 2.367 |
| 16.06.2020 | 13:30 | 13:45 | 2.335 |
| 16.06.2020 | 13:45 | 14:00 | 2.277 |
| 16.06.2020 | 14:00 | 14:15 | 2.244 |
| 16.06.2020 | 14:15 | 14:30 | 2.265 |
| 16.06.2020 | 14:30 | 14:45 | 2.240 |
| 16.06.2020 | 14:45 | 15:00 | 2.223 |
| 16.06.2020 | 15:00 | 15:15 | 2.198 |
| 16.06.2020 | 15:15 | 15:30 | 2.218 |
| 16.06.2020 | 15:30 | 15:45 | 2.175 |
| 16.06.2020 | 15:45 | 16:00 | 2.143 |
| 16.06.2020 | 16:00 | 16:15 | 2.158 |
| 16.06.2020 | 16:15 | 16:30 | 2.189 |
| 16.06.2020 | 16:30 | 16:45 | 2.165 |
| 16.06.2020 | 16:45 | 17:00 | 2.171 |
| 16.06.2020 | 17:00 | 17:15 | 2.136 |
| 16.06.2020 | 17:15 | 17:30 | 2.115 |
| 16.06.2020 | 17:30 | 17:45 | 2.125 |
| 16.06.2020 | 17:45 | 18:00 | 2.137 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.06.2020 | 18:00 | 18:15 | 2.159 |
| 16.06.2020 | 18:15 | 18:30 | 2.178 |
| 16.06.2020 | 18:30 | 18:45 | 2.186 |
| 16.06.2020 | 18:45 | 19:00 | 2.155 |
| 16.06.2020 | 19:00 | 19:15 | 2.100 |
| 16.06.2020 | 19:15 | 19:30 | 2.086 |
| 16.06.2020 | 19:30 | 19:45 | 2.040 |
| 16.06.2020 | 19:45 | 20:00 | 2.023 |
| 16.06.2020 | 20:00 | 20:15 | 1.950 |
| 16.06.2020 | 20:15 | 20:30 | 1.884 |
| 16.06.2020 | 20:30 | 20:45 | 1.820 |
| 16.06.2020 | 20:45 | 21:00 | 1.782 |
| 16.06.2020 | 21:00 | 21:15 | 1.716 |
| 16.06.2020 | 21:15 | 21:30 | 1.677 |
| 16.06.2020 | 21:30 | 21:45 | 1.625 |
| 16.06.2020 | 21:45 | 22:00 | 1.591 |
| 16.06.2020 | 22:00 | 22:15 | 1.542 |
| 16.06.2020 | 22:15 | 22:30 | 1.563 |
| 16.06.2020 | 22:30 | 22:45 | 1.523 |
| 16.06.2020 | 22:45 | 23:00 | 1.480 |
| 16.06.2020 | 23:00 | 23:15 | 1.414 |
| 16.06.2020 | 23:15 | 23:30 | 1.344 |
| 16.06.2020 | 23:30 | 23:45 | 1.304 |
| 16.06.2020 | 23:45 | 00:00 | 1.258 |
| 17.06.2020 | 00:00 | 00:15 | 1.212 |
| 17.06.2020 | 00:15 | 00:30 | 1.181 |
| 17.06.2020 | 00:30 | 00:45 | 1.154 |
| 17.06.2020 | 00:45 | 01:00 | 1.129 |
| 17.06.2020 | 01:00 | 01:15 | 1.091 |
| 17.06.2020 | 01:15 | 01:30 | 1.059 |
| 17.06.2020 | 01:30 | 01:45 | 1.027 |
| 17.06.2020 | 01:45 | 02:00 | 1.014 |
| 17.06.2020 | 02:00 | 02:15 | 1.010 |
| 17.06.2020 | 02:15 | 02:30 | 998 |
| 17.06.2020 | 02:30 | 02:45 | 985 |
| 17.06.2020 | 02:45 | 03:00 | 980 |
| 17.06.2020 | 03:00 | 03:15 | 971 |
| 17.06.2020 | 03:15 | 03:30 | 969 |
| 17.06.2020 | 03:30 | 03:45 | 977 |
| 17.06.2020 | 03:45 | 04:00 | 991 |
| 17.06.2020 | 04:00 | 04:15 | 1.000 |
| 17.06.2020 | 04:15 | 04:30 | 1.027 |
| 17.06.2020 | 04:30 | 04:45 | 1.055 |
| 17.06.2020 | 04:45 | 05:00 | 1.039 |
| 17.06.2020 | 05:00 | 05:15 | 1.058 |
| 17.06.2020 | 05:15 | 05:30 | 1.086 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.06.2020 | 05:30 | 05:45 | 1.120 |
| 17.06.2020 | 05:45 | 06:00 | 1.185 |
| 17.06.2020 | 06:00 | 06:15 | 1.284 |
| 17.06.2020 | 06:15 | 06:30 | 1.373 |
| 17.06.2020 | 06:30 | 06:45 | 1.431 |
| 17.06.2020 | 06:45 | 07:00 | 1.508 |
| 17.06.2020 | 07:00 | 07:15 | 1.585 |
| 17.06.2020 | 07:15 | 07:30 | 1.638 |
| 17.06.2020 | 07:30 | 07:45 | 1.720 |
| 17.06.2020 | 07:45 | 08:00 | 1.777 |
| 17.06.2020 | 08:00 | 08:15 | 1.857 |
| 17.06.2020 | 08:15 | 08:30 | 1.900 |
| 17.06.2020 | 08:30 | 08:45 | 1.955 |
| 17.06.2020 | 08:45 | 09:00 | 1.954 |
| 17.06.2020 | 09:00 | 09:15 | 1.965 |
| 17.06.2020 | 09:15 | 09:30 | 2.006 |
| 17.06.2020 | 09:30 | 09:45 | 2.092 |
| 17.06.2020 | 09:45 | 10:00 | 2.102 |
| 17.06.2020 | 10:00 | 10:15 | 2.119 |
| 17.06.2020 | 10:15 | 10:30 | 2.162 |
| 17.06.2020 | 10:30 | 10:45 | 2.198 |
| 17.06.2020 | 10:45 | 11:00 | 2.193 |
| 17.06.2020 | 11:00 | 11:15 | 2.223 |
| 17.06.2020 | 11:15 | 11:30 | 2.262 |
| 17.06.2020 | 11:30 | 11:45 | 2.299 |
| 17.06.2020 | 11:45 | 12:00 | 2.322 |
| 17.06.2020 | 12:00 | 12:15 | 2.332 |
| 17.06.2020 | 12:15 | 12:30 | 2.348 |
| 17.06.2020 | 12:30 | 12:45 | 2.322 |
| 17.06.2020 | 12:45 | 13:00 | 2.301 |
| 17.06.2020 | 13:00 | 13:15 | 2.297 |
| 17.06.2020 | 13:15 | 13:30 | 2.303 |
| 17.06.2020 | 13:30 | 13:45 | 2.297 |
| 17.06.2020 | 13:45 | 14:00 | 2.249 |
| 17.06.2020 | 14:00 | 14:15 | 2.248 |
| 17.06.2020 | 14:15 | 14:30 | 2.211 |
| 17.06.2020 | 14:30 | 14:45 | 2.202 |
| 17.06.2020 | 14:45 | 15:00 | 2.208 |
| 17.06.2020 | 15:00 | 15:15 | 2.208 |
| 17.06.2020 | 15:15 | 15:30 | 2.183 |
| 17.06.2020 | 15:30 | 15:45 | 2.156 |
| 17.06.2020 | 15:45 | 16:00 | 2.098 |
| 17.06.2020 | 16:00 | 16:15 | 2.092 |
| 17.06.2020 | 16:15 | 16:30 | 2.108 |
| 17.06.2020 | 16:30 | 16:45 | 2.102 |
| 17.06.2020 | 16:45 | 17:00 | 2.108 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.06.2020 | 17:00 | 17:15 | 2.090 |
| 17.06.2020 | 17:15 | 17:30 | 2.113 |
| 17.06.2020 | 17:30 | 17:45 | 2.105 |
| 17.06.2020 | 17:45 | 18:00 | 2.134 |
| 17.06.2020 | 18:00 | 18:15 | 2.165 |
| 17.06.2020 | 18:15 | 18:30 | 2.227 |
| 17.06.2020 | 18:30 | 18:45 | 2.285 |
| 17.06.2020 | 18:45 | 19:00 | 2.233 |
| 17.06.2020 | 19:00 | 19:15 | 2.208 |
| 17.06.2020 | 19:15 | 19:30 | 2.153 |
| 17.06.2020 | 19:30 | 19:45 | 2.147 |
| 17.06.2020 | 19:45 | 20:00 | 2.081 |
| 17.06.2020 | 20:00 | 20:15 | 1.979 |
| 17.06.2020 | 20:15 | 20:30 | 1.903 |
| 17.06.2020 | 20:30 | 20:45 | 1.860 |
| 17.06.2020 | 20:45 | 21:00 | 1.832 |
| 17.06.2020 | 21:00 | 21:15 | 1.750 |
| 17.06.2020 | 21:15 | 21:30 | 1.689 |
| 17.06.2020 | 21:30 | 21:45 | 1.640 |
| 17.06.2020 | 21:45 | 22:00 | 1.611 |
| 17.06.2020 | 22:00 | 22:15 | 1.592 |
| 17.06.2020 | 22:15 | 22:30 | 1.583 |
| 17.06.2020 | 22:30 | 22:45 | 1.532 |
| 17.06.2020 | 22:45 | 23:00 | 1.468 |
| 17.06.2020 | 23:00 | 23:15 | 1.410 |
| 17.06.2020 | 23:15 | 23:30 | 1.358 |
| 17.06.2020 | 23:30 | 23:45 | 1.331 |
| 17.06.2020 | 23:45 | 00:00 | 1.280 |
| 18.06.2020 | 00:00 | 00:15 | 1.231 |
| 18.06.2020 | 00:15 | 00:30 | 1.174 |
| 18.06.2020 | 00:30 | 00:45 | 1.150 |
| 18.06.2020 | 00:45 | 01:00 | 1.122 |
| 18.06.2020 | 01:00 | 01:15 | 1.098 |
| 18.06.2020 | 01:15 | 01:30 | 1.073 |
| 18.06.2020 | 01:30 | 01:45 | 1.072 |
| 18.06.2020 | 01:45 | 02:00 | 1.052 |
| 18.06.2020 | 02:00 | 02:15 | 1.040 |
| 18.06.2020 | 02:15 | 02:30 | 1.033 |
| 18.06.2020 | 02:30 | 02:45 | 1.020 |
| 18.06.2020 | 02:45 | 03:00 | 1.011 |
| 18.06.2020 | 03:00 | 03:15 | 1.000 |
| 18.06.2020 | 03:15 | 03:30 | 990 |
| 18.06.2020 | 03:30 | 03:45 | 969 |
| 18.06.2020 | 03:45 | 04:00 | 973 |
| 18.06.2020 | 04:00 | 04:15 | 978 |
| 18.06.2020 | 04:15 | 04:30 | 1.009 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.06.2020 | 04:30 | 04:45 | 1.027 |
| 18.06.2020 | 04:45 | 05:00 | 1.053 |
| 18.06.2020 | 05:00 | 05:15 | 1.048 |
| 18.06.2020 | 05:15 | 05:30 | 1.078 |
| 18.06.2020 | 05:30 | 05:45 | 1.117 |
| 18.06.2020 | 05:45 | 06:00 | 1.185 |
| 18.06.2020 | 06:00 | 06:15 | 1.296 |
| 18.06.2020 | 06:15 | 06:30 | 1.372 |
| 18.06.2020 | 06:30 | 06:45 | 1.425 |
| 18.06.2020 | 06:45 | 07:00 | 1.504 |
| 18.06.2020 | 07:00 | 07:15 | 1.585 |
| 18.06.2020 | 07:15 | 07:30 | 1.655 |
| 18.06.2020 | 07:30 | 07:45 | 1.697 |
| 18.06.2020 | 07:45 | 08:00 | 1.767 |
| 18.06.2020 | 08:00 | 08:15 | 1.811 |
| 18.06.2020 | 08:15 | 08:30 | 1.859 |
| 18.06.2020 | 08:30 | 08:45 | 1.923 |
| 18.06.2020 | 08:45 | 09:00 | 1.983 |
| 18.06.2020 | 09:00 | 09:15 | 2.019 |
| 18.06.2020 | 09:15 | 09:30 | 2.073 |
| 18.06.2020 | 09:30 | 09:45 | 2.117 |
| 18.06.2020 | 09:45 | 10:00 | 2.157 |
| 18.06.2020 | 10:00 | 10:15 | 2.177 |
| 18.06.2020 | 10:15 | 10:30 | 2.179 |
| 18.06.2020 | 10:30 | 10:45 | 2.213 |
| 18.06.2020 | 10:45 | 11:00 | 2.269 |
| 18.06.2020 | 11:00 | 11:15 | 2.278 |
| 18.06.2020 | 11:15 | 11:30 | 2.263 |
| 18.06.2020 | 11:30 | 11:45 | 2.300 |
| 18.06.2020 | 11:45 | 12:00 | 2.337 |
| 18.06.2020 | 12:00 | 12:15 | 2.349 |
| 18.06.2020 | 12:15 | 12:30 | 2.350 |
| 18.06.2020 | 12:30 | 12:45 | 2.339 |
| 18.06.2020 | 12:45 | 13:00 | 2.297 |
| 18.06.2020 | 13:00 | 13:15 | 2.307 |
| 18.06.2020 | 13:15 | 13:30 | 2.278 |
| 18.06.2020 | 13:30 | 13:45 | 2.260 |
| 18.06.2020 | 13:45 | 14:00 | 2.216 |
| 18.06.2020 | 14:00 | 14:15 | 2.284 |
| 18.06.2020 | 14:15 | 14:30 | 2.252 |
| 18.06.2020 | 14:30 | 14:45 | 2.242 |
| 18.06.2020 | 14:45 | 15:00 | 2.206 |
| 18.06.2020 | 15:00 | 15:15 | 2.208 |
| 18.06.2020 | 15:15 | 15:30 | 2.193 |
| 18.06.2020 | 15:30 | 15:45 | 2.140 |
| 18.06.2020 | 15:45 | 16:00 | 2.213 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.06.2020 | 16:00 | 16:15 | 2.265 |
| 18.06.2020 | 16:15 | 16:30 | 2.267 |
| 18.06.2020 | 16:30 | 16:45 | 2.261 |
| 18.06.2020 | 16:45 | 17:00 | 2.230 |
| 18.06.2020 | 17:00 | 17:15 | 2.216 |
| 18.06.2020 | 17:15 | 17:30 | 2.135 |
| 18.06.2020 | 17:30 | 17:45 | 2.128 |
| 18.06.2020 | 17:45 | 18:00 | 2.139 |
| 18.06.2020 | 18:00 | 18:15 | 2.159 |
| 18.06.2020 | 18:15 | 18:30 | 2.181 |
| 18.06.2020 | 18:30 | 18:45 | 2.167 |
| 18.06.2020 | 18:45 | 19:00 | 2.168 |
| 18.06.2020 | 19:00 | 19:15 | 2.141 |
| 18.06.2020 | 19:15 | 19:30 | 2.124 |
| 18.06.2020 | 19:30 | 19:45 | 2.107 |
| 18.06.2020 | 19:45 | 20:00 | 2.035 |
| 18.06.2020 | 20:00 | 20:15 | 1.909 |
| 18.06.2020 | 20:15 | 20:30 | 1.860 |
| 18.06.2020 | 20:30 | 20:45 | 1.822 |
| 18.06.2020 | 20:45 | 21:00 | 1.766 |
| 18.06.2020 | 21:00 | 21:15 | 1.707 |
| 18.06.2020 | 21:15 | 21:30 | 1.666 |
| 18.06.2020 | 21:30 | 21:45 | 1.618 |
| 18.06.2020 | 21:45 | 22:00 | 1.595 |
| 18.06.2020 | 22:00 | 22:15 | 1.566 |
| 18.06.2020 | 22:15 | 22:30 | 1.563 |
| 18.06.2020 | 22:30 | 22:45 | 1.551 |
| 18.06.2020 | 22:45 | 23:00 | 1.491 |
| 18.06.2020 | 23:00 | 23:15 | 1.416 |
| 18.06.2020 | 23:15 | 23:30 | 1.367 |
| 18.06.2020 | 23:30 | 23:45 | 1.320 |
| 18.06.2020 | 23:45 | 00:00 | 1.270 |
| 19.06.2020 | 00:00 | 00:15 | 1.224 |
| 19.06.2020 | 00:15 | 00:30 | 1.189 |
| 19.06.2020 | 00:30 | 00:45 | 1.153 |
| 19.06.2020 | 00:45 | 01:00 | 1.113 |
| 19.06.2020 | 01:00 | 01:15 | 1.072 |
| 19.06.2020 | 01:15 | 01:30 | 1.041 |
| 19.06.2020 | 01:30 | 01:45 | 1.022 |
| 19.06.2020 | 01:45 | 02:00 | 1.013 |
| 19.06.2020 | 02:00 | 02:15 | 1.000 |
| 19.06.2020 | 02:15 | 02:30 | 1.004 |
| 19.06.2020 | 02:30 | 02:45 | 1.006 |
| 19.06.2020 | 02:45 | 03:00 | 1.004 |
| 19.06.2020 | 03:00 | 03:15 | 997 |
| 19.06.2020 | 03:15 | 03:30 | 990 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.06.2020 | 03:30 | 03:45 | 990 |
| 19.06.2020 | 03:45 | 04:00 | 987 |
| 19.06.2020 | 04:00 | 04:15 | 1.000 |
| 19.06.2020 | 04:15 | 04:30 | 1.019 |
| 19.06.2020 | 04:30 | 04:45 | 1.040 |
| 19.06.2020 | 04:45 | 05:00 | 1.018 |
| 19.06.2020 | 05:00 | 05:15 | 1.047 |
| 19.06.2020 | 05:15 | 05:30 | 1.060 |
| 19.06.2020 | 05:30 | 05:45 | 1.100 |
| 19.06.2020 | 05:45 | 06:00 | 1.174 |
| 19.06.2020 | 06:00 | 06:15 | 1.252 |
| 19.06.2020 | 06:15 | 06:30 | 1.335 |
| 19.06.2020 | 06:30 | 06:45 | 1.394 |
| 19.06.2020 | 06:45 | 07:00 | 1.481 |
| 19.06.2020 | 07:00 | 07:15 | 1.546 |
| 19.06.2020 | 07:15 | 07:30 | 1.612 |
| 19.06.2020 | 07:30 | 07:45 | 1.665 |
| 19.06.2020 | 07:45 | 08:00 | 1.723 |
| 19.06.2020 | 08:00 | 08:15 | 1.816 |
| 19.06.2020 | 08:15 | 08:30 | 1.841 |
| 19.06.2020 | 08:30 | 08:45 | 1.868 |
| 19.06.2020 | 08:45 | 09:00 | 1.906 |
| 19.06.2020 | 09:00 | 09:15 | 1.939 |
| 19.06.2020 | 09:15 | 09:30 | 1.971 |
| 19.06.2020 | 09:30 | 09:45 | 2.009 |
| 19.06.2020 | 09:45 | 10:00 | 2.020 |
| 19.06.2020 | 10:00 | 10:15 | 2.066 |
| 19.06.2020 | 10:15 | 10:30 | 2.116 |
| 19.06.2020 | 10:30 | 10:45 | 2.108 |
| 19.06.2020 | 10:45 | 11:00 | 2.128 |
| 19.06.2020 | 11:00 | 11:15 | 2.164 |
| 19.06.2020 | 11:15 | 11:30 | 2.192 |
| 19.06.2020 | 11:30 | 11:45 | 2.223 |
| 19.06.2020 | 11:45 | 12:00 | 2.238 |
| 19.06.2020 | 12:00 | 12:15 | 2.257 |
| 19.06.2020 | 12:15 | 12:30 | 2.284 |
| 19.06.2020 | 12:30 | 12:45 | 2.331 |
| 19.06.2020 | 12:45 | 13:00 | 2.255 |
| 19.06.2020 | 13:00 | 13:15 | 2.247 |
| 19.06.2020 | 13:15 | 13:30 | 2.215 |
| 19.06.2020 | 13:30 | 13:45 | 2.206 |
| 19.06.2020 | 13:45 | 14:00 | 2.161 |
| 19.06.2020 | 14:00 | 14:15 | 2.128 |
| 19.06.2020 | 14:15 | 14:30 | 2.135 |
| 19.06.2020 | 14:30 | 14:45 | 2.120 |
| 19.06.2020 | 14:45 | 15:00 | 2.062 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.06.2020 | 15:00 | 15:15 | 2.061 |
| 19.06.2020 | 15:15 | 15:30 | 2.062 |
| 19.06.2020 | 15:30 | 15:45 | 2.009 |
| 19.06.2020 | 15:45 | 16:00 | 2.012 |
| 19.06.2020 | 16:00 | 16:15 | 2.013 |
| 19.06.2020 | 16:15 | 16:30 | 1.995 |
| 19.06.2020 | 16:30 | 16:45 | 2.024 |
| 19.06.2020 | 16:45 | 17:00 | 2.020 |
| 19.06.2020 | 17:00 | 17:15 | 2.021 |
| 19.06.2020 | 17:15 | 17:30 | 2.023 |
| 19.06.2020 | 17:30 | 17:45 | 2.084 |
| 19.06.2020 | 17:45 | 18:00 | 2.117 |
| 19.06.2020 | 18:00 | 18:15 | 2.097 |
| 19.06.2020 | 18:15 | 18:30 | 2.055 |
| 19.06.2020 | 18:30 | 18:45 | 2.045 |
| 19.06.2020 | 18:45 | 19:00 | 2.068 |
| 19.06.2020 | 19:00 | 19:15 | 2.012 |
| 19.06.2020 | 19:15 | 19:30 | 1.948 |
| 19.06.2020 | 19:30 | 19:45 | 1.923 |
| 19.06.2020 | 19:45 | 20:00 | 1.907 |
| 19.06.2020 | 20:00 | 20:15 | 1.827 |
| 19.06.2020 | 20:15 | 20:30 | 1.744 |
| 19.06.2020 | 20:30 | 20:45 | 1.693 |
| 19.06.2020 | 20:45 | 21:00 | 1.668 |
| 19.06.2020 | 21:00 | 21:15 | 1.617 |
| 19.06.2020 | 21:15 | 21:30 | 1.594 |
| 19.06.2020 | 21:30 | 21:45 | 1.566 |
| 19.06.2020 | 21:45 | 22:00 | 1.521 |
| 19.06.2020 | 22:00 | 22:15 | 1.506 |
| 19.06.2020 | 22:15 | 22:30 | 1.529 |
| 19.06.2020 | 22:30 | 22:45 | 1.528 |
| 19.06.2020 | 22:45 | 23:00 | 1.482 |
| 19.06.2020 | 23:00 | 23:15 | 1.400 |
| 19.06.2020 | 23:15 | 23:30 | 1.354 |
| 19.06.2020 | 23:30 | 23:45 | 1.319 |
| 19.06.2020 | 23:45 | 00:00 | 1.267 |
| 20.06.2020 | 00:00 | 00:15 | 1.220 |
| 20.06.2020 | 00:15 | 00:30 | 1.175 |
| 20.06.2020 | 00:30 | 00:45 | 1.151 |
| 20.06.2020 | 00:45 | 01:00 | 1.123 |
| 20.06.2020 | 01:00 | 01:15 | 1.095 |
| 20.06.2020 | 01:15 | 01:30 | 1.066 |
| 20.06.2020 | 01:30 | 01:45 | 1.040 |
| 20.06.2020 | 01:45 | 02:00 | 1.028 |
| 20.06.2020 | 02:00 | 02:15 | 1.014 |
| 20.06.2020 | 02:15 | 02:30 | 1.000 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.06.2020 | 02:30 | 02:45 | 983 |
| 20.06.2020 | 02:45 | 03:00 | 959 |
| 20.06.2020 | 03:00 | 03:15 | 947 |
| 20.06.2020 | 03:15 | 03:30 | 938 |
| 20.06.2020 | 03:30 | 03:45 | 936 |
| 20.06.2020 | 03:45 | 04:00 | 930 |
| 20.06.2020 | 04:00 | 04:15 | 934 |
| 20.06.2020 | 04:15 | 04:30 | 931 |
| 20.06.2020 | 04:30 | 04:45 | 938 |
| 20.06.2020 | 04:45 | 05:00 | 913 |
| 20.06.2020 | 05:00 | 05:15 | 932 |
| 20.06.2020 | 05:15 | 05:30 | 926 |
| 20.06.2020 | 05:30 | 05:45 | 940 |
| 20.06.2020 | 05:45 | 06:00 | 963 |
| 20.06.2020 | 06:00 | 06:15 | 976 |
| 20.06.2020 | 06:15 | 06:30 | 989 |
| 20.06.2020 | 06:30 | 06:45 | 1.007 |
| 20.06.2020 | 06:45 | 07:00 | 1.039 |
| 20.06.2020 | 07:00 | 07:15 | 1.072 |
| 20.06.2020 | 07:15 | 07:30 | 1.103 |
| 20.06.2020 | 07:30 | 07:45 | 1.160 |
| 20.06.2020 | 07:45 | 08:00 | 1.209 |
| 20.06.2020 | 08:00 | 08:15 | 1.276 |
| 20.06.2020 | 08:15 | 08:30 | 1.315 |
| 20.06.2020 | 08:30 | 08:45 | 1.388 |
| 20.06.2020 | 08:45 | 09:00 | 1.415 |
| 20.06.2020 | 09:00 | 09:15 | 1.477 |
| 20.06.2020 | 09:15 | 09:30 | 1.526 |
| 20.06.2020 | 09:30 | 09:45 | 1.558 |
| 20.06.2020 | 09:45 | 10:00 | 1.622 |
| 20.06.2020 | 10:00 | 10:15 | 1.659 |
| 20.06.2020 | 10:15 | 10:30 | 1.691 |
| 20.06.2020 | 10:30 | 10:45 | 1.684 |
| 20.06.2020 | 10:45 | 11:00 | 1.727 |
| 20.06.2020 | 11:00 | 11:15 | 1.755 |
| 20.06.2020 | 11:15 | 11:30 | 1.787 |
| 20.06.2020 | 11:30 | 11:45 | 1.795 |
| 20.06.2020 | 11:45 | 12:00 | 1.793 |
| 20.06.2020 | 12:00 | 12:15 | 1.764 |
| 20.06.2020 | 12:15 | 12:30 | 1.787 |
| 20.06.2020 | 12:30 | 12:45 | 1.834 |
| 20.06.2020 | 12:45 | 13:00 | 1.829 |
| 20.06.2020 | 13:00 | 13:15 | 1.814 |
| 20.06.2020 | 13:15 | 13:30 | 1.813 |
| 20.06.2020 | 13:30 | 13:45 | 1.791 |
| 20.06.2020 | 13:45 | 14:00 | 1.733 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.06.2020 | 14:00 | 14:15 | 1.748 |
| 20.06.2020 | 14:15 | 14:30 | 1.709 |
| 20.06.2020 | 14:30 | 14:45 | 1.732 |
| 20.06.2020 | 14:45 | 15:00 | 1.723 |
| 20.06.2020 | 15:00 | 15:15 | 1.705 |
| 20.06.2020 | 15:15 | 15:30 | 1.685 |
| 20.06.2020 | 15:30 | 15:45 | 1.640 |
| 20.06.2020 | 15:45 | 16:00 | 1.639 |
| 20.06.2020 | 16:00 | 16:15 | 1.621 |
| 20.06.2020 | 16:15 | 16:30 | 1.623 |
| 20.06.2020 | 16:30 | 16:45 | 1.599 |
| 20.06.2020 | 16:45 | 17:00 | 1.609 |
| 20.06.2020 | 17:00 | 17:15 | 1.591 |
| 20.06.2020 | 17:15 | 17:30 | 1.601 |
| 20.06.2020 | 17:30 | 17:45 | 1.636 |
| 20.06.2020 | 17:45 | 18:00 | 1.656 |
| 20.06.2020 | 18:00 | 18:15 | 1.629 |
| 20.06.2020 | 18:15 | 18:30 | 1.645 |
| 20.06.2020 | 18:30 | 18:45 | 1.640 |
| 20.06.2020 | 18:45 | 19:00 | 1.647 |
| 20.06.2020 | 19:00 | 19:15 | 1.624 |
| 20.06.2020 | 19:15 | 19:30 | 1.607 |
| 20.06.2020 | 19:30 | 19:45 | 1.575 |
| 20.06.2020 | 19:45 | 20:00 | 1.548 |
| 20.06.2020 | 20:00 | 20:15 | 1.529 |
| 20.06.2020 | 20:15 | 20:30 | 1.491 |
| 20.06.2020 | 20:30 | 20:45 | 1.465 |
| 20.06.2020 | 20:45 | 21:00 | 1.443 |
| 20.06.2020 | 21:00 | 21:15 | 1.409 |
| 20.06.2020 | 21:15 | 21:30 | 1.390 |
| 20.06.2020 | 21:30 | 21:45 | 1.367 |
| 20.06.2020 | 21:45 | 22:00 | 1.376 |
| 20.06.2020 | 22:00 | 22:15 | 1.376 |
| 20.06.2020 | 22:15 | 22:30 | 1.379 |
| 20.06.2020 | 22:30 | 22:45 | 1.386 |
| 20.06.2020 | 22:45 | 23:00 | 1.357 |
| 20.06.2020 | 23:00 | 23:15 | 1.312 |
| 20.06.2020 | 23:15 | 23:30 | 1.214 |
| 20.06.2020 | 23:30 | 23:45 | 1.185 |
| 20.06.2020 | 23:45 | 00:00 | 1.143 |
| 21.06.2020 | 00:00 | 00:15 | 1.090 |
| 21.06.2020 | 00:15 | 00:30 | 1.069 |
| 21.06.2020 | 00:30 | 00:45 | 1.035 |
| 21.06.2020 | 00:45 | 01:00 | 1.008 |
| 21.06.2020 | 01:00 | 01:15 | 977 |
| 21.06.2020 | 01:15 | 01:30 | 955 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.06.2020 | 01:30 | 01:45 | 935 |
| 21.06.2020 | 01:45 | 02:00 | 919 |
| 21.06.2020 | 02:00 | 02:15 | 920 |
| 21.06.2020 | 02:15 | 02:30 | 905 |
| 21.06.2020 | 02:30 | 02:45 | 891 |
| 21.06.2020 | 02:45 | 03:00 | 880 |
| 21.06.2020 | 03:00 | 03:15 | 881 |
| 21.06.2020 | 03:15 | 03:30 | 871 |
| 21.06.2020 | 03:30 | 03:45 | 867 |
| 21.06.2020 | 03:45 | 04:00 | 858 |
| 21.06.2020 | 04:00 | 04:15 | 854 |
| 21.06.2020 | 04:15 | 04:30 | 860 |
| 21.06.2020 | 04:30 | 04:45 | 859 |
| 21.06.2020 | 04:45 | 05:00 | 834 |
| 21.06.2020 | 05:00 | 05:15 | 855 |
| 21.06.2020 | 05:15 | 05:30 | 855 |
| 21.06.2020 | 05:30 | 05:45 | 881 |
| 21.06.2020 | 05:45 | 06:00 | 909 |
| 21.06.2020 | 06:00 | 06:15 | 914 |
| 21.06.2020 | 06:15 | 06:30 | 931 |
| 21.06.2020 | 06:30 | 06:45 | 942 |
| 21.06.2020 | 06:45 | 07:00 | 961 |
| 21.06.2020 | 07:00 | 07:15 | 981 |
| 21.06.2020 | 07:15 | 07:30 | 1.000 |
| 21.06.2020 | 07:30 | 07:45 | 1.038 |
| 21.06.2020 | 07:45 | 08:00 | 1.083 |
| 21.06.2020 | 08:00 | 08:15 | 1.144 |
| 21.06.2020 | 08:15 | 08:30 | 1.224 |
| 21.06.2020 | 08:30 | 08:45 | 1.259 |
| 21.06.2020 | 08:45 | 09:00 | 1.279 |
| 21.06.2020 | 09:00 | 09:15 | 1.318 |
| 21.06.2020 | 09:15 | 09:30 | 1.368 |
| 21.06.2020 | 09:30 | 09:45 | 1.410 |
| 21.06.2020 | 09:45 | 10:00 | 1.415 |
| 21.06.2020 | 10:00 | 10:15 | 1.434 |
| 21.06.2020 | 10:15 | 10:30 | 1.471 |
| 21.06.2020 | 10:30 | 10:45 | 1.496 |
| 21.06.2020 | 10:45 | 11:00 | 1.507 |
| 21.06.2020 | 11:00 | 11:15 | 1.531 |
| 21.06.2020 | 11:15 | 11:30 | 1.579 |
| 21.06.2020 | 11:30 | 11:45 | 1.665 |
| 21.06.2020 | 11:45 | 12:00 | 1.699 |
| 21.06.2020 | 12:00 | 12:15 | 1.712 |
| 21.06.2020 | 12:15 | 12:30 | 1.724 |
| 21.06.2020 | 12:30 | 12:45 | 1.726 |
| 21.06.2020 | 12:45 | 13:00 | 1.703 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.06.2020 | 13:00 | 13:15 | 1.673 |
| 21.06.2020 | 13:15 | 13:30 | 1.655 |
| 21.06.2020 | 13:30 | 13:45 | 1.633 |
| 21.06.2020 | 13:45 | 14:00 | 1.595 |
| 21.06.2020 | 14:00 | 14:15 | 1.579 |
| 21.06.2020 | 14:15 | 14:30 | 1.548 |
| 21.06.2020 | 14:30 | 14:45 | 1.536 |
| 21.06.2020 | 14:45 | 15:00 | 1.494 |
| 21.06.2020 | 15:00 | 15:15 | 1.491 |
| 21.06.2020 | 15:15 | 15:30 | 1.469 |
| 21.06.2020 | 15:30 | 15:45 | 1.440 |
| 21.06.2020 | 15:45 | 16:00 | 1.471 |
| 21.06.2020 | 16:00 | 16:15 | 1.480 |
| 21.06.2020 | 16:15 | 16:30 | 1.489 |
| 21.06.2020 | 16:30 | 16:45 | 1.496 |
| 21.06.2020 | 16:45 | 17:00 | 1.500 |
| 21.06.2020 | 17:00 | 17:15 | 1.522 |
| 21.06.2020 | 17:15 | 17:30 | 1.515 |
| 21.06.2020 | 17:30 | 17:45 | 1.524 |
| 21.06.2020 | 17:45 | 18:00 | 1.538 |
| 21.06.2020 | 18:00 | 18:15 | 1.539 |
| 21.06.2020 | 18:15 | 18:30 | 1.553 |
| 21.06.2020 | 18:30 | 18:45 | 1.582 |
| 21.06.2020 | 18:45 | 19:00 | 1.579 |
| 21.06.2020 | 19:00 | 19:15 | 1.577 |
| 21.06.2020 | 19:15 | 19:30 | 1.576 |
| 21.06.2020 | 19:30 | 19:45 | 1.603 |
| 21.06.2020 | 19:45 | 20:00 | 1.574 |
| 21.06.2020 | 20:00 | 20:15 | 1.544 |
| 21.06.2020 | 20:15 | 20:30 | 1.503 |
| 21.06.2020 | 20:30 | 20:45 | 1.430 |
| 21.06.2020 | 20:45 | 21:00 | 1.405 |
| 21.06.2020 | 21:00 | 21:15 | 1.367 |
| 21.06.2020 | 21:15 | 21:30 | 1.346 |
| 21.06.2020 | 21:30 | 21:45 | 1.326 |
| 21.06.2020 | 21:45 | 22:00 | 1.325 |
| 21.06.2020 | 22:00 | 22:15 | 1.332 |
| 21.06.2020 | 22:15 | 22:30 | 1.352 |
| 21.06.2020 | 22:30 | 22:45 | 1.323 |
| 21.06.2020 | 22:45 | 23:00 | 1.268 |
| 21.06.2020 | 23:00 | 23:15 | 1.241 |
| 21.06.2020 | 23:15 | 23:30 | 1.208 |
| 21.06.2020 | 23:30 | 23:45 | 1.159 |
| 21.06.2020 | 23:45 | 00:00 | 1.117 |
| 22.06.2020 | 00:00 | 00:15 | 1.085 |
| 22.06.2020 | 00:15 | 00:30 | 1.058 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.06.2020 | 00:30 | 00:45 | 1.024 |
| 22.06.2020 | 00:45 | 01:00 | 1.002 |
| 22.06.2020 | 01:00 | 01:15 | 969 |
| 22.06.2020 | 01:15 | 01:30 | 953 |
| 22.06.2020 | 01:30 | 01:45 | 938 |
| 22.06.2020 | 01:45 | 02:00 | 934 |
| 22.06.2020 | 02:00 | 02:15 | 931 |
| 22.06.2020 | 02:15 | 02:30 | 916 |
| 22.06.2020 | 02:30 | 02:45 | 913 |
| 22.06.2020 | 02:45 | 03:00 | 911 |
| 22.06.2020 | 03:00 | 03:15 | 912 |
| 22.06.2020 | 03:15 | 03:30 | 908 |
| 22.06.2020 | 03:30 | 03:45 | 914 |
| 22.06.2020 | 03:45 | 04:00 | 920 |
| 22.06.2020 | 04:00 | 04:15 | 936 |
| 22.06.2020 | 04:15 | 04:30 | 962 |
| 22.06.2020 | 04:30 | 04:45 | 979 |
| 22.06.2020 | 04:45 | 05:00 | 995 |
| 22.06.2020 | 05:00 | 05:15 | 998 |
| 22.06.2020 | 05:15 | 05:30 | 1.021 |
| 22.06.2020 | 05:30 | 05:45 | 1.062 |
| 22.06.2020 | 05:45 | 06:00 | 1.121 |
| 22.06.2020 | 06:00 | 06:15 | 1.232 |
| 22.06.2020 | 06:15 | 06:30 | 1.320 |
| 22.06.2020 | 06:30 | 06:45 | 1.401 |
| 22.06.2020 | 06:45 | 07:00 | 1.489 |
| 22.06.2020 | 07:00 | 07:15 | 1.602 |
| 22.06.2020 | 07:15 | 07:30 | 1.685 |
| 22.06.2020 | 07:30 | 07:45 | 1.764 |
| 22.06.2020 | 07:45 | 08:00 | 1.799 |
| 22.06.2020 | 08:00 | 08:15 | 1.875 |
| 22.06.2020 | 08:15 | 08:30 | 1.955 |
| 22.06.2020 | 08:30 | 08:45 | 2.012 |
| 22.06.2020 | 08:45 | 09:00 | 2.033 |
| 22.06.2020 | 09:00 | 09:15 | 2.055 |
| 22.06.2020 | 09:15 | 09:30 | 2.120 |
| 22.06.2020 | 09:30 | 09:45 | 2.103 |
| 22.06.2020 | 09:45 | 10:00 | 2.144 |
| 22.06.2020 | 10:00 | 10:15 | 2.168 |
| 22.06.2020 | 10:15 | 10:30 | 2.201 |
| 22.06.2020 | 10:30 | 10:45 | 2.218 |
| 22.06.2020 | 10:45 | 11:00 | 2.244 |
| 22.06.2020 | 11:00 | 11:15 | 2.262 |
| 22.06.2020 | 11:15 | 11:30 | 2.303 |
| 22.06.2020 | 11:30 | 11:45 | 2.325 |
| 22.06.2020 | 11:45 | 12:00 | 2.296 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.06.2020 | 12:00 | 12:15 | 2.309 |
| 22.06.2020 | 12:15 | 12:30 | 2.339 |
| 22.06.2020 | 12:30 | 12:45 | 2.383 |
| 22.06.2020 | 12:45 | 13:00 | 2.393 |
| 22.06.2020 | 13:00 | 13:15 | 2.363 |
| 22.06.2020 | 13:15 | 13:30 | 2.343 |
| 22.06.2020 | 13:30 | 13:45 | 2.276 |
| 22.06.2020 | 13:45 | 14:00 | 2.253 |
| 22.06.2020 | 14:00 | 14:15 | 2.278 |
| 22.06.2020 | 14:15 | 14:30 | 2.303 |
| 22.06.2020 | 14:30 | 14:45 | 2.259 |
| 22.06.2020 | 14:45 | 15:00 | 2.236 |
| 22.06.2020 | 15:00 | 15:15 | 2.238 |
| 22.06.2020 | 15:15 | 15:30 | 2.211 |
| 22.06.2020 | 15:30 | 15:45 | 2.187 |
| 22.06.2020 | 15:45 | 16:00 | 2.144 |
| 22.06.2020 | 16:00 | 16:15 | 2.174 |
| 22.06.2020 | 16:15 | 16:30 | 2.234 |
| 22.06.2020 | 16:30 | 16:45 | 2.219 |
| 22.06.2020 | 16:45 | 17:00 | 2.226 |
| 22.06.2020 | 17:00 | 17:15 | 2.186 |
| 22.06.2020 | 17:15 | 17:30 | 2.216 |
| 22.06.2020 | 17:30 | 17:45 | 2.196 |
| 22.06.2020 | 17:45 | 18:00 | 2.249 |
| 22.06.2020 | 18:00 | 18:15 | 2.190 |
| 22.06.2020 | 18:15 | 18:30 | 2.184 |
| 22.06.2020 | 18:30 | 18:45 | 2.164 |
| 22.06.2020 | 18:45 | 19:00 | 2.173 |
| 22.06.2020 | 19:00 | 19:15 | 2.131 |
| 22.06.2020 | 19:15 | 19:30 | 2.091 |
| 22.06.2020 | 19:30 | 19:45 | 2.085 |
| 22.06.2020 | 19:45 | 20:00 | 2.056 |
| 22.06.2020 | 20:00 | 20:15 | 1.986 |
| 22.06.2020 | 20:15 | 20:30 | 1.898 |
| 22.06.2020 | 20:30 | 20:45 | 1.802 |
| 22.06.2020 | 20:45 | 21:00 | 1.766 |
| 22.06.2020 | 21:00 | 21:15 | 1.764 |
| 22.06.2020 | 21:15 | 21:30 | 1.725 |
| 22.06.2020 | 21:30 | 21:45 | 1.677 |
| 22.06.2020 | 21:45 | 22:00 | 1.636 |
| 22.06.2020 | 22:00 | 22:15 | 1.604 |
| 22.06.2020 | 22:15 | 22:30 | 1.662 |
| 22.06.2020 | 22:30 | 22:45 | 1.626 |
| 22.06.2020 | 22:45 | 23:00 | 1.582 |
| 22.06.2020 | 23:00 | 23:15 | 1.529 |
| 22.06.2020 | 23:15 | 23:30 | 1.467 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.06.2020 | 23:30 | 23:45 | 1.419 |
| 22.06.2020 | 23:45 | 00:00 | 1.367 |
| 23.06.2020 | 00:00 | 00:15 | 1.321 |
| 23.06.2020 | 00:15 | 00:30 | 1.283 |
| 23.06.2020 | 00:30 | 00:45 | 1.256 |
| 23.06.2020 | 00:45 | 01:00 | 1.214 |
| 23.06.2020 | 01:00 | 01:15 | 1.179 |
| 23.06.2020 | 01:15 | 01:30 | 1.159 |
| 23.06.2020 | 01:30 | 01:45 | 1.137 |
| 23.06.2020 | 01:45 | 02:00 | 1.112 |
| 23.06.2020 | 02:00 | 02:15 | 1.088 |
| 23.06.2020 | 02:15 | 02:30 | 1.073 |
| 23.06.2020 | 02:30 | 02:45 | 1.060 |
| 23.06.2020 | 02:45 | 03:00 | 1.106 |
| 23.06.2020 | 03:00 | 03:15 | 1.123 |
| 23.06.2020 | 03:15 | 03:30 | 1.118 |
| 23.06.2020 | 03:30 | 03:45 | 1.108 |
| 23.06.2020 | 03:45 | 04:00 | 1.119 |
| 23.06.2020 | 04:00 | 04:15 | 1.158 |
| 23.06.2020 | 04:15 | 04:30 | 1.173 |
| 23.06.2020 | 04:30 | 04:45 | 1.195 |
| 23.06.2020 | 04:45 | 05:00 | 1.166 |
| 23.06.2020 | 05:00 | 05:15 | 1.122 |
| 23.06.2020 | 05:15 | 05:30 | 1.142 |
| 23.06.2020 | 05:30 | 05:45 | 1.176 |
| 23.06.2020 | 05:45 | 06:00 | 1.219 |
| 23.06.2020 | 06:00 | 06:15 | 1.319 |
| 23.06.2020 | 06:15 | 06:30 | 1.395 |
| 23.06.2020 | 06:30 | 06:45 | 1.467 |
| 23.06.2020 | 06:45 | 07:00 | 1.538 |
| 23.06.2020 | 07:00 | 07:15 | 1.621 |
| 23.06.2020 | 07:15 | 07:30 | 1.706 |
| 23.06.2020 | 07:30 | 07:45 | 1.769 |
| 23.06.2020 | 07:45 | 08:00 | 1.836 |
| 23.06.2020 | 08:00 | 08:15 | 1.891 |
| 23.06.2020 | 08:15 | 08:30 | 1.930 |
| 23.06.2020 | 08:30 | 08:45 | 1.993 |
| 23.06.2020 | 08:45 | 09:00 | 2.017 |
| 23.06.2020 | 09:00 | 09:15 | 2.074 |
| 23.06.2020 | 09:15 | 09:30 | 2.103 |
| 23.06.2020 | 09:30 | 09:45 | 2.159 |
| 23.06.2020 | 09:45 | 10:00 | 2.180 |
| 23.06.2020 | 10:00 | 10:15 | 2.171 |
| 23.06.2020 | 10:15 | 10:30 | 2.172 |
| 23.06.2020 | 10:30 | 10:45 | 2.226 |
| 23.06.2020 | 10:45 | 11:00 | 2.253 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.06.2020 | 11:00 | 11:15 | 2.258 |
| 23.06.2020 | 11:15 | 11:30 | 2.253 |
| 23.06.2020 | 11:30 | 11:45 | 2.302 |
| 23.06.2020 | 11:45 | 12:00 | 2.319 |
| 23.06.2020 | 12:00 | 12:15 | 2.330 |
| 23.06.2020 | 12:15 | 12:30 | 2.353 |
| 23.06.2020 | 12:30 | 12:45 | 2.346 |
| 23.06.2020 | 12:45 | 13:00 | 2.343 |
| 23.06.2020 | 13:00 | 13:15 | 2.330 |
| 23.06.2020 | 13:15 | 13:30 | 2.378 |
| 23.06.2020 | 13:30 | 13:45 | 2.383 |
| 23.06.2020 | 13:45 | 14:00 | 2.331 |
| 23.06.2020 | 14:00 | 14:15 | 2.318 |
| 23.06.2020 | 14:15 | 14:30 | 2.338 |
| 23.06.2020 | 14:30 | 14:45 | 2.317 |
| 23.06.2020 | 14:45 | 15:00 | 2.217 |
| 23.06.2020 | 15:00 | 15:15 | 2.222 |
| 23.06.2020 | 15:15 | 15:30 | 2.172 |
| 23.06.2020 | 15:30 | 15:45 | 2.144 |
| 23.06.2020 | 15:45 | 16:00 | 2.132 |
| 23.06.2020 | 16:00 | 16:15 | 2.129 |
| 23.06.2020 | 16:15 | 16:30 | 2.174 |
| 23.06.2020 | 16:30 | 16:45 | 2.180 |
| 23.06.2020 | 16:45 | 17:00 | 2.182 |
| 23.06.2020 | 17:00 | 17:15 | 2.163 |
| 23.06.2020 | 17:15 | 17:30 | 2.192 |
| 23.06.2020 | 17:30 | 17:45 | 2.197 |
| 23.06.2020 | 17:45 | 18:00 | 2.216 |
| 23.06.2020 | 18:00 | 18:15 | 2.173 |
| 23.06.2020 | 18:15 | 18:30 | 2.187 |
| 23.06.2020 | 18:30 | 18:45 | 2.218 |
| 23.06.2020 | 18:45 | 19:00 | 2.242 |
| 23.06.2020 | 19:00 | 19:15 | 2.237 |
| 23.06.2020 | 19:15 | 19:30 | 2.203 |
| 23.06.2020 | 19:30 | 19:45 | 2.156 |
| 23.06.2020 | 19:45 | 20:00 | 2.136 |
| 23.06.2020 | 20:00 | 20:15 | 2.070 |
| 23.06.2020 | 20:15 | 20:30 | 2.015 |
| 23.06.2020 | 20:30 | 20:45 | 1.965 |
| 23.06.2020 | 20:45 | 21:00 | 1.943 |
| 23.06.2020 | 21:00 | 21:15 | 1.869 |
| 23.06.2020 | 21:15 | 21:30 | 1.827 |
| 23.06.2020 | 21:30 | 21:45 | 1.793 |
| 23.06.2020 | 21:45 | 22:00 | 1.734 |
| 23.06.2020 | 22:00 | 22:15 | 1.696 |
| 23.06.2020 | 22:15 | 22:30 | 1.710 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.06.2020 | 22:30 | 22:45 | 1.711 |
| 23.06.2020 | 22:45 | 23:00 | 1.659 |
| 23.06.2020 | 23:00 | 23:15 | 1.573 |
| 23.06.2020 | 23:15 | 23:30 | 1.517 |
| 23.06.2020 | 23:30 | 23:45 | 1.469 |
| 23.06.2020 | 23:45 | 00:00 | 1.414 |
| 24.06.2020 | 00:00 | 00:15 | 1.366 |
| 24.06.2020 | 00:15 | 00:30 | 1.347 |
| 24.06.2020 | 00:30 | 00:45 | 1.336 |
| 24.06.2020 | 00:45 | 01:00 | 1.300 |
| 24.06.2020 | 01:00 | 01:15 | 1.263 |
| 24.06.2020 | 01:15 | 01:30 | 1.222 |
| 24.06.2020 | 01:30 | 01:45 | 1.207 |
| 24.06.2020 | 01:45 | 02:00 | 1.179 |
| 24.06.2020 | 02:00 | 02:15 | 1.175 |
| 24.06.2020 | 02:15 | 02:30 | 1.165 |
| 24.06.2020 | 02:30 | 02:45 | 1.157 |
| 24.06.2020 | 02:45 | 03:00 | 1.141 |
| 24.06.2020 | 03:00 | 03:15 | 1.141 |
| 24.06.2020 | 03:15 | 03:30 | 1.145 |
| 24.06.2020 | 03:30 | 03:45 | 1.143 |
| 24.06.2020 | 03:45 | 04:00 | 1.141 |
| 24.06.2020 | 04:00 | 04:15 | 1.170 |
| 24.06.2020 | 04:15 | 04:30 | 1.191 |
| 24.06.2020 | 04:30 | 04:45 | 1.203 |
| 24.06.2020 | 04:45 | 05:00 | 1.147 |
| 24.06.2020 | 05:00 | 05:15 | 1.124 |
| 24.06.2020 | 05:15 | 05:30 | 1.131 |
| 24.06.2020 | 05:30 | 05:45 | 1.181 |
| 24.06.2020 | 05:45 | 06:00 | 1.258 |
| 24.06.2020 | 06:00 | 06:15 | 1.345 |
| 24.06.2020 | 06:15 | 06:30 | 1.436 |
| 24.06.2020 | 06:30 | 06:45 | 1.505 |
| 24.06.2020 | 06:45 | 07:00 | 1.565 |
| 24.06.2020 | 07:00 | 07:15 | 1.652 |
| 24.06.2020 | 07:15 | 07:30 | 1.742 |
| 24.06.2020 | 07:30 | 07:45 | 1.823 |
| 24.06.2020 | 07:45 | 08:00 | 1.904 |
| 24.06.2020 | 08:00 | 08:15 | 1.958 |
| 24.06.2020 | 08:15 | 08:30 | 2.008 |
| 24.06.2020 | 08:30 | 08:45 | 2.064 |
| 24.06.2020 | 08:45 | 09:00 | 2.116 |
| 24.06.2020 | 09:00 | 09:15 | 2.111 |
| 24.06.2020 | 09:15 | 09:30 | 2.144 |
| 24.06.2020 | 09:30 | 09:45 | 2.174 |
| 24.06.2020 | 09:45 | 10:00 | 2.227 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.06.2020 | 10:00 | 10:15 | 2.215 |
| 24.06.2020 | 10:15 | 10:30 | 2.264 |
| 24.06.2020 | 10:30 | 10:45 | 2.301 |
| 24.06.2020 | 10:45 | 11:00 | 2.328 |
| 24.06.2020 | 11:00 | 11:15 | 2.369 |
| 24.06.2020 | 11:15 | 11:30 | 2.374 |
| 24.06.2020 | 11:30 | 11:45 | 2.405 |
| 24.06.2020 | 11:45 | 12:00 | 2.374 |
| 24.06.2020 | 12:00 | 12:15 | 2.395 |
| 24.06.2020 | 12:15 | 12:30 | 2.396 |
| 24.06.2020 | 12:30 | 12:45 | 2.407 |
| 24.06.2020 | 12:45 | 13:00 | 2.403 |
| 24.06.2020 | 13:00 | 13:15 | 2.381 |
| 24.06.2020 | 13:15 | 13:30 | 2.389 |
| 24.06.2020 | 13:30 | 13:45 | 2.327 |
| 24.06.2020 | 13:45 | 14:00 | 2.268 |
| 24.06.2020 | 14:00 | 14:15 | 2.290 |
| 24.06.2020 | 14:15 | 14:30 | 2.277 |
| 24.06.2020 | 14:30 | 14:45 | 2.263 |
| 24.06.2020 | 14:45 | 15:00 | 2.227 |
| 24.06.2020 | 15:00 | 15:15 | 2.227 |
| 24.06.2020 | 15:15 | 15:30 | 2.193 |
| 24.06.2020 | 15:30 | 15:45 | 2.207 |
| 24.06.2020 | 15:45 | 16:00 | 2.188 |
| 24.06.2020 | 16:00 | 16:15 | 2.205 |
| 24.06.2020 | 16:15 | 16:30 | 2.191 |
| 24.06.2020 | 16:30 | 16:45 | 2.195 |
| 24.06.2020 | 16:45 | 17:00 | 2.201 |
| 24.06.2020 | 17:00 | 17:15 | 2.184 |
| 24.06.2020 | 17:15 | 17:30 | 2.187 |
| 24.06.2020 | 17:30 | 17:45 | 2.162 |
| 24.06.2020 | 17:45 | 18:00 | 2.172 |
| 24.06.2020 | 18:00 | 18:15 | 2.175 |
| 24.06.2020 | 18:15 | 18:30 | 2.177 |
| 24.06.2020 | 18:30 | 18:45 | 2.158 |
| 24.06.2020 | 18:45 | 19:00 | 2.177 |
| 24.06.2020 | 19:00 | 19:15 | 2.164 |
| 24.06.2020 | 19:15 | 19:30 | 2.121 |
| 24.06.2020 | 19:30 | 19:45 | 2.082 |
| 24.06.2020 | 19:45 | 20:00 | 2.060 |
| 24.06.2020 | 20:00 | 20:15 | 2.010 |
| 24.06.2020 | 20:15 | 20:30 | 1.974 |
| 24.06.2020 | 20:30 | 20:45 | 1.947 |
| 24.06.2020 | 20:45 | 21:00 | 1.914 |
| 24.06.2020 | 21:00 | 21:15 | 1.863 |
| 24.06.2020 | 21:15 | 21:30 | 1.825 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.06.2020 | 21:30 | 21:45 | 1.767 |
| 24.06.2020 | 21:45 | 22:00 | 1.725 |
| 24.06.2020 | 22:00 | 22:15 | 1.718 |
| 24.06.2020 | 22:15 | 22:30 | 1.722 |
| 24.06.2020 | 22:30 | 22:45 | 1.719 |
| 24.06.2020 | 22:45 | 23:00 | 1.663 |
| 24.06.2020 | 23:00 | 23:15 | 1.587 |
| 24.06.2020 | 23:15 | 23:30 | 1.525 |
| 24.06.2020 | 23:30 | 23:45 | 1.468 |
| 24.06.2020 | 23:45 | 00:00 | 1.416 |
| 25.06.2020 | 00:00 | 00:15 | 1.365 |
| 25.06.2020 | 00:15 | 00:30 | 1.324 |
| 25.06.2020 | 00:30 | 00:45 | 1.271 |
| 25.06.2020 | 00:45 | 01:00 | 1.235 |
| 25.06.2020 | 01:00 | 01:15 | 1.195 |
| 25.06.2020 | 01:15 | 01:30 | 1.158 |
| 25.06.2020 | 01:30 | 01:45 | 1.114 |
| 25.06.2020 | 01:45 | 02:00 | 1.095 |
| 25.06.2020 | 02:00 | 02:15 | 1.088 |
| 25.06.2020 | 02:15 | 02:30 | 1.068 |
| 25.06.2020 | 02:30 | 02:45 | 1.064 |
| 25.06.2020 | 02:45 | 03:00 | 1.051 |
| 25.06.2020 | 03:00 | 03:15 | 1.039 |
| 25.06.2020 | 03:15 | 03:30 | 1.042 |
| 25.06.2020 | 03:30 | 03:45 | 1.040 |
| 25.06.2020 | 03:45 | 04:00 | 1.040 |
| 25.06.2020 | 04:00 | 04:15 | 1.063 |
| 25.06.2020 | 04:15 | 04:30 | 1.079 |
| 25.06.2020 | 04:30 | 04:45 | 1.103 |
| 25.06.2020 | 04:45 | 05:00 | 1.082 |
| 25.06.2020 | 05:00 | 05:15 | 1.106 |
| 25.06.2020 | 05:15 | 05:30 | 1.117 |
| 25.06.2020 | 05:30 | 05:45 | 1.157 |
| 25.06.2020 | 05:45 | 06:00 | 1.231 |
| 25.06.2020 | 06:00 | 06:15 | 1.318 |
| 25.06.2020 | 06:15 | 06:30 | 1.408 |
| 25.06.2020 | 06:30 | 06:45 | 1.491 |
| 25.06.2020 | 06:45 | 07:00 | 1.572 |
| 25.06.2020 | 07:00 | 07:15 | 1.662 |
| 25.06.2020 | 07:15 | 07:30 | 1.725 |
| 25.06.2020 | 07:30 | 07:45 | 1.784 |
| 25.06.2020 | 07:45 | 08:00 | 1.835 |
| 25.06.2020 | 08:00 | 08:15 | 1.887 |
| 25.06.2020 | 08:15 | 08:30 | 1.934 |
| 25.06.2020 | 08:30 | 08:45 | 2.012 |
| 25.06.2020 | 08:45 | 09:00 | 2.054 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.06.2020 | 09:00 | 09:15 | 2.135 |
| 25.06.2020 | 09:15 | 09:30 | 2.179 |
| 25.06.2020 | 09:30 | 09:45 | 2.285 |
| 25.06.2020 | 09:45 | 10:00 | 2.326 |
| 25.06.2020 | 10:00 | 10:15 | 2.356 |
| 25.06.2020 | 10:15 | 10:30 | 2.388 |
| 25.06.2020 | 10:30 | 10:45 | 2.411 |
| 25.06.2020 | 10:45 | 11:00 | 2.434 |
| 25.06.2020 | 11:00 | 11:15 | 2.471 |
| 25.06.2020 | 11:15 | 11:30 | 2.487 |
| 25.06.2020 | 11:30 | 11:45 | 2.520 |
| 25.06.2020 | 11:45 | 12:00 | 2.518 |
| 25.06.2020 | 12:00 | 12:15 | 2.480 |
| 25.06.2020 | 12:15 | 12:30 | 2.498 |
| 25.06.2020 | 12:30 | 12:45 | 2.518 |
| 25.06.2020 | 12:45 | 13:00 | 2.492 |
| 25.06.2020 | 13:00 | 13:15 | 2.496 |
| 25.06.2020 | 13:15 | 13:30 | 2.454 |
| 25.06.2020 | 13:30 | 13:45 | 2.406 |
| 25.06.2020 | 13:45 | 14:00 | 2.365 |
| 25.06.2020 | 14:00 | 14:15 | 2.377 |
| 25.06.2020 | 14:15 | 14:30 | 2.370 |
| 25.06.2020 | 14:30 | 14:45 | 2.415 |
| 25.06.2020 | 14:45 | 15:00 | 2.376 |
| 25.06.2020 | 15:00 | 15:15 | 2.353 |
| 25.06.2020 | 15:15 | 15:30 | 2.301 |
| 25.06.2020 | 15:30 | 15:45 | 2.253 |
| 25.06.2020 | 15:45 | 16:00 | 2.245 |
| 25.06.2020 | 16:00 | 16:15 | 2.283 |
| 25.06.2020 | 16:15 | 16:30 | 2.291 |
| 25.06.2020 | 16:30 | 16:45 | 2.319 |
| 25.06.2020 | 16:45 | 17:00 | 2.359 |
| 25.06.2020 | 17:00 | 17:15 | 2.346 |
| 25.06.2020 | 17:15 | 17:30 | 2.341 |
| 25.06.2020 | 17:30 | 17:45 | 2.357 |
| 25.06.2020 | 17:45 | 18:00 | 2.363 |
| 25.06.2020 | 18:00 | 18:15 | 2.327 |
| 25.06.2020 | 18:15 | 18:30 | 2.297 |
| 25.06.2020 | 18:30 | 18:45 | 2.308 |
| 25.06.2020 | 18:45 | 19:00 | 2.304 |
| 25.06.2020 | 19:00 | 19:15 | 2.254 |
| 25.06.2020 | 19:15 | 19:30 | 2.242 |
| 25.06.2020 | 19:30 | 19:45 | 2.216 |
| 25.06.2020 | 19:45 | 20:00 | 2.157 |
| 25.06.2020 | 20:00 | 20:15 | 2.049 |
| 25.06.2020 | 20:15 | 20:30 | 2.029 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.06.2020 | 20:30 | 20:45 | 1.960 |
| 25.06.2020 | 20:45 | 21:00 | 1.907 |
| 25.06.2020 | 21:00 | 21:15 | 1.887 |
| 25.06.2020 | 21:15 | 21:30 | 1.827 |
| 25.06.2020 | 21:30 | 21:45 | 1.786 |
| 25.06.2020 | 21:45 | 22:00 | 1.743 |
| 25.06.2020 | 22:00 | 22:15 | 1.712 |
| 25.06.2020 | 22:15 | 22:30 | 1.739 |
| 25.06.2020 | 22:30 | 22:45 | 1.732 |
| 25.06.2020 | 22:45 | 23:00 | 1.664 |
| 25.06.2020 | 23:00 | 23:15 | 1.589 |
| 25.06.2020 | 23:15 | 23:30 | 1.521 |
| 25.06.2020 | 23:30 | 23:45 | 1.458 |
| 25.06.2020 | 23:45 | 00:00 | 1.433 |
| 26.06.2020 | 00:00 | 00:15 | 1.382 |
| 26.06.2020 | 00:15 | 00:30 | 1.335 |
| 26.06.2020 | 00:30 | 00:45 | 1.290 |
| 26.06.2020 | 00:45 | 01:00 | 1.267 |
| 26.06.2020 | 01:00 | 01:15 | 1.232 |
| 26.06.2020 | 01:15 | 01:30 | 1.198 |
| 26.06.2020 | 01:30 | 01:45 | 1.174 |
| 26.06.2020 | 01:45 | 02:00 | 1.160 |
| 26.06.2020 | 02:00 | 02:15 | 1.134 |
| 26.06.2020 | 02:15 | 02:30 | 1.106 |
| 26.06.2020 | 02:30 | 02:45 | 1.098 |
| 26.06.2020 | 02:45 | 03:00 | 1.097 |
| 26.06.2020 | 03:00 | 03:15 | 1.097 |
| 26.06.2020 | 03:15 | 03:30 | 1.090 |
| 26.06.2020 | 03:30 | 03:45 | 1.097 |
| 26.06.2020 | 03:45 | 04:00 | 1.094 |
| 26.06.2020 | 04:00 | 04:15 | 1.127 |
| 26.06.2020 | 04:15 | 04:30 | 1.149 |
| 26.06.2020 | 04:30 | 04:45 | 1.165 |
| 26.06.2020 | 04:45 | 05:00 | 1.149 |
| 26.06.2020 | 05:00 | 05:15 | 1.172 |
| 26.06.2020 | 05:15 | 05:30 | 1.196 |
| 26.06.2020 | 05:30 | 05:45 | 1.220 |
| 26.06.2020 | 05:45 | 06:00 | 1.277 |
| 26.06.2020 | 06:00 | 06:15 | 1.365 |
| 26.06.2020 | 06:15 | 06:30 | 1.453 |
| 26.06.2020 | 06:30 | 06:45 | 1.541 |
| 26.06.2020 | 06:45 | 07:00 | 1.611 |
| 26.06.2020 | 07:00 | 07:15 | 1.723 |
| 26.06.2020 | 07:15 | 07:30 | 1.789 |
| 26.06.2020 | 07:30 | 07:45 | 1.854 |
| 26.06.2020 | 07:45 | 08:00 | 1.903 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.06.2020 | 08:00 | 08:15 | 1.981 |
| 26.06.2020 | 08:15 | 08:30 | 2.069 |
| 26.06.2020 | 08:30 | 08:45 | 2.101 |
| 26.06.2020 | 08:45 | 09:00 | 2.139 |
| 26.06.2020 | 09:00 | 09:15 | 2.209 |
| 26.06.2020 | 09:15 | 09:30 | 2.215 |
| 26.06.2020 | 09:30 | 09:45 | 2.230 |
| 26.06.2020 | 09:45 | 10:00 | 2.268 |
| 26.06.2020 | 10:00 | 10:15 | 2.273 |
| 26.06.2020 | 10:15 | 10:30 | 2.309 |
| 26.06.2020 | 10:30 | 10:45 | 2.341 |
| 26.06.2020 | 10:45 | 11:00 | 2.372 |
| 26.06.2020 | 11:00 | 11:15 | 2.397 |
| 26.06.2020 | 11:15 | 11:30 | 2.408 |
| 26.06.2020 | 11:30 | 11:45 | 2.485 |
| 26.06.2020 | 11:45 | 12:00 | 2.514 |
| 26.06.2020 | 12:00 | 12:15 | 2.553 |
| 26.06.2020 | 12:15 | 12:30 | 2.580 |
| 26.06.2020 | 12:30 | 12:45 | 2.552 |
| 26.06.2020 | 12:45 | 13:00 | 2.556 |
| 26.06.2020 | 13:00 | 13:15 | 2.524 |
| 26.06.2020 | 13:15 | 13:30 | 2.491 |
| 26.06.2020 | 13:30 | 13:45 | 2.439 |
| 26.06.2020 | 13:45 | 14:00 | 2.385 |
| 26.06.2020 | 14:00 | 14:15 | 2.361 |
| 26.06.2020 | 14:15 | 14:30 | 2.352 |
| 26.06.2020 | 14:30 | 14:45 | 2.271 |
| 26.06.2020 | 14:45 | 15:00 | 2.253 |
| 26.06.2020 | 15:00 | 15:15 | 2.228 |
| 26.06.2020 | 15:15 | 15:30 | 2.239 |
| 26.06.2020 | 15:30 | 15:45 | 2.245 |
| 26.06.2020 | 15:45 | 16:00 | 2.242 |
| 26.06.2020 | 16:00 | 16:15 | 2.240 |
| 26.06.2020 | 16:15 | 16:30 | 2.236 |
| 26.06.2020 | 16:30 | 16:45 | 2.266 |
| 26.06.2020 | 16:45 | 17:00 | 2.220 |
| 26.06.2020 | 17:00 | 17:15 | 2.177 |
| 26.06.2020 | 17:15 | 17:30 | 2.192 |
| 26.06.2020 | 17:30 | 17:45 | 2.164 |
| 26.06.2020 | 17:45 | 18:00 | 2.147 |
| 26.06.2020 | 18:00 | 18:15 | 2.147 |
| 26.06.2020 | 18:15 | 18:30 | 2.187 |
| 26.06.2020 | 18:30 | 18:45 | 2.199 |
| 26.06.2020 | 18:45 | 19:00 | 2.141 |
| 26.06.2020 | 19:00 | 19:15 | 2.125 |
| 26.06.2020 | 19:15 | 19:30 | 2.117 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.06.2020 | 19:30 | 19:45 | 2.104 |
| 26.06.2020 | 19:45 | 20:00 | 2.070 |
| 26.06.2020 | 20:00 | 20:15 | 1.992 |
| 26.06.2020 | 20:15 | 20:30 | 1.947 |
| 26.06.2020 | 20:30 | 20:45 | 1.931 |
| 26.06.2020 | 20:45 | 21:00 | 1.874 |
| 26.06.2020 | 21:00 | 21:15 | 1.847 |
| 26.06.2020 | 21:15 | 21:30 | 1.819 |
| 26.06.2020 | 21:30 | 21:45 | 1.744 |
| 26.06.2020 | 21:45 | 22:00 | 1.694 |
| 26.06.2020 | 22:00 | 22:15 | 1.688 |
| 26.06.2020 | 22:15 | 22:30 | 1.723 |
| 26.06.2020 | 22:30 | 22:45 | 1.694 |
| 26.06.2020 | 22:45 | 23:00 | 1.662 |
| 26.06.2020 | 23:00 | 23:15 | 1.607 |
| 26.06.2020 | 23:15 | 23:30 | 1.561 |
| 26.06.2020 | 23:30 | 23:45 | 1.515 |
| 26.06.2020 | 23:45 | 00:00 | 1.471 |
| 27.06.2020 | 00:00 | 00:15 | 1.394 |
| 27.06.2020 | 00:15 | 00:30 | 1.371 |
| 27.06.2020 | 00:30 | 00:45 | 1.324 |
| 27.06.2020 | 00:45 | 01:00 | 1.289 |
| 27.06.2020 | 01:00 | 01:15 | 1.241 |
| 27.06.2020 | 01:15 | 01:30 | 1.208 |
| 27.06.2020 | 01:30 | 01:45 | 1.181 |
| 27.06.2020 | 01:45 | 02:00 | 1.164 |
| 27.06.2020 | 02:00 | 02:15 | 1.130 |
| 27.06.2020 | 02:15 | 02:30 | 1.125 |
| 27.06.2020 | 02:30 | 02:45 | 1.118 |
| 27.06.2020 | 02:45 | 03:00 | 1.131 |
| 27.06.2020 | 03:00 | 03:15 | 1.107 |
| 27.06.2020 | 03:15 | 03:30 | 1.109 |
| 27.06.2020 | 03:30 | 03:45 | 1.115 |
| 27.06.2020 | 03:45 | 04:00 | 1.090 |
| 27.06.2020 | 04:00 | 04:15 | 1.088 |
| 27.06.2020 | 04:15 | 04:30 | 1.086 |
| 27.06.2020 | 04:30 | 04:45 | 1.087 |
| 27.06.2020 | 04:45 | 05:00 | 1.099 |
| 27.06.2020 | 05:00 | 05:15 | 1.071 |
| 27.06.2020 | 05:15 | 05:30 | 1.065 |
| 27.06.2020 | 05:30 | 05:45 | 1.065 |
| 27.06.2020 | 05:45 | 06:00 | 1.081 |
| 27.06.2020 | 06:00 | 06:15 | 1.105 |
| 27.06.2020 | 06:15 | 06:30 | 1.117 |
| 27.06.2020 | 06:30 | 06:45 | 1.149 |
| 27.06.2020 | 06:45 | 07:00 | 1.179 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.06.2020 | 07:00 | 07:15 | 1.223 |
| 27.06.2020 | 07:15 | 07:30 | 1.260 |
| 27.06.2020 | 07:30 | 07:45 | 1.293 |
| 27.06.2020 | 07:45 | 08:00 | 1.345 |
| 27.06.2020 | 08:00 | 08:15 | 1.438 |
| 27.06.2020 | 08:15 | 08:30 | 1.498 |
| 27.06.2020 | 08:30 | 08:45 | 1.560 |
| 27.06.2020 | 08:45 | 09:00 | 1.635 |
| 27.06.2020 | 09:00 | 09:15 | 1.692 |
| 27.06.2020 | 09:15 | 09:30 | 1.763 |
| 27.06.2020 | 09:30 | 09:45 | 1.803 |
| 27.06.2020 | 09:45 | 10:00 | 1.860 |
| 27.06.2020 | 10:00 | 10:15 | 1.897 |
| 27.06.2020 | 10:15 | 10:30 | 1.959 |
| 27.06.2020 | 10:30 | 10:45 | 1.977 |
| 27.06.2020 | 10:45 | 11:00 | 1.987 |
| 27.06.2020 | 11:00 | 11:15 | 2.005 |
| 27.06.2020 | 11:15 | 11:30 | 2.033 |
| 27.06.2020 | 11:30 | 11:45 | 2.051 |
| 27.06.2020 | 11:45 | 12:00 | 2.080 |
| 27.06.2020 | 12:00 | 12:15 | 2.043 |
| 27.06.2020 | 12:15 | 12:30 | 2.039 |
| 27.06.2020 | 12:30 | 12:45 | 2.049 |
| 27.06.2020 | 12:45 | 13:00 | 2.048 |
| 27.06.2020 | 13:00 | 13:15 | 2.003 |
| 27.06.2020 | 13:15 | 13:30 | 2.014 |
| 27.06.2020 | 13:30 | 13:45 | 1.982 |
| 27.06.2020 | 13:45 | 14:00 | 1.967 |
| 27.06.2020 | 14:00 | 14:15 | 1.958 |
| 27.06.2020 | 14:15 | 14:30 | 1.981 |
| 27.06.2020 | 14:30 | 14:45 | 1.983 |
| 27.06.2020 | 14:45 | 15:00 | 1.977 |
| 27.06.2020 | 15:00 | 15:15 | 1.969 |
| 27.06.2020 | 15:15 | 15:30 | 1.947 |
| 27.06.2020 | 15:30 | 15:45 | 1.897 |
| 27.06.2020 | 15:45 | 16:00 | 1.847 |
| 27.06.2020 | 16:00 | 16:15 | 1.860 |
| 27.06.2020 | 16:15 | 16:30 | 1.838 |
| 27.06.2020 | 16:30 | 16:45 | 1.802 |
| 27.06.2020 | 16:45 | 17:00 | 1.797 |
| 27.06.2020 | 17:00 | 17:15 | 1.818 |
| 27.06.2020 | 17:15 | 17:30 | 1.833 |
| 27.06.2020 | 17:30 | 17:45 | 1.866 |
| 27.06.2020 | 17:45 | 18:00 | 1.857 |
| 27.06.2020 | 18:00 | 18:15 | 1.869 |
| 27.06.2020 | 18:15 | 18:30 | 1.868 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.06.2020 | 18:30 | 18:45 | 1.862 |
| 27.06.2020 | 18:45 | 19:00 | 1.854 |
| 27.06.2020 | 19:00 | 19:15 | 1.797 |
| 27.06.2020 | 19:15 | 19:30 | 1.798 |
| 27.06.2020 | 19:30 | 19:45 | 1.747 |
| 27.06.2020 | 19:45 | 20:00 | 1.743 |
| 27.06.2020 | 20:00 | 20:15 | 1.685 |
| 27.06.2020 | 20:15 | 20:30 | 1.634 |
| 27.06.2020 | 20:30 | 20:45 | 1.565 |
| 27.06.2020 | 20:45 | 21:00 | 1.577 |
| 27.06.2020 | 21:00 | 21:15 | 1.525 |
| 27.06.2020 | 21:15 | 21:30 | 1.477 |
| 27.06.2020 | 21:30 | 21:45 | 1.455 |
| 27.06.2020 | 21:45 | 22:00 | 1.465 |
| 27.06.2020 | 22:00 | 22:15 | 1.464 |
| 27.06.2020 | 22:15 | 22:30 | 1.477 |
| 27.06.2020 | 22:30 | 22:45 | 1.480 |
| 27.06.2020 | 22:45 | 23:00 | 1.454 |
| 27.06.2020 | 23:00 | 23:15 | 1.406 |
| 27.06.2020 | 23:15 | 23:30 | 1.345 |
| 27.06.2020 | 23:30 | 23:45 | 1.279 |
| 27.06.2020 | 23:45 | 00:00 | 1.221 |
| 28.06.2020 | 00:00 | 00:15 | 1.185 |
| 28.06.2020 | 00:15 | 00:30 | 1.149 |
| 28.06.2020 | 00:30 | 00:45 | 1.125 |
| 28.06.2020 | 00:45 | 01:00 | 1.101 |
| 28.06.2020 | 01:00 | 01:15 | 1.070 |
| 28.06.2020 | 01:15 | 01:30 | 1.042 |
| 28.06.2020 | 01:30 | 01:45 | 1.031 |
| 28.06.2020 | 01:45 | 02:00 | 1.012 |
| 28.06.2020 | 02:00 | 02:15 | 1.001 |
| 28.06.2020 | 02:15 | 02:30 | 989 |
| 28.06.2020 | 02:30 | 02:45 | 978 |
| 28.06.2020 | 02:45 | 03:00 | 961 |
| 28.06.2020 | 03:00 | 03:15 | 961 |
| 28.06.2020 | 03:15 | 03:30 | 957 |
| 28.06.2020 | 03:30 | 03:45 | 952 |
| 28.06.2020 | 03:45 | 04:00 | 953 |
| 28.06.2020 | 04:00 | 04:15 | 951 |
| 28.06.2020 | 04:15 | 04:30 | 947 |
| 28.06.2020 | 04:30 | 04:45 | 950 |
| 28.06.2020 | 04:45 | 05:00 | 935 |
| 28.06.2020 | 05:00 | 05:15 | 918 |
| 28.06.2020 | 05:15 | 05:30 | 917 |
| 28.06.2020 | 05:30 | 05:45 | 917 |
| 28.06.2020 | 05:45 | 06:00 | 918 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.06.2020 | 06:00 | 06:15 | 928 |
| 28.06.2020 | 06:15 | 06:30 | 949 |
| 28.06.2020 | 06:30 | 06:45 | 963 |
| 28.06.2020 | 06:45 | 07:00 | 968 |
| 28.06.2020 | 07:00 | 07:15 | 987 |
| 28.06.2020 | 07:15 | 07:30 | 1.012 |
| 28.06.2020 | 07:30 | 07:45 | 1.053 |
| 28.06.2020 | 07:45 | 08:00 | 1.105 |
| 28.06.2020 | 08:00 | 08:15 | 1.138 |
| 28.06.2020 | 08:15 | 08:30 | 1.178 |
| 28.06.2020 | 08:30 | 08:45 | 1.221 |
| 28.06.2020 | 08:45 | 09:00 | 1.279 |
| 28.06.2020 | 09:00 | 09:15 | 1.322 |
| 28.06.2020 | 09:15 | 09:30 | 1.407 |
| 28.06.2020 | 09:30 | 09:45 | 1.472 |
| 28.06.2020 | 09:45 | 10:00 | 1.515 |
| 28.06.2020 | 10:00 | 10:15 | 1.551 |
| 28.06.2020 | 10:15 | 10:30 | 1.598 |
| 28.06.2020 | 10:30 | 10:45 | 1.637 |
| 28.06.2020 | 10:45 | 11:00 | 1.674 |
| 28.06.2020 | 11:00 | 11:15 | 1.716 |
| 28.06.2020 | 11:15 | 11:30 | 1.765 |
| 28.06.2020 | 11:30 | 11:45 | 1.818 |
| 28.06.2020 | 11:45 | 12:00 | 1.810 |
| 28.06.2020 | 12:00 | 12:15 | 1.824 |
| 28.06.2020 | 12:15 | 12:30 | 1.831 |
| 28.06.2020 | 12:30 | 12:45 | 1.852 |
| 28.06.2020 | 12:45 | 13:00 | 1.843 |
| 28.06.2020 | 13:00 | 13:15 | 1.815 |
| 28.06.2020 | 13:15 | 13:30 | 1.785 |
| 28.06.2020 | 13:30 | 13:45 | 1.756 |
| 28.06.2020 | 13:45 | 14:00 | 1.735 |
| 28.06.2020 | 14:00 | 14:15 | 1.726 |
| 28.06.2020 | 14:15 | 14:30 | 1.703 |
| 28.06.2020 | 14:30 | 14:45 | 1.679 |
| 28.06.2020 | 14:45 | 15:00 | 1.668 |
| 28.06.2020 | 15:00 | 15:15 | 1.642 |
| 28.06.2020 | 15:15 | 15:30 | 1.628 |
| 28.06.2020 | 15:30 | 15:45 | 1.613 |
| 28.06.2020 | 15:45 | 16:00 | 1.578 |
| 28.06.2020 | 16:00 | 16:15 | 1.562 |
| 28.06.2020 | 16:15 | 16:30 | 1.551 |
| 28.06.2020 | 16:30 | 16:45 | 1.545 |
| 28.06.2020 | 16:45 | 17:00 | 1.533 |
| 28.06.2020 | 17:00 | 17:15 | 1.545 |
| 28.06.2020 | 17:15 | 17:30 | 1.579 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.06.2020 | 17:30 | 17:45 | 1.619 |
| 28.06.2020 | 17:45 | 18:00 | 1.593 |
| 28.06.2020 | 18:00 | 18:15 | 1.614 |
| 28.06.2020 | 18:15 | 18:30 | 1.630 |
| 28.06.2020 | 18:30 | 18:45 | 1.637 |
| 28.06.2020 | 18:45 | 19:00 | 1.656 |
| 28.06.2020 | 19:00 | 19:15 | 1.616 |
| 28.06.2020 | 19:15 | 19:30 | 1.578 |
| 28.06.2020 | 19:30 | 19:45 | 1.577 |
| 28.06.2020 | 19:45 | 20:00 | 1.536 |
| 28.06.2020 | 20:00 | 20:15 | 1.515 |
| 28.06.2020 | 20:15 | 20:30 | 1.480 |
| 28.06.2020 | 20:30 | 20:45 | 1.431 |
| 28.06.2020 | 20:45 | 21:00 | 1.409 |
| 28.06.2020 | 21:00 | 21:15 | 1.381 |
| 28.06.2020 | 21:15 | 21:30 | 1.390 |
| 28.06.2020 | 21:30 | 21:45 | 1.389 |
| 28.06.2020 | 21:45 | 22:00 | 1.401 |
| 28.06.2020 | 22:00 | 22:15 | 1.401 |
| 28.06.2020 | 22:15 | 22:30 | 1.411 |
| 28.06.2020 | 22:30 | 22:45 | 1.385 |
| 28.06.2020 | 22:45 | 23:00 | 1.336 |
| 28.06.2020 | 23:00 | 23:15 | 1.288 |
| 28.06.2020 | 23:15 | 23:30 | 1.250 |
| 28.06.2020 | 23:30 | 23:45 | 1.201 |
| 28.06.2020 | 23:45 | 00:00 | 1.163 |
| 29.06.2020 | 00:00 | 00:15 | 1.128 |
| 29.06.2020 | 00:15 | 00:30 | 1.106 |
| 29.06.2020 | 00:30 | 00:45 | 1.070 |
| 29.06.2020 | 00:45 | 01:00 | 1.049 |
| 29.06.2020 | 01:00 | 01:15 | 1.026 |
| 29.06.2020 | 01:15 | 01:30 | 1.000 |
| 29.06.2020 | 01:30 | 01:45 | 994 |
| 29.06.2020 | 01:45 | 02:00 | 985 |
| 29.06.2020 | 02:00 | 02:15 | 977 |
| 29.06.2020 | 02:15 | 02:30 | 963 |
| 29.06.2020 | 02:30 | 02:45 | 964 |
| 29.06.2020 | 02:45 | 03:00 | 953 |
| 29.06.2020 | 03:00 | 03:15 | 955 |
| 29.06.2020 | 03:15 | 03:30 | 951 |
| 29.06.2020 | 03:30 | 03:45 | 963 |
| 29.06.2020 | 03:45 | 04:00 | 966 |
| 29.06.2020 | 04:00 | 04:15 | 981 |
| 29.06.2020 | 04:15 | 04:30 | 1.003 |
| 29.06.2020 | 04:30 | 04:45 | 1.026 |
| 29.06.2020 | 04:45 | 05:00 | 1.010 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.06.2020 | 05:00 | 05:15 | 1.029 |
| 29.06.2020 | 05:15 | 05:30 | 1.062 |
| 29.06.2020 | 05:30 | 05:45 | 1.096 |
| 29.06.2020 | 05:45 | 06:00 | 1.157 |
| 29.06.2020 | 06:00 | 06:15 | 1.261 |
| 29.06.2020 | 06:15 | 06:30 | 1.340 |
| 29.06.2020 | 06:30 | 06:45 | 1.426 |
| 29.06.2020 | 06:45 | 07:00 | 1.477 |
| 29.06.2020 | 07:00 | 07:15 | 1.540 |
| 29.06.2020 | 07:15 | 07:30 | 1.611 |
| 29.06.2020 | 07:30 | 07:45 | 1.670 |
| 29.06.2020 | 07:45 | 08:00 | 1.740 |
| 29.06.2020 | 08:00 | 08:15 | 1.842 |
| 29.06.2020 | 08:15 | 08:30 | 1.888 |
| 29.06.2020 | 08:30 | 08:45 | 1.911 |
| 29.06.2020 | 08:45 | 09:00 | 1.929 |
| 29.06.2020 | 09:00 | 09:15 | 1.973 |
| 29.06.2020 | 09:15 | 09:30 | 2.017 |
| 29.06.2020 | 09:30 | 09:45 | 2.094 |
| 29.06.2020 | 09:45 | 10:00 | 2.126 |
| 29.06.2020 | 10:00 | 10:15 | 2.126 |
| 29.06.2020 | 10:15 | 10:30 | 2.160 |
| 29.06.2020 | 10:30 | 10:45 | 2.189 |
| 29.06.2020 | 10:45 | 11:00 | 2.244 |
| 29.06.2020 | 11:00 | 11:15 | 2.242 |
| 29.06.2020 | 11:15 | 11:30 | 2.238 |
| 29.06.2020 | 11:30 | 11:45 | 2.281 |
| 29.06.2020 | 11:45 | 12:00 | 2.335 |
| 29.06.2020 | 12:00 | 12:15 | 2.333 |
| 29.06.2020 | 12:15 | 12:30 | 2.331 |
| 29.06.2020 | 12:30 | 12:45 | 2.358 |
| 29.06.2020 | 12:45 | 13:00 | 2.353 |
| 29.06.2020 | 13:00 | 13:15 | 2.402 |
| 29.06.2020 | 13:15 | 13:30 | 2.391 |
| 29.06.2020 | 13:30 | 13:45 | 2.267 |
| 29.06.2020 | 13:45 | 14:00 | 2.234 |
| 29.06.2020 | 14:00 | 14:15 | 2.184 |
| 29.06.2020 | 14:15 | 14:30 | 2.166 |
| 29.06.2020 | 14:30 | 14:45 | 2.148 |
| 29.06.2020 | 14:45 | 15:00 | 2.179 |
| 29.06.2020 | 15:00 | 15:15 | 2.218 |
| 29.06.2020 | 15:15 | 15:30 | 2.199 |
| 29.06.2020 | 15:30 | 15:45 | 2.161 |
| 29.06.2020 | 15:45 | 16:00 | 2.133 |
| 29.06.2020 | 16:00 | 16:15 | 2.122 |
| 29.06.2020 | 16:15 | 16:30 | 2.127 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.06.2020 | 16:30 | 16:45 | 2.108 |
| 29.06.2020 | 16:45 | 17:00 | 2.080 |
| 29.06.2020 | 17:00 | 17:15 | 2.070 |
| 29.06.2020 | 17:15 | 17:30 | 2.097 |
| 29.06.2020 | 17:30 | 17:45 | 2.095 |
| 29.06.2020 | 17:45 | 18:00 | 2.138 |
| 29.06.2020 | 18:00 | 18:15 | 2.234 |
| 29.06.2020 | 18:15 | 18:30 | 2.228 |
| 29.06.2020 | 18:30 | 18:45 | 2.218 |
| 29.06.2020 | 18:45 | 19:00 | 2.204 |
| 29.06.2020 | 19:00 | 19:15 | 2.203 |
| 29.06.2020 | 19:15 | 19:30 | 2.188 |
| 29.06.2020 | 19:30 | 19:45 | 2.173 |
| 29.06.2020 | 19:45 | 20:00 | 2.113 |
| 29.06.2020 | 20:00 | 20:15 | 2.046 |
| 29.06.2020 | 20:15 | 20:30 | 1.977 |
| 29.06.2020 | 20:30 | 20:45 | 1.915 |
| 29.06.2020 | 20:45 | 21:00 | 1.879 |
| 29.06.2020 | 21:00 | 21:15 | 1.837 |
| 29.06.2020 | 21:15 | 21:30 | 1.795 |
| 29.06.2020 | 21:30 | 21:45 | 1.742 |
| 29.06.2020 | 21:45 | 22:00 | 1.711 |
| 29.06.2020 | 22:00 | 22:15 | 1.658 |
| 29.06.2020 | 22:15 | 22:30 | 1.667 |
| 29.06.2020 | 22:30 | 22:45 | 1.665 |
| 29.06.2020 | 22:45 | 23:00 | 1.605 |
| 29.06.2020 | 23:00 | 23:15 | 1.533 |
| 29.06.2020 | 23:15 | 23:30 | 1.474 |
| 29.06.2020 | 23:30 | 23:45 | 1.409 |
| 29.06.2020 | 23:45 | 00:00 | 1.355 |
| 30.06.2020 | 00:00 | 00:15 | 1.315 |
| 30.06.2020 | 00:15 | 00:30 | 1.280 |
| 30.06.2020 | 00:30 | 00:45 | 1.246 |
| 30.06.2020 | 00:45 | 01:00 | 1.223 |
| 30.06.2020 | 01:00 | 01:15 | 1.189 |
| 30.06.2020 | 01:15 | 01:30 | 1.170 |
| 30.06.2020 | 01:30 | 01:45 | 1.160 |
| 30.06.2020 | 01:45 | 02:00 | 1.157 |
| 30.06.2020 | 02:00 | 02:15 | 1.148 |
| 30.06.2020 | 02:15 | 02:30 | 1.139 |
| 30.06.2020 | 02:30 | 02:45 | 1.127 |
| 30.06.2020 | 02:45 | 03:00 | 1.126 |
| 30.06.2020 | 03:00 | 03:15 | 1.109 |
| 30.06.2020 | 03:15 | 03:30 | 1.094 |
| 30.06.2020 | 03:30 | 03:45 | 1.082 |
| 30.06.2020 | 03:45 | 04:00 | 1.081 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.06.2020 | 04:00 | 04:15 | 1.092 |
| 30.06.2020 | 04:15 | 04:30 | 1.118 |
| 30.06.2020 | 04:30 | 04:45 | 1.121 |
| 30.06.2020 | 04:45 | 05:00 | 1.104 |
| 30.06.2020 | 05:00 | 05:15 | 1.124 |
| 30.06.2020 | 05:15 | 05:30 | 1.147 |
| 30.06.2020 | 05:30 | 05:45 | 1.173 |
| 30.06.2020 | 05:45 | 06:00 | 1.239 |
| 30.06.2020 | 06:00 | 06:15 | 1.323 |
| 30.06.2020 | 06:15 | 06:30 | 1.403 |
| 30.06.2020 | 06:30 | 06:45 | 1.456 |
| 30.06.2020 | 06:45 | 07:00 | 1.530 |
| 30.06.2020 | 07:00 | 07:15 | 1.600 |
| 30.06.2020 | 07:15 | 07:30 | 1.651 |
| 30.06.2020 | 07:30 | 07:45 | 1.713 |
| 30.06.2020 | 07:45 | 08:00 | 1.788 |
| 30.06.2020 | 08:00 | 08:15 | 1.841 |
| 30.06.2020 | 08:15 | 08:30 | 1.884 |
| 30.06.2020 | 08:30 | 08:45 | 1.917 |
| 30.06.2020 | 08:45 | 09:00 | 1.944 |
| 30.06.2020 | 09:00 | 09:15 | 2.021 |
| 30.06.2020 | 09:15 | 09:30 | 2.075 |
| 30.06.2020 | 09:30 | 09:45 | 2.133 |
| 30.06.2020 | 09:45 | 10:00 | 2.151 |
| 30.06.2020 | 10:00 | 10:15 | 2.189 |
| 30.06.2020 | 10:15 | 10:30 | 2.195 |
| 30.06.2020 | 10:30 | 10:45 | 2.235 |
| 30.06.2020 | 10:45 | 11:00 | 2.320 |
| 30.06.2020 | 11:00 | 11:15 | 2.334 |
| 30.06.2020 | 11:15 | 11:30 | 2.346 |
| 30.06.2020 | 11:30 | 11:45 | 2.401 |
| 30.06.2020 | 11:45 | 12:00 | 2.411 |
| 30.06.2020 | 12:00 | 12:15 | 2.359 |
| 30.06.2020 | 12:15 | 12:30 | 2.357 |
| 30.06.2020 | 12:30 | 12:45 | 2.397 |
| 30.06.2020 | 12:45 | 13:00 | 2.406 |
| 30.06.2020 | 13:00 | 13:15 | 2.366 |
| 30.06.2020 | 13:15 | 13:30 | 2.367 |
| 30.06.2020 | 13:30 | 13:45 | 2.320 |
| 30.06.2020 | 13:45 | 14:00 | 2.260 |
| 30.06.2020 | 14:00 | 14:15 | 2.251 |
| 30.06.2020 | 14:15 | 14:30 | 2.268 |
| 30.06.2020 | 14:30 | 14:45 | 2.249 |
| 30.06.2020 | 14:45 | 15:00 | 2.234 |
| 30.06.2020 | 15:00 | 15:15 | 2.227 |
| 30.06.2020 | 15:15 | 15:30 | 2.224 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.06.2020 | 15:30 | 15:45 | 2.177 |
| 30.06.2020 | 15:45 | 16:00 | 2.144 |
| 30.06.2020 | 16:00 | 16:15 | 2.146 |
| 30.06.2020 | 16:15 | 16:30 | 2.164 |
| 30.06.2020 | 16:30 | 16:45 | 2.212 |
| 30.06.2020 | 16:45 | 17:00 | 2.192 |
| 30.06.2020 | 17:00 | 17:15 | 2.200 |
| 30.06.2020 | 17:15 | 17:30 | 2.241 |
| 30.06.2020 | 17:30 | 17:45 | 2.227 |
| 30.06.2020 | 17:45 | 18:00 | 2.225 |
| 30.06.2020 | 18:00 | 18:15 | 2.211 |
| 30.06.2020 | 18:15 | 18:30 | 2.222 |
| 30.06.2020 | 18:30 | 18:45 | 2.204 |
| 30.06.2020 | 18:45 | 19:00 | 2.213 |
| 30.06.2020 | 19:00 | 19:15 | 2.224 |
| 30.06.2020 | 19:15 | 19:30 | 2.160 |
| 30.06.2020 | 19:30 | 19:45 | 2.093 |
| 30.06.2020 | 19:45 | 20:00 | 2.100 |
| 30.06.2020 | 20:00 | 20:15 | 2.046 |
| 30.06.2020 | 20:15 | 20:30 | 1.939 |
| 30.06.2020 | 20:30 | 20:45 | 1.877 |
| 30.06.2020 | 20:45 | 21:00 | 1.846 |
| 30.06.2020 | 21:00 | 21:15 | 1.811 |
| 30.06.2020 | 21:15 | 21:30 | 1.757 |
| 30.06.2020 | 21:30 | 21:45 | 1.710 |
| 30.06.2020 | 21:45 | 22:00 | 1.667 |
| 30.06.2020 | 22:00 | 22:15 | 1.610 |
| 30.06.2020 | 22:15 | 22:30 | 1.635 |
| 30.06.2020 | 22:30 | 22:45 | 1.576 |
| 30.06.2020 | 22:45 | 23:00 | 1.505 |
| 30.06.2020 | 23:00 | 23:15 | 1.447 |
| 30.06.2020 | 23:15 | 23:30 | 1.365 |
| 30.06.2020 | 23:30 | 23:45 | 1.266 |
| 30.06.2020 | 23:45 | 00:00 | 1.217 |
| 01.07.2020 | 00:00 | 00:15 | 1.179 |
| 01.07.2020 | 00:15 | 00:30 | 1.143 |
| 01.07.2020 | 00:30 | 00:45 | 1.108 |
| 01.07.2020 | 00:45 | 01:00 | 1.082 |
| 01.07.2020 | 01:00 | 01:15 | 1.057 |
| 01.07.2020 | 01:15 | 01:30 | 1.040 |
| 01.07.2020 | 01:30 | 01:45 | 1.024 |
| 01.07.2020 | 01:45 | 02:00 | 1.008 |
| 01.07.2020 | 02:00 | 02:15 | 999 |
| 01.07.2020 | 02:15 | 02:30 | 984 |
| 01.07.2020 | 02:30 | 02:45 | 991 |
| 01.07.2020 | 02:45 | 03:00 | 991 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.07.2020 | 03:00 | 03:15 | 989 |
| 01.07.2020 | 03:15 | 03:30 | 982 |
| 01.07.2020 | 03:30 | 03:45 | 978 |
| 01.07.2020 | 03:45 | 04:00 | 980 |
| 01.07.2020 | 04:00 | 04:15 | 1.000 |
| 01.07.2020 | 04:15 | 04:30 | 1.036 |
| 01.07.2020 | 04:30 | 04:45 | 1.054 |
| 01.07.2020 | 04:45 | 05:00 | 1.066 |
| 01.07.2020 | 05:00 | 05:15 | 1.067 |
| 01.07.2020 | 05:15 | 05:30 | 1.086 |
| 01.07.2020 | 05:30 | 05:45 | 1.118 |
| 01.07.2020 | 05:45 | 06:00 | 1.170 |
| 01.07.2020 | 06:00 | 06:15 | 1.250 |
| 01.07.2020 | 06:15 | 06:30 | 1.326 |
| 01.07.2020 | 06:30 | 06:45 | 1.380 |
| 01.07.2020 | 06:45 | 07:00 | 1.453 |
| 01.07.2020 | 07:00 | 07:15 | 1.514 |
| 01.07.2020 | 07:15 | 07:30 | 1.595 |
| 01.07.2020 | 07:30 | 07:45 | 1.623 |
| 01.07.2020 | 07:45 | 08:00 | 1.693 |
| 01.07.2020 | 08:00 | 08:15 | 1.784 |
| 01.07.2020 | 08:15 | 08:30 | 1.858 |
| 01.07.2020 | 08:30 | 08:45 | 1.874 |
| 01.07.2020 | 08:45 | 09:00 | 1.953 |
| 01.07.2020 | 09:00 | 09:15 | 2.003 |
| 01.07.2020 | 09:15 | 09:30 | 2.087 |
| 01.07.2020 | 09:30 | 09:45 | 2.123 |
| 01.07.2020 | 09:45 | 10:00 | 2.211 |
| 01.07.2020 | 10:00 | 10:15 | 2.238 |
| 01.07.2020 | 10:15 | 10:30 | 2.264 |
| 01.07.2020 | 10:30 | 10:45 | 2.299 |
| 01.07.2020 | 10:45 | 11:00 | 2.314 |
| 01.07.2020 | 11:00 | 11:15 | 2.361 |
| 01.07.2020 | 11:15 | 11:30 | 2.418 |
| 01.07.2020 | 11:30 | 11:45 | 2.464 |
| 01.07.2020 | 11:45 | 12:00 | 2.494 |
| 01.07.2020 | 12:00 | 12:15 | 2.476 |
| 01.07.2020 | 12:15 | 12:30 | 2.485 |
| 01.07.2020 | 12:30 | 12:45 | 2.471 |
| 01.07.2020 | 12:45 | 13:00 | 2.499 |
| 01.07.2020 | 13:00 | 13:15 | 2.514 |
| 01.07.2020 | 13:15 | 13:30 | 2.544 |
| 01.07.2020 | 13:30 | 13:45 | 2.524 |
| 01.07.2020 | 13:45 | 14:00 | 2.529 |
| 01.07.2020 | 14:00 | 14:15 | 2.494 |
| 01.07.2020 | 14:15 | 14:30 | 2.478 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.07.2020 | 14:30 | 14:45 | 2.439 |
| 01.07.2020 | 14:45 | 15:00 | 2.395 |
| 01.07.2020 | 15:00 | 15:15 | 2.380 |
| 01.07.2020 | 15:15 | 15:30 | 2.357 |
| 01.07.2020 | 15:30 | 15:45 | 2.315 |
| 01.07.2020 | 15:45 | 16:00 | 2.281 |
| 01.07.2020 | 16:00 | 16:15 | 2.357 |
| 01.07.2020 | 16:15 | 16:30 | 2.351 |
| 01.07.2020 | 16:30 | 16:45 | 2.361 |
| 01.07.2020 | 16:45 | 17:00 | 2.332 |
| 01.07.2020 | 17:00 | 17:15 | 2.315 |
| 01.07.2020 | 17:15 | 17:30 | 2.349 |
| 01.07.2020 | 17:30 | 17:45 | 2.320 |
| 01.07.2020 | 17:45 | 18:00 | 2.331 |
| 01.07.2020 | 18:00 | 18:15 | 2.335 |
| 01.07.2020 | 18:15 | 18:30 | 2.316 |
| 01.07.2020 | 18:30 | 18:45 | 2.266 |
| 01.07.2020 | 18:45 | 19:00 | 2.229 |
| 01.07.2020 | 19:00 | 19:15 | 2.211 |
| 01.07.2020 | 19:15 | 19:30 | 2.158 |
| 01.07.2020 | 19:30 | 19:45 | 2.113 |
| 01.07.2020 | 19:45 | 20:00 | 2.113 |
| 01.07.2020 | 20:00 | 20:15 | 2.008 |
| 01.07.2020 | 20:15 | 20:30 | 1.910 |
| 01.07.2020 | 20:30 | 20:45 | 1.872 |
| 01.07.2020 | 20:45 | 21:00 | 1.798 |
| 01.07.2020 | 21:00 | 21:15 | 1.752 |
| 01.07.2020 | 21:15 | 21:30 | 1.704 |
| 01.07.2020 | 21:30 | 21:45 | 1.649 |
| 01.07.2020 | 21:45 | 22:00 | 1.628 |
| 01.07.2020 | 22:00 | 22:15 | 1.577 |
| 01.07.2020 | 22:15 | 22:30 | 1.598 |
| 01.07.2020 | 22:30 | 22:45 | 1.590 |
| 01.07.2020 | 22:45 | 23:00 | 1.537 |
| 01.07.2020 | 23:00 | 23:15 | 1.467 |
| 01.07.2020 | 23:15 | 23:30 | 1.381 |
| 01.07.2020 | 23:30 | 23:45 | 1.280 |
| 01.07.2020 | 23:45 | 00:00 | 1.240 |
| 02.07.2020 | 00:00 | 00:15 | 1.201 |
| 02.07.2020 | 00:15 | 00:30 | 1.173 |
| 02.07.2020 | 00:30 | 00:45 | 1.138 |
| 02.07.2020 | 00:45 | 01:00 | 1.113 |
| 02.07.2020 | 01:00 | 01:15 | 1.094 |
| 02.07.2020 | 01:15 | 01:30 | 1.054 |
| 02.07.2020 | 01:30 | 01:45 | 1.040 |
| 02.07.2020 | 01:45 | 02:00 | 1.029 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.07.2020 | 02:00 | 02:15 | 1.012 |
| 02.07.2020 | 02:15 | 02:30 | 988 |
| 02.07.2020 | 02:30 | 02:45 | 976 |
| 02.07.2020 | 02:45 | 03:00 | 982 |
| 02.07.2020 | 03:00 | 03:15 | 968 |
| 02.07.2020 | 03:15 | 03:30 | 972 |
| 02.07.2020 | 03:30 | 03:45 | 979 |
| 02.07.2020 | 03:45 | 04:00 | 984 |
| 02.07.2020 | 04:00 | 04:15 | 1.005 |
| 02.07.2020 | 04:15 | 04:30 | 1.032 |
| 02.07.2020 | 04:30 | 04:45 | 1.050 |
| 02.07.2020 | 04:45 | 05:00 | 1.053 |
| 02.07.2020 | 05:00 | 05:15 | 1.070 |
| 02.07.2020 | 05:15 | 05:30 | 1.087 |
| 02.07.2020 | 05:30 | 05:45 | 1.115 |
| 02.07.2020 | 05:45 | 06:00 | 1.159 |
| 02.07.2020 | 06:00 | 06:15 | 1.261 |
| 02.07.2020 | 06:15 | 06:30 | 1.334 |
| 02.07.2020 | 06:30 | 06:45 | 1.381 |
| 02.07.2020 | 06:45 | 07:00 | 1.436 |
| 02.07.2020 | 07:00 | 07:15 | 1.553 |
| 02.07.2020 | 07:15 | 07:30 | 1.614 |
| 02.07.2020 | 07:30 | 07:45 | 1.668 |
| 02.07.2020 | 07:45 | 08:00 | 1.722 |
| 02.07.2020 | 08:00 | 08:15 | 1.777 |
| 02.07.2020 | 08:15 | 08:30 | 1.826 |
| 02.07.2020 | 08:30 | 08:45 | 1.861 |
| 02.07.2020 | 08:45 | 09:00 | 1.926 |
| 02.07.2020 | 09:00 | 09:15 | 1.974 |
| 02.07.2020 | 09:15 | 09:30 | 2.025 |
| 02.07.2020 | 09:30 | 09:45 | 2.013 |
| 02.07.2020 | 09:45 | 10:00 | 2.064 |
| 02.07.2020 | 10:00 | 10:15 | 2.130 |
| 02.07.2020 | 10:15 | 10:30 | 2.152 |
| 02.07.2020 | 10:30 | 10:45 | 2.158 |
| 02.07.2020 | 10:45 | 11:00 | 2.189 |
| 02.07.2020 | 11:00 | 11:15 | 2.200 |
| 02.07.2020 | 11:15 | 11:30 | 2.262 |
| 02.07.2020 | 11:30 | 11:45 | 2.350 |
| 02.07.2020 | 11:45 | 12:00 | 2.363 |
| 02.07.2020 | 12:00 | 12:15 | 2.362 |
| 02.07.2020 | 12:15 | 12:30 | 2.372 |
| 02.07.2020 | 12:30 | 12:45 | 2.391 |
| 02.07.2020 | 12:45 | 13:00 | 2.333 |
| 02.07.2020 | 13:00 | 13:15 | 2.335 |
| 02.07.2020 | 13:15 | 13:30 | 2.335 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.07.2020 | 13:30 | 13:45 | 2.309 |
| 02.07.2020 | 13:45 | 14:00 | 2.291 |
| 02.07.2020 | 14:00 | 14:15 | 2.274 |
| 02.07.2020 | 14:15 | 14:30 | 2.290 |
| 02.07.2020 | 14:30 | 14:45 | 2.241 |
| 02.07.2020 | 14:45 | 15:00 | 2.246 |
| 02.07.2020 | 15:00 | 15:15 | 2.286 |
| 02.07.2020 | 15:15 | 15:30 | 2.259 |
| 02.07.2020 | 15:30 | 15:45 | 2.232 |
| 02.07.2020 | 15:45 | 16:00 | 2.188 |
| 02.07.2020 | 16:00 | 16:15 | 2.215 |
| 02.07.2020 | 16:15 | 16:30 | 2.239 |
| 02.07.2020 | 16:30 | 16:45 | 2.261 |
| 02.07.2020 | 16:45 | 17:00 | 2.211 |
| 02.07.2020 | 17:00 | 17:15 | 2.231 |
| 02.07.2020 | 17:15 | 17:30 | 2.282 |
| 02.07.2020 | 17:30 | 17:45 | 2.369 |
| 02.07.2020 | 17:45 | 18:00 | 2.379 |
| 02.07.2020 | 18:00 | 18:15 | 2.378 |
| 02.07.2020 | 18:15 | 18:30 | 2.336 |
| 02.07.2020 | 18:30 | 18:45 | 2.309 |
| 02.07.2020 | 18:45 | 19:00 | 2.318 |
| 02.07.2020 | 19:00 | 19:15 | 2.318 |
| 02.07.2020 | 19:15 | 19:30 | 2.292 |
| 02.07.2020 | 19:30 | 19:45 | 2.239 |
| 02.07.2020 | 19:45 | 20:00 | 2.181 |
| 02.07.2020 | 20:00 | 20:15 | 2.071 |
| 02.07.2020 | 20:15 | 20:30 | 1.984 |
| 02.07.2020 | 20:30 | 20:45 | 1.950 |
| 02.07.2020 | 20:45 | 21:00 | 1.893 |
| 02.07.2020 | 21:00 | 21:15 | 1.864 |
| 02.07.2020 | 21:15 | 21:30 | 1.802 |
| 02.07.2020 | 21:30 | 21:45 | 1.767 |
| 02.07.2020 | 21:45 | 22:00 | 1.735 |
| 02.07.2020 | 22:00 | 22:15 | 1.679 |
| 02.07.2020 | 22:15 | 22:30 | 1.688 |
| 02.07.2020 | 22:30 | 22:45 | 1.653 |
| 02.07.2020 | 22:45 | 23:00 | 1.571 |
| 02.07.2020 | 23:00 | 23:15 | 1.484 |
| 02.07.2020 | 23:15 | 23:30 | 1.424 |
| 02.07.2020 | 23:30 | 23:45 | 1.365 |
| 02.07.2020 | 23:45 | 00:00 | 1.302 |
| 03.07.2020 | 00:00 | 00:15 | 1.229 |
| 03.07.2020 | 00:15 | 00:30 | 1.201 |
| 03.07.2020 | 00:30 | 00:45 | 1.168 |
| 03.07.2020 | 00:45 | 01:00 | 1.139 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.07.2020 | 01:00 | 01:15 | 1.106 |
| 03.07.2020 | 01:15 | 01:30 | 1.089 |
| 03.07.2020 | 01:30 | 01:45 | 1.074 |
| 03.07.2020 | 01:45 | 02:00 | 1.064 |
| 03.07.2020 | 02:00 | 02:15 | 1.048 |
| 03.07.2020 | 02:15 | 02:30 | 1.033 |
| 03.07.2020 | 02:30 | 02:45 | 1.025 |
| 03.07.2020 | 02:45 | 03:00 | 1.012 |
| 03.07.2020 | 03:00 | 03:15 | 1.003 |
| 03.07.2020 | 03:15 | 03:30 | 990 |
| 03.07.2020 | 03:30 | 03:45 | 994 |
| 03.07.2020 | 03:45 | 04:00 | 1.035 |
| 03.07.2020 | 04:00 | 04:15 | 1.066 |
| 03.07.2020 | 04:15 | 04:30 | 1.092 |
| 03.07.2020 | 04:30 | 04:45 | 1.117 |
| 03.07.2020 | 04:45 | 05:00 | 1.109 |
| 03.07.2020 | 05:00 | 05:15 | 1.121 |
| 03.07.2020 | 05:15 | 05:30 | 1.143 |
| 03.07.2020 | 05:30 | 05:45 | 1.173 |
| 03.07.2020 | 05:45 | 06:00 | 1.248 |
| 03.07.2020 | 06:00 | 06:15 | 1.329 |
| 03.07.2020 | 06:15 | 06:30 | 1.408 |
| 03.07.2020 | 06:30 | 06:45 | 1.471 |
| 03.07.2020 | 06:45 | 07:00 | 1.534 |
| 03.07.2020 | 07:00 | 07:15 | 1.615 |
| 03.07.2020 | 07:15 | 07:30 | 1.665 |
| 03.07.2020 | 07:30 | 07:45 | 1.731 |
| 03.07.2020 | 07:45 | 08:00 | 1.774 |
| 03.07.2020 | 08:00 | 08:15 | 1.814 |
| 03.07.2020 | 08:15 | 08:30 | 1.852 |
| 03.07.2020 | 08:30 | 08:45 | 1.889 |
| 03.07.2020 | 08:45 | 09:00 | 1.923 |
| 03.07.2020 | 09:00 | 09:15 | 1.965 |
| 03.07.2020 | 09:15 | 09:30 | 2.015 |
| 03.07.2020 | 09:30 | 09:45 | 2.047 |
| 03.07.2020 | 09:45 | 10:00 | 2.141 |
| 03.07.2020 | 10:00 | 10:15 | 2.182 |
| 03.07.2020 | 10:15 | 10:30 | 2.218 |
| 03.07.2020 | 10:30 | 10:45 | 2.230 |
| 03.07.2020 | 10:45 | 11:00 | 2.276 |
| 03.07.2020 | 11:00 | 11:15 | 2.292 |
| 03.07.2020 | 11:15 | 11:30 | 2.334 |
| 03.07.2020 | 11:30 | 11:45 | 2.362 |
| 03.07.2020 | 11:45 | 12:00 | 2.386 |
| 03.07.2020 | 12:00 | 12:15 | 2.386 |
| 03.07.2020 | 12:15 | 12:30 | 2.416 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.07.2020 | 12:30 | 12:45 | 2.442 |
| 03.07.2020 | 12:45 | 13:00 | 2.421 |
| 03.07.2020 | 13:00 | 13:15 | 2.413 |
| 03.07.2020 | 13:15 | 13:30 | 2.399 |
| 03.07.2020 | 13:30 | 13:45 | 2.371 |
| 03.07.2020 | 13:45 | 14:00 | 2.345 |
| 03.07.2020 | 14:00 | 14:15 | 2.291 |
| 03.07.2020 | 14:15 | 14:30 | 2.230 |
| 03.07.2020 | 14:30 | 14:45 | 2.196 |
| 03.07.2020 | 14:45 | 15:00 | 2.144 |
| 03.07.2020 | 15:00 | 15:15 | 2.120 |
| 03.07.2020 | 15:15 | 15:30 | 2.070 |
| 03.07.2020 | 15:30 | 15:45 | 2.056 |
| 03.07.2020 | 15:45 | 16:00 | 2.044 |
| 03.07.2020 | 16:00 | 16:15 | 2.083 |
| 03.07.2020 | 16:15 | 16:30 | 2.073 |
| 03.07.2020 | 16:30 | 16:45 | 2.120 |
| 03.07.2020 | 16:45 | 17:00 | 2.121 |
| 03.07.2020 | 17:00 | 17:15 | 2.122 |
| 03.07.2020 | 17:15 | 17:30 | 2.103 |
| 03.07.2020 | 17:30 | 17:45 | 2.102 |
| 03.07.2020 | 17:45 | 18:00 | 2.132 |
| 03.07.2020 | 18:00 | 18:15 | 2.097 |
| 03.07.2020 | 18:15 | 18:30 | 2.100 |
| 03.07.2020 | 18:30 | 18:45 | 2.127 |
| 03.07.2020 | 18:45 | 19:00 | 2.119 |
| 03.07.2020 | 19:00 | 19:15 | 2.093 |
| 03.07.2020 | 19:15 | 19:30 | 2.068 |
| 03.07.2020 | 19:30 | 19:45 | 2.046 |
| 03.07.2020 | 19:45 | 20:00 | 2.020 |
| 03.07.2020 | 20:00 | 20:15 | 1.965 |
| 03.07.2020 | 20:15 | 20:30 | 1.906 |
| 03.07.2020 | 20:30 | 20:45 | 1.861 |
| 03.07.2020 | 20:45 | 21:00 | 1.831 |
| 03.07.2020 | 21:00 | 21:15 | 1.765 |
| 03.07.2020 | 21:15 | 21:30 | 1.694 |
| 03.07.2020 | 21:30 | 21:45 | 1.658 |
| 03.07.2020 | 21:45 | 22:00 | 1.630 |
| 03.07.2020 | 22:00 | 22:15 | 1.605 |
| 03.07.2020 | 22:15 | 22:30 | 1.639 |
| 03.07.2020 | 22:30 | 22:45 | 1.588 |
| 03.07.2020 | 22:45 | 23:00 | 1.524 |
| 03.07.2020 | 23:00 | 23:15 | 1.479 |
| 03.07.2020 | 23:15 | 23:30 | 1.441 |
| 03.07.2020 | 23:30 | 23:45 | 1.419 |
| 03.07.2020 | 23:45 | 00:00 | 1.357 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.07.2020 | 00:00 | 00:15 | 1.318 |
| 04.07.2020 | 00:15 | 00:30 | 1.280 |
| 04.07.2020 | 00:30 | 00:45 | 1.239 |
| 04.07.2020 | 00:45 | 01:00 | 1.204 |
| 04.07.2020 | 01:00 | 01:15 | 1.177 |
| 04.07.2020 | 01:15 | 01:30 | 1.146 |
| 04.07.2020 | 01:30 | 01:45 | 1.113 |
| 04.07.2020 | 01:45 | 02:00 | 1.100 |
| 04.07.2020 | 02:00 | 02:15 | 1.088 |
| 04.07.2020 | 02:15 | 02:30 | 1.069 |
| 04.07.2020 | 02:30 | 02:45 | 1.059 |
| 04.07.2020 | 02:45 | 03:00 | 1.035 |
| 04.07.2020 | 03:00 | 03:15 | 1.017 |
| 04.07.2020 | 03:15 | 03:30 | 1.011 |
| 04.07.2020 | 03:30 | 03:45 | 997 |
| 04.07.2020 | 03:45 | 04:00 | 968 |
| 04.07.2020 | 04:00 | 04:15 | 979 |
| 04.07.2020 | 04:15 | 04:30 | 962 |
| 04.07.2020 | 04:30 | 04:45 | 972 |
| 04.07.2020 | 04:45 | 05:00 | 972 |
| 04.07.2020 | 05:00 | 05:15 | 961 |
| 04.07.2020 | 05:15 | 05:30 | 962 |
| 04.07.2020 | 05:30 | 05:45 | 970 |
| 04.07.2020 | 05:45 | 06:00 | 985 |
| 04.07.2020 | 06:00 | 06:15 | 994 |
| 04.07.2020 | 06:15 | 06:30 | 1.015 |
| 04.07.2020 | 06:30 | 06:45 | 1.020 |
| 04.07.2020 | 06:45 | 07:00 | 1.046 |
| 04.07.2020 | 07:00 | 07:15 | 1.087 |
| 04.07.2020 | 07:15 | 07:30 | 1.113 |
| 04.07.2020 | 07:30 | 07:45 | 1.153 |
| 04.07.2020 | 07:45 | 08:00 | 1.190 |
| 04.07.2020 | 08:00 | 08:15 | 1.256 |
| 04.07.2020 | 08:15 | 08:30 | 1.307 |
| 04.07.2020 | 08:30 | 08:45 | 1.361 |
| 04.07.2020 | 08:45 | 09:00 | 1.410 |
| 04.07.2020 | 09:00 | 09:15 | 1.472 |
| 04.07.2020 | 09:15 | 09:30 | 1.530 |
| 04.07.2020 | 09:30 | 09:45 | 1.574 |
| 04.07.2020 | 09:45 | 10:00 | 1.629 |
| 04.07.2020 | 10:00 | 10:15 | 1.669 |
| 04.07.2020 | 10:15 | 10:30 | 1.732 |
| 04.07.2020 | 10:30 | 10:45 | 1.760 |
| 04.07.2020 | 10:45 | 11:00 | 1.796 |
| 04.07.2020 | 11:00 | 11:15 | 1.847 |
| 04.07.2020 | 11:15 | 11:30 | 1.882 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.07.2020 | 11:30 | 11:45 | 1.914 |
| 04.07.2020 | 11:45 | 12:00 | 1.875 |
| 04.07.2020 | 12:00 | 12:15 | 1.857 |
| 04.07.2020 | 12:15 | 12:30 | 1.860 |
| 04.07.2020 | 12:30 | 12:45 | 1.871 |
| 04.07.2020 | 12:45 | 13:00 | 1.864 |
| 04.07.2020 | 13:00 | 13:15 | 1.860 |
| 04.07.2020 | 13:15 | 13:30 | 1.838 |
| 04.07.2020 | 13:30 | 13:45 | 1.847 |
| 04.07.2020 | 13:45 | 14:00 | 1.833 |
| 04.07.2020 | 14:00 | 14:15 | 1.829 |
| 04.07.2020 | 14:15 | 14:30 | 1.808 |
| 04.07.2020 | 14:30 | 14:45 | 1.836 |
| 04.07.2020 | 14:45 | 15:00 | 1.850 |
| 04.07.2020 | 15:00 | 15:15 | 1.851 |
| 04.07.2020 | 15:15 | 15:30 | 1.848 |
| 04.07.2020 | 15:30 | 15:45 | 1.841 |
| 04.07.2020 | 15:45 | 16:00 | 1.825 |
| 04.07.2020 | 16:00 | 16:15 | 1.823 |
| 04.07.2020 | 16:15 | 16:30 | 1.802 |
| 04.07.2020 | 16:30 | 16:45 | 1.814 |
| 04.07.2020 | 16:45 | 17:00 | 1.802 |
| 04.07.2020 | 17:00 | 17:15 | 1.815 |
| 04.07.2020 | 17:15 | 17:30 | 1.812 |
| 04.07.2020 | 17:30 | 17:45 | 1.810 |
| 04.07.2020 | 17:45 | 18:00 | 1.824 |
| 04.07.2020 | 18:00 | 18:15 | 1.832 |
| 04.07.2020 | 18:15 | 18:30 | 1.825 |
| 04.07.2020 | 18:30 | 18:45 | 1.815 |
| 04.07.2020 | 18:45 | 19:00 | 1.812 |
| 04.07.2020 | 19:00 | 19:15 | 1.792 |
| 04.07.2020 | 19:15 | 19:30 | 1.787 |
| 04.07.2020 | 19:30 | 19:45 | 1.817 |
| 04.07.2020 | 19:45 | 20:00 | 1.771 |
| 04.07.2020 | 20:00 | 20:15 | 1.722 |
| 04.07.2020 | 20:15 | 20:30 | 1.669 |
| 04.07.2020 | 20:30 | 20:45 | 1.625 |
| 04.07.2020 | 20:45 | 21:00 | 1.599 |
| 04.07.2020 | 21:00 | 21:15 | 1.560 |
| 04.07.2020 | 21:15 | 21:30 | 1.521 |
| 04.07.2020 | 21:30 | 21:45 | 1.486 |
| 04.07.2020 | 21:45 | 22:00 | 1.481 |
| 04.07.2020 | 22:00 | 22:15 | 1.484 |
| 04.07.2020 | 22:15 | 22:30 | 1.499 |
| 04.07.2020 | 22:30 | 22:45 | 1.466 |
| 04.07.2020 | 22:45 | 23:00 | 1.417 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 04.07.2020 | 23:00 | 23:15 | 1.380 |
| 04.07.2020 | 23:15 | 23:30 | 1.345 |
| 04.07.2020 | 23:30 | 23:45 | 1.292 |
| 04.07.2020 | 23:45 | 00:00 | 1.209 |
| 05.07.2020 | 00:00 | 00:15 | 1.103 |
| 05.07.2020 | 00:15 | 00:30 | 1.076 |
| 05.07.2020 | 00:30 | 00:45 | 1.042 |
| 05.07.2020 | 00:45 | 01:00 | 1.019 |
| 05.07.2020 | 01:00 | 01:15 | 992 |
| 05.07.2020 | 01:15 | 01:30 | 971 |
| 05.07.2020 | 01:30 | 01:45 | 971 |
| 05.07.2020 | 01:45 | 02:00 | 956 |
| 05.07.2020 | 02:00 | 02:15 | 950 |
| 05.07.2020 | 02:15 | 02:30 | 932 |
| 05.07.2020 | 02:30 | 02:45 | 919 |
| 05.07.2020 | 02:45 | 03:00 | 913 |
| 05.07.2020 | 03:00 | 03:15 | 909 |
| 05.07.2020 | 03:15 | 03:30 | 912 |
| 05.07.2020 | 03:30 | 03:45 | 909 |
| 05.07.2020 | 03:45 | 04:00 | 907 |
| 05.07.2020 | 04:00 | 04:15 | 905 |
| 05.07.2020 | 04:15 | 04:30 | 907 |
| 05.07.2020 | 04:30 | 04:45 | 900 |
| 05.07.2020 | 04:45 | 05:00 | 904 |
| 05.07.2020 | 05:00 | 05:15 | 898 |
| 05.07.2020 | 05:15 | 05:30 | 876 |
| 05.07.2020 | 05:30 | 05:45 | 877 |
| 05.07.2020 | 05:45 | 06:00 | 886 |
| 05.07.2020 | 06:00 | 06:15 | 895 |
| 05.07.2020 | 06:15 | 06:30 | 904 |
| 05.07.2020 | 06:30 | 06:45 | 918 |
| 05.07.2020 | 06:45 | 07:00 | 924 |
| 05.07.2020 | 07:00 | 07:15 | 941 |
| 05.07.2020 | 07:15 | 07:30 | 966 |
| 05.07.2020 | 07:30 | 07:45 | 998 |
| 05.07.2020 | 07:45 | 08:00 | 1.035 |
| 05.07.2020 | 08:00 | 08:15 | 1.071 |
| 05.07.2020 | 08:15 | 08:30 | 1.119 |
| 05.07.2020 | 08:30 | 08:45 | 1.148 |
| 05.07.2020 | 08:45 | 09:00 | 1.208 |
| 05.07.2020 | 09:00 | 09:15 | 1.273 |
| 05.07.2020 | 09:15 | 09:30 | 1.333 |
| 05.07.2020 | 09:30 | 09:45 | 1.366 |
| 05.07.2020 | 09:45 | 10:00 | 1.422 |
| 05.07.2020 | 10:00 | 10:15 | 1.469 |
| 05.07.2020 | 10:15 | 10:30 | 1.514 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.07.2020 | 10:30 | 10:45 | 1.570 |
| 05.07.2020 | 10:45 | 11:00 | 1.635 |
| 05.07.2020 | 11:00 | 11:15 | 1.709 |
| 05.07.2020 | 11:15 | 11:30 | 1.814 |
| 05.07.2020 | 11:30 | 11:45 | 1.860 |
| 05.07.2020 | 11:45 | 12:00 | 1.889 |
| 05.07.2020 | 12:00 | 12:15 | 1.930 |
| 05.07.2020 | 12:15 | 12:30 | 1.967 |
| 05.07.2020 | 12:30 | 12:45 | 1.986 |
| 05.07.2020 | 12:45 | 13:00 | 1.953 |
| 05.07.2020 | 13:00 | 13:15 | 1.850 |
| 05.07.2020 | 13:15 | 13:30 | 1.817 |
| 05.07.2020 | 13:30 | 13:45 | 1.803 |
| 05.07.2020 | 13:45 | 14:00 | 1.767 |
| 05.07.2020 | 14:00 | 14:15 | 1.750 |
| 05.07.2020 | 14:15 | 14:30 | 1.752 |
| 05.07.2020 | 14:30 | 14:45 | 1.769 |
| 05.07.2020 | 14:45 | 15:00 | 1.684 |
| 05.07.2020 | 15:00 | 15:15 | 1.632 |
| 05.07.2020 | 15:15 | 15:30 | 1.611 |
| 05.07.2020 | 15:30 | 15:45 | 1.606 |
| 05.07.2020 | 15:45 | 16:00 | 1.609 |
| 05.07.2020 | 16:00 | 16:15 | 1.622 |
| 05.07.2020 | 16:15 | 16:30 | 1.584 |
| 05.07.2020 | 16:30 | 16:45 | 1.583 |
| 05.07.2020 | 16:45 | 17:00 | 1.631 |
| 05.07.2020 | 17:00 | 17:15 | 1.661 |
| 05.07.2020 | 17:15 | 17:30 | 1.653 |
| 05.07.2020 | 17:30 | 17:45 | 1.630 |
| 05.07.2020 | 17:45 | 18:00 | 1.626 |
| 05.07.2020 | 18:00 | 18:15 | 1.651 |
| 05.07.2020 | 18:15 | 18:30 | 1.676 |
| 05.07.2020 | 18:30 | 18:45 | 1.716 |
| 05.07.2020 | 18:45 | 19:00 | 1.739 |
| 05.07.2020 | 19:00 | 19:15 | 1.720 |
| 05.07.2020 | 19:15 | 19:30 | 1.703 |
| 05.07.2020 | 19:30 | 19:45 | 1.719 |
| 05.07.2020 | 19:45 | 20:00 | 1.668 |
| 05.07.2020 | 20:00 | 20:15 | 1.641 |
| 05.07.2020 | 20:15 | 20:30 | 1.571 |
| 05.07.2020 | 20:30 | 20:45 | 1.513 |
| 05.07.2020 | 20:45 | 21:00 | 1.473 |
| 05.07.2020 | 21:00 | 21:15 | 1.442 |
| 05.07.2020 | 21:15 | 21:30 | 1.396 |
| 05.07.2020 | 21:30 | 21:45 | 1.339 |
| 05.07.2020 | 21:45 | 22:00 | 1.347 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.07.2020 | 22:00 | 22:15 | 1.360 |
| 05.07.2020 | 22:15 | 22:30 | 1.393 |
| 05.07.2020 | 22:30 | 22:45 | 1.375 |
| 05.07.2020 | 22:45 | 23:00 | 1.328 |
| 05.07.2020 | 23:00 | 23:15 | 1.299 |
| 05.07.2020 | 23:15 | 23:30 | 1.257 |
| 05.07.2020 | 23:30 | 23:45 | 1.260 |
| 05.07.2020 | 23:45 | 00:00 | 1.246 |
| 06.07.2020 | 00:00 | 00:15 | 1.212 |
| 06.07.2020 | 00:15 | 00:30 | 1.174 |
| 06.07.2020 | 00:30 | 00:45 | 1.139 |
| 06.07.2020 | 00:45 | 01:00 | 1.111 |
| 06.07.2020 | 01:00 | 01:15 | 1.096 |
| 06.07.2020 | 01:15 | 01:30 | 1.069 |
| 06.07.2020 | 01:30 | 01:45 | 1.050 |
| 06.07.2020 | 01:45 | 02:00 | 1.033 |
| 06.07.2020 | 02:00 | 02:15 | 1.016 |
| 06.07.2020 | 02:15 | 02:30 | 1.013 |
| 06.07.2020 | 02:30 | 02:45 | 1.006 |
| 06.07.2020 | 02:45 | 03:00 | 1.003 |
| 06.07.2020 | 03:00 | 03:15 | 1.009 |
| 06.07.2020 | 03:15 | 03:30 | 1.010 |
| 06.07.2020 | 03:30 | 03:45 | 1.012 |
| 06.07.2020 | 03:45 | 04:00 | 1.017 |
| 06.07.2020 | 04:00 | 04:15 | 1.048 |
| 06.07.2020 | 04:15 | 04:30 | 1.063 |
| 06.07.2020 | 04:30 | 04:45 | 1.079 |
| 06.07.2020 | 04:45 | 05:00 | 1.077 |
| 06.07.2020 | 05:00 | 05:15 | 1.098 |
| 06.07.2020 | 05:15 | 05:30 | 1.135 |
| 06.07.2020 | 05:30 | 05:45 | 1.163 |
| 06.07.2020 | 05:45 | 06:00 | 1.226 |
| 06.07.2020 | 06:00 | 06:15 | 1.318 |
| 06.07.2020 | 06:15 | 06:30 | 1.422 |
| 06.07.2020 | 06:30 | 06:45 | 1.487 |
| 06.07.2020 | 06:45 | 07:00 | 1.561 |
| 06.07.2020 | 07:00 | 07:15 | 1.619 |
| 06.07.2020 | 07:15 | 07:30 | 1.699 |
| 06.07.2020 | 07:30 | 07:45 | 1.748 |
| 06.07.2020 | 07:45 | 08:00 | 1.800 |
| 06.07.2020 | 08:00 | 08:15 | 1.846 |
| 06.07.2020 | 08:15 | 08:30 | 1.899 |
| 06.07.2020 | 08:30 | 08:45 | 1.937 |
| 06.07.2020 | 08:45 | 09:00 | 1.981 |
| 06.07.2020 | 09:00 | 09:15 | 2.047 |
| 06.07.2020 | 09:15 | 09:30 | 2.097 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.07.2020 | 09:30 | 09:45 | 2.157 |
| 06.07.2020 | 09:45 | 10:00 | 2.189 |
| 06.07.2020 | 10:00 | 10:15 | 2.170 |
| 06.07.2020 | 10:15 | 10:30 | 2.198 |
| 06.07.2020 | 10:30 | 10:45 | 2.277 |
| 06.07.2020 | 10:45 | 11:00 | 2.300 |
| 06.07.2020 | 11:00 | 11:15 | 2.333 |
| 06.07.2020 | 11:15 | 11:30 | 2.381 |
| 06.07.2020 | 11:30 | 11:45 | 2.374 |
| 06.07.2020 | 11:45 | 12:00 | 2.427 |
| 06.07.2020 | 12:00 | 12:15 | 2.434 |
| 06.07.2020 | 12:15 | 12:30 | 2.425 |
| 06.07.2020 | 12:30 | 12:45 | 2.393 |
| 06.07.2020 | 12:45 | 13:00 | 2.430 |
| 06.07.2020 | 13:00 | 13:15 | 2.417 |
| 06.07.2020 | 13:15 | 13:30 | 2.404 |
| 06.07.2020 | 13:30 | 13:45 | 2.372 |
| 06.07.2020 | 13:45 | 14:00 | 2.247 |
| 06.07.2020 | 14:00 | 14:15 | 2.273 |
| 06.07.2020 | 14:15 | 14:30 | 2.259 |
| 06.07.2020 | 14:30 | 14:45 | 2.238 |
| 06.07.2020 | 14:45 | 15:00 | 2.225 |
| 06.07.2020 | 15:00 | 15:15 | 2.272 |
| 06.07.2020 | 15:15 | 15:30 | 2.197 |
| 06.07.2020 | 15:30 | 15:45 | 2.192 |
| 06.07.2020 | 15:45 | 16:00 | 2.147 |
| 06.07.2020 | 16:00 | 16:15 | 2.250 |
| 06.07.2020 | 16:15 | 16:30 | 2.229 |
| 06.07.2020 | 16:30 | 16:45 | 2.164 |
| 06.07.2020 | 16:45 | 17:00 | 2.193 |
| 06.07.2020 | 17:00 | 17:15 | 2.207 |
| 06.07.2020 | 17:15 | 17:30 | 2.254 |
| 06.07.2020 | 17:30 | 17:45 | 2.254 |
| 06.07.2020 | 17:45 | 18:00 | 2.222 |
| 06.07.2020 | 18:00 | 18:15 | 2.176 |
| 06.07.2020 | 18:15 | 18:30 | 2.194 |
| 06.07.2020 | 18:30 | 18:45 | 2.207 |
| 06.07.2020 | 18:45 | 19:00 | 2.189 |
| 06.07.2020 | 19:00 | 19:15 | 2.156 |
| 06.07.2020 | 19:15 | 19:30 | 2.115 |
| 06.07.2020 | 19:30 | 19:45 | 2.047 |
| 06.07.2020 | 19:45 | 20:00 | 2.032 |
| 06.07.2020 | 20:00 | 20:15 | 1.958 |
| 06.07.2020 | 20:15 | 20:30 | 1.896 |
| 06.07.2020 | 20:30 | 20:45 | 1.837 |
| 06.07.2020 | 20:45 | 21:00 | 1.774 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.07.2020 | 21:00 | 21:15 | 1.707 |
| 06.07.2020 | 21:15 | 21:30 | 1.655 |
| 06.07.2020 | 21:30 | 21:45 | 1.595 |
| 06.07.2020 | 21:45 | 22:00 | 1.576 |
| 06.07.2020 | 22:00 | 22:15 | 1.559 |
| 06.07.2020 | 22:15 | 22:30 | 1.575 |
| 06.07.2020 | 22:30 | 22:45 | 1.550 |
| 06.07.2020 | 22:45 | 23:00 | 1.500 |
| 06.07.2020 | 23:00 | 23:15 | 1.438 |
| 06.07.2020 | 23:15 | 23:30 | 1.371 |
| 06.07.2020 | 23:30 | 23:45 | 1.326 |
| 06.07.2020 | 23:45 | 00:00 | 1.290 |
| 07.07.2020 | 00:00 | 00:15 | 1.248 |
| 07.07.2020 | 00:15 | 00:30 | 1.214 |
| 07.07.2020 | 00:30 | 00:45 | 1.184 |
| 07.07.2020 | 00:45 | 01:00 | 1.148 |
| 07.07.2020 | 01:00 | 01:15 | 1.129 |
| 07.07.2020 | 01:15 | 01:30 | 1.104 |
| 07.07.2020 | 01:30 | 01:45 | 1.089 |
| 07.07.2020 | 01:45 | 02:00 | 1.066 |
| 07.07.2020 | 02:00 | 02:15 | 1.042 |
| 07.07.2020 | 02:15 | 02:30 | 1.042 |
| 07.07.2020 | 02:30 | 02:45 | 1.043 |
| 07.07.2020 | 02:45 | 03:00 | 1.030 |
| 07.07.2020 | 03:00 | 03:15 | 1.023 |
| 07.07.2020 | 03:15 | 03:30 | 1.012 |
| 07.07.2020 | 03:30 | 03:45 | 1.000 |
| 07.07.2020 | 03:45 | 04:00 | 1.010 |
| 07.07.2020 | 04:00 | 04:15 | 1.039 |
| 07.07.2020 | 04:15 | 04:30 | 1.071 |
| 07.07.2020 | 04:30 | 04:45 | 1.100 |
| 07.07.2020 | 04:45 | 05:00 | 1.108 |
| 07.07.2020 | 05:00 | 05:15 | 1.123 |
| 07.07.2020 | 05:15 | 05:30 | 1.139 |
| 07.07.2020 | 05:30 | 05:45 | 1.167 |
| 07.07.2020 | 05:45 | 06:00 | 1.216 |
| 07.07.2020 | 06:00 | 06:15 | 1.254 |
| 07.07.2020 | 06:15 | 06:30 | 1.294 |
| 07.07.2020 | 06:30 | 06:45 | 1.339 |
| 07.07.2020 | 06:45 | 07:00 | 1.408 |
| 07.07.2020 | 07:00 | 07:15 | 1.517 |
| 07.07.2020 | 07:15 | 07:30 | 1.599 |
| 07.07.2020 | 07:30 | 07:45 | 1.647 |
| 07.07.2020 | 07:45 | 08:00 | 1.720 |
| 07.07.2020 | 08:00 | 08:15 | 1.785 |
| 07.07.2020 | 08:15 | 08:30 | 1.845 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.07.2020 | 08:30 | 08:45 | 1.893 |
| 07.07.2020 | 08:45 | 09:00 | 1.941 |
| 07.07.2020 | 09:00 | 09:15 | 1.958 |
| 07.07.2020 | 09:15 | 09:30 | 1.982 |
| 07.07.2020 | 09:30 | 09:45 | 2.008 |
| 07.07.2020 | 09:45 | 10:00 | 2.060 |
| 07.07.2020 | 10:00 | 10:15 | 2.115 |
| 07.07.2020 | 10:15 | 10:30 | 2.179 |
| 07.07.2020 | 10:30 | 10:45 | 2.237 |
| 07.07.2020 | 10:45 | 11:00 | 2.319 |
| 07.07.2020 | 11:00 | 11:15 | 2.291 |
| 07.07.2020 | 11:15 | 11:30 | 2.356 |
| 07.07.2020 | 11:30 | 11:45 | 2.378 |
| 07.07.2020 | 11:45 | 12:00 | 2.345 |
| 07.07.2020 | 12:00 | 12:15 | 2.345 |
| 07.07.2020 | 12:15 | 12:30 | 2.357 |
| 07.07.2020 | 12:30 | 12:45 | 2.357 |
| 07.07.2020 | 12:45 | 13:00 | 2.383 |
| 07.07.2020 | 13:00 | 13:15 | 2.365 |
| 07.07.2020 | 13:15 | 13:30 | 2.317 |
| 07.07.2020 | 13:30 | 13:45 | 2.240 |
| 07.07.2020 | 13:45 | 14:00 | 2.285 |
| 07.07.2020 | 14:00 | 14:15 | 2.353 |
| 07.07.2020 | 14:15 | 14:30 | 2.343 |
| 07.07.2020 | 14:30 | 14:45 | 2.327 |
| 07.07.2020 | 14:45 | 15:00 | 2.294 |
| 07.07.2020 | 15:00 | 15:15 | 2.310 |
| 07.07.2020 | 15:15 | 15:30 | 2.312 |
| 07.07.2020 | 15:30 | 15:45 | 2.256 |
| 07.07.2020 | 15:45 | 16:00 | 2.258 |
| 07.07.2020 | 16:00 | 16:15 | 2.253 |
| 07.07.2020 | 16:15 | 16:30 | 2.245 |
| 07.07.2020 | 16:30 | 16:45 | 2.265 |
| 07.07.2020 | 16:45 | 17:00 | 2.239 |
| 07.07.2020 | 17:00 | 17:15 | 2.275 |
| 07.07.2020 | 17:15 | 17:30 | 2.254 |
| 07.07.2020 | 17:30 | 17:45 | 2.261 |
| 07.07.2020 | 17:45 | 18:00 | 2.244 |
| 07.07.2020 | 18:00 | 18:15 | 2.234 |
| 07.07.2020 | 18:15 | 18:30 | 2.260 |
| 07.07.2020 | 18:30 | 18:45 | 2.249 |
| 07.07.2020 | 18:45 | 19:00 | 2.254 |
| 07.07.2020 | 19:00 | 19:15 | 2.192 |
| 07.07.2020 | 19:15 | 19:30 | 2.143 |
| 07.07.2020 | 19:30 | 19:45 | 2.113 |
| 07.07.2020 | 19:45 | 20:00 | 2.037 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.07.2020 | 20:00 | 20:15 | 1.964 |
| 07.07.2020 | 20:15 | 20:30 | 1.912 |
| 07.07.2020 | 20:30 | 20:45 | 1.884 |
| 07.07.2020 | 20:45 | 21:00 | 1.821 |
| 07.07.2020 | 21:00 | 21:15 | 1.759 |
| 07.07.2020 | 21:15 | 21:30 | 1.724 |
| 07.07.2020 | 21:30 | 21:45 | 1.685 |
| 07.07.2020 | 21:45 | 22:00 | 1.664 |
| 07.07.2020 | 22:00 | 22:15 | 1.634 |
| 07.07.2020 | 22:15 | 22:30 | 1.609 |
| 07.07.2020 | 22:30 | 22:45 | 1.558 |
| 07.07.2020 | 22:45 | 23:00 | 1.485 |
| 07.07.2020 | 23:00 | 23:15 | 1.425 |
| 07.07.2020 | 23:15 | 23:30 | 1.349 |
| 07.07.2020 | 23:30 | 23:45 | 1.303 |
| 07.07.2020 | 23:45 | 00:00 | 1.267 |
| 08.07.2020 | 00:00 | 00:15 | 1.223 |
| 08.07.2020 | 00:15 | 00:30 | 1.191 |
| 08.07.2020 | 00:30 | 00:45 | 1.159 |
| 08.07.2020 | 00:45 | 01:00 | 1.138 |
| 08.07.2020 | 01:00 | 01:15 | 1.116 |
| 08.07.2020 | 01:15 | 01:30 | 1.095 |
| 08.07.2020 | 01:30 | 01:45 | 1.055 |
| 08.07.2020 | 01:45 | 02:00 | 1.029 |
| 08.07.2020 | 02:00 | 02:15 | 1.012 |
| 08.07.2020 | 02:15 | 02:30 | 1.007 |
| 08.07.2020 | 02:30 | 02:45 | 999 |
| 08.07.2020 | 02:45 | 03:00 | 988 |
| 08.07.2020 | 03:00 | 03:15 | 989 |
| 08.07.2020 | 03:15 | 03:30 | 991 |
| 08.07.2020 | 03:30 | 03:45 | 999 |
| 08.07.2020 | 03:45 | 04:00 | 1.004 |
| 08.07.2020 | 04:00 | 04:15 | 1.026 |
| 08.07.2020 | 04:15 | 04:30 | 1.043 |
| 08.07.2020 | 04:30 | 04:45 | 1.072 |
| 08.07.2020 | 04:45 | 05:00 | 1.079 |
| 08.07.2020 | 05:00 | 05:15 | 1.095 |
| 08.07.2020 | 05:15 | 05:30 | 1.109 |
| 08.07.2020 | 05:30 | 05:45 | 1.149 |
| 08.07.2020 | 05:45 | 06:00 | 1.197 |
| 08.07.2020 | 06:00 | 06:15 | 1.282 |
| 08.07.2020 | 06:15 | 06:30 | 1.361 |
| 08.07.2020 | 06:30 | 06:45 | 1.414 |
| 08.07.2020 | 06:45 | 07:00 | 1.481 |
| 08.07.2020 | 07:00 | 07:15 | 1.540 |
| 08.07.2020 | 07:15 | 07:30 | 1.614 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.07.2020 | 07:30 | 07:45 | 1.653 |
| 08.07.2020 | 07:45 | 08:00 | 1.693 |
| 08.07.2020 | 08:00 | 08:15 | 1.791 |
| 08.07.2020 | 08:15 | 08:30 | 1.826 |
| 08.07.2020 | 08:30 | 08:45 | 1.864 |
| 08.07.2020 | 08:45 | 09:00 | 1.924 |
| 08.07.2020 | 09:00 | 09:15 | 1.989 |
| 08.07.2020 | 09:15 | 09:30 | 2.084 |
| 08.07.2020 | 09:30 | 09:45 | 2.161 |
| 08.07.2020 | 09:45 | 10:00 | 2.197 |
| 08.07.2020 | 10:00 | 10:15 | 2.229 |
| 08.07.2020 | 10:15 | 10:30 | 2.217 |
| 08.07.2020 | 10:30 | 10:45 | 2.237 |
| 08.07.2020 | 10:45 | 11:00 | 2.243 |
| 08.07.2020 | 11:00 | 11:15 | 2.257 |
| 08.07.2020 | 11:15 | 11:30 | 2.259 |
| 08.07.2020 | 11:30 | 11:45 | 2.257 |
| 08.07.2020 | 11:45 | 12:00 | 2.244 |
| 08.07.2020 | 12:00 | 12:15 | 2.276 |
| 08.07.2020 | 12:15 | 12:30 | 2.309 |
| 08.07.2020 | 12:30 | 12:45 | 2.349 |
| 08.07.2020 | 12:45 | 13:00 | 2.384 |
| 08.07.2020 | 13:00 | 13:15 | 2.391 |
| 08.07.2020 | 13:15 | 13:30 | 2.374 |
| 08.07.2020 | 13:30 | 13:45 | 2.340 |
| 08.07.2020 | 13:45 | 14:00 | 2.332 |
| 08.07.2020 | 14:00 | 14:15 | 2.329 |
| 08.07.2020 | 14:15 | 14:30 | 2.327 |
| 08.07.2020 | 14:30 | 14:45 | 2.261 |
| 08.07.2020 | 14:45 | 15:00 | 2.248 |
| 08.07.2020 | 15:00 | 15:15 | 2.260 |
| 08.07.2020 | 15:15 | 15:30 | 2.289 |
| 08.07.2020 | 15:30 | 15:45 | 2.284 |
| 08.07.2020 | 15:45 | 16:00 | 2.242 |
| 08.07.2020 | 16:00 | 16:15 | 2.234 |
| 08.07.2020 | 16:15 | 16:30 | 2.227 |
| 08.07.2020 | 16:30 | 16:45 | 2.263 |
| 08.07.2020 | 16:45 | 17:00 | 2.267 |
| 08.07.2020 | 17:00 | 17:15 | 2.259 |
| 08.07.2020 | 17:15 | 17:30 | 2.221 |
| 08.07.2020 | 17:30 | 17:45 | 2.253 |
| 08.07.2020 | 17:45 | 18:00 | 2.251 |
| 08.07.2020 | 18:00 | 18:15 | 2.265 |
| 08.07.2020 | 18:15 | 18:30 | 2.292 |
| 08.07.2020 | 18:30 | 18:45 | 2.286 |
| 08.07.2020 | 18:45 | 19:00 | 2.319 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.07.2020 | 19:00 | 19:15 | 2.289 |
| 08.07.2020 | 19:15 | 19:30 | 2.236 |
| 08.07.2020 | 19:30 | 19:45 | 2.192 |
| 08.07.2020 | 19:45 | 20:00 | 2.129 |
| 08.07.2020 | 20:00 | 20:15 | 2.037 |
| 08.07.2020 | 20:15 | 20:30 | 1.954 |
| 08.07.2020 | 20:30 | 20:45 | 1.887 |
| 08.07.2020 | 20:45 | 21:00 | 1.817 |
| 08.07.2020 | 21:00 | 21:15 | 1.774 |
| 08.07.2020 | 21:15 | 21:30 | 1.722 |
| 08.07.2020 | 21:30 | 21:45 | 1.675 |
| 08.07.2020 | 21:45 | 22:00 | 1.684 |
| 08.07.2020 | 22:00 | 22:15 | 1.667 |
| 08.07.2020 | 22:15 | 22:30 | 1.601 |
| 08.07.2020 | 22:30 | 22:45 | 1.545 |
| 08.07.2020 | 22:45 | 23:00 | 1.490 |
| 08.07.2020 | 23:00 | 23:15 | 1.424 |
| 08.07.2020 | 23:15 | 23:30 | 1.377 |
| 08.07.2020 | 23:30 | 23:45 | 1.332 |
| 08.07.2020 | 23:45 | 00:00 | 1.282 |
| 09.07.2020 | 00:00 | 00:15 | 1.237 |
| 09.07.2020 | 00:15 | 00:30 | 1.206 |
| 09.07.2020 | 00:30 | 00:45 | 1.179 |
| 09.07.2020 | 00:45 | 01:00 | 1.147 |
| 09.07.2020 | 01:00 | 01:15 | 1.124 |
| 09.07.2020 | 01:15 | 01:30 | 1.110 |
| 09.07.2020 | 01:30 | 01:45 | 1.085 |
| 09.07.2020 | 01:45 | 02:00 | 1.066 |
| 09.07.2020 | 02:00 | 02:15 | 1.038 |
| 09.07.2020 | 02:15 | 02:30 | 1.031 |
| 09.07.2020 | 02:30 | 02:45 | 1.020 |
| 09.07.2020 | 02:45 | 03:00 | 1.020 |
| 09.07.2020 | 03:00 | 03:15 | 1.021 |
| 09.07.2020 | 03:15 | 03:30 | 1.024 |
| 09.07.2020 | 03:30 | 03:45 | 1.035 |
| 09.07.2020 | 03:45 | 04:00 | 1.036 |
| 09.07.2020 | 04:00 | 04:15 | 1.056 |
| 09.07.2020 | 04:15 | 04:30 | 1.085 |
| 09.07.2020 | 04:30 | 04:45 | 1.111 |
| 09.07.2020 | 04:45 | 05:00 | 1.114 |
| 09.07.2020 | 05:00 | 05:15 | 1.167 |
| 09.07.2020 | 05:15 | 05:30 | 1.160 |
| 09.07.2020 | 05:30 | 05:45 | 1.189 |
| 09.07.2020 | 05:45 | 06:00 | 1.251 |
| 09.07.2020 | 06:00 | 06:15 | 1.342 |
| 09.07.2020 | 06:15 | 06:30 | 1.432 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.07.2020 | 06:30 | 06:45 | 1.496 |
| 09.07.2020 | 06:45 | 07:00 | 1.490 |
| 09.07.2020 | 07:00 | 07:15 | 1.572 |
| 09.07.2020 | 07:15 | 07:30 | 1.641 |
| 09.07.2020 | 07:30 | 07:45 | 1.685 |
| 09.07.2020 | 07:45 | 08:00 | 1.744 |
| 09.07.2020 | 08:00 | 08:15 | 1.803 |
| 09.07.2020 | 08:15 | 08:30 | 1.867 |
| 09.07.2020 | 08:30 | 08:45 | 1.994 |
| 09.07.2020 | 08:45 | 09:00 | 2.040 |
| 09.07.2020 | 09:00 | 09:15 | 2.064 |
| 09.07.2020 | 09:15 | 09:30 | 2.111 |
| 09.07.2020 | 09:30 | 09:45 | 2.072 |
| 09.07.2020 | 09:45 | 10:00 | 2.131 |
| 09.07.2020 | 10:00 | 10:15 | 2.184 |
| 09.07.2020 | 10:15 | 10:30 | 2.216 |
| 09.07.2020 | 10:30 | 10:45 | 2.217 |
| 09.07.2020 | 10:45 | 11:00 | 2.278 |
| 09.07.2020 | 11:00 | 11:15 | 2.329 |
| 09.07.2020 | 11:15 | 11:30 | 2.354 |
| 09.07.2020 | 11:30 | 11:45 | 2.467 |
| 09.07.2020 | 11:45 | 12:00 | 2.458 |
| 09.07.2020 | 12:00 | 12:15 | 2.397 |
| 09.07.2020 | 12:15 | 12:30 | 2.369 |
| 09.07.2020 | 12:30 | 12:45 | 2.408 |
| 09.07.2020 | 12:45 | 13:00 | 2.408 |
| 09.07.2020 | 13:00 | 13:15 | 2.438 |
| 09.07.2020 | 13:15 | 13:30 | 2.425 |
| 09.07.2020 | 13:30 | 13:45 | 2.412 |
| 09.07.2020 | 13:45 | 14:00 | 2.385 |
| 09.07.2020 | 14:00 | 14:15 | 2.393 |
| 09.07.2020 | 14:15 | 14:30 | 2.397 |
| 09.07.2020 | 14:30 | 14:45 | 2.340 |
| 09.07.2020 | 14:45 | 15:00 | 2.335 |
| 09.07.2020 | 15:00 | 15:15 | 2.344 |
| 09.07.2020 | 15:15 | 15:30 | 2.314 |
| 09.07.2020 | 15:30 | 15:45 | 2.286 |
| 09.07.2020 | 15:45 | 16:00 | 2.284 |
| 09.07.2020 | 16:00 | 16:15 | 2.272 |
| 09.07.2020 | 16:15 | 16:30 | 2.255 |
| 09.07.2020 | 16:30 | 16:45 | 2.291 |
| 09.07.2020 | 16:45 | 17:00 | 2.299 |
| 09.07.2020 | 17:00 | 17:15 | 2.273 |
| 09.07.2020 | 17:15 | 17:30 | 2.280 |
| 09.07.2020 | 17:30 | 17:45 | 2.305 |
| 09.07.2020 | 17:45 | 18:00 | 2.296 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.07.2020 | 18:00 | 18:15 | 2.247 |
| 09.07.2020 | 18:15 | 18:30 | 2.247 |
| 09.07.2020 | 18:30 | 18:45 | 2.261 |
| 09.07.2020 | 18:45 | 19:00 | 2.259 |
| 09.07.2020 | 19:00 | 19:15 | 2.234 |
| 09.07.2020 | 19:15 | 19:30 | 2.190 |
| 09.07.2020 | 19:30 | 19:45 | 2.237 |
| 09.07.2020 | 19:45 | 20:00 | 2.147 |
| 09.07.2020 | 20:00 | 20:15 | 2.069 |
| 09.07.2020 | 20:15 | 20:30 | 1.995 |
| 09.07.2020 | 20:30 | 20:45 | 1.938 |
| 09.07.2020 | 20:45 | 21:00 | 1.884 |
| 09.07.2020 | 21:00 | 21:15 | 1.812 |
| 09.07.2020 | 21:15 | 21:30 | 1.777 |
| 09.07.2020 | 21:30 | 21:45 | 1.737 |
| 09.07.2020 | 21:45 | 22:00 | 1.698 |
| 09.07.2020 | 22:00 | 22:15 | 1.675 |
| 09.07.2020 | 22:15 | 22:30 | 1.686 |
| 09.07.2020 | 22:30 | 22:45 | 1.635 |
| 09.07.2020 | 22:45 | 23:00 | 1.567 |
| 09.07.2020 | 23:00 | 23:15 | 1.479 |
| 09.07.2020 | 23:15 | 23:30 | 1.417 |
| 09.07.2020 | 23:30 | 23:45 | 1.366 |
| 09.07.2020 | 23:45 | 00:00 | 1.317 |
| 10.07.2020 | 00:00 | 00:15 | 1.258 |
| 10.07.2020 | 00:15 | 00:30 | 1.237 |
| 10.07.2020 | 00:30 | 00:45 | 1.192 |
| 10.07.2020 | 00:45 | 01:00 | 1.157 |
| 10.07.2020 | 01:00 | 01:15 | 1.127 |
| 10.07.2020 | 01:15 | 01:30 | 1.125 |
| 10.07.2020 | 01:30 | 01:45 | 1.109 |
| 10.07.2020 | 01:45 | 02:00 | 1.091 |
| 10.07.2020 | 02:00 | 02:15 | 1.076 |
| 10.07.2020 | 02:15 | 02:30 | 1.055 |
| 10.07.2020 | 02:30 | 02:45 | 1.043 |
| 10.07.2020 | 02:45 | 03:00 | 1.030 |
| 10.07.2020 | 03:00 | 03:15 | 1.017 |
| 10.07.2020 | 03:15 | 03:30 | 1.024 |
| 10.07.2020 | 03:30 | 03:45 | 1.027 |
| 10.07.2020 | 03:45 | 04:00 | 1.031 |
| 10.07.2020 | 04:00 | 04:15 | 1.056 |
| 10.07.2020 | 04:15 | 04:30 | 1.075 |
| 10.07.2020 | 04:30 | 04:45 | 1.092 |
| 10.07.2020 | 04:45 | 05:00 | 1.117 |
| 10.07.2020 | 05:00 | 05:15 | 1.128 |
| 10.07.2020 | 05:15 | 05:30 | 1.158 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.07.2020 | 05:30 | 05:45 | 1.184 |
| 10.07.2020 | 05:45 | 06:00 | 1.234 |
| 10.07.2020 | 06:00 | 06:15 | 1.318 |
| 10.07.2020 | 06:15 | 06:30 | 1.404 |
| 10.07.2020 | 06:30 | 06:45 | 1.457 |
| 10.07.2020 | 06:45 | 07:00 | 1.535 |
| 10.07.2020 | 07:00 | 07:15 | 1.594 |
| 10.07.2020 | 07:15 | 07:30 | 1.663 |
| 10.07.2020 | 07:30 | 07:45 | 1.711 |
| 10.07.2020 | 07:45 | 08:00 | 1.764 |
| 10.07.2020 | 08:00 | 08:15 | 1.813 |
| 10.07.2020 | 08:15 | 08:30 | 1.854 |
| 10.07.2020 | 08:30 | 08:45 | 1.907 |
| 10.07.2020 | 08:45 | 09:00 | 1.961 |
| 10.07.2020 | 09:00 | 09:15 | 2.015 |
| 10.07.2020 | 09:15 | 09:30 | 1.982 |
| 10.07.2020 | 09:30 | 09:45 | 2.032 |
| 10.07.2020 | 09:45 | 10:00 | 2.105 |
| 10.07.2020 | 10:00 | 10:15 | 2.145 |
| 10.07.2020 | 10:15 | 10:30 | 2.166 |
| 10.07.2020 | 10:30 | 10:45 | 2.249 |
| 10.07.2020 | 10:45 | 11:00 | 2.306 |
| 10.07.2020 | 11:00 | 11:15 | 2.334 |
| 10.07.2020 | 11:15 | 11:30 | 2.333 |
| 10.07.2020 | 11:30 | 11:45 | 2.356 |
| 10.07.2020 | 11:45 | 12:00 | 2.344 |
| 10.07.2020 | 12:00 | 12:15 | 2.334 |
| 10.07.2020 | 12:15 | 12:30 | 2.381 |
| 10.07.2020 | 12:30 | 12:45 | 2.339 |
| 10.07.2020 | 12:45 | 13:00 | 2.369 |
| 10.07.2020 | 13:00 | 13:15 | 2.427 |
| 10.07.2020 | 13:15 | 13:30 | 2.435 |
| 10.07.2020 | 13:30 | 13:45 | 2.402 |
| 10.07.2020 | 13:45 | 14:00 | 2.372 |
| 10.07.2020 | 14:00 | 14:15 | 2.332 |
| 10.07.2020 | 14:15 | 14:30 | 2.338 |
| 10.07.2020 | 14:30 | 14:45 | 2.332 |
| 10.07.2020 | 14:45 | 15:00 | 2.300 |
| 10.07.2020 | 15:00 | 15:15 | 2.249 |
| 10.07.2020 | 15:15 | 15:30 | 2.230 |
| 10.07.2020 | 15:30 | 15:45 | 2.175 |
| 10.07.2020 | 15:45 | 16:00 | 2.192 |
| 10.07.2020 | 16:00 | 16:15 | 2.160 |
| 10.07.2020 | 16:15 | 16:30 | 2.176 |
| 10.07.2020 | 16:30 | 16:45 | 2.170 |
| 10.07.2020 | 16:45 | 17:00 | 2.169 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.07.2020 | 17:00 | 17:15 | 2.203 |
| 10.07.2020 | 17:15 | 17:30 | 2.193 |
| 10.07.2020 | 17:30 | 17:45 | 2.170 |
| 10.07.2020 | 17:45 | 18:00 | 2.174 |
| 10.07.2020 | 18:00 | 18:15 | 2.134 |
| 10.07.2020 | 18:15 | 18:30 | 2.100 |
| 10.07.2020 | 18:30 | 18:45 | 2.071 |
| 10.07.2020 | 18:45 | 19:00 | 2.013 |
| 10.07.2020 | 19:00 | 19:15 | 1.994 |
| 10.07.2020 | 19:15 | 19:30 | 1.990 |
| 10.07.2020 | 19:30 | 19:45 | 1.933 |
| 10.07.2020 | 19:45 | 20:00 | 1.864 |
| 10.07.2020 | 20:00 | 20:15 | 1.792 |
| 10.07.2020 | 20:15 | 20:30 | 1.744 |
| 10.07.2020 | 20:30 | 20:45 | 1.707 |
| 10.07.2020 | 20:45 | 21:00 | 1.641 |
| 10.07.2020 | 21:00 | 21:15 | 1.605 |
| 10.07.2020 | 21:15 | 21:30 | 1.565 |
| 10.07.2020 | 21:30 | 21:45 | 1.535 |
| 10.07.2020 | 21:45 | 22:00 | 1.520 |
| 10.07.2020 | 22:00 | 22:15 | 1.500 |
| 10.07.2020 | 22:15 | 22:30 | 1.516 |
| 10.07.2020 | 22:30 | 22:45 | 1.475 |
| 10.07.2020 | 22:45 | 23:00 | 1.432 |
| 10.07.2020 | 23:00 | 23:15 | 1.369 |
| 10.07.2020 | 23:15 | 23:30 | 1.315 |
| 10.07.2020 | 23:30 | 23:45 | 1.275 |
| 10.07.2020 | 23:45 | 00:00 | 1.237 |
| 11.07.2020 | 00:00 | 00:15 | 1.195 |
| 11.07.2020 | 00:15 | 00:30 | 1.155 |
| 11.07.2020 | 00:30 | 00:45 | 1.127 |
| 11.07.2020 | 00:45 | 01:00 | 1.086 |
| 11.07.2020 | 01:00 | 01:15 | 1.063 |
| 11.07.2020 | 01:15 | 01:30 | 1.037 |
| 11.07.2020 | 01:30 | 01:45 | 1.015 |
| 11.07.2020 | 01:45 | 02:00 | 1.003 |
| 11.07.2020 | 02:00 | 02:15 | 985 |
| 11.07.2020 | 02:15 | 02:30 | 973 |
| 11.07.2020 | 02:30 | 02:45 | 963 |
| 11.07.2020 | 02:45 | 03:00 | 954 |
| 11.07.2020 | 03:00 | 03:15 | 944 |
| 11.07.2020 | 03:15 | 03:30 | 932 |
| 11.07.2020 | 03:30 | 03:45 | 932 |
| 11.07.2020 | 03:45 | 04:00 | 932 |
| 11.07.2020 | 04:00 | 04:15 | 935 |
| 11.07.2020 | 04:15 | 04:30 | 942 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.07.2020 | 04:30 | 04:45 | 953 |
| 11.07.2020 | 04:45 | 05:00 | 961 |
| 11.07.2020 | 05:00 | 05:15 | 936 |
| 11.07.2020 | 05:15 | 05:30 | 925 |
| 11.07.2020 | 05:30 | 05:45 | 934 |
| 11.07.2020 | 05:45 | 06:00 | 947 |
| 11.07.2020 | 06:00 | 06:15 | 945 |
| 11.07.2020 | 06:15 | 06:30 | 965 |
| 11.07.2020 | 06:30 | 06:45 | 982 |
| 11.07.2020 | 06:45 | 07:00 | 997 |
| 11.07.2020 | 07:00 | 07:15 | 1.033 |
| 11.07.2020 | 07:15 | 07:30 | 1.081 |
| 11.07.2020 | 07:30 | 07:45 | 1.138 |
| 11.07.2020 | 07:45 | 08:00 | 1.182 |
| 11.07.2020 | 08:00 | 08:15 | 1.232 |
| 11.07.2020 | 08:15 | 08:30 | 1.321 |
| 11.07.2020 | 08:30 | 08:45 | 1.372 |
| 11.07.2020 | 08:45 | 09:00 | 1.452 |
| 11.07.2020 | 09:00 | 09:15 | 1.503 |
| 11.07.2020 | 09:15 | 09:30 | 1.567 |
| 11.07.2020 | 09:30 | 09:45 | 1.610 |
| 11.07.2020 | 09:45 | 10:00 | 1.632 |
| 11.07.2020 | 10:00 | 10:15 | 1.683 |
| 11.07.2020 | 10:15 | 10:30 | 1.674 |
| 11.07.2020 | 10:30 | 10:45 | 1.725 |
| 11.07.2020 | 10:45 | 11:00 | 1.733 |
| 11.07.2020 | 11:00 | 11:15 | 1.733 |
| 11.07.2020 | 11:15 | 11:30 | 1.762 |
| 11.07.2020 | 11:30 | 11:45 | 1.829 |
| 11.07.2020 | 11:45 | 12:00 | 1.793 |
| 11.07.2020 | 12:00 | 12:15 | 1.775 |
| 11.07.2020 | 12:15 | 12:30 | 1.802 |
| 11.07.2020 | 12:30 | 12:45 | 1.806 |
| 11.07.2020 | 12:45 | 13:00 | 1.777 |
| 11.07.2020 | 13:00 | 13:15 | 1.775 |
| 11.07.2020 | 13:15 | 13:30 | 1.823 |
| 11.07.2020 | 13:30 | 13:45 | 1.810 |
| 11.07.2020 | 13:45 | 14:00 | 1.803 |
| 11.07.2020 | 14:00 | 14:15 | 1.748 |
| 11.07.2020 | 14:15 | 14:30 | 1.715 |
| 11.07.2020 | 14:30 | 14:45 | 1.696 |
| 11.07.2020 | 14:45 | 15:00 | 1.711 |
| 11.07.2020 | 15:00 | 15:15 | 1.732 |
| 11.07.2020 | 15:15 | 15:30 | 1.724 |
| 11.07.2020 | 15:30 | 15:45 | 1.709 |
| 11.07.2020 | 15:45 | 16:00 | 1.688 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.07.2020 | 16:00 | 16:15 | 1.674 |
| 11.07.2020 | 16:15 | 16:30 | 1.697 |
| 11.07.2020 | 16:30 | 16:45 | 1.733 |
| 11.07.2020 | 16:45 | 17:00 | 1.702 |
| 11.07.2020 | 17:00 | 17:15 | 1.704 |
| 11.07.2020 | 17:15 | 17:30 | 1.687 |
| 11.07.2020 | 17:30 | 17:45 | 1.720 |
| 11.07.2020 | 17:45 | 18:00 | 1.738 |
| 11.07.2020 | 18:00 | 18:15 | 1.743 |
| 11.07.2020 | 18:15 | 18:30 | 1.742 |
| 11.07.2020 | 18:30 | 18:45 | 1.712 |
| 11.07.2020 | 18:45 | 19:00 | 1.682 |
| 11.07.2020 | 19:00 | 19:15 | 1.671 |
| 11.07.2020 | 19:15 | 19:30 | 1.636 |
| 11.07.2020 | 19:30 | 19:45 | 1.626 |
| 11.07.2020 | 19:45 | 20:00 | 1.586 |
| 11.07.2020 | 20:00 | 20:15 | 1.576 |
| 11.07.2020 | 20:15 | 20:30 | 1.512 |
| 11.07.2020 | 20:30 | 20:45 | 1.447 |
| 11.07.2020 | 20:45 | 21:00 | 1.414 |
| 11.07.2020 | 21:00 | 21:15 | 1.396 |
| 11.07.2020 | 21:15 | 21:30 | 1.367 |
| 11.07.2020 | 21:30 | 21:45 | 1.357 |
| 11.07.2020 | 21:45 | 22:00 | 1.385 |
| 11.07.2020 | 22:00 | 22:15 | 1.389 |
| 11.07.2020 | 22:15 | 22:30 | 1.393 |
| 11.07.2020 | 22:30 | 22:45 | 1.359 |
| 11.07.2020 | 22:45 | 23:00 | 1.335 |
| 11.07.2020 | 23:00 | 23:15 | 1.281 |
| 11.07.2020 | 23:15 | 23:30 | 1.257 |
| 11.07.2020 | 23:30 | 23:45 | 1.218 |
| 11.07.2020 | 23:45 | 00:00 | 1.177 |
| 12.07.2020 | 00:00 | 00:15 | 1.140 |
| 12.07.2020 | 00:15 | 00:30 | 1.112 |
| 12.07.2020 | 00:30 | 00:45 | 1.082 |
| 12.07.2020 | 00:45 | 01:00 | 1.058 |
| 12.07.2020 | 01:00 | 01:15 | 1.036 |
| 12.07.2020 | 01:15 | 01:30 | 995 |
| 12.07.2020 | 01:30 | 01:45 | 972 |
| 12.07.2020 | 01:45 | 02:00 | 980 |
| 12.07.2020 | 02:00 | 02:15 | 967 |
| 12.07.2020 | 02:15 | 02:30 | 948 |
| 12.07.2020 | 02:30 | 02:45 | 927 |
| 12.07.2020 | 02:45 | 03:00 | 919 |
| 12.07.2020 | 03:00 | 03:15 | 913 |
| 12.07.2020 | 03:15 | 03:30 | 914 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.07.2020 | 03:30 | 03:45 | 912 |
| 12.07.2020 | 03:45 | 04:00 | 906 |
| 12.07.2020 | 04:00 | 04:15 | 905 |
| 12.07.2020 | 04:15 | 04:30 | 910 |
| 12.07.2020 | 04:30 | 04:45 | 906 |
| 12.07.2020 | 04:45 | 05:00 | 909 |
| 12.07.2020 | 05:00 | 05:15 | 886 |
| 12.07.2020 | 05:15 | 05:30 | 873 |
| 12.07.2020 | 05:30 | 05:45 | 874 |
| 12.07.2020 | 05:45 | 06:00 | 880 |
| 12.07.2020 | 06:00 | 06:15 | 890 |
| 12.07.2020 | 06:15 | 06:30 | 899 |
| 12.07.2020 | 06:30 | 06:45 | 914 |
| 12.07.2020 | 06:45 | 07:00 | 934 |
| 12.07.2020 | 07:00 | 07:15 | 942 |
| 12.07.2020 | 07:15 | 07:30 | 977 |
| 12.07.2020 | 07:30 | 07:45 | 1.011 |
| 12.07.2020 | 07:45 | 08:00 | 1.050 |
| 12.07.2020 | 08:00 | 08:15 | 1.090 |
| 12.07.2020 | 08:15 | 08:30 | 1.129 |
| 12.07.2020 | 08:30 | 08:45 | 1.173 |
| 12.07.2020 | 08:45 | 09:00 | 1.220 |
| 12.07.2020 | 09:00 | 09:15 | 1.300 |
| 12.07.2020 | 09:15 | 09:30 | 1.345 |
| 12.07.2020 | 09:30 | 09:45 | 1.373 |
| 12.07.2020 | 09:45 | 10:00 | 1.421 |
| 12.07.2020 | 10:00 | 10:15 | 1.451 |
| 12.07.2020 | 10:15 | 10:30 | 1.504 |
| 12.07.2020 | 10:30 | 10:45 | 1.570 |
| 12.07.2020 | 10:45 | 11:00 | 1.597 |
| 12.07.2020 | 11:00 | 11:15 | 1.633 |
| 12.07.2020 | 11:15 | 11:30 | 1.664 |
| 12.07.2020 | 11:30 | 11:45 | 1.708 |
| 12.07.2020 | 11:45 | 12:00 | 1.731 |
| 12.07.2020 | 12:00 | 12:15 | 1.686 |
| 12.07.2020 | 12:15 | 12:30 | 1.704 |
| 12.07.2020 | 12:30 | 12:45 | 1.724 |
| 12.07.2020 | 12:45 | 13:00 | 1.675 |
| 12.07.2020 | 13:00 | 13:15 | 1.658 |
| 12.07.2020 | 13:15 | 13:30 | 1.653 |
| 12.07.2020 | 13:30 | 13:45 | 1.620 |
| 12.07.2020 | 13:45 | 14:00 | 1.568 |
| 12.07.2020 | 14:00 | 14:15 | 1.608 |
| 12.07.2020 | 14:15 | 14:30 | 1.572 |
| 12.07.2020 | 14:30 | 14:45 | 1.541 |
| 12.07.2020 | 14:45 | 15:00 | 1.516 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.07.2020 | 15:00 | 15:15 | 1.473 |
| 12.07.2020 | 15:15 | 15:30 | 1.469 |
| 12.07.2020 | 15:30 | 15:45 | 1.455 |
| 12.07.2020 | 15:45 | 16:00 | 1.445 |
| 12.07.2020 | 16:00 | 16:15 | 1.411 |
| 12.07.2020 | 16:15 | 16:30 | 1.354 |
| 12.07.2020 | 16:30 | 16:45 | 1.386 |
| 12.07.2020 | 16:45 | 17:00 | 1.370 |
| 12.07.2020 | 17:00 | 17:15 | 1.375 |
| 12.07.2020 | 17:15 | 17:30 | 1.444 |
| 12.07.2020 | 17:30 | 17:45 | 1.492 |
| 12.07.2020 | 17:45 | 18:00 | 1.479 |
| 12.07.2020 | 18:00 | 18:15 | 1.509 |
| 12.07.2020 | 18:15 | 18:30 | 1.527 |
| 12.07.2020 | 18:30 | 18:45 | 1.529 |
| 12.07.2020 | 18:45 | 19:00 | 1.551 |
| 12.07.2020 | 19:00 | 19:15 | 1.553 |
| 12.07.2020 | 19:15 | 19:30 | 1.560 |
| 12.07.2020 | 19:30 | 19:45 | 1.532 |
| 12.07.2020 | 19:45 | 20:00 | 1.501 |
| 12.07.2020 | 20:00 | 20:15 | 1.489 |
| 12.07.2020 | 20:15 | 20:30 | 1.466 |
| 12.07.2020 | 20:30 | 20:45 | 1.459 |
| 12.07.2020 | 20:45 | 21:00 | 1.455 |
| 12.07.2020 | 21:00 | 21:15 | 1.444 |
| 12.07.2020 | 21:15 | 21:30 | 1.419 |
| 12.07.2020 | 21:30 | 21:45 | 1.418 |
| 12.07.2020 | 21:45 | 22:00 | 1.434 |
| 12.07.2020 | 22:00 | 22:15 | 1.441 |
| 12.07.2020 | 22:15 | 22:30 | 1.476 |
| 12.07.2020 | 22:30 | 22:45 | 1.436 |
| 12.07.2020 | 22:45 | 23:00 | 1.359 |
| 12.07.2020 | 23:00 | 23:15 | 1.327 |
| 12.07.2020 | 23:15 | 23:30 | 1.282 |
| 12.07.2020 | 23:30 | 23:45 | 1.229 |
| 12.07.2020 | 23:45 | 00:00 | 1.174 |
| 13.07.2020 | 00:00 | 00:15 | 1.144 |
| 13.07.2020 | 00:15 | 00:30 | 1.123 |
| 13.07.2020 | 00:30 | 00:45 | 1.103 |
| 13.07.2020 | 00:45 | 01:00 | 1.071 |
| 13.07.2020 | 01:00 | 01:15 | 1.059 |
| 13.07.2020 | 01:15 | 01:30 | 1.040 |
| 13.07.2020 | 01:30 | 01:45 | 1.023 |
| 13.07.2020 | 01:45 | 02:00 | 1.008 |
| 13.07.2020 | 02:00 | 02:15 | 997 |
| 13.07.2020 | 02:15 | 02:30 | 984 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.07.2020 | 02:30 | 02:45 | 942 |
| 13.07.2020 | 02:45 | 03:00 | 899 |
| 13.07.2020 | 03:00 | 03:15 | 895 |
| 13.07.2020 | 03:15 | 03:30 | 889 |
| 13.07.2020 | 03:30 | 03:45 | 897 |
| 13.07.2020 | 03:45 | 04:00 | 900 |
| 13.07.2020 | 04:00 | 04:15 | 923 |
| 13.07.2020 | 04:15 | 04:30 | 942 |
| 13.07.2020 | 04:30 | 04:45 | 970 |
| 13.07.2020 | 04:45 | 05:00 | 990 |
| 13.07.2020 | 05:00 | 05:15 | 997 |
| 13.07.2020 | 05:15 | 05:30 | 989 |
| 13.07.2020 | 05:30 | 05:45 | 1.021 |
| 13.07.2020 | 05:45 | 06:00 | 1.068 |
| 13.07.2020 | 06:00 | 06:15 | 1.174 |
| 13.07.2020 | 06:15 | 06:30 | 1.243 |
| 13.07.2020 | 06:30 | 06:45 | 1.286 |
| 13.07.2020 | 06:45 | 07:00 | 1.364 |
| 13.07.2020 | 07:00 | 07:15 | 1.447 |
| 13.07.2020 | 07:15 | 07:30 | 1.511 |
| 13.07.2020 | 07:30 | 07:45 | 1.560 |
| 13.07.2020 | 07:45 | 08:00 | 1.614 |
| 13.07.2020 | 08:00 | 08:15 | 1.652 |
| 13.07.2020 | 08:15 | 08:30 | 1.707 |
| 13.07.2020 | 08:30 | 08:45 | 1.760 |
| 13.07.2020 | 08:45 | 09:00 | 1.816 |
| 13.07.2020 | 09:00 | 09:15 | 1.828 |
| 13.07.2020 | 09:15 | 09:30 | 1.853 |
| 13.07.2020 | 09:30 | 09:45 | 1.913 |
| 13.07.2020 | 09:45 | 10:00 | 1.959 |
| 13.07.2020 | 10:00 | 10:15 | 1.984 |
| 13.07.2020 | 10:15 | 10:30 | 2.006 |
| 13.07.2020 | 10:30 | 10:45 | 2.028 |
| 13.07.2020 | 10:45 | 11:00 | 2.073 |
| 13.07.2020 | 11:00 | 11:15 | 2.087 |
| 13.07.2020 | 11:15 | 11:30 | 2.112 |
| 13.07.2020 | 11:30 | 11:45 | 2.155 |
| 13.07.2020 | 11:45 | 12:00 | 2.172 |
| 13.07.2020 | 12:00 | 12:15 | 2.198 |
| 13.07.2020 | 12:15 | 12:30 | 2.188 |
| 13.07.2020 | 12:30 | 12:45 | 2.228 |
| 13.07.2020 | 12:45 | 13:00 | 2.243 |
| 13.07.2020 | 13:00 | 13:15 | 2.160 |
| 13.07.2020 | 13:15 | 13:30 | 2.189 |
| 13.07.2020 | 13:30 | 13:45 | 2.139 |
| 13.07.2020 | 13:45 | 14:00 | 2.088 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.07.2020 | 14:00 | 14:15 | 2.057 |
| 13.07.2020 | 14:15 | 14:30 | 2.067 |
| 13.07.2020 | 14:30 | 14:45 | 2.044 |
| 13.07.2020 | 14:45 | 15:00 | 2.024 |
| 13.07.2020 | 15:00 | 15:15 | 2.041 |
| 13.07.2020 | 15:15 | 15:30 | 2.009 |
| 13.07.2020 | 15:30 | 15:45 | 1.987 |
| 13.07.2020 | 15:45 | 16:00 | 1.990 |
| 13.07.2020 | 16:00 | 16:15 | 2.007 |
| 13.07.2020 | 16:15 | 16:30 | 2.038 |
| 13.07.2020 | 16:30 | 16:45 | 2.030 |
| 13.07.2020 | 16:45 | 17:00 | 2.038 |
| 13.07.2020 | 17:00 | 17:15 | 2.025 |
| 13.07.2020 | 17:15 | 17:30 | 2.028 |
| 13.07.2020 | 17:30 | 17:45 | 2.021 |
| 13.07.2020 | 17:45 | 18:00 | 2.067 |
| 13.07.2020 | 18:00 | 18:15 | 2.025 |
| 13.07.2020 | 18:15 | 18:30 | 2.061 |
| 13.07.2020 | 18:30 | 18:45 | 2.086 |
| 13.07.2020 | 18:45 | 19:00 | 2.093 |
| 13.07.2020 | 19:00 | 19:15 | 2.077 |
| 13.07.2020 | 19:15 | 19:30 | 2.073 |
| 13.07.2020 | 19:30 | 19:45 | 2.046 |
| 13.07.2020 | 19:45 | 20:00 | 1.984 |
| 13.07.2020 | 20:00 | 20:15 | 1.923 |
| 13.07.2020 | 20:15 | 20:30 | 1.867 |
| 13.07.2020 | 20:30 | 20:45 | 1.816 |
| 13.07.2020 | 20:45 | 21:00 | 1.753 |
| 13.07.2020 | 21:00 | 21:15 | 1.697 |
| 13.07.2020 | 21:15 | 21:30 | 1.699 |
| 13.07.2020 | 21:30 | 21:45 | 1.692 |
| 13.07.2020 | 21:45 | 22:00 | 1.683 |
| 13.07.2020 | 22:00 | 22:15 | 1.636 |
| 13.07.2020 | 22:15 | 22:30 | 1.667 |
| 13.07.2020 | 22:30 | 22:45 | 1.615 |
| 13.07.2020 | 22:45 | 23:00 | 1.557 |
| 13.07.2020 | 23:00 | 23:15 | 1.482 |
| 13.07.2020 | 23:15 | 23:30 | 1.424 |
| 13.07.2020 | 23:30 | 23:45 | 1.359 |
| 13.07.2020 | 23:45 | 00:00 | 1.307 |
| 14.07.2020 | 00:00 | 00:15 | 1.259 |
| 14.07.2020 | 00:15 | 00:30 | 1.227 |
| 14.07.2020 | 00:30 | 00:45 | 1.189 |
| 14.07.2020 | 00:45 | 01:00 | 1.169 |
| 14.07.2020 | 01:00 | 01:15 | 1.141 |
| 14.07.2020 | 01:15 | 01:30 | 1.127 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.07.2020 | 01:30 | 01:45 | 1.129 |
| 14.07.2020 | 01:45 | 02:00 | 1.116 |
| 14.07.2020 | 02:00 | 02:15 | 1.111 |
| 14.07.2020 | 02:15 | 02:30 | 1.095 |
| 14.07.2020 | 02:30 | 02:45 | 1.087 |
| 14.07.2020 | 02:45 | 03:00 | 1.082 |
| 14.07.2020 | 03:00 | 03:15 | 1.076 |
| 14.07.2020 | 03:15 | 03:30 | 1.076 |
| 14.07.2020 | 03:30 | 03:45 | 1.079 |
| 14.07.2020 | 03:45 | 04:00 | 1.082 |
| 14.07.2020 | 04:00 | 04:15 | 1.105 |
| 14.07.2020 | 04:15 | 04:30 | 1.121 |
| 14.07.2020 | 04:30 | 04:45 | 1.139 |
| 14.07.2020 | 04:45 | 05:00 | 1.152 |
| 14.07.2020 | 05:00 | 05:15 | 1.163 |
| 14.07.2020 | 05:15 | 05:30 | 1.173 |
| 14.07.2020 | 05:30 | 05:45 | 1.213 |
| 14.07.2020 | 05:45 | 06:00 | 1.265 |
| 14.07.2020 | 06:00 | 06:15 | 1.341 |
| 14.07.2020 | 06:15 | 06:30 | 1.455 |
| 14.07.2020 | 06:30 | 06:45 | 1.490 |
| 14.07.2020 | 06:45 | 07:00 | 1.547 |
| 14.07.2020 | 07:00 | 07:15 | 1.604 |
| 14.07.2020 | 07:15 | 07:30 | 1.640 |
| 14.07.2020 | 07:30 | 07:45 | 1.676 |
| 14.07.2020 | 07:45 | 08:00 | 1.717 |
| 14.07.2020 | 08:00 | 08:15 | 1.803 |
| 14.07.2020 | 08:15 | 08:30 | 1.845 |
| 14.07.2020 | 08:30 | 08:45 | 1.964 |
| 14.07.2020 | 08:45 | 09:00 | 2.047 |
| 14.07.2020 | 09:00 | 09:15 | 2.078 |
| 14.07.2020 | 09:15 | 09:30 | 2.138 |
| 14.07.2020 | 09:30 | 09:45 | 2.212 |
| 14.07.2020 | 09:45 | 10:00 | 2.252 |
| 14.07.2020 | 10:00 | 10:15 | 2.260 |
| 14.07.2020 | 10:15 | 10:30 | 2.267 |
| 14.07.2020 | 10:30 | 10:45 | 2.306 |
| 14.07.2020 | 10:45 | 11:00 | 2.355 |
| 14.07.2020 | 11:00 | 11:15 | 2.345 |
| 14.07.2020 | 11:15 | 11:30 | 2.362 |
| 14.07.2020 | 11:30 | 11:45 | 2.362 |
| 14.07.2020 | 11:45 | 12:00 | 2.337 |
| 14.07.2020 | 12:00 | 12:15 | 2.336 |
| 14.07.2020 | 12:15 | 12:30 | 2.365 |
| 14.07.2020 | 12:30 | 12:45 | 2.344 |
| 14.07.2020 | 12:45 | 13:00 | 2.305 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.07.2020 | 13:00 | 13:15 | 2.279 |
| 14.07.2020 | 13:15 | 13:30 | 2.299 |
| 14.07.2020 | 13:30 | 13:45 | 2.260 |
| 14.07.2020 | 13:45 | 14:00 | 2.249 |
| 14.07.2020 | 14:00 | 14:15 | 2.206 |
| 14.07.2020 | 14:15 | 14:30 | 2.206 |
| 14.07.2020 | 14:30 | 14:45 | 2.176 |
| 14.07.2020 | 14:45 | 15:00 | 2.181 |
| 14.07.2020 | 15:00 | 15:15 | 2.159 |
| 14.07.2020 | 15:15 | 15:30 | 2.161 |
| 14.07.2020 | 15:30 | 15:45 | 2.151 |
| 14.07.2020 | 15:45 | 16:00 | 2.137 |
| 14.07.2020 | 16:00 | 16:15 | 2.135 |
| 14.07.2020 | 16:15 | 16:30 | 2.184 |
| 14.07.2020 | 16:30 | 16:45 | 2.169 |
| 14.07.2020 | 16:45 | 17:00 | 2.141 |
| 14.07.2020 | 17:00 | 17:15 | 2.067 |
| 14.07.2020 | 17:15 | 17:30 | 2.071 |
| 14.07.2020 | 17:30 | 17:45 | 2.053 |
| 14.07.2020 | 17:45 | 18:00 | 2.120 |
| 14.07.2020 | 18:00 | 18:15 | 2.129 |
| 14.07.2020 | 18:15 | 18:30 | 2.167 |
| 14.07.2020 | 18:30 | 18:45 | 2.219 |
| 14.07.2020 | 18:45 | 19:00 | 2.204 |
| 14.07.2020 | 19:00 | 19:15 | 2.186 |
| 14.07.2020 | 19:15 | 19:30 | 2.128 |
| 14.07.2020 | 19:30 | 19:45 | 2.090 |
| 14.07.2020 | 19:45 | 20:00 | 2.030 |
| 14.07.2020 | 20:00 | 20:15 | 1.961 |
| 14.07.2020 | 20:15 | 20:30 | 1.906 |
| 14.07.2020 | 20:30 | 20:45 | 1.867 |
| 14.07.2020 | 20:45 | 21:00 | 1.813 |
| 14.07.2020 | 21:00 | 21:15 | 1.750 |
| 14.07.2020 | 21:15 | 21:30 | 1.684 |
| 14.07.2020 | 21:30 | 21:45 | 1.675 |
| 14.07.2020 | 21:45 | 22:00 | 1.640 |
| 14.07.2020 | 22:00 | 22:15 | 1.637 |
| 14.07.2020 | 22:15 | 22:30 | 1.639 |
| 14.07.2020 | 22:30 | 22:45 | 1.577 |
| 14.07.2020 | 22:45 | 23:00 | 1.516 |
| 14.07.2020 | 23:00 | 23:15 | 1.444 |
| 14.07.2020 | 23:15 | 23:30 | 1.397 |
| 14.07.2020 | 23:30 | 23:45 | 1.334 |
| 14.07.2020 | 23:45 | 00:00 | 1.287 |
| 15.07.2020 | 00:00 | 00:15 | 1.243 |
| 15.07.2020 | 00:15 | 00:30 | 1.214 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.07.2020 | 00:30 | 00:45 | 1.212 |
| 15.07.2020 | 00:45 | 01:00 | 1.206 |
| 15.07.2020 | 01:00 | 01:15 | 1.164 |
| 15.07.2020 | 01:15 | 01:30 | 1.157 |
| 15.07.2020 | 01:30 | 01:45 | 1.146 |
| 15.07.2020 | 01:45 | 02:00 | 1.139 |
| 15.07.2020 | 02:00 | 02:15 | 1.117 |
| 15.07.2020 | 02:15 | 02:30 | 1.101 |
| 15.07.2020 | 02:30 | 02:45 | 1.094 |
| 15.07.2020 | 02:45 | 03:00 | 1.076 |
| 15.07.2020 | 03:00 | 03:15 | 1.060 |
| 15.07.2020 | 03:15 | 03:30 | 1.039 |
| 15.07.2020 | 03:30 | 03:45 | 1.052 |
| 15.07.2020 | 03:45 | 04:00 | 1.064 |
| 15.07.2020 | 04:00 | 04:15 | 1.091 |
| 15.07.2020 | 04:15 | 04:30 | 1.113 |
| 15.07.2020 | 04:30 | 04:45 | 1.128 |
| 15.07.2020 | 04:45 | 05:00 | 1.151 |
| 15.07.2020 | 05:00 | 05:15 | 1.194 |
| 15.07.2020 | 05:15 | 05:30 | 1.198 |
| 15.07.2020 | 05:30 | 05:45 | 1.237 |
| 15.07.2020 | 05:45 | 06:00 | 1.293 |
| 15.07.2020 | 06:00 | 06:15 | 1.392 |
| 15.07.2020 | 06:15 | 06:30 | 1.501 |
| 15.07.2020 | 06:30 | 06:45 | 1.562 |
| 15.07.2020 | 06:45 | 07:00 | 1.627 |
| 15.07.2020 | 07:00 | 07:15 | 1.705 |
| 15.07.2020 | 07:15 | 07:30 | 1.738 |
| 15.07.2020 | 07:30 | 07:45 | 1.772 |
| 15.07.2020 | 07:45 | 08:00 | 1.804 |
| 15.07.2020 | 08:00 | 08:15 | 1.878 |
| 15.07.2020 | 08:15 | 08:30 | 1.932 |
| 15.07.2020 | 08:30 | 08:45 | 1.997 |
| 15.07.2020 | 08:45 | 09:00 | 2.032 |
| 15.07.2020 | 09:00 | 09:15 | 2.073 |
| 15.07.2020 | 09:15 | 09:30 | 2.089 |
| 15.07.2020 | 09:30 | 09:45 | 2.139 |
| 15.07.2020 | 09:45 | 10:00 | 2.183 |
| 15.07.2020 | 10:00 | 10:15 | 2.206 |
| 15.07.2020 | 10:15 | 10:30 | 2.275 |
| 15.07.2020 | 10:30 | 10:45 | 2.289 |
| 15.07.2020 | 10:45 | 11:00 | 2.361 |
| 15.07.2020 | 11:00 | 11:15 | 2.389 |
| 15.07.2020 | 11:15 | 11:30 | 2.386 |
| 15.07.2020 | 11:30 | 11:45 | 2.425 |
| 15.07.2020 | 11:45 | 12:00 | 2.467 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.07.2020 | 12:00 | 12:15 | 2.487 |
| 15.07.2020 | 12:15 | 12:30 | 2.481 |
| 15.07.2020 | 12:30 | 12:45 | 2.463 |
| 15.07.2020 | 12:45 | 13:00 | 2.474 |
| 15.07.2020 | 13:00 | 13:15 | 2.449 |
| 15.07.2020 | 13:15 | 13:30 | 2.375 |
| 15.07.2020 | 13:30 | 13:45 | 2.336 |
| 15.07.2020 | 13:45 | 14:00 | 2.300 |
| 15.07.2020 | 14:00 | 14:15 | 2.272 |
| 15.07.2020 | 14:15 | 14:30 | 2.260 |
| 15.07.2020 | 14:30 | 14:45 | 2.240 |
| 15.07.2020 | 14:45 | 15:00 | 2.223 |
| 15.07.2020 | 15:00 | 15:15 | 2.199 |
| 15.07.2020 | 15:15 | 15:30 | 2.173 |
| 15.07.2020 | 15:30 | 15:45 | 2.176 |
| 15.07.2020 | 15:45 | 16:00 | 2.129 |
| 15.07.2020 | 16:00 | 16:15 | 2.174 |
| 15.07.2020 | 16:15 | 16:30 | 2.063 |
| 15.07.2020 | 16:30 | 16:45 | 2.051 |
| 15.07.2020 | 16:45 | 17:00 | 2.060 |
| 15.07.2020 | 17:00 | 17:15 | 2.073 |
| 15.07.2020 | 17:15 | 17:30 | 2.126 |
| 15.07.2020 | 17:30 | 17:45 | 2.128 |
| 15.07.2020 | 17:45 | 18:00 | 2.141 |
| 15.07.2020 | 18:00 | 18:15 | 2.127 |
| 15.07.2020 | 18:15 | 18:30 | 2.222 |
| 15.07.2020 | 18:30 | 18:45 | 2.222 |
| 15.07.2020 | 18:45 | 19:00 | 2.222 |
| 15.07.2020 | 19:00 | 19:15 | 2.189 |
| 15.07.2020 | 19:15 | 19:30 | 2.166 |
| 15.07.2020 | 19:30 | 19:45 | 2.108 |
| 15.07.2020 | 19:45 | 20:00 | 2.039 |
| 15.07.2020 | 20:00 | 20:15 | 1.972 |
| 15.07.2020 | 20:15 | 20:30 | 1.914 |
| 15.07.2020 | 20:30 | 20:45 | 1.873 |
| 15.07.2020 | 20:45 | 21:00 | 1.843 |
| 15.07.2020 | 21:00 | 21:15 | 1.788 |
| 15.07.2020 | 21:15 | 21:30 | 1.729 |
| 15.07.2020 | 21:30 | 21:45 | 1.694 |
| 15.07.2020 | 21:45 | 22:00 | 1.656 |
| 15.07.2020 | 22:00 | 22:15 | 1.631 |
| 15.07.2020 | 22:15 | 22:30 | 1.651 |
| 15.07.2020 | 22:30 | 22:45 | 1.615 |
| 15.07.2020 | 22:45 | 23:00 | 1.545 |
| 15.07.2020 | 23:00 | 23:15 | 1.491 |
| 15.07.2020 | 23:15 | 23:30 | 1.419 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.07.2020 | 23:30 | 23:45 | 1.350 |
| 15.07.2020 | 23:45 | 00:00 | 1.281 |
| 16.07.2020 | 00:00 | 00:15 | 1.230 |
| 16.07.2020 | 00:15 | 00:30 | 1.208 |
| 16.07.2020 | 00:30 | 00:45 | 1.171 |
| 16.07.2020 | 00:45 | 01:00 | 1.161 |
| 16.07.2020 | 01:00 | 01:15 | 1.150 |
| 16.07.2020 | 01:15 | 01:30 | 1.133 |
| 16.07.2020 | 01:30 | 01:45 | 1.102 |
| 16.07.2020 | 01:45 | 02:00 | 1.079 |
| 16.07.2020 | 02:00 | 02:15 | 1.065 |
| 16.07.2020 | 02:15 | 02:30 | 1.070 |
| 16.07.2020 | 02:30 | 02:45 | 1.059 |
| 16.07.2020 | 02:45 | 03:00 | 1.068 |
| 16.07.2020 | 03:00 | 03:15 | 1.050 |
| 16.07.2020 | 03:15 | 03:30 | 1.038 |
| 16.07.2020 | 03:30 | 03:45 | 1.044 |
| 16.07.2020 | 03:45 | 04:00 | 1.056 |
| 16.07.2020 | 04:00 | 04:15 | 1.076 |
| 16.07.2020 | 04:15 | 04:30 | 1.099 |
| 16.07.2020 | 04:30 | 04:45 | 1.124 |
| 16.07.2020 | 04:45 | 05:00 | 1.139 |
| 16.07.2020 | 05:00 | 05:15 | 1.181 |
| 16.07.2020 | 05:15 | 05:30 | 1.183 |
| 16.07.2020 | 05:30 | 05:45 | 1.211 |
| 16.07.2020 | 05:45 | 06:00 | 1.261 |
| 16.07.2020 | 06:00 | 06:15 | 1.353 |
| 16.07.2020 | 06:15 | 06:30 | 1.453 |
| 16.07.2020 | 06:30 | 06:45 | 1.505 |
| 16.07.2020 | 06:45 | 07:00 | 1.564 |
| 16.07.2020 | 07:00 | 07:15 | 1.647 |
| 16.07.2020 | 07:15 | 07:30 | 1.645 |
| 16.07.2020 | 07:30 | 07:45 | 1.728 |
| 16.07.2020 | 07:45 | 08:00 | 1.801 |
| 16.07.2020 | 08:00 | 08:15 | 1.877 |
| 16.07.2020 | 08:15 | 08:30 | 1.949 |
| 16.07.2020 | 08:30 | 08:45 | 1.978 |
| 16.07.2020 | 08:45 | 09:00 | 1.938 |
| 16.07.2020 | 09:00 | 09:15 | 1.985 |
| 16.07.2020 | 09:15 | 09:30 | 2.019 |
| 16.07.2020 | 09:30 | 09:45 | 2.096 |
| 16.07.2020 | 09:45 | 10:00 | 2.139 |
| 16.07.2020 | 10:00 | 10:15 | 2.147 |
| 16.07.2020 | 10:15 | 10:30 | 2.192 |
| 16.07.2020 | 10:30 | 10:45 | 2.203 |
| 16.07.2020 | 10:45 | 11:00 | 2.237 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.07.2020 | 11:00 | 11:15 | 2.261 |
| 16.07.2020 | 11:15 | 11:30 | 2.271 |
| 16.07.2020 | 11:30 | 11:45 | 2.282 |
| 16.07.2020 | 11:45 | 12:00 | 2.324 |
| 16.07.2020 | 12:00 | 12:15 | 2.333 |
| 16.07.2020 | 12:15 | 12:30 | 2.353 |
| 16.07.2020 | 12:30 | 12:45 | 2.345 |
| 16.07.2020 | 12:45 | 13:00 | 2.387 |
| 16.07.2020 | 13:00 | 13:15 | 2.369 |
| 16.07.2020 | 13:15 | 13:30 | 2.372 |
| 16.07.2020 | 13:30 | 13:45 | 2.319 |
| 16.07.2020 | 13:45 | 14:00 | 2.270 |
| 16.07.2020 | 14:00 | 14:15 | 2.244 |
| 16.07.2020 | 14:15 | 14:30 | 2.239 |
| 16.07.2020 | 14:30 | 14:45 | 2.198 |
| 16.07.2020 | 14:45 | 15:00 | 2.152 |
| 16.07.2020 | 15:00 | 15:15 | 2.149 |
| 16.07.2020 | 15:15 | 15:30 | 2.178 |
| 16.07.2020 | 15:30 | 15:45 | 2.198 |
| 16.07.2020 | 15:45 | 16:00 | 2.216 |
| 16.07.2020 | 16:00 | 16:15 | 2.259 |
| 16.07.2020 | 16:15 | 16:30 | 2.277 |
| 16.07.2020 | 16:30 | 16:45 | 2.270 |
| 16.07.2020 | 16:45 | 17:00 | 2.275 |
| 16.07.2020 | 17:00 | 17:15 | 2.265 |
| 16.07.2020 | 17:15 | 17:30 | 2.213 |
| 16.07.2020 | 17:30 | 17:45 | 2.268 |
| 16.07.2020 | 17:45 | 18:00 | 2.294 |
| 16.07.2020 | 18:00 | 18:15 | 2.286 |
| 16.07.2020 | 18:15 | 18:30 | 2.281 |
| 16.07.2020 | 18:30 | 18:45 | 2.245 |
| 16.07.2020 | 18:45 | 19:00 | 2.251 |
| 16.07.2020 | 19:00 | 19:15 | 2.209 |
| 16.07.2020 | 19:15 | 19:30 | 2.133 |
| 16.07.2020 | 19:30 | 19:45 | 2.089 |
| 16.07.2020 | 19:45 | 20:00 | 2.030 |
| 16.07.2020 | 20:00 | 20:15 | 1.936 |
| 16.07.2020 | 20:15 | 20:30 | 1.903 |
| 16.07.2020 | 20:30 | 20:45 | 1.875 |
| 16.07.2020 | 20:45 | 21:00 | 1.828 |
| 16.07.2020 | 21:00 | 21:15 | 1.796 |
| 16.07.2020 | 21:15 | 21:30 | 1.751 |
| 16.07.2020 | 21:30 | 21:45 | 1.744 |
| 16.07.2020 | 21:45 | 22:00 | 1.733 |
| 16.07.2020 | 22:00 | 22:15 | 1.667 |
| 16.07.2020 | 22:15 | 22:30 | 1.609 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.07.2020 | 22:30 | 22:45 | 1.589 |
| 16.07.2020 | 22:45 | 23:00 | 1.567 |
| 16.07.2020 | 23:00 | 23:15 | 1.477 |
| 16.07.2020 | 23:15 | 23:30 | 1.427 |
| 16.07.2020 | 23:30 | 23:45 | 1.373 |
| 16.07.2020 | 23:45 | 00:00 | 1.303 |
| 17.07.2020 | 00:00 | 00:15 | 1.267 |
| 17.07.2020 | 00:15 | 00:30 | 1.227 |
| 17.07.2020 | 00:30 | 00:45 | 1.196 |
| 17.07.2020 | 00:45 | 01:00 | 1.174 |
| 17.07.2020 | 01:00 | 01:15 | 1.147 |
| 17.07.2020 | 01:15 | 01:30 | 1.138 |
| 17.07.2020 | 01:30 | 01:45 | 1.116 |
| 17.07.2020 | 01:45 | 02:00 | 1.101 |
| 17.07.2020 | 02:00 | 02:15 | 1.083 |
| 17.07.2020 | 02:15 | 02:30 | 1.076 |
| 17.07.2020 | 02:30 | 02:45 | 1.065 |
| 17.07.2020 | 02:45 | 03:00 | 1.053 |
| 17.07.2020 | 03:00 | 03:15 | 1.040 |
| 17.07.2020 | 03:15 | 03:30 | 1.039 |
| 17.07.2020 | 03:30 | 03:45 | 1.048 |
| 17.07.2020 | 03:45 | 04:00 | 1.052 |
| 17.07.2020 | 04:00 | 04:15 | 1.076 |
| 17.07.2020 | 04:15 | 04:30 | 1.102 |
| 17.07.2020 | 04:30 | 04:45 | 1.130 |
| 17.07.2020 | 04:45 | 05:00 | 1.139 |
| 17.07.2020 | 05:00 | 05:15 | 1.184 |
| 17.07.2020 | 05:15 | 05:30 | 1.174 |
| 17.07.2020 | 05:30 | 05:45 | 1.205 |
| 17.07.2020 | 05:45 | 06:00 | 1.260 |
| 17.07.2020 | 06:00 | 06:15 | 1.349 |
| 17.07.2020 | 06:15 | 06:30 | 1.430 |
| 17.07.2020 | 06:30 | 06:45 | 1.511 |
| 17.07.2020 | 06:45 | 07:00 | 1.550 |
| 17.07.2020 | 07:00 | 07:15 | 1.618 |
| 17.07.2020 | 07:15 | 07:30 | 1.677 |
| 17.07.2020 | 07:30 | 07:45 | 1.752 |
| 17.07.2020 | 07:45 | 08:00 | 1.811 |
| 17.07.2020 | 08:00 | 08:15 | 1.872 |
| 17.07.2020 | 08:15 | 08:30 | 1.921 |
| 17.07.2020 | 08:30 | 08:45 | 1.960 |
| 17.07.2020 | 08:45 | 09:00 | 2.007 |
| 17.07.2020 | 09:00 | 09:15 | 2.039 |
| 17.07.2020 | 09:15 | 09:30 | 2.093 |
| 17.07.2020 | 09:30 | 09:45 | 2.150 |
| 17.07.2020 | 09:45 | 10:00 | 2.179 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.07.2020 | 10:00 | 10:15 | 2.229 |
| 17.07.2020 | 10:15 | 10:30 | 2.240 |
| 17.07.2020 | 10:30 | 10:45 | 2.245 |
| 17.07.2020 | 10:45 | 11:00 | 2.250 |
| 17.07.2020 | 11:00 | 11:15 | 2.260 |
| 17.07.2020 | 11:15 | 11:30 | 2.298 |
| 17.07.2020 | 11:30 | 11:45 | 2.317 |
| 17.07.2020 | 11:45 | 12:00 | 2.337 |
| 17.07.2020 | 12:00 | 12:15 | 2.337 |
| 17.07.2020 | 12:15 | 12:30 | 2.314 |
| 17.07.2020 | 12:30 | 12:45 | 2.344 |
| 17.07.2020 | 12:45 | 13:00 | 2.371 |
| 17.07.2020 | 13:00 | 13:15 | 2.302 |
| 17.07.2020 | 13:15 | 13:30 | 2.266 |
| 17.07.2020 | 13:30 | 13:45 | 2.232 |
| 17.07.2020 | 13:45 | 14:00 | 2.162 |
| 17.07.2020 | 14:00 | 14:15 | 2.092 |
| 17.07.2020 | 14:15 | 14:30 | 2.070 |
| 17.07.2020 | 14:30 | 14:45 | 2.059 |
| 17.07.2020 | 14:45 | 15:00 | 2.057 |
| 17.07.2020 | 15:00 | 15:15 | 2.130 |
| 17.07.2020 | 15:15 | 15:30 | 2.138 |
| 17.07.2020 | 15:30 | 15:45 | 2.097 |
| 17.07.2020 | 15:45 | 16:00 | 2.034 |
| 17.07.2020 | 16:00 | 16:15 | 2.053 |
| 17.07.2020 | 16:15 | 16:30 | 2.027 |
| 17.07.2020 | 16:30 | 16:45 | 2.012 |
| 17.07.2020 | 16:45 | 17:00 | 1.987 |
| 17.07.2020 | 17:00 | 17:15 | 1.999 |
| 17.07.2020 | 17:15 | 17:30 | 2.026 |
| 17.07.2020 | 17:30 | 17:45 | 2.049 |
| 17.07.2020 | 17:45 | 18:00 | 2.066 |
| 17.07.2020 | 18:00 | 18:15 | 2.046 |
| 17.07.2020 | 18:15 | 18:30 | 2.068 |
| 17.07.2020 | 18:30 | 18:45 | 2.040 |
| 17.07.2020 | 18:45 | 19:00 | 2.042 |
| 17.07.2020 | 19:00 | 19:15 | 2.017 |
| 17.07.2020 | 19:15 | 19:30 | 1.933 |
| 17.07.2020 | 19:30 | 19:45 | 1.930 |
| 17.07.2020 | 19:45 | 20:00 | 1.892 |
| 17.07.2020 | 20:00 | 20:15 | 1.809 |
| 17.07.2020 | 20:15 | 20:30 | 1.783 |
| 17.07.2020 | 20:30 | 20:45 | 1.770 |
| 17.07.2020 | 20:45 | 21:00 | 1.725 |
| 17.07.2020 | 21:00 | 21:15 | 1.670 |
| 17.07.2020 | 21:15 | 21:30 | 1.646 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.07.2020 | 21:30 | 21:45 | 1.593 |
| 17.07.2020 | 21:45 | 22:00 | 1.598 |
| 17.07.2020 | 22:00 | 22:15 | 1.643 |
| 17.07.2020 | 22:15 | 22:30 | 1.651 |
| 17.07.2020 | 22:30 | 22:45 | 1.606 |
| 17.07.2020 | 22:45 | 23:00 | 1.549 |
| 17.07.2020 | 23:00 | 23:15 | 1.499 |
| 17.07.2020 | 23:15 | 23:30 | 1.436 |
| 17.07.2020 | 23:30 | 23:45 | 1.356 |
| 17.07.2020 | 23:45 | 00:00 | 1.319 |
| 18.07.2020 | 00:00 | 00:15 | 1.257 |
| 18.07.2020 | 00:15 | 00:30 | 1.198 |
| 18.07.2020 | 00:30 | 00:45 | 1.176 |
| 18.07.2020 | 00:45 | 01:00 | 1.144 |
| 18.07.2020 | 01:00 | 01:15 | 1.118 |
| 18.07.2020 | 01:15 | 01:30 | 1.109 |
| 18.07.2020 | 01:30 | 01:45 | 1.088 |
| 18.07.2020 | 01:45 | 02:00 | 1.091 |
| 18.07.2020 | 02:00 | 02:15 | 1.086 |
| 18.07.2020 | 02:15 | 02:30 | 1.066 |
| 18.07.2020 | 02:30 | 02:45 | 1.044 |
| 18.07.2020 | 02:45 | 03:00 | 1.022 |
| 18.07.2020 | 03:00 | 03:15 | 998 |
| 18.07.2020 | 03:15 | 03:30 | 999 |
| 18.07.2020 | 03:30 | 03:45 | 1.017 |
| 18.07.2020 | 03:45 | 04:00 | 1.019 |
| 18.07.2020 | 04:00 | 04:15 | 1.014 |
| 18.07.2020 | 04:15 | 04:30 | 1.009 |
| 18.07.2020 | 04:30 | 04:45 | 1.016 |
| 18.07.2020 | 04:45 | 05:00 | 1.026 |
| 18.07.2020 | 05:00 | 05:15 | 1.033 |
| 18.07.2020 | 05:15 | 05:30 | 974 |
| 18.07.2020 | 05:30 | 05:45 | 974 |
| 18.07.2020 | 05:45 | 06:00 | 989 |
| 18.07.2020 | 06:00 | 06:15 | 1.001 |
| 18.07.2020 | 06:15 | 06:30 | 1.029 |
| 18.07.2020 | 06:30 | 06:45 | 1.043 |
| 18.07.2020 | 06:45 | 07:00 | 1.061 |
| 18.07.2020 | 07:00 | 07:15 | 1.103 |
| 18.07.2020 | 07:15 | 07:30 | 1.134 |
| 18.07.2020 | 07:30 | 07:45 | 1.171 |
| 18.07.2020 | 07:45 | 08:00 | 1.231 |
| 18.07.2020 | 08:00 | 08:15 | 1.276 |
| 18.07.2020 | 08:15 | 08:30 | 1.327 |
| 18.07.2020 | 08:30 | 08:45 | 1.372 |
| 18.07.2020 | 08:45 | 09:00 | 1.452 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.07.2020 | 09:00 | 09:15 | 1.530 |
| 18.07.2020 | 09:15 | 09:30 | 1.597 |
| 18.07.2020 | 09:30 | 09:45 | 1.686 |
| 18.07.2020 | 09:45 | 10:00 | 1.753 |
| 18.07.2020 | 10:00 | 10:15 | 1.773 |
| 18.07.2020 | 10:15 | 10:30 | 1.818 |
| 18.07.2020 | 10:30 | 10:45 | 1.817 |
| 18.07.2020 | 10:45 | 11:00 | 1.828 |
| 18.07.2020 | 11:00 | 11:15 | 1.859 |
| 18.07.2020 | 11:15 | 11:30 | 1.881 |
| 18.07.2020 | 11:30 | 11:45 | 1.902 |
| 18.07.2020 | 11:45 | 12:00 | 1.944 |
| 18.07.2020 | 12:00 | 12:15 | 1.922 |
| 18.07.2020 | 12:15 | 12:30 | 1.894 |
| 18.07.2020 | 12:30 | 12:45 | 1.912 |
| 18.07.2020 | 12:45 | 13:00 | 1.904 |
| 18.07.2020 | 13:00 | 13:15 | 1.872 |
| 18.07.2020 | 13:15 | 13:30 | 1.842 |
| 18.07.2020 | 13:30 | 13:45 | 1.800 |
| 18.07.2020 | 13:45 | 14:00 | 1.756 |
| 18.07.2020 | 14:00 | 14:15 | 1.712 |
| 18.07.2020 | 14:15 | 14:30 | 1.725 |
| 18.07.2020 | 14:30 | 14:45 | 1.726 |
| 18.07.2020 | 14:45 | 15:00 | 1.706 |
| 18.07.2020 | 15:00 | 15:15 | 1.704 |
| 18.07.2020 | 15:15 | 15:30 | 1.661 |
| 18.07.2020 | 15:30 | 15:45 | 1.615 |
| 18.07.2020 | 15:45 | 16:00 | 1.588 |
| 18.07.2020 | 16:00 | 16:15 | 1.588 |
| 18.07.2020 | 16:15 | 16:30 | 1.609 |
| 18.07.2020 | 16:30 | 16:45 | 1.646 |
| 18.07.2020 | 16:45 | 17:00 | 1.642 |
| 18.07.2020 | 17:00 | 17:15 | 1.654 |
| 18.07.2020 | 17:15 | 17:30 | 1.647 |
| 18.07.2020 | 17:30 | 17:45 | 1.639 |
| 18.07.2020 | 17:45 | 18:00 | 1.673 |
| 18.07.2020 | 18:00 | 18:15 | 1.686 |
| 18.07.2020 | 18:15 | 18:30 | 1.694 |
| 18.07.2020 | 18:30 | 18:45 | 1.691 |
| 18.07.2020 | 18:45 | 19:00 | 1.683 |
| 18.07.2020 | 19:00 | 19:15 | 1.650 |
| 18.07.2020 | 19:15 | 19:30 | 1.638 |
| 18.07.2020 | 19:30 | 19:45 | 1.604 |
| 18.07.2020 | 19:45 | 20:00 | 1.591 |
| 18.07.2020 | 20:00 | 20:15 | 1.558 |
| 18.07.2020 | 20:15 | 20:30 | 1.523 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.07.2020 | 20:30 | 20:45 | 1.492 |
| 18.07.2020 | 20:45 | 21:00 | 1.473 |
| 18.07.2020 | 21:00 | 21:15 | 1.450 |
| 18.07.2020 | 21:15 | 21:30 | 1.420 |
| 18.07.2020 | 21:30 | 21:45 | 1.436 |
| 18.07.2020 | 21:45 | 22:00 | 1.438 |
| 18.07.2020 | 22:00 | 22:15 | 1.467 |
| 18.07.2020 | 22:15 | 22:30 | 1.446 |
| 18.07.2020 | 22:30 | 22:45 | 1.412 |
| 18.07.2020 | 22:45 | 23:00 | 1.381 |
| 18.07.2020 | 23:00 | 23:15 | 1.327 |
| 18.07.2020 | 23:15 | 23:30 | 1.280 |
| 18.07.2020 | 23:30 | 23:45 | 1.243 |
| 18.07.2020 | 23:45 | 00:00 | 1.208 |
| 19.07.2020 | 00:00 | 00:15 | 1.172 |
| 19.07.2020 | 00:15 | 00:30 | 1.136 |
| 19.07.2020 | 00:30 | 00:45 | 1.099 |
| 19.07.2020 | 00:45 | 01:00 | 1.075 |
| 19.07.2020 | 01:00 | 01:15 | 1.060 |
| 19.07.2020 | 01:15 | 01:30 | 1.037 |
| 19.07.2020 | 01:30 | 01:45 | 1.012 |
| 19.07.2020 | 01:45 | 02:00 | 995 |
| 19.07.2020 | 02:00 | 02:15 | 990 |
| 19.07.2020 | 02:15 | 02:30 | 976 |
| 19.07.2020 | 02:30 | 02:45 | 959 |
| 19.07.2020 | 02:45 | 03:00 | 952 |
| 19.07.2020 | 03:00 | 03:15 | 945 |
| 19.07.2020 | 03:15 | 03:30 | 938 |
| 19.07.2020 | 03:30 | 03:45 | 932 |
| 19.07.2020 | 03:45 | 04:00 | 931 |
| 19.07.2020 | 04:00 | 04:15 | 927 |
| 19.07.2020 | 04:15 | 04:30 | 925 |
| 19.07.2020 | 04:30 | 04:45 | 930 |
| 19.07.2020 | 04:45 | 05:00 | 929 |
| 19.07.2020 | 05:00 | 05:15 | 934 |
| 19.07.2020 | 05:15 | 05:30 | 914 |
| 19.07.2020 | 05:30 | 05:45 | 915 |
| 19.07.2020 | 05:45 | 06:00 | 923 |
| 19.07.2020 | 06:00 | 06:15 | 923 |
| 19.07.2020 | 06:15 | 06:30 | 923 |
| 19.07.2020 | 06:30 | 06:45 | 944 |
| 19.07.2020 | 06:45 | 07:00 | 965 |
| 19.07.2020 | 07:00 | 07:15 | 986 |
| 19.07.2020 | 07:15 | 07:30 | 999 |
| 19.07.2020 | 07:30 | 07:45 | 1.035 |
| 19.07.2020 | 07:45 | 08:00 | 1.071 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.07.2020 | 08:00 | 08:15 | 1.120 |
| 19.07.2020 | 08:15 | 08:30 | 1.155 |
| 19.07.2020 | 08:30 | 08:45 | 1.238 |
| 19.07.2020 | 08:45 | 09:00 | 1.287 |
| 19.07.2020 | 09:00 | 09:15 | 1.310 |
| 19.07.2020 | 09:15 | 09:30 | 1.373 |
| 19.07.2020 | 09:30 | 09:45 | 1.417 |
| 19.07.2020 | 09:45 | 10:00 | 1.461 |
| 19.07.2020 | 10:00 | 10:15 | 1.493 |
| 19.07.2020 | 10:15 | 10:30 | 1.536 |
| 19.07.2020 | 10:30 | 10:45 | 1.563 |
| 19.07.2020 | 10:45 | 11:00 | 1.616 |
| 19.07.2020 | 11:00 | 11:15 | 1.636 |
| 19.07.2020 | 11:15 | 11:30 | 1.687 |
| 19.07.2020 | 11:30 | 11:45 | 1.719 |
| 19.07.2020 | 11:45 | 12:00 | 1.729 |
| 19.07.2020 | 12:00 | 12:15 | 1.726 |
| 19.07.2020 | 12:15 | 12:30 | 1.764 |
| 19.07.2020 | 12:30 | 12:45 | 1.747 |
| 19.07.2020 | 12:45 | 13:00 | 1.727 |
| 19.07.2020 | 13:00 | 13:15 | 1.701 |
| 19.07.2020 | 13:15 | 13:30 | 1.678 |
| 19.07.2020 | 13:30 | 13:45 | 1.642 |
| 19.07.2020 | 13:45 | 14:00 | 1.623 |
| 19.07.2020 | 14:00 | 14:15 | 1.608 |
| 19.07.2020 | 14:15 | 14:30 | 1.584 |
| 19.07.2020 | 14:30 | 14:45 | 1.561 |
| 19.07.2020 | 14:45 | 15:00 | 1.532 |
| 19.07.2020 | 15:00 | 15:15 | 1.530 |
| 19.07.2020 | 15:15 | 15:30 | 1.497 |
| 19.07.2020 | 15:30 | 15:45 | 1.486 |
| 19.07.2020 | 15:45 | 16:00 | 1.480 |
| 19.07.2020 | 16:00 | 16:15 | 1.482 |
| 19.07.2020 | 16:15 | 16:30 | 1.487 |
| 19.07.2020 | 16:30 | 16:45 | 1.485 |
| 19.07.2020 | 16:45 | 17:00 | 1.491 |
| 19.07.2020 | 17:00 | 17:15 | 1.501 |
| 19.07.2020 | 17:15 | 17:30 | 1.488 |
| 19.07.2020 | 17:30 | 17:45 | 1.510 |
| 19.07.2020 | 17:45 | 18:00 | 1.530 |
| 19.07.2020 | 18:00 | 18:15 | 1.546 |
| 19.07.2020 | 18:15 | 18:30 | 1.548 |
| 19.07.2020 | 18:30 | 18:45 | 1.563 |
| 19.07.2020 | 18:45 | 19:00 | 1.576 |
| 19.07.2020 | 19:00 | 19:15 | 1.555 |
| 19.07.2020 | 19:15 | 19:30 | 1.554 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.07.2020 | 19:30 | 19:45 | 1.545 |
| 19.07.2020 | 19:45 | 20:00 | 1.551 |
| 19.07.2020 | 20:00 | 20:15 | 1.513 |
| 19.07.2020 | 20:15 | 20:30 | 1.480 |
| 19.07.2020 | 20:30 | 20:45 | 1.444 |
| 19.07.2020 | 20:45 | 21:00 | 1.453 |
| 19.07.2020 | 21:00 | 21:15 | 1.433 |
| 19.07.2020 | 21:15 | 21:30 | 1.419 |
| 19.07.2020 | 21:30 | 21:45 | 1.415 |
| 19.07.2020 | 21:45 | 22:00 | 1.450 |
| 19.07.2020 | 22:00 | 22:15 | 1.488 |
| 19.07.2020 | 22:15 | 22:30 | 1.455 |
| 19.07.2020 | 22:30 | 22:45 | 1.432 |
| 19.07.2020 | 22:45 | 23:00 | 1.385 |
| 19.07.2020 | 23:00 | 23:15 | 1.338 |
| 19.07.2020 | 23:15 | 23:30 | 1.291 |
| 19.07.2020 | 23:30 | 23:45 | 1.211 |
| 19.07.2020 | 23:45 | 00:00 | 1.183 |
| 20.07.2020 | 00:00 | 00:15 | 1.138 |
| 20.07.2020 | 00:15 | 00:30 | 1.111 |
| 20.07.2020 | 00:30 | 00:45 | 1.080 |
| 20.07.2020 | 00:45 | 01:00 | 1.059 |
| 20.07.2020 | 01:00 | 01:15 | 1.065 |
| 20.07.2020 | 01:15 | 01:30 | 1.065 |
| 20.07.2020 | 01:30 | 01:45 | 1.047 |
| 20.07.2020 | 01:45 | 02:00 | 1.035 |
| 20.07.2020 | 02:00 | 02:15 | 1.035 |
| 20.07.2020 | 02:15 | 02:30 | 1.023 |
| 20.07.2020 | 02:30 | 02:45 | 1.016 |
| 20.07.2020 | 02:45 | 03:00 | 1.011 |
| 20.07.2020 | 03:00 | 03:15 | 1.009 |
| 20.07.2020 | 03:15 | 03:30 | 1.003 |
| 20.07.2020 | 03:30 | 03:45 | 1.006 |
| 20.07.2020 | 03:45 | 04:00 | 1.004 |
| 20.07.2020 | 04:00 | 04:15 | 1.030 |
| 20.07.2020 | 04:15 | 04:30 | 1.056 |
| 20.07.2020 | 04:30 | 04:45 | 1.085 |
| 20.07.2020 | 04:45 | 05:00 | 1.097 |
| 20.07.2020 | 05:00 | 05:15 | 1.140 |
| 20.07.2020 | 05:15 | 05:30 | 1.158 |
| 20.07.2020 | 05:30 | 05:45 | 1.186 |
| 20.07.2020 | 05:45 | 06:00 | 1.247 |
| 20.07.2020 | 06:00 | 06:15 | 1.344 |
| 20.07.2020 | 06:15 | 06:30 | 1.424 |
| 20.07.2020 | 06:30 | 06:45 | 1.490 |
| 20.07.2020 | 06:45 | 07:00 | 1.539 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.07.2020 | 07:00 | 07:15 | 1.606 |
| 20.07.2020 | 07:15 | 07:30 | 1.701 |
| 20.07.2020 | 07:30 | 07:45 | 1.762 |
| 20.07.2020 | 07:45 | 08:00 | 1.842 |
| 20.07.2020 | 08:00 | 08:15 | 1.892 |
| 20.07.2020 | 08:15 | 08:30 | 1.919 |
| 20.07.2020 | 08:30 | 08:45 | 1.988 |
| 20.07.2020 | 08:45 | 09:00 | 2.032 |
| 20.07.2020 | 09:00 | 09:15 | 2.081 |
| 20.07.2020 | 09:15 | 09:30 | 2.117 |
| 20.07.2020 | 09:30 | 09:45 | 2.096 |
| 20.07.2020 | 09:45 | 10:00 | 2.104 |
| 20.07.2020 | 10:00 | 10:15 | 2.115 |
| 20.07.2020 | 10:15 | 10:30 | 2.206 |
| 20.07.2020 | 10:30 | 10:45 | 2.268 |
| 20.07.2020 | 10:45 | 11:00 | 2.312 |
| 20.07.2020 | 11:00 | 11:15 | 2.340 |
| 20.07.2020 | 11:15 | 11:30 | 2.346 |
| 20.07.2020 | 11:30 | 11:45 | 2.368 |
| 20.07.2020 | 11:45 | 12:00 | 2.396 |
| 20.07.2020 | 12:00 | 12:15 | 2.383 |
| 20.07.2020 | 12:15 | 12:30 | 2.403 |
| 20.07.2020 | 12:30 | 12:45 | 2.363 |
| 20.07.2020 | 12:45 | 13:00 | 2.326 |
| 20.07.2020 | 13:00 | 13:15 | 2.293 |
| 20.07.2020 | 13:15 | 13:30 | 2.259 |
| 20.07.2020 | 13:30 | 13:45 | 2.215 |
| 20.07.2020 | 13:45 | 14:00 | 2.218 |
| 20.07.2020 | 14:00 | 14:15 | 2.168 |
| 20.07.2020 | 14:15 | 14:30 | 2.159 |
| 20.07.2020 | 14:30 | 14:45 | 2.136 |
| 20.07.2020 | 14:45 | 15:00 | 2.101 |
| 20.07.2020 | 15:00 | 15:15 | 2.076 |
| 20.07.2020 | 15:15 | 15:30 | 2.056 |
| 20.07.2020 | 15:30 | 15:45 | 2.015 |
| 20.07.2020 | 15:45 | 16:00 | 2.062 |
| 20.07.2020 | 16:00 | 16:15 | 2.070 |
| 20.07.2020 | 16:15 | 16:30 | 2.041 |
| 20.07.2020 | 16:30 | 16:45 | 2.068 |
| 20.07.2020 | 16:45 | 17:00 | 2.075 |
| 20.07.2020 | 17:00 | 17:15 | 2.060 |
| 20.07.2020 | 17:15 | 17:30 | 2.077 |
| 20.07.2020 | 17:30 | 17:45 | 2.067 |
| 20.07.2020 | 17:45 | 18:00 | 2.071 |
| 20.07.2020 | 18:00 | 18:15 | 2.075 |
| 20.07.2020 | 18:15 | 18:30 | 2.081 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.07.2020 | 18:30 | 18:45 | 2.101 |
| 20.07.2020 | 18:45 | 19:00 | 2.106 |
| 20.07.2020 | 19:00 | 19:15 | 2.079 |
| 20.07.2020 | 19:15 | 19:30 | 2.050 |
| 20.07.2020 | 19:30 | 19:45 | 2.012 |
| 20.07.2020 | 19:45 | 20:00 | 1.975 |
| 20.07.2020 | 20:00 | 20:15 | 1.911 |
| 20.07.2020 | 20:15 | 20:30 | 1.809 |
| 20.07.2020 | 20:30 | 20:45 | 1.778 |
| 20.07.2020 | 20:45 | 21:00 | 1.718 |
| 20.07.2020 | 21:00 | 21:15 | 1.698 |
| 20.07.2020 | 21:15 | 21:30 | 1.693 |
| 20.07.2020 | 21:30 | 21:45 | 1.698 |
| 20.07.2020 | 21:45 | 22:00 | 1.692 |
| 20.07.2020 | 22:00 | 22:15 | 1.683 |
| 20.07.2020 | 22:15 | 22:30 | 1.655 |
| 20.07.2020 | 22:30 | 22:45 | 1.604 |
| 20.07.2020 | 22:45 | 23:00 | 1.540 |
| 20.07.2020 | 23:00 | 23:15 | 1.477 |
| 20.07.2020 | 23:15 | 23:30 | 1.401 |
| 20.07.2020 | 23:30 | 23:45 | 1.367 |
| 20.07.2020 | 23:45 | 00:00 | 1.327 |
| 21.07.2020 | 00:00 | 00:15 | 1.281 |
| 21.07.2020 | 00:15 | 00:30 | 1.242 |
| 21.07.2020 | 00:30 | 00:45 | 1.225 |
| 21.07.2020 | 00:45 | 01:00 | 1.191 |
| 21.07.2020 | 01:00 | 01:15 | 1.158 |
| 21.07.2020 | 01:15 | 01:30 | 1.139 |
| 21.07.2020 | 01:30 | 01:45 | 1.119 |
| 21.07.2020 | 01:45 | 02:00 | 1.097 |
| 21.07.2020 | 02:00 | 02:15 | 1.081 |
| 21.07.2020 | 02:15 | 02:30 | 1.071 |
| 21.07.2020 | 02:30 | 02:45 | 1.060 |
| 21.07.2020 | 02:45 | 03:00 | 1.055 |
| 21.07.2020 | 03:00 | 03:15 | 1.058 |
| 21.07.2020 | 03:15 | 03:30 | 1.045 |
| 21.07.2020 | 03:30 | 03:45 | 1.026 |
| 21.07.2020 | 03:45 | 04:00 | 1.036 |
| 21.07.2020 | 04:00 | 04:15 | 1.055 |
| 21.07.2020 | 04:15 | 04:30 | 1.079 |
| 21.07.2020 | 04:30 | 04:45 | 1.106 |
| 21.07.2020 | 04:45 | 05:00 | 1.113 |
| 21.07.2020 | 05:00 | 05:15 | 1.112 |
| 21.07.2020 | 05:15 | 05:30 | 1.102 |
| 21.07.2020 | 05:30 | 05:45 | 1.146 |
| 21.07.2020 | 05:45 | 06:00 | 1.193 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.07.2020 | 06:00 | 06:15 | 1.285 |
| 21.07.2020 | 06:15 | 06:30 | 1.374 |
| 21.07.2020 | 06:30 | 06:45 | 1.426 |
| 21.07.2020 | 06:45 | 07:00 | 1.472 |
| 21.07.2020 | 07:00 | 07:15 | 1.544 |
| 21.07.2020 | 07:15 | 07:30 | 1.628 |
| 21.07.2020 | 07:30 | 07:45 | 1.693 |
| 21.07.2020 | 07:45 | 08:00 | 1.758 |
| 21.07.2020 | 08:00 | 08:15 | 1.756 |
| 21.07.2020 | 08:15 | 08:30 | 1.728 |
| 21.07.2020 | 08:30 | 08:45 | 1.750 |
| 21.07.2020 | 08:45 | 09:00 | 1.792 |
| 21.07.2020 | 09:00 | 09:15 | 1.846 |
| 21.07.2020 | 09:15 | 09:30 | 1.868 |
| 21.07.2020 | 09:30 | 09:45 | 1.948 |
| 21.07.2020 | 09:45 | 10:00 | 1.976 |
| 21.07.2020 | 10:00 | 10:15 | 2.018 |
| 21.07.2020 | 10:15 | 10:30 | 2.121 |
| 21.07.2020 | 10:30 | 10:45 | 2.205 |
| 21.07.2020 | 10:45 | 11:00 | 2.259 |
| 21.07.2020 | 11:00 | 11:15 | 2.309 |
| 21.07.2020 | 11:15 | 11:30 | 2.335 |
| 21.07.2020 | 11:30 | 11:45 | 2.381 |
| 21.07.2020 | 11:45 | 12:00 | 2.382 |
| 21.07.2020 | 12:00 | 12:15 | 2.379 |
| 21.07.2020 | 12:15 | 12:30 | 2.321 |
| 21.07.2020 | 12:30 | 12:45 | 2.322 |
| 21.07.2020 | 12:45 | 13:00 | 2.334 |
| 21.07.2020 | 13:00 | 13:15 | 2.323 |
| 21.07.2020 | 13:15 | 13:30 | 2.242 |
| 21.07.2020 | 13:30 | 13:45 | 2.232 |
| 21.07.2020 | 13:45 | 14:00 | 2.158 |
| 21.07.2020 | 14:00 | 14:15 | 2.149 |
| 21.07.2020 | 14:15 | 14:30 | 2.157 |
| 21.07.2020 | 14:30 | 14:45 | 2.087 |
| 21.07.2020 | 14:45 | 15:00 | 2.066 |
| 21.07.2020 | 15:00 | 15:15 | 2.137 |
| 21.07.2020 | 15:15 | 15:30 | 2.072 |
| 21.07.2020 | 15:30 | 15:45 | 2.104 |
| 21.07.2020 | 15:45 | 16:00 | 2.051 |
| 21.07.2020 | 16:00 | 16:15 | 2.069 |
| 21.07.2020 | 16:15 | 16:30 | 2.052 |
| 21.07.2020 | 16:30 | 16:45 | 2.107 |
| 21.07.2020 | 16:45 | 17:00 | 2.057 |
| 21.07.2020 | 17:00 | 17:15 | 2.003 |
| 21.07.2020 | 17:15 | 17:30 | 1.996 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.07.2020 | 17:30 | 17:45 | 2.015 |
| 21.07.2020 | 17:45 | 18:00 | 2.031 |
| 21.07.2020 | 18:00 | 18:15 | 2.035 |
| 21.07.2020 | 18:15 | 18:30 | 2.047 |
| 21.07.2020 | 18:30 | 18:45 | 2.053 |
| 21.07.2020 | 18:45 | 19:00 | 2.090 |
| 21.07.2020 | 19:00 | 19:15 | 2.050 |
| 21.07.2020 | 19:15 | 19:30 | 2.026 |
| 21.07.2020 | 19:30 | 19:45 | 2.002 |
| 21.07.2020 | 19:45 | 20:00 | 1.969 |
| 21.07.2020 | 20:00 | 20:15 | 1.876 |
| 21.07.2020 | 20:15 | 20:30 | 1.831 |
| 21.07.2020 | 20:30 | 20:45 | 1.798 |
| 21.07.2020 | 20:45 | 21:00 | 1.769 |
| 21.07.2020 | 21:00 | 21:15 | 1.750 |
| 21.07.2020 | 21:15 | 21:30 | 1.732 |
| 21.07.2020 | 21:30 | 21:45 | 1.688 |
| 21.07.2020 | 21:45 | 22:00 | 1.673 |
| 21.07.2020 | 22:00 | 22:15 | 1.676 |
| 21.07.2020 | 22:15 | 22:30 | 1.683 |
| 21.07.2020 | 22:30 | 22:45 | 1.631 |
| 21.07.2020 | 22:45 | 23:00 | 1.563 |
| 21.07.2020 | 23:00 | 23:15 | 1.498 |
| 21.07.2020 | 23:15 | 23:30 | 1.428 |
| 21.07.2020 | 23:30 | 23:45 | 1.370 |
| 21.07.2020 | 23:45 | 00:00 | 1.328 |
| 22.07.2020 | 00:00 | 00:15 | 1.283 |
| 22.07.2020 | 00:15 | 00:30 | 1.250 |
| 22.07.2020 | 00:30 | 00:45 | 1.220 |
| 22.07.2020 | 00:45 | 01:00 | 1.184 |
| 22.07.2020 | 01:00 | 01:15 | 1.147 |
| 22.07.2020 | 01:15 | 01:30 | 1.125 |
| 22.07.2020 | 01:30 | 01:45 | 1.107 |
| 22.07.2020 | 01:45 | 02:00 | 1.090 |
| 22.07.2020 | 02:00 | 02:15 | 1.077 |
| 22.07.2020 | 02:15 | 02:30 | 1.062 |
| 22.07.2020 | 02:30 | 02:45 | 1.041 |
| 22.07.2020 | 02:45 | 03:00 | 1.030 |
| 22.07.2020 | 03:00 | 03:15 | 1.026 |
| 22.07.2020 | 03:15 | 03:30 | 1.040 |
| 22.07.2020 | 03:30 | 03:45 | 1.040 |
| 22.07.2020 | 03:45 | 04:00 | 1.053 |
| 22.07.2020 | 04:00 | 04:15 | 1.050 |
| 22.07.2020 | 04:15 | 04:30 | 1.072 |
| 22.07.2020 | 04:30 | 04:45 | 1.095 |
| 22.07.2020 | 04:45 | 05:00 | 1.113 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.07.2020 | 05:00 | 05:15 | 1.151 |
| 22.07.2020 | 05:15 | 05:30 | 1.142 |
| 22.07.2020 | 05:30 | 05:45 | 1.182 |
| 22.07.2020 | 05:45 | 06:00 | 1.232 |
| 22.07.2020 | 06:00 | 06:15 | 1.294 |
| 22.07.2020 | 06:15 | 06:30 | 1.389 |
| 22.07.2020 | 06:30 | 06:45 | 1.461 |
| 22.07.2020 | 06:45 | 07:00 | 1.531 |
| 22.07.2020 | 07:00 | 07:15 | 1.591 |
| 22.07.2020 | 07:15 | 07:30 | 1.653 |
| 22.07.2020 | 07:30 | 07:45 | 1.700 |
| 22.07.2020 | 07:45 | 08:00 | 1.761 |
| 22.07.2020 | 08:00 | 08:15 | 1.812 |
| 22.07.2020 | 08:15 | 08:30 | 1.860 |
| 22.07.2020 | 08:30 | 08:45 | 1.856 |
| 22.07.2020 | 08:45 | 09:00 | 1.892 |
| 22.07.2020 | 09:00 | 09:15 | 1.929 |
| 22.07.2020 | 09:15 | 09:30 | 1.959 |
| 22.07.2020 | 09:30 | 09:45 | 2.027 |
| 22.07.2020 | 09:45 | 10:00 | 2.096 |
| 22.07.2020 | 10:00 | 10:15 | 2.077 |
| 22.07.2020 | 10:15 | 10:30 | 2.088 |
| 22.07.2020 | 10:30 | 10:45 | 2.111 |
| 22.07.2020 | 10:45 | 11:00 | 2.127 |
| 22.07.2020 | 11:00 | 11:15 | 2.097 |
| 22.07.2020 | 11:15 | 11:30 | 2.113 |
| 22.07.2020 | 11:30 | 11:45 | 2.170 |
| 22.07.2020 | 11:45 | 12:00 | 2.140 |
| 22.07.2020 | 12:00 | 12:15 | 2.097 |
| 22.07.2020 | 12:15 | 12:30 | 2.066 |
| 22.07.2020 | 12:30 | 12:45 | 2.096 |
| 22.07.2020 | 12:45 | 13:00 | 2.147 |
| 22.07.2020 | 13:00 | 13:15 | 2.127 |
| 22.07.2020 | 13:15 | 13:30 | 2.138 |
| 22.07.2020 | 13:30 | 13:45 | 2.130 |
| 22.07.2020 | 13:45 | 14:00 | 2.068 |
| 22.07.2020 | 14:00 | 14:15 | 2.047 |
| 22.07.2020 | 14:15 | 14:30 | 2.040 |
| 22.07.2020 | 14:30 | 14:45 | 2.018 |
| 22.07.2020 | 14:45 | 15:00 | 2.053 |
| 22.07.2020 | 15:00 | 15:15 | 2.086 |
| 22.07.2020 | 15:15 | 15:30 | 2.055 |
| 22.07.2020 | 15:30 | 15:45 | 2.093 |
| 22.07.2020 | 15:45 | 16:00 | 2.101 |
| 22.07.2020 | 16:00 | 16:15 | 2.110 |
| 22.07.2020 | 16:15 | 16:30 | 2.102 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.07.2020 | 16:30 | 16:45 | 2.062 |
| 22.07.2020 | 16:45 | 17:00 | 2.036 |
| 22.07.2020 | 17:00 | 17:15 | 2.066 |
| 22.07.2020 | 17:15 | 17:30 | 2.032 |
| 22.07.2020 | 17:30 | 17:45 | 2.060 |
| 22.07.2020 | 17:45 | 18:00 | 2.054 |
| 22.07.2020 | 18:00 | 18:15 | 2.070 |
| 22.07.2020 | 18:15 | 18:30 | 2.078 |
| 22.07.2020 | 18:30 | 18:45 | 2.058 |
| 22.07.2020 | 18:45 | 19:00 | 2.071 |
| 22.07.2020 | 19:00 | 19:15 | 2.045 |
| 22.07.2020 | 19:15 | 19:30 | 2.035 |
| 22.07.2020 | 19:30 | 19:45 | 2.012 |
| 22.07.2020 | 19:45 | 20:00 | 1.979 |
| 22.07.2020 | 20:00 | 20:15 | 1.916 |
| 22.07.2020 | 20:15 | 20:30 | 1.876 |
| 22.07.2020 | 20:30 | 20:45 | 1.844 |
| 22.07.2020 | 20:45 | 21:00 | 1.792 |
| 22.07.2020 | 21:00 | 21:15 | 1.755 |
| 22.07.2020 | 21:15 | 21:30 | 1.739 |
| 22.07.2020 | 21:30 | 21:45 | 1.698 |
| 22.07.2020 | 21:45 | 22:00 | 1.697 |
| 22.07.2020 | 22:00 | 22:15 | 1.691 |
| 22.07.2020 | 22:15 | 22:30 | 1.669 |
| 22.07.2020 | 22:30 | 22:45 | 1.615 |
| 22.07.2020 | 22:45 | 23:00 | 1.544 |
| 22.07.2020 | 23:00 | 23:15 | 1.478 |
| 22.07.2020 | 23:15 | 23:30 | 1.411 |
| 22.07.2020 | 23:30 | 23:45 | 1.377 |
| 22.07.2020 | 23:45 | 00:00 | 1.317 |
| 23.07.2020 | 00:00 | 00:15 | 1.277 |
| 23.07.2020 | 00:15 | 00:30 | 1.239 |
| 23.07.2020 | 00:30 | 00:45 | 1.208 |
| 23.07.2020 | 00:45 | 01:00 | 1.183 |
| 23.07.2020 | 01:00 | 01:15 | 1.165 |
| 23.07.2020 | 01:15 | 01:30 | 1.147 |
| 23.07.2020 | 01:30 | 01:45 | 1.122 |
| 23.07.2020 | 01:45 | 02:00 | 1.091 |
| 23.07.2020 | 02:00 | 02:15 | 1.076 |
| 23.07.2020 | 02:15 | 02:30 | 1.064 |
| 23.07.2020 | 02:30 | 02:45 | 1.062 |
| 23.07.2020 | 02:45 | 03:00 | 1.062 |
| 23.07.2020 | 03:00 | 03:15 | 1.063 |
| 23.07.2020 | 03:15 | 03:30 | 1.065 |
| 23.07.2020 | 03:30 | 03:45 | 1.073 |
| 23.07.2020 | 03:45 | 04:00 | 1.079 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.07.2020 | 04:00 | 04:15 | 1.094 |
| 23.07.2020 | 04:15 | 04:30 | 1.121 |
| 23.07.2020 | 04:30 | 04:45 | 1.140 |
| 23.07.2020 | 04:45 | 05:00 | 1.143 |
| 23.07.2020 | 05:00 | 05:15 | 1.168 |
| 23.07.2020 | 05:15 | 05:30 | 1.168 |
| 23.07.2020 | 05:30 | 05:45 | 1.201 |
| 23.07.2020 | 05:45 | 06:00 | 1.246 |
| 23.07.2020 | 06:00 | 06:15 | 1.363 |
| 23.07.2020 | 06:15 | 06:30 | 1.424 |
| 23.07.2020 | 06:30 | 06:45 | 1.456 |
| 23.07.2020 | 06:45 | 07:00 | 1.531 |
| 23.07.2020 | 07:00 | 07:15 | 1.609 |
| 23.07.2020 | 07:15 | 07:30 | 1.679 |
| 23.07.2020 | 07:30 | 07:45 | 1.728 |
| 23.07.2020 | 07:45 | 08:00 | 1.776 |
| 23.07.2020 | 08:00 | 08:15 | 1.815 |
| 23.07.2020 | 08:15 | 08:30 | 1.768 |
| 23.07.2020 | 08:30 | 08:45 | 1.807 |
| 23.07.2020 | 08:45 | 09:00 | 1.844 |
| 23.07.2020 | 09:00 | 09:15 | 1.954 |
| 23.07.2020 | 09:15 | 09:30 | 1.985 |
| 23.07.2020 | 09:30 | 09:45 | 1.982 |
| 23.07.2020 | 09:45 | 10:00 | 2.058 |
| 23.07.2020 | 10:00 | 10:15 | 2.055 |
| 23.07.2020 | 10:15 | 10:30 | 2.076 |
| 23.07.2020 | 10:30 | 10:45 | 2.152 |
| 23.07.2020 | 10:45 | 11:00 | 2.207 |
| 23.07.2020 | 11:00 | 11:15 | 2.174 |
| 23.07.2020 | 11:15 | 11:30 | 2.201 |
| 23.07.2020 | 11:30 | 11:45 | 2.256 |
| 23.07.2020 | 11:45 | 12:00 | 2.218 |
| 23.07.2020 | 12:00 | 12:15 | 2.215 |
| 23.07.2020 | 12:15 | 12:30 | 2.241 |
| 23.07.2020 | 12:30 | 12:45 | 2.246 |
| 23.07.2020 | 12:45 | 13:00 | 2.236 |
| 23.07.2020 | 13:00 | 13:15 | 2.218 |
| 23.07.2020 | 13:15 | 13:30 | 2.176 |
| 23.07.2020 | 13:30 | 13:45 | 2.149 |
| 23.07.2020 | 13:45 | 14:00 | 2.154 |
| 23.07.2020 | 14:00 | 14:15 | 2.164 |
| 23.07.2020 | 14:15 | 14:30 | 2.131 |
| 23.07.2020 | 14:30 | 14:45 | 2.127 |
| 23.07.2020 | 14:45 | 15:00 | 2.099 |
| 23.07.2020 | 15:00 | 15:15 | 2.104 |
| 23.07.2020 | 15:15 | 15:30 | 2.107 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.07.2020 | 15:30 | 15:45 | 2.069 |
| 23.07.2020 | 15:45 | 16:00 | 2.053 |
| 23.07.2020 | 16:00 | 16:15 | 2.091 |
| 23.07.2020 | 16:15 | 16:30 | 2.081 |
| 23.07.2020 | 16:30 | 16:45 | 2.061 |
| 23.07.2020 | 16:45 | 17:00 | 2.054 |
| 23.07.2020 | 17:00 | 17:15 | 2.075 |
| 23.07.2020 | 17:15 | 17:30 | 2.100 |
| 23.07.2020 | 17:30 | 17:45 | 2.067 |
| 23.07.2020 | 17:45 | 18:00 | 2.093 |
| 23.07.2020 | 18:00 | 18:15 | 2.083 |
| 23.07.2020 | 18:15 | 18:30 | 2.137 |
| 23.07.2020 | 18:30 | 18:45 | 2.131 |
| 23.07.2020 | 18:45 | 19:00 | 2.104 |
| 23.07.2020 | 19:00 | 19:15 | 2.071 |
| 23.07.2020 | 19:15 | 19:30 | 2.077 |
| 23.07.2020 | 19:30 | 19:45 | 2.022 |
| 23.07.2020 | 19:45 | 20:00 | 1.984 |
| 23.07.2020 | 20:00 | 20:15 | 1.904 |
| 23.07.2020 | 20:15 | 20:30 | 1.858 |
| 23.07.2020 | 20:30 | 20:45 | 1.821 |
| 23.07.2020 | 20:45 | 21:00 | 1.757 |
| 23.07.2020 | 21:00 | 21:15 | 1.715 |
| 23.07.2020 | 21:15 | 21:30 | 1.653 |
| 23.07.2020 | 21:30 | 21:45 | 1.639 |
| 23.07.2020 | 21:45 | 22:00 | 1.652 |
| 23.07.2020 | 22:00 | 22:15 | 1.657 |
| 23.07.2020 | 22:15 | 22:30 | 1.625 |
| 23.07.2020 | 22:30 | 22:45 | 1.596 |
| 23.07.2020 | 22:45 | 23:00 | 1.523 |
| 23.07.2020 | 23:00 | 23:15 | 1.467 |
| 23.07.2020 | 23:15 | 23:30 | 1.412 |
| 23.07.2020 | 23:30 | 23:45 | 1.360 |
| 23.07.2020 | 23:45 | 00:00 | 1.304 |
| 24.07.2020 | 00:00 | 00:15 | 1.274 |
| 24.07.2020 | 00:15 | 00:30 | 1.239 |
| 24.07.2020 | 00:30 | 00:45 | 1.209 |
| 24.07.2020 | 00:45 | 01:00 | 1.177 |
| 24.07.2020 | 01:00 | 01:15 | 1.153 |
| 24.07.2020 | 01:15 | 01:30 | 1.121 |
| 24.07.2020 | 01:30 | 01:45 | 1.106 |
| 24.07.2020 | 01:45 | 02:00 | 1.095 |
| 24.07.2020 | 02:00 | 02:15 | 1.078 |
| 24.07.2020 | 02:15 | 02:30 | 1.060 |
| 24.07.2020 | 02:30 | 02:45 | 1.056 |
| 24.07.2020 | 02:45 | 03:00 | 1.042 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.07.2020 | 03:00 | 03:15 | 1.044 |
| 24.07.2020 | 03:15 | 03:30 | 1.049 |
| 24.07.2020 | 03:30 | 03:45 | 1.044 |
| 24.07.2020 | 03:45 | 04:00 | 1.048 |
| 24.07.2020 | 04:00 | 04:15 | 1.082 |
| 24.07.2020 | 04:15 | 04:30 | 1.106 |
| 24.07.2020 | 04:30 | 04:45 | 1.122 |
| 24.07.2020 | 04:45 | 05:00 | 1.138 |
| 24.07.2020 | 05:00 | 05:15 | 1.180 |
| 24.07.2020 | 05:15 | 05:30 | 1.190 |
| 24.07.2020 | 05:30 | 05:45 | 1.218 |
| 24.07.2020 | 05:45 | 06:00 | 1.259 |
| 24.07.2020 | 06:00 | 06:15 | 1.337 |
| 24.07.2020 | 06:15 | 06:30 | 1.388 |
| 24.07.2020 | 06:30 | 06:45 | 1.461 |
| 24.07.2020 | 06:45 | 07:00 | 1.519 |
| 24.07.2020 | 07:00 | 07:15 | 1.573 |
| 24.07.2020 | 07:15 | 07:30 | 1.671 |
| 24.07.2020 | 07:30 | 07:45 | 1.741 |
| 24.07.2020 | 07:45 | 08:00 | 1.799 |
| 24.07.2020 | 08:00 | 08:15 | 1.875 |
| 24.07.2020 | 08:15 | 08:30 | 1.929 |
| 24.07.2020 | 08:30 | 08:45 | 1.969 |
| 24.07.2020 | 08:45 | 09:00 | 1.951 |
| 24.07.2020 | 09:00 | 09:15 | 1.979 |
| 24.07.2020 | 09:15 | 09:30 | 2.068 |
| 24.07.2020 | 09:30 | 09:45 | 2.098 |
| 24.07.2020 | 09:45 | 10:00 | 2.102 |
| 24.07.2020 | 10:00 | 10:15 | 2.144 |
| 24.07.2020 | 10:15 | 10:30 | 2.194 |
| 24.07.2020 | 10:30 | 10:45 | 2.208 |
| 24.07.2020 | 10:45 | 11:00 | 2.246 |
| 24.07.2020 | 11:00 | 11:15 | 2.273 |
| 24.07.2020 | 11:15 | 11:30 | 2.322 |
| 24.07.2020 | 11:30 | 11:45 | 2.357 |
| 24.07.2020 | 11:45 | 12:00 | 2.373 |
| 24.07.2020 | 12:00 | 12:15 | 2.362 |
| 24.07.2020 | 12:15 | 12:30 | 2.386 |
| 24.07.2020 | 12:30 | 12:45 | 2.375 |
| 24.07.2020 | 12:45 | 13:00 | 2.404 |
| 24.07.2020 | 13:00 | 13:15 | 2.388 |
| 24.07.2020 | 13:15 | 13:30 | 2.357 |
| 24.07.2020 | 13:30 | 13:45 | 2.320 |
| 24.07.2020 | 13:45 | 14:00 | 2.251 |
| 24.07.2020 | 14:00 | 14:15 | 2.189 |
| 24.07.2020 | 14:15 | 14:30 | 2.186 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.07.2020 | 14:30 | 14:45 | 2.173 |
| 24.07.2020 | 14:45 | 15:00 | 2.177 |
| 24.07.2020 | 15:00 | 15:15 | 2.166 |
| 24.07.2020 | 15:15 | 15:30 | 2.137 |
| 24.07.2020 | 15:30 | 15:45 | 2.129 |
| 24.07.2020 | 15:45 | 16:00 | 2.136 |
| 24.07.2020 | 16:00 | 16:15 | 2.150 |
| 24.07.2020 | 16:15 | 16:30 | 2.111 |
| 24.07.2020 | 16:30 | 16:45 | 2.092 |
| 24.07.2020 | 16:45 | 17:00 | 2.062 |
| 24.07.2020 | 17:00 | 17:15 | 2.035 |
| 24.07.2020 | 17:15 | 17:30 | 2.085 |
| 24.07.2020 | 17:30 | 17:45 | 2.172 |
| 24.07.2020 | 17:45 | 18:00 | 2.116 |
| 24.07.2020 | 18:00 | 18:15 | 2.101 |
| 24.07.2020 | 18:15 | 18:30 | 2.112 |
| 24.07.2020 | 18:30 | 18:45 | 2.107 |
| 24.07.2020 | 18:45 | 19:00 | 2.113 |
| 24.07.2020 | 19:00 | 19:15 | 2.065 |
| 24.07.2020 | 19:15 | 19:30 | 2.030 |
| 24.07.2020 | 19:30 | 19:45 | 1.990 |
| 24.07.2020 | 19:45 | 20:00 | 1.929 |
| 24.07.2020 | 20:00 | 20:15 | 1.891 |
| 24.07.2020 | 20:15 | 20:30 | 1.833 |
| 24.07.2020 | 20:30 | 20:45 | 1.760 |
| 24.07.2020 | 20:45 | 21:00 | 1.731 |
| 24.07.2020 | 21:00 | 21:15 | 1.695 |
| 24.07.2020 | 21:15 | 21:30 | 1.688 |
| 24.07.2020 | 21:30 | 21:45 | 1.686 |
| 24.07.2020 | 21:45 | 22:00 | 1.690 |
| 24.07.2020 | 22:00 | 22:15 | 1.626 |
| 24.07.2020 | 22:15 | 22:30 | 1.563 |
| 24.07.2020 | 22:30 | 22:45 | 1.570 |
| 24.07.2020 | 22:45 | 23:00 | 1.552 |
| 24.07.2020 | 23:00 | 23:15 | 1.506 |
| 24.07.2020 | 23:15 | 23:30 | 1.468 |
| 24.07.2020 | 23:30 | 23:45 | 1.397 |
| 24.07.2020 | 23:45 | 00:00 | 1.353 |
| 25.07.2020 | 00:00 | 00:15 | 1.312 |
| 25.07.2020 | 00:15 | 00:30 | 1.280 |
| 25.07.2020 | 00:30 | 00:45 | 1.253 |
| 25.07.2020 | 00:45 | 01:00 | 1.236 |
| 25.07.2020 | 01:00 | 01:15 | 1.200 |
| 25.07.2020 | 01:15 | 01:30 | 1.166 |
| 25.07.2020 | 01:30 | 01:45 | 1.138 |
| 25.07.2020 | 01:45 | 02:00 | 1.120 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.07.2020 | 02:00 | 02:15 | 1.104 |
| 25.07.2020 | 02:15 | 02:30 | 1.077 |
| 25.07.2020 | 02:30 | 02:45 | 1.053 |
| 25.07.2020 | 02:45 | 03:00 | 1.038 |
| 25.07.2020 | 03:00 | 03:15 | 1.026 |
| 25.07.2020 | 03:15 | 03:30 | 1.020 |
| 25.07.2020 | 03:30 | 03:45 | 1.012 |
| 25.07.2020 | 03:45 | 04:00 | 1.008 |
| 25.07.2020 | 04:00 | 04:15 | 1.016 |
| 25.07.2020 | 04:15 | 04:30 | 1.034 |
| 25.07.2020 | 04:30 | 04:45 | 1.040 |
| 25.07.2020 | 04:45 | 05:00 | 1.047 |
| 25.07.2020 | 05:00 | 05:15 | 1.057 |
| 25.07.2020 | 05:15 | 05:30 | 1.047 |
| 25.07.2020 | 05:30 | 05:45 | 1.046 |
| 25.07.2020 | 05:45 | 06:00 | 1.059 |
| 25.07.2020 | 06:00 | 06:15 | 1.079 |
| 25.07.2020 | 06:15 | 06:30 | 1.099 |
| 25.07.2020 | 06:30 | 06:45 | 1.128 |
| 25.07.2020 | 06:45 | 07:00 | 1.136 |
| 25.07.2020 | 07:00 | 07:15 | 1.174 |
| 25.07.2020 | 07:15 | 07:30 | 1.210 |
| 25.07.2020 | 07:30 | 07:45 | 1.247 |
| 25.07.2020 | 07:45 | 08:00 | 1.306 |
| 25.07.2020 | 08:00 | 08:15 | 1.343 |
| 25.07.2020 | 08:15 | 08:30 | 1.398 |
| 25.07.2020 | 08:30 | 08:45 | 1.463 |
| 25.07.2020 | 08:45 | 09:00 | 1.549 |
| 25.07.2020 | 09:00 | 09:15 | 1.612 |
| 25.07.2020 | 09:15 | 09:30 | 1.698 |
| 25.07.2020 | 09:30 | 09:45 | 1.767 |
| 25.07.2020 | 09:45 | 10:00 | 1.790 |
| 25.07.2020 | 10:00 | 10:15 | 1.812 |
| 25.07.2020 | 10:15 | 10:30 | 1.844 |
| 25.07.2020 | 10:30 | 10:45 | 1.870 |
| 25.07.2020 | 10:45 | 11:00 | 1.868 |
| 25.07.2020 | 11:00 | 11:15 | 1.885 |
| 25.07.2020 | 11:15 | 11:30 | 1.930 |
| 25.07.2020 | 11:30 | 11:45 | 1.936 |
| 25.07.2020 | 11:45 | 12:00 | 1.964 |
| 25.07.2020 | 12:00 | 12:15 | 1.964 |
| 25.07.2020 | 12:15 | 12:30 | 1.941 |
| 25.07.2020 | 12:30 | 12:45 | 1.925 |
| 25.07.2020 | 12:45 | 13:00 | 1.957 |
| 25.07.2020 | 13:00 | 13:15 | 1.904 |
| 25.07.2020 | 13:15 | 13:30 | 1.881 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.07.2020 | 13:30 | 13:45 | 1.860 |
| 25.07.2020 | 13:45 | 14:00 | 1.844 |
| 25.07.2020 | 14:00 | 14:15 | 1.859 |
| 25.07.2020 | 14:15 | 14:30 | 1.844 |
| 25.07.2020 | 14:30 | 14:45 | 1.809 |
| 25.07.2020 | 14:45 | 15:00 | 1.790 |
| 25.07.2020 | 15:00 | 15:15 | 1.761 |
| 25.07.2020 | 15:15 | 15:30 | 1.707 |
| 25.07.2020 | 15:30 | 15:45 | 1.702 |
| 25.07.2020 | 15:45 | 16:00 | 1.708 |
| 25.07.2020 | 16:00 | 16:15 | 1.706 |
| 25.07.2020 | 16:15 | 16:30 | 1.697 |
| 25.07.2020 | 16:30 | 16:45 | 1.677 |
| 25.07.2020 | 16:45 | 17:00 | 1.673 |
| 25.07.2020 | 17:00 | 17:15 | 1.690 |
| 25.07.2020 | 17:15 | 17:30 | 1.694 |
| 25.07.2020 | 17:30 | 17:45 | 1.707 |
| 25.07.2020 | 17:45 | 18:00 | 1.753 |
| 25.07.2020 | 18:00 | 18:15 | 1.763 |
| 25.07.2020 | 18:15 | 18:30 | 1.746 |
| 25.07.2020 | 18:30 | 18:45 | 1.713 |
| 25.07.2020 | 18:45 | 19:00 | 1.703 |
| 25.07.2020 | 19:00 | 19:15 | 1.671 |
| 25.07.2020 | 19:15 | 19:30 | 1.659 |
| 25.07.2020 | 19:30 | 19:45 | 1.624 |
| 25.07.2020 | 19:45 | 20:00 | 1.595 |
| 25.07.2020 | 20:00 | 20:15 | 1.594 |
| 25.07.2020 | 20:15 | 20:30 | 1.547 |
| 25.07.2020 | 20:30 | 20:45 | 1.507 |
| 25.07.2020 | 20:45 | 21:00 | 1.476 |
| 25.07.2020 | 21:00 | 21:15 | 1.475 |
| 25.07.2020 | 21:15 | 21:30 | 1.491 |
| 25.07.2020 | 21:30 | 21:45 | 1.480 |
| 25.07.2020 | 21:45 | 22:00 | 1.525 |
| 25.07.2020 | 22:00 | 22:15 | 1.508 |
| 25.07.2020 | 22:15 | 22:30 | 1.458 |
| 25.07.2020 | 22:30 | 22:45 | 1.423 |
| 25.07.2020 | 22:45 | 23:00 | 1.385 |
| 25.07.2020 | 23:00 | 23:15 | 1.340 |
| 25.07.2020 | 23:15 | 23:30 | 1.300 |
| 25.07.2020 | 23:30 | 23:45 | 1.263 |
| 25.07.2020 | 23:45 | 00:00 | 1.230 |
| 26.07.2020 | 00:00 | 00:15 | 1.191 |
| 26.07.2020 | 00:15 | 00:30 | 1.162 |
| 26.07.2020 | 00:30 | 00:45 | 1.133 |
| 26.07.2020 | 00:45 | 01:00 | 1.106 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.07.2020 | 01:00 | 01:15 | 1.068 |
| 26.07.2020 | 01:15 | 01:30 | 1.056 |
| 26.07.2020 | 01:30 | 01:45 | 1.036 |
| 26.07.2020 | 01:45 | 02:00 | 1.034 |
| 26.07.2020 | 02:00 | 02:15 | 1.013 |
| 26.07.2020 | 02:15 | 02:30 | 981 |
| 26.07.2020 | 02:30 | 02:45 | 930 |
| 26.07.2020 | 02:45 | 03:00 | 923 |
| 26.07.2020 | 03:00 | 03:15 | 922 |
| 26.07.2020 | 03:15 | 03:30 | 911 |
| 26.07.2020 | 03:30 | 03:45 | 927 |
| 26.07.2020 | 03:45 | 04:00 | 931 |
| 26.07.2020 | 04:00 | 04:15 | 928 |
| 26.07.2020 | 04:15 | 04:30 | 926 |
| 26.07.2020 | 04:30 | 04:45 | 931 |
| 26.07.2020 | 04:45 | 05:00 | 945 |
| 26.07.2020 | 05:00 | 05:15 | 943 |
| 26.07.2020 | 05:15 | 05:30 | 945 |
| 26.07.2020 | 05:30 | 05:45 | 915 |
| 26.07.2020 | 05:45 | 06:00 | 911 |
| 26.07.2020 | 06:00 | 06:15 | 919 |
| 26.07.2020 | 06:15 | 06:30 | 906 |
| 26.07.2020 | 06:30 | 06:45 | 919 |
| 26.07.2020 | 06:45 | 07:00 | 923 |
| 26.07.2020 | 07:00 | 07:15 | 930 |
| 26.07.2020 | 07:15 | 07:30 | 956 |
| 26.07.2020 | 07:30 | 07:45 | 986 |
| 26.07.2020 | 07:45 | 08:00 | 1.019 |
| 26.07.2020 | 08:00 | 08:15 | 1.057 |
| 26.07.2020 | 08:15 | 08:30 | 1.097 |
| 26.07.2020 | 08:30 | 08:45 | 1.131 |
| 26.07.2020 | 08:45 | 09:00 | 1.179 |
| 26.07.2020 | 09:00 | 09:15 | 1.225 |
| 26.07.2020 | 09:15 | 09:30 | 1.281 |
| 26.07.2020 | 09:30 | 09:45 | 1.354 |
| 26.07.2020 | 09:45 | 10:00 | 1.400 |
| 26.07.2020 | 10:00 | 10:15 | 1.453 |
| 26.07.2020 | 10:15 | 10:30 | 1.495 |
| 26.07.2020 | 10:30 | 10:45 | 1.540 |
| 26.07.2020 | 10:45 | 11:00 | 1.592 |
| 26.07.2020 | 11:00 | 11:15 | 1.621 |
| 26.07.2020 | 11:15 | 11:30 | 1.676 |
| 26.07.2020 | 11:30 | 11:45 | 1.746 |
| 26.07.2020 | 11:45 | 12:00 | 1.767 |
| 26.07.2020 | 12:00 | 12:15 | 1.789 |
| 26.07.2020 | 12:15 | 12:30 | 1.775 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.07.2020 | 12:30 | 12:45 | 1.783 |
| 26.07.2020 | 12:45 | 13:00 | 1.759 |
| 26.07.2020 | 13:00 | 13:15 | 1.722 |
| 26.07.2020 | 13:15 | 13:30 | 1.660 |
| 26.07.2020 | 13:30 | 13:45 | 1.610 |
| 26.07.2020 | 13:45 | 14:00 | 1.585 |
| 26.07.2020 | 14:00 | 14:15 | 1.574 |
| 26.07.2020 | 14:15 | 14:30 | 1.564 |
| 26.07.2020 | 14:30 | 14:45 | 1.544 |
| 26.07.2020 | 14:45 | 15:00 | 1.532 |
| 26.07.2020 | 15:00 | 15:15 | 1.543 |
| 26.07.2020 | 15:15 | 15:30 | 1.525 |
| 26.07.2020 | 15:30 | 15:45 | 1.513 |
| 26.07.2020 | 15:45 | 16:00 | 1.489 |
| 26.07.2020 | 16:00 | 16:15 | 1.491 |
| 26.07.2020 | 16:15 | 16:30 | 1.488 |
| 26.07.2020 | 16:30 | 16:45 | 1.476 |
| 26.07.2020 | 16:45 | 17:00 | 1.482 |
| 26.07.2020 | 17:00 | 17:15 | 1.496 |
| 26.07.2020 | 17:15 | 17:30 | 1.488 |
| 26.07.2020 | 17:30 | 17:45 | 1.543 |
| 26.07.2020 | 17:45 | 18:00 | 1.552 |
| 26.07.2020 | 18:00 | 18:15 | 1.555 |
| 26.07.2020 | 18:15 | 18:30 | 1.571 |
| 26.07.2020 | 18:30 | 18:45 | 1.583 |
| 26.07.2020 | 18:45 | 19:00 | 1.552 |
| 26.07.2020 | 19:00 | 19:15 | 1.596 |
| 26.07.2020 | 19:15 | 19:30 | 1.641 |
| 26.07.2020 | 19:30 | 19:45 | 1.635 |
| 26.07.2020 | 19:45 | 20:00 | 1.588 |
| 26.07.2020 | 20:00 | 20:15 | 1.582 |
| 26.07.2020 | 20:15 | 20:30 | 1.553 |
| 26.07.2020 | 20:30 | 20:45 | 1.514 |
| 26.07.2020 | 20:45 | 21:00 | 1.495 |
| 26.07.2020 | 21:00 | 21:15 | 1.466 |
| 26.07.2020 | 21:15 | 21:30 | 1.472 |
| 26.07.2020 | 21:30 | 21:45 | 1.489 |
| 26.07.2020 | 21:45 | 22:00 | 1.564 |
| 26.07.2020 | 22:00 | 22:15 | 1.538 |
| 26.07.2020 | 22:15 | 22:30 | 1.489 |
| 26.07.2020 | 22:30 | 22:45 | 1.412 |
| 26.07.2020 | 22:45 | 23:00 | 1.381 |
| 26.07.2020 | 23:00 | 23:15 | 1.321 |
| 26.07.2020 | 23:15 | 23:30 | 1.257 |
| 26.07.2020 | 23:30 | 23:45 | 1.195 |
| 26.07.2020 | 23:45 | 00:00 | 1.156 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.07.2020 | 00:00 | 00:15 | 1.122 |
| 27.07.2020 | 00:15 | 00:30 | 1.102 |
| 27.07.2020 | 00:30 | 00:45 | 1.073 |
| 27.07.2020 | 00:45 | 01:00 | 1.040 |
| 27.07.2020 | 01:00 | 01:15 | 1.019 |
| 27.07.2020 | 01:15 | 01:30 | 992 |
| 27.07.2020 | 01:30 | 01:45 | 973 |
| 27.07.2020 | 01:45 | 02:00 | 967 |
| 27.07.2020 | 02:00 | 02:15 | 950 |
| 27.07.2020 | 02:15 | 02:30 | 946 |
| 27.07.2020 | 02:30 | 02:45 | 940 |
| 27.07.2020 | 02:45 | 03:00 | 932 |
| 27.07.2020 | 03:00 | 03:15 | 933 |
| 27.07.2020 | 03:15 | 03:30 | 934 |
| 27.07.2020 | 03:30 | 03:45 | 923 |
| 27.07.2020 | 03:45 | 04:00 | 930 |
| 27.07.2020 | 04:00 | 04:15 | 956 |
| 27.07.2020 | 04:15 | 04:30 | 982 |
| 27.07.2020 | 04:30 | 04:45 | 999 |
| 27.07.2020 | 04:45 | 05:00 | 1.013 |
| 27.07.2020 | 05:00 | 05:15 | 1.051 |
| 27.07.2020 | 05:15 | 05:30 | 1.071 |
| 27.07.2020 | 05:30 | 05:45 | 1.093 |
| 27.07.2020 | 05:45 | 06:00 | 1.143 |
| 27.07.2020 | 06:00 | 06:15 | 1.225 |
| 27.07.2020 | 06:15 | 06:30 | 1.309 |
| 27.07.2020 | 06:30 | 06:45 | 1.346 |
| 27.07.2020 | 06:45 | 07:00 | 1.409 |
| 27.07.2020 | 07:00 | 07:15 | 1.481 |
| 27.07.2020 | 07:15 | 07:30 | 1.550 |
| 27.07.2020 | 07:30 | 07:45 | 1.638 |
| 27.07.2020 | 07:45 | 08:00 | 1.678 |
| 27.07.2020 | 08:00 | 08:15 | 1.751 |
| 27.07.2020 | 08:15 | 08:30 | 1.801 |
| 27.07.2020 | 08:30 | 08:45 | 1.892 |
| 27.07.2020 | 08:45 | 09:00 | 1.931 |
| 27.07.2020 | 09:00 | 09:15 | 1.950 |
| 27.07.2020 | 09:15 | 09:30 | 2.015 |
| 27.07.2020 | 09:30 | 09:45 | 2.121 |
| 27.07.2020 | 09:45 | 10:00 | 2.109 |
| 27.07.2020 | 10:00 | 10:15 | 2.123 |
| 27.07.2020 | 10:15 | 10:30 | 2.101 |
| 27.07.2020 | 10:30 | 10:45 | 2.203 |
| 27.07.2020 | 10:45 | 11:00 | 2.221 |
| 27.07.2020 | 11:00 | 11:15 | 2.231 |
| 27.07.2020 | 11:15 | 11:30 | 2.276 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.07.2020 | 11:30 | 11:45 | 2.318 |
| 27.07.2020 | 11:45 | 12:00 | 2.362 |
| 27.07.2020 | 12:00 | 12:15 | 2.382 |
| 27.07.2020 | 12:15 | 12:30 | 2.347 |
| 27.07.2020 | 12:30 | 12:45 | 2.375 |
| 27.07.2020 | 12:45 | 13:00 | 2.359 |
| 27.07.2020 | 13:00 | 13:15 | 2.364 |
| 27.07.2020 | 13:15 | 13:30 | 2.355 |
| 27.07.2020 | 13:30 | 13:45 | 2.337 |
| 27.07.2020 | 13:45 | 14:00 | 2.318 |
| 27.07.2020 | 14:00 | 14:15 | 2.281 |
| 27.07.2020 | 14:15 | 14:30 | 2.263 |
| 27.07.2020 | 14:30 | 14:45 | 2.265 |
| 27.07.2020 | 14:45 | 15:00 | 2.193 |
| 27.07.2020 | 15:00 | 15:15 | 2.173 |
| 27.07.2020 | 15:15 | 15:30 | 2.133 |
| 27.07.2020 | 15:30 | 15:45 | 2.139 |
| 27.07.2020 | 15:45 | 16:00 | 2.107 |
| 27.07.2020 | 16:00 | 16:15 | 2.089 |
| 27.07.2020 | 16:15 | 16:30 | 2.068 |
| 27.07.2020 | 16:30 | 16:45 | 2.085 |
| 27.07.2020 | 16:45 | 17:00 | 2.059 |
| 27.07.2020 | 17:00 | 17:15 | 2.081 |
| 27.07.2020 | 17:15 | 17:30 | 2.070 |
| 27.07.2020 | 17:30 | 17:45 | 2.116 |
| 27.07.2020 | 17:45 | 18:00 | 2.147 |
| 27.07.2020 | 18:00 | 18:15 | 2.155 |
| 27.07.2020 | 18:15 | 18:30 | 2.178 |
| 27.07.2020 | 18:30 | 18:45 | 2.164 |
| 27.07.2020 | 18:45 | 19:00 | 2.158 |
| 27.07.2020 | 19:00 | 19:15 | 2.139 |
| 27.07.2020 | 19:15 | 19:30 | 2.156 |
| 27.07.2020 | 19:30 | 19:45 | 2.138 |
| 27.07.2020 | 19:45 | 20:00 | 2.071 |
| 27.07.2020 | 20:00 | 20:15 | 1.984 |
| 27.07.2020 | 20:15 | 20:30 | 1.908 |
| 27.07.2020 | 20:30 | 20:45 | 1.877 |
| 27.07.2020 | 20:45 | 21:00 | 1.867 |
| 27.07.2020 | 21:00 | 21:15 | 1.844 |
| 27.07.2020 | 21:15 | 21:30 | 1.805 |
| 27.07.2020 | 21:30 | 21:45 | 1.763 |
| 27.07.2020 | 21:45 | 22:00 | 1.743 |
| 27.07.2020 | 22:00 | 22:15 | 1.665 |
| 27.07.2020 | 22:15 | 22:30 | 1.656 |
| 27.07.2020 | 22:30 | 22:45 | 1.589 |
| 27.07.2020 | 22:45 | 23:00 | 1.529 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.07.2020 | 23:00 | 23:15 | 1.469 |
| 27.07.2020 | 23:15 | 23:30 | 1.397 |
| 27.07.2020 | 23:30 | 23:45 | 1.350 |
| 27.07.2020 | 23:45 | 00:00 | 1.305 |
| 28.07.2020 | 00:00 | 00:15 | 1.268 |
| 28.07.2020 | 00:15 | 00:30 | 1.235 |
| 28.07.2020 | 00:30 | 00:45 | 1.194 |
| 28.07.2020 | 00:45 | 01:00 | 1.165 |
| 28.07.2020 | 01:00 | 01:15 | 1.138 |
| 28.07.2020 | 01:15 | 01:30 | 1.112 |
| 28.07.2020 | 01:30 | 01:45 | 1.086 |
| 28.07.2020 | 01:45 | 02:00 | 1.081 |
| 28.07.2020 | 02:00 | 02:15 | 1.075 |
| 28.07.2020 | 02:15 | 02:30 | 1.067 |
| 28.07.2020 | 02:30 | 02:45 | 1.063 |
| 28.07.2020 | 02:45 | 03:00 | 1.060 |
| 28.07.2020 | 03:00 | 03:15 | 1.028 |
| 28.07.2020 | 03:15 | 03:30 | 1.032 |
| 28.07.2020 | 03:30 | 03:45 | 1.034 |
| 28.07.2020 | 03:45 | 04:00 | 1.032 |
| 28.07.2020 | 04:00 | 04:15 | 1.045 |
| 28.07.2020 | 04:15 | 04:30 | 1.073 |
| 28.07.2020 | 04:30 | 04:45 | 1.082 |
| 28.07.2020 | 04:45 | 05:00 | 1.098 |
| 28.07.2020 | 05:00 | 05:15 | 1.153 |
| 28.07.2020 | 05:15 | 05:30 | 1.177 |
| 28.07.2020 | 05:30 | 05:45 | 1.192 |
| 28.07.2020 | 05:45 | 06:00 | 1.247 |
| 28.07.2020 | 06:00 | 06:15 | 1.344 |
| 28.07.2020 | 06:15 | 06:30 | 1.426 |
| 28.07.2020 | 06:30 | 06:45 | 1.474 |
| 28.07.2020 | 06:45 | 07:00 | 1.524 |
| 28.07.2020 | 07:00 | 07:15 | 1.592 |
| 28.07.2020 | 07:15 | 07:30 | 1.635 |
| 28.07.2020 | 07:30 | 07:45 | 1.693 |
| 28.07.2020 | 07:45 | 08:00 | 1.709 |
| 28.07.2020 | 08:00 | 08:15 | 1.749 |
| 28.07.2020 | 08:15 | 08:30 | 1.797 |
| 28.07.2020 | 08:30 | 08:45 | 1.841 |
| 28.07.2020 | 08:45 | 09:00 | 1.864 |
| 28.07.2020 | 09:00 | 09:15 | 1.872 |
| 28.07.2020 | 09:15 | 09:30 | 1.919 |
| 28.07.2020 | 09:30 | 09:45 | 1.929 |
| 28.07.2020 | 09:45 | 10:00 | 2.000 |
| 28.07.2020 | 10:00 | 10:15 | 2.035 |
| 28.07.2020 | 10:15 | 10:30 | 2.066 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.07.2020 | 10:30 | 10:45 | 2.096 |
| 28.07.2020 | 10:45 | 11:00 | 2.142 |
| 28.07.2020 | 11:00 | 11:15 | 2.276 |
| 28.07.2020 | 11:15 | 11:30 | 2.312 |
| 28.07.2020 | 11:30 | 11:45 | 2.298 |
| 28.07.2020 | 11:45 | 12:00 | 2.309 |
| 28.07.2020 | 12:00 | 12:15 | 2.332 |
| 28.07.2020 | 12:15 | 12:30 | 2.389 |
| 28.07.2020 | 12:30 | 12:45 | 2.405 |
| 28.07.2020 | 12:45 | 13:00 | 2.365 |
| 28.07.2020 | 13:00 | 13:15 | 2.341 |
| 28.07.2020 | 13:15 | 13:30 | 2.341 |
| 28.07.2020 | 13:30 | 13:45 | 2.280 |
| 28.07.2020 | 13:45 | 14:00 | 2.238 |
| 28.07.2020 | 14:00 | 14:15 | 2.194 |
| 28.07.2020 | 14:15 | 14:30 | 2.250 |
| 28.07.2020 | 14:30 | 14:45 | 2.219 |
| 28.07.2020 | 14:45 | 15:00 | 2.200 |
| 28.07.2020 | 15:00 | 15:15 | 2.195 |
| 28.07.2020 | 15:15 | 15:30 | 2.171 |
| 28.07.2020 | 15:30 | 15:45 | 2.114 |
| 28.07.2020 | 15:45 | 16:00 | 2.094 |
| 28.07.2020 | 16:00 | 16:15 | 2.092 |
| 28.07.2020 | 16:15 | 16:30 | 2.082 |
| 28.07.2020 | 16:30 | 16:45 | 2.113 |
| 28.07.2020 | 16:45 | 17:00 | 2.072 |
| 28.07.2020 | 17:00 | 17:15 | 2.061 |
| 28.07.2020 | 17:15 | 17:30 | 2.105 |
| 28.07.2020 | 17:30 | 17:45 | 2.122 |
| 28.07.2020 | 17:45 | 18:00 | 2.132 |
| 28.07.2020 | 18:00 | 18:15 | 2.131 |
| 28.07.2020 | 18:15 | 18:30 | 2.151 |
| 28.07.2020 | 18:30 | 18:45 | 2.098 |
| 28.07.2020 | 18:45 | 19:00 | 2.115 |
| 28.07.2020 | 19:00 | 19:15 | 2.085 |
| 28.07.2020 | 19:15 | 19:30 | 2.066 |
| 28.07.2020 | 19:30 | 19:45 | 2.035 |
| 28.07.2020 | 19:45 | 20:00 | 2.042 |
| 28.07.2020 | 20:00 | 20:15 | 1.970 |
| 28.07.2020 | 20:15 | 20:30 | 1.881 |
| 28.07.2020 | 20:30 | 20:45 | 1.847 |
| 28.07.2020 | 20:45 | 21:00 | 1.804 |
| 28.07.2020 | 21:00 | 21:15 | 1.797 |
| 28.07.2020 | 21:15 | 21:30 | 1.772 |
| 28.07.2020 | 21:30 | 21:45 | 1.743 |
| 28.07.2020 | 21:45 | 22:00 | 1.749 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.07.2020 | 22:00 | 22:15 | 1.667 |
| 28.07.2020 | 22:15 | 22:30 | 1.623 |
| 28.07.2020 | 22:30 | 22:45 | 1.569 |
| 28.07.2020 | 22:45 | 23:00 | 1.500 |
| 28.07.2020 | 23:00 | 23:15 | 1.433 |
| 28.07.2020 | 23:15 | 23:30 | 1.364 |
| 28.07.2020 | 23:30 | 23:45 | 1.306 |
| 28.07.2020 | 23:45 | 00:00 | 1.270 |
| 29.07.2020 | 00:00 | 00:15 | 1.229 |
| 29.07.2020 | 00:15 | 00:30 | 1.219 |
| 29.07.2020 | 00:30 | 00:45 | 1.193 |
| 29.07.2020 | 00:45 | 01:00 | 1.174 |
| 29.07.2020 | 01:00 | 01:15 | 1.144 |
| 29.07.2020 | 01:15 | 01:30 | 1.119 |
| 29.07.2020 | 01:30 | 01:45 | 1.098 |
| 29.07.2020 | 01:45 | 02:00 | 1.085 |
| 29.07.2020 | 02:00 | 02:15 | 1.071 |
| 29.07.2020 | 02:15 | 02:30 | 1.069 |
| 29.07.2020 | 02:30 | 02:45 | 1.059 |
| 29.07.2020 | 02:45 | 03:00 | 1.039 |
| 29.07.2020 | 03:00 | 03:15 | 1.016 |
| 29.07.2020 | 03:15 | 03:30 | 998 |
| 29.07.2020 | 03:30 | 03:45 | 999 |
| 29.07.2020 | 03:45 | 04:00 | 978 |
| 29.07.2020 | 04:00 | 04:15 | 997 |
| 29.07.2020 | 04:15 | 04:30 | 1.016 |
| 29.07.2020 | 04:30 | 04:45 | 1.066 |
| 29.07.2020 | 04:45 | 05:00 | 1.079 |
| 29.07.2020 | 05:00 | 05:15 | 1.122 |
| 29.07.2020 | 05:15 | 05:30 | 1.140 |
| 29.07.2020 | 05:30 | 05:45 | 1.154 |
| 29.07.2020 | 05:45 | 06:00 | 1.190 |
| 29.07.2020 | 06:00 | 06:15 | 1.245 |
| 29.07.2020 | 06:15 | 06:30 | 1.336 |
| 29.07.2020 | 06:30 | 06:45 | 1.408 |
| 29.07.2020 | 06:45 | 07:00 | 1.472 |
| 29.07.2020 | 07:00 | 07:15 | 1.550 |
| 29.07.2020 | 07:15 | 07:30 | 1.598 |
| 29.07.2020 | 07:30 | 07:45 | 1.627 |
| 29.07.2020 | 07:45 | 08:00 | 1.665 |
| 29.07.2020 | 08:00 | 08:15 | 1.732 |
| 29.07.2020 | 08:15 | 08:30 | 1.794 |
| 29.07.2020 | 08:30 | 08:45 | 1.827 |
| 29.07.2020 | 08:45 | 09:00 | 1.869 |
| 29.07.2020 | 09:00 | 09:15 | 1.923 |
| 29.07.2020 | 09:15 | 09:30 | 2.004 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.07.2020 | 09:30 | 09:45 | 2.084 |
| 29.07.2020 | 09:45 | 10:00 | 2.151 |
| 29.07.2020 | 10:00 | 10:15 | 2.137 |
| 29.07.2020 | 10:15 | 10:30 | 2.172 |
| 29.07.2020 | 10:30 | 10:45 | 2.219 |
| 29.07.2020 | 10:45 | 11:00 | 2.265 |
| 29.07.2020 | 11:00 | 11:15 | 2.235 |
| 29.07.2020 | 11:15 | 11:30 | 2.255 |
| 29.07.2020 | 11:30 | 11:45 | 2.314 |
| 29.07.2020 | 11:45 | 12:00 | 2.311 |
| 29.07.2020 | 12:00 | 12:15 | 2.328 |
| 29.07.2020 | 12:15 | 12:30 | 2.280 |
| 29.07.2020 | 12:30 | 12:45 | 2.241 |
| 29.07.2020 | 12:45 | 13:00 | 2.234 |
| 29.07.2020 | 13:00 | 13:15 | 2.198 |
| 29.07.2020 | 13:15 | 13:30 | 2.202 |
| 29.07.2020 | 13:30 | 13:45 | 2.187 |
| 29.07.2020 | 13:45 | 14:00 | 2.066 |
| 29.07.2020 | 14:00 | 14:15 | 2.091 |
| 29.07.2020 | 14:15 | 14:30 | 2.086 |
| 29.07.2020 | 14:30 | 14:45 | 2.083 |
| 29.07.2020 | 14:45 | 15:00 | 2.086 |
| 29.07.2020 | 15:00 | 15:15 | 2.092 |
| 29.07.2020 | 15:15 | 15:30 | 2.092 |
| 29.07.2020 | 15:30 | 15:45 | 2.075 |
| 29.07.2020 | 15:45 | 16:00 | 2.068 |
| 29.07.2020 | 16:00 | 16:15 | 2.143 |
| 29.07.2020 | 16:15 | 16:30 | 2.131 |
| 29.07.2020 | 16:30 | 16:45 | 2.141 |
| 29.07.2020 | 16:45 | 17:00 | 2.044 |
| 29.07.2020 | 17:00 | 17:15 | 2.061 |
| 29.07.2020 | 17:15 | 17:30 | 2.064 |
| 29.07.2020 | 17:30 | 17:45 | 2.080 |
| 29.07.2020 | 17:45 | 18:00 | 2.120 |
| 29.07.2020 | 18:00 | 18:15 | 2.059 |
| 29.07.2020 | 18:15 | 18:30 | 2.007 |
| 29.07.2020 | 18:30 | 18:45 | 2.031 |
| 29.07.2020 | 18:45 | 19:00 | 2.059 |
| 29.07.2020 | 19:00 | 19:15 | 2.036 |
| 29.07.2020 | 19:15 | 19:30 | 2.025 |
| 29.07.2020 | 19:30 | 19:45 | 2.018 |
| 29.07.2020 | 19:45 | 20:00 | 2.013 |
| 29.07.2020 | 20:00 | 20:15 | 1.945 |
| 29.07.2020 | 20:15 | 20:30 | 1.902 |
| 29.07.2020 | 20:30 | 20:45 | 1.860 |
| 29.07.2020 | 20:45 | 21:00 | 1.825 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.07.2020 | 21:00 | 21:15 | 1.800 |
| 29.07.2020 | 21:15 | 21:30 | 1.769 |
| 29.07.2020 | 21:30 | 21:45 | 1.734 |
| 29.07.2020 | 21:45 | 22:00 | 1.726 |
| 29.07.2020 | 22:00 | 22:15 | 1.678 |
| 29.07.2020 | 22:15 | 22:30 | 1.658 |
| 29.07.2020 | 22:30 | 22:45 | 1.613 |
| 29.07.2020 | 22:45 | 23:00 | 1.530 |
| 29.07.2020 | 23:00 | 23:15 | 1.441 |
| 29.07.2020 | 23:15 | 23:30 | 1.389 |
| 29.07.2020 | 23:30 | 23:45 | 1.325 |
| 29.07.2020 | 23:45 | 00:00 | 1.284 |
| 30.07.2020 | 00:00 | 00:15 | 1.248 |
| 30.07.2020 | 00:15 | 00:30 | 1.216 |
| 30.07.2020 | 00:30 | 00:45 | 1.212 |
| 30.07.2020 | 00:45 | 01:00 | 1.172 |
| 30.07.2020 | 01:00 | 01:15 | 1.117 |
| 30.07.2020 | 01:15 | 01:30 | 1.092 |
| 30.07.2020 | 01:30 | 01:45 | 1.070 |
| 30.07.2020 | 01:45 | 02:00 | 1.037 |
| 30.07.2020 | 02:00 | 02:15 | 1.004 |
| 30.07.2020 | 02:15 | 02:30 | 1.007 |
| 30.07.2020 | 02:30 | 02:45 | 1.002 |
| 30.07.2020 | 02:45 | 03:00 | 993 |
| 30.07.2020 | 03:00 | 03:15 | 1.007 |
| 30.07.2020 | 03:15 | 03:30 | 1.007 |
| 30.07.2020 | 03:30 | 03:45 | 1.032 |
| 30.07.2020 | 03:45 | 04:00 | 1.030 |
| 30.07.2020 | 04:00 | 04:15 | 1.048 |
| 30.07.2020 | 04:15 | 04:30 | 1.073 |
| 30.07.2020 | 04:30 | 04:45 | 1.096 |
| 30.07.2020 | 04:45 | 05:00 | 1.108 |
| 30.07.2020 | 05:00 | 05:15 | 1.157 |
| 30.07.2020 | 05:15 | 05:30 | 1.182 |
| 30.07.2020 | 05:30 | 05:45 | 1.200 |
| 30.07.2020 | 05:45 | 06:00 | 1.242 |
| 30.07.2020 | 06:00 | 06:15 | 1.318 |
| 30.07.2020 | 06:15 | 06:30 | 1.415 |
| 30.07.2020 | 06:30 | 06:45 | 1.488 |
| 30.07.2020 | 06:45 | 07:00 | 1.550 |
| 30.07.2020 | 07:00 | 07:15 | 1.652 |
| 30.07.2020 | 07:15 | 07:30 | 1.703 |
| 30.07.2020 | 07:30 | 07:45 | 1.734 |
| 30.07.2020 | 07:45 | 08:00 | 1.783 |
| 30.07.2020 | 08:00 | 08:15 | 1.841 |
| 30.07.2020 | 08:15 | 08:30 | 1.890 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.07.2020 | 08:30 | 08:45 | 1.944 |
| 30.07.2020 | 08:45 | 09:00 | 2.001 |
| 30.07.2020 | 09:00 | 09:15 | 1.984 |
| 30.07.2020 | 09:15 | 09:30 | 1.950 |
| 30.07.2020 | 09:30 | 09:45 | 1.989 |
| 30.07.2020 | 09:45 | 10:00 | 2.035 |
| 30.07.2020 | 10:00 | 10:15 | 2.042 |
| 30.07.2020 | 10:15 | 10:30 | 2.090 |
| 30.07.2020 | 10:30 | 10:45 | 2.152 |
| 30.07.2020 | 10:45 | 11:00 | 2.243 |
| 30.07.2020 | 11:00 | 11:15 | 2.318 |
| 30.07.2020 | 11:15 | 11:30 | 2.312 |
| 30.07.2020 | 11:30 | 11:45 | 2.335 |
| 30.07.2020 | 11:45 | 12:00 | 2.338 |
| 30.07.2020 | 12:00 | 12:15 | 2.363 |
| 30.07.2020 | 12:15 | 12:30 | 2.372 |
| 30.07.2020 | 12:30 | 12:45 | 2.371 |
| 30.07.2020 | 12:45 | 13:00 | 2.345 |
| 30.07.2020 | 13:00 | 13:15 | 2.322 |
| 30.07.2020 | 13:15 | 13:30 | 2.298 |
| 30.07.2020 | 13:30 | 13:45 | 2.235 |
| 30.07.2020 | 13:45 | 14:00 | 2.176 |
| 30.07.2020 | 14:00 | 14:15 | 2.152 |
| 30.07.2020 | 14:15 | 14:30 | 2.143 |
| 30.07.2020 | 14:30 | 14:45 | 2.141 |
| 30.07.2020 | 14:45 | 15:00 | 2.098 |
| 30.07.2020 | 15:00 | 15:15 | 2.116 |
| 30.07.2020 | 15:15 | 15:30 | 2.120 |
| 30.07.2020 | 15:30 | 15:45 | 2.070 |
| 30.07.2020 | 15:45 | 16:00 | 2.007 |
| 30.07.2020 | 16:00 | 16:15 | 1.997 |
| 30.07.2020 | 16:15 | 16:30 | 2.004 |
| 30.07.2020 | 16:30 | 16:45 | 2.058 |
| 30.07.2020 | 16:45 | 17:00 | 2.073 |
| 30.07.2020 | 17:00 | 17:15 | 2.090 |
| 30.07.2020 | 17:15 | 17:30 | 2.088 |
| 30.07.2020 | 17:30 | 17:45 | 2.110 |
| 30.07.2020 | 17:45 | 18:00 | 2.131 |
| 30.07.2020 | 18:00 | 18:15 | 2.137 |
| 30.07.2020 | 18:15 | 18:30 | 2.094 |
| 30.07.2020 | 18:30 | 18:45 | 2.109 |
| 30.07.2020 | 18:45 | 19:00 | 2.128 |
| 30.07.2020 | 19:00 | 19:15 | 2.097 |
| 30.07.2020 | 19:15 | 19:30 | 2.084 |
| 30.07.2020 | 19:30 | 19:45 | 2.075 |
| 30.07.2020 | 19:45 | 20:00 | 2.115 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.07.2020 | 20:00 | 20:15 | 2.049 |
| 30.07.2020 | 20:15 | 20:30 | 1.953 |
| 30.07.2020 | 20:30 | 20:45 | 1.941 |
| 30.07.2020 | 20:45 | 21:00 | 1.919 |
| 30.07.2020 | 21:00 | 21:15 | 1.902 |
| 30.07.2020 | 21:15 | 21:30 | 1.862 |
| 30.07.2020 | 21:30 | 21:45 | 1.799 |
| 30.07.2020 | 21:45 | 22:00 | 1.790 |
| 30.07.2020 | 22:00 | 22:15 | 1.764 |
| 30.07.2020 | 22:15 | 22:30 | 1.697 |
| 30.07.2020 | 22:30 | 22:45 | 1.661 |
| 30.07.2020 | 22:45 | 23:00 | 1.588 |
| 30.07.2020 | 23:00 | 23:15 | 1.519 |
| 30.07.2020 | 23:15 | 23:30 | 1.449 |
| 30.07.2020 | 23:30 | 23:45 | 1.400 |
| 30.07.2020 | 23:45 | 00:00 | 1.355 |
| 31.07.2020 | 00:00 | 00:15 | 1.318 |
| 31.07.2020 | 00:15 | 00:30 | 1.275 |
| 31.07.2020 | 00:30 | 00:45 | 1.241 |
| 31.07.2020 | 00:45 | 01:00 | 1.213 |
| 31.07.2020 | 01:00 | 01:15 | 1.173 |
| 31.07.2020 | 01:15 | 01:30 | 1.139 |
| 31.07.2020 | 01:30 | 01:45 | 1.122 |
| 31.07.2020 | 01:45 | 02:00 | 1.107 |
| 31.07.2020 | 02:00 | 02:15 | 1.097 |
| 31.07.2020 | 02:15 | 02:30 | 1.087 |
| 31.07.2020 | 02:30 | 02:45 | 1.072 |
| 31.07.2020 | 02:45 | 03:00 | 1.054 |
| 31.07.2020 | 03:00 | 03:15 | 1.060 |
| 31.07.2020 | 03:15 | 03:30 | 1.062 |
| 31.07.2020 | 03:30 | 03:45 | 1.040 |
| 31.07.2020 | 03:45 | 04:00 | 1.027 |
| 31.07.2020 | 04:00 | 04:15 | 1.042 |
| 31.07.2020 | 04:15 | 04:30 | 1.071 |
| 31.07.2020 | 04:30 | 04:45 | 1.103 |
| 31.07.2020 | 04:45 | 05:00 | 1.143 |
| 31.07.2020 | 05:00 | 05:15 | 1.183 |
| 31.07.2020 | 05:15 | 05:30 | 1.213 |
| 31.07.2020 | 05:30 | 05:45 | 1.221 |
| 31.07.2020 | 05:45 | 06:00 | 1.274 |
| 31.07.2020 | 06:00 | 06:15 | 1.359 |
| 31.07.2020 | 06:15 | 06:30 | 1.453 |
| 31.07.2020 | 06:30 | 06:45 | 1.513 |
| 31.07.2020 | 06:45 | 07:00 | 1.572 |
| 31.07.2020 | 07:00 | 07:15 | 1.658 |
| 31.07.2020 | 07:15 | 07:30 | 1.729 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.07.2020 | 07:30 | 07:45 | 1.794 |
| 31.07.2020 | 07:45 | 08:00 | 1.842 |
| 31.07.2020 | 08:00 | 08:15 | 1.896 |
| 31.07.2020 | 08:15 | 08:30 | 1.922 |
| 31.07.2020 | 08:30 | 08:45 | 1.954 |
| 31.07.2020 | 08:45 | 09:00 | 1.997 |
| 31.07.2020 | 09:00 | 09:15 | 2.065 |
| 31.07.2020 | 09:15 | 09:30 | 2.130 |
| 31.07.2020 | 09:30 | 09:45 | 2.172 |
| 31.07.2020 | 09:45 | 10:00 | 2.196 |
| 31.07.2020 | 10:00 | 10:15 | 2.205 |
| 31.07.2020 | 10:15 | 10:30 | 2.231 |
| 31.07.2020 | 10:30 | 10:45 | 2.292 |
| 31.07.2020 | 10:45 | 11:00 | 2.302 |
| 31.07.2020 | 11:00 | 11:15 | 2.323 |
| 31.07.2020 | 11:15 | 11:30 | 2.315 |
| 31.07.2020 | 11:30 | 11:45 | 2.353 |
| 31.07.2020 | 11:45 | 12:00 | 2.394 |
| 31.07.2020 | 12:00 | 12:15 | 2.397 |
| 31.07.2020 | 12:15 | 12:30 | 2.419 |
| 31.07.2020 | 12:30 | 12:45 | 2.382 |
| 31.07.2020 | 12:45 | 13:00 | 2.376 |
| 31.07.2020 | 13:00 | 13:15 | 2.348 |
| 31.07.2020 | 13:15 | 13:30 | 2.304 |
| 31.07.2020 | 13:30 | 13:45 | 2.231 |
| 31.07.2020 | 13:45 | 14:00 | 2.205 |
| 31.07.2020 | 14:00 | 14:15 | 2.186 |
| 31.07.2020 | 14:15 | 14:30 | 2.195 |
| 31.07.2020 | 14:30 | 14:45 | 2.168 |
| 31.07.2020 | 14:45 | 15:00 | 2.151 |
| 31.07.2020 | 15:00 | 15:15 | 2.154 |
| 31.07.2020 | 15:15 | 15:30 | 2.129 |
| 31.07.2020 | 15:30 | 15:45 | 2.073 |
| 31.07.2020 | 15:45 | 16:00 | 2.054 |
| 31.07.2020 | 16:00 | 16:15 | 2.096 |
| 31.07.2020 | 16:15 | 16:30 | 2.106 |
| 31.07.2020 | 16:30 | 16:45 | 2.080 |
| 31.07.2020 | 16:45 | 17:00 | 2.062 |
| 31.07.2020 | 17:00 | 17:15 | 2.060 |
| 31.07.2020 | 17:15 | 17:30 | 2.049 |
| 31.07.2020 | 17:30 | 17:45 | 2.081 |
| 31.07.2020 | 17:45 | 18:00 | 2.102 |
| 31.07.2020 | 18:00 | 18:15 | 2.099 |
| 31.07.2020 | 18:15 | 18:30 | 2.101 |
| 31.07.2020 | 18:30 | 18:45 | 2.072 |
| 31.07.2020 | 18:45 | 19:00 | 2.051 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.07.2020 | 19:00 | 19:15 | 2.015 |
| 31.07.2020 | 19:15 | 19:30 | 1.999 |
| 31.07.2020 | 19:30 | 19:45 | 1.992 |
| 31.07.2020 | 19:45 | 20:00 | 1.971 |
| 31.07.2020 | 20:00 | 20:15 | 1.921 |
| 31.07.2020 | 20:15 | 20:30 | 1.865 |
| 31.07.2020 | 20:30 | 20:45 | 1.826 |
| 31.07.2020 | 20:45 | 21:00 | 1.794 |
| 31.07.2020 | 21:00 | 21:15 | 1.764 |
| 31.07.2020 | 21:15 | 21:30 | 1.755 |
| 31.07.2020 | 21:30 | 21:45 | 1.740 |
| 31.07.2020 | 21:45 | 22:00 | 1.756 |
| 31.07.2020 | 22:00 | 22:15 | 1.706 |
| 31.07.2020 | 22:15 | 22:30 | 1.678 |
| 31.07.2020 | 22:30 | 22:45 | 1.642 |
| 31.07.2020 | 22:45 | 23:00 | 1.610 |
| 31.07.2020 | 23:00 | 23:15 | 1.561 |
| 31.07.2020 | 23:15 | 23:30 | 1.532 |
| 31.07.2020 | 23:30 | 23:45 | 1.479 |
| 31.07.2020 | 23:45 | 00:00 | 1.441 |
| 01.08.2020 | 00:00 | 00:15 | 1.394 |
| 01.08.2020 | 00:15 | 00:30 | 1.336 |
| 01.08.2020 | 00:30 | 00:45 | 1.312 |
| 01.08.2020 | 00:45 | 01:00 | 1.274 |
| 01.08.2020 | 01:00 | 01:15 | 1.234 |
| 01.08.2020 | 01:15 | 01:30 | 1.202 |
| 01.08.2020 | 01:30 | 01:45 | 1.168 |
| 01.08.2020 | 01:45 | 02:00 | 1.153 |
| 01.08.2020 | 02:00 | 02:15 | 1.129 |
| 01.08.2020 | 02:15 | 02:30 | 1.120 |
| 01.08.2020 | 02:30 | 02:45 | 1.087 |
| 01.08.2020 | 02:45 | 03:00 | 1.062 |
| 01.08.2020 | 03:00 | 03:15 | 1.060 |
| 01.08.2020 | 03:15 | 03:30 | 1.055 |
| 01.08.2020 | 03:30 | 03:45 | 1.042 |
| 01.08.2020 | 03:45 | 04:00 | 1.044 |
| 01.08.2020 | 04:00 | 04:15 | 1.047 |
| 01.08.2020 | 04:15 | 04:30 | 1.053 |
| 01.08.2020 | 04:30 | 04:45 | 1.048 |
| 01.08.2020 | 04:45 | 05:00 | 1.060 |
| 01.08.2020 | 05:00 | 05:15 | 1.085 |
| 01.08.2020 | 05:15 | 05:30 | 1.089 |
| 01.08.2020 | 05:30 | 05:45 | 1.067 |
| 01.08.2020 | 05:45 | 06:00 | 1.092 |
| 01.08.2020 | 06:00 | 06:15 | 1.105 |
| 01.08.2020 | 06:15 | 06:30 | 1.139 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.08.2020 | 06:30 | 06:45 | 1.144 |
| 01.08.2020 | 06:45 | 07:00 | 1.160 |
| 01.08.2020 | 07:00 | 07:15 | 1.203 |
| 01.08.2020 | 07:15 | 07:30 | 1.239 |
| 01.08.2020 | 07:30 | 07:45 | 1.285 |
| 01.08.2020 | 07:45 | 08:00 | 1.349 |
| 01.08.2020 | 08:00 | 08:15 | 1.403 |
| 01.08.2020 | 08:15 | 08:30 | 1.480 |
| 01.08.2020 | 08:30 | 08:45 | 1.515 |
| 01.08.2020 | 08:45 | 09:00 | 1.539 |
| 01.08.2020 | 09:00 | 09:15 | 1.614 |
| 01.08.2020 | 09:15 | 09:30 | 1.687 |
| 01.08.2020 | 09:30 | 09:45 | 1.758 |
| 01.08.2020 | 09:45 | 10:00 | 1.815 |
| 01.08.2020 | 10:00 | 10:15 | 1.845 |
| 01.08.2020 | 10:15 | 10:30 | 1.881 |
| 01.08.2020 | 10:30 | 10:45 | 1.855 |
| 01.08.2020 | 10:45 | 11:00 | 1.883 |
| 01.08.2020 | 11:00 | 11:15 | 1.920 |
| 01.08.2020 | 11:15 | 11:30 | 1.922 |
| 01.08.2020 | 11:30 | 11:45 | 1.953 |
| 01.08.2020 | 11:45 | 12:00 | 1.974 |
| 01.08.2020 | 12:00 | 12:15 | 1.966 |
| 01.08.2020 | 12:15 | 12:30 | 1.980 |
| 01.08.2020 | 12:30 | 12:45 | 1.989 |
| 01.08.2020 | 12:45 | 13:00 | 1.992 |
| 01.08.2020 | 13:00 | 13:15 | 1.972 |
| 01.08.2020 | 13:15 | 13:30 | 2.008 |
| 01.08.2020 | 13:30 | 13:45 | 1.985 |
| 01.08.2020 | 13:45 | 14:00 | 1.964 |
| 01.08.2020 | 14:00 | 14:15 | 1.990 |
| 01.08.2020 | 14:15 | 14:30 | 1.958 |
| 01.08.2020 | 14:30 | 14:45 | 1.925 |
| 01.08.2020 | 14:45 | 15:00 | 1.892 |
| 01.08.2020 | 15:00 | 15:15 | 1.876 |
| 01.08.2020 | 15:15 | 15:30 | 1.860 |
| 01.08.2020 | 15:30 | 15:45 | 1.845 |
| 01.08.2020 | 15:45 | 16:00 | 1.847 |
| 01.08.2020 | 16:00 | 16:15 | 1.803 |
| 01.08.2020 | 16:15 | 16:30 | 1.794 |
| 01.08.2020 | 16:30 | 16:45 | 1.793 |
| 01.08.2020 | 16:45 | 17:00 | 1.805 |
| 01.08.2020 | 17:00 | 17:15 | 1.832 |
| 01.08.2020 | 17:15 | 17:30 | 1.827 |
| 01.08.2020 | 17:30 | 17:45 | 1.832 |
| 01.08.2020 | 17:45 | 18:00 | 1.837 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.08.2020 | 18:00 | 18:15 | 1.826 |
| 01.08.2020 | 18:15 | 18:30 | 1.822 |
| 01.08.2020 | 18:30 | 18:45 | 1.815 |
| 01.08.2020 | 18:45 | 19:00 | 1.803 |
| 01.08.2020 | 19:00 | 19:15 | 1.825 |
| 01.08.2020 | 19:15 | 19:30 | 1.823 |
| 01.08.2020 | 19:30 | 19:45 | 1.804 |
| 01.08.2020 | 19:45 | 20:00 | 1.781 |
| 01.08.2020 | 20:00 | 20:15 | 1.734 |
| 01.08.2020 | 20:15 | 20:30 | 1.704 |
| 01.08.2020 | 20:30 | 20:45 | 1.667 |
| 01.08.2020 | 20:45 | 21:00 | 1.645 |
| 01.08.2020 | 21:00 | 21:15 | 1.625 |
| 01.08.2020 | 21:15 | 21:30 | 1.598 |
| 01.08.2020 | 21:30 | 21:45 | 1.585 |
| 01.08.2020 | 21:45 | 22:00 | 1.636 |
| 01.08.2020 | 22:00 | 22:15 | 1.612 |
| 01.08.2020 | 22:15 | 22:30 | 1.581 |
| 01.08.2020 | 22:30 | 22:45 | 1.529 |
| 01.08.2020 | 22:45 | 23:00 | 1.488 |
| 01.08.2020 | 23:00 | 23:15 | 1.441 |
| 01.08.2020 | 23:15 | 23:30 | 1.392 |
| 01.08.2020 | 23:30 | 23:45 | 1.357 |
| 01.08.2020 | 23:45 | 00:00 | 1.326 |
| 02.08.2020 | 00:00 | 00:15 | 1.284 |
| 02.08.2020 | 00:15 | 00:30 | 1.248 |
| 02.08.2020 | 00:30 | 00:45 | 1.215 |
| 02.08.2020 | 00:45 | 01:00 | 1.180 |
| 02.08.2020 | 01:00 | 01:15 | 1.143 |
| 02.08.2020 | 01:15 | 01:30 | 1.128 |
| 02.08.2020 | 01:30 | 01:45 | 1.080 |
| 02.08.2020 | 01:45 | 02:00 | 1.053 |
| 02.08.2020 | 02:00 | 02:15 | 1.055 |
| 02.08.2020 | 02:15 | 02:30 | 1.039 |
| 02.08.2020 | 02:30 | 02:45 | 1.022 |
| 02.08.2020 | 02:45 | 03:00 | 1.020 |
| 02.08.2020 | 03:00 | 03:15 | 1.012 |
| 02.08.2020 | 03:15 | 03:30 | 1.004 |
| 02.08.2020 | 03:30 | 03:45 | 997 |
| 02.08.2020 | 03:45 | 04:00 | 1.006 |
| 02.08.2020 | 04:00 | 04:15 | 1.005 |
| 02.08.2020 | 04:15 | 04:30 | 999 |
| 02.08.2020 | 04:30 | 04:45 | 1.005 |
| 02.08.2020 | 04:45 | 05:00 | 1.008 |
| 02.08.2020 | 05:00 | 05:15 | 1.018 |
| 02.08.2020 | 05:15 | 05:30 | 1.032 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.08.2020 | 05:30 | 05:45 | 1.028 |
| 02.08.2020 | 05:45 | 06:00 | 1.010 |
| 02.08.2020 | 06:00 | 06:15 | 1.025 |
| 02.08.2020 | 06:15 | 06:30 | 1.027 |
| 02.08.2020 | 06:30 | 06:45 | 1.030 |
| 02.08.2020 | 06:45 | 07:00 | 1.036 |
| 02.08.2020 | 07:00 | 07:15 | 1.061 |
| 02.08.2020 | 07:15 | 07:30 | 1.075 |
| 02.08.2020 | 07:30 | 07:45 | 1.100 |
| 02.08.2020 | 07:45 | 08:00 | 1.139 |
| 02.08.2020 | 08:00 | 08:15 | 1.172 |
| 02.08.2020 | 08:15 | 08:30 | 1.217 |
| 02.08.2020 | 08:30 | 08:45 | 1.273 |
| 02.08.2020 | 08:45 | 09:00 | 1.315 |
| 02.08.2020 | 09:00 | 09:15 | 1.370 |
| 02.08.2020 | 09:15 | 09:30 | 1.438 |
| 02.08.2020 | 09:30 | 09:45 | 1.488 |
| 02.08.2020 | 09:45 | 10:00 | 1.521 |
| 02.08.2020 | 10:00 | 10:15 | 1.556 |
| 02.08.2020 | 10:15 | 10:30 | 1.605 |
| 02.08.2020 | 10:30 | 10:45 | 1.646 |
| 02.08.2020 | 10:45 | 11:00 | 1.674 |
| 02.08.2020 | 11:00 | 11:15 | 1.696 |
| 02.08.2020 | 11:15 | 11:30 | 1.721 |
| 02.08.2020 | 11:30 | 11:45 | 1.777 |
| 02.08.2020 | 11:45 | 12:00 | 1.784 |
| 02.08.2020 | 12:00 | 12:15 | 1.813 |
| 02.08.2020 | 12:15 | 12:30 | 1.837 |
| 02.08.2020 | 12:30 | 12:45 | 1.865 |
| 02.08.2020 | 12:45 | 13:00 | 1.787 |
| 02.08.2020 | 13:00 | 13:15 | 1.824 |
| 02.08.2020 | 13:15 | 13:30 | 1.768 |
| 02.08.2020 | 13:30 | 13:45 | 1.736 |
| 02.08.2020 | 13:45 | 14:00 | 1.739 |
| 02.08.2020 | 14:00 | 14:15 | 1.689 |
| 02.08.2020 | 14:15 | 14:30 | 1.646 |
| 02.08.2020 | 14:30 | 14:45 | 1.629 |
| 02.08.2020 | 14:45 | 15:00 | 1.599 |
| 02.08.2020 | 15:00 | 15:15 | 1.608 |
| 02.08.2020 | 15:15 | 15:30 | 1.580 |
| 02.08.2020 | 15:30 | 15:45 | 1.576 |
| 02.08.2020 | 15:45 | 16:00 | 1.602 |
| 02.08.2020 | 16:00 | 16:15 | 1.642 |
| 02.08.2020 | 16:15 | 16:30 | 1.637 |
| 02.08.2020 | 16:30 | 16:45 | 1.627 |
| 02.08.2020 | 16:45 | 17:00 | 1.619 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.08.2020 | 17:00 | 17:15 | 1.643 |
| 02.08.2020 | 17:15 | 17:30 | 1.673 |
| 02.08.2020 | 17:30 | 17:45 | 1.676 |
| 02.08.2020 | 17:45 | 18:00 | 1.680 |
| 02.08.2020 | 18:00 | 18:15 | 1.673 |
| 02.08.2020 | 18:15 | 18:30 | 1.668 |
| 02.08.2020 | 18:30 | 18:45 | 1.658 |
| 02.08.2020 | 18:45 | 19:00 | 1.652 |
| 02.08.2020 | 19:00 | 19:15 | 1.642 |
| 02.08.2020 | 19:15 | 19:30 | 1.662 |
| 02.08.2020 | 19:30 | 19:45 | 1.652 |
| 02.08.2020 | 19:45 | 20:00 | 1.622 |
| 02.08.2020 | 20:00 | 20:15 | 1.585 |
| 02.08.2020 | 20:15 | 20:30 | 1.547 |
| 02.08.2020 | 20:30 | 20:45 | 1.525 |
| 02.08.2020 | 20:45 | 21:00 | 1.491 |
| 02.08.2020 | 21:00 | 21:15 | 1.474 |
| 02.08.2020 | 21:15 | 21:30 | 1.481 |
| 02.08.2020 | 21:30 | 21:45 | 1.480 |
| 02.08.2020 | 21:45 | 22:00 | 1.535 |
| 02.08.2020 | 22:00 | 22:15 | 1.504 |
| 02.08.2020 | 22:15 | 22:30 | 1.438 |
| 02.08.2020 | 22:30 | 22:45 | 1.393 |
| 02.08.2020 | 22:45 | 23:00 | 1.346 |
| 02.08.2020 | 23:00 | 23:15 | 1.308 |
| 02.08.2020 | 23:15 | 23:30 | 1.282 |
| 02.08.2020 | 23:30 | 23:45 | 1.246 |
| 02.08.2020 | 23:45 | 00:00 | 1.208 |
| 03.08.2020 | 00:00 | 00:15 | 1.168 |
| 03.08.2020 | 00:15 | 00:30 | 1.138 |
| 03.08.2020 | 00:30 | 00:45 | 1.099 |
| 03.08.2020 | 00:45 | 01:00 | 1.081 |
| 03.08.2020 | 01:00 | 01:15 | 1.061 |
| 03.08.2020 | 01:15 | 01:30 | 1.051 |
| 03.08.2020 | 01:30 | 01:45 | 1.035 |
| 03.08.2020 | 01:45 | 02:00 | 1.045 |
| 03.08.2020 | 02:00 | 02:15 | 1.041 |
| 03.08.2020 | 02:15 | 02:30 | 1.033 |
| 03.08.2020 | 02:30 | 02:45 | 1.025 |
| 03.08.2020 | 02:45 | 03:00 | 1.027 |
| 03.08.2020 | 03:00 | 03:15 | 1.027 |
| 03.08.2020 | 03:15 | 03:30 | 1.016 |
| 03.08.2020 | 03:30 | 03:45 | 1.012 |
| 03.08.2020 | 03:45 | 04:00 | 1.015 |
| 03.08.2020 | 04:00 | 04:15 | 1.049 |
| 03.08.2020 | 04:15 | 04:30 | 1.050 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.08.2020 | 04:30 | 04:45 | 1.049 |
| 03.08.2020 | 04:45 | 05:00 | 1.059 |
| 03.08.2020 | 05:00 | 05:15 | 1.108 |
| 03.08.2020 | 05:15 | 05:30 | 1.143 |
| 03.08.2020 | 05:30 | 05:45 | 1.174 |
| 03.08.2020 | 05:45 | 06:00 | 1.221 |
| 03.08.2020 | 06:00 | 06:15 | 1.313 |
| 03.08.2020 | 06:15 | 06:30 | 1.406 |
| 03.08.2020 | 06:30 | 06:45 | 1.467 |
| 03.08.2020 | 06:45 | 07:00 | 1.520 |
| 03.08.2020 | 07:00 | 07:15 | 1.585 |
| 03.08.2020 | 07:15 | 07:30 | 1.622 |
| 03.08.2020 | 07:30 | 07:45 | 1.684 |
| 03.08.2020 | 07:45 | 08:00 | 1.765 |
| 03.08.2020 | 08:00 | 08:15 | 1.808 |
| 03.08.2020 | 08:15 | 08:30 | 1.843 |
| 03.08.2020 | 08:30 | 08:45 | 1.907 |
| 03.08.2020 | 08:45 | 09:00 | 1.964 |
| 03.08.2020 | 09:00 | 09:15 | 2.033 |
| 03.08.2020 | 09:15 | 09:30 | 2.087 |
| 03.08.2020 | 09:30 | 09:45 | 2.113 |
| 03.08.2020 | 09:45 | 10:00 | 2.189 |
| 03.08.2020 | 10:00 | 10:15 | 2.199 |
| 03.08.2020 | 10:15 | 10:30 | 2.229 |
| 03.08.2020 | 10:30 | 10:45 | 2.209 |
| 03.08.2020 | 10:45 | 11:00 | 2.252 |
| 03.08.2020 | 11:00 | 11:15 | 2.258 |
| 03.08.2020 | 11:15 | 11:30 | 2.254 |
| 03.08.2020 | 11:30 | 11:45 | 2.307 |
| 03.08.2020 | 11:45 | 12:00 | 2.311 |
| 03.08.2020 | 12:00 | 12:15 | 2.290 |
| 03.08.2020 | 12:15 | 12:30 | 2.301 |
| 03.08.2020 | 12:30 | 12:45 | 2.311 |
| 03.08.2020 | 12:45 | 13:00 | 2.319 |
| 03.08.2020 | 13:00 | 13:15 | 2.346 |
| 03.08.2020 | 13:15 | 13:30 | 2.333 |
| 03.08.2020 | 13:30 | 13:45 | 2.343 |
| 03.08.2020 | 13:45 | 14:00 | 2.321 |
| 03.08.2020 | 14:00 | 14:15 | 2.265 |
| 03.08.2020 | 14:15 | 14:30 | 2.223 |
| 03.08.2020 | 14:30 | 14:45 | 2.204 |
| 03.08.2020 | 14:45 | 15:00 | 2.196 |
| 03.08.2020 | 15:00 | 15:15 | 2.209 |
| 03.08.2020 | 15:15 | 15:30 | 2.184 |
| 03.08.2020 | 15:30 | 15:45 | 2.181 |
| 03.08.2020 | 15:45 | 16:00 | 2.160 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.08.2020 | 16:00 | 16:15 | 2.164 |
| 03.08.2020 | 16:15 | 16:30 | 2.144 |
| 03.08.2020 | 16:30 | 16:45 | 2.175 |
| 03.08.2020 | 16:45 | 17:00 | 2.163 |
| 03.08.2020 | 17:00 | 17:15 | 2.166 |
| 03.08.2020 | 17:15 | 17:30 | 2.165 |
| 03.08.2020 | 17:30 | 17:45 | 2.191 |
| 03.08.2020 | 17:45 | 18:00 | 2.184 |
| 03.08.2020 | 18:00 | 18:15 | 2.195 |
| 03.08.2020 | 18:15 | 18:30 | 2.196 |
| 03.08.2020 | 18:30 | 18:45 | 2.157 |
| 03.08.2020 | 18:45 | 19:00 | 2.186 |
| 03.08.2020 | 19:00 | 19:15 | 2.171 |
| 03.08.2020 | 19:15 | 19:30 | 2.134 |
| 03.08.2020 | 19:30 | 19:45 | 2.106 |
| 03.08.2020 | 19:45 | 20:00 | 2.044 |
| 03.08.2020 | 20:00 | 20:15 | 1.998 |
| 03.08.2020 | 20:15 | 20:30 | 1.941 |
| 03.08.2020 | 20:30 | 20:45 | 1.920 |
| 03.08.2020 | 20:45 | 21:00 | 1.912 |
| 03.08.2020 | 21:00 | 21:15 | 1.862 |
| 03.08.2020 | 21:15 | 21:30 | 1.834 |
| 03.08.2020 | 21:30 | 21:45 | 1.818 |
| 03.08.2020 | 21:45 | 22:00 | 1.786 |
| 03.08.2020 | 22:00 | 22:15 | 1.707 |
| 03.08.2020 | 22:15 | 22:30 | 1.656 |
| 03.08.2020 | 22:30 | 22:45 | 1.583 |
| 03.08.2020 | 22:45 | 23:00 | 1.547 |
| 03.08.2020 | 23:00 | 23:15 | 1.489 |
| 03.08.2020 | 23:15 | 23:30 | 1.431 |
| 03.08.2020 | 23:30 | 23:45 | 1.374 |
| 03.08.2020 | 23:45 | 00:00 | 1.323 |
| 04.08.2020 | 00:00 | 00:15 | 1.269 |
| 04.08.2020 | 00:15 | 00:30 | 1.247 |
| 04.08.2020 | 00:30 | 00:45 | 1.216 |
| 04.08.2020 | 00:45 | 01:00 | 1.184 |
| 04.08.2020 | 01:00 | 01:15 | 1.141 |
| 04.08.2020 | 01:15 | 01:30 | 1.119 |
| 04.08.2020 | 01:30 | 01:45 | 1.093 |
| 04.08.2020 | 01:45 | 02:00 | 1.082 |
| 04.08.2020 | 02:00 | 02:15 | 1.071 |
| 04.08.2020 | 02:15 | 02:30 | 1.069 |
| 04.08.2020 | 02:30 | 02:45 | 1.053 |
| 04.08.2020 | 02:45 | 03:00 | 1.038 |
| 04.08.2020 | 03:00 | 03:15 | 1.028 |
| 04.08.2020 | 03:15 | 03:30 | 1.007 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.08.2020 | 03:30 | 03:45 | 1.000 |
| 04.08.2020 | 03:45 | 04:00 | 1.009 |
| 04.08.2020 | 04:00 | 04:15 | 1.026 |
| 04.08.2020 | 04:15 | 04:30 | 1.082 |
| 04.08.2020 | 04:30 | 04:45 | 1.104 |
| 04.08.2020 | 04:45 | 05:00 | 1.112 |
| 04.08.2020 | 05:00 | 05:15 | 1.160 |
| 04.08.2020 | 05:15 | 05:30 | 1.195 |
| 04.08.2020 | 05:30 | 05:45 | 1.208 |
| 04.08.2020 | 05:45 | 06:00 | 1.252 |
| 04.08.2020 | 06:00 | 06:15 | 1.343 |
| 04.08.2020 | 06:15 | 06:30 | 1.428 |
| 04.08.2020 | 06:30 | 06:45 | 1.494 |
| 04.08.2020 | 06:45 | 07:00 | 1.553 |
| 04.08.2020 | 07:00 | 07:15 | 1.640 |
| 04.08.2020 | 07:15 | 07:30 | 1.705 |
| 04.08.2020 | 07:30 | 07:45 | 1.733 |
| 04.08.2020 | 07:45 | 08:00 | 1.798 |
| 04.08.2020 | 08:00 | 08:15 | 1.846 |
| 04.08.2020 | 08:15 | 08:30 | 1.898 |
| 04.08.2020 | 08:30 | 08:45 | 1.816 |
| 04.08.2020 | 08:45 | 09:00 | 1.846 |
| 04.08.2020 | 09:00 | 09:15 | 1.880 |
| 04.08.2020 | 09:15 | 09:30 | 1.936 |
| 04.08.2020 | 09:30 | 09:45 | 2.007 |
| 04.08.2020 | 09:45 | 10:00 | 2.022 |
| 04.08.2020 | 10:00 | 10:15 | 2.077 |
| 04.08.2020 | 10:15 | 10:30 | 2.100 |
| 04.08.2020 | 10:30 | 10:45 | 2.104 |
| 04.08.2020 | 10:45 | 11:00 | 2.220 |
| 04.08.2020 | 11:00 | 11:15 | 2.259 |
| 04.08.2020 | 11:15 | 11:30 | 2.257 |
| 04.08.2020 | 11:30 | 11:45 | 2.301 |
| 04.08.2020 | 11:45 | 12:00 | 2.343 |
| 04.08.2020 | 12:00 | 12:15 | 2.398 |
| 04.08.2020 | 12:15 | 12:30 | 2.388 |
| 04.08.2020 | 12:30 | 12:45 | 2.343 |
| 04.08.2020 | 12:45 | 13:00 | 2.334 |
| 04.08.2020 | 13:00 | 13:15 | 2.307 |
| 04.08.2020 | 13:15 | 13:30 | 2.263 |
| 04.08.2020 | 13:30 | 13:45 | 2.274 |
| 04.08.2020 | 13:45 | 14:00 | 2.266 |
| 04.08.2020 | 14:00 | 14:15 | 2.265 |
| 04.08.2020 | 14:15 | 14:30 | 2.272 |
| 04.08.2020 | 14:30 | 14:45 | 2.206 |
| 04.08.2020 | 14:45 | 15:00 | 2.198 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.08.2020 | 15:00 | 15:15 | 2.184 |
| 04.08.2020 | 15:15 | 15:30 | 2.186 |
| 04.08.2020 | 15:30 | 15:45 | 2.156 |
| 04.08.2020 | 15:45 | 16:00 | 2.103 |
| 04.08.2020 | 16:00 | 16:15 | 2.108 |
| 04.08.2020 | 16:15 | 16:30 | 2.082 |
| 04.08.2020 | 16:30 | 16:45 | 2.077 |
| 04.08.2020 | 16:45 | 17:00 | 2.101 |
| 04.08.2020 | 17:00 | 17:15 | 2.147 |
| 04.08.2020 | 17:15 | 17:30 | 2.138 |
| 04.08.2020 | 17:30 | 17:45 | 2.184 |
| 04.08.2020 | 17:45 | 18:00 | 2.184 |
| 04.08.2020 | 18:00 | 18:15 | 2.186 |
| 04.08.2020 | 18:15 | 18:30 | 2.191 |
| 04.08.2020 | 18:30 | 18:45 | 2.213 |
| 04.08.2020 | 18:45 | 19:00 | 2.209 |
| 04.08.2020 | 19:00 | 19:15 | 2.211 |
| 04.08.2020 | 19:15 | 19:30 | 2.168 |
| 04.08.2020 | 19:30 | 19:45 | 2.145 |
| 04.08.2020 | 19:45 | 20:00 | 2.100 |
| 04.08.2020 | 20:00 | 20:15 | 2.012 |
| 04.08.2020 | 20:15 | 20:30 | 1.961 |
| 04.08.2020 | 20:30 | 20:45 | 1.877 |
| 04.08.2020 | 20:45 | 21:00 | 1.846 |
| 04.08.2020 | 21:00 | 21:15 | 1.830 |
| 04.08.2020 | 21:15 | 21:30 | 1.796 |
| 04.08.2020 | 21:30 | 21:45 | 1.799 |
| 04.08.2020 | 21:45 | 22:00 | 1.767 |
| 04.08.2020 | 22:00 | 22:15 | 1.692 |
| 04.08.2020 | 22:15 | 22:30 | 1.677 |
| 04.08.2020 | 22:30 | 22:45 | 1.616 |
| 04.08.2020 | 22:45 | 23:00 | 1.541 |
| 04.08.2020 | 23:00 | 23:15 | 1.481 |
| 04.08.2020 | 23:15 | 23:30 | 1.424 |
| 04.08.2020 | 23:30 | 23:45 | 1.380 |
| 04.08.2020 | 23:45 | 00:00 | 1.342 |
| 05.08.2020 | 00:00 | 00:15 | 1.292 |
| 05.08.2020 | 00:15 | 00:30 | 1.251 |
| 05.08.2020 | 00:30 | 00:45 | 1.221 |
| 05.08.2020 | 00:45 | 01:00 | 1.189 |
| 05.08.2020 | 01:00 | 01:15 | 1.160 |
| 05.08.2020 | 01:15 | 01:30 | 1.144 |
| 05.08.2020 | 01:30 | 01:45 | 1.116 |
| 05.08.2020 | 01:45 | 02:00 | 1.102 |
| 05.08.2020 | 02:00 | 02:15 | 1.090 |
| 05.08.2020 | 02:15 | 02:30 | 1.097 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.08.2020 | 02:30 | 02:45 | 1.089 |
| 05.08.2020 | 02:45 | 03:00 | 1.079 |
| 05.08.2020 | 03:00 | 03:15 | 1.059 |
| 05.08.2020 | 03:15 | 03:30 | 1.069 |
| 05.08.2020 | 03:30 | 03:45 | 1.077 |
| 05.08.2020 | 03:45 | 04:00 | 1.080 |
| 05.08.2020 | 04:00 | 04:15 | 1.097 |
| 05.08.2020 | 04:15 | 04:30 | 1.119 |
| 05.08.2020 | 04:30 | 04:45 | 1.155 |
| 05.08.2020 | 04:45 | 05:00 | 1.173 |
| 05.08.2020 | 05:00 | 05:15 | 1.211 |
| 05.08.2020 | 05:15 | 05:30 | 1.247 |
| 05.08.2020 | 05:30 | 05:45 | 1.266 |
| 05.08.2020 | 05:45 | 06:00 | 1.313 |
| 05.08.2020 | 06:00 | 06:15 | 1.394 |
| 05.08.2020 | 06:15 | 06:30 | 1.491 |
| 05.08.2020 | 06:30 | 06:45 | 1.533 |
| 05.08.2020 | 06:45 | 07:00 | 1.597 |
| 05.08.2020 | 07:00 | 07:15 | 1.625 |
| 05.08.2020 | 07:15 | 07:30 | 1.688 |
| 05.08.2020 | 07:30 | 07:45 | 1.759 |
| 05.08.2020 | 07:45 | 08:00 | 1.849 |
| 05.08.2020 | 08:00 | 08:15 | 1.932 |
| 05.08.2020 | 08:15 | 08:30 | 1.963 |
| 05.08.2020 | 08:30 | 08:45 | 2.001 |
| 05.08.2020 | 08:45 | 09:00 | 2.052 |
| 05.08.2020 | 09:00 | 09:15 | 2.106 |
| 05.08.2020 | 09:15 | 09:30 | 2.148 |
| 05.08.2020 | 09:30 | 09:45 | 2.161 |
| 05.08.2020 | 09:45 | 10:00 | 2.082 |
| 05.08.2020 | 10:00 | 10:15 | 2.088 |
| 05.08.2020 | 10:15 | 10:30 | 2.156 |
| 05.08.2020 | 10:30 | 10:45 | 2.228 |
| 05.08.2020 | 10:45 | 11:00 | 2.311 |
| 05.08.2020 | 11:00 | 11:15 | 2.317 |
| 05.08.2020 | 11:15 | 11:30 | 2.414 |
| 05.08.2020 | 11:30 | 11:45 | 2.431 |
| 05.08.2020 | 11:45 | 12:00 | 2.373 |
| 05.08.2020 | 12:00 | 12:15 | 2.451 |
| 05.08.2020 | 12:15 | 12:30 | 2.440 |
| 05.08.2020 | 12:30 | 12:45 | 2.442 |
| 05.08.2020 | 12:45 | 13:00 | 2.402 |
| 05.08.2020 | 13:00 | 13:15 | 2.358 |
| 05.08.2020 | 13:15 | 13:30 | 2.345 |
| 05.08.2020 | 13:30 | 13:45 | 2.319 |
| 05.08.2020 | 13:45 | 14:00 | 2.314 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.08.2020 | 14:00 | 14:15 | 2.296 |
| 05.08.2020 | 14:15 | 14:30 | 2.325 |
| 05.08.2020 | 14:30 | 14:45 | 2.323 |
| 05.08.2020 | 14:45 | 15:00 | 2.266 |
| 05.08.2020 | 15:00 | 15:15 | 2.242 |
| 05.08.2020 | 15:15 | 15:30 | 2.234 |
| 05.08.2020 | 15:30 | 15:45 | 2.200 |
| 05.08.2020 | 15:45 | 16:00 | 2.213 |
| 05.08.2020 | 16:00 | 16:15 | 2.197 |
| 05.08.2020 | 16:15 | 16:30 | 2.222 |
| 05.08.2020 | 16:30 | 16:45 | 2.209 |
| 05.08.2020 | 16:45 | 17:00 | 2.196 |
| 05.08.2020 | 17:00 | 17:15 | 2.181 |
| 05.08.2020 | 17:15 | 17:30 | 2.186 |
| 05.08.2020 | 17:30 | 17:45 | 2.163 |
| 05.08.2020 | 17:45 | 18:00 | 2.172 |
| 05.08.2020 | 18:00 | 18:15 | 2.206 |
| 05.08.2020 | 18:15 | 18:30 | 2.220 |
| 05.08.2020 | 18:30 | 18:45 | 2.252 |
| 05.08.2020 | 18:45 | 19:00 | 2.264 |
| 05.08.2020 | 19:00 | 19:15 | 2.272 |
| 05.08.2020 | 19:15 | 19:30 | 2.244 |
| 05.08.2020 | 19:30 | 19:45 | 2.239 |
| 05.08.2020 | 19:45 | 20:00 | 2.153 |
| 05.08.2020 | 20:00 | 20:15 | 2.105 |
| 05.08.2020 | 20:15 | 20:30 | 2.071 |
| 05.08.2020 | 20:30 | 20:45 | 1.982 |
| 05.08.2020 | 20:45 | 21:00 | 1.957 |
| 05.08.2020 | 21:00 | 21:15 | 1.950 |
| 05.08.2020 | 21:15 | 21:30 | 1.938 |
| 05.08.2020 | 21:30 | 21:45 | 1.957 |
| 05.08.2020 | 21:45 | 22:00 | 1.935 |
| 05.08.2020 | 22:00 | 22:15 | 1.815 |
| 05.08.2020 | 22:15 | 22:30 | 1.758 |
| 05.08.2020 | 22:30 | 22:45 | 1.731 |
| 05.08.2020 | 22:45 | 23:00 | 1.663 |
| 05.08.2020 | 23:00 | 23:15 | 1.580 |
| 05.08.2020 | 23:15 | 23:30 | 1.515 |
| 05.08.2020 | 23:30 | 23:45 | 1.450 |
| 05.08.2020 | 23:45 | 00:00 | 1.392 |
| 06.08.2020 | 00:00 | 00:15 | 1.351 |
| 06.08.2020 | 00:15 | 00:30 | 1.308 |
| 06.08.2020 | 00:30 | 00:45 | 1.288 |
| 06.08.2020 | 00:45 | 01:00 | 1.257 |
| 06.08.2020 | 01:00 | 01:15 | 1.218 |
| 06.08.2020 | 01:15 | 01:30 | 1.194 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.08.2020 | 01:30 | 01:45 | 1.167 |
| 06.08.2020 | 01:45 | 02:00 | 1.159 |
| 06.08.2020 | 02:00 | 02:15 | 1.144 |
| 06.08.2020 | 02:15 | 02:30 | 1.126 |
| 06.08.2020 | 02:30 | 02:45 | 1.117 |
| 06.08.2020 | 02:45 | 03:00 | 1.096 |
| 06.08.2020 | 03:00 | 03:15 | 1.079 |
| 06.08.2020 | 03:15 | 03:30 | 1.064 |
| 06.08.2020 | 03:30 | 03:45 | 1.071 |
| 06.08.2020 | 03:45 | 04:00 | 1.096 |
| 06.08.2020 | 04:00 | 04:15 | 1.124 |
| 06.08.2020 | 04:15 | 04:30 | 1.145 |
| 06.08.2020 | 04:30 | 04:45 | 1.162 |
| 06.08.2020 | 04:45 | 05:00 | 1.200 |
| 06.08.2020 | 05:00 | 05:15 | 1.230 |
| 06.08.2020 | 05:15 | 05:30 | 1.269 |
| 06.08.2020 | 05:30 | 05:45 | 1.305 |
| 06.08.2020 | 05:45 | 06:00 | 1.327 |
| 06.08.2020 | 06:00 | 06:15 | 1.411 |
| 06.08.2020 | 06:15 | 06:30 | 1.472 |
| 06.08.2020 | 06:30 | 06:45 | 1.507 |
| 06.08.2020 | 06:45 | 07:00 | 1.560 |
| 06.08.2020 | 07:00 | 07:15 | 1.662 |
| 06.08.2020 | 07:15 | 07:30 | 1.745 |
| 06.08.2020 | 07:30 | 07:45 | 1.822 |
| 06.08.2020 | 07:45 | 08:00 | 1.906 |
| 06.08.2020 | 08:00 | 08:15 | 2.021 |
| 06.08.2020 | 08:15 | 08:30 | 2.064 |
| 06.08.2020 | 08:30 | 08:45 | 2.095 |
| 06.08.2020 | 08:45 | 09:00 | 2.155 |
| 06.08.2020 | 09:00 | 09:15 | 2.204 |
| 06.08.2020 | 09:15 | 09:30 | 2.255 |
| 06.08.2020 | 09:30 | 09:45 | 2.294 |
| 06.08.2020 | 09:45 | 10:00 | 2.305 |
| 06.08.2020 | 10:00 | 10:15 | 2.355 |
| 06.08.2020 | 10:15 | 10:30 | 2.420 |
| 06.08.2020 | 10:30 | 10:45 | 2.467 |
| 06.08.2020 | 10:45 | 11:00 | 2.507 |
| 06.08.2020 | 11:00 | 11:15 | 2.523 |
| 06.08.2020 | 11:15 | 11:30 | 2.555 |
| 06.08.2020 | 11:30 | 11:45 | 2.570 |
| 06.08.2020 | 11:45 | 12:00 | 2.587 |
| 06.08.2020 | 12:00 | 12:15 | 2.555 |
| 06.08.2020 | 12:15 | 12:30 | 2.559 |
| 06.08.2020 | 12:30 | 12:45 | 2.565 |
| 06.08.2020 | 12:45 | 13:00 | 2.571 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.08.2020 | 13:00 | 13:15 | 2.551 |
| 06.08.2020 | 13:15 | 13:30 | 2.524 |
| 06.08.2020 | 13:30 | 13:45 | 2.513 |
| 06.08.2020 | 13:45 | 14:00 | 2.459 |
| 06.08.2020 | 14:00 | 14:15 | 2.442 |
| 06.08.2020 | 14:15 | 14:30 | 2.439 |
| 06.08.2020 | 14:30 | 14:45 | 2.404 |
| 06.08.2020 | 14:45 | 15:00 | 2.380 |
| 06.08.2020 | 15:00 | 15:15 | 2.376 |
| 06.08.2020 | 15:15 | 15:30 | 2.401 |
| 06.08.2020 | 15:30 | 15:45 | 2.384 |
| 06.08.2020 | 15:45 | 16:00 | 2.383 |
| 06.08.2020 | 16:00 | 16:15 | 2.387 |
| 06.08.2020 | 16:15 | 16:30 | 2.408 |
| 06.08.2020 | 16:30 | 16:45 | 2.357 |
| 06.08.2020 | 16:45 | 17:00 | 2.318 |
| 06.08.2020 | 17:00 | 17:15 | 2.314 |
| 06.08.2020 | 17:15 | 17:30 | 2.336 |
| 06.08.2020 | 17:30 | 17:45 | 2.334 |
| 06.08.2020 | 17:45 | 18:00 | 2.363 |
| 06.08.2020 | 18:00 | 18:15 | 2.356 |
| 06.08.2020 | 18:15 | 18:30 | 2.332 |
| 06.08.2020 | 18:30 | 18:45 | 2.352 |
| 06.08.2020 | 18:45 | 19:00 | 2.399 |
| 06.08.2020 | 19:00 | 19:15 | 2.361 |
| 06.08.2020 | 19:15 | 19:30 | 2.338 |
| 06.08.2020 | 19:30 | 19:45 | 2.281 |
| 06.08.2020 | 19:45 | 20:00 | 2.177 |
| 06.08.2020 | 20:00 | 20:15 | 2.100 |
| 06.08.2020 | 20:15 | 20:30 | 2.062 |
| 06.08.2020 | 20:30 | 20:45 | 2.052 |
| 06.08.2020 | 20:45 | 21:00 | 2.006 |
| 06.08.2020 | 21:00 | 21:15 | 2.000 |
| 06.08.2020 | 21:15 | 21:30 | 2.018 |
| 06.08.2020 | 21:30 | 21:45 | 2.006 |
| 06.08.2020 | 21:45 | 22:00 | 1.980 |
| 06.08.2020 | 22:00 | 22:15 | 1.879 |
| 06.08.2020 | 22:15 | 22:30 | 1.804 |
| 06.08.2020 | 22:30 | 22:45 | 1.763 |
| 06.08.2020 | 22:45 | 23:00 | 1.694 |
| 06.08.2020 | 23:00 | 23:15 | 1.608 |
| 06.08.2020 | 23:15 | 23:30 | 1.541 |
| 06.08.2020 | 23:30 | 23:45 | 1.489 |
| 06.08.2020 | 23:45 | 00:00 | 1.433 |
| 07.08.2020 | 00:00 | 00:15 | 1.379 |
| 07.08.2020 | 00:15 | 00:30 | 1.350 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.08.2020 | 00:30 | 00:45 | 1.321 |
| 07.08.2020 | 00:45 | 01:00 | 1.292 |
| 07.08.2020 | 01:00 | 01:15 | 1.267 |
| 07.08.2020 | 01:15 | 01:30 | 1.240 |
| 07.08.2020 | 01:30 | 01:45 | 1.212 |
| 07.08.2020 | 01:45 | 02:00 | 1.192 |
| 07.08.2020 | 02:00 | 02:15 | 1.180 |
| 07.08.2020 | 02:15 | 02:30 | 1.161 |
| 07.08.2020 | 02:30 | 02:45 | 1.155 |
| 07.08.2020 | 02:45 | 03:00 | 1.147 |
| 07.08.2020 | 03:00 | 03:15 | 1.121 |
| 07.08.2020 | 03:15 | 03:30 | 1.107 |
| 07.08.2020 | 03:30 | 03:45 | 1.109 |
| 07.08.2020 | 03:45 | 04:00 | 1.122 |
| 07.08.2020 | 04:00 | 04:15 | 1.141 |
| 07.08.2020 | 04:15 | 04:30 | 1.164 |
| 07.08.2020 | 04:30 | 04:45 | 1.181 |
| 07.08.2020 | 04:45 | 05:00 | 1.215 |
| 07.08.2020 | 05:00 | 05:15 | 1.262 |
| 07.08.2020 | 05:15 | 05:30 | 1.303 |
| 07.08.2020 | 05:30 | 05:45 | 1.321 |
| 07.08.2020 | 05:45 | 06:00 | 1.324 |
| 07.08.2020 | 06:00 | 06:15 | 1.405 |
| 07.08.2020 | 06:15 | 06:30 | 1.470 |
| 07.08.2020 | 06:30 | 06:45 | 1.501 |
| 07.08.2020 | 06:45 | 07:00 | 1.523 |
| 07.08.2020 | 07:00 | 07:15 | 1.606 |
| 07.08.2020 | 07:15 | 07:30 | 1.693 |
| 07.08.2020 | 07:30 | 07:45 | 1.743 |
| 07.08.2020 | 07:45 | 08:00 | 1.771 |
| 07.08.2020 | 08:00 | 08:15 | 1.842 |
| 07.08.2020 | 08:15 | 08:30 | 1.912 |
| 07.08.2020 | 08:30 | 08:45 | 1.948 |
| 07.08.2020 | 08:45 | 09:00 | 2.016 |
| 07.08.2020 | 09:00 | 09:15 | 2.075 |
| 07.08.2020 | 09:15 | 09:30 | 2.175 |
| 07.08.2020 | 09:30 | 09:45 | 2.183 |
| 07.08.2020 | 09:45 | 10:00 | 2.238 |
| 07.08.2020 | 10:00 | 10:15 | 2.296 |
| 07.08.2020 | 10:15 | 10:30 | 2.317 |
| 07.08.2020 | 10:30 | 10:45 | 2.397 |
| 07.08.2020 | 10:45 | 11:00 | 2.458 |
| 07.08.2020 | 11:00 | 11:15 | 2.509 |
| 07.08.2020 | 11:15 | 11:30 | 2.552 |
| 07.08.2020 | 11:30 | 11:45 | 2.481 |
| 07.08.2020 | 11:45 | 12:00 | 2.458 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.08.2020 | 12:00 | 12:15 | 2.477 |
| 07.08.2020 | 12:15 | 12:30 | 2.485 |
| 07.08.2020 | 12:30 | 12:45 | 2.503 |
| 07.08.2020 | 12:45 | 13:00 | 2.527 |
| 07.08.2020 | 13:00 | 13:15 | 2.494 |
| 07.08.2020 | 13:15 | 13:30 | 2.462 |
| 07.08.2020 | 13:30 | 13:45 | 2.426 |
| 07.08.2020 | 13:45 | 14:00 | 2.381 |
| 07.08.2020 | 14:00 | 14:15 | 2.363 |
| 07.08.2020 | 14:15 | 14:30 | 2.360 |
| 07.08.2020 | 14:30 | 14:45 | 2.327 |
| 07.08.2020 | 14:45 | 15:00 | 2.295 |
| 07.08.2020 | 15:00 | 15:15 | 2.281 |
| 07.08.2020 | 15:15 | 15:30 | 2.258 |
| 07.08.2020 | 15:30 | 15:45 | 2.253 |
| 07.08.2020 | 15:45 | 16:00 | 2.250 |
| 07.08.2020 | 16:00 | 16:15 | 2.291 |
| 07.08.2020 | 16:15 | 16:30 | 2.316 |
| 07.08.2020 | 16:30 | 16:45 | 2.302 |
| 07.08.2020 | 16:45 | 17:00 | 2.261 |
| 07.08.2020 | 17:00 | 17:15 | 2.244 |
| 07.08.2020 | 17:15 | 17:30 | 2.245 |
| 07.08.2020 | 17:30 | 17:45 | 2.266 |
| 07.08.2020 | 17:45 | 18:00 | 2.256 |
| 07.08.2020 | 18:00 | 18:15 | 2.282 |
| 07.08.2020 | 18:15 | 18:30 | 2.301 |
| 07.08.2020 | 18:30 | 18:45 | 2.303 |
| 07.08.2020 | 18:45 | 19:00 | 2.317 |
| 07.08.2020 | 19:00 | 19:15 | 2.304 |
| 07.08.2020 | 19:15 | 19:30 | 2.289 |
| 07.08.2020 | 19:30 | 19:45 | 2.246 |
| 07.08.2020 | 19:45 | 20:00 | 2.206 |
| 07.08.2020 | 20:00 | 20:15 | 2.135 |
| 07.08.2020 | 20:15 | 20:30 | 2.100 |
| 07.08.2020 | 20:30 | 20:45 | 2.065 |
| 07.08.2020 | 20:45 | 21:00 | 2.047 |
| 07.08.2020 | 21:00 | 21:15 | 2.012 |
| 07.08.2020 | 21:15 | 21:30 | 2.015 |
| 07.08.2020 | 21:30 | 21:45 | 2.030 |
| 07.08.2020 | 21:45 | 22:00 | 1.993 |
| 07.08.2020 | 22:00 | 22:15 | 1.871 |
| 07.08.2020 | 22:15 | 22:30 | 1.803 |
| 07.08.2020 | 22:30 | 22:45 | 1.773 |
| 07.08.2020 | 22:45 | 23:00 | 1.723 |
| 07.08.2020 | 23:00 | 23:15 | 1.663 |
| 07.08.2020 | 23:15 | 23:30 | 1.612 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.08.2020 | 23:30 | 23:45 | 1.554 |
| 07.08.2020 | 23:45 | 00:00 | 1.526 |
| 08.08.2020 | 00:00 | 00:15 | 1.468 |
| 08.08.2020 | 00:15 | 00:30 | 1.432 |
| 08.08.2020 | 00:30 | 00:45 | 1.398 |
| 08.08.2020 | 00:45 | 01:00 | 1.361 |
| 08.08.2020 | 01:00 | 01:15 | 1.304 |
| 08.08.2020 | 01:15 | 01:30 | 1.279 |
| 08.08.2020 | 01:30 | 01:45 | 1.258 |
| 08.08.2020 | 01:45 | 02:00 | 1.235 |
| 08.08.2020 | 02:00 | 02:15 | 1.219 |
| 08.08.2020 | 02:15 | 02:30 | 1.212 |
| 08.08.2020 | 02:30 | 02:45 | 1.194 |
| 08.08.2020 | 02:45 | 03:00 | 1.175 |
| 08.08.2020 | 03:00 | 03:15 | 1.145 |
| 08.08.2020 | 03:15 | 03:30 | 1.123 |
| 08.08.2020 | 03:30 | 03:45 | 1.118 |
| 08.08.2020 | 03:45 | 04:00 | 1.120 |
| 08.08.2020 | 04:00 | 04:15 | 1.133 |
| 08.08.2020 | 04:15 | 04:30 | 1.131 |
| 08.08.2020 | 04:30 | 04:45 | 1.123 |
| 08.08.2020 | 04:45 | 05:00 | 1.134 |
| 08.08.2020 | 05:00 | 05:15 | 1.145 |
| 08.08.2020 | 05:15 | 05:30 | 1.160 |
| 08.08.2020 | 05:30 | 05:45 | 1.156 |
| 08.08.2020 | 05:45 | 06:00 | 1.146 |
| 08.08.2020 | 06:00 | 06:15 | 1.168 |
| 08.08.2020 | 06:15 | 06:30 | 1.177 |
| 08.08.2020 | 06:30 | 06:45 | 1.185 |
| 08.08.2020 | 06:45 | 07:00 | 1.201 |
| 08.08.2020 | 07:00 | 07:15 | 1.255 |
| 08.08.2020 | 07:15 | 07:30 | 1.300 |
| 08.08.2020 | 07:30 | 07:45 | 1.343 |
| 08.08.2020 | 07:45 | 08:00 | 1.391 |
| 08.08.2020 | 08:00 | 08:15 | 1.465 |
| 08.08.2020 | 08:15 | 08:30 | 1.545 |
| 08.08.2020 | 08:30 | 08:45 | 1.589 |
| 08.08.2020 | 08:45 | 09:00 | 1.604 |
| 08.08.2020 | 09:00 | 09:15 | 1.653 |
| 08.08.2020 | 09:15 | 09:30 | 1.725 |
| 08.08.2020 | 09:30 | 09:45 | 1.782 |
| 08.08.2020 | 09:45 | 10:00 | 1.843 |
| 08.08.2020 | 10:00 | 10:15 | 1.858 |
| 08.08.2020 | 10:15 | 10:30 | 1.892 |
| 08.08.2020 | 10:30 | 10:45 | 1.945 |
| 08.08.2020 | 10:45 | 11:00 | 1.962 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.08.2020 | 11:00 | 11:15 | 2.011 |
| 08.08.2020 | 11:15 | 11:30 | 2.051 |
| 08.08.2020 | 11:30 | 11:45 | 2.072 |
| 08.08.2020 | 11:45 | 12:00 | 2.086 |
| 08.08.2020 | 12:00 | 12:15 | 2.078 |
| 08.08.2020 | 12:15 | 12:30 | 2.063 |
| 08.08.2020 | 12:30 | 12:45 | 2.036 |
| 08.08.2020 | 12:45 | 13:00 | 2.009 |
| 08.08.2020 | 13:00 | 13:15 | 2.051 |
| 08.08.2020 | 13:15 | 13:30 | 2.065 |
| 08.08.2020 | 13:30 | 13:45 | 2.025 |
| 08.08.2020 | 13:45 | 14:00 | 2.013 |
| 08.08.2020 | 14:00 | 14:15 | 2.026 |
| 08.08.2020 | 14:15 | 14:30 | 2.008 |
| 08.08.2020 | 14:30 | 14:45 | 2.002 |
| 08.08.2020 | 14:45 | 15:00 | 2.002 |
| 08.08.2020 | 15:00 | 15:15 | 1.989 |
| 08.08.2020 | 15:15 | 15:30 | 1.978 |
| 08.08.2020 | 15:30 | 15:45 | 1.974 |
| 08.08.2020 | 15:45 | 16:00 | 1.961 |
| 08.08.2020 | 16:00 | 16:15 | 1.948 |
| 08.08.2020 | 16:15 | 16:30 | 1.937 |
| 08.08.2020 | 16:30 | 16:45 | 1.941 |
| 08.08.2020 | 16:45 | 17:00 | 1.918 |
| 08.08.2020 | 17:00 | 17:15 | 1.931 |
| 08.08.2020 | 17:15 | 17:30 | 1.958 |
| 08.08.2020 | 17:30 | 17:45 | 1.970 |
| 08.08.2020 | 17:45 | 18:00 | 1.990 |
| 08.08.2020 | 18:00 | 18:15 | 1.994 |
| 08.08.2020 | 18:15 | 18:30 | 1.982 |
| 08.08.2020 | 18:30 | 18:45 | 1.973 |
| 08.08.2020 | 18:45 | 19:00 | 1.968 |
| 08.08.2020 | 19:00 | 19:15 | 1.949 |
| 08.08.2020 | 19:15 | 19:30 | 1.878 |
| 08.08.2020 | 19:30 | 19:45 | 1.868 |
| 08.08.2020 | 19:45 | 20:00 | 1.823 |
| 08.08.2020 | 20:00 | 20:15 | 1.783 |
| 08.08.2020 | 20:15 | 20:30 | 1.764 |
| 08.08.2020 | 20:30 | 20:45 | 1.749 |
| 08.08.2020 | 20:45 | 21:00 | 1.753 |
| 08.08.2020 | 21:00 | 21:15 | 1.740 |
| 08.08.2020 | 21:15 | 21:30 | 1.732 |
| 08.08.2020 | 21:30 | 21:45 | 1.768 |
| 08.08.2020 | 21:45 | 22:00 | 1.752 |
| 08.08.2020 | 22:00 | 22:15 | 1.718 |
| 08.08.2020 | 22:15 | 22:30 | 1.594 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.08.2020 | 22:30 | 22:45 | 1.475 |
| 08.08.2020 | 22:45 | 23:00 | 1.462 |
| 08.08.2020 | 23:00 | 23:15 | 1.437 |
| 08.08.2020 | 23:15 | 23:30 | 1.383 |
| 08.08.2020 | 23:30 | 23:45 | 1.346 |
| 08.08.2020 | 23:45 | 00:00 | 1.334 |
| 09.08.2020 | 00:00 | 00:15 | 1.307 |
| 09.08.2020 | 00:15 | 00:30 | 1.263 |
| 09.08.2020 | 00:30 | 00:45 | 1.226 |
| 09.08.2020 | 00:45 | 01:00 | 1.194 |
| 09.08.2020 | 01:00 | 01:15 | 1.163 |
| 09.08.2020 | 01:15 | 01:30 | 1.148 |
| 09.08.2020 | 01:30 | 01:45 | 1.135 |
| 09.08.2020 | 01:45 | 02:00 | 1.128 |
| 09.08.2020 | 02:00 | 02:15 | 1.109 |
| 09.08.2020 | 02:15 | 02:30 | 1.045 |
| 09.08.2020 | 02:30 | 02:45 | 1.000 |
| 09.08.2020 | 02:45 | 03:00 | 987 |
| 09.08.2020 | 03:00 | 03:15 | 983 |
| 09.08.2020 | 03:15 | 03:30 | 982 |
| 09.08.2020 | 03:30 | 03:45 | 966 |
| 09.08.2020 | 03:45 | 04:00 | 950 |
| 09.08.2020 | 04:00 | 04:15 | 948 |
| 09.08.2020 | 04:15 | 04:30 | 947 |
| 09.08.2020 | 04:30 | 04:45 | 946 |
| 09.08.2020 | 04:45 | 05:00 | 948 |
| 09.08.2020 | 05:00 | 05:15 | 950 |
| 09.08.2020 | 05:15 | 05:30 | 960 |
| 09.08.2020 | 05:30 | 05:45 | 985 |
| 09.08.2020 | 05:45 | 06:00 | 962 |
| 09.08.2020 | 06:00 | 06:15 | 970 |
| 09.08.2020 | 06:15 | 06:30 | 970 |
| 09.08.2020 | 06:30 | 06:45 | 980 |
| 09.08.2020 | 06:45 | 07:00 | 1.000 |
| 09.08.2020 | 07:00 | 07:15 | 1.026 |
| 09.08.2020 | 07:15 | 07:30 | 1.051 |
| 09.08.2020 | 07:30 | 07:45 | 1.089 |
| 09.08.2020 | 07:45 | 08:00 | 1.157 |
| 09.08.2020 | 08:00 | 08:15 | 1.202 |
| 09.08.2020 | 08:15 | 08:30 | 1.243 |
| 09.08.2020 | 08:30 | 08:45 | 1.312 |
| 09.08.2020 | 08:45 | 09:00 | 1.367 |
| 09.08.2020 | 09:00 | 09:15 | 1.453 |
| 09.08.2020 | 09:15 | 09:30 | 1.530 |
| 09.08.2020 | 09:30 | 09:45 | 1.581 |
| 09.08.2020 | 09:45 | 10:00 | 1.624 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.08.2020 | 10:00 | 10:15 | 1.660 |
| 09.08.2020 | 10:15 | 10:30 | 1.702 |
| 09.08.2020 | 10:30 | 10:45 | 1.749 |
| 09.08.2020 | 10:45 | 11:00 | 1.752 |
| 09.08.2020 | 11:00 | 11:15 | 1.777 |
| 09.08.2020 | 11:15 | 11:30 | 1.814 |
| 09.08.2020 | 11:30 | 11:45 | 1.860 |
| 09.08.2020 | 11:45 | 12:00 | 1.889 |
| 09.08.2020 | 12:00 | 12:15 | 1.915 |
| 09.08.2020 | 12:15 | 12:30 | 1.897 |
| 09.08.2020 | 12:30 | 12:45 | 1.908 |
| 09.08.2020 | 12:45 | 13:00 | 1.901 |
| 09.08.2020 | 13:00 | 13:15 | 1.912 |
| 09.08.2020 | 13:15 | 13:30 | 1.912 |
| 09.08.2020 | 13:30 | 13:45 | 1.865 |
| 09.08.2020 | 13:45 | 14:00 | 1.881 |
| 09.08.2020 | 14:00 | 14:15 | 1.870 |
| 09.08.2020 | 14:15 | 14:30 | 1.844 |
| 09.08.2020 | 14:30 | 14:45 | 1.844 |
| 09.08.2020 | 14:45 | 15:00 | 1.843 |
| 09.08.2020 | 15:00 | 15:15 | 1.805 |
| 09.08.2020 | 15:15 | 15:30 | 1.779 |
| 09.08.2020 | 15:30 | 15:45 | 1.759 |
| 09.08.2020 | 15:45 | 16:00 | 1.720 |
| 09.08.2020 | 16:00 | 16:15 | 1.706 |
| 09.08.2020 | 16:15 | 16:30 | 1.706 |
| 09.08.2020 | 16:30 | 16:45 | 1.732 |
| 09.08.2020 | 16:45 | 17:00 | 1.744 |
| 09.08.2020 | 17:00 | 17:15 | 1.764 |
| 09.08.2020 | 17:15 | 17:30 | 1.746 |
| 09.08.2020 | 17:30 | 17:45 | 1.769 |
| 09.08.2020 | 17:45 | 18:00 | 1.791 |
| 09.08.2020 | 18:00 | 18:15 | 1.793 |
| 09.08.2020 | 18:15 | 18:30 | 1.782 |
| 09.08.2020 | 18:30 | 18:45 | 1.763 |
| 09.08.2020 | 18:45 | 19:00 | 1.704 |
| 09.08.2020 | 19:00 | 19:15 | 1.678 |
| 09.08.2020 | 19:15 | 19:30 | 1.698 |
| 09.08.2020 | 19:30 | 19:45 | 1.686 |
| 09.08.2020 | 19:45 | 20:00 | 1.668 |
| 09.08.2020 | 20:00 | 20:15 | 1.652 |
| 09.08.2020 | 20:15 | 20:30 | 1.659 |
| 09.08.2020 | 20:30 | 20:45 | 1.623 |
| 09.08.2020 | 20:45 | 21:00 | 1.624 |
| 09.08.2020 | 21:00 | 21:15 | 1.638 |
| 09.08.2020 | 21:15 | 21:30 | 1.651 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.08.2020 | 21:30 | 21:45 | 1.665 |
| 09.08.2020 | 21:45 | 22:00 | 1.652 |
| 09.08.2020 | 22:00 | 22:15 | 1.598 |
| 09.08.2020 | 22:15 | 22:30 | 1.534 |
| 09.08.2020 | 22:30 | 22:45 | 1.480 |
| 09.08.2020 | 22:45 | 23:00 | 1.428 |
| 09.08.2020 | 23:00 | 23:15 | 1.372 |
| 09.08.2020 | 23:15 | 23:30 | 1.274 |
| 09.08.2020 | 23:30 | 23:45 | 1.246 |
| 09.08.2020 | 23:45 | 00:00 | 1.212 |
| 10.08.2020 | 00:00 | 00:15 | 1.180 |
| 10.08.2020 | 00:15 | 00:30 | 1.150 |
| 10.08.2020 | 00:30 | 00:45 | 1.126 |
| 10.08.2020 | 00:45 | 01:00 | 1.096 |
| 10.08.2020 | 01:00 | 01:15 | 1.076 |
| 10.08.2020 | 01:15 | 01:30 | 1.057 |
| 10.08.2020 | 01:30 | 01:45 | 1.044 |
| 10.08.2020 | 01:45 | 02:00 | 1.039 |
| 10.08.2020 | 02:00 | 02:15 | 1.019 |
| 10.08.2020 | 02:15 | 02:30 | 996 |
| 10.08.2020 | 02:30 | 02:45 | 1.006 |
| 10.08.2020 | 02:45 | 03:00 | 1.034 |
| 10.08.2020 | 03:00 | 03:15 | 1.034 |
| 10.08.2020 | 03:15 | 03:30 | 1.038 |
| 10.08.2020 | 03:30 | 03:45 | 1.056 |
| 10.08.2020 | 03:45 | 04:00 | 1.072 |
| 10.08.2020 | 04:00 | 04:15 | 1.085 |
| 10.08.2020 | 04:15 | 04:30 | 1.084 |
| 10.08.2020 | 04:30 | 04:45 | 1.131 |
| 10.08.2020 | 04:45 | 05:00 | 1.148 |
| 10.08.2020 | 05:00 | 05:15 | 1.184 |
| 10.08.2020 | 05:15 | 05:30 | 1.212 |
| 10.08.2020 | 05:30 | 05:45 | 1.256 |
| 10.08.2020 | 05:45 | 06:00 | 1.285 |
| 10.08.2020 | 06:00 | 06:15 | 1.383 |
| 10.08.2020 | 06:15 | 06:30 | 1.473 |
| 10.08.2020 | 06:30 | 06:45 | 1.580 |
| 10.08.2020 | 06:45 | 07:00 | 1.646 |
| 10.08.2020 | 07:00 | 07:15 | 1.732 |
| 10.08.2020 | 07:15 | 07:30 | 1.824 |
| 10.08.2020 | 07:30 | 07:45 | 1.900 |
| 10.08.2020 | 07:45 | 08:00 | 1.938 |
| 10.08.2020 | 08:00 | 08:15 | 2.027 |
| 10.08.2020 | 08:15 | 08:30 | 2.158 |
| 10.08.2020 | 08:30 | 08:45 | 2.223 |
| 10.08.2020 | 08:45 | 09:00 | 2.255 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.08.2020 | 09:00 | 09:15 | 2.321 |
| 10.08.2020 | 09:15 | 09:30 | 2.376 |
| 10.08.2020 | 09:30 | 09:45 | 2.423 |
| 10.08.2020 | 09:45 | 10:00 | 2.406 |
| 10.08.2020 | 10:00 | 10:15 | 2.448 |
| 10.08.2020 | 10:15 | 10:30 | 2.492 |
| 10.08.2020 | 10:30 | 10:45 | 2.486 |
| 10.08.2020 | 10:45 | 11:00 | 2.545 |
| 10.08.2020 | 11:00 | 11:15 | 2.591 |
| 10.08.2020 | 11:15 | 11:30 | 2.615 |
| 10.08.2020 | 11:30 | 11:45 | 2.664 |
| 10.08.2020 | 11:45 | 12:00 | 2.751 |
| 10.08.2020 | 12:00 | 12:15 | 2.789 |
| 10.08.2020 | 12:15 | 12:30 | 2.798 |
| 10.08.2020 | 12:30 | 12:45 | 2.773 |
| 10.08.2020 | 12:45 | 13:00 | 2.793 |
| 10.08.2020 | 13:00 | 13:15 | 2.752 |
| 10.08.2020 | 13:15 | 13:30 | 2.760 |
| 10.08.2020 | 13:30 | 13:45 | 2.710 |
| 10.08.2020 | 13:45 | 14:00 | 2.636 |
| 10.08.2020 | 14:00 | 14:15 | 2.623 |
| 10.08.2020 | 14:15 | 14:30 | 2.632 |
| 10.08.2020 | 14:30 | 14:45 | 2.653 |
| 10.08.2020 | 14:45 | 15:00 | 2.654 |
| 10.08.2020 | 15:00 | 15:15 | 2.666 |
| 10.08.2020 | 15:15 | 15:30 | 2.610 |
| 10.08.2020 | 15:30 | 15:45 | 2.622 |
| 10.08.2020 | 15:45 | 16:00 | 2.604 |
| 10.08.2020 | 16:00 | 16:15 | 2.525 |
| 10.08.2020 | 16:15 | 16:30 | 2.537 |
| 10.08.2020 | 16:30 | 16:45 | 2.500 |
| 10.08.2020 | 16:45 | 17:00 | 2.499 |
| 10.08.2020 | 17:00 | 17:15 | 2.493 |
| 10.08.2020 | 17:15 | 17:30 | 2.472 |
| 10.08.2020 | 17:30 | 17:45 | 2.505 |
| 10.08.2020 | 17:45 | 18:00 | 2.557 |
| 10.08.2020 | 18:00 | 18:15 | 2.540 |
| 10.08.2020 | 18:15 | 18:30 | 2.564 |
| 10.08.2020 | 18:30 | 18:45 | 2.609 |
| 10.08.2020 | 18:45 | 19:00 | 2.596 |
| 10.08.2020 | 19:00 | 19:15 | 2.547 |
| 10.08.2020 | 19:15 | 19:30 | 2.505 |
| 10.08.2020 | 19:30 | 19:45 | 2.511 |
| 10.08.2020 | 19:45 | 20:00 | 2.471 |
| 10.08.2020 | 20:00 | 20:15 | 2.407 |
| 10.08.2020 | 20:15 | 20:30 | 2.328 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.08.2020 | 20:30 | 20:45 | 2.294 |
| 10.08.2020 | 20:45 | 21:00 | 2.251 |
| 10.08.2020 | 21:00 | 21:15 | 2.206 |
| 10.08.2020 | 21:15 | 21:30 | 2.214 |
| 10.08.2020 | 21:30 | 21:45 | 2.248 |
| 10.08.2020 | 21:45 | 22:00 | 2.193 |
| 10.08.2020 | 22:00 | 22:15 | 2.087 |
| 10.08.2020 | 22:15 | 22:30 | 2.027 |
| 10.08.2020 | 22:30 | 22:45 | 1.927 |
| 10.08.2020 | 22:45 | 23:00 | 1.845 |
| 10.08.2020 | 23:00 | 23:15 | 1.750 |
| 10.08.2020 | 23:15 | 23:30 | 1.693 |
| 10.08.2020 | 23:30 | 23:45 | 1.633 |
| 10.08.2020 | 23:45 | 00:00 | 1.565 |
| 11.08.2020 | 00:00 | 00:15 | 1.503 |
| 11.08.2020 | 00:15 | 00:30 | 1.447 |
| 11.08.2020 | 00:30 | 00:45 | 1.403 |
| 11.08.2020 | 00:45 | 01:00 | 1.362 |
| 11.08.2020 | 01:00 | 01:15 | 1.327 |
| 11.08.2020 | 01:15 | 01:30 | 1.302 |
| 11.08.2020 | 01:30 | 01:45 | 1.277 |
| 11.08.2020 | 01:45 | 02:00 | 1.251 |
| 11.08.2020 | 02:00 | 02:15 | 1.228 |
| 11.08.2020 | 02:15 | 02:30 | 1.208 |
| 11.08.2020 | 02:30 | 02:45 | 1.206 |
| 11.08.2020 | 02:45 | 03:00 | 1.206 |
| 11.08.2020 | 03:00 | 03:15 | 1.198 |
| 11.08.2020 | 03:15 | 03:30 | 1.202 |
| 11.08.2020 | 03:30 | 03:45 | 1.205 |
| 11.08.2020 | 03:45 | 04:00 | 1.199 |
| 11.08.2020 | 04:00 | 04:15 | 1.209 |
| 11.08.2020 | 04:15 | 04:30 | 1.236 |
| 11.08.2020 | 04:30 | 04:45 | 1.276 |
| 11.08.2020 | 04:45 | 05:00 | 1.285 |
| 11.08.2020 | 05:00 | 05:15 | 1.300 |
| 11.08.2020 | 05:15 | 05:30 | 1.351 |
| 11.08.2020 | 05:30 | 05:45 | 1.418 |
| 11.08.2020 | 05:45 | 06:00 | 1.443 |
| 11.08.2020 | 06:00 | 06:15 | 1.534 |
| 11.08.2020 | 06:15 | 06:30 | 1.656 |
| 11.08.2020 | 06:30 | 06:45 | 1.708 |
| 11.08.2020 | 06:45 | 07:00 | 1.794 |
| 11.08.2020 | 07:00 | 07:15 | 1.875 |
| 11.08.2020 | 07:15 | 07:30 | 1.969 |
| 11.08.2020 | 07:30 | 07:45 | 2.012 |
| 11.08.2020 | 07:45 | 08:00 | 2.075 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.08.2020 | 08:00 | 08:15 | 2.167 |
| 11.08.2020 | 08:15 | 08:30 | 2.237 |
| 11.08.2020 | 08:30 | 08:45 | 2.282 |
| 11.08.2020 | 08:45 | 09:00 | 2.390 |
| 11.08.2020 | 09:00 | 09:15 | 2.431 |
| 11.08.2020 | 09:15 | 09:30 | 2.468 |
| 11.08.2020 | 09:30 | 09:45 | 2.535 |
| 11.08.2020 | 09:45 | 10:00 | 2.620 |
| 11.08.2020 | 10:00 | 10:15 | 2.628 |
| 11.08.2020 | 10:15 | 10:30 | 2.654 |
| 11.08.2020 | 10:30 | 10:45 | 2.688 |
| 11.08.2020 | 10:45 | 11:00 | 2.726 |
| 11.08.2020 | 11:00 | 11:15 | 2.778 |
| 11.08.2020 | 11:15 | 11:30 | 2.818 |
| 11.08.2020 | 11:30 | 11:45 | 2.892 |
| 11.08.2020 | 11:45 | 12:00 | 2.907 |
| 11.08.2020 | 12:00 | 12:15 | 2.912 |
| 11.08.2020 | 12:15 | 12:30 | 2.951 |
| 11.08.2020 | 12:30 | 12:45 | 2.965 |
| 11.08.2020 | 12:45 | 13:00 | 2.961 |
| 11.08.2020 | 13:00 | 13:15 | 2.965 |
| 11.08.2020 | 13:15 | 13:30 | 2.917 |
| 11.08.2020 | 13:30 | 13:45 | 2.905 |
| 11.08.2020 | 13:45 | 14:00 | 2.859 |
| 11.08.2020 | 14:00 | 14:15 | 2.805 |
| 11.08.2020 | 14:15 | 14:30 | 2.777 |
| 11.08.2020 | 14:30 | 14:45 | 2.794 |
| 11.08.2020 | 14:45 | 15:00 | 2.815 |
| 11.08.2020 | 15:00 | 15:15 | 2.803 |
| 11.08.2020 | 15:15 | 15:30 | 2.778 |
| 11.08.2020 | 15:30 | 15:45 | 2.666 |
| 11.08.2020 | 15:45 | 16:00 | 2.677 |
| 11.08.2020 | 16:00 | 16:15 | 2.654 |
| 11.08.2020 | 16:15 | 16:30 | 2.706 |
| 11.08.2020 | 16:30 | 16:45 | 2.676 |
| 11.08.2020 | 16:45 | 17:00 | 2.701 |
| 11.08.2020 | 17:00 | 17:15 | 2.695 |
| 11.08.2020 | 17:15 | 17:30 | 2.691 |
| 11.08.2020 | 17:30 | 17:45 | 2.680 |
| 11.08.2020 | 17:45 | 18:00 | 2.680 |
| 11.08.2020 | 18:00 | 18:15 | 2.669 |
| 11.08.2020 | 18:15 | 18:30 | 2.644 |
| 11.08.2020 | 18:30 | 18:45 | 2.622 |
| 11.08.2020 | 18:45 | 19:00 | 2.617 |
| 11.08.2020 | 19:00 | 19:15 | 2.602 |
| 11.08.2020 | 19:15 | 19:30 | 2.526 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.08.2020 | 19:30 | 19:45 | 2.565 |
| 11.08.2020 | 19:45 | 20:00 | 2.505 |
| 11.08.2020 | 20:00 | 20:15 | 2.415 |
| 11.08.2020 | 20:15 | 20:30 | 2.365 |
| 11.08.2020 | 20:30 | 20:45 | 2.303 |
| 11.08.2020 | 20:45 | 21:00 | 2.292 |
| 11.08.2020 | 21:00 | 21:15 | 2.281 |
| 11.08.2020 | 21:15 | 21:30 | 2.293 |
| 11.08.2020 | 21:30 | 21:45 | 2.250 |
| 11.08.2020 | 21:45 | 22:00 | 2.137 |
| 11.08.2020 | 22:00 | 22:15 | 2.000 |
| 11.08.2020 | 22:15 | 22:30 | 1.955 |
| 11.08.2020 | 22:30 | 22:45 | 1.885 |
| 11.08.2020 | 22:45 | 23:00 | 1.824 |
| 11.08.2020 | 23:00 | 23:15 | 1.771 |
| 11.08.2020 | 23:15 | 23:30 | 1.683 |
| 11.08.2020 | 23:30 | 23:45 | 1.630 |
| 11.08.2020 | 23:45 | 00:00 | 1.566 |
| 12.08.2020 | 00:00 | 00:15 | 1.510 |
| 12.08.2020 | 00:15 | 00:30 | 1.472 |
| 12.08.2020 | 00:30 | 00:45 | 1.426 |
| 12.08.2020 | 00:45 | 01:00 | 1.385 |
| 12.08.2020 | 01:00 | 01:15 | 1.353 |
| 12.08.2020 | 01:15 | 01:30 | 1.334 |
| 12.08.2020 | 01:30 | 01:45 | 1.309 |
| 12.08.2020 | 01:45 | 02:00 | 1.301 |
| 12.08.2020 | 02:00 | 02:15 | 1.281 |
| 12.08.2020 | 02:15 | 02:30 | 1.275 |
| 12.08.2020 | 02:30 | 02:45 | 1.253 |
| 12.08.2020 | 02:45 | 03:00 | 1.235 |
| 12.08.2020 | 03:00 | 03:15 | 1.212 |
| 12.08.2020 | 03:15 | 03:30 | 1.209 |
| 12.08.2020 | 03:30 | 03:45 | 1.207 |
| 12.08.2020 | 03:45 | 04:00 | 1.213 |
| 12.08.2020 | 04:00 | 04:15 | 1.250 |
| 12.08.2020 | 04:15 | 04:30 | 1.274 |
| 12.08.2020 | 04:30 | 04:45 | 1.304 |
| 12.08.2020 | 04:45 | 05:00 | 1.341 |
| 12.08.2020 | 05:00 | 05:15 | 1.394 |
| 12.08.2020 | 05:15 | 05:30 | 1.445 |
| 12.08.2020 | 05:30 | 05:45 | 1.500 |
| 12.08.2020 | 05:45 | 06:00 | 1.526 |
| 12.08.2020 | 06:00 | 06:15 | 1.634 |
| 12.08.2020 | 06:15 | 06:30 | 1.742 |
| 12.08.2020 | 06:30 | 06:45 | 1.793 |
| 12.08.2020 | 06:45 | 07:00 | 1.829 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.08.2020 | 07:00 | 07:15 | 1.918 |
| 12.08.2020 | 07:15 | 07:30 | 2.001 |
| 12.08.2020 | 07:30 | 07:45 | 2.055 |
| 12.08.2020 | 07:45 | 08:00 | 2.108 |
| 12.08.2020 | 08:00 | 08:15 | 2.201 |
| 12.08.2020 | 08:15 | 08:30 | 2.248 |
| 12.08.2020 | 08:30 | 08:45 | 2.310 |
| 12.08.2020 | 08:45 | 09:00 | 2.333 |
| 12.08.2020 | 09:00 | 09:15 | 2.408 |
| 12.08.2020 | 09:15 | 09:30 | 2.469 |
| 12.08.2020 | 09:30 | 09:45 | 2.514 |
| 12.08.2020 | 09:45 | 10:00 | 2.529 |
| 12.08.2020 | 10:00 | 10:15 | 2.540 |
| 12.08.2020 | 10:15 | 10:30 | 2.579 |
| 12.08.2020 | 10:30 | 10:45 | 2.633 |
| 12.08.2020 | 10:45 | 11:00 | 2.636 |
| 12.08.2020 | 11:00 | 11:15 | 2.656 |
| 12.08.2020 | 11:15 | 11:30 | 2.694 |
| 12.08.2020 | 11:30 | 11:45 | 2.742 |
| 12.08.2020 | 11:45 | 12:00 | 2.767 |
| 12.08.2020 | 12:00 | 12:15 | 2.818 |
| 12.08.2020 | 12:15 | 12:30 | 2.834 |
| 12.08.2020 | 12:30 | 12:45 | 2.860 |
| 12.08.2020 | 12:45 | 13:00 | 2.887 |
| 12.08.2020 | 13:00 | 13:15 | 2.876 |
| 12.08.2020 | 13:15 | 13:30 | 2.857 |
| 12.08.2020 | 13:30 | 13:45 | 2.814 |
| 12.08.2020 | 13:45 | 14:00 | 2.757 |
| 12.08.2020 | 14:00 | 14:15 | 2.713 |
| 12.08.2020 | 14:15 | 14:30 | 2.705 |
| 12.08.2020 | 14:30 | 14:45 | 2.711 |
| 12.08.2020 | 14:45 | 15:00 | 2.731 |
| 12.08.2020 | 15:00 | 15:15 | 2.710 |
| 12.08.2020 | 15:15 | 15:30 | 2.646 |
| 12.08.2020 | 15:30 | 15:45 | 2.588 |
| 12.08.2020 | 15:45 | 16:00 | 2.609 |
| 12.08.2020 | 16:00 | 16:15 | 2.597 |
| 12.08.2020 | 16:15 | 16:30 | 2.587 |
| 12.08.2020 | 16:30 | 16:45 | 2.598 |
| 12.08.2020 | 16:45 | 17:00 | 2.587 |
| 12.08.2020 | 17:00 | 17:15 | 2.556 |
| 12.08.2020 | 17:15 | 17:30 | 2.563 |
| 12.08.2020 | 17:30 | 17:45 | 2.578 |
| 12.08.2020 | 17:45 | 18:00 | 2.647 |
| 12.08.2020 | 18:00 | 18:15 | 2.617 |
| 12.08.2020 | 18:15 | 18:30 | 2.582 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.08.2020 | 18:30 | 18:45 | 2.613 |
| 12.08.2020 | 18:45 | 19:00 | 2.619 |
| 12.08.2020 | 19:00 | 19:15 | 2.594 |
| 12.08.2020 | 19:15 | 19:30 | 2.567 |
| 12.08.2020 | 19:30 | 19:45 | 2.547 |
| 12.08.2020 | 19:45 | 20:00 | 2.500 |
| 12.08.2020 | 20:00 | 20:15 | 2.405 |
| 12.08.2020 | 20:15 | 20:30 | 2.334 |
| 12.08.2020 | 20:30 | 20:45 | 2.292 |
| 12.08.2020 | 20:45 | 21:00 | 2.245 |
| 12.08.2020 | 21:00 | 21:15 | 2.232 |
| 12.08.2020 | 21:15 | 21:30 | 2.277 |
| 12.08.2020 | 21:30 | 21:45 | 2.231 |
| 12.08.2020 | 21:45 | 22:00 | 2.149 |
| 12.08.2020 | 22:00 | 22:15 | 2.047 |
| 12.08.2020 | 22:15 | 22:30 | 1.963 |
| 12.08.2020 | 22:30 | 22:45 | 1.903 |
| 12.08.2020 | 22:45 | 23:00 | 1.814 |
| 12.08.2020 | 23:00 | 23:15 | 1.743 |
| 12.08.2020 | 23:15 | 23:30 | 1.679 |
| 12.08.2020 | 23:30 | 23:45 | 1.603 |
| 12.08.2020 | 23:45 | 00:00 | 1.529 |
| 13.08.2020 | 00:00 | 00:15 | 1.477 |
| 13.08.2020 | 00:15 | 00:30 | 1.450 |
| 13.08.2020 | 00:30 | 00:45 | 1.415 |
| 13.08.2020 | 00:45 | 01:00 | 1.371 |
| 13.08.2020 | 01:00 | 01:15 | 1.343 |
| 13.08.2020 | 01:15 | 01:30 | 1.261 |
| 13.08.2020 | 01:30 | 01:45 | 1.193 |
| 13.08.2020 | 01:45 | 02:00 | 1.165 |
| 13.08.2020 | 02:00 | 02:15 | 1.153 |
| 13.08.2020 | 02:15 | 02:30 | 1.144 |
| 13.08.2020 | 02:30 | 02:45 | 1.133 |
| 13.08.2020 | 02:45 | 03:00 | 1.117 |
| 13.08.2020 | 03:00 | 03:15 | 1.098 |
| 13.08.2020 | 03:15 | 03:30 | 1.089 |
| 13.08.2020 | 03:30 | 03:45 | 1.099 |
| 13.08.2020 | 03:45 | 04:00 | 1.149 |
| 13.08.2020 | 04:00 | 04:15 | 1.201 |
| 13.08.2020 | 04:15 | 04:30 | 1.219 |
| 13.08.2020 | 04:30 | 04:45 | 1.266 |
| 13.08.2020 | 04:45 | 05:00 | 1.298 |
| 13.08.2020 | 05:00 | 05:15 | 1.328 |
| 13.08.2020 | 05:15 | 05:30 | 1.368 |
| 13.08.2020 | 05:30 | 05:45 | 1.437 |
| 13.08.2020 | 05:45 | 06:00 | 1.502 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.08.2020 | 06:00 | 06:15 | 1.623 |
| 13.08.2020 | 06:15 | 06:30 | 1.702 |
| 13.08.2020 | 06:30 | 06:45 | 1.789 |
| 13.08.2020 | 06:45 | 07:00 | 1.891 |
| 13.08.2020 | 07:00 | 07:15 | 2.000 |
| 13.08.2020 | 07:15 | 07:30 | 2.075 |
| 13.08.2020 | 07:30 | 07:45 | 2.112 |
| 13.08.2020 | 07:45 | 08:00 | 2.170 |
| 13.08.2020 | 08:00 | 08:15 | 2.272 |
| 13.08.2020 | 08:15 | 08:30 | 2.290 |
| 13.08.2020 | 08:30 | 08:45 | 2.360 |
| 13.08.2020 | 08:45 | 09:00 | 2.443 |
| 13.08.2020 | 09:00 | 09:15 | 2.459 |
| 13.08.2020 | 09:15 | 09:30 | 2.484 |
| 13.08.2020 | 09:30 | 09:45 | 2.534 |
| 13.08.2020 | 09:45 | 10:00 | 2.555 |
| 13.08.2020 | 10:00 | 10:15 | 2.533 |
| 13.08.2020 | 10:15 | 10:30 | 2.510 |
| 13.08.2020 | 10:30 | 10:45 | 2.561 |
| 13.08.2020 | 10:45 | 11:00 | 2.586 |
| 13.08.2020 | 11:00 | 11:15 | 2.599 |
| 13.08.2020 | 11:15 | 11:30 | 2.564 |
| 13.08.2020 | 11:30 | 11:45 | 2.516 |
| 13.08.2020 | 11:45 | 12:00 | 2.545 |
| 13.08.2020 | 12:00 | 12:15 | 2.569 |
| 13.08.2020 | 12:15 | 12:30 | 2.600 |
| 13.08.2020 | 12:30 | 12:45 | 2.629 |
| 13.08.2020 | 12:45 | 13:00 | 2.733 |
| 13.08.2020 | 13:00 | 13:15 | 2.757 |
| 13.08.2020 | 13:15 | 13:30 | 2.752 |
| 13.08.2020 | 13:30 | 13:45 | 2.726 |
| 13.08.2020 | 13:45 | 14:00 | 2.686 |
| 13.08.2020 | 14:00 | 14:15 | 2.684 |
| 13.08.2020 | 14:15 | 14:30 | 2.695 |
| 13.08.2020 | 14:30 | 14:45 | 2.678 |
| 13.08.2020 | 14:45 | 15:00 | 2.664 |
| 13.08.2020 | 15:00 | 15:15 | 2.672 |
| 13.08.2020 | 15:15 | 15:30 | 2.657 |
| 13.08.2020 | 15:30 | 15:45 | 2.617 |
| 13.08.2020 | 15:45 | 16:00 | 2.588 |
| 13.08.2020 | 16:00 | 16:15 | 2.617 |
| 13.08.2020 | 16:15 | 16:30 | 2.582 |
| 13.08.2020 | 16:30 | 16:45 | 2.584 |
| 13.08.2020 | 16:45 | 17:00 | 2.566 |
| 13.08.2020 | 17:00 | 17:15 | 2.609 |
| 13.08.2020 | 17:15 | 17:30 | 2.534 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.08.2020 | 17:30 | 17:45 | 2.561 |
| 13.08.2020 | 17:45 | 18:00 | 2.559 |
| 13.08.2020 | 18:00 | 18:15 | 2.595 |
| 13.08.2020 | 18:15 | 18:30 | 2.635 |
| 13.08.2020 | 18:30 | 18:45 | 2.617 |
| 13.08.2020 | 18:45 | 19:00 | 2.576 |
| 13.08.2020 | 19:00 | 19:15 | 2.553 |
| 13.08.2020 | 19:15 | 19:30 | 2.493 |
| 13.08.2020 | 19:30 | 19:45 | 2.435 |
| 13.08.2020 | 19:45 | 20:00 | 2.400 |
| 13.08.2020 | 20:00 | 20:15 | 2.322 |
| 13.08.2020 | 20:15 | 20:30 | 2.277 |
| 13.08.2020 | 20:30 | 20:45 | 2.225 |
| 13.08.2020 | 20:45 | 21:00 | 2.208 |
| 13.08.2020 | 21:00 | 21:15 | 2.162 |
| 13.08.2020 | 21:15 | 21:30 | 2.176 |
| 13.08.2020 | 21:30 | 21:45 | 2.111 |
| 13.08.2020 | 21:45 | 22:00 | 2.035 |
| 13.08.2020 | 22:00 | 22:15 | 1.936 |
| 13.08.2020 | 22:15 | 22:30 | 1.888 |
| 13.08.2020 | 22:30 | 22:45 | 1.851 |
| 13.08.2020 | 22:45 | 23:00 | 1.775 |
| 13.08.2020 | 23:00 | 23:15 | 1.700 |
| 13.08.2020 | 23:15 | 23:30 | 1.623 |
| 13.08.2020 | 23:30 | 23:45 | 1.563 |
| 13.08.2020 | 23:45 | 00:00 | 1.507 |
| 14.08.2020 | 00:00 | 00:15 | 1.461 |
| 14.08.2020 | 00:15 | 00:30 | 1.416 |
| 14.08.2020 | 00:30 | 00:45 | 1.370 |
| 14.08.2020 | 00:45 | 01:00 | 1.340 |
| 14.08.2020 | 01:00 | 01:15 | 1.257 |
| 14.08.2020 | 01:15 | 01:30 | 1.220 |
| 14.08.2020 | 01:30 | 01:45 | 1.198 |
| 14.08.2020 | 01:45 | 02:00 | 1.185 |
| 14.08.2020 | 02:00 | 02:15 | 1.172 |
| 14.08.2020 | 02:15 | 02:30 | 1.158 |
| 14.08.2020 | 02:30 | 02:45 | 1.157 |
| 14.08.2020 | 02:45 | 03:00 | 1.140 |
| 14.08.2020 | 03:00 | 03:15 | 1.132 |
| 14.08.2020 | 03:15 | 03:30 | 1.116 |
| 14.08.2020 | 03:30 | 03:45 | 1.120 |
| 14.08.2020 | 03:45 | 04:00 | 1.125 |
| 14.08.2020 | 04:00 | 04:15 | 1.143 |
| 14.08.2020 | 04:15 | 04:30 | 1.154 |
| 14.08.2020 | 04:30 | 04:45 | 1.186 |
| 14.08.2020 | 04:45 | 05:00 | 1.202 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.08.2020 | 05:00 | 05:15 | 1.236 |
| 14.08.2020 | 05:15 | 05:30 | 1.268 |
| 14.08.2020 | 05:30 | 05:45 | 1.319 |
| 14.08.2020 | 05:45 | 06:00 | 1.405 |
| 14.08.2020 | 06:00 | 06:15 | 1.521 |
| 14.08.2020 | 06:15 | 06:30 | 1.619 |
| 14.08.2020 | 06:30 | 06:45 | 1.688 |
| 14.08.2020 | 06:45 | 07:00 | 1.763 |
| 14.08.2020 | 07:00 | 07:15 | 1.883 |
| 14.08.2020 | 07:15 | 07:30 | 1.967 |
| 14.08.2020 | 07:30 | 07:45 | 2.014 |
| 14.08.2020 | 07:45 | 08:00 | 2.063 |
| 14.08.2020 | 08:00 | 08:15 | 2.129 |
| 14.08.2020 | 08:15 | 08:30 | 2.155 |
| 14.08.2020 | 08:30 | 08:45 | 2.209 |
| 14.08.2020 | 08:45 | 09:00 | 2.144 |
| 14.08.2020 | 09:00 | 09:15 | 2.133 |
| 14.08.2020 | 09:15 | 09:30 | 2.190 |
| 14.08.2020 | 09:30 | 09:45 | 2.220 |
| 14.08.2020 | 09:45 | 10:00 | 2.267 |
| 14.08.2020 | 10:00 | 10:15 | 2.278 |
| 14.08.2020 | 10:15 | 10:30 | 2.357 |
| 14.08.2020 | 10:30 | 10:45 | 2.395 |
| 14.08.2020 | 10:45 | 11:00 | 2.437 |
| 14.08.2020 | 11:00 | 11:15 | 2.447 |
| 14.08.2020 | 11:15 | 11:30 | 2.484 |
| 14.08.2020 | 11:30 | 11:45 | 2.577 |
| 14.08.2020 | 11:45 | 12:00 | 2.645 |
| 14.08.2020 | 12:00 | 12:15 | 2.603 |
| 14.08.2020 | 12:15 | 12:30 | 2.648 |
| 14.08.2020 | 12:30 | 12:45 | 2.605 |
| 14.08.2020 | 12:45 | 13:00 | 2.643 |
| 14.08.2020 | 13:00 | 13:15 | 2.610 |
| 14.08.2020 | 13:15 | 13:30 | 2.577 |
| 14.08.2020 | 13:30 | 13:45 | 2.483 |
| 14.08.2020 | 13:45 | 14:00 | 2.444 |
| 14.08.2020 | 14:00 | 14:15 | 2.450 |
| 14.08.2020 | 14:15 | 14:30 | 2.456 |
| 14.08.2020 | 14:30 | 14:45 | 2.454 |
| 14.08.2020 | 14:45 | 15:00 | 2.423 |
| 14.08.2020 | 15:00 | 15:15 | 2.412 |
| 14.08.2020 | 15:15 | 15:30 | 2.375 |
| 14.08.2020 | 15:30 | 15:45 | 2.358 |
| 14.08.2020 | 15:45 | 16:00 | 2.330 |
| 14.08.2020 | 16:00 | 16:15 | 2.336 |
| 14.08.2020 | 16:15 | 16:30 | 2.330 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.08.2020 | 16:30 | 16:45 | 2.317 |
| 14.08.2020 | 16:45 | 17:00 | 2.300 |
| 14.08.2020 | 17:00 | 17:15 | 2.314 |
| 14.08.2020 | 17:15 | 17:30 | 2.302 |
| 14.08.2020 | 17:30 | 17:45 | 2.317 |
| 14.08.2020 | 17:45 | 18:00 | 2.345 |
| 14.08.2020 | 18:00 | 18:15 | 2.382 |
| 14.08.2020 | 18:15 | 18:30 | 2.368 |
| 14.08.2020 | 18:30 | 18:45 | 2.341 |
| 14.08.2020 | 18:45 | 19:00 | 2.325 |
| 14.08.2020 | 19:00 | 19:15 | 2.282 |
| 14.08.2020 | 19:15 | 19:30 | 2.263 |
| 14.08.2020 | 19:30 | 19:45 | 2.263 |
| 14.08.2020 | 19:45 | 20:00 | 2.233 |
| 14.08.2020 | 20:00 | 20:15 | 2.175 |
| 14.08.2020 | 20:15 | 20:30 | 2.116 |
| 14.08.2020 | 20:30 | 20:45 | 2.109 |
| 14.08.2020 | 20:45 | 21:00 | 2.087 |
| 14.08.2020 | 21:00 | 21:15 | 2.149 |
| 14.08.2020 | 21:15 | 21:30 | 2.141 |
| 14.08.2020 | 21:30 | 21:45 | 2.075 |
| 14.08.2020 | 21:45 | 22:00 | 2.020 |
| 14.08.2020 | 22:00 | 22:15 | 1.917 |
| 14.08.2020 | 22:15 | 22:30 | 1.815 |
| 14.08.2020 | 22:30 | 22:45 | 1.759 |
| 14.08.2020 | 22:45 | 23:00 | 1.645 |
| 14.08.2020 | 23:00 | 23:15 | 1.583 |
| 14.08.2020 | 23:15 | 23:30 | 1.499 |
| 14.08.2020 | 23:30 | 23:45 | 1.455 |
| 14.08.2020 | 23:45 | 00:00 | 1.395 |
| 15.08.2020 | 00:00 | 00:15 | 1.353 |
| 15.08.2020 | 00:15 | 00:30 | 1.297 |
| 15.08.2020 | 00:30 | 00:45 | 1.269 |
| 15.08.2020 | 00:45 | 01:00 | 1.226 |
| 15.08.2020 | 01:00 | 01:15 | 1.196 |
| 15.08.2020 | 01:15 | 01:30 | 1.175 |
| 15.08.2020 | 01:30 | 01:45 | 1.151 |
| 15.08.2020 | 01:45 | 02:00 | 1.134 |
| 15.08.2020 | 02:00 | 02:15 | 1.104 |
| 15.08.2020 | 02:15 | 02:30 | 1.089 |
| 15.08.2020 | 02:30 | 02:45 | 1.069 |
| 15.08.2020 | 02:45 | 03:00 | 1.053 |
| 15.08.2020 | 03:00 | 03:15 | 1.041 |
| 15.08.2020 | 03:15 | 03:30 | 1.036 |
| 15.08.2020 | 03:30 | 03:45 | 1.045 |
| 15.08.2020 | 03:45 | 04:00 | 1.043 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.08.2020 | 04:00 | 04:15 | 1.046 |
| 15.08.2020 | 04:15 | 04:30 | 1.047 |
| 15.08.2020 | 04:30 | 04:45 | 1.056 |
| 15.08.2020 | 04:45 | 05:00 | 1.059 |
| 15.08.2020 | 05:00 | 05:15 | 1.070 |
| 15.08.2020 | 05:15 | 05:30 | 1.078 |
| 15.08.2020 | 05:30 | 05:45 | 1.092 |
| 15.08.2020 | 05:45 | 06:00 | 1.111 |
| 15.08.2020 | 06:00 | 06:15 | 1.103 |
| 15.08.2020 | 06:15 | 06:30 | 1.115 |
| 15.08.2020 | 06:30 | 06:45 | 1.132 |
| 15.08.2020 | 06:45 | 07:00 | 1.160 |
| 15.08.2020 | 07:00 | 07:15 | 1.200 |
| 15.08.2020 | 07:15 | 07:30 | 1.225 |
| 15.08.2020 | 07:30 | 07:45 | 1.265 |
| 15.08.2020 | 07:45 | 08:00 | 1.300 |
| 15.08.2020 | 08:00 | 08:15 | 1.367 |
| 15.08.2020 | 08:15 | 08:30 | 1.431 |
| 15.08.2020 | 08:30 | 08:45 | 1.480 |
| 15.08.2020 | 08:45 | 09:00 | 1.533 |
| 15.08.2020 | 09:00 | 09:15 | 1.621 |
| 15.08.2020 | 09:15 | 09:30 | 1.690 |
| 15.08.2020 | 09:30 | 09:45 | 1.755 |
| 15.08.2020 | 09:45 | 10:00 | 1.783 |
| 15.08.2020 | 10:00 | 10:15 | 1.828 |
| 15.08.2020 | 10:15 | 10:30 | 1.892 |
| 15.08.2020 | 10:30 | 10:45 | 1.906 |
| 15.08.2020 | 10:45 | 11:00 | 1.930 |
| 15.08.2020 | 11:00 | 11:15 | 1.972 |
| 15.08.2020 | 11:15 | 11:30 | 1.995 |
| 15.08.2020 | 11:30 | 11:45 | 2.033 |
| 15.08.2020 | 11:45 | 12:00 | 2.118 |
| 15.08.2020 | 12:00 | 12:15 | 2.126 |
| 15.08.2020 | 12:15 | 12:30 | 2.138 |
| 15.08.2020 | 12:30 | 12:45 | 2.136 |
| 15.08.2020 | 12:45 | 13:00 | 2.079 |
| 15.08.2020 | 13:00 | 13:15 | 2.047 |
| 15.08.2020 | 13:15 | 13:30 | 2.023 |
| 15.08.2020 | 13:30 | 13:45 | 1.992 |
| 15.08.2020 | 13:45 | 14:00 | 2.016 |
| 15.08.2020 | 14:00 | 14:15 | 2.015 |
| 15.08.2020 | 14:15 | 14:30 | 1.991 |
| 15.08.2020 | 14:30 | 14:45 | 1.974 |
| 15.08.2020 | 14:45 | 15:00 | 1.963 |
| 15.08.2020 | 15:00 | 15:15 | 1.898 |
| 15.08.2020 | 15:15 | 15:30 | 1.896 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.08.2020 | 15:30 | 15:45 | 1.894 |
| 15.08.2020 | 15:45 | 16:00 | 1.845 |
| 15.08.2020 | 16:00 | 16:15 | 1.823 |
| 15.08.2020 | 16:15 | 16:30 | 1.773 |
| 15.08.2020 | 16:30 | 16:45 | 1.734 |
| 15.08.2020 | 16:45 | 17:00 | 1.746 |
| 15.08.2020 | 17:00 | 17:15 | 1.735 |
| 15.08.2020 | 17:15 | 17:30 | 1.731 |
| 15.08.2020 | 17:30 | 17:45 | 1.747 |
| 15.08.2020 | 17:45 | 18:00 | 1.775 |
| 15.08.2020 | 18:00 | 18:15 | 1.814 |
| 15.08.2020 | 18:15 | 18:30 | 1.804 |
| 15.08.2020 | 18:30 | 18:45 | 1.751 |
| 15.08.2020 | 18:45 | 19:00 | 1.759 |
| 15.08.2020 | 19:00 | 19:15 | 1.736 |
| 15.08.2020 | 19:15 | 19:30 | 1.707 |
| 15.08.2020 | 19:30 | 19:45 | 1.692 |
| 15.08.2020 | 19:45 | 20:00 | 1.669 |
| 15.08.2020 | 20:00 | 20:15 | 1.642 |
| 15.08.2020 | 20:15 | 20:30 | 1.622 |
| 15.08.2020 | 20:30 | 20:45 | 1.608 |
| 15.08.2020 | 20:45 | 21:00 | 1.610 |
| 15.08.2020 | 21:00 | 21:15 | 1.617 |
| 15.08.2020 | 21:15 | 21:30 | 1.633 |
| 15.08.2020 | 21:30 | 21:45 | 1.609 |
| 15.08.2020 | 21:45 | 22:00 | 1.604 |
| 15.08.2020 | 22:00 | 22:15 | 1.547 |
| 15.08.2020 | 22:15 | 22:30 | 1.489 |
| 15.08.2020 | 22:30 | 22:45 | 1.443 |
| 15.08.2020 | 22:45 | 23:00 | 1.404 |
| 15.08.2020 | 23:00 | 23:15 | 1.371 |
| 15.08.2020 | 23:15 | 23:30 | 1.328 |
| 15.08.2020 | 23:30 | 23:45 | 1.318 |
| 15.08.2020 | 23:45 | 00:00 | 1.265 |
| 16.08.2020 | 00:00 | 00:15 | 1.177 |
| 16.08.2020 | 00:15 | 00:30 | 1.142 |
| 16.08.2020 | 00:30 | 00:45 | 1.119 |
| 16.08.2020 | 00:45 | 01:00 | 1.094 |
| 16.08.2020 | 01:00 | 01:15 | 1.059 |
| 16.08.2020 | 01:15 | 01:30 | 1.034 |
| 16.08.2020 | 01:30 | 01:45 | 1.017 |
| 16.08.2020 | 01:45 | 02:00 | 1.004 |
| 16.08.2020 | 02:00 | 02:15 | 991 |
| 16.08.2020 | 02:15 | 02:30 | 1.002 |
| 16.08.2020 | 02:30 | 02:45 | 1.001 |
| 16.08.2020 | 02:45 | 03:00 | 990 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.08.2020 | 03:00 | 03:15 | 984 |
| 16.08.2020 | 03:15 | 03:30 | 980 |
| 16.08.2020 | 03:30 | 03:45 | 971 |
| 16.08.2020 | 03:45 | 04:00 | 972 |
| 16.08.2020 | 04:00 | 04:15 | 970 |
| 16.08.2020 | 04:15 | 04:30 | 968 |
| 16.08.2020 | 04:30 | 04:45 | 971 |
| 16.08.2020 | 04:45 | 05:00 | 975 |
| 16.08.2020 | 05:00 | 05:15 | 977 |
| 16.08.2020 | 05:15 | 05:30 | 988 |
| 16.08.2020 | 05:30 | 05:45 | 993 |
| 16.08.2020 | 05:45 | 06:00 | 990 |
| 16.08.2020 | 06:00 | 06:15 | 971 |
| 16.08.2020 | 06:15 | 06:30 | 960 |
| 16.08.2020 | 06:30 | 06:45 | 969 |
| 16.08.2020 | 06:45 | 07:00 | 981 |
| 16.08.2020 | 07:00 | 07:15 | 1.000 |
| 16.08.2020 | 07:15 | 07:30 | 1.022 |
| 16.08.2020 | 07:30 | 07:45 | 1.063 |
| 16.08.2020 | 07:45 | 08:00 | 1.111 |
| 16.08.2020 | 08:00 | 08:15 | 1.172 |
| 16.08.2020 | 08:15 | 08:30 | 1.219 |
| 16.08.2020 | 08:30 | 08:45 | 1.272 |
| 16.08.2020 | 08:45 | 09:00 | 1.339 |
| 16.08.2020 | 09:00 | 09:15 | 1.394 |
| 16.08.2020 | 09:15 | 09:30 | 1.447 |
| 16.08.2020 | 09:30 | 09:45 | 1.502 |
| 16.08.2020 | 09:45 | 10:00 | 1.543 |
| 16.08.2020 | 10:00 | 10:15 | 1.589 |
| 16.08.2020 | 10:15 | 10:30 | 1.646 |
| 16.08.2020 | 10:30 | 10:45 | 1.660 |
| 16.08.2020 | 10:45 | 11:00 | 1.705 |
| 16.08.2020 | 11:00 | 11:15 | 1.744 |
| 16.08.2020 | 11:15 | 11:30 | 1.780 |
| 16.08.2020 | 11:30 | 11:45 | 1.825 |
| 16.08.2020 | 11:45 | 12:00 | 1.839 |
| 16.08.2020 | 12:00 | 12:15 | 1.794 |
| 16.08.2020 | 12:15 | 12:30 | 1.821 |
| 16.08.2020 | 12:30 | 12:45 | 1.801 |
| 16.08.2020 | 12:45 | 13:00 | 1.788 |
| 16.08.2020 | 13:00 | 13:15 | 1.770 |
| 16.08.2020 | 13:15 | 13:30 | 1.761 |
| 16.08.2020 | 13:30 | 13:45 | 1.734 |
| 16.08.2020 | 13:45 | 14:00 | 1.724 |
| 16.08.2020 | 14:00 | 14:15 | 1.707 |
| 16.08.2020 | 14:15 | 14:30 | 1.681 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.08.2020 | 14:30 | 14:45 | 1.680 |
| 16.08.2020 | 14:45 | 15:00 | 1.679 |
| 16.08.2020 | 15:00 | 15:15 | 1.693 |
| 16.08.2020 | 15:15 | 15:30 | 1.678 |
| 16.08.2020 | 15:30 | 15:45 | 1.683 |
| 16.08.2020 | 15:45 | 16:00 | 1.683 |
| 16.08.2020 | 16:00 | 16:15 | 1.659 |
| 16.08.2020 | 16:15 | 16:30 | 1.642 |
| 16.08.2020 | 16:30 | 16:45 | 1.631 |
| 16.08.2020 | 16:45 | 17:00 | 1.609 |
| 16.08.2020 | 17:00 | 17:15 | 1.611 |
| 16.08.2020 | 17:15 | 17:30 | 1.616 |
| 16.08.2020 | 17:30 | 17:45 | 1.641 |
| 16.08.2020 | 17:45 | 18:00 | 1.660 |
| 16.08.2020 | 18:00 | 18:15 | 1.690 |
| 16.08.2020 | 18:15 | 18:30 | 1.746 |
| 16.08.2020 | 18:30 | 18:45 | 1.771 |
| 16.08.2020 | 18:45 | 19:00 | 1.807 |
| 16.08.2020 | 19:00 | 19:15 | 1.802 |
| 16.08.2020 | 19:15 | 19:30 | 1.801 |
| 16.08.2020 | 19:30 | 19:45 | 1.815 |
| 16.08.2020 | 19:45 | 20:00 | 1.752 |
| 16.08.2020 | 20:00 | 20:15 | 1.730 |
| 16.08.2020 | 20:15 | 20:30 | 1.708 |
| 16.08.2020 | 20:30 | 20:45 | 1.717 |
| 16.08.2020 | 20:45 | 21:00 | 1.699 |
| 16.08.2020 | 21:00 | 21:15 | 1.713 |
| 16.08.2020 | 21:15 | 21:30 | 1.685 |
| 16.08.2020 | 21:30 | 21:45 | 1.652 |
| 16.08.2020 | 21:45 | 22:00 | 1.620 |
| 16.08.2020 | 22:00 | 22:15 | 1.579 |
| 16.08.2020 | 22:15 | 22:30 | 1.510 |
| 16.08.2020 | 22:30 | 22:45 | 1.461 |
| 16.08.2020 | 22:45 | 23:00 | 1.409 |
| 16.08.2020 | 23:00 | 23:15 | 1.352 |
| 16.08.2020 | 23:15 | 23:30 | 1.289 |
| 16.08.2020 | 23:30 | 23:45 | 1.260 |
| 16.08.2020 | 23:45 | 00:00 | 1.219 |
| 17.08.2020 | 00:00 | 00:15 | 1.189 |
| 17.08.2020 | 00:15 | 00:30 | 1.166 |
| 17.08.2020 | 00:30 | 00:45 | 1.134 |
| 17.08.2020 | 00:45 | 01:00 | 1.124 |
| 17.08.2020 | 01:00 | 01:15 | 1.094 |
| 17.08.2020 | 01:15 | 01:30 | 1.068 |
| 17.08.2020 | 01:30 | 01:45 | 1.055 |
| 17.08.2020 | 01:45 | 02:00 | 1.044 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.08.2020 | 02:00 | 02:15 | 1.038 |
| 17.08.2020 | 02:15 | 02:30 | 1.037 |
| 17.08.2020 | 02:30 | 02:45 | 1.032 |
| 17.08.2020 | 02:45 | 03:00 | 1.029 |
| 17.08.2020 | 03:00 | 03:15 | 1.025 |
| 17.08.2020 | 03:15 | 03:30 | 1.029 |
| 17.08.2020 | 03:30 | 03:45 | 1.034 |
| 17.08.2020 | 03:45 | 04:00 | 1.031 |
| 17.08.2020 | 04:00 | 04:15 | 1.052 |
| 17.08.2020 | 04:15 | 04:30 | 1.050 |
| 17.08.2020 | 04:30 | 04:45 | 1.080 |
| 17.08.2020 | 04:45 | 05:00 | 1.108 |
| 17.08.2020 | 05:00 | 05:15 | 1.147 |
| 17.08.2020 | 05:15 | 05:30 | 1.204 |
| 17.08.2020 | 05:30 | 05:45 | 1.292 |
| 17.08.2020 | 05:45 | 06:00 | 1.387 |
| 17.08.2020 | 06:00 | 06:15 | 1.475 |
| 17.08.2020 | 06:15 | 06:30 | 1.607 |
| 17.08.2020 | 06:30 | 06:45 | 1.658 |
| 17.08.2020 | 06:45 | 07:00 | 1.742 |
| 17.08.2020 | 07:00 | 07:15 | 1.849 |
| 17.08.2020 | 07:15 | 07:30 | 1.893 |
| 17.08.2020 | 07:30 | 07:45 | 1.968 |
| 17.08.2020 | 07:45 | 08:00 | 2.047 |
| 17.08.2020 | 08:00 | 08:15 | 2.139 |
| 17.08.2020 | 08:15 | 08:30 | 2.152 |
| 17.08.2020 | 08:30 | 08:45 | 2.240 |
| 17.08.2020 | 08:45 | 09:00 | 2.267 |
| 17.08.2020 | 09:00 | 09:15 | 2.322 |
| 17.08.2020 | 09:15 | 09:30 | 2.364 |
| 17.08.2020 | 09:30 | 09:45 | 2.447 |
| 17.08.2020 | 09:45 | 10:00 | 2.517 |
| 17.08.2020 | 10:00 | 10:15 | 2.561 |
| 17.08.2020 | 10:15 | 10:30 | 2.590 |
| 17.08.2020 | 10:30 | 10:45 | 2.604 |
| 17.08.2020 | 10:45 | 11:00 | 2.638 |
| 17.08.2020 | 11:00 | 11:15 | 2.647 |
| 17.08.2020 | 11:15 | 11:30 | 2.642 |
| 17.08.2020 | 11:30 | 11:45 | 2.637 |
| 17.08.2020 | 11:45 | 12:00 | 2.684 |
| 17.08.2020 | 12:00 | 12:15 | 2.689 |
| 17.08.2020 | 12:15 | 12:30 | 2.709 |
| 17.08.2020 | 12:30 | 12:45 | 2.677 |
| 17.08.2020 | 12:45 | 13:00 | 2.664 |
| 17.08.2020 | 13:00 | 13:15 | 2.630 |
| 17.08.2020 | 13:15 | 13:30 | 2.629 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.08.2020 | 13:30 | 13:45 | 2.621 |
| 17.08.2020 | 13:45 | 14:00 | 2.587 |
| 17.08.2020 | 14:00 | 14:15 | 2.582 |
| 17.08.2020 | 14:15 | 14:30 | 2.549 |
| 17.08.2020 | 14:30 | 14:45 | 2.548 |
| 17.08.2020 | 14:45 | 15:00 | 2.552 |
| 17.08.2020 | 15:00 | 15:15 | 2.528 |
| 17.08.2020 | 15:15 | 15:30 | 2.487 |
| 17.08.2020 | 15:30 | 15:45 | 2.423 |
| 17.08.2020 | 15:45 | 16:00 | 2.412 |
| 17.08.2020 | 16:00 | 16:15 | 2.398 |
| 17.08.2020 | 16:15 | 16:30 | 2.401 |
| 17.08.2020 | 16:30 | 16:45 | 2.441 |
| 17.08.2020 | 16:45 | 17:00 | 2.420 |
| 17.08.2020 | 17:00 | 17:15 | 2.391 |
| 17.08.2020 | 17:15 | 17:30 | 2.396 |
| 17.08.2020 | 17:30 | 17:45 | 2.401 |
| 17.08.2020 | 17:45 | 18:00 | 2.382 |
| 17.08.2020 | 18:00 | 18:15 | 2.339 |
| 17.08.2020 | 18:15 | 18:30 | 2.338 |
| 17.08.2020 | 18:30 | 18:45 | 2.340 |
| 17.08.2020 | 18:45 | 19:00 | 2.314 |
| 17.08.2020 | 19:00 | 19:15 | 2.287 |
| 17.08.2020 | 19:15 | 19:30 | 2.287 |
| 17.08.2020 | 19:30 | 19:45 | 2.283 |
| 17.08.2020 | 19:45 | 20:00 | 2.267 |
| 17.08.2020 | 20:00 | 20:15 | 2.199 |
| 17.08.2020 | 20:15 | 20:30 | 2.151 |
| 17.08.2020 | 20:30 | 20:45 | 2.146 |
| 17.08.2020 | 20:45 | 21:00 | 2.114 |
| 17.08.2020 | 21:00 | 21:15 | 2.065 |
| 17.08.2020 | 21:15 | 21:30 | 2.020 |
| 17.08.2020 | 21:30 | 21:45 | 1.955 |
| 17.08.2020 | 21:45 | 22:00 | 1.854 |
| 17.08.2020 | 22:00 | 22:15 | 1.762 |
| 17.08.2020 | 22:15 | 22:30 | 1.722 |
| 17.08.2020 | 22:30 | 22:45 | 1.674 |
| 17.08.2020 | 22:45 | 23:00 | 1.615 |
| 17.08.2020 | 23:00 | 23:15 | 1.556 |
| 17.08.2020 | 23:15 | 23:30 | 1.505 |
| 17.08.2020 | 23:30 | 23:45 | 1.453 |
| 17.08.2020 | 23:45 | 00:00 | 1.404 |
| 18.08.2020 | 00:00 | 00:15 | 1.354 |
| 18.08.2020 | 00:15 | 00:30 | 1.339 |
| 18.08.2020 | 00:30 | 00:45 | 1.304 |
| 18.08.2020 | 00:45 | 01:00 | 1.279 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.08.2020 | 01:00 | 01:15 | 1.256 |
| 18.08.2020 | 01:15 | 01:30 | 1.229 |
| 18.08.2020 | 01:30 | 01:45 | 1.206 |
| 18.08.2020 | 01:45 | 02:00 | 1.187 |
| 18.08.2020 | 02:00 | 02:15 | 1.180 |
| 18.08.2020 | 02:15 | 02:30 | 1.181 |
| 18.08.2020 | 02:30 | 02:45 | 1.171 |
| 18.08.2020 | 02:45 | 03:00 | 1.161 |
| 18.08.2020 | 03:00 | 03:15 | 1.143 |
| 18.08.2020 | 03:15 | 03:30 | 1.132 |
| 18.08.2020 | 03:30 | 03:45 | 1.140 |
| 18.08.2020 | 03:45 | 04:00 | 1.146 |
| 18.08.2020 | 04:00 | 04:15 | 1.166 |
| 18.08.2020 | 04:15 | 04:30 | 1.184 |
| 18.08.2020 | 04:30 | 04:45 | 1.195 |
| 18.08.2020 | 04:45 | 05:00 | 1.218 |
| 18.08.2020 | 05:00 | 05:15 | 1.245 |
| 18.08.2020 | 05:15 | 05:30 | 1.268 |
| 18.08.2020 | 05:30 | 05:45 | 1.306 |
| 18.08.2020 | 05:45 | 06:00 | 1.399 |
| 18.08.2020 | 06:00 | 06:15 | 1.487 |
| 18.08.2020 | 06:15 | 06:30 | 1.600 |
| 18.08.2020 | 06:30 | 06:45 | 1.661 |
| 18.08.2020 | 06:45 | 07:00 | 1.730 |
| 18.08.2020 | 07:00 | 07:15 | 1.837 |
| 18.08.2020 | 07:15 | 07:30 | 1.890 |
| 18.08.2020 | 07:30 | 07:45 | 1.921 |
| 18.08.2020 | 07:45 | 08:00 | 1.984 |
| 18.08.2020 | 08:00 | 08:15 | 2.052 |
| 18.08.2020 | 08:15 | 08:30 | 2.107 |
| 18.08.2020 | 08:30 | 08:45 | 2.156 |
| 18.08.2020 | 08:45 | 09:00 | 2.197 |
| 18.08.2020 | 09:00 | 09:15 | 2.249 |
| 18.08.2020 | 09:15 | 09:30 | 2.280 |
| 18.08.2020 | 09:30 | 09:45 | 2.333 |
| 18.08.2020 | 09:45 | 10:00 | 2.371 |
| 18.08.2020 | 10:00 | 10:15 | 2.460 |
| 18.08.2020 | 10:15 | 10:30 | 2.461 |
| 18.08.2020 | 10:30 | 10:45 | 2.466 |
| 18.08.2020 | 10:45 | 11:00 | 2.493 |
| 18.08.2020 | 11:00 | 11:15 | 2.516 |
| 18.08.2020 | 11:15 | 11:30 | 2.539 |
| 18.08.2020 | 11:30 | 11:45 | 2.548 |
| 18.08.2020 | 11:45 | 12:00 | 2.547 |
| 18.08.2020 | 12:00 | 12:15 | 2.510 |
| 18.08.2020 | 12:15 | 12:30 | 2.547 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.08.2020 | 12:30 | 12:45 | 2.548 |
| 18.08.2020 | 12:45 | 13:00 | 2.540 |
| 18.08.2020 | 13:00 | 13:15 | 2.554 |
| 18.08.2020 | 13:15 | 13:30 | 2.505 |
| 18.08.2020 | 13:30 | 13:45 | 2.474 |
| 18.08.2020 | 13:45 | 14:00 | 2.451 |
| 18.08.2020 | 14:00 | 14:15 | 2.410 |
| 18.08.2020 | 14:15 | 14:30 | 2.402 |
| 18.08.2020 | 14:30 | 14:45 | 2.421 |
| 18.08.2020 | 14:45 | 15:00 | 2.363 |
| 18.08.2020 | 15:00 | 15:15 | 2.359 |
| 18.08.2020 | 15:15 | 15:30 | 2.332 |
| 18.08.2020 | 15:30 | 15:45 | 2.276 |
| 18.08.2020 | 15:45 | 16:00 | 2.286 |
| 18.08.2020 | 16:00 | 16:15 | 2.298 |
| 18.08.2020 | 16:15 | 16:30 | 2.348 |
| 18.08.2020 | 16:30 | 16:45 | 2.359 |
| 18.08.2020 | 16:45 | 17:00 | 2.381 |
| 18.08.2020 | 17:00 | 17:15 | 2.345 |
| 18.08.2020 | 17:15 | 17:30 | 2.378 |
| 18.08.2020 | 17:30 | 17:45 | 2.357 |
| 18.08.2020 | 17:45 | 18:00 | 2.319 |
| 18.08.2020 | 18:00 | 18:15 | 2.302 |
| 18.08.2020 | 18:15 | 18:30 | 2.320 |
| 18.08.2020 | 18:30 | 18:45 | 2.319 |
| 18.08.2020 | 18:45 | 19:00 | 2.308 |
| 18.08.2020 | 19:00 | 19:15 | 2.271 |
| 18.08.2020 | 19:15 | 19:30 | 2.217 |
| 18.08.2020 | 19:30 | 19:45 | 2.170 |
| 18.08.2020 | 19:45 | 20:00 | 2.159 |
| 18.08.2020 | 20:00 | 20:15 | 2.062 |
| 18.08.2020 | 20:15 | 20:30 | 1.997 |
| 18.08.2020 | 20:30 | 20:45 | 1.976 |
| 18.08.2020 | 20:45 | 21:00 | 1.962 |
| 18.08.2020 | 21:00 | 21:15 | 1.981 |
| 18.08.2020 | 21:15 | 21:30 | 1.971 |
| 18.08.2020 | 21:30 | 21:45 | 1.895 |
| 18.08.2020 | 21:45 | 22:00 | 1.792 |
| 18.08.2020 | 22:00 | 22:15 | 1.683 |
| 18.08.2020 | 22:15 | 22:30 | 1.631 |
| 18.08.2020 | 22:30 | 22:45 | 1.568 |
| 18.08.2020 | 22:45 | 23:00 | 1.509 |
| 18.08.2020 | 23:00 | 23:15 | 1.449 |
| 18.08.2020 | 23:15 | 23:30 | 1.399 |
| 18.08.2020 | 23:30 | 23:45 | 1.346 |
| 18.08.2020 | 23:45 | 00:00 | 1.283 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.08.2020 | 00:00 | 00:15 | 1.250 |
| 19.08.2020 | 00:15 | 00:30 | 1.210 |
| 19.08.2020 | 00:30 | 00:45 | 1.180 |
| 19.08.2020 | 00:45 | 01:00 | 1.161 |
| 19.08.2020 | 01:00 | 01:15 | 1.122 |
| 19.08.2020 | 01:15 | 01:30 | 1.100 |
| 19.08.2020 | 01:30 | 01:45 | 1.100 |
| 19.08.2020 | 01:45 | 02:00 | 1.086 |
| 19.08.2020 | 02:00 | 02:15 | 1.078 |
| 19.08.2020 | 02:15 | 02:30 | 1.081 |
| 19.08.2020 | 02:30 | 02:45 | 1.074 |
| 19.08.2020 | 02:45 | 03:00 | 1.068 |
| 19.08.2020 | 03:00 | 03:15 | 1.069 |
| 19.08.2020 | 03:15 | 03:30 | 1.051 |
| 19.08.2020 | 03:30 | 03:45 | 1.048 |
| 19.08.2020 | 03:45 | 04:00 | 1.054 |
| 19.08.2020 | 04:00 | 04:15 | 1.077 |
| 19.08.2020 | 04:15 | 04:30 | 1.086 |
| 19.08.2020 | 04:30 | 04:45 | 1.092 |
| 19.08.2020 | 04:45 | 05:00 | 1.137 |
| 19.08.2020 | 05:00 | 05:15 | 1.187 |
| 19.08.2020 | 05:15 | 05:30 | 1.220 |
| 19.08.2020 | 05:30 | 05:45 | 1.280 |
| 19.08.2020 | 05:45 | 06:00 | 1.406 |
| 19.08.2020 | 06:00 | 06:15 | 1.540 |
| 19.08.2020 | 06:15 | 06:30 | 1.644 |
| 19.08.2020 | 06:30 | 06:45 | 1.702 |
| 19.08.2020 | 06:45 | 07:00 | 1.780 |
| 19.08.2020 | 07:00 | 07:15 | 1.877 |
| 19.08.2020 | 07:15 | 07:30 | 1.949 |
| 19.08.2020 | 07:30 | 07:45 | 1.980 |
| 19.08.2020 | 07:45 | 08:00 | 2.022 |
| 19.08.2020 | 08:00 | 08:15 | 2.071 |
| 19.08.2020 | 08:15 | 08:30 | 2.067 |
| 19.08.2020 | 08:30 | 08:45 | 2.090 |
| 19.08.2020 | 08:45 | 09:00 | 2.166 |
| 19.08.2020 | 09:00 | 09:15 | 2.200 |
| 19.08.2020 | 09:15 | 09:30 | 2.242 |
| 19.08.2020 | 09:30 | 09:45 | 2.261 |
| 19.08.2020 | 09:45 | 10:00 | 2.292 |
| 19.08.2020 | 10:00 | 10:15 | 2.344 |
| 19.08.2020 | 10:15 | 10:30 | 2.387 |
| 19.08.2020 | 10:30 | 10:45 | 2.415 |
| 19.08.2020 | 10:45 | 11:00 | 2.482 |
| 19.08.2020 | 11:00 | 11:15 | 2.524 |
| 19.08.2020 | 11:15 | 11:30 | 2.536 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.08.2020 | 11:30 | 11:45 | 2.497 |
| 19.08.2020 | 11:45 | 12:00 | 2.548 |
| 19.08.2020 | 12:00 | 12:15 | 2.524 |
| 19.08.2020 | 12:15 | 12:30 | 2.529 |
| 19.08.2020 | 12:30 | 12:45 | 2.629 |
| 19.08.2020 | 12:45 | 13:00 | 2.624 |
| 19.08.2020 | 13:00 | 13:15 | 2.646 |
| 19.08.2020 | 13:15 | 13:30 | 2.602 |
| 19.08.2020 | 13:30 | 13:45 | 2.549 |
| 19.08.2020 | 13:45 | 14:00 | 2.496 |
| 19.08.2020 | 14:00 | 14:15 | 2.506 |
| 19.08.2020 | 14:15 | 14:30 | 2.491 |
| 19.08.2020 | 14:30 | 14:45 | 2.494 |
| 19.08.2020 | 14:45 | 15:00 | 2.468 |
| 19.08.2020 | 15:00 | 15:15 | 2.447 |
| 19.08.2020 | 15:15 | 15:30 | 2.415 |
| 19.08.2020 | 15:30 | 15:45 | 2.378 |
| 19.08.2020 | 15:45 | 16:00 | 2.337 |
| 19.08.2020 | 16:00 | 16:15 | 2.382 |
| 19.08.2020 | 16:15 | 16:30 | 2.380 |
| 19.08.2020 | 16:30 | 16:45 | 2.373 |
| 19.08.2020 | 16:45 | 17:00 | 2.405 |
| 19.08.2020 | 17:00 | 17:15 | 2.383 |
| 19.08.2020 | 17:15 | 17:30 | 2.363 |
| 19.08.2020 | 17:30 | 17:45 | 2.373 |
| 19.08.2020 | 17:45 | 18:00 | 2.369 |
| 19.08.2020 | 18:00 | 18:15 | 2.361 |
| 19.08.2020 | 18:15 | 18:30 | 2.345 |
| 19.08.2020 | 18:30 | 18:45 | 2.343 |
| 19.08.2020 | 18:45 | 19:00 | 2.336 |
| 19.08.2020 | 19:00 | 19:15 | 2.331 |
| 19.08.2020 | 19:15 | 19:30 | 2.313 |
| 19.08.2020 | 19:30 | 19:45 | 2.293 |
| 19.08.2020 | 19:45 | 20:00 | 2.280 |
| 19.08.2020 | 20:00 | 20:15 | 2.174 |
| 19.08.2020 | 20:15 | 20:30 | 2.057 |
| 19.08.2020 | 20:30 | 20:45 | 2.012 |
| 19.08.2020 | 20:45 | 21:00 | 2.020 |
| 19.08.2020 | 21:00 | 21:15 | 2.055 |
| 19.08.2020 | 21:15 | 21:30 | 2.009 |
| 19.08.2020 | 21:30 | 21:45 | 1.960 |
| 19.08.2020 | 21:45 | 22:00 | 1.849 |
| 19.08.2020 | 22:00 | 22:15 | 1.772 |
| 19.08.2020 | 22:15 | 22:30 | 1.739 |
| 19.08.2020 | 22:30 | 22:45 | 1.673 |
| 19.08.2020 | 22:45 | 23:00 | 1.624 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.08.2020 | 23:00 | 23:15 | 1.582 |
| 19.08.2020 | 23:15 | 23:30 | 1.537 |
| 19.08.2020 | 23:30 | 23:45 | 1.473 |
| 19.08.2020 | 23:45 | 00:00 | 1.399 |
| 20.08.2020 | 00:00 | 00:15 | 1.342 |
| 20.08.2020 | 00:15 | 00:30 | 1.331 |
| 20.08.2020 | 00:30 | 00:45 | 1.308 |
| 20.08.2020 | 00:45 | 01:00 | 1.292 |
| 20.08.2020 | 01:00 | 01:15 | 1.266 |
| 20.08.2020 | 01:15 | 01:30 | 1.235 |
| 20.08.2020 | 01:30 | 01:45 | 1.211 |
| 20.08.2020 | 01:45 | 02:00 | 1.199 |
| 20.08.2020 | 02:00 | 02:15 | 1.205 |
| 20.08.2020 | 02:15 | 02:30 | 1.195 |
| 20.08.2020 | 02:30 | 02:45 | 1.185 |
| 20.08.2020 | 02:45 | 03:00 | 1.171 |
| 20.08.2020 | 03:00 | 03:15 | 1.143 |
| 20.08.2020 | 03:15 | 03:30 | 1.055 |
| 20.08.2020 | 03:30 | 03:45 | 1.057 |
| 20.08.2020 | 03:45 | 04:00 | 1.061 |
| 20.08.2020 | 04:00 | 04:15 | 1.089 |
| 20.08.2020 | 04:15 | 04:30 | 1.089 |
| 20.08.2020 | 04:30 | 04:45 | 1.092 |
| 20.08.2020 | 04:45 | 05:00 | 1.143 |
| 20.08.2020 | 05:00 | 05:15 | 1.192 |
| 20.08.2020 | 05:15 | 05:30 | 1.230 |
| 20.08.2020 | 05:30 | 05:45 | 1.293 |
| 20.08.2020 | 05:45 | 06:00 | 1.381 |
| 20.08.2020 | 06:00 | 06:15 | 1.489 |
| 20.08.2020 | 06:15 | 06:30 | 1.565 |
| 20.08.2020 | 06:30 | 06:45 | 1.635 |
| 20.08.2020 | 06:45 | 07:00 | 1.683 |
| 20.08.2020 | 07:00 | 07:15 | 1.764 |
| 20.08.2020 | 07:15 | 07:30 | 1.817 |
| 20.08.2020 | 07:30 | 07:45 | 1.864 |
| 20.08.2020 | 07:45 | 08:00 | 1.905 |
| 20.08.2020 | 08:00 | 08:15 | 1.954 |
| 20.08.2020 | 08:15 | 08:30 | 2.009 |
| 20.08.2020 | 08:30 | 08:45 | 2.038 |
| 20.08.2020 | 08:45 | 09:00 | 2.075 |
| 20.08.2020 | 09:00 | 09:15 | 2.129 |
| 20.08.2020 | 09:15 | 09:30 | 2.203 |
| 20.08.2020 | 09:30 | 09:45 | 2.266 |
| 20.08.2020 | 09:45 | 10:00 | 2.253 |
| 20.08.2020 | 10:00 | 10:15 | 2.273 |
| 20.08.2020 | 10:15 | 10:30 | 2.282 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.08.2020 | 10:30 | 10:45 | 2.381 |
| 20.08.2020 | 10:45 | 11:00 | 2.419 |
| 20.08.2020 | 11:00 | 11:15 | 2.446 |
| 20.08.2020 | 11:15 | 11:30 | 2.442 |
| 20.08.2020 | 11:30 | 11:45 | 2.461 |
| 20.08.2020 | 11:45 | 12:00 | 2.493 |
| 20.08.2020 | 12:00 | 12:15 | 2.501 |
| 20.08.2020 | 12:15 | 12:30 | 2.524 |
| 20.08.2020 | 12:30 | 12:45 | 2.597 |
| 20.08.2020 | 12:45 | 13:00 | 2.589 |
| 20.08.2020 | 13:00 | 13:15 | 2.565 |
| 20.08.2020 | 13:15 | 13:30 | 2.572 |
| 20.08.2020 | 13:30 | 13:45 | 2.531 |
| 20.08.2020 | 13:45 | 14:00 | 2.506 |
| 20.08.2020 | 14:00 | 14:15 | 2.579 |
| 20.08.2020 | 14:15 | 14:30 | 2.583 |
| 20.08.2020 | 14:30 | 14:45 | 2.571 |
| 20.08.2020 | 14:45 | 15:00 | 2.550 |
| 20.08.2020 | 15:00 | 15:15 | 2.557 |
| 20.08.2020 | 15:15 | 15:30 | 2.488 |
| 20.08.2020 | 15:30 | 15:45 | 2.473 |
| 20.08.2020 | 15:45 | 16:00 | 2.544 |
| 20.08.2020 | 16:00 | 16:15 | 2.551 |
| 20.08.2020 | 16:15 | 16:30 | 2.541 |
| 20.08.2020 | 16:30 | 16:45 | 2.523 |
| 20.08.2020 | 16:45 | 17:00 | 2.502 |
| 20.08.2020 | 17:00 | 17:15 | 2.549 |
| 20.08.2020 | 17:15 | 17:30 | 2.591 |
| 20.08.2020 | 17:30 | 17:45 | 2.562 |
| 20.08.2020 | 17:45 | 18:00 | 2.567 |
| 20.08.2020 | 18:00 | 18:15 | 2.502 |
| 20.08.2020 | 18:15 | 18:30 | 2.491 |
| 20.08.2020 | 18:30 | 18:45 | 2.515 |
| 20.08.2020 | 18:45 | 19:00 | 2.531 |
| 20.08.2020 | 19:00 | 19:15 | 2.531 |
| 20.08.2020 | 19:15 | 19:30 | 2.489 |
| 20.08.2020 | 19:30 | 19:45 | 2.407 |
| 20.08.2020 | 19:45 | 20:00 | 2.392 |
| 20.08.2020 | 20:00 | 20:15 | 2.312 |
| 20.08.2020 | 20:15 | 20:30 | 2.273 |
| 20.08.2020 | 20:30 | 20:45 | 2.270 |
| 20.08.2020 | 20:45 | 21:00 | 2.260 |
| 20.08.2020 | 21:00 | 21:15 | 2.255 |
| 20.08.2020 | 21:15 | 21:30 | 2.158 |
| 20.08.2020 | 21:30 | 21:45 | 2.071 |
| 20.08.2020 | 21:45 | 22:00 | 1.977 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.08.2020 | 22:00 | 22:15 | 1.901 |
| 20.08.2020 | 22:15 | 22:30 | 1.878 |
| 20.08.2020 | 22:30 | 22:45 | 1.800 |
| 20.08.2020 | 22:45 | 23:00 | 1.733 |
| 20.08.2020 | 23:00 | 23:15 | 1.652 |
| 20.08.2020 | 23:15 | 23:30 | 1.601 |
| 20.08.2020 | 23:30 | 23:45 | 1.556 |
| 20.08.2020 | 23:45 | 00:00 | 1.498 |
| 21.08.2020 | 00:00 | 00:15 | 1.451 |
| 21.08.2020 | 00:15 | 00:30 | 1.416 |
| 21.08.2020 | 00:30 | 00:45 | 1.407 |
| 21.08.2020 | 00:45 | 01:00 | 1.368 |
| 21.08.2020 | 01:00 | 01:15 | 1.331 |
| 21.08.2020 | 01:15 | 01:30 | 1.298 |
| 21.08.2020 | 01:30 | 01:45 | 1.274 |
| 21.08.2020 | 01:45 | 02:00 | 1.257 |
| 21.08.2020 | 02:00 | 02:15 | 1.220 |
| 21.08.2020 | 02:15 | 02:30 | 1.202 |
| 21.08.2020 | 02:30 | 02:45 | 1.189 |
| 21.08.2020 | 02:45 | 03:00 | 1.186 |
| 21.08.2020 | 03:00 | 03:15 | 1.174 |
| 21.08.2020 | 03:15 | 03:30 | 1.170 |
| 21.08.2020 | 03:30 | 03:45 | 1.178 |
| 21.08.2020 | 03:45 | 04:00 | 1.182 |
| 21.08.2020 | 04:00 | 04:15 | 1.207 |
| 21.08.2020 | 04:15 | 04:30 | 1.239 |
| 21.08.2020 | 04:30 | 04:45 | 1.245 |
| 21.08.2020 | 04:45 | 05:00 | 1.254 |
| 21.08.2020 | 05:00 | 05:15 | 1.274 |
| 21.08.2020 | 05:15 | 05:30 | 1.321 |
| 21.08.2020 | 05:30 | 05:45 | 1.343 |
| 21.08.2020 | 05:45 | 06:00 | 1.427 |
| 21.08.2020 | 06:00 | 06:15 | 1.544 |
| 21.08.2020 | 06:15 | 06:30 | 1.611 |
| 21.08.2020 | 06:30 | 06:45 | 1.701 |
| 21.08.2020 | 06:45 | 07:00 | 1.843 |
| 21.08.2020 | 07:00 | 07:15 | 1.943 |
| 21.08.2020 | 07:15 | 07:30 | 1.959 |
| 21.08.2020 | 07:30 | 07:45 | 1.985 |
| 21.08.2020 | 07:45 | 08:00 | 2.020 |
| 21.08.2020 | 08:00 | 08:15 | 2.065 |
| 21.08.2020 | 08:15 | 08:30 | 2.105 |
| 21.08.2020 | 08:30 | 08:45 | 2.138 |
| 21.08.2020 | 08:45 | 09:00 | 2.185 |
| 21.08.2020 | 09:00 | 09:15 | 2.253 |
| 21.08.2020 | 09:15 | 09:30 | 2.275 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.08.2020 | 09:30 | 09:45 | 2.302 |
| 21.08.2020 | 09:45 | 10:00 | 2.354 |
| 21.08.2020 | 10:00 | 10:15 | 2.400 |
| 21.08.2020 | 10:15 | 10:30 | 2.429 |
| 21.08.2020 | 10:30 | 10:45 | 2.490 |
| 21.08.2020 | 10:45 | 11:00 | 2.533 |
| 21.08.2020 | 11:00 | 11:15 | 2.594 |
| 21.08.2020 | 11:15 | 11:30 | 2.615 |
| 21.08.2020 | 11:30 | 11:45 | 2.625 |
| 21.08.2020 | 11:45 | 12:00 | 2.648 |
| 21.08.2020 | 12:00 | 12:15 | 2.697 |
| 21.08.2020 | 12:15 | 12:30 | 2.659 |
| 21.08.2020 | 12:30 | 12:45 | 2.612 |
| 21.08.2020 | 12:45 | 13:00 | 2.657 |
| 21.08.2020 | 13:00 | 13:15 | 2.662 |
| 21.08.2020 | 13:15 | 13:30 | 2.660 |
| 21.08.2020 | 13:30 | 13:45 | 2.604 |
| 21.08.2020 | 13:45 | 14:00 | 2.532 |
| 21.08.2020 | 14:00 | 14:15 | 2.508 |
| 21.08.2020 | 14:15 | 14:30 | 2.542 |
| 21.08.2020 | 14:30 | 14:45 | 2.514 |
| 21.08.2020 | 14:45 | 15:00 | 2.487 |
| 21.08.2020 | 15:00 | 15:15 | 2.495 |
| 21.08.2020 | 15:15 | 15:30 | 2.484 |
| 21.08.2020 | 15:30 | 15:45 | 2.511 |
| 21.08.2020 | 15:45 | 16:00 | 2.491 |
| 21.08.2020 | 16:00 | 16:15 | 2.520 |
| 21.08.2020 | 16:15 | 16:30 | 2.515 |
| 21.08.2020 | 16:30 | 16:45 | 2.492 |
| 21.08.2020 | 16:45 | 17:00 | 2.460 |
| 21.08.2020 | 17:00 | 17:15 | 2.455 |
| 21.08.2020 | 17:15 | 17:30 | 2.441 |
| 21.08.2020 | 17:30 | 17:45 | 2.447 |
| 21.08.2020 | 17:45 | 18:00 | 2.431 |
| 21.08.2020 | 18:00 | 18:15 | 2.433 |
| 21.08.2020 | 18:15 | 18:30 | 2.432 |
| 21.08.2020 | 18:30 | 18:45 | 2.449 |
| 21.08.2020 | 18:45 | 19:00 | 2.472 |
| 21.08.2020 | 19:00 | 19:15 | 2.390 |
| 21.08.2020 | 19:15 | 19:30 | 2.310 |
| 21.08.2020 | 19:30 | 19:45 | 2.254 |
| 21.08.2020 | 19:45 | 20:00 | 2.220 |
| 21.08.2020 | 20:00 | 20:15 | 2.134 |
| 21.08.2020 | 20:15 | 20:30 | 2.060 |
| 21.08.2020 | 20:30 | 20:45 | 2.076 |
| 21.08.2020 | 20:45 | 21:00 | 2.102 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.08.2020 | 21:00 | 21:15 | 2.140 |
| 21.08.2020 | 21:15 | 21:30 | 2.132 |
| 21.08.2020 | 21:30 | 21:45 | 2.034 |
| 21.08.2020 | 21:45 | 22:00 | 1.928 |
| 21.08.2020 | 22:00 | 22:15 | 1.844 |
| 21.08.2020 | 22:15 | 22:30 | 1.781 |
| 21.08.2020 | 22:30 | 22:45 | 1.780 |
| 21.08.2020 | 22:45 | 23:00 | 1.691 |
| 21.08.2020 | 23:00 | 23:15 | 1.612 |
| 21.08.2020 | 23:15 | 23:30 | 1.541 |
| 21.08.2020 | 23:30 | 23:45 | 1.482 |
| 21.08.2020 | 23:45 | 00:00 | 1.441 |
| 22.08.2020 | 00:00 | 00:15 | 1.385 |
| 22.08.2020 | 00:15 | 00:30 | 1.354 |
| 22.08.2020 | 00:30 | 00:45 | 1.308 |
| 22.08.2020 | 00:45 | 01:00 | 1.282 |
| 22.08.2020 | 01:00 | 01:15 | 1.249 |
| 22.08.2020 | 01:15 | 01:30 | 1.220 |
| 22.08.2020 | 01:30 | 01:45 | 1.189 |
| 22.08.2020 | 01:45 | 02:00 | 1.184 |
| 22.08.2020 | 02:00 | 02:15 | 1.165 |
| 22.08.2020 | 02:15 | 02:30 | 1.148 |
| 22.08.2020 | 02:30 | 02:45 | 1.132 |
| 22.08.2020 | 02:45 | 03:00 | 1.126 |
| 22.08.2020 | 03:00 | 03:15 | 1.104 |
| 22.08.2020 | 03:15 | 03:30 | 1.082 |
| 22.08.2020 | 03:30 | 03:45 | 1.075 |
| 22.08.2020 | 03:45 | 04:00 | 1.070 |
| 22.08.2020 | 04:00 | 04:15 | 1.047 |
| 22.08.2020 | 04:15 | 04:30 | 1.048 |
| 22.08.2020 | 04:30 | 04:45 | 1.044 |
| 22.08.2020 | 04:45 | 05:00 | 1.060 |
| 22.08.2020 | 05:00 | 05:15 | 1.075 |
| 22.08.2020 | 05:15 | 05:30 | 1.087 |
| 22.08.2020 | 05:30 | 05:45 | 1.102 |
| 22.08.2020 | 05:45 | 06:00 | 1.127 |
| 22.08.2020 | 06:00 | 06:15 | 1.138 |
| 22.08.2020 | 06:15 | 06:30 | 1.126 |
| 22.08.2020 | 06:30 | 06:45 | 1.132 |
| 22.08.2020 | 06:45 | 07:00 | 1.151 |
| 22.08.2020 | 07:00 | 07:15 | 1.185 |
| 22.08.2020 | 07:15 | 07:30 | 1.222 |
| 22.08.2020 | 07:30 | 07:45 | 1.263 |
| 22.08.2020 | 07:45 | 08:00 | 1.327 |
| 22.08.2020 | 08:00 | 08:15 | 1.404 |
| 22.08.2020 | 08:15 | 08:30 | 1.448 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.08.2020 | 08:30 | 08:45 | 1.496 |
| 22.08.2020 | 08:45 | 09:00 | 1.539 |
| 22.08.2020 | 09:00 | 09:15 | 1.591 |
| 22.08.2020 | 09:15 | 09:30 | 1.653 |
| 22.08.2020 | 09:30 | 09:45 | 1.715 |
| 22.08.2020 | 09:45 | 10:00 | 1.788 |
| 22.08.2020 | 10:00 | 10:15 | 1.802 |
| 22.08.2020 | 10:15 | 10:30 | 1.839 |
| 22.08.2020 | 10:30 | 10:45 | 1.860 |
| 22.08.2020 | 10:45 | 11:00 | 1.866 |
| 22.08.2020 | 11:00 | 11:15 | 1.938 |
| 22.08.2020 | 11:15 | 11:30 | 1.976 |
| 22.08.2020 | 11:30 | 11:45 | 1.965 |
| 22.08.2020 | 11:45 | 12:00 | 1.943 |
| 22.08.2020 | 12:00 | 12:15 | 1.971 |
| 22.08.2020 | 12:15 | 12:30 | 2.010 |
| 22.08.2020 | 12:30 | 12:45 | 2.015 |
| 22.08.2020 | 12:45 | 13:00 | 2.001 |
| 22.08.2020 | 13:00 | 13:15 | 1.968 |
| 22.08.2020 | 13:15 | 13:30 | 1.953 |
| 22.08.2020 | 13:30 | 13:45 | 1.973 |
| 22.08.2020 | 13:45 | 14:00 | 1.947 |
| 22.08.2020 | 14:00 | 14:15 | 1.961 |
| 22.08.2020 | 14:15 | 14:30 | 1.963 |
| 22.08.2020 | 14:30 | 14:45 | 1.948 |
| 22.08.2020 | 14:45 | 15:00 | 1.917 |
| 22.08.2020 | 15:00 | 15:15 | 1.874 |
| 22.08.2020 | 15:15 | 15:30 | 1.858 |
| 22.08.2020 | 15:30 | 15:45 | 1.846 |
| 22.08.2020 | 15:45 | 16:00 | 1.827 |
| 22.08.2020 | 16:00 | 16:15 | 1.829 |
| 22.08.2020 | 16:15 | 16:30 | 1.802 |
| 22.08.2020 | 16:30 | 16:45 | 1.809 |
| 22.08.2020 | 16:45 | 17:00 | 1.797 |
| 22.08.2020 | 17:00 | 17:15 | 1.794 |
| 22.08.2020 | 17:15 | 17:30 | 1.818 |
| 22.08.2020 | 17:30 | 17:45 | 1.830 |
| 22.08.2020 | 17:45 | 18:00 | 1.831 |
| 22.08.2020 | 18:00 | 18:15 | 1.867 |
| 22.08.2020 | 18:15 | 18:30 | 1.880 |
| 22.08.2020 | 18:30 | 18:45 | 1.903 |
| 22.08.2020 | 18:45 | 19:00 | 1.909 |
| 22.08.2020 | 19:00 | 19:15 | 1.863 |
| 22.08.2020 | 19:15 | 19:30 | 1.813 |
| 22.08.2020 | 19:30 | 19:45 | 1.766 |
| 22.08.2020 | 19:45 | 20:00 | 1.730 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.08.2020 | 20:00 | 20:15 | 1.702 |
| 22.08.2020 | 20:15 | 20:30 | 1.676 |
| 22.08.2020 | 20:30 | 20:45 | 1.669 |
| 22.08.2020 | 20:45 | 21:00 | 1.675 |
| 22.08.2020 | 21:00 | 21:15 | 1.727 |
| 22.08.2020 | 21:15 | 21:30 | 1.683 |
| 22.08.2020 | 21:30 | 21:45 | 1.645 |
| 22.08.2020 | 21:45 | 22:00 | 1.602 |
| 22.08.2020 | 22:00 | 22:15 | 1.548 |
| 22.08.2020 | 22:15 | 22:30 | 1.502 |
| 22.08.2020 | 22:30 | 22:45 | 1.458 |
| 22.08.2020 | 22:45 | 23:00 | 1.424 |
| 22.08.2020 | 23:00 | 23:15 | 1.378 |
| 22.08.2020 | 23:15 | 23:30 | 1.336 |
| 22.08.2020 | 23:30 | 23:45 | 1.303 |
| 22.08.2020 | 23:45 | 00:00 | 1.264 |
| 23.08.2020 | 00:00 | 00:15 | 1.228 |
| 23.08.2020 | 00:15 | 00:30 | 1.195 |
| 23.08.2020 | 00:30 | 00:45 | 1.170 |
| 23.08.2020 | 00:45 | 01:00 | 1.140 |
| 23.08.2020 | 01:00 | 01:15 | 1.112 |
| 23.08.2020 | 01:15 | 01:30 | 1.092 |
| 23.08.2020 | 01:30 | 01:45 | 1.080 |
| 23.08.2020 | 01:45 | 02:00 | 1.043 |
| 23.08.2020 | 02:00 | 02:15 | 1.001 |
| 23.08.2020 | 02:15 | 02:30 | 993 |
| 23.08.2020 | 02:30 | 02:45 | 981 |
| 23.08.2020 | 02:45 | 03:00 | 976 |
| 23.08.2020 | 03:00 | 03:15 | 972 |
| 23.08.2020 | 03:15 | 03:30 | 964 |
| 23.08.2020 | 03:30 | 03:45 | 959 |
| 23.08.2020 | 03:45 | 04:00 | 922 |
| 23.08.2020 | 04:00 | 04:15 | 923 |
| 23.08.2020 | 04:15 | 04:30 | 919 |
| 23.08.2020 | 04:30 | 04:45 | 883 |
| 23.08.2020 | 04:45 | 05:00 | 883 |
| 23.08.2020 | 05:00 | 05:15 | 888 |
| 23.08.2020 | 05:15 | 05:30 | 899 |
| 23.08.2020 | 05:30 | 05:45 | 906 |
| 23.08.2020 | 05:45 | 06:00 | 912 |
| 23.08.2020 | 06:00 | 06:15 | 915 |
| 23.08.2020 | 06:15 | 06:30 | 904 |
| 23.08.2020 | 06:30 | 06:45 | 904 |
| 23.08.2020 | 06:45 | 07:00 | 911 |
| 23.08.2020 | 07:00 | 07:15 | 927 |
| 23.08.2020 | 07:15 | 07:30 | 951 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.08.2020 | 07:30 | 07:45 | 1.005 |
| 23.08.2020 | 07:45 | 08:00 | 1.042 |
| 23.08.2020 | 08:00 | 08:15 | 1.089 |
| 23.08.2020 | 08:15 | 08:30 | 1.124 |
| 23.08.2020 | 08:30 | 08:45 | 1.176 |
| 23.08.2020 | 08:45 | 09:00 | 1.206 |
| 23.08.2020 | 09:00 | 09:15 | 1.257 |
| 23.08.2020 | 09:15 | 09:30 | 1.293 |
| 23.08.2020 | 09:30 | 09:45 | 1.346 |
| 23.08.2020 | 09:45 | 10:00 | 1.386 |
| 23.08.2020 | 10:00 | 10:15 | 1.432 |
| 23.08.2020 | 10:15 | 10:30 | 1.463 |
| 23.08.2020 | 10:30 | 10:45 | 1.499 |
| 23.08.2020 | 10:45 | 11:00 | 1.547 |
| 23.08.2020 | 11:00 | 11:15 | 1.562 |
| 23.08.2020 | 11:15 | 11:30 | 1.587 |
| 23.08.2020 | 11:30 | 11:45 | 1.653 |
| 23.08.2020 | 11:45 | 12:00 | 1.738 |
| 23.08.2020 | 12:00 | 12:15 | 1.754 |
| 23.08.2020 | 12:15 | 12:30 | 1.737 |
| 23.08.2020 | 12:30 | 12:45 | 1.745 |
| 23.08.2020 | 12:45 | 13:00 | 1.742 |
| 23.08.2020 | 13:00 | 13:15 | 1.738 |
| 23.08.2020 | 13:15 | 13:30 | 1.730 |
| 23.08.2020 | 13:30 | 13:45 | 1.654 |
| 23.08.2020 | 13:45 | 14:00 | 1.651 |
| 23.08.2020 | 14:00 | 14:15 | 1.613 |
| 23.08.2020 | 14:15 | 14:30 | 1.650 |
| 23.08.2020 | 14:30 | 14:45 | 1.632 |
| 23.08.2020 | 14:45 | 15:00 | 1.601 |
| 23.08.2020 | 15:00 | 15:15 | 1.584 |
| 23.08.2020 | 15:15 | 15:30 | 1.607 |
| 23.08.2020 | 15:30 | 15:45 | 1.635 |
| 23.08.2020 | 15:45 | 16:00 | 1.643 |
| 23.08.2020 | 16:00 | 16:15 | 1.638 |
| 23.08.2020 | 16:15 | 16:30 | 1.671 |
| 23.08.2020 | 16:30 | 16:45 | 1.711 |
| 23.08.2020 | 16:45 | 17:00 | 1.678 |
| 23.08.2020 | 17:00 | 17:15 | 1.690 |
| 23.08.2020 | 17:15 | 17:30 | 1.724 |
| 23.08.2020 | 17:30 | 17:45 | 1.721 |
| 23.08.2020 | 17:45 | 18:00 | 1.712 |
| 23.08.2020 | 18:00 | 18:15 | 1.704 |
| 23.08.2020 | 18:15 | 18:30 | 1.686 |
| 23.08.2020 | 18:30 | 18:45 | 1.646 |
| 23.08.2020 | 18:45 | 19:00 | 1.626 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.08.2020 | 19:00 | 19:15 | 1.625 |
| 23.08.2020 | 19:15 | 19:30 | 1.626 |
| 23.08.2020 | 19:30 | 19:45 | 1.621 |
| 23.08.2020 | 19:45 | 20:00 | 1.614 |
| 23.08.2020 | 20:00 | 20:15 | 1.601 |
| 23.08.2020 | 20:15 | 20:30 | 1.591 |
| 23.08.2020 | 20:30 | 20:45 | 1.588 |
| 23.08.2020 | 20:45 | 21:00 | 1.604 |
| 23.08.2020 | 21:00 | 21:15 | 1.696 |
| 23.08.2020 | 21:15 | 21:30 | 1.677 |
| 23.08.2020 | 21:30 | 21:45 | 1.609 |
| 23.08.2020 | 21:45 | 22:00 | 1.599 |
| 23.08.2020 | 22:00 | 22:15 | 1.544 |
| 23.08.2020 | 22:15 | 22:30 | 1.473 |
| 23.08.2020 | 22:30 | 22:45 | 1.416 |
| 23.08.2020 | 22:45 | 23:00 | 1.379 |
| 23.08.2020 | 23:00 | 23:15 | 1.348 |
| 23.08.2020 | 23:15 | 23:30 | 1.293 |
| 23.08.2020 | 23:30 | 23:45 | 1.246 |
| 23.08.2020 | 23:45 | 00:00 | 1.212 |
| 24.08.2020 | 00:00 | 00:15 | 1.174 |
| 24.08.2020 | 00:15 | 00:30 | 1.151 |
| 24.08.2020 | 00:30 | 00:45 | 1.117 |
| 24.08.2020 | 00:45 | 01:00 | 1.098 |
| 24.08.2020 | 01:00 | 01:15 | 1.084 |
| 24.08.2020 | 01:15 | 01:30 | 1.062 |
| 24.08.2020 | 01:30 | 01:45 | 1.048 |
| 24.08.2020 | 01:45 | 02:00 | 1.043 |
| 24.08.2020 | 02:00 | 02:15 | 1.036 |
| 24.08.2020 | 02:15 | 02:30 | 1.029 |
| 24.08.2020 | 02:30 | 02:45 | 1.024 |
| 24.08.2020 | 02:45 | 03:00 | 1.028 |
| 24.08.2020 | 03:00 | 03:15 | 1.022 |
| 24.08.2020 | 03:15 | 03:30 | 1.010 |
| 24.08.2020 | 03:30 | 03:45 | 1.012 |
| 24.08.2020 | 03:45 | 04:00 | 1.024 |
| 24.08.2020 | 04:00 | 04:15 | 1.016 |
| 24.08.2020 | 04:15 | 04:30 | 1.004 |
| 24.08.2020 | 04:30 | 04:45 | 1.015 |
| 24.08.2020 | 04:45 | 05:00 | 1.036 |
| 24.08.2020 | 05:00 | 05:15 | 1.086 |
| 24.08.2020 | 05:15 | 05:30 | 1.111 |
| 24.08.2020 | 05:30 | 05:45 | 1.181 |
| 24.08.2020 | 05:45 | 06:00 | 1.257 |
| 24.08.2020 | 06:00 | 06:15 | 1.375 |
| 24.08.2020 | 06:15 | 06:30 | 1.471 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.08.2020 | 06:30 | 06:45 | 1.554 |
| 24.08.2020 | 06:45 | 07:00 | 1.621 |
| 24.08.2020 | 07:00 | 07:15 | 1.694 |
| 24.08.2020 | 07:15 | 07:30 | 1.757 |
| 24.08.2020 | 07:30 | 07:45 | 1.820 |
| 24.08.2020 | 07:45 | 08:00 | 1.869 |
| 24.08.2020 | 08:00 | 08:15 | 1.962 |
| 24.08.2020 | 08:15 | 08:30 | 2.007 |
| 24.08.2020 | 08:30 | 08:45 | 2.040 |
| 24.08.2020 | 08:45 | 09:00 | 2.099 |
| 24.08.2020 | 09:00 | 09:15 | 2.131 |
| 24.08.2020 | 09:15 | 09:30 | 2.176 |
| 24.08.2020 | 09:30 | 09:45 | 2.201 |
| 24.08.2020 | 09:45 | 10:00 | 2.246 |
| 24.08.2020 | 10:00 | 10:15 | 2.250 |
| 24.08.2020 | 10:15 | 10:30 | 2.241 |
| 24.08.2020 | 10:30 | 10:45 | 2.285 |
| 24.08.2020 | 10:45 | 11:00 | 2.312 |
| 24.08.2020 | 11:00 | 11:15 | 2.247 |
| 24.08.2020 | 11:15 | 11:30 | 2.280 |
| 24.08.2020 | 11:30 | 11:45 | 2.290 |
| 24.08.2020 | 11:45 | 12:00 | 2.313 |
| 24.08.2020 | 12:00 | 12:15 | 2.441 |
| 24.08.2020 | 12:15 | 12:30 | 2.422 |
| 24.08.2020 | 12:30 | 12:45 | 2.382 |
| 24.08.2020 | 12:45 | 13:00 | 2.402 |
| 24.08.2020 | 13:00 | 13:15 | 2.388 |
| 24.08.2020 | 13:15 | 13:30 | 2.328 |
| 24.08.2020 | 13:30 | 13:45 | 2.288 |
| 24.08.2020 | 13:45 | 14:00 | 2.251 |
| 24.08.2020 | 14:00 | 14:15 | 2.252 |
| 24.08.2020 | 14:15 | 14:30 | 2.249 |
| 24.08.2020 | 14:30 | 14:45 | 2.246 |
| 24.08.2020 | 14:45 | 15:00 | 2.230 |
| 24.08.2020 | 15:00 | 15:15 | 2.183 |
| 24.08.2020 | 15:15 | 15:30 | 2.155 |
| 24.08.2020 | 15:30 | 15:45 | 2.206 |
| 24.08.2020 | 15:45 | 16:00 | 2.189 |
| 24.08.2020 | 16:00 | 16:15 | 2.199 |
| 24.08.2020 | 16:15 | 16:30 | 2.252 |
| 24.08.2020 | 16:30 | 16:45 | 2.220 |
| 24.08.2020 | 16:45 | 17:00 | 2.212 |
| 24.08.2020 | 17:00 | 17:15 | 2.186 |
| 24.08.2020 | 17:15 | 17:30 | 2.175 |
| 24.08.2020 | 17:30 | 17:45 | 2.108 |
| 24.08.2020 | 17:45 | 18:00 | 2.110 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.08.2020 | 18:00 | 18:15 | 2.089 |
| 24.08.2020 | 18:15 | 18:30 | 2.106 |
| 24.08.2020 | 18:30 | 18:45 | 2.111 |
| 24.08.2020 | 18:45 | 19:00 | 2.120 |
| 24.08.2020 | 19:00 | 19:15 | 2.061 |
| 24.08.2020 | 19:15 | 19:30 | 2.055 |
| 24.08.2020 | 19:30 | 19:45 | 2.074 |
| 24.08.2020 | 19:45 | 20:00 | 2.063 |
| 24.08.2020 | 20:00 | 20:15 | 1.992 |
| 24.08.2020 | 20:15 | 20:30 | 2.004 |
| 24.08.2020 | 20:30 | 20:45 | 1.990 |
| 24.08.2020 | 20:45 | 21:00 | 1.973 |
| 24.08.2020 | 21:00 | 21:15 | 1.990 |
| 24.08.2020 | 21:15 | 21:30 | 1.915 |
| 24.08.2020 | 21:30 | 21:45 | 1.822 |
| 24.08.2020 | 21:45 | 22:00 | 1.721 |
| 24.08.2020 | 22:00 | 22:15 | 1.635 |
| 24.08.2020 | 22:15 | 22:30 | 1.602 |
| 24.08.2020 | 22:30 | 22:45 | 1.533 |
| 24.08.2020 | 22:45 | 23:00 | 1.466 |
| 24.08.2020 | 23:00 | 23:15 | 1.433 |
| 24.08.2020 | 23:15 | 23:30 | 1.397 |
| 24.08.2020 | 23:30 | 23:45 | 1.343 |
| 24.08.2020 | 23:45 | 00:00 | 1.310 |
| 25.08.2020 | 00:00 | 00:15 | 1.266 |
| 25.08.2020 | 00:15 | 00:30 | 1.229 |
| 25.08.2020 | 00:30 | 00:45 | 1.203 |
| 25.08.2020 | 00:45 | 01:00 | 1.181 |
| 25.08.2020 | 01:00 | 01:15 | 1.154 |
| 25.08.2020 | 01:15 | 01:30 | 1.151 |
| 25.08.2020 | 01:30 | 01:45 | 1.124 |
| 25.08.2020 | 01:45 | 02:00 | 1.116 |
| 25.08.2020 | 02:00 | 02:15 | 1.110 |
| 25.08.2020 | 02:15 | 02:30 | 1.096 |
| 25.08.2020 | 02:30 | 02:45 | 1.093 |
| 25.08.2020 | 02:45 | 03:00 | 1.089 |
| 25.08.2020 | 03:00 | 03:15 | 1.079 |
| 25.08.2020 | 03:15 | 03:30 | 1.069 |
| 25.08.2020 | 03:30 | 03:45 | 1.067 |
| 25.08.2020 | 03:45 | 04:00 | 1.065 |
| 25.08.2020 | 04:00 | 04:15 | 1.079 |
| 25.08.2020 | 04:15 | 04:30 | 1.095 |
| 25.08.2020 | 04:30 | 04:45 | 1.121 |
| 25.08.2020 | 04:45 | 05:00 | 1.143 |
| 25.08.2020 | 05:00 | 05:15 | 1.189 |
| 25.08.2020 | 05:15 | 05:30 | 1.235 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.08.2020 | 05:30 | 05:45 | 1.299 |
| 25.08.2020 | 05:45 | 06:00 | 1.350 |
| 25.08.2020 | 06:00 | 06:15 | 1.431 |
| 25.08.2020 | 06:15 | 06:30 | 1.531 |
| 25.08.2020 | 06:30 | 06:45 | 1.590 |
| 25.08.2020 | 06:45 | 07:00 | 1.657 |
| 25.08.2020 | 07:00 | 07:15 | 1.737 |
| 25.08.2020 | 07:15 | 07:30 | 1.790 |
| 25.08.2020 | 07:30 | 07:45 | 1.830 |
| 25.08.2020 | 07:45 | 08:00 | 1.847 |
| 25.08.2020 | 08:00 | 08:15 | 1.925 |
| 25.08.2020 | 08:15 | 08:30 | 1.938 |
| 25.08.2020 | 08:30 | 08:45 | 1.942 |
| 25.08.2020 | 08:45 | 09:00 | 1.995 |
| 25.08.2020 | 09:00 | 09:15 | 2.045 |
| 25.08.2020 | 09:15 | 09:30 | 2.082 |
| 25.08.2020 | 09:30 | 09:45 | 2.169 |
| 25.08.2020 | 09:45 | 10:00 | 2.144 |
| 25.08.2020 | 10:00 | 10:15 | 2.181 |
| 25.08.2020 | 10:15 | 10:30 | 2.245 |
| 25.08.2020 | 10:30 | 10:45 | 2.271 |
| 25.08.2020 | 10:45 | 11:00 | 2.318 |
| 25.08.2020 | 11:00 | 11:15 | 2.330 |
| 25.08.2020 | 11:15 | 11:30 | 2.365 |
| 25.08.2020 | 11:30 | 11:45 | 2.448 |
| 25.08.2020 | 11:45 | 12:00 | 2.480 |
| 25.08.2020 | 12:00 | 12:15 | 2.462 |
| 25.08.2020 | 12:15 | 12:30 | 2.468 |
| 25.08.2020 | 12:30 | 12:45 | 2.485 |
| 25.08.2020 | 12:45 | 13:00 | 2.446 |
| 25.08.2020 | 13:00 | 13:15 | 2.436 |
| 25.08.2020 | 13:15 | 13:30 | 2.441 |
| 25.08.2020 | 13:30 | 13:45 | 2.451 |
| 25.08.2020 | 13:45 | 14:00 | 2.423 |
| 25.08.2020 | 14:00 | 14:15 | 2.392 |
| 25.08.2020 | 14:15 | 14:30 | 2.396 |
| 25.08.2020 | 14:30 | 14:45 | 2.357 |
| 25.08.2020 | 14:45 | 15:00 | 2.353 |
| 25.08.2020 | 15:00 | 15:15 | 2.411 |
| 25.08.2020 | 15:15 | 15:30 | 2.378 |
| 25.08.2020 | 15:30 | 15:45 | 2.320 |
| 25.08.2020 | 15:45 | 16:00 | 2.305 |
| 25.08.2020 | 16:00 | 16:15 | 2.292 |
| 25.08.2020 | 16:15 | 16:30 | 2.302 |
| 25.08.2020 | 16:30 | 16:45 | 2.319 |
| 25.08.2020 | 16:45 | 17:00 | 2.336 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.08.2020 | 17:00 | 17:15 | 2.340 |
| 25.08.2020 | 17:15 | 17:30 | 2.339 |
| 25.08.2020 | 17:30 | 17:45 | 2.370 |
| 25.08.2020 | 17:45 | 18:00 | 2.382 |
| 25.08.2020 | 18:00 | 18:15 | 2.396 |
| 25.08.2020 | 18:15 | 18:30 | 2.377 |
| 25.08.2020 | 18:30 | 18:45 | 2.367 |
| 25.08.2020 | 18:45 | 19:00 | 2.393 |
| 25.08.2020 | 19:00 | 19:15 | 2.323 |
| 25.08.2020 | 19:15 | 19:30 | 2.298 |
| 25.08.2020 | 19:30 | 19:45 | 2.256 |
| 25.08.2020 | 19:45 | 20:00 | 2.205 |
| 25.08.2020 | 20:00 | 20:15 | 2.111 |
| 25.08.2020 | 20:15 | 20:30 | 2.070 |
| 25.08.2020 | 20:30 | 20:45 | 2.080 |
| 25.08.2020 | 20:45 | 21:00 | 2.097 |
| 25.08.2020 | 21:00 | 21:15 | 2.099 |
| 25.08.2020 | 21:15 | 21:30 | 1.998 |
| 25.08.2020 | 21:30 | 21:45 | 1.899 |
| 25.08.2020 | 21:45 | 22:00 | 1.794 |
| 25.08.2020 | 22:00 | 22:15 | 1.702 |
| 25.08.2020 | 22:15 | 22:30 | 1.654 |
| 25.08.2020 | 22:30 | 22:45 | 1.585 |
| 25.08.2020 | 22:45 | 23:00 | 1.526 |
| 25.08.2020 | 23:00 | 23:15 | 1.470 |
| 25.08.2020 | 23:15 | 23:30 | 1.418 |
| 25.08.2020 | 23:30 | 23:45 | 1.370 |
| 25.08.2020 | 23:45 | 00:00 | 1.331 |
| 26.08.2020 | 00:00 | 00:15 | 1.291 |
| 26.08.2020 | 00:15 | 00:30 | 1.262 |
| 26.08.2020 | 00:30 | 00:45 | 1.240 |
| 26.08.2020 | 00:45 | 01:00 | 1.207 |
| 26.08.2020 | 01:00 | 01:15 | 1.190 |
| 26.08.2020 | 01:15 | 01:30 | 1.166 |
| 26.08.2020 | 01:30 | 01:45 | 1.150 |
| 26.08.2020 | 01:45 | 02:00 | 1.138 |
| 26.08.2020 | 02:00 | 02:15 | 1.130 |
| 26.08.2020 | 02:15 | 02:30 | 1.112 |
| 26.08.2020 | 02:30 | 02:45 | 1.098 |
| 26.08.2020 | 02:45 | 03:00 | 1.095 |
| 26.08.2020 | 03:00 | 03:15 | 1.092 |
| 26.08.2020 | 03:15 | 03:30 | 1.088 |
| 26.08.2020 | 03:30 | 03:45 | 1.091 |
| 26.08.2020 | 03:45 | 04:00 | 1.099 |
| 26.08.2020 | 04:00 | 04:15 | 1.111 |
| 26.08.2020 | 04:15 | 04:30 | 1.129 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.08.2020 | 04:30 | 04:45 | 1.157 |
| 26.08.2020 | 04:45 | 05:00 | 1.181 |
| 26.08.2020 | 05:00 | 05:15 | 1.192 |
| 26.08.2020 | 05:15 | 05:30 | 1.221 |
| 26.08.2020 | 05:30 | 05:45 | 1.280 |
| 26.08.2020 | 05:45 | 06:00 | 1.374 |
| 26.08.2020 | 06:00 | 06:15 | 1.510 |
| 26.08.2020 | 06:15 | 06:30 | 1.599 |
| 26.08.2020 | 06:30 | 06:45 | 1.660 |
| 26.08.2020 | 06:45 | 07:00 | 1.743 |
| 26.08.2020 | 07:00 | 07:15 | 1.827 |
| 26.08.2020 | 07:15 | 07:30 | 1.876 |
| 26.08.2020 | 07:30 | 07:45 | 1.923 |
| 26.08.2020 | 07:45 | 08:00 | 1.946 |
| 26.08.2020 | 08:00 | 08:15 | 2.046 |
| 26.08.2020 | 08:15 | 08:30 | 2.091 |
| 26.08.2020 | 08:30 | 08:45 | 2.107 |
| 26.08.2020 | 08:45 | 09:00 | 2.157 |
| 26.08.2020 | 09:00 | 09:15 | 2.160 |
| 26.08.2020 | 09:15 | 09:30 | 2.237 |
| 26.08.2020 | 09:30 | 09:45 | 2.261 |
| 26.08.2020 | 09:45 | 10:00 | 2.261 |
| 26.08.2020 | 10:00 | 10:15 | 2.299 |
| 26.08.2020 | 10:15 | 10:30 | 2.308 |
| 26.08.2020 | 10:30 | 10:45 | 2.370 |
| 26.08.2020 | 10:45 | 11:00 | 2.398 |
| 26.08.2020 | 11:00 | 11:15 | 2.449 |
| 26.08.2020 | 11:15 | 11:30 | 2.492 |
| 26.08.2020 | 11:30 | 11:45 | 2.515 |
| 26.08.2020 | 11:45 | 12:00 | 2.571 |
| 26.08.2020 | 12:00 | 12:15 | 2.597 |
| 26.08.2020 | 12:15 | 12:30 | 2.589 |
| 26.08.2020 | 12:30 | 12:45 | 2.527 |
| 26.08.2020 | 12:45 | 13:00 | 2.548 |
| 26.08.2020 | 13:00 | 13:15 | 2.552 |
| 26.08.2020 | 13:15 | 13:30 | 2.513 |
| 26.08.2020 | 13:30 | 13:45 | 2.453 |
| 26.08.2020 | 13:45 | 14:00 | 2.427 |
| 26.08.2020 | 14:00 | 14:15 | 2.386 |
| 26.08.2020 | 14:15 | 14:30 | 2.370 |
| 26.08.2020 | 14:30 | 14:45 | 2.394 |
| 26.08.2020 | 14:45 | 15:00 | 2.392 |
| 26.08.2020 | 15:00 | 15:15 | 2.412 |
| 26.08.2020 | 15:15 | 15:30 | 2.358 |
| 26.08.2020 | 15:30 | 15:45 | 2.320 |
| 26.08.2020 | 15:45 | 16:00 | 2.272 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.08.2020 | 16:00 | 16:15 | 2.316 |
| 26.08.2020 | 16:15 | 16:30 | 2.356 |
| 26.08.2020 | 16:30 | 16:45 | 2.359 |
| 26.08.2020 | 16:45 | 17:00 | 2.338 |
| 26.08.2020 | 17:00 | 17:15 | 2.328 |
| 26.08.2020 | 17:15 | 17:30 | 2.339 |
| 26.08.2020 | 17:30 | 17:45 | 2.330 |
| 26.08.2020 | 17:45 | 18:00 | 2.312 |
| 26.08.2020 | 18:00 | 18:15 | 2.318 |
| 26.08.2020 | 18:15 | 18:30 | 2.303 |
| 26.08.2020 | 18:30 | 18:45 | 2.280 |
| 26.08.2020 | 18:45 | 19:00 | 2.282 |
| 26.08.2020 | 19:00 | 19:15 | 2.241 |
| 26.08.2020 | 19:15 | 19:30 | 2.244 |
| 26.08.2020 | 19:30 | 19:45 | 2.193 |
| 26.08.2020 | 19:45 | 20:00 | 2.166 |
| 26.08.2020 | 20:00 | 20:15 | 2.075 |
| 26.08.2020 | 20:15 | 20:30 | 2.035 |
| 26.08.2020 | 20:30 | 20:45 | 2.014 |
| 26.08.2020 | 20:45 | 21:00 | 2.035 |
| 26.08.2020 | 21:00 | 21:15 | 1.998 |
| 26.08.2020 | 21:15 | 21:30 | 1.923 |
| 26.08.2020 | 21:30 | 21:45 | 1.819 |
| 26.08.2020 | 21:45 | 22:00 | 1.713 |
| 26.08.2020 | 22:00 | 22:15 | 1.629 |
| 26.08.2020 | 22:15 | 22:30 | 1.554 |
| 26.08.2020 | 22:30 | 22:45 | 1.470 |
| 26.08.2020 | 22:45 | 23:00 | 1.354 |
| 26.08.2020 | 23:00 | 23:15 | 1.299 |
| 26.08.2020 | 23:15 | 23:30 | 1.244 |
| 26.08.2020 | 23:30 | 23:45 | 1.204 |
| 26.08.2020 | 23:45 | 00:00 | 1.166 |
| 27.08.2020 | 00:00 | 00:15 | 1.132 |
| 27.08.2020 | 00:15 | 00:30 | 1.096 |
| 27.08.2020 | 00:30 | 00:45 | 1.091 |
| 27.08.2020 | 00:45 | 01:00 | 1.091 |
| 27.08.2020 | 01:00 | 01:15 | 1.067 |
| 27.08.2020 | 01:15 | 01:30 | 1.054 |
| 27.08.2020 | 01:30 | 01:45 | 1.036 |
| 27.08.2020 | 01:45 | 02:00 | 1.042 |
| 27.08.2020 | 02:00 | 02:15 | 1.043 |
| 27.08.2020 | 02:15 | 02:30 | 1.032 |
| 27.08.2020 | 02:30 | 02:45 | 1.029 |
| 27.08.2020 | 02:45 | 03:00 | 1.040 |
| 27.08.2020 | 03:00 | 03:15 | 1.024 |
| 27.08.2020 | 03:15 | 03:30 | 1.026 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.08.2020 | 03:30 | 03:45 | 1.042 |
| 27.08.2020 | 03:45 | 04:00 | 1.060 |
| 27.08.2020 | 04:00 | 04:15 | 1.074 |
| 27.08.2020 | 04:15 | 04:30 | 1.084 |
| 27.08.2020 | 04:30 | 04:45 | 1.120 |
| 27.08.2020 | 04:45 | 05:00 | 1.140 |
| 27.08.2020 | 05:00 | 05:15 | 1.187 |
| 27.08.2020 | 05:15 | 05:30 | 1.224 |
| 27.08.2020 | 05:30 | 05:45 | 1.294 |
| 27.08.2020 | 05:45 | 06:00 | 1.381 |
| 27.08.2020 | 06:00 | 06:15 | 1.507 |
| 27.08.2020 | 06:15 | 06:30 | 1.585 |
| 27.08.2020 | 06:30 | 06:45 | 1.672 |
| 27.08.2020 | 06:45 | 07:00 | 1.760 |
| 27.08.2020 | 07:00 | 07:15 | 1.820 |
| 27.08.2020 | 07:15 | 07:30 | 1.841 |
| 27.08.2020 | 07:30 | 07:45 | 1.895 |
| 27.08.2020 | 07:45 | 08:00 | 1.940 |
| 27.08.2020 | 08:00 | 08:15 | 2.024 |
| 27.08.2020 | 08:15 | 08:30 | 2.066 |
| 27.08.2020 | 08:30 | 08:45 | 2.092 |
| 27.08.2020 | 08:45 | 09:00 | 2.135 |
| 27.08.2020 | 09:00 | 09:15 | 2.183 |
| 27.08.2020 | 09:15 | 09:30 | 2.201 |
| 27.08.2020 | 09:30 | 09:45 | 2.215 |
| 27.08.2020 | 09:45 | 10:00 | 2.262 |
| 27.08.2020 | 10:00 | 10:15 | 2.296 |
| 27.08.2020 | 10:15 | 10:30 | 2.311 |
| 27.08.2020 | 10:30 | 10:45 | 2.394 |
| 27.08.2020 | 10:45 | 11:00 | 2.444 |
| 27.08.2020 | 11:00 | 11:15 | 2.503 |
| 27.08.2020 | 11:15 | 11:30 | 2.535 |
| 27.08.2020 | 11:30 | 11:45 | 2.521 |
| 27.08.2020 | 11:45 | 12:00 | 2.595 |
| 27.08.2020 | 12:00 | 12:15 | 2.585 |
| 27.08.2020 | 12:15 | 12:30 | 2.527 |
| 27.08.2020 | 12:30 | 12:45 | 2.505 |
| 27.08.2020 | 12:45 | 13:00 | 2.494 |
| 27.08.2020 | 13:00 | 13:15 | 2.507 |
| 27.08.2020 | 13:15 | 13:30 | 2.487 |
| 27.08.2020 | 13:30 | 13:45 | 2.465 |
| 27.08.2020 | 13:45 | 14:00 | 2.508 |
| 27.08.2020 | 14:00 | 14:15 | 2.407 |
| 27.08.2020 | 14:15 | 14:30 | 2.375 |
| 27.08.2020 | 14:30 | 14:45 | 2.351 |
| 27.08.2020 | 14:45 | 15:00 | 2.330 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.08.2020 | 15:00 | 15:15 | 2.380 |
| 27.08.2020 | 15:15 | 15:30 | 2.303 |
| 27.08.2020 | 15:30 | 15:45 | 2.286 |
| 27.08.2020 | 15:45 | 16:00 | 2.271 |
| 27.08.2020 | 16:00 | 16:15 | 2.303 |
| 27.08.2020 | 16:15 | 16:30 | 2.291 |
| 27.08.2020 | 16:30 | 16:45 | 2.252 |
| 27.08.2020 | 16:45 | 17:00 | 2.285 |
| 27.08.2020 | 17:00 | 17:15 | 2.275 |
| 27.08.2020 | 17:15 | 17:30 | 2.313 |
| 27.08.2020 | 17:30 | 17:45 | 2.296 |
| 27.08.2020 | 17:45 | 18:00 | 2.317 |
| 27.08.2020 | 18:00 | 18:15 | 2.308 |
| 27.08.2020 | 18:15 | 18:30 | 2.270 |
| 27.08.2020 | 18:30 | 18:45 | 2.258 |
| 27.08.2020 | 18:45 | 19:00 | 2.282 |
| 27.08.2020 | 19:00 | 19:15 | 2.268 |
| 27.08.2020 | 19:15 | 19:30 | 2.218 |
| 27.08.2020 | 19:30 | 19:45 | 2.170 |
| 27.08.2020 | 19:45 | 20:00 | 2.157 |
| 27.08.2020 | 20:00 | 20:15 | 2.155 |
| 27.08.2020 | 20:15 | 20:30 | 2.120 |
| 27.08.2020 | 20:30 | 20:45 | 2.137 |
| 27.08.2020 | 20:45 | 21:00 | 2.151 |
| 27.08.2020 | 21:00 | 21:15 | 2.017 |
| 27.08.2020 | 21:15 | 21:30 | 1.929 |
| 27.08.2020 | 21:30 | 21:45 | 1.840 |
| 27.08.2020 | 21:45 | 22:00 | 1.734 |
| 27.08.2020 | 22:00 | 22:15 | 1.640 |
| 27.08.2020 | 22:15 | 22:30 | 1.576 |
| 27.08.2020 | 22:30 | 22:45 | 1.546 |
| 27.08.2020 | 22:45 | 23:00 | 1.484 |
| 27.08.2020 | 23:00 | 23:15 | 1.413 |
| 27.08.2020 | 23:15 | 23:30 | 1.349 |
| 27.08.2020 | 23:30 | 23:45 | 1.314 |
| 27.08.2020 | 23:45 | 00:00 | 1.276 |
| 28.08.2020 | 00:00 | 00:15 | 1.248 |
| 28.08.2020 | 00:15 | 00:30 | 1.215 |
| 28.08.2020 | 00:30 | 00:45 | 1.189 |
| 28.08.2020 | 00:45 | 01:00 | 1.162 |
| 28.08.2020 | 01:00 | 01:15 | 1.135 |
| 28.08.2020 | 01:15 | 01:30 | 1.113 |
| 28.08.2020 | 01:30 | 01:45 | 1.099 |
| 28.08.2020 | 01:45 | 02:00 | 1.087 |
| 28.08.2020 | 02:00 | 02:15 | 1.075 |
| 28.08.2020 | 02:15 | 02:30 | 1.050 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.08.2020 | 02:30 | 02:45 | 1.046 |
| 28.08.2020 | 02:45 | 03:00 | 1.040 |
| 28.08.2020 | 03:00 | 03:15 | 1.036 |
| 28.08.2020 | 03:15 | 03:30 | 1.025 |
| 28.08.2020 | 03:30 | 03:45 | 1.030 |
| 28.08.2020 | 03:45 | 04:00 | 1.029 |
| 28.08.2020 | 04:00 | 04:15 | 1.050 |
| 28.08.2020 | 04:15 | 04:30 | 1.073 |
| 28.08.2020 | 04:30 | 04:45 | 1.095 |
| 28.08.2020 | 04:45 | 05:00 | 1.162 |
| 28.08.2020 | 05:00 | 05:15 | 1.210 |
| 28.08.2020 | 05:15 | 05:30 | 1.253 |
| 28.08.2020 | 05:30 | 05:45 | 1.321 |
| 28.08.2020 | 05:45 | 06:00 | 1.397 |
| 28.08.2020 | 06:00 | 06:15 | 1.523 |
| 28.08.2020 | 06:15 | 06:30 | 1.598 |
| 28.08.2020 | 06:30 | 06:45 | 1.673 |
| 28.08.2020 | 06:45 | 07:00 | 1.747 |
| 28.08.2020 | 07:00 | 07:15 | 1.812 |
| 28.08.2020 | 07:15 | 07:30 | 1.872 |
| 28.08.2020 | 07:30 | 07:45 | 1.947 |
| 28.08.2020 | 07:45 | 08:00 | 2.023 |
| 28.08.2020 | 08:00 | 08:15 | 2.073 |
| 28.08.2020 | 08:15 | 08:30 | 2.106 |
| 28.08.2020 | 08:30 | 08:45 | 2.119 |
| 28.08.2020 | 08:45 | 09:00 | 2.152 |
| 28.08.2020 | 09:00 | 09:15 | 2.214 |
| 28.08.2020 | 09:15 | 09:30 | 2.240 |
| 28.08.2020 | 09:30 | 09:45 | 2.262 |
| 28.08.2020 | 09:45 | 10:00 | 2.239 |
| 28.08.2020 | 10:00 | 10:15 | 2.252 |
| 28.08.2020 | 10:15 | 10:30 | 2.242 |
| 28.08.2020 | 10:30 | 10:45 | 2.317 |
| 28.08.2020 | 10:45 | 11:00 | 2.347 |
| 28.08.2020 | 11:00 | 11:15 | 2.342 |
| 28.08.2020 | 11:15 | 11:30 | 2.372 |
| 28.08.2020 | 11:30 | 11:45 | 2.388 |
| 28.08.2020 | 11:45 | 12:00 | 2.461 |
| 28.08.2020 | 12:00 | 12:15 | 2.477 |
| 28.08.2020 | 12:15 | 12:30 | 2.478 |
| 28.08.2020 | 12:30 | 12:45 | 2.461 |
| 28.08.2020 | 12:45 | 13:00 | 2.456 |
| 28.08.2020 | 13:00 | 13:15 | 2.475 |
| 28.08.2020 | 13:15 | 13:30 | 2.459 |
| 28.08.2020 | 13:30 | 13:45 | 2.413 |
| 28.08.2020 | 13:45 | 14:00 | 2.358 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.08.2020 | 14:00 | 14:15 | 2.308 |
| 28.08.2020 | 14:15 | 14:30 | 2.300 |
| 28.08.2020 | 14:30 | 14:45 | 2.278 |
| 28.08.2020 | 14:45 | 15:00 | 2.240 |
| 28.08.2020 | 15:00 | 15:15 | 2.251 |
| 28.08.2020 | 15:15 | 15:30 | 2.252 |
| 28.08.2020 | 15:30 | 15:45 | 2.238 |
| 28.08.2020 | 15:45 | 16:00 | 2.202 |
| 28.08.2020 | 16:00 | 16:15 | 2.196 |
| 28.08.2020 | 16:15 | 16:30 | 2.206 |
| 28.08.2020 | 16:30 | 16:45 | 2.196 |
| 28.08.2020 | 16:45 | 17:00 | 2.178 |
| 28.08.2020 | 17:00 | 17:15 | 2.137 |
| 28.08.2020 | 17:15 | 17:30 | 2.181 |
| 28.08.2020 | 17:30 | 17:45 | 2.166 |
| 28.08.2020 | 17:45 | 18:00 | 2.175 |
| 28.08.2020 | 18:00 | 18:15 | 2.169 |
| 28.08.2020 | 18:15 | 18:30 | 2.220 |
| 28.08.2020 | 18:30 | 18:45 | 2.220 |
| 28.08.2020 | 18:45 | 19:00 | 2.211 |
| 28.08.2020 | 19:00 | 19:15 | 2.201 |
| 28.08.2020 | 19:15 | 19:30 | 2.167 |
| 28.08.2020 | 19:30 | 19:45 | 2.150 |
| 28.08.2020 | 19:45 | 20:00 | 2.151 |
| 28.08.2020 | 20:00 | 20:15 | 2.049 |
| 28.08.2020 | 20:15 | 20:30 | 2.050 |
| 28.08.2020 | 20:30 | 20:45 | 2.142 |
| 28.08.2020 | 20:45 | 21:00 | 2.084 |
| 28.08.2020 | 21:00 | 21:15 | 2.005 |
| 28.08.2020 | 21:15 | 21:30 | 1.926 |
| 28.08.2020 | 21:30 | 21:45 | 1.839 |
| 28.08.2020 | 21:45 | 22:00 | 1.774 |
| 28.08.2020 | 22:00 | 22:15 | 1.675 |
| 28.08.2020 | 22:15 | 22:30 | 1.602 |
| 28.08.2020 | 22:30 | 22:45 | 1.547 |
| 28.08.2020 | 22:45 | 23:00 | 1.529 |
| 28.08.2020 | 23:00 | 23:15 | 1.487 |
| 28.08.2020 | 23:15 | 23:30 | 1.447 |
| 28.08.2020 | 23:30 | 23:45 | 1.413 |
| 28.08.2020 | 23:45 | 00:00 | 1.358 |
| 29.08.2020 | 00:00 | 00:15 | 1.285 |
| 29.08.2020 | 00:15 | 00:30 | 1.241 |
| 29.08.2020 | 00:30 | 00:45 | 1.203 |
| 29.08.2020 | 00:45 | 01:00 | 1.168 |
| 29.08.2020 | 01:00 | 01:15 | 1.136 |
| 29.08.2020 | 01:15 | 01:30 | 1.126 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.08.2020 | 01:30 | 01:45 | 1.128 |
| 29.08.2020 | 01:45 | 02:00 | 1.125 |
| 29.08.2020 | 02:00 | 02:15 | 1.116 |
| 29.08.2020 | 02:15 | 02:30 | 1.093 |
| 29.08.2020 | 02:30 | 02:45 | 1.103 |
| 29.08.2020 | 02:45 | 03:00 | 1.096 |
| 29.08.2020 | 03:00 | 03:15 | 1.081 |
| 29.08.2020 | 03:15 | 03:30 | 1.055 |
| 29.08.2020 | 03:30 | 03:45 | 1.041 |
| 29.08.2020 | 03:45 | 04:00 | 1.048 |
| 29.08.2020 | 04:00 | 04:15 | 1.047 |
| 29.08.2020 | 04:15 | 04:30 | 1.054 |
| 29.08.2020 | 04:30 | 04:45 | 1.060 |
| 29.08.2020 | 04:45 | 05:00 | 1.072 |
| 29.08.2020 | 05:00 | 05:15 | 1.094 |
| 29.08.2020 | 05:15 | 05:30 | 1.099 |
| 29.08.2020 | 05:30 | 05:45 | 1.112 |
| 29.08.2020 | 05:45 | 06:00 | 1.152 |
| 29.08.2020 | 06:00 | 06:15 | 1.190 |
| 29.08.2020 | 06:15 | 06:30 | 1.197 |
| 29.08.2020 | 06:30 | 06:45 | 1.147 |
| 29.08.2020 | 06:45 | 07:00 | 1.142 |
| 29.08.2020 | 07:00 | 07:15 | 1.166 |
| 29.08.2020 | 07:15 | 07:30 | 1.182 |
| 29.08.2020 | 07:30 | 07:45 | 1.205 |
| 29.08.2020 | 07:45 | 08:00 | 1.264 |
| 29.08.2020 | 08:00 | 08:15 | 1.347 |
| 29.08.2020 | 08:15 | 08:30 | 1.417 |
| 29.08.2020 | 08:30 | 08:45 | 1.484 |
| 29.08.2020 | 08:45 | 09:00 | 1.563 |
| 29.08.2020 | 09:00 | 09:15 | 1.650 |
| 29.08.2020 | 09:15 | 09:30 | 1.729 |
| 29.08.2020 | 09:30 | 09:45 | 1.793 |
| 29.08.2020 | 09:45 | 10:00 | 1.893 |
| 29.08.2020 | 10:00 | 10:15 | 1.938 |
| 29.08.2020 | 10:15 | 10:30 | 1.974 |
| 29.08.2020 | 10:30 | 10:45 | 2.001 |
| 29.08.2020 | 10:45 | 11:00 | 2.037 |
| 29.08.2020 | 11:00 | 11:15 | 2.030 |
| 29.08.2020 | 11:15 | 11:30 | 2.062 |
| 29.08.2020 | 11:30 | 11:45 | 2.085 |
| 29.08.2020 | 11:45 | 12:00 | 2.049 |
| 29.08.2020 | 12:00 | 12:15 | 1.994 |
| 29.08.2020 | 12:15 | 12:30 | 1.991 |
| 29.08.2020 | 12:30 | 12:45 | 1.946 |
| 29.08.2020 | 12:45 | 13:00 | 1.973 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.08.2020 | 13:00 | 13:15 | 1.969 |
| 29.08.2020 | 13:15 | 13:30 | 1.932 |
| 29.08.2020 | 13:30 | 13:45 | 1.970 |
| 29.08.2020 | 13:45 | 14:00 | 1.926 |
| 29.08.2020 | 14:00 | 14:15 | 1.899 |
| 29.08.2020 | 14:15 | 14:30 | 1.899 |
| 29.08.2020 | 14:30 | 14:45 | 1.864 |
| 29.08.2020 | 14:45 | 15:00 | 1.835 |
| 29.08.2020 | 15:00 | 15:15 | 1.777 |
| 29.08.2020 | 15:15 | 15:30 | 1.760 |
| 29.08.2020 | 15:30 | 15:45 | 1.802 |
| 29.08.2020 | 15:45 | 16:00 | 1.761 |
| 29.08.2020 | 16:00 | 16:15 | 1.750 |
| 29.08.2020 | 16:15 | 16:30 | 1.732 |
| 29.08.2020 | 16:30 | 16:45 | 1.737 |
| 29.08.2020 | 16:45 | 17:00 | 1.745 |
| 29.08.2020 | 17:00 | 17:15 | 1.749 |
| 29.08.2020 | 17:15 | 17:30 | 1.763 |
| 29.08.2020 | 17:30 | 17:45 | 1.781 |
| 29.08.2020 | 17:45 | 18:00 | 1.773 |
| 29.08.2020 | 18:00 | 18:15 | 1.764 |
| 29.08.2020 | 18:15 | 18:30 | 1.760 |
| 29.08.2020 | 18:30 | 18:45 | 1.776 |
| 29.08.2020 | 18:45 | 19:00 | 1.749 |
| 29.08.2020 | 19:00 | 19:15 | 1.722 |
| 29.08.2020 | 19:15 | 19:30 | 1.700 |
| 29.08.2020 | 19:30 | 19:45 | 1.715 |
| 29.08.2020 | 19:45 | 20:00 | 1.707 |
| 29.08.2020 | 20:00 | 20:15 | 1.745 |
| 29.08.2020 | 20:15 | 20:30 | 1.726 |
| 29.08.2020 | 20:30 | 20:45 | 1.710 |
| 29.08.2020 | 20:45 | 21:00 | 1.739 |
| 29.08.2020 | 21:00 | 21:15 | 1.697 |
| 29.08.2020 | 21:15 | 21:30 | 1.629 |
| 29.08.2020 | 21:30 | 21:45 | 1.571 |
| 29.08.2020 | 21:45 | 22:00 | 1.514 |
| 29.08.2020 | 22:00 | 22:15 | 1.466 |
| 29.08.2020 | 22:15 | 22:30 | 1.401 |
| 29.08.2020 | 22:30 | 22:45 | 1.340 |
| 29.08.2020 | 22:45 | 23:00 | 1.323 |
| 29.08.2020 | 23:00 | 23:15 | 1.305 |
| 29.08.2020 | 23:15 | 23:30 | 1.247 |
| 29.08.2020 | 23:30 | 23:45 | 1.219 |
| 29.08.2020 | 23:45 | 00:00 | 1.182 |
| 30.08.2020 | 00:00 | 00:15 | 1.133 |
| 30.08.2020 | 00:15 | 00:30 | 1.106 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.08.2020 | 00:30 | 00:45 | 1.078 |
| 30.08.2020 | 00:45 | 01:00 | 1.055 |
| 30.08.2020 | 01:00 | 01:15 | 1.023 |
| 30.08.2020 | 01:15 | 01:30 | 1.000 |
| 30.08.2020 | 01:30 | 01:45 | 984 |
| 30.08.2020 | 01:45 | 02:00 | 970 |
| 30.08.2020 | 02:00 | 02:15 | 962 |
| 30.08.2020 | 02:15 | 02:30 | 947 |
| 30.08.2020 | 02:30 | 02:45 | 935 |
| 30.08.2020 | 02:45 | 03:00 | 939 |
| 30.08.2020 | 03:00 | 03:15 | 932 |
| 30.08.2020 | 03:15 | 03:30 | 930 |
| 30.08.2020 | 03:30 | 03:45 | 930 |
| 30.08.2020 | 03:45 | 04:00 | 925 |
| 30.08.2020 | 04:00 | 04:15 | 920 |
| 30.08.2020 | 04:15 | 04:30 | 919 |
| 30.08.2020 | 04:30 | 04:45 | 922 |
| 30.08.2020 | 04:45 | 05:00 | 926 |
| 30.08.2020 | 05:00 | 05:15 | 959 |
| 30.08.2020 | 05:15 | 05:30 | 965 |
| 30.08.2020 | 05:30 | 05:45 | 979 |
| 30.08.2020 | 05:45 | 06:00 | 1.000 |
| 30.08.2020 | 06:00 | 06:15 | 1.017 |
| 30.08.2020 | 06:15 | 06:30 | 999 |
| 30.08.2020 | 06:30 | 06:45 | 978 |
| 30.08.2020 | 06:45 | 07:00 | 983 |
| 30.08.2020 | 07:00 | 07:15 | 1.011 |
| 30.08.2020 | 07:15 | 07:30 | 1.041 |
| 30.08.2020 | 07:30 | 07:45 | 1.072 |
| 30.08.2020 | 07:45 | 08:00 | 1.116 |
| 30.08.2020 | 08:00 | 08:15 | 1.170 |
| 30.08.2020 | 08:15 | 08:30 | 1.234 |
| 30.08.2020 | 08:30 | 08:45 | 1.288 |
| 30.08.2020 | 08:45 | 09:00 | 1.353 |
| 30.08.2020 | 09:00 | 09:15 | 1.408 |
| 30.08.2020 | 09:15 | 09:30 | 1.478 |
| 30.08.2020 | 09:30 | 09:45 | 1.519 |
| 30.08.2020 | 09:45 | 10:00 | 1.546 |
| 30.08.2020 | 10:00 | 10:15 | 1.588 |
| 30.08.2020 | 10:15 | 10:30 | 1.641 |
| 30.08.2020 | 10:30 | 10:45 | 1.670 |
| 30.08.2020 | 10:45 | 11:00 | 1.682 |
| 30.08.2020 | 11:00 | 11:15 | 1.725 |
| 30.08.2020 | 11:15 | 11:30 | 1.778 |
| 30.08.2020 | 11:30 | 11:45 | 1.827 |
| 30.08.2020 | 11:45 | 12:00 | 1.841 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.08.2020 | 12:00 | 12:15 | 1.855 |
| 30.08.2020 | 12:15 | 12:30 | 1.863 |
| 30.08.2020 | 12:30 | 12:45 | 1.855 |
| 30.08.2020 | 12:45 | 13:00 | 1.838 |
| 30.08.2020 | 13:00 | 13:15 | 1.797 |
| 30.08.2020 | 13:15 | 13:30 | 1.770 |
| 30.08.2020 | 13:30 | 13:45 | 1.750 |
| 30.08.2020 | 13:45 | 14:00 | 1.709 |
| 30.08.2020 | 14:00 | 14:15 | 1.717 |
| 30.08.2020 | 14:15 | 14:30 | 1.712 |
| 30.08.2020 | 14:30 | 14:45 | 1.708 |
| 30.08.2020 | 14:45 | 15:00 | 1.673 |
| 30.08.2020 | 15:00 | 15:15 | 1.646 |
| 30.08.2020 | 15:15 | 15:30 | 1.602 |
| 30.08.2020 | 15:30 | 15:45 | 1.547 |
| 30.08.2020 | 15:45 | 16:00 | 1.542 |
| 30.08.2020 | 16:00 | 16:15 | 1.592 |
| 30.08.2020 | 16:15 | 16:30 | 1.591 |
| 30.08.2020 | 16:30 | 16:45 | 1.553 |
| 30.08.2020 | 16:45 | 17:00 | 1.549 |
| 30.08.2020 | 17:00 | 17:15 | 1.566 |
| 30.08.2020 | 17:15 | 17:30 | 1.570 |
| 30.08.2020 | 17:30 | 17:45 | 1.612 |
| 30.08.2020 | 17:45 | 18:00 | 1.662 |
| 30.08.2020 | 18:00 | 18:15 | 1.700 |
| 30.08.2020 | 18:15 | 18:30 | 1.728 |
| 30.08.2020 | 18:30 | 18:45 | 1.756 |
| 30.08.2020 | 18:45 | 19:00 | 1.764 |
| 30.08.2020 | 19:00 | 19:15 | 1.785 |
| 30.08.2020 | 19:15 | 19:30 | 1.766 |
| 30.08.2020 | 19:30 | 19:45 | 1.720 |
| 30.08.2020 | 19:45 | 20:00 | 1.692 |
| 30.08.2020 | 20:00 | 20:15 | 1.658 |
| 30.08.2020 | 20:15 | 20:30 | 1.647 |
| 30.08.2020 | 20:30 | 20:45 | 1.652 |
| 30.08.2020 | 20:45 | 21:00 | 1.676 |
| 30.08.2020 | 21:00 | 21:15 | 1.634 |
| 30.08.2020 | 21:15 | 21:30 | 1.603 |
| 30.08.2020 | 21:30 | 21:45 | 1.553 |
| 30.08.2020 | 21:45 | 22:00 | 1.504 |
| 30.08.2020 | 22:00 | 22:15 | 1.452 |
| 30.08.2020 | 22:15 | 22:30 | 1.391 |
| 30.08.2020 | 22:30 | 22:45 | 1.332 |
| 30.08.2020 | 22:45 | 23:00 | 1.299 |
| 30.08.2020 | 23:00 | 23:15 | 1.244 |
| 30.08.2020 | 23:15 | 23:30 | 1.205 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.08.2020 | 23:30 | 23:45 | 1.157 |
| 30.08.2020 | 23:45 | 00:00 | 1.123 |
| 31.08.2020 | 00:00 | 00:15 | 1.092 |
| 31.08.2020 | 00:15 | 00:30 | 1.071 |
| 31.08.2020 | 00:30 | 00:45 | 1.057 |
| 31.08.2020 | 00:45 | 01:00 | 1.042 |
| 31.08.2020 | 01:00 | 01:15 | 1.015 |
| 31.08.2020 | 01:15 | 01:30 | 1.004 |
| 31.08.2020 | 01:30 | 01:45 | 992 |
| 31.08.2020 | 01:45 | 02:00 | 991 |
| 31.08.2020 | 02:00 | 02:15 | 986 |
| 31.08.2020 | 02:15 | 02:30 | 977 |
| 31.08.2020 | 02:30 | 02:45 | 970 |
| 31.08.2020 | 02:45 | 03:00 | 964 |
| 31.08.2020 | 03:00 | 03:15 | 965 |
| 31.08.2020 | 03:15 | 03:30 | 960 |
| 31.08.2020 | 03:30 | 03:45 | 973 |
| 31.08.2020 | 03:45 | 04:00 | 980 |
| 31.08.2020 | 04:00 | 04:15 | 1.000 |
| 31.08.2020 | 04:15 | 04:30 | 1.024 |
| 31.08.2020 | 04:30 | 04:45 | 1.059 |
| 31.08.2020 | 04:45 | 05:00 | 1.077 |
| 31.08.2020 | 05:00 | 05:15 | 1.125 |
| 31.08.2020 | 05:15 | 05:30 | 1.168 |
| 31.08.2020 | 05:30 | 05:45 | 1.225 |
| 31.08.2020 | 05:45 | 06:00 | 1.314 |
| 31.08.2020 | 06:00 | 06:15 | 1.470 |
| 31.08.2020 | 06:15 | 06:30 | 1.619 |
| 31.08.2020 | 06:30 | 06:45 | 1.686 |
| 31.08.2020 | 06:45 | 07:00 | 1.750 |
| 31.08.2020 | 07:00 | 07:15 | 1.851 |
| 31.08.2020 | 07:15 | 07:30 | 1.917 |
| 31.08.2020 | 07:30 | 07:45 | 1.945 |
| 31.08.2020 | 07:45 | 08:00 | 1.954 |
| 31.08.2020 | 08:00 | 08:15 | 2.030 |
| 31.08.2020 | 08:15 | 08:30 | 2.087 |
| 31.08.2020 | 08:30 | 08:45 | 2.159 |
| 31.08.2020 | 08:45 | 09:00 | 2.205 |
| 31.08.2020 | 09:00 | 09:15 | 2.209 |
| 31.08.2020 | 09:15 | 09:30 | 2.222 |
| 31.08.2020 | 09:30 | 09:45 | 2.271 |
| 31.08.2020 | 09:45 | 10:00 | 2.315 |
| 31.08.2020 | 10:00 | 10:15 | 2.340 |
| 31.08.2020 | 10:15 | 10:30 | 2.394 |
| 31.08.2020 | 10:30 | 10:45 | 2.376 |
| 31.08.2020 | 10:45 | 11:00 | 2.437 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.08.2020 | 11:00 | 11:15 | 2.457 |
| 31.08.2020 | 11:15 | 11:30 | 2.500 |
| 31.08.2020 | 11:30 | 11:45 | 2.482 |
| 31.08.2020 | 11:45 | 12:00 | 2.501 |
| 31.08.2020 | 12:00 | 12:15 | 2.520 |
| 31.08.2020 | 12:15 | 12:30 | 2.545 |
| 31.08.2020 | 12:30 | 12:45 | 2.505 |
| 31.08.2020 | 12:45 | 13:00 | 2.477 |
| 31.08.2020 | 13:00 | 13:15 | 2.471 |
| 31.08.2020 | 13:15 | 13:30 | 2.436 |
| 31.08.2020 | 13:30 | 13:45 | 2.406 |
| 31.08.2020 | 13:45 | 14:00 | 2.383 |
| 31.08.2020 | 14:00 | 14:15 | 2.373 |
| 31.08.2020 | 14:15 | 14:30 | 2.338 |
| 31.08.2020 | 14:30 | 14:45 | 2.278 |
| 31.08.2020 | 14:45 | 15:00 | 2.251 |
| 31.08.2020 | 15:00 | 15:15 | 2.195 |
| 31.08.2020 | 15:15 | 15:30 | 2.144 |
| 31.08.2020 | 15:30 | 15:45 | 2.127 |
| 31.08.2020 | 15:45 | 16:00 | 2.124 |
| 31.08.2020 | 16:00 | 16:15 | 2.154 |
| 31.08.2020 | 16:15 | 16:30 | 2.170 |
| 31.08.2020 | 16:30 | 16:45 | 2.171 |
| 31.08.2020 | 16:45 | 17:00 | 2.193 |
| 31.08.2020 | 17:00 | 17:15 | 2.211 |
| 31.08.2020 | 17:15 | 17:30 | 2.214 |
| 31.08.2020 | 17:30 | 17:45 | 2.244 |
| 31.08.2020 | 17:45 | 18:00 | 2.271 |
| 31.08.2020 | 18:00 | 18:15 | 2.264 |
| 31.08.2020 | 18:15 | 18:30 | 2.290 |
| 31.08.2020 | 18:30 | 18:45 | 2.277 |
| 31.08.2020 | 18:45 | 19:00 | 2.288 |
| 31.08.2020 | 19:00 | 19:15 | 2.262 |
| 31.08.2020 | 19:15 | 19:30 | 2.228 |
| 31.08.2020 | 19:30 | 19:45 | 2.234 |
| 31.08.2020 | 19:45 | 20:00 | 2.176 |
| 31.08.2020 | 20:00 | 20:15 | 2.085 |
| 31.08.2020 | 20:15 | 20:30 | 2.062 |
| 31.08.2020 | 20:30 | 20:45 | 2.052 |
| 31.08.2020 | 20:45 | 21:00 | 2.069 |
| 31.08.2020 | 21:00 | 21:15 | 2.001 |
| 31.08.2020 | 21:15 | 21:30 | 1.919 |
| 31.08.2020 | 21:30 | 21:45 | 1.835 |
| 31.08.2020 | 21:45 | 22:00 | 1.741 |
| 31.08.2020 | 22:00 | 22:15 | 1.635 |
| 31.08.2020 | 22:15 | 22:30 | 1.575 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.08.2020 | 22:30 | 22:45 | 1.525 |
| 31.08.2020 | 22:45 | 23:00 | 1.468 |
| 31.08.2020 | 23:00 | 23:15 | 1.418 |
| 31.08.2020 | 23:15 | 23:30 | 1.387 |
| 31.08.2020 | 23:30 | 23:45 | 1.341 |
| 31.08.2020 | 23:45 | 00:00 | 1.305 |
| 01.09.2020 | 00:00 | 00:15 | 1.259 |
| 01.09.2020 | 00:15 | 00:30 | 1.222 |
| 01.09.2020 | 00:30 | 00:45 | 1.201 |
| 01.09.2020 | 00:45 | 01:00 | 1.165 |
| 01.09.2020 | 01:00 | 01:15 | 1.129 |
| 01.09.2020 | 01:15 | 01:30 | 1.092 |
| 01.09.2020 | 01:30 | 01:45 | 1.074 |
| 01.09.2020 | 01:45 | 02:00 | 1.064 |
| 01.09.2020 | 02:00 | 02:15 | 1.077 |
| 01.09.2020 | 02:15 | 02:30 | 1.075 |
| 01.09.2020 | 02:30 | 02:45 | 1.071 |
| 01.09.2020 | 02:45 | 03:00 | 1.084 |
| 01.09.2020 | 03:00 | 03:15 | 1.080 |
| 01.09.2020 | 03:15 | 03:30 | 1.080 |
| 01.09.2020 | 03:30 | 03:45 | 1.077 |
| 01.09.2020 | 03:45 | 04:00 | 1.077 |
| 01.09.2020 | 04:00 | 04:15 | 1.084 |
| 01.09.2020 | 04:15 | 04:30 | 1.110 |
| 01.09.2020 | 04:30 | 04:45 | 1.132 |
| 01.09.2020 | 04:45 | 05:00 | 1.131 |
| 01.09.2020 | 05:00 | 05:15 | 1.095 |
| 01.09.2020 | 05:15 | 05:30 | 1.115 |
| 01.09.2020 | 05:30 | 05:45 | 1.179 |
| 01.09.2020 | 05:45 | 06:00 | 1.244 |
| 01.09.2020 | 06:00 | 06:15 | 1.359 |
| 01.09.2020 | 06:15 | 06:30 | 1.470 |
| 01.09.2020 | 06:30 | 06:45 | 1.515 |
| 01.09.2020 | 06:45 | 07:00 | 1.558 |
| 01.09.2020 | 07:00 | 07:15 | 1.636 |
| 01.09.2020 | 07:15 | 07:30 | 1.682 |
| 01.09.2020 | 07:30 | 07:45 | 1.742 |
| 01.09.2020 | 07:45 | 08:00 | 1.809 |
| 01.09.2020 | 08:00 | 08:15 | 1.871 |
| 01.09.2020 | 08:15 | 08:30 | 1.932 |
| 01.09.2020 | 08:30 | 08:45 | 1.957 |
| 01.09.2020 | 08:45 | 09:00 | 1.995 |
| 01.09.2020 | 09:00 | 09:15 | 2.031 |
| 01.09.2020 | 09:15 | 09:30 | 2.022 |
| 01.09.2020 | 09:30 | 09:45 | 2.031 |
| 01.09.2020 | 09:45 | 10:00 | 2.052 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.09.2020 | 10:00 | 10:15 | 2.162 |
| 01.09.2020 | 10:15 | 10:30 | 2.201 |
| 01.09.2020 | 10:30 | 10:45 | 2.226 |
| 01.09.2020 | 10:45 | 11:00 | 2.278 |
| 01.09.2020 | 11:00 | 11:15 | 2.302 |
| 01.09.2020 | 11:15 | 11:30 | 2.288 |
| 01.09.2020 | 11:30 | 11:45 | 2.368 |
| 01.09.2020 | 11:45 | 12:00 | 2.390 |
| 01.09.2020 | 12:00 | 12:15 | 2.440 |
| 01.09.2020 | 12:15 | 12:30 | 2.467 |
| 01.09.2020 | 12:30 | 12:45 | 2.457 |
| 01.09.2020 | 12:45 | 13:00 | 2.429 |
| 01.09.2020 | 13:00 | 13:15 | 2.454 |
| 01.09.2020 | 13:15 | 13:30 | 2.468 |
| 01.09.2020 | 13:30 | 13:45 | 2.461 |
| 01.09.2020 | 13:45 | 14:00 | 2.407 |
| 01.09.2020 | 14:00 | 14:15 | 2.384 |
| 01.09.2020 | 14:15 | 14:30 | 2.403 |
| 01.09.2020 | 14:30 | 14:45 | 2.362 |
| 01.09.2020 | 14:45 | 15:00 | 2.299 |
| 01.09.2020 | 15:00 | 15:15 | 2.255 |
| 01.09.2020 | 15:15 | 15:30 | 2.273 |
| 01.09.2020 | 15:30 | 15:45 | 2.260 |
| 01.09.2020 | 15:45 | 16:00 | 2.231 |
| 01.09.2020 | 16:00 | 16:15 | 2.273 |
| 01.09.2020 | 16:15 | 16:30 | 2.249 |
| 01.09.2020 | 16:30 | 16:45 | 2.289 |
| 01.09.2020 | 16:45 | 17:00 | 2.287 |
| 01.09.2020 | 17:00 | 17:15 | 2.279 |
| 01.09.2020 | 17:15 | 17:30 | 2.227 |
| 01.09.2020 | 17:30 | 17:45 | 2.219 |
| 01.09.2020 | 17:45 | 18:00 | 2.237 |
| 01.09.2020 | 18:00 | 18:15 | 2.241 |
| 01.09.2020 | 18:15 | 18:30 | 2.212 |
| 01.09.2020 | 18:30 | 18:45 | 2.207 |
| 01.09.2020 | 18:45 | 19:00 | 2.208 |
| 01.09.2020 | 19:00 | 19:15 | 2.212 |
| 01.09.2020 | 19:15 | 19:30 | 2.229 |
| 01.09.2020 | 19:30 | 19:45 | 2.186 |
| 01.09.2020 | 19:45 | 20:00 | 2.185 |
| 01.09.2020 | 20:00 | 20:15 | 2.152 |
| 01.09.2020 | 20:15 | 20:30 | 2.130 |
| 01.09.2020 | 20:30 | 20:45 | 2.122 |
| 01.09.2020 | 20:45 | 21:00 | 2.114 |
| 01.09.2020 | 21:00 | 21:15 | 2.054 |
| 01.09.2020 | 21:15 | 21:30 | 1.955 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.09.2020 | 21:30 | 21:45 | 1.873 |
| 01.09.2020 | 21:45 | 22:00 | 1.776 |
| 01.09.2020 | 22:00 | 22:15 | 1.671 |
| 01.09.2020 | 22:15 | 22:30 | 1.608 |
| 01.09.2020 | 22:30 | 22:45 | 1.550 |
| 01.09.2020 | 22:45 | 23:00 | 1.529 |
| 01.09.2020 | 23:00 | 23:15 | 1.457 |
| 01.09.2020 | 23:15 | 23:30 | 1.401 |
| 01.09.2020 | 23:30 | 23:45 | 1.347 |
| 01.09.2020 | 23:45 | 00:00 | 1.294 |
| 02.09.2020 | 00:00 | 00:15 | 1.243 |
| 02.09.2020 | 00:15 | 00:30 | 1.219 |
| 02.09.2020 | 00:30 | 00:45 | 1.190 |
| 02.09.2020 | 00:45 | 01:00 | 1.172 |
| 02.09.2020 | 01:00 | 01:15 | 1.148 |
| 02.09.2020 | 01:15 | 01:30 | 1.127 |
| 02.09.2020 | 01:30 | 01:45 | 1.112 |
| 02.09.2020 | 01:45 | 02:00 | 1.083 |
| 02.09.2020 | 02:00 | 02:15 | 1.068 |
| 02.09.2020 | 02:15 | 02:30 | 1.065 |
| 02.09.2020 | 02:30 | 02:45 | 1.083 |
| 02.09.2020 | 02:45 | 03:00 | 1.085 |
| 02.09.2020 | 03:00 | 03:15 | 1.082 |
| 02.09.2020 | 03:15 | 03:30 | 1.074 |
| 02.09.2020 | 03:30 | 03:45 | 1.090 |
| 02.09.2020 | 03:45 | 04:00 | 1.090 |
| 02.09.2020 | 04:00 | 04:15 | 1.108 |
| 02.09.2020 | 04:15 | 04:30 | 1.133 |
| 02.09.2020 | 04:30 | 04:45 | 1.173 |
| 02.09.2020 | 04:45 | 05:00 | 1.196 |
| 02.09.2020 | 05:00 | 05:15 | 1.248 |
| 02.09.2020 | 05:15 | 05:30 | 1.295 |
| 02.09.2020 | 05:30 | 05:45 | 1.341 |
| 02.09.2020 | 05:45 | 06:00 | 1.436 |
| 02.09.2020 | 06:00 | 06:15 | 1.570 |
| 02.09.2020 | 06:15 | 06:30 | 1.676 |
| 02.09.2020 | 06:30 | 06:45 | 1.713 |
| 02.09.2020 | 06:45 | 07:00 | 1.800 |
| 02.09.2020 | 07:00 | 07:15 | 1.875 |
| 02.09.2020 | 07:15 | 07:30 | 1.919 |
| 02.09.2020 | 07:30 | 07:45 | 1.959 |
| 02.09.2020 | 07:45 | 08:00 | 2.015 |
| 02.09.2020 | 08:00 | 08:15 | 2.080 |
| 02.09.2020 | 08:15 | 08:30 | 2.133 |
| 02.09.2020 | 08:30 | 08:45 | 2.198 |
| 02.09.2020 | 08:45 | 09:00 | 2.177 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.09.2020 | 09:00 | 09:15 | 2.185 |
| 02.09.2020 | 09:15 | 09:30 | 2.187 |
| 02.09.2020 | 09:30 | 09:45 | 2.150 |
| 02.09.2020 | 09:45 | 10:00 | 2.183 |
| 02.09.2020 | 10:00 | 10:15 | 2.223 |
| 02.09.2020 | 10:15 | 10:30 | 2.226 |
| 02.09.2020 | 10:30 | 10:45 | 2.229 |
| 02.09.2020 | 10:45 | 11:00 | 2.298 |
| 02.09.2020 | 11:00 | 11:15 | 2.326 |
| 02.09.2020 | 11:15 | 11:30 | 2.360 |
| 02.09.2020 | 11:30 | 11:45 | 2.364 |
| 02.09.2020 | 11:45 | 12:00 | 2.387 |
| 02.09.2020 | 12:00 | 12:15 | 2.365 |
| 02.09.2020 | 12:15 | 12:30 | 2.446 |
| 02.09.2020 | 12:30 | 12:45 | 2.435 |
| 02.09.2020 | 12:45 | 13:00 | 2.417 |
| 02.09.2020 | 13:00 | 13:15 | 2.401 |
| 02.09.2020 | 13:15 | 13:30 | 2.433 |
| 02.09.2020 | 13:30 | 13:45 | 2.397 |
| 02.09.2020 | 13:45 | 14:00 | 2.392 |
| 02.09.2020 | 14:00 | 14:15 | 2.383 |
| 02.09.2020 | 14:15 | 14:30 | 2.375 |
| 02.09.2020 | 14:30 | 14:45 | 2.319 |
| 02.09.2020 | 14:45 | 15:00 | 2.315 |
| 02.09.2020 | 15:00 | 15:15 | 2.269 |
| 02.09.2020 | 15:15 | 15:30 | 2.260 |
| 02.09.2020 | 15:30 | 15:45 | 2.271 |
| 02.09.2020 | 15:45 | 16:00 | 2.213 |
| 02.09.2020 | 16:00 | 16:15 | 2.224 |
| 02.09.2020 | 16:15 | 16:30 | 2.206 |
| 02.09.2020 | 16:30 | 16:45 | 2.191 |
| 02.09.2020 | 16:45 | 17:00 | 2.208 |
| 02.09.2020 | 17:00 | 17:15 | 2.224 |
| 02.09.2020 | 17:15 | 17:30 | 2.250 |
| 02.09.2020 | 17:30 | 17:45 | 2.299 |
| 02.09.2020 | 17:45 | 18:00 | 2.288 |
| 02.09.2020 | 18:00 | 18:15 | 2.303 |
| 02.09.2020 | 18:15 | 18:30 | 2.308 |
| 02.09.2020 | 18:30 | 18:45 | 2.290 |
| 02.09.2020 | 18:45 | 19:00 | 2.295 |
| 02.09.2020 | 19:00 | 19:15 | 2.272 |
| 02.09.2020 | 19:15 | 19:30 | 2.247 |
| 02.09.2020 | 19:30 | 19:45 | 2.251 |
| 02.09.2020 | 19:45 | 20:00 | 2.225 |
| 02.09.2020 | 20:00 | 20:15 | 2.179 |
| 02.09.2020 | 20:15 | 20:30 | 2.180 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.09.2020 | 20:30 | 20:45 | 2.211 |
| 02.09.2020 | 20:45 | 21:00 | 2.184 |
| 02.09.2020 | 21:00 | 21:15 | 2.101 |
| 02.09.2020 | 21:15 | 21:30 | 2.005 |
| 02.09.2020 | 21:30 | 21:45 | 1.896 |
| 02.09.2020 | 21:45 | 22:00 | 1.788 |
| 02.09.2020 | 22:00 | 22:15 | 1.693 |
| 02.09.2020 | 22:15 | 22:30 | 1.645 |
| 02.09.2020 | 22:30 | 22:45 | 1.580 |
| 02.09.2020 | 22:45 | 23:00 | 1.516 |
| 02.09.2020 | 23:00 | 23:15 | 1.449 |
| 02.09.2020 | 23:15 | 23:30 | 1.382 |
| 02.09.2020 | 23:30 | 23:45 | 1.320 |
| 02.09.2020 | 23:45 | 00:00 | 1.285 |
| 03.09.2020 | 00:00 | 00:15 | 1.252 |
| 03.09.2020 | 00:15 | 00:30 | 1.221 |
| 03.09.2020 | 00:30 | 00:45 | 1.191 |
| 03.09.2020 | 00:45 | 01:00 | 1.157 |
| 03.09.2020 | 01:00 | 01:15 | 1.093 |
| 03.09.2020 | 01:15 | 01:30 | 1.075 |
| 03.09.2020 | 01:30 | 01:45 | 1.053 |
| 03.09.2020 | 01:45 | 02:00 | 1.039 |
| 03.09.2020 | 02:00 | 02:15 | 1.028 |
| 03.09.2020 | 02:15 | 02:30 | 1.033 |
| 03.09.2020 | 02:30 | 02:45 | 1.040 |
| 03.09.2020 | 02:45 | 03:00 | 1.034 |
| 03.09.2020 | 03:00 | 03:15 | 1.034 |
| 03.09.2020 | 03:15 | 03:30 | 1.033 |
| 03.09.2020 | 03:30 | 03:45 | 1.050 |
| 03.09.2020 | 03:45 | 04:00 | 1.056 |
| 03.09.2020 | 04:00 | 04:15 | 1.065 |
| 03.09.2020 | 04:15 | 04:30 | 1.093 |
| 03.09.2020 | 04:30 | 04:45 | 1.132 |
| 03.09.2020 | 04:45 | 05:00 | 1.179 |
| 03.09.2020 | 05:00 | 05:15 | 1.217 |
| 03.09.2020 | 05:15 | 05:30 | 1.250 |
| 03.09.2020 | 05:30 | 05:45 | 1.315 |
| 03.09.2020 | 05:45 | 06:00 | 1.406 |
| 03.09.2020 | 06:00 | 06:15 | 1.534 |
| 03.09.2020 | 06:15 | 06:30 | 1.661 |
| 03.09.2020 | 06:30 | 06:45 | 1.706 |
| 03.09.2020 | 06:45 | 07:00 | 1.780 |
| 03.09.2020 | 07:00 | 07:15 | 1.879 |
| 03.09.2020 | 07:15 | 07:30 | 1.926 |
| 03.09.2020 | 07:30 | 07:45 | 1.930 |
| 03.09.2020 | 07:45 | 08:00 | 1.952 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.09.2020 | 08:00 | 08:15 | 2.041 |
| 03.09.2020 | 08:15 | 08:30 | 2.105 |
| 03.09.2020 | 08:30 | 08:45 | 2.163 |
| 03.09.2020 | 08:45 | 09:00 | 2.212 |
| 03.09.2020 | 09:00 | 09:15 | 2.223 |
| 03.09.2020 | 09:15 | 09:30 | 2.243 |
| 03.09.2020 | 09:30 | 09:45 | 2.262 |
| 03.09.2020 | 09:45 | 10:00 | 2.279 |
| 03.09.2020 | 10:00 | 10:15 | 2.310 |
| 03.09.2020 | 10:15 | 10:30 | 2.336 |
| 03.09.2020 | 10:30 | 10:45 | 2.372 |
| 03.09.2020 | 10:45 | 11:00 | 2.408 |
| 03.09.2020 | 11:00 | 11:15 | 2.459 |
| 03.09.2020 | 11:15 | 11:30 | 2.481 |
| 03.09.2020 | 11:30 | 11:45 | 2.484 |
| 03.09.2020 | 11:45 | 12:00 | 2.520 |
| 03.09.2020 | 12:00 | 12:15 | 2.589 |
| 03.09.2020 | 12:15 | 12:30 | 2.571 |
| 03.09.2020 | 12:30 | 12:45 | 2.557 |
| 03.09.2020 | 12:45 | 13:00 | 2.547 |
| 03.09.2020 | 13:00 | 13:15 | 2.551 |
| 03.09.2020 | 13:15 | 13:30 | 2.549 |
| 03.09.2020 | 13:30 | 13:45 | 2.477 |
| 03.09.2020 | 13:45 | 14:00 | 2.428 |
| 03.09.2020 | 14:00 | 14:15 | 2.396 |
| 03.09.2020 | 14:15 | 14:30 | 2.370 |
| 03.09.2020 | 14:30 | 14:45 | 2.314 |
| 03.09.2020 | 14:45 | 15:00 | 2.316 |
| 03.09.2020 | 15:00 | 15:15 | 2.306 |
| 03.09.2020 | 15:15 | 15:30 | 2.293 |
| 03.09.2020 | 15:30 | 15:45 | 2.255 |
| 03.09.2020 | 15:45 | 16:00 | 2.269 |
| 03.09.2020 | 16:00 | 16:15 | 2.261 |
| 03.09.2020 | 16:15 | 16:30 | 2.255 |
| 03.09.2020 | 16:30 | 16:45 | 2.273 |
| 03.09.2020 | 16:45 | 17:00 | 2.252 |
| 03.09.2020 | 17:00 | 17:15 | 2.204 |
| 03.09.2020 | 17:15 | 17:30 | 2.252 |
| 03.09.2020 | 17:30 | 17:45 | 2.325 |
| 03.09.2020 | 17:45 | 18:00 | 2.337 |
| 03.09.2020 | 18:00 | 18:15 | 2.324 |
| 03.09.2020 | 18:15 | 18:30 | 2.379 |
| 03.09.2020 | 18:30 | 18:45 | 2.339 |
| 03.09.2020 | 18:45 | 19:00 | 2.364 |
| 03.09.2020 | 19:00 | 19:15 | 2.376 |
| 03.09.2020 | 19:15 | 19:30 | 2.361 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 03.09.2020 | 19:30 | 19:45 | 2.337 |
| 03.09.2020 | 19:45 | 20:00 | 2.110 |
| 03.09.2020 | 20:00 | 20:15 | 1.888 |
| 03.09.2020 | 20:15 | 20:30 | 1.874 |
| 03.09.2020 | 20:30 | 20:45 | 1.841 |
| 03.09.2020 | 20:45 | 21:00 | 1.849 |
| 03.09.2020 | 21:00 | 21:15 | 1.772 |
| 03.09.2020 | 21:15 | 21:30 | 1.756 |
| 03.09.2020 | 21:30 | 21:45 | 1.824 |
| 03.09.2020 | 21:45 | 22:00 | 1.765 |
| 03.09.2020 | 22:00 | 22:15 | 1.686 |
| 03.09.2020 | 22:15 | 22:30 | 1.632 |
| 03.09.2020 | 22:30 | 22:45 | 1.565 |
| 03.09.2020 | 22:45 | 23:00 | 1.518 |
| 03.09.2020 | 23:00 | 23:15 | 1.434 |
| 03.09.2020 | 23:15 | 23:30 | 1.386 |
| 03.09.2020 | 23:30 | 23:45 | 1.320 |
| 03.09.2020 | 23:45 | 00:00 | 1.282 |
| 04.09.2020 | 00:00 | 00:15 | 1.242 |
| 04.09.2020 | 00:15 | 00:30 | 1.221 |
| 04.09.2020 | 00:30 | 00:45 | 1.193 |
| 04.09.2020 | 00:45 | 01:00 | 1.175 |
| 04.09.2020 | 01:00 | 01:15 | 1.151 |
| 04.09.2020 | 01:15 | 01:30 | 1.117 |
| 04.09.2020 | 01:30 | 01:45 | 1.098 |
| 04.09.2020 | 01:45 | 02:00 | 1.094 |
| 04.09.2020 | 02:00 | 02:15 | 1.078 |
| 04.09.2020 | 02:15 | 02:30 | 1.078 |
| 04.09.2020 | 02:30 | 02:45 | 1.105 |
| 04.09.2020 | 02:45 | 03:00 | 1.104 |
| 04.09.2020 | 03:00 | 03:15 | 1.107 |
| 04.09.2020 | 03:15 | 03:30 | 1.097 |
| 04.09.2020 | 03:30 | 03:45 | 1.088 |
| 04.09.2020 | 03:45 | 04:00 | 1.083 |
| 04.09.2020 | 04:00 | 04:15 | 1.091 |
| 04.09.2020 | 04:15 | 04:30 | 1.102 |
| 04.09.2020 | 04:30 | 04:45 | 1.133 |
| 04.09.2020 | 04:45 | 05:00 | 1.140 |
| 04.09.2020 | 05:00 | 05:15 | 1.181 |
| 04.09.2020 | 05:15 | 05:30 | 1.222 |
| 04.09.2020 | 05:30 | 05:45 | 1.288 |
| 04.09.2020 | 05:45 | 06:00 | 1.376 |
| 04.09.2020 | 06:00 | 06:15 | 1.498 |
| 04.09.2020 | 06:15 | 06:30 | 1.630 |
| 04.09.2020 | 06:30 | 06:45 | 1.711 |
| 04.09.2020 | 06:45 | 07:00 | 1.781 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.09.2020 | 07:00 | 07:15 | 1.853 |
| 04.09.2020 | 07:15 | 07:30 | 1.921 |
| 04.09.2020 | 07:30 | 07:45 | 1.980 |
| 04.09.2020 | 07:45 | 08:00 | 2.039 |
| 04.09.2020 | 08:00 | 08:15 | 2.152 |
| 04.09.2020 | 08:15 | 08:30 | 2.189 |
| 04.09.2020 | 08:30 | 08:45 | 2.191 |
| 04.09.2020 | 08:45 | 09:00 | 2.164 |
| 04.09.2020 | 09:00 | 09:15 | 2.181 |
| 04.09.2020 | 09:15 | 09:30 | 2.216 |
| 04.09.2020 | 09:30 | 09:45 | 2.254 |
| 04.09.2020 | 09:45 | 10:00 | 2.255 |
| 04.09.2020 | 10:00 | 10:15 | 2.317 |
| 04.09.2020 | 10:15 | 10:30 | 2.360 |
| 04.09.2020 | 10:30 | 10:45 | 2.466 |
| 04.09.2020 | 10:45 | 11:00 | 2.503 |
| 04.09.2020 | 11:00 | 11:15 | 2.543 |
| 04.09.2020 | 11:15 | 11:30 | 2.553 |
| 04.09.2020 | 11:30 | 11:45 | 2.560 |
| 04.09.2020 | 11:45 | 12:00 | 2.540 |
| 04.09.2020 | 12:00 | 12:15 | 2.547 |
| 04.09.2020 | 12:15 | 12:30 | 2.540 |
| 04.09.2020 | 12:30 | 12:45 | 2.511 |
| 04.09.2020 | 12:45 | 13:00 | 2.542 |
| 04.09.2020 | 13:00 | 13:15 | 2.513 |
| 04.09.2020 | 13:15 | 13:30 | 2.517 |
| 04.09.2020 | 13:30 | 13:45 | 2.448 |
| 04.09.2020 | 13:45 | 14:00 | 2.453 |
| 04.09.2020 | 14:00 | 14:15 | 2.417 |
| 04.09.2020 | 14:15 | 14:30 | 2.409 |
| 04.09.2020 | 14:30 | 14:45 | 2.402 |
| 04.09.2020 | 14:45 | 15:00 | 2.386 |
| 04.09.2020 | 15:00 | 15:15 | 2.335 |
| 04.09.2020 | 15:15 | 15:30 | 2.324 |
| 04.09.2020 | 15:30 | 15:45 | 2.290 |
| 04.09.2020 | 15:45 | 16:00 | 2.219 |
| 04.09.2020 | 16:00 | 16:15 | 2.219 |
| 04.09.2020 | 16:15 | 16:30 | 2.219 |
| 04.09.2020 | 16:30 | 16:45 | 2.207 |
| 04.09.2020 | 16:45 | 17:00 | 2.241 |
| 04.09.2020 | 17:00 | 17:15 | 2.268 |
| 04.09.2020 | 17:15 | 17:30 | 2.287 |
| 04.09.2020 | 17:30 | 17:45 | 2.298 |
| 04.09.2020 | 17:45 | 18:00 | 2.317 |
| 04.09.2020 | 18:00 | 18:15 | 2.320 |
| 04.09.2020 | 18:15 | 18:30 | 2.299 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.09.2020 | 18:30 | 18:45 | 2.310 |
| 04.09.2020 | 18:45 | 19:00 | 2.261 |
| 04.09.2020 | 19:00 | 19:15 | 2.195 |
| 04.09.2020 | 19:15 | 19:30 | 2.142 |
| 04.09.2020 | 19:30 | 19:45 | 2.095 |
| 04.09.2020 | 19:45 | 20:00 | 2.082 |
| 04.09.2020 | 20:00 | 20:15 | 2.049 |
| 04.09.2020 | 20:15 | 20:30 | 2.049 |
| 04.09.2020 | 20:30 | 20:45 | 2.067 |
| 04.09.2020 | 20:45 | 21:00 | 2.015 |
| 04.09.2020 | 21:00 | 21:15 | 1.958 |
| 04.09.2020 | 21:15 | 21:30 | 1.928 |
| 04.09.2020 | 21:30 | 21:45 | 1.835 |
| 04.09.2020 | 21:45 | 22:00 | 1.730 |
| 04.09.2020 | 22:00 | 22:15 | 1.615 |
| 04.09.2020 | 22:15 | 22:30 | 1.577 |
| 04.09.2020 | 22:30 | 22:45 | 1.529 |
| 04.09.2020 | 22:45 | 23:00 | 1.473 |
| 04.09.2020 | 23:00 | 23:15 | 1.414 |
| 04.09.2020 | 23:15 | 23:30 | 1.362 |
| 04.09.2020 | 23:30 | 23:45 | 1.324 |
| 04.09.2020 | 23:45 | 00:00 | 1.286 |
| 05.09.2020 | 00:00 | 00:15 | 1.248 |
| 05.09.2020 | 00:15 | 00:30 | 1.218 |
| 05.09.2020 | 00:30 | 00:45 | 1.170 |
| 05.09.2020 | 00:45 | 01:00 | 1.139 |
| 05.09.2020 | 01:00 | 01:15 | 1.100 |
| 05.09.2020 | 01:15 | 01:30 | 1.079 |
| 05.09.2020 | 01:30 | 01:45 | 1.061 |
| 05.09.2020 | 01:45 | 02:00 | 1.040 |
| 05.09.2020 | 02:00 | 02:15 | 1.028 |
| 05.09.2020 | 02:15 | 02:30 | 1.001 |
| 05.09.2020 | 02:30 | 02:45 | 999 |
| 05.09.2020 | 02:45 | 03:00 | 996 |
| 05.09.2020 | 03:00 | 03:15 | 978 |
| 05.09.2020 | 03:15 | 03:30 | 971 |
| 05.09.2020 | 03:30 | 03:45 | 971 |
| 05.09.2020 | 03:45 | 04:00 | 970 |
| 05.09.2020 | 04:00 | 04:15 | 987 |
| 05.09.2020 | 04:15 | 04:30 | 993 |
| 05.09.2020 | 04:30 | 04:45 | 990 |
| 05.09.2020 | 04:45 | 05:00 | 990 |
| 05.09.2020 | 05:00 | 05:15 | 1.000 |
| 05.09.2020 | 05:15 | 05:30 | 1.019 |
| 05.09.2020 | 05:30 | 05:45 | 1.022 |
| 05.09.2020 | 05:45 | 06:00 | 1.045 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.09.2020 | 06:00 | 06:15 | 1.076 |
| 05.09.2020 | 06:15 | 06:30 | 1.098 |
| 05.09.2020 | 06:30 | 06:45 | 1.107 |
| 05.09.2020 | 06:45 | 07:00 | 1.087 |
| 05.09.2020 | 07:00 | 07:15 | 1.156 |
| 05.09.2020 | 07:15 | 07:30 | 1.186 |
| 05.09.2020 | 07:30 | 07:45 | 1.234 |
| 05.09.2020 | 07:45 | 08:00 | 1.294 |
| 05.09.2020 | 08:00 | 08:15 | 1.371 |
| 05.09.2020 | 08:15 | 08:30 | 1.436 |
| 05.09.2020 | 08:30 | 08:45 | 1.521 |
| 05.09.2020 | 08:45 | 09:00 | 1.551 |
| 05.09.2020 | 09:00 | 09:15 | 1.616 |
| 05.09.2020 | 09:15 | 09:30 | 1.702 |
| 05.09.2020 | 09:30 | 09:45 | 1.771 |
| 05.09.2020 | 09:45 | 10:00 | 1.816 |
| 05.09.2020 | 10:00 | 10:15 | 1.861 |
| 05.09.2020 | 10:15 | 10:30 | 1.827 |
| 05.09.2020 | 10:30 | 10:45 | 1.845 |
| 05.09.2020 | 10:45 | 11:00 | 1.863 |
| 05.09.2020 | 11:00 | 11:15 | 1.899 |
| 05.09.2020 | 11:15 | 11:30 | 1.918 |
| 05.09.2020 | 11:30 | 11:45 | 1.919 |
| 05.09.2020 | 11:45 | 12:00 | 1.895 |
| 05.09.2020 | 12:00 | 12:15 | 1.882 |
| 05.09.2020 | 12:15 | 12:30 | 1.886 |
| 05.09.2020 | 12:30 | 12:45 | 1.877 |
| 05.09.2020 | 12:45 | 13:00 | 1.906 |
| 05.09.2020 | 13:00 | 13:15 | 1.900 |
| 05.09.2020 | 13:15 | 13:30 | 1.858 |
| 05.09.2020 | 13:30 | 13:45 | 1.832 |
| 05.09.2020 | 13:45 | 14:00 | 1.830 |
| 05.09.2020 | 14:00 | 14:15 | 1.805 |
| 05.09.2020 | 14:15 | 14:30 | 1.781 |
| 05.09.2020 | 14:30 | 14:45 | 1.780 |
| 05.09.2020 | 14:45 | 15:00 | 1.757 |
| 05.09.2020 | 15:00 | 15:15 | 1.761 |
| 05.09.2020 | 15:15 | 15:30 | 1.785 |
| 05.09.2020 | 15:30 | 15:45 | 1.724 |
| 05.09.2020 | 15:45 | 16:00 | 1.712 |
| 05.09.2020 | 16:00 | 16:15 | 1.748 |
| 05.09.2020 | 16:15 | 16:30 | 1.763 |
| 05.09.2020 | 16:30 | 16:45 | 1.760 |
| 05.09.2020 | 16:45 | 17:00 | 1.774 |
| 05.09.2020 | 17:00 | 17:15 | 1.793 |
| 05.09.2020 | 17:15 | 17:30 | 1.786 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.09.2020 | 17:30 | 17:45 | 1.782 |
| 05.09.2020 | 17:45 | 18:00 | 1.813 |
| 05.09.2020 | 18:00 | 18:15 | 1.823 |
| 05.09.2020 | 18:15 | 18:30 | 1.817 |
| 05.09.2020 | 18:30 | 18:45 | 1.819 |
| 05.09.2020 | 18:45 | 19:00 | 1.777 |
| 05.09.2020 | 19:00 | 19:15 | 1.782 |
| 05.09.2020 | 19:15 | 19:30 | 1.759 |
| 05.09.2020 | 19:30 | 19:45 | 1.698 |
| 05.09.2020 | 19:45 | 20:00 | 1.678 |
| 05.09.2020 | 20:00 | 20:15 | 1.673 |
| 05.09.2020 | 20:15 | 20:30 | 1.712 |
| 05.09.2020 | 20:30 | 20:45 | 1.753 |
| 05.09.2020 | 20:45 | 21:00 | 1.749 |
| 05.09.2020 | 21:00 | 21:15 | 1.687 |
| 05.09.2020 | 21:15 | 21:30 | 1.618 |
| 05.09.2020 | 21:30 | 21:45 | 1.576 |
| 05.09.2020 | 21:45 | 22:00 | 1.543 |
| 05.09.2020 | 22:00 | 22:15 | 1.483 |
| 05.09.2020 | 22:15 | 22:30 | 1.417 |
| 05.09.2020 | 22:30 | 22:45 | 1.363 |
| 05.09.2020 | 22:45 | 23:00 | 1.313 |
| 05.09.2020 | 23:00 | 23:15 | 1.275 |
| 05.09.2020 | 23:15 | 23:30 | 1.220 |
| 05.09.2020 | 23:30 | 23:45 | 1.181 |
| 05.09.2020 | 23:45 | 00:00 | 1.149 |
| 06.09.2020 | 00:00 | 00:15 | 1.117 |
| 06.09.2020 | 00:15 | 00:30 | 1.080 |
| 06.09.2020 | 00:30 | 00:45 | 1.037 |
| 06.09.2020 | 00:45 | 01:00 | 1.010 |
| 06.09.2020 | 01:00 | 01:15 | 984 |
| 06.09.2020 | 01:15 | 01:30 | 943 |
| 06.09.2020 | 01:30 | 01:45 | 924 |
| 06.09.2020 | 01:45 | 02:00 | 903 |
| 06.09.2020 | 02:00 | 02:15 | 902 |
| 06.09.2020 | 02:15 | 02:30 | 877 |
| 06.09.2020 | 02:30 | 02:45 | 876 |
| 06.09.2020 | 02:45 | 03:00 | 870 |
| 06.09.2020 | 03:00 | 03:15 | 864 |
| 06.09.2020 | 03:15 | 03:30 | 861 |
| 06.09.2020 | 03:30 | 03:45 | 865 |
| 06.09.2020 | 03:45 | 04:00 | 880 |
| 06.09.2020 | 04:00 | 04:15 | 883 |
| 06.09.2020 | 04:15 | 04:30 | 883 |
| 06.09.2020 | 04:30 | 04:45 | 883 |
| 06.09.2020 | 04:45 | 05:00 | 886 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.09.2020 | 05:00 | 05:15 | 896 |
| 06.09.2020 | 05:15 | 05:30 | 899 |
| 06.09.2020 | 05:30 | 05:45 | 900 |
| 06.09.2020 | 05:45 | 06:00 | 920 |
| 06.09.2020 | 06:00 | 06:15 | 928 |
| 06.09.2020 | 06:15 | 06:30 | 946 |
| 06.09.2020 | 06:30 | 06:45 | 918 |
| 06.09.2020 | 06:45 | 07:00 | 921 |
| 06.09.2020 | 07:00 | 07:15 | 943 |
| 06.09.2020 | 07:15 | 07:30 | 979 |
| 06.09.2020 | 07:30 | 07:45 | 1.010 |
| 06.09.2020 | 07:45 | 08:00 | 1.067 |
| 06.09.2020 | 08:00 | 08:15 | 1.117 |
| 06.09.2020 | 08:15 | 08:30 | 1.192 |
| 06.09.2020 | 08:30 | 08:45 | 1.243 |
| 06.09.2020 | 08:45 | 09:00 | 1.296 |
| 06.09.2020 | 09:00 | 09:15 | 1.376 |
| 06.09.2020 | 09:15 | 09:30 | 1.455 |
| 06.09.2020 | 09:30 | 09:45 | 1.524 |
| 06.09.2020 | 09:45 | 10:00 | 1.550 |
| 06.09.2020 | 10:00 | 10:15 | 1.605 |
| 06.09.2020 | 10:15 | 10:30 | 1.627 |
| 06.09.2020 | 10:30 | 10:45 | 1.627 |
| 06.09.2020 | 10:45 | 11:00 | 1.630 |
| 06.09.2020 | 11:00 | 11:15 | 1.672 |
| 06.09.2020 | 11:15 | 11:30 | 1.707 |
| 06.09.2020 | 11:30 | 11:45 | 1.761 |
| 06.09.2020 | 11:45 | 12:00 | 1.768 |
| 06.09.2020 | 12:00 | 12:15 | 1.761 |
| 06.09.2020 | 12:15 | 12:30 | 1.780 |
| 06.09.2020 | 12:30 | 12:45 | 1.764 |
| 06.09.2020 | 12:45 | 13:00 | 1.746 |
| 06.09.2020 | 13:00 | 13:15 | 1.715 |
| 06.09.2020 | 13:15 | 13:30 | 1.647 |
| 06.09.2020 | 13:30 | 13:45 | 1.627 |
| 06.09.2020 | 13:45 | 14:00 | 1.639 |
| 06.09.2020 | 14:00 | 14:15 | 1.637 |
| 06.09.2020 | 14:15 | 14:30 | 1.601 |
| 06.09.2020 | 14:30 | 14:45 | 1.562 |
| 06.09.2020 | 14:45 | 15:00 | 1.545 |
| 06.09.2020 | 15:00 | 15:15 | 1.515 |
| 06.09.2020 | 15:15 | 15:30 | 1.518 |
| 06.09.2020 | 15:30 | 15:45 | 1.492 |
| 06.09.2020 | 15:45 | 16:00 | 1.499 |
| 06.09.2020 | 16:00 | 16:15 | 1.514 |
| 06.09.2020 | 16:15 | 16:30 | 1.521 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.09.2020 | 16:30 | 16:45 | 1.548 |
| 06.09.2020 | 16:45 | 17:00 | 1.553 |
| 06.09.2020 | 17:00 | 17:15 | 1.579 |
| 06.09.2020 | 17:15 | 17:30 | 1.612 |
| 06.09.2020 | 17:30 | 17:45 | 1.646 |
| 06.09.2020 | 17:45 | 18:00 | 1.663 |
| 06.09.2020 | 18:00 | 18:15 | 1.673 |
| 06.09.2020 | 18:15 | 18:30 | 1.675 |
| 06.09.2020 | 18:30 | 18:45 | 1.722 |
| 06.09.2020 | 18:45 | 19:00 | 1.733 |
| 06.09.2020 | 19:00 | 19:15 | 1.712 |
| 06.09.2020 | 19:15 | 19:30 | 1.710 |
| 06.09.2020 | 19:30 | 19:45 | 1.716 |
| 06.09.2020 | 19:45 | 20:00 | 1.700 |
| 06.09.2020 | 20:00 | 20:15 | 1.668 |
| 06.09.2020 | 20:15 | 20:30 | 1.701 |
| 06.09.2020 | 20:30 | 20:45 | 1.735 |
| 06.09.2020 | 20:45 | 21:00 | 1.686 |
| 06.09.2020 | 21:00 | 21:15 | 1.630 |
| 06.09.2020 | 21:15 | 21:30 | 1.577 |
| 06.09.2020 | 21:30 | 21:45 | 1.539 |
| 06.09.2020 | 21:45 | 22:00 | 1.477 |
| 06.09.2020 | 22:00 | 22:15 | 1.424 |
| 06.09.2020 | 22:15 | 22:30 | 1.377 |
| 06.09.2020 | 22:30 | 22:45 | 1.336 |
| 06.09.2020 | 22:45 | 23:00 | 1.276 |
| 06.09.2020 | 23:00 | 23:15 | 1.229 |
| 06.09.2020 | 23:15 | 23:30 | 1.190 |
| 06.09.2020 | 23:30 | 23:45 | 1.151 |
| 06.09.2020 | 23:45 | 00:00 | 1.114 |
| 07.09.2020 | 00:00 | 00:15 | 1.080 |
| 07.09.2020 | 00:15 | 00:30 | 1.056 |
| 07.09.2020 | 00:30 | 00:45 | 1.022 |
| 07.09.2020 | 00:45 | 01:00 | 1.001 |
| 07.09.2020 | 01:00 | 01:15 | 985 |
| 07.09.2020 | 01:15 | 01:30 | 966 |
| 07.09.2020 | 01:30 | 01:45 | 958 |
| 07.09.2020 | 01:45 | 02:00 | 947 |
| 07.09.2020 | 02:00 | 02:15 | 915 |
| 07.09.2020 | 02:15 | 02:30 | 903 |
| 07.09.2020 | 02:30 | 02:45 | 899 |
| 07.09.2020 | 02:45 | 03:00 | 894 |
| 07.09.2020 | 03:00 | 03:15 | 903 |
| 07.09.2020 | 03:15 | 03:30 | 914 |
| 07.09.2020 | 03:30 | 03:45 | 922 |
| 07.09.2020 | 03:45 | 04:00 | 928 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.09.2020 | 04:00 | 04:15 | 947 |
| 07.09.2020 | 04:15 | 04:30 | 959 |
| 07.09.2020 | 04:30 | 04:45 | 986 |
| 07.09.2020 | 04:45 | 05:00 | 1.007 |
| 07.09.2020 | 05:00 | 05:15 | 1.048 |
| 07.09.2020 | 05:15 | 05:30 | 1.079 |
| 07.09.2020 | 05:30 | 05:45 | 1.153 |
| 07.09.2020 | 05:45 | 06:00 | 1.239 |
| 07.09.2020 | 06:00 | 06:15 | 1.355 |
| 07.09.2020 | 06:15 | 06:30 | 1.467 |
| 07.09.2020 | 06:30 | 06:45 | 1.505 |
| 07.09.2020 | 06:45 | 07:00 | 1.559 |
| 07.09.2020 | 07:00 | 07:15 | 1.628 |
| 07.09.2020 | 07:15 | 07:30 | 1.671 |
| 07.09.2020 | 07:30 | 07:45 | 1.679 |
| 07.09.2020 | 07:45 | 08:00 | 1.722 |
| 07.09.2020 | 08:00 | 08:15 | 1.799 |
| 07.09.2020 | 08:15 | 08:30 | 1.845 |
| 07.09.2020 | 08:30 | 08:45 | 1.879 |
| 07.09.2020 | 08:45 | 09:00 | 1.899 |
| 07.09.2020 | 09:00 | 09:15 | 1.945 |
| 07.09.2020 | 09:15 | 09:30 | 1.996 |
| 07.09.2020 | 09:30 | 09:45 | 2.018 |
| 07.09.2020 | 09:45 | 10:00 | 2.055 |
| 07.09.2020 | 10:00 | 10:15 | 2.074 |
| 07.09.2020 | 10:15 | 10:30 | 2.113 |
| 07.09.2020 | 10:30 | 10:45 | 2.130 |
| 07.09.2020 | 10:45 | 11:00 | 2.123 |
| 07.09.2020 | 11:00 | 11:15 | 2.147 |
| 07.09.2020 | 11:15 | 11:30 | 2.201 |
| 07.09.2020 | 11:30 | 11:45 | 2.245 |
| 07.09.2020 | 11:45 | 12:00 | 2.205 |
| 07.09.2020 | 12:00 | 12:15 | 2.229 |
| 07.09.2020 | 12:15 | 12:30 | 2.298 |
| 07.09.2020 | 12:30 | 12:45 | 2.317 |
| 07.09.2020 | 12:45 | 13:00 | 2.300 |
| 07.09.2020 | 13:00 | 13:15 | 2.330 |
| 07.09.2020 | 13:15 | 13:30 | 2.390 |
| 07.09.2020 | 13:30 | 13:45 | 2.358 |
| 07.09.2020 | 13:45 | 14:00 | 2.307 |
| 07.09.2020 | 14:00 | 14:15 | 2.382 |
| 07.09.2020 | 14:15 | 14:30 | 2.346 |
| 07.09.2020 | 14:30 | 14:45 | 2.299 |
| 07.09.2020 | 14:45 | 15:00 | 2.255 |
| 07.09.2020 | 15:00 | 15:15 | 2.262 |
| 07.09.2020 | 15:15 | 15:30 | 2.241 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.09.2020 | 15:30 | 15:45 | 2.238 |
| 07.09.2020 | 15:45 | 16:00 | 2.212 |
| 07.09.2020 | 16:00 | 16:15 | 2.218 |
| 07.09.2020 | 16:15 | 16:30 | 2.229 |
| 07.09.2020 | 16:30 | 16:45 | 2.274 |
| 07.09.2020 | 16:45 | 17:00 | 2.259 |
| 07.09.2020 | 17:00 | 17:15 | 2.282 |
| 07.09.2020 | 17:15 | 17:30 | 2.250 |
| 07.09.2020 | 17:30 | 17:45 | 2.279 |
| 07.09.2020 | 17:45 | 18:00 | 2.290 |
| 07.09.2020 | 18:00 | 18:15 | 2.251 |
| 07.09.2020 | 18:15 | 18:30 | 2.298 |
| 07.09.2020 | 18:30 | 18:45 | 2.287 |
| 07.09.2020 | 18:45 | 19:00 | 2.269 |
| 07.09.2020 | 19:00 | 19:15 | 2.252 |
| 07.09.2020 | 19:15 | 19:30 | 2.248 |
| 07.09.2020 | 19:30 | 19:45 | 2.234 |
| 07.09.2020 | 19:45 | 20:00 | 2.219 |
| 07.09.2020 | 20:00 | 20:15 | 2.189 |
| 07.09.2020 | 20:15 | 20:30 | 2.224 |
| 07.09.2020 | 20:30 | 20:45 | 2.241 |
| 07.09.2020 | 20:45 | 21:00 | 2.157 |
| 07.09.2020 | 21:00 | 21:15 | 2.073 |
| 07.09.2020 | 21:15 | 21:30 | 1.998 |
| 07.09.2020 | 21:30 | 21:45 | 1.904 |
| 07.09.2020 | 21:45 | 22:00 | 1.806 |
| 07.09.2020 | 22:00 | 22:15 | 1.709 |
| 07.09.2020 | 22:15 | 22:30 | 1.661 |
| 07.09.2020 | 22:30 | 22:45 | 1.574 |
| 07.09.2020 | 22:45 | 23:00 | 1.523 |
| 07.09.2020 | 23:00 | 23:15 | 1.458 |
| 07.09.2020 | 23:15 | 23:30 | 1.390 |
| 07.09.2020 | 23:30 | 23:45 | 1.333 |
| 07.09.2020 | 23:45 | 00:00 | 1.297 |
| 08.09.2020 | 00:00 | 00:15 | 1.260 |
| 08.09.2020 | 00:15 | 00:30 | 1.222 |
| 08.09.2020 | 00:30 | 00:45 | 1.201 |
| 08.09.2020 | 00:45 | 01:00 | 1.174 |
| 08.09.2020 | 01:00 | 01:15 | 1.147 |
| 08.09.2020 | 01:15 | 01:30 | 1.129 |
| 08.09.2020 | 01:30 | 01:45 | 1.111 |
| 08.09.2020 | 01:45 | 02:00 | 1.093 |
| 08.09.2020 | 02:00 | 02:15 | 1.064 |
| 08.09.2020 | 02:15 | 02:30 | 1.065 |
| 08.09.2020 | 02:30 | 02:45 | 1.056 |
| 08.09.2020 | 02:45 | 03:00 | 1.051 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.09.2020 | 03:00 | 03:15 | 1.035 |
| 08.09.2020 | 03:15 | 03:30 | 1.008 |
| 08.09.2020 | 03:30 | 03:45 | 1.010 |
| 08.09.2020 | 03:45 | 04:00 | 1.009 |
| 08.09.2020 | 04:00 | 04:15 | 1.040 |
| 08.09.2020 | 04:15 | 04:30 | 1.072 |
| 08.09.2020 | 04:30 | 04:45 | 1.098 |
| 08.09.2020 | 04:45 | 05:00 | 1.136 |
| 08.09.2020 | 05:00 | 05:15 | 1.192 |
| 08.09.2020 | 05:15 | 05:30 | 1.208 |
| 08.09.2020 | 05:30 | 05:45 | 1.280 |
| 08.09.2020 | 05:45 | 06:00 | 1.367 |
| 08.09.2020 | 06:00 | 06:15 | 1.512 |
| 08.09.2020 | 06:15 | 06:30 | 1.626 |
| 08.09.2020 | 06:30 | 06:45 | 1.663 |
| 08.09.2020 | 06:45 | 07:00 | 1.726 |
| 08.09.2020 | 07:00 | 07:15 | 1.797 |
| 08.09.2020 | 07:15 | 07:30 | 1.838 |
| 08.09.2020 | 07:30 | 07:45 | 1.914 |
| 08.09.2020 | 07:45 | 08:00 | 1.968 |
| 08.09.2020 | 08:00 | 08:15 | 2.031 |
| 08.09.2020 | 08:15 | 08:30 | 2.086 |
| 08.09.2020 | 08:30 | 08:45 | 2.107 |
| 08.09.2020 | 08:45 | 09:00 | 2.154 |
| 08.09.2020 | 09:00 | 09:15 | 2.173 |
| 08.09.2020 | 09:15 | 09:30 | 2.192 |
| 08.09.2020 | 09:30 | 09:45 | 2.235 |
| 08.09.2020 | 09:45 | 10:00 | 2.214 |
| 08.09.2020 | 10:00 | 10:15 | 2.257 |
| 08.09.2020 | 10:15 | 10:30 | 2.287 |
| 08.09.2020 | 10:30 | 10:45 | 2.328 |
| 08.09.2020 | 10:45 | 11:00 | 2.345 |
| 08.09.2020 | 11:00 | 11:15 | 2.285 |
| 08.09.2020 | 11:15 | 11:30 | 2.320 |
| 08.09.2020 | 11:30 | 11:45 | 2.347 |
| 08.09.2020 | 11:45 | 12:00 | 2.369 |
| 08.09.2020 | 12:00 | 12:15 | 2.392 |
| 08.09.2020 | 12:15 | 12:30 | 2.407 |
| 08.09.2020 | 12:30 | 12:45 | 2.430 |
| 08.09.2020 | 12:45 | 13:00 | 2.443 |
| 08.09.2020 | 13:00 | 13:15 | 2.432 |
| 08.09.2020 | 13:15 | 13:30 | 2.440 |
| 08.09.2020 | 13:30 | 13:45 | 2.419 |
| 08.09.2020 | 13:45 | 14:00 | 2.367 |
| 08.09.2020 | 14:00 | 14:15 | 2.323 |
| 08.09.2020 | 14:15 | 14:30 | 2.321 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.09.2020 | 14:30 | 14:45 | 2.317 |
| 08.09.2020 | 14:45 | 15:00 | 2.298 |
| 08.09.2020 | 15:00 | 15:15 | 2.339 |
| 08.09.2020 | 15:15 | 15:30 | 2.322 |
| 08.09.2020 | 15:30 | 15:45 | 2.302 |
| 08.09.2020 | 15:45 | 16:00 | 2.298 |
| 08.09.2020 | 16:00 | 16:15 | 2.308 |
| 08.09.2020 | 16:15 | 16:30 | 2.309 |
| 08.09.2020 | 16:30 | 16:45 | 2.335 |
| 08.09.2020 | 16:45 | 17:00 | 2.319 |
| 08.09.2020 | 17:00 | 17:15 | 2.352 |
| 08.09.2020 | 17:15 | 17:30 | 2.362 |
| 08.09.2020 | 17:30 | 17:45 | 2.387 |
| 08.09.2020 | 17:45 | 18:00 | 2.412 |
| 08.09.2020 | 18:00 | 18:15 | 2.418 |
| 08.09.2020 | 18:15 | 18:30 | 2.382 |
| 08.09.2020 | 18:30 | 18:45 | 2.357 |
| 08.09.2020 | 18:45 | 19:00 | 2.367 |
| 08.09.2020 | 19:00 | 19:15 | 2.371 |
| 08.09.2020 | 19:15 | 19:30 | 2.340 |
| 08.09.2020 | 19:30 | 19:45 | 2.302 |
| 08.09.2020 | 19:45 | 20:00 | 2.319 |
| 08.09.2020 | 20:00 | 20:15 | 2.232 |
| 08.09.2020 | 20:15 | 20:30 | 2.258 |
| 08.09.2020 | 20:30 | 20:45 | 2.191 |
| 08.09.2020 | 20:45 | 21:00 | 2.121 |
| 08.09.2020 | 21:00 | 21:15 | 2.033 |
| 08.09.2020 | 21:15 | 21:30 | 1.954 |
| 08.09.2020 | 21:30 | 21:45 | 1.876 |
| 08.09.2020 | 21:45 | 22:00 | 1.759 |
| 08.09.2020 | 22:00 | 22:15 | 1.662 |
| 08.09.2020 | 22:15 | 22:30 | 1.612 |
| 08.09.2020 | 22:30 | 22:45 | 1.553 |
| 08.09.2020 | 22:45 | 23:00 | 1.484 |
| 08.09.2020 | 23:00 | 23:15 | 1.419 |
| 08.09.2020 | 23:15 | 23:30 | 1.353 |
| 08.09.2020 | 23:30 | 23:45 | 1.278 |
| 08.09.2020 | 23:45 | 00:00 | 1.222 |
| 09.09.2020 | 00:00 | 00:15 | 1.185 |
| 09.09.2020 | 00:15 | 00:30 | 1.168 |
| 09.09.2020 | 00:30 | 00:45 | 1.141 |
| 09.09.2020 | 00:45 | 01:00 | 1.112 |
| 09.09.2020 | 01:00 | 01:15 | 1.081 |
| 09.09.2020 | 01:15 | 01:30 | 1.060 |
| 09.09.2020 | 01:30 | 01:45 | 1.056 |
| 09.09.2020 | 01:45 | 02:00 | 1.045 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.09.2020 | 02:00 | 02:15 | 1.050 |
| 09.09.2020 | 02:15 | 02:30 | 1.071 |
| 09.09.2020 | 02:30 | 02:45 | 1.070 |
| 09.09.2020 | 02:45 | 03:00 | 1.055 |
| 09.09.2020 | 03:00 | 03:15 | 1.046 |
| 09.09.2020 | 03:15 | 03:30 | 1.049 |
| 09.09.2020 | 03:30 | 03:45 | 1.042 |
| 09.09.2020 | 03:45 | 04:00 | 1.042 |
| 09.09.2020 | 04:00 | 04:15 | 1.067 |
| 09.09.2020 | 04:15 | 04:30 | 1.092 |
| 09.09.2020 | 04:30 | 04:45 | 1.123 |
| 09.09.2020 | 04:45 | 05:00 | 1.148 |
| 09.09.2020 | 05:00 | 05:15 | 1.243 |
| 09.09.2020 | 05:15 | 05:30 | 1.304 |
| 09.09.2020 | 05:30 | 05:45 | 1.378 |
| 09.09.2020 | 05:45 | 06:00 | 1.461 |
| 09.09.2020 | 06:00 | 06:15 | 1.580 |
| 09.09.2020 | 06:15 | 06:30 | 1.716 |
| 09.09.2020 | 06:30 | 06:45 | 1.797 |
| 09.09.2020 | 06:45 | 07:00 | 1.836 |
| 09.09.2020 | 07:00 | 07:15 | 1.909 |
| 09.09.2020 | 07:15 | 07:30 | 1.952 |
| 09.09.2020 | 07:30 | 07:45 | 2.002 |
| 09.09.2020 | 07:45 | 08:00 | 2.062 |
| 09.09.2020 | 08:00 | 08:15 | 2.148 |
| 09.09.2020 | 08:15 | 08:30 | 2.170 |
| 09.09.2020 | 08:30 | 08:45 | 2.107 |
| 09.09.2020 | 08:45 | 09:00 | 2.123 |
| 09.09.2020 | 09:00 | 09:15 | 2.177 |
| 09.09.2020 | 09:15 | 09:30 | 2.204 |
| 09.09.2020 | 09:30 | 09:45 | 2.231 |
| 09.09.2020 | 09:45 | 10:00 | 2.267 |
| 09.09.2020 | 10:00 | 10:15 | 2.305 |
| 09.09.2020 | 10:15 | 10:30 | 2.317 |
| 09.09.2020 | 10:30 | 10:45 | 2.348 |
| 09.09.2020 | 10:45 | 11:00 | 2.400 |
| 09.09.2020 | 11:00 | 11:15 | 2.346 |
| 09.09.2020 | 11:15 | 11:30 | 1.881 |
| 09.09.2020 | 11:30 | 11:45 | 1.855 |
| 09.09.2020 | 11:45 | 12:00 | 1.960 |
| 09.09.2020 | 12:00 | 12:15 | 2.245 |
| 09.09.2020 | 12:15 | 12:30 | 2.393 |
| 09.09.2020 | 12:30 | 12:45 | 2.397 |
| 09.09.2020 | 12:45 | 13:00 | 2.434 |
| 09.09.2020 | 13:00 | 13:15 | 2.428 |
| 09.09.2020 | 13:15 | 13:30 | 2.414 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.09.2020 | 13:30 | 13:45 | 2.371 |
| 09.09.2020 | 13:45 | 14:00 | 2.332 |
| 09.09.2020 | 14:00 | 14:15 | 2.315 |
| 09.09.2020 | 14:15 | 14:30 | 2.301 |
| 09.09.2020 | 14:30 | 14:45 | 2.267 |
| 09.09.2020 | 14:45 | 15:00 | 2.267 |
| 09.09.2020 | 15:00 | 15:15 | 2.274 |
| 09.09.2020 | 15:15 | 15:30 | 2.279 |
| 09.09.2020 | 15:30 | 15:45 | 2.290 |
| 09.09.2020 | 15:45 | 16:00 | 2.248 |
| 09.09.2020 | 16:00 | 16:15 | 2.275 |
| 09.09.2020 | 16:15 | 16:30 | 2.322 |
| 09.09.2020 | 16:30 | 16:45 | 2.276 |
| 09.09.2020 | 16:45 | 17:00 | 2.305 |
| 09.09.2020 | 17:00 | 17:15 | 2.313 |
| 09.09.2020 | 17:15 | 17:30 | 2.298 |
| 09.09.2020 | 17:30 | 17:45 | 2.281 |
| 09.09.2020 | 17:45 | 18:00 | 2.305 |
| 09.09.2020 | 18:00 | 18:15 | 2.308 |
| 09.09.2020 | 18:15 | 18:30 | 2.326 |
| 09.09.2020 | 18:30 | 18:45 | 2.331 |
| 09.09.2020 | 18:45 | 19:00 | 2.365 |
| 09.09.2020 | 19:00 | 19:15 | 2.338 |
| 09.09.2020 | 19:15 | 19:30 | 2.352 |
| 09.09.2020 | 19:30 | 19:45 | 2.352 |
| 09.09.2020 | 19:45 | 20:00 | 2.347 |
| 09.09.2020 | 20:00 | 20:15 | 2.294 |
| 09.09.2020 | 20:15 | 20:30 | 2.276 |
| 09.09.2020 | 20:30 | 20:45 | 2.224 |
| 09.09.2020 | 20:45 | 21:00 | 2.148 |
| 09.09.2020 | 21:00 | 21:15 | 2.044 |
| 09.09.2020 | 21:15 | 21:30 | 1.960 |
| 09.09.2020 | 21:30 | 21:45 | 1.854 |
| 09.09.2020 | 21:45 | 22:00 | 1.744 |
| 09.09.2020 | 22:00 | 22:15 | 1.665 |
| 09.09.2020 | 22:15 | 22:30 | 1.623 |
| 09.09.2020 | 22:30 | 22:45 | 1.561 |
| 09.09.2020 | 22:45 | 23:00 | 1.492 |
| 09.09.2020 | 23:00 | 23:15 | 1.439 |
| 09.09.2020 | 23:15 | 23:30 | 1.389 |
| 09.09.2020 | 23:30 | 23:45 | 1.333 |
| 09.09.2020 | 23:45 | 00:00 | 1.278 |
| 10.09.2020 | 00:00 | 00:15 | 1.234 |
| 10.09.2020 | 00:15 | 00:30 | 1.200 |
| 10.09.2020 | 00:30 | 00:45 | 1.177 |
| 10.09.2020 | 00:45 | 01:00 | 1.138 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.09.2020 | 01:00 | 01:15 | 1.124 |
| 10.09.2020 | 01:15 | 01:30 | 1.112 |
| 10.09.2020 | 01:30 | 01:45 | 1.108 |
| 10.09.2020 | 01:45 | 02:00 | 1.098 |
| 10.09.2020 | 02:00 | 02:15 | 1.093 |
| 10.09.2020 | 02:15 | 02:30 | 1.078 |
| 10.09.2020 | 02:30 | 02:45 | 1.069 |
| 10.09.2020 | 02:45 | 03:00 | 1.064 |
| 10.09.2020 | 03:00 | 03:15 | 1.045 |
| 10.09.2020 | 03:15 | 03:30 | 1.041 |
| 10.09.2020 | 03:30 | 03:45 | 1.033 |
| 10.09.2020 | 03:45 | 04:00 | 1.040 |
| 10.09.2020 | 04:00 | 04:15 | 1.057 |
| 10.09.2020 | 04:15 | 04:30 | 1.079 |
| 10.09.2020 | 04:30 | 04:45 | 1.105 |
| 10.09.2020 | 04:45 | 05:00 | 1.137 |
| 10.09.2020 | 05:00 | 05:15 | 1.174 |
| 10.09.2020 | 05:15 | 05:30 | 1.255 |
| 10.09.2020 | 05:30 | 05:45 | 1.322 |
| 10.09.2020 | 05:45 | 06:00 | 1.417 |
| 10.09.2020 | 06:00 | 06:15 | 1.548 |
| 10.09.2020 | 06:15 | 06:30 | 1.676 |
| 10.09.2020 | 06:30 | 06:45 | 1.754 |
| 10.09.2020 | 06:45 | 07:00 | 1.800 |
| 10.09.2020 | 07:00 | 07:15 | 1.860 |
| 10.09.2020 | 07:15 | 07:30 | 1.889 |
| 10.09.2020 | 07:30 | 07:45 | 1.937 |
| 10.09.2020 | 07:45 | 08:00 | 2.025 |
| 10.09.2020 | 08:00 | 08:15 | 2.090 |
| 10.09.2020 | 08:15 | 08:30 | 2.152 |
| 10.09.2020 | 08:30 | 08:45 | 2.169 |
| 10.09.2020 | 08:45 | 09:00 | 2.190 |
| 10.09.2020 | 09:00 | 09:15 | 2.238 |
| 10.09.2020 | 09:15 | 09:30 | 2.254 |
| 10.09.2020 | 09:30 | 09:45 | 2.289 |
| 10.09.2020 | 09:45 | 10:00 | 2.249 |
| 10.09.2020 | 10:00 | 10:15 | 2.279 |
| 10.09.2020 | 10:15 | 10:30 | 2.323 |
| 10.09.2020 | 10:30 | 10:45 | 2.389 |
| 10.09.2020 | 10:45 | 11:00 | 2.397 |
| 10.09.2020 | 11:00 | 11:15 | 2.383 |
| 10.09.2020 | 11:15 | 11:30 | 2.446 |
| 10.09.2020 | 11:30 | 11:45 | 2.446 |
| 10.09.2020 | 11:45 | 12:00 | 2.484 |
| 10.09.2020 | 12:00 | 12:15 | 2.489 |
| 10.09.2020 | 12:15 | 12:30 | 2.463 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.09.2020 | 12:30 | 12:45 | 2.447 |
| 10.09.2020 | 12:45 | 13:00 | 2.433 |
| 10.09.2020 | 13:00 | 13:15 | 2.468 |
| 10.09.2020 | 13:15 | 13:30 | 2.461 |
| 10.09.2020 | 13:30 | 13:45 | 2.381 |
| 10.09.2020 | 13:45 | 14:00 | 2.322 |
| 10.09.2020 | 14:00 | 14:15 | 2.303 |
| 10.09.2020 | 14:15 | 14:30 | 2.303 |
| 10.09.2020 | 14:30 | 14:45 | 2.255 |
| 10.09.2020 | 14:45 | 15:00 | 2.212 |
| 10.09.2020 | 15:00 | 15:15 | 2.186 |
| 10.09.2020 | 15:15 | 15:30 | 2.203 |
| 10.09.2020 | 15:30 | 15:45 | 2.175 |
| 10.09.2020 | 15:45 | 16:00 | 2.137 |
| 10.09.2020 | 16:00 | 16:15 | 2.175 |
| 10.09.2020 | 16:15 | 16:30 | 2.196 |
| 10.09.2020 | 16:30 | 16:45 | 2.216 |
| 10.09.2020 | 16:45 | 17:00 | 2.210 |
| 10.09.2020 | 17:00 | 17:15 | 2.218 |
| 10.09.2020 | 17:15 | 17:30 | 2.202 |
| 10.09.2020 | 17:30 | 17:45 | 2.200 |
| 10.09.2020 | 17:45 | 18:00 | 2.243 |
| 10.09.2020 | 18:00 | 18:15 | 2.298 |
| 10.09.2020 | 18:15 | 18:30 | 2.314 |
| 10.09.2020 | 18:30 | 18:45 | 2.317 |
| 10.09.2020 | 18:45 | 19:00 | 2.322 |
| 10.09.2020 | 19:00 | 19:15 | 2.326 |
| 10.09.2020 | 19:15 | 19:30 | 2.306 |
| 10.09.2020 | 19:30 | 19:45 | 2.288 |
| 10.09.2020 | 19:45 | 20:00 | 2.293 |
| 10.09.2020 | 20:00 | 20:15 | 2.241 |
| 10.09.2020 | 20:15 | 20:30 | 2.268 |
| 10.09.2020 | 20:30 | 20:45 | 2.210 |
| 10.09.2020 | 20:45 | 21:00 | 2.126 |
| 10.09.2020 | 21:00 | 21:15 | 2.049 |
| 10.09.2020 | 21:15 | 21:30 | 1.934 |
| 10.09.2020 | 21:30 | 21:45 | 1.834 |
| 10.09.2020 | 21:45 | 22:00 | 1.750 |
| 10.09.2020 | 22:00 | 22:15 | 1.652 |
| 10.09.2020 | 22:15 | 22:30 | 1.602 |
| 10.09.2020 | 22:30 | 22:45 | 1.548 |
| 10.09.2020 | 22:45 | 23:00 | 1.498 |
| 10.09.2020 | 23:00 | 23:15 | 1.446 |
| 10.09.2020 | 23:15 | 23:30 | 1.366 |
| 10.09.2020 | 23:30 | 23:45 | 1.313 |
| 10.09.2020 | 23:45 | 00:00 | 1.271 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.09.2020 | 00:00 | 00:15 | 1.234 |
| 11.09.2020 | 00:15 | 00:30 | 1.206 |
| 11.09.2020 | 00:30 | 00:45 | 1.173 |
| 11.09.2020 | 00:45 | 01:00 | 1.132 |
| 11.09.2020 | 01:00 | 01:15 | 1.107 |
| 11.09.2020 | 01:15 | 01:30 | 1.082 |
| 11.09.2020 | 01:30 | 01:45 | 1.069 |
| 11.09.2020 | 01:45 | 02:00 | 1.051 |
| 11.09.2020 | 02:00 | 02:15 | 1.033 |
| 11.09.2020 | 02:15 | 02:30 | 1.030 |
| 11.09.2020 | 02:30 | 02:45 | 1.028 |
| 11.09.2020 | 02:45 | 03:00 | 1.015 |
| 11.09.2020 | 03:00 | 03:15 | 1.014 |
| 11.09.2020 | 03:15 | 03:30 | 1.008 |
| 11.09.2020 | 03:30 | 03:45 | 1.018 |
| 11.09.2020 | 03:45 | 04:00 | 1.023 |
| 11.09.2020 | 04:00 | 04:15 | 1.042 |
| 11.09.2020 | 04:15 | 04:30 | 1.061 |
| 11.09.2020 | 04:30 | 04:45 | 1.096 |
| 11.09.2020 | 04:45 | 05:00 | 1.120 |
| 11.09.2020 | 05:00 | 05:15 | 1.157 |
| 11.09.2020 | 05:15 | 05:30 | 1.190 |
| 11.09.2020 | 05:30 | 05:45 | 1.259 |
| 11.09.2020 | 05:45 | 06:00 | 1.345 |
| 11.09.2020 | 06:00 | 06:15 | 1.452 |
| 11.09.2020 | 06:15 | 06:30 | 1.562 |
| 11.09.2020 | 06:30 | 06:45 | 1.656 |
| 11.09.2020 | 06:45 | 07:00 | 1.710 |
| 11.09.2020 | 07:00 | 07:15 | 1.786 |
| 11.09.2020 | 07:15 | 07:30 | 1.812 |
| 11.09.2020 | 07:30 | 07:45 | 1.869 |
| 11.09.2020 | 07:45 | 08:00 | 1.923 |
| 11.09.2020 | 08:00 | 08:15 | 1.953 |
| 11.09.2020 | 08:15 | 08:30 | 1.978 |
| 11.09.2020 | 08:30 | 08:45 | 2.027 |
| 11.09.2020 | 08:45 | 09:00 | 2.046 |
| 11.09.2020 | 09:00 | 09:15 | 2.074 |
| 11.09.2020 | 09:15 | 09:30 | 2.085 |
| 11.09.2020 | 09:30 | 09:45 | 2.073 |
| 11.09.2020 | 09:45 | 10:00 | 2.080 |
| 11.09.2020 | 10:00 | 10:15 | 2.124 |
| 11.09.2020 | 10:15 | 10:30 | 2.110 |
| 11.09.2020 | 10:30 | 10:45 | 2.194 |
| 11.09.2020 | 10:45 | 11:00 | 2.229 |
| 11.09.2020 | 11:00 | 11:15 | 2.267 |
| 11.09.2020 | 11:15 | 11:30 | 2.314 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.09.2020 | 11:30 | 11:45 | 2.340 |
| 11.09.2020 | 11:45 | 12:00 | 2.394 |
| 11.09.2020 | 12:00 | 12:15 | 2.418 |
| 11.09.2020 | 12:15 | 12:30 | 2.421 |
| 11.09.2020 | 12:30 | 12:45 | 2.447 |
| 11.09.2020 | 12:45 | 13:00 | 2.467 |
| 11.09.2020 | 13:00 | 13:15 | 2.430 |
| 11.09.2020 | 13:15 | 13:30 | 2.444 |
| 11.09.2020 | 13:30 | 13:45 | 2.354 |
| 11.09.2020 | 13:45 | 14:00 | 2.294 |
| 11.09.2020 | 14:00 | 14:15 | 2.257 |
| 11.09.2020 | 14:15 | 14:30 | 2.236 |
| 11.09.2020 | 14:30 | 14:45 | 2.252 |
| 11.09.2020 | 14:45 | 15:00 | 2.216 |
| 11.09.2020 | 15:00 | 15:15 | 2.207 |
| 11.09.2020 | 15:15 | 15:30 | 2.182 |
| 11.09.2020 | 15:30 | 15:45 | 2.176 |
| 11.09.2020 | 15:45 | 16:00 | 2.151 |
| 11.09.2020 | 16:00 | 16:15 | 2.129 |
| 11.09.2020 | 16:15 | 16:30 | 2.110 |
| 11.09.2020 | 16:30 | 16:45 | 2.121 |
| 11.09.2020 | 16:45 | 17:00 | 2.121 |
| 11.09.2020 | 17:00 | 17:15 | 2.140 |
| 11.09.2020 | 17:15 | 17:30 | 2.143 |
| 11.09.2020 | 17:30 | 17:45 | 2.131 |
| 11.09.2020 | 17:45 | 18:00 | 2.124 |
| 11.09.2020 | 18:00 | 18:15 | 2.112 |
| 11.09.2020 | 18:15 | 18:30 | 2.159 |
| 11.09.2020 | 18:30 | 18:45 | 2.151 |
| 11.09.2020 | 18:45 | 19:00 | 2.143 |
| 11.09.2020 | 19:00 | 19:15 | 2.128 |
| 11.09.2020 | 19:15 | 19:30 | 2.128 |
| 11.09.2020 | 19:30 | 19:45 | 2.123 |
| 11.09.2020 | 19:45 | 20:00 | 2.152 |
| 11.09.2020 | 20:00 | 20:15 | 2.148 |
| 11.09.2020 | 20:15 | 20:30 | 2.162 |
| 11.09.2020 | 20:30 | 20:45 | 2.114 |
| 11.09.2020 | 20:45 | 21:00 | 2.045 |
| 11.09.2020 | 21:00 | 21:15 | 1.971 |
| 11.09.2020 | 21:15 | 21:30 | 1.906 |
| 11.09.2020 | 21:30 | 21:45 | 1.811 |
| 11.09.2020 | 21:45 | 22:00 | 1.707 |
| 11.09.2020 | 22:00 | 22:15 | 1.626 |
| 11.09.2020 | 22:15 | 22:30 | 1.581 |
| 11.09.2020 | 22:30 | 22:45 | 1.524 |
| 11.09.2020 | 22:45 | 23:00 | 1.478 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 11.09.2020 | 23:00 | 23:15 | 1.430 |
| 11.09.2020 | 23:15 | 23:30 | 1.389 |
| 11.09.2020 | 23:30 | 23:45 | 1.350 |
| 11.09.2020 | 23:45 | 00:00 | 1.302 |
| 12.09.2020 | 00:00 | 00:15 | 1.251 |
| 12.09.2020 | 00:15 | 00:30 | 1.247 |
| 12.09.2020 | 00:30 | 00:45 | 1.239 |
| 12.09.2020 | 00:45 | 01:00 | 1.206 |
| 12.09.2020 | 01:00 | 01:15 | 1.186 |
| 12.09.2020 | 01:15 | 01:30 | 1.150 |
| 12.09.2020 | 01:30 | 01:45 | 1.131 |
| 12.09.2020 | 01:45 | 02:00 | 1.123 |
| 12.09.2020 | 02:00 | 02:15 | 1.114 |
| 12.09.2020 | 02:15 | 02:30 | 1.090 |
| 12.09.2020 | 02:30 | 02:45 | 1.086 |
| 12.09.2020 | 02:45 | 03:00 | 1.077 |
| 12.09.2020 | 03:00 | 03:15 | 1.066 |
| 12.09.2020 | 03:15 | 03:30 | 1.061 |
| 12.09.2020 | 03:30 | 03:45 | 1.058 |
| 12.09.2020 | 03:45 | 04:00 | 1.053 |
| 12.09.2020 | 04:00 | 04:15 | 1.060 |
| 12.09.2020 | 04:15 | 04:30 | 1.058 |
| 12.09.2020 | 04:30 | 04:45 | 1.057 |
| 12.09.2020 | 04:45 | 05:00 | 1.072 |
| 12.09.2020 | 05:00 | 05:15 | 1.077 |
| 12.09.2020 | 05:15 | 05:30 | 1.084 |
| 12.09.2020 | 05:30 | 05:45 | 1.101 |
| 12.09.2020 | 05:45 | 06:00 | 1.132 |
| 12.09.2020 | 06:00 | 06:15 | 1.163 |
| 12.09.2020 | 06:15 | 06:30 | 1.162 |
| 12.09.2020 | 06:30 | 06:45 | 1.174 |
| 12.09.2020 | 06:45 | 07:00 | 1.165 |
| 12.09.2020 | 07:00 | 07:15 | 1.210 |
| 12.09.2020 | 07:15 | 07:30 | 1.249 |
| 12.09.2020 | 07:30 | 07:45 | 1.298 |
| 12.09.2020 | 07:45 | 08:00 | 1.354 |
| 12.09.2020 | 08:00 | 08:15 | 1.443 |
| 12.09.2020 | 08:15 | 08:30 | 1.506 |
| 12.09.2020 | 08:30 | 08:45 | 1.555 |
| 12.09.2020 | 08:45 | 09:00 | 1.611 |
| 12.09.2020 | 09:00 | 09:15 | 1.654 |
| 12.09.2020 | 09:15 | 09:30 | 1.736 |
| 12.09.2020 | 09:30 | 09:45 | 1.786 |
| 12.09.2020 | 09:45 | 10:00 | 1.835 |
| 12.09.2020 | 10:00 | 10:15 | 1.849 |
| 12.09.2020 | 10:15 | 10:30 | 1.850 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.09.2020 | 10:30 | 10:45 | 1.889 |
| 12.09.2020 | 10:45 | 11:00 | 1.865 |
| 12.09.2020 | 11:00 | 11:15 | 1.895 |
| 12.09.2020 | 11:15 | 11:30 | 1.950 |
| 12.09.2020 | 11:30 | 11:45 | 1.934 |
| 12.09.2020 | 11:45 | 12:00 | 1.931 |
| 12.09.2020 | 12:00 | 12:15 | 1.925 |
| 12.09.2020 | 12:15 | 12:30 | 1.951 |
| 12.09.2020 | 12:30 | 12:45 | 1.958 |
| 12.09.2020 | 12:45 | 13:00 | 1.949 |
| 12.09.2020 | 13:00 | 13:15 | 1.885 |
| 12.09.2020 | 13:15 | 13:30 | 1.882 |
| 12.09.2020 | 13:30 | 13:45 | 1.837 |
| 12.09.2020 | 13:45 | 14:00 | 1.820 |
| 12.09.2020 | 14:00 | 14:15 | 1.838 |
| 12.09.2020 | 14:15 | 14:30 | 1.815 |
| 12.09.2020 | 14:30 | 14:45 | 1.807 |
| 12.09.2020 | 14:45 | 15:00 | 1.799 |
| 12.09.2020 | 15:00 | 15:15 | 1.791 |
| 12.09.2020 | 15:15 | 15:30 | 1.780 |
| 12.09.2020 | 15:30 | 15:45 | 1.764 |
| 12.09.2020 | 15:45 | 16:00 | 1.733 |
| 12.09.2020 | 16:00 | 16:15 | 1.687 |
| 12.09.2020 | 16:15 | 16:30 | 1.681 |
| 12.09.2020 | 16:30 | 16:45 | 1.691 |
| 12.09.2020 | 16:45 | 17:00 | 1.693 |
| 12.09.2020 | 17:00 | 17:15 | 1.693 |
| 12.09.2020 | 17:15 | 17:30 | 1.707 |
| 12.09.2020 | 17:30 | 17:45 | 1.682 |
| 12.09.2020 | 17:45 | 18:00 | 1.682 |
| 12.09.2020 | 18:00 | 18:15 | 1.673 |
| 12.09.2020 | 18:15 | 18:30 | 1.665 |
| 12.09.2020 | 18:30 | 18:45 | 1.670 |
| 12.09.2020 | 18:45 | 19:00 | 1.677 |
| 12.09.2020 | 19:00 | 19:15 | 1.679 |
| 12.09.2020 | 19:15 | 19:30 | 1.701 |
| 12.09.2020 | 19:30 | 19:45 | 1.689 |
| 12.09.2020 | 19:45 | 20:00 | 1.716 |
| 12.09.2020 | 20:00 | 20:15 | 1.714 |
| 12.09.2020 | 20:15 | 20:30 | 1.716 |
| 12.09.2020 | 20:30 | 20:45 | 1.680 |
| 12.09.2020 | 20:45 | 21:00 | 1.642 |
| 12.09.2020 | 21:00 | 21:15 | 1.570 |
| 12.09.2020 | 21:15 | 21:30 | 1.524 |
| 12.09.2020 | 21:30 | 21:45 | 1.483 |
| 12.09.2020 | 21:45 | 22:00 | 1.446 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.09.2020 | 22:00 | 22:15 | 1.397 |
| 12.09.2020 | 22:15 | 22:30 | 1.345 |
| 12.09.2020 | 22:30 | 22:45 | 1.307 |
| 12.09.2020 | 22:45 | 23:00 | 1.260 |
| 12.09.2020 | 23:00 | 23:15 | 1.200 |
| 12.09.2020 | 23:15 | 23:30 | 1.144 |
| 12.09.2020 | 23:30 | 23:45 | 1.104 |
| 12.09.2020 | 23:45 | 00:00 | 1.069 |
| 13.09.2020 | 00:00 | 00:15 | 1.030 |
| 13.09.2020 | 00:15 | 00:30 | 1.009 |
| 13.09.2020 | 00:30 | 00:45 | 987 |
| 13.09.2020 | 00:45 | 01:00 | 1.003 |
| 13.09.2020 | 01:00 | 01:15 | 985 |
| 13.09.2020 | 01:15 | 01:30 | 981 |
| 13.09.2020 | 01:30 | 01:45 | 978 |
| 13.09.2020 | 01:45 | 02:00 | 973 |
| 13.09.2020 | 02:00 | 02:15 | 963 |
| 13.09.2020 | 02:15 | 02:30 | 948 |
| 13.09.2020 | 02:30 | 02:45 | 936 |
| 13.09.2020 | 02:45 | 03:00 | 934 |
| 13.09.2020 | 03:00 | 03:15 | 926 |
| 13.09.2020 | 03:15 | 03:30 | 917 |
| 13.09.2020 | 03:30 | 03:45 | 918 |
| 13.09.2020 | 03:45 | 04:00 | 907 |
| 13.09.2020 | 04:00 | 04:15 | 901 |
| 13.09.2020 | 04:15 | 04:30 | 907 |
| 13.09.2020 | 04:30 | 04:45 | 904 |
| 13.09.2020 | 04:45 | 05:00 | 909 |
| 13.09.2020 | 05:00 | 05:15 | 915 |
| 13.09.2020 | 05:15 | 05:30 | 924 |
| 13.09.2020 | 05:30 | 05:45 | 938 |
| 13.09.2020 | 05:45 | 06:00 | 969 |
| 13.09.2020 | 06:00 | 06:15 | 986 |
| 13.09.2020 | 06:15 | 06:30 | 998 |
| 13.09.2020 | 06:30 | 06:45 | 1.003 |
| 13.09.2020 | 06:45 | 07:00 | 988 |
| 13.09.2020 | 07:00 | 07:15 | 1.008 |
| 13.09.2020 | 07:15 | 07:30 | 1.031 |
| 13.09.2020 | 07:30 | 07:45 | 1.065 |
| 13.09.2020 | 07:45 | 08:00 | 1.101 |
| 13.09.2020 | 08:00 | 08:15 | 1.148 |
| 13.09.2020 | 08:15 | 08:30 | 1.201 |
| 13.09.2020 | 08:30 | 08:45 | 1.252 |
| 13.09.2020 | 08:45 | 09:00 | 1.303 |
| 13.09.2020 | 09:00 | 09:15 | 1.369 |
| 13.09.2020 | 09:15 | 09:30 | 1.406 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.09.2020 | 09:30 | 09:45 | 1.452 |
| 13.09.2020 | 09:45 | 10:00 | 1.511 |
| 13.09.2020 | 10:00 | 10:15 | 1.570 |
| 13.09.2020 | 10:15 | 10:30 | 1.614 |
| 13.09.2020 | 10:30 | 10:45 | 1.674 |
| 13.09.2020 | 10:45 | 11:00 | 1.728 |
| 13.09.2020 | 11:00 | 11:15 | 1.754 |
| 13.09.2020 | 11:15 | 11:30 | 1.795 |
| 13.09.2020 | 11:30 | 11:45 | 1.845 |
| 13.09.2020 | 11:45 | 12:00 | 1.850 |
| 13.09.2020 | 12:00 | 12:15 | 1.826 |
| 13.09.2020 | 12:15 | 12:30 | 1.814 |
| 13.09.2020 | 12:30 | 12:45 | 1.827 |
| 13.09.2020 | 12:45 | 13:00 | 1.762 |
| 13.09.2020 | 13:00 | 13:15 | 1.714 |
| 13.09.2020 | 13:15 | 13:30 | 1.711 |
| 13.09.2020 | 13:30 | 13:45 | 1.707 |
| 13.09.2020 | 13:45 | 14:00 | 1.633 |
| 13.09.2020 | 14:00 | 14:15 | 1.635 |
| 13.09.2020 | 14:15 | 14:30 | 1.579 |
| 13.09.2020 | 14:30 | 14:45 | 1.553 |
| 13.09.2020 | 14:45 | 15:00 | 1.507 |
| 13.09.2020 | 15:00 | 15:15 | 1.487 |
| 13.09.2020 | 15:15 | 15:30 | 1.471 |
| 13.09.2020 | 15:30 | 15:45 | 1.440 |
| 13.09.2020 | 15:45 | 16:00 | 1.437 |
| 13.09.2020 | 16:00 | 16:15 | 1.425 |
| 13.09.2020 | 16:15 | 16:30 | 1.421 |
| 13.09.2020 | 16:30 | 16:45 | 1.433 |
| 13.09.2020 | 16:45 | 17:00 | 1.453 |
| 13.09.2020 | 17:00 | 17:15 | 1.469 |
| 13.09.2020 | 17:15 | 17:30 | 1.476 |
| 13.09.2020 | 17:30 | 17:45 | 1.558 |
| 13.09.2020 | 17:45 | 18:00 | 1.602 |
| 13.09.2020 | 18:00 | 18:15 | 1.601 |
| 13.09.2020 | 18:15 | 18:30 | 1.624 |
| 13.09.2020 | 18:30 | 18:45 | 1.644 |
| 13.09.2020 | 18:45 | 19:00 | 1.660 |
| 13.09.2020 | 19:00 | 19:15 | 1.661 |
| 13.09.2020 | 19:15 | 19:30 | 1.656 |
| 13.09.2020 | 19:30 | 19:45 | 1.665 |
| 13.09.2020 | 19:45 | 20:00 | 1.701 |
| 13.09.2020 | 20:00 | 20:15 | 1.755 |
| 13.09.2020 | 20:15 | 20:30 | 1.800 |
| 13.09.2020 | 20:30 | 20:45 | 1.770 |
| 13.09.2020 | 20:45 | 21:00 | 1.713 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 13.09.2020 | 21:00 | 21:15 | 1.648 |
| 13.09.2020 | 21:15 | 21:30 | 1.587 |
| 13.09.2020 | 21:30 | 21:45 | 1.544 |
| 13.09.2020 | 21:45 | 22:00 | 1.522 |
| 13.09.2020 | 22:00 | 22:15 | 1.475 |
| 13.09.2020 | 22:15 | 22:30 | 1.410 |
| 13.09.2020 | 22:30 | 22:45 | 1.355 |
| 13.09.2020 | 22:45 | 23:00 | 1.304 |
| 13.09.2020 | 23:00 | 23:15 | 1.277 |
| 13.09.2020 | 23:15 | 23:30 | 1.232 |
| 13.09.2020 | 23:30 | 23:45 | 1.209 |
| 13.09.2020 | 23:45 | 00:00 | 1.170 |
| 14.09.2020 | 00:00 | 00:15 | 1.127 |
| 14.09.2020 | 00:15 | 00:30 | 1.095 |
| 14.09.2020 | 00:30 | 00:45 | 1.072 |
| 14.09.2020 | 00:45 | 01:00 | 1.059 |
| 14.09.2020 | 01:00 | 01:15 | 1.044 |
| 14.09.2020 | 01:15 | 01:30 | 1.028 |
| 14.09.2020 | 01:30 | 01:45 | 1.014 |
| 14.09.2020 | 01:45 | 02:00 | 998 |
| 14.09.2020 | 02:00 | 02:15 | 1.012 |
| 14.09.2020 | 02:15 | 02:30 | 1.008 |
| 14.09.2020 | 02:30 | 02:45 | 1.002 |
| 14.09.2020 | 02:45 | 03:00 | 999 |
| 14.09.2020 | 03:00 | 03:15 | 1.013 |
| 14.09.2020 | 03:15 | 03:30 | 1.018 |
| 14.09.2020 | 03:30 | 03:45 | 1.024 |
| 14.09.2020 | 03:45 | 04:00 | 1.025 |
| 14.09.2020 | 04:00 | 04:15 | 1.051 |
| 14.09.2020 | 04:15 | 04:30 | 1.076 |
| 14.09.2020 | 04:30 | 04:45 | 1.104 |
| 14.09.2020 | 04:45 | 05:00 | 1.136 |
| 14.09.2020 | 05:00 | 05:15 | 1.163 |
| 14.09.2020 | 05:15 | 05:30 | 1.187 |
| 14.09.2020 | 05:30 | 05:45 | 1.265 |
| 14.09.2020 | 05:45 | 06:00 | 1.364 |
| 14.09.2020 | 06:00 | 06:15 | 1.513 |
| 14.09.2020 | 06:15 | 06:30 | 1.635 |
| 14.09.2020 | 06:30 | 06:45 | 1.741 |
| 14.09.2020 | 06:45 | 07:00 | 1.799 |
| 14.09.2020 | 07:00 | 07:15 | 1.869 |
| 14.09.2020 | 07:15 | 07:30 | 1.862 |
| 14.09.2020 | 07:30 | 07:45 | 1.876 |
| 14.09.2020 | 07:45 | 08:00 | 1.937 |
| 14.09.2020 | 08:00 | 08:15 | 2.009 |
| 14.09.2020 | 08:15 | 08:30 | 2.063 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.09.2020 | 08:30 | 08:45 | 2.092 |
| 14.09.2020 | 08:45 | 09:00 | 2.123 |
| 14.09.2020 | 09:00 | 09:15 | 2.174 |
| 14.09.2020 | 09:15 | 09:30 | 2.205 |
| 14.09.2020 | 09:30 | 09:45 | 2.230 |
| 14.09.2020 | 09:45 | 10:00 | 2.270 |
| 14.09.2020 | 10:00 | 10:15 | 2.285 |
| 14.09.2020 | 10:15 | 10:30 | 2.316 |
| 14.09.2020 | 10:30 | 10:45 | 2.326 |
| 14.09.2020 | 10:45 | 11:00 | 2.356 |
| 14.09.2020 | 11:00 | 11:15 | 2.335 |
| 14.09.2020 | 11:15 | 11:30 | 2.373 |
| 14.09.2020 | 11:30 | 11:45 | 2.409 |
| 14.09.2020 | 11:45 | 12:00 | 2.476 |
| 14.09.2020 | 12:00 | 12:15 | 2.486 |
| 14.09.2020 | 12:15 | 12:30 | 2.525 |
| 14.09.2020 | 12:30 | 12:45 | 2.520 |
| 14.09.2020 | 12:45 | 13:00 | 2.521 |
| 14.09.2020 | 13:00 | 13:15 | 2.536 |
| 14.09.2020 | 13:15 | 13:30 | 2.503 |
| 14.09.2020 | 13:30 | 13:45 | 2.489 |
| 14.09.2020 | 13:45 | 14:00 | 2.437 |
| 14.09.2020 | 14:00 | 14:15 | 2.437 |
| 14.09.2020 | 14:15 | 14:30 | 2.440 |
| 14.09.2020 | 14:30 | 14:45 | 2.458 |
| 14.09.2020 | 14:45 | 15:00 | 2.419 |
| 14.09.2020 | 15:00 | 15:15 | 2.351 |
| 14.09.2020 | 15:15 | 15:30 | 2.323 |
| 14.09.2020 | 15:30 | 15:45 | 2.309 |
| 14.09.2020 | 15:45 | 16:00 | 2.304 |
| 14.09.2020 | 16:00 | 16:15 | 2.339 |
| 14.09.2020 | 16:15 | 16:30 | 2.370 |
| 14.09.2020 | 16:30 | 16:45 | 2.370 |
| 14.09.2020 | 16:45 | 17:00 | 2.320 |
| 14.09.2020 | 17:00 | 17:15 | 2.300 |
| 14.09.2020 | 17:15 | 17:30 | 2.328 |
| 14.09.2020 | 17:30 | 17:45 | 2.309 |
| 14.09.2020 | 17:45 | 18:00 | 2.295 |
| 14.09.2020 | 18:00 | 18:15 | 2.293 |
| 14.09.2020 | 18:15 | 18:30 | 2.342 |
| 14.09.2020 | 18:30 | 18:45 | 2.312 |
| 14.09.2020 | 18:45 | 19:00 | 2.315 |
| 14.09.2020 | 19:00 | 19:15 | 2.312 |
| 14.09.2020 | 19:15 | 19:30 | 2.285 |
| 14.09.2020 | 19:30 | 19:45 | 2.295 |
| 14.09.2020 | 19:45 | 20:00 | 2.314 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.09.2020 | 20:00 | 20:15 | 2.324 |
| 14.09.2020 | 20:15 | 20:30 | 2.312 |
| 14.09.2020 | 20:30 | 20:45 | 2.218 |
| 14.09.2020 | 20:45 | 21:00 | 2.158 |
| 14.09.2020 | 21:00 | 21:15 | 2.057 |
| 14.09.2020 | 21:15 | 21:30 | 1.958 |
| 14.09.2020 | 21:30 | 21:45 | 1.903 |
| 14.09.2020 | 21:45 | 22:00 | 1.806 |
| 14.09.2020 | 22:00 | 22:15 | 1.701 |
| 14.09.2020 | 22:15 | 22:30 | 1.596 |
| 14.09.2020 | 22:30 | 22:45 | 1.535 |
| 14.09.2020 | 22:45 | 23:00 | 1.475 |
| 14.09.2020 | 23:00 | 23:15 | 1.421 |
| 14.09.2020 | 23:15 | 23:30 | 1.368 |
| 14.09.2020 | 23:30 | 23:45 | 1.313 |
| 14.09.2020 | 23:45 | 00:00 | 1.277 |
| 15.09.2020 | 00:00 | 00:15 | 1.243 |
| 15.09.2020 | 00:15 | 00:30 | 1.219 |
| 15.09.2020 | 00:30 | 00:45 | 1.191 |
| 15.09.2020 | 00:45 | 01:00 | 1.168 |
| 15.09.2020 | 01:00 | 01:15 | 1.135 |
| 15.09.2020 | 01:15 | 01:30 | 1.117 |
| 15.09.2020 | 01:30 | 01:45 | 1.116 |
| 15.09.2020 | 01:45 | 02:00 | 1.102 |
| 15.09.2020 | 02:00 | 02:15 | 1.070 |
| 15.09.2020 | 02:15 | 02:30 | 1.075 |
| 15.09.2020 | 02:30 | 02:45 | 1.068 |
| 15.09.2020 | 02:45 | 03:00 | 1.052 |
| 15.09.2020 | 03:00 | 03:15 | 1.049 |
| 15.09.2020 | 03:15 | 03:30 | 1.044 |
| 15.09.2020 | 03:30 | 03:45 | 1.048 |
| 15.09.2020 | 03:45 | 04:00 | 1.052 |
| 15.09.2020 | 04:00 | 04:15 | 1.071 |
| 15.09.2020 | 04:15 | 04:30 | 1.116 |
| 15.09.2020 | 04:30 | 04:45 | 1.149 |
| 15.09.2020 | 04:45 | 05:00 | 1.173 |
| 15.09.2020 | 05:00 | 05:15 | 1.220 |
| 15.09.2020 | 05:15 | 05:30 | 1.269 |
| 15.09.2020 | 05:30 | 05:45 | 1.336 |
| 15.09.2020 | 05:45 | 06:00 | 1.431 |
| 15.09.2020 | 06:00 | 06:15 | 1.533 |
| 15.09.2020 | 06:15 | 06:30 | 1.670 |
| 15.09.2020 | 06:30 | 06:45 | 1.773 |
| 15.09.2020 | 06:45 | 07:00 | 1.814 |
| 15.09.2020 | 07:00 | 07:15 | 1.890 |
| 15.09.2020 | 07:15 | 07:30 | 1.892 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.09.2020 | 07:30 | 07:45 | 1.965 |
| 15.09.2020 | 07:45 | 08:00 | 2.014 |
| 15.09.2020 | 08:00 | 08:15 | 2.073 |
| 15.09.2020 | 08:15 | 08:30 | 2.114 |
| 15.09.2020 | 08:30 | 08:45 | 2.168 |
| 15.09.2020 | 08:45 | 09:00 | 2.209 |
| 15.09.2020 | 09:00 | 09:15 | 2.233 |
| 15.09.2020 | 09:15 | 09:30 | 2.249 |
| 15.09.2020 | 09:30 | 09:45 | 2.275 |
| 15.09.2020 | 09:45 | 10:00 | 2.316 |
| 15.09.2020 | 10:00 | 10:15 | 2.387 |
| 15.09.2020 | 10:15 | 10:30 | 2.398 |
| 15.09.2020 | 10:30 | 10:45 | 2.432 |
| 15.09.2020 | 10:45 | 11:00 | 2.512 |
| 15.09.2020 | 11:00 | 11:15 | 2.510 |
| 15.09.2020 | 11:15 | 11:30 | 2.555 |
| 15.09.2020 | 11:30 | 11:45 | 2.573 |
| 15.09.2020 | 11:45 | 12:00 | 2.599 |
| 15.09.2020 | 12:00 | 12:15 | 2.619 |
| 15.09.2020 | 12:15 | 12:30 | 2.612 |
| 15.09.2020 | 12:30 | 12:45 | 2.600 |
| 15.09.2020 | 12:45 | 13:00 | 2.605 |
| 15.09.2020 | 13:00 | 13:15 | 2.574 |
| 15.09.2020 | 13:15 | 13:30 | 2.554 |
| 15.09.2020 | 13:30 | 13:45 | 2.528 |
| 15.09.2020 | 13:45 | 14:00 | 2.493 |
| 15.09.2020 | 14:00 | 14:15 | 2.462 |
| 15.09.2020 | 14:15 | 14:30 | 2.444 |
| 15.09.2020 | 14:30 | 14:45 | 2.409 |
| 15.09.2020 | 14:45 | 15:00 | 2.410 |
| 15.09.2020 | 15:00 | 15:15 | 2.442 |
| 15.09.2020 | 15:15 | 15:30 | 2.435 |
| 15.09.2020 | 15:30 | 15:45 | 2.410 |
| 15.09.2020 | 15:45 | 16:00 | 2.361 |
| 15.09.2020 | 16:00 | 16:15 | 2.362 |
| 15.09.2020 | 16:15 | 16:30 | 2.382 |
| 15.09.2020 | 16:30 | 16:45 | 2.395 |
| 15.09.2020 | 16:45 | 17:00 | 2.382 |
| 15.09.2020 | 17:00 | 17:15 | 2.378 |
| 15.09.2020 | 17:15 | 17:30 | 2.382 |
| 15.09.2020 | 17:30 | 17:45 | 2.384 |
| 15.09.2020 | 17:45 | 18:00 | 2.372 |
| 15.09.2020 | 18:00 | 18:15 | 2.382 |
| 15.09.2020 | 18:15 | 18:30 | 2.406 |
| 15.09.2020 | 18:30 | 18:45 | 2.410 |
| 15.09.2020 | 18:45 | 19:00 | 2.417 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.09.2020 | 19:00 | 19:15 | 2.398 |
| 15.09.2020 | 19:15 | 19:30 | 2.403 |
| 15.09.2020 | 19:30 | 19:45 | 2.355 |
| 15.09.2020 | 19:45 | 20:00 | 2.363 |
| 15.09.2020 | 20:00 | 20:15 | 2.347 |
| 15.09.2020 | 20:15 | 20:30 | 2.340 |
| 15.09.2020 | 20:30 | 20:45 | 2.297 |
| 15.09.2020 | 20:45 | 21:00 | 2.305 |
| 15.09.2020 | 21:00 | 21:15 | 2.200 |
| 15.09.2020 | 21:15 | 21:30 | 2.104 |
| 15.09.2020 | 21:30 | 21:45 | 1.978 |
| 15.09.2020 | 21:45 | 22:00 | 1.881 |
| 15.09.2020 | 22:00 | 22:15 | 1.713 |
| 15.09.2020 | 22:15 | 22:30 | 1.674 |
| 15.09.2020 | 22:30 | 22:45 | 1.599 |
| 15.09.2020 | 22:45 | 23:00 | 1.517 |
| 15.09.2020 | 23:00 | 23:15 | 1.448 |
| 15.09.2020 | 23:15 | 23:30 | 1.412 |
| 15.09.2020 | 23:30 | 23:45 | 1.385 |
| 15.09.2020 | 23:45 | 00:00 | 1.331 |
| 16.09.2020 | 00:00 | 00:15 | 1.289 |
| 16.09.2020 | 00:15 | 00:30 | 1.253 |
| 16.09.2020 | 00:30 | 00:45 | 1.243 |
| 16.09.2020 | 00:45 | 01:00 | 1.230 |
| 16.09.2020 | 01:00 | 01:15 | 1.202 |
| 16.09.2020 | 01:15 | 01:30 | 1.189 |
| 16.09.2020 | 01:30 | 01:45 | 1.180 |
| 16.09.2020 | 01:45 | 02:00 | 1.166 |
| 16.09.2020 | 02:00 | 02:15 | 1.147 |
| 16.09.2020 | 02:15 | 02:30 | 1.139 |
| 16.09.2020 | 02:30 | 02:45 | 1.132 |
| 16.09.2020 | 02:45 | 03:00 | 1.126 |
| 16.09.2020 | 03:00 | 03:15 | 1.114 |
| 16.09.2020 | 03:15 | 03:30 | 1.103 |
| 16.09.2020 | 03:30 | 03:45 | 1.078 |
| 16.09.2020 | 03:45 | 04:00 | 1.079 |
| 16.09.2020 | 04:00 | 04:15 | 1.100 |
| 16.09.2020 | 04:15 | 04:30 | 1.119 |
| 16.09.2020 | 04:30 | 04:45 | 1.157 |
| 16.09.2020 | 04:45 | 05:00 | 1.177 |
| 16.09.2020 | 05:00 | 05:15 | 1.213 |
| 16.09.2020 | 05:15 | 05:30 | 1.242 |
| 16.09.2020 | 05:30 | 05:45 | 1.311 |
| 16.09.2020 | 05:45 | 06:00 | 1.390 |
| 16.09.2020 | 06:00 | 06:15 | 1.506 |
| 16.09.2020 | 06:15 | 06:30 | 1.612 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.09.2020 | 06:30 | 06:45 | 1.719 |
| 16.09.2020 | 06:45 | 07:00 | 1.769 |
| 16.09.2020 | 07:00 | 07:15 | 1.832 |
| 16.09.2020 | 07:15 | 07:30 | 1.883 |
| 16.09.2020 | 07:30 | 07:45 | 1.930 |
| 16.09.2020 | 07:45 | 08:00 | 1.949 |
| 16.09.2020 | 08:00 | 08:15 | 2.019 |
| 16.09.2020 | 08:15 | 08:30 | 2.064 |
| 16.09.2020 | 08:30 | 08:45 | 2.131 |
| 16.09.2020 | 08:45 | 09:00 | 2.175 |
| 16.09.2020 | 09:00 | 09:15 | 2.216 |
| 16.09.2020 | 09:15 | 09:30 | 2.266 |
| 16.09.2020 | 09:30 | 09:45 | 2.279 |
| 16.09.2020 | 09:45 | 10:00 | 2.285 |
| 16.09.2020 | 10:00 | 10:15 | 2.340 |
| 16.09.2020 | 10:15 | 10:30 | 2.344 |
| 16.09.2020 | 10:30 | 10:45 | 2.382 |
| 16.09.2020 | 10:45 | 11:00 | 2.400 |
| 16.09.2020 | 11:00 | 11:15 | 2.482 |
| 16.09.2020 | 11:15 | 11:30 | 2.508 |
| 16.09.2020 | 11:30 | 11:45 | 2.536 |
| 16.09.2020 | 11:45 | 12:00 | 2.595 |
| 16.09.2020 | 12:00 | 12:15 | 2.622 |
| 16.09.2020 | 12:15 | 12:30 | 2.652 |
| 16.09.2020 | 12:30 | 12:45 | 2.665 |
| 16.09.2020 | 12:45 | 13:00 | 2.607 |
| 16.09.2020 | 13:00 | 13:15 | 2.610 |
| 16.09.2020 | 13:15 | 13:30 | 2.594 |
| 16.09.2020 | 13:30 | 13:45 | 2.584 |
| 16.09.2020 | 13:45 | 14:00 | 2.539 |
| 16.09.2020 | 14:00 | 14:15 | 2.523 |
| 16.09.2020 | 14:15 | 14:30 | 2.520 |
| 16.09.2020 | 14:30 | 14:45 | 2.527 |
| 16.09.2020 | 14:45 | 15:00 | 2.501 |
| 16.09.2020 | 15:00 | 15:15 | 2.469 |
| 16.09.2020 | 15:15 | 15:30 | 2.458 |
| 16.09.2020 | 15:30 | 15:45 | 2.450 |
| 16.09.2020 | 15:45 | 16:00 | 2.389 |
| 16.09.2020 | 16:00 | 16:15 | 2.410 |
| 16.09.2020 | 16:15 | 16:30 | 2.428 |
| 16.09.2020 | 16:30 | 16:45 | 2.399 |
| 16.09.2020 | 16:45 | 17:00 | 2.374 |
| 16.09.2020 | 17:00 | 17:15 | 2.378 |
| 16.09.2020 | 17:15 | 17:30 | 2.405 |
| 16.09.2020 | 17:30 | 17:45 | 2.419 |
| 16.09.2020 | 17:45 | 18:00 | 2.407 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.09.2020 | 18:00 | 18:15 | 2.401 |
| 16.09.2020 | 18:15 | 18:30 | 2.368 |
| 16.09.2020 | 18:30 | 18:45 | 2.329 |
| 16.09.2020 | 18:45 | 19:00 | 2.358 |
| 16.09.2020 | 19:00 | 19:15 | 2.357 |
| 16.09.2020 | 19:15 | 19:30 | 2.340 |
| 16.09.2020 | 19:30 | 19:45 | 2.340 |
| 16.09.2020 | 19:45 | 20:00 | 2.368 |
| 16.09.2020 | 20:00 | 20:15 | 2.342 |
| 16.09.2020 | 20:15 | 20:30 | 2.304 |
| 16.09.2020 | 20:30 | 20:45 | 2.211 |
| 16.09.2020 | 20:45 | 21:00 | 2.168 |
| 16.09.2020 | 21:00 | 21:15 | 2.067 |
| 16.09.2020 | 21:15 | 21:30 | 1.986 |
| 16.09.2020 | 21:30 | 21:45 | 1.859 |
| 16.09.2020 | 21:45 | 22:00 | 1.772 |
| 16.09.2020 | 22:00 | 22:15 | 1.664 |
| 16.09.2020 | 22:15 | 22:30 | 1.615 |
| 16.09.2020 | 22:30 | 22:45 | 1.590 |
| 16.09.2020 | 22:45 | 23:00 | 1.513 |
| 16.09.2020 | 23:00 | 23:15 | 1.452 |
| 16.09.2020 | 23:15 | 23:30 | 1.402 |
| 16.09.2020 | 23:30 | 23:45 | 1.346 |
| 16.09.2020 | 23:45 | 00:00 | 1.326 |
| 17.09.2020 | 00:00 | 00:15 | 1.284 |
| 17.09.2020 | 00:15 | 00:30 | 1.253 |
| 17.09.2020 | 00:30 | 00:45 | 1.220 |
| 17.09.2020 | 00:45 | 01:00 | 1.180 |
| 17.09.2020 | 01:00 | 01:15 | 1.141 |
| 17.09.2020 | 01:15 | 01:30 | 1.105 |
| 17.09.2020 | 01:30 | 01:45 | 1.099 |
| 17.09.2020 | 01:45 | 02:00 | 1.091 |
| 17.09.2020 | 02:00 | 02:15 | 1.063 |
| 17.09.2020 | 02:15 | 02:30 | 1.062 |
| 17.09.2020 | 02:30 | 02:45 | 1.078 |
| 17.09.2020 | 02:45 | 03:00 | 1.091 |
| 17.09.2020 | 03:00 | 03:15 | 1.086 |
| 17.09.2020 | 03:15 | 03:30 | 1.066 |
| 17.09.2020 | 03:30 | 03:45 | 1.072 |
| 17.09.2020 | 03:45 | 04:00 | 1.090 |
| 17.09.2020 | 04:00 | 04:15 | 1.106 |
| 17.09.2020 | 04:15 | 04:30 | 1.124 |
| 17.09.2020 | 04:30 | 04:45 | 1.168 |
| 17.09.2020 | 04:45 | 05:00 | 1.187 |
| 17.09.2020 | 05:00 | 05:15 | 1.252 |
| 17.09.2020 | 05:15 | 05:30 | 1.289 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.09.2020 | 05:30 | 05:45 | 1.343 |
| 17.09.2020 | 05:45 | 06:00 | 1.432 |
| 17.09.2020 | 06:00 | 06:15 | 1.571 |
| 17.09.2020 | 06:15 | 06:30 | 1.668 |
| 17.09.2020 | 06:30 | 06:45 | 1.803 |
| 17.09.2020 | 06:45 | 07:00 | 1.850 |
| 17.09.2020 | 07:00 | 07:15 | 1.909 |
| 17.09.2020 | 07:15 | 07:30 | 1.947 |
| 17.09.2020 | 07:30 | 07:45 | 1.984 |
| 17.09.2020 | 07:45 | 08:00 | 2.020 |
| 17.09.2020 | 08:00 | 08:15 | 2.099 |
| 17.09.2020 | 08:15 | 08:30 | 2.134 |
| 17.09.2020 | 08:30 | 08:45 | 2.149 |
| 17.09.2020 | 08:45 | 09:00 | 2.179 |
| 17.09.2020 | 09:00 | 09:15 | 2.212 |
| 17.09.2020 | 09:15 | 09:30 | 2.194 |
| 17.09.2020 | 09:30 | 09:45 | 2.247 |
| 17.09.2020 | 09:45 | 10:00 | 2.252 |
| 17.09.2020 | 10:00 | 10:15 | 2.258 |
| 17.09.2020 | 10:15 | 10:30 | 2.312 |
| 17.09.2020 | 10:30 | 10:45 | 2.355 |
| 17.09.2020 | 10:45 | 11:00 | 2.379 |
| 17.09.2020 | 11:00 | 11:15 | 2.358 |
| 17.09.2020 | 11:15 | 11:30 | 2.377 |
| 17.09.2020 | 11:30 | 11:45 | 2.421 |
| 17.09.2020 | 11:45 | 12:00 | 2.425 |
| 17.09.2020 | 12:00 | 12:15 | 2.447 |
| 17.09.2020 | 12:15 | 12:30 | 2.454 |
| 17.09.2020 | 12:30 | 12:45 | 2.436 |
| 17.09.2020 | 12:45 | 13:00 | 2.436 |
| 17.09.2020 | 13:00 | 13:15 | 2.415 |
| 17.09.2020 | 13:15 | 13:30 | 2.372 |
| 17.09.2020 | 13:30 | 13:45 | 2.317 |
| 17.09.2020 | 13:45 | 14:00 | 2.224 |
| 17.09.2020 | 14:00 | 14:15 | 2.182 |
| 17.09.2020 | 14:15 | 14:30 | 2.192 |
| 17.09.2020 | 14:30 | 14:45 | 2.187 |
| 17.09.2020 | 14:45 | 15:00 | 2.171 |
| 17.09.2020 | 15:00 | 15:15 | 2.176 |
| 17.09.2020 | 15:15 | 15:30 | 2.180 |
| 17.09.2020 | 15:30 | 15:45 | 2.187 |
| 17.09.2020 | 15:45 | 16:00 | 2.172 |
| 17.09.2020 | 16:00 | 16:15 | 2.133 |
| 17.09.2020 | 16:15 | 16:30 | 2.144 |
| 17.09.2020 | 16:30 | 16:45 | 2.130 |
| 17.09.2020 | 16:45 | 17:00 | 2.132 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.09.2020 | 17:00 | 17:15 | 2.161 |
| 17.09.2020 | 17:15 | 17:30 | 2.151 |
| 17.09.2020 | 17:30 | 17:45 | 2.136 |
| 17.09.2020 | 17:45 | 18:00 | 2.125 |
| 17.09.2020 | 18:00 | 18:15 | 2.124 |
| 17.09.2020 | 18:15 | 18:30 | 2.148 |
| 17.09.2020 | 18:30 | 18:45 | 2.185 |
| 17.09.2020 | 18:45 | 19:00 | 2.221 |
| 17.09.2020 | 19:00 | 19:15 | 2.199 |
| 17.09.2020 | 19:15 | 19:30 | 2.212 |
| 17.09.2020 | 19:30 | 19:45 | 2.228 |
| 17.09.2020 | 19:45 | 20:00 | 2.258 |
| 17.09.2020 | 20:00 | 20:15 | 2.287 |
| 17.09.2020 | 20:15 | 20:30 | 2.218 |
| 17.09.2020 | 20:30 | 20:45 | 2.114 |
| 17.09.2020 | 20:45 | 21:00 | 2.039 |
| 17.09.2020 | 21:00 | 21:15 | 1.953 |
| 17.09.2020 | 21:15 | 21:30 | 1.845 |
| 17.09.2020 | 21:30 | 21:45 | 1.753 |
| 17.09.2020 | 21:45 | 22:00 | 1.666 |
| 17.09.2020 | 22:00 | 22:15 | 1.560 |
| 17.09.2020 | 22:15 | 22:30 | 1.541 |
| 17.09.2020 | 22:30 | 22:45 | 1.501 |
| 17.09.2020 | 22:45 | 23:00 | 1.451 |
| 17.09.2020 | 23:00 | 23:15 | 1.387 |
| 17.09.2020 | 23:15 | 23:30 | 1.336 |
| 17.09.2020 | 23:30 | 23:45 | 1.294 |
| 17.09.2020 | 23:45 | 00:00 | 1.262 |
| 18.09.2020 | 00:00 | 00:15 | 1.218 |
| 18.09.2020 | 00:15 | 00:30 | 1.184 |
| 18.09.2020 | 00:30 | 00:45 | 1.156 |
| 18.09.2020 | 00:45 | 01:00 | 1.123 |
| 18.09.2020 | 01:00 | 01:15 | 1.104 |
| 18.09.2020 | 01:15 | 01:30 | 1.124 |
| 18.09.2020 | 01:30 | 01:45 | 1.114 |
| 18.09.2020 | 01:45 | 02:00 | 1.106 |
| 18.09.2020 | 02:00 | 02:15 | 1.098 |
| 18.09.2020 | 02:15 | 02:30 | 1.087 |
| 18.09.2020 | 02:30 | 02:45 | 1.083 |
| 18.09.2020 | 02:45 | 03:00 | 1.073 |
| 18.09.2020 | 03:00 | 03:15 | 1.064 |
| 18.09.2020 | 03:15 | 03:30 | 1.035 |
| 18.09.2020 | 03:30 | 03:45 | 992 |
| 18.09.2020 | 03:45 | 04:00 | 1.004 |
| 18.09.2020 | 04:00 | 04:15 | 1.019 |
| 18.09.2020 | 04:15 | 04:30 | 1.044 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.09.2020 | 04:30 | 04:45 | 1.064 |
| 18.09.2020 | 04:45 | 05:00 | 1.108 |
| 18.09.2020 | 05:00 | 05:15 | 1.202 |
| 18.09.2020 | 05:15 | 05:30 | 1.244 |
| 18.09.2020 | 05:30 | 05:45 | 1.299 |
| 18.09.2020 | 05:45 | 06:00 | 1.407 |
| 18.09.2020 | 06:00 | 06:15 | 1.522 |
| 18.09.2020 | 06:15 | 06:30 | 1.632 |
| 18.09.2020 | 06:30 | 06:45 | 1.717 |
| 18.09.2020 | 06:45 | 07:00 | 1.757 |
| 18.09.2020 | 07:00 | 07:15 | 1.835 |
| 18.09.2020 | 07:15 | 07:30 | 1.880 |
| 18.09.2020 | 07:30 | 07:45 | 1.886 |
| 18.09.2020 | 07:45 | 08:00 | 1.934 |
| 18.09.2020 | 08:00 | 08:15 | 2.030 |
| 18.09.2020 | 08:15 | 08:30 | 2.081 |
| 18.09.2020 | 08:30 | 08:45 | 2.114 |
| 18.09.2020 | 08:45 | 09:00 | 2.146 |
| 18.09.2020 | 09:00 | 09:15 | 2.144 |
| 18.09.2020 | 09:15 | 09:30 | 2.224 |
| 18.09.2020 | 09:30 | 09:45 | 2.238 |
| 18.09.2020 | 09:45 | 10:00 | 2.232 |
| 18.09.2020 | 10:00 | 10:15 | 2.258 |
| 18.09.2020 | 10:15 | 10:30 | 2.268 |
| 18.09.2020 | 10:30 | 10:45 | 2.301 |
| 18.09.2020 | 10:45 | 11:00 | 2.325 |
| 18.09.2020 | 11:00 | 11:15 | 2.308 |
| 18.09.2020 | 11:15 | 11:30 | 2.337 |
| 18.09.2020 | 11:30 | 11:45 | 2.366 |
| 18.09.2020 | 11:45 | 12:00 | 2.378 |
| 18.09.2020 | 12:00 | 12:15 | 2.364 |
| 18.09.2020 | 12:15 | 12:30 | 2.361 |
| 18.09.2020 | 12:30 | 12:45 | 2.335 |
| 18.09.2020 | 12:45 | 13:00 | 2.302 |
| 18.09.2020 | 13:00 | 13:15 | 2.298 |
| 18.09.2020 | 13:15 | 13:30 | 2.247 |
| 18.09.2020 | 13:30 | 13:45 | 2.213 |
| 18.09.2020 | 13:45 | 14:00 | 2.201 |
| 18.09.2020 | 14:00 | 14:15 | 2.186 |
| 18.09.2020 | 14:15 | 14:30 | 2.194 |
| 18.09.2020 | 14:30 | 14:45 | 2.208 |
| 18.09.2020 | 14:45 | 15:00 | 2.165 |
| 18.09.2020 | 15:00 | 15:15 | 2.128 |
| 18.09.2020 | 15:15 | 15:30 | 2.099 |
| 18.09.2020 | 15:30 | 15:45 | 2.051 |
| 18.09.2020 | 15:45 | 16:00 | 2.049 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | Summe in kWh: | 15.967.502 |
|---|---|---|---|
| | | | kW |
| 18.09.2020 | 16:00 | 16:15 | 2.058 |
| 18.09.2020 | 16:15 | 16:30 | 1.990 |
| 18.09.2020 | 16:30 | 16:45 | 1.971 |
| 18.09.2020 | 16:45 | 17:00 | 1.995 |
| 18.09.2020 | 17:00 | 17:15 | 1.978 |
| 18.09.2020 | 17:15 | 17:30 | 2.022 |
| 18.09.2020 | 17:30 | 17:45 | 2.000 |
| 18.09.2020 | 17:45 | 18:00 | 2.000 |
| 18.09.2020 | 18:00 | 18:15 | 2.034 |
| 18.09.2020 | 18:15 | 18:30 | 2.111 |
| 18.09.2020 | 18:30 | 18:45 | 2.122 |
| 18.09.2020 | 18:45 | 19:00 | 2.106 |
| 18.09.2020 | 19:00 | 19:15 | 2.068 |
| 18.09.2020 | 19:15 | 19:30 | 2.068 |
| 18.09.2020 | 19:30 | 19:45 | 2.089 |
| 18.09.2020 | 19:45 | 20:00 | 2.154 |
| 18.09.2020 | 20:00 | 20:15 | 2.187 |
| 18.09.2020 | 20:15 | 20:30 | 2.122 |
| 18.09.2020 | 20:30 | 20:45 | 2.058 |
| 18.09.2020 | 20:45 | 21:00 | 2.009 |
| 18.09.2020 | 21:00 | 21:15 | 1.939 |
| 18.09.2020 | 21:15 | 21:30 | 1.894 |
| 18.09.2020 | 21:30 | 21:45 | 1.776 |
| 18.09.2020 | 21:45 | 22:00 | 1.690 |
| 18.09.2020 | 22:00 | 22:15 | 1.610 |
| 18.09.2020 | 22:15 | 22:30 | 1.550 |
| 18.09.2020 | 22:30 | 22:45 | 1.526 |
| 18.09.2020 | 22:45 | 23:00 | 1.493 |
| 18.09.2020 | 23:00 | 23:15 | 1.470 |
| 18.09.2020 | 23:15 | 23:30 | 1.421 |
| 18.09.2020 | 23:30 | 23:45 | 1.383 |
| 18.09.2020 | 23:45 | 00:00 | 1.359 |
| 19.09.2020 | 00:00 | 00:15 | 1.318 |
| 19.09.2020 | 00:15 | 00:30 | 1.282 |
| 19.09.2020 | 00:30 | 00:45 | 1.245 |
| 19.09.2020 | 00:45 | 01:00 | 1.201 |
| 19.09.2020 | 01:00 | 01:15 | 1.168 |
| 19.09.2020 | 01:15 | 01:30 | 1.149 |
| 19.09.2020 | 01:30 | 01:45 | 1.140 |
| 19.09.2020 | 01:45 | 02:00 | 1.127 |
| 19.09.2020 | 02:00 | 02:15 | 1.118 |
| 19.09.2020 | 02:15 | 02:30 | 1.088 |
| 19.09.2020 | 02:30 | 02:45 | 1.086 |
| 19.09.2020 | 02:45 | 03:00 | 1.085 |
| 19.09.2020 | 03:00 | 03:15 | 1.074 |
| 19.09.2020 | 03:15 | 03:30 | 1.058 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.09.2020 | 03:30 | 03:45 | 1.047 |
| 19.09.2020 | 03:45 | 04:00 | 1.052 |
| 19.09.2020 | 04:00 | 04:15 | 1.052 |
| 19.09.2020 | 04:15 | 04:30 | 1.052 |
| 19.09.2020 | 04:30 | 04:45 | 1.068 |
| 19.09.2020 | 04:45 | 05:00 | 1.073 |
| 19.09.2020 | 05:00 | 05:15 | 1.088 |
| 19.09.2020 | 05:15 | 05:30 | 1.099 |
| 19.09.2020 | 05:30 | 05:45 | 1.106 |
| 19.09.2020 | 05:45 | 06:00 | 1.154 |
| 19.09.2020 | 06:00 | 06:15 | 1.191 |
| 19.09.2020 | 06:15 | 06:30 | 1.225 |
| 19.09.2020 | 06:30 | 06:45 | 1.236 |
| 19.09.2020 | 06:45 | 07:00 | 1.243 |
| 19.09.2020 | 07:00 | 07:15 | 1.264 |
| 19.09.2020 | 07:15 | 07:30 | 1.296 |
| 19.09.2020 | 07:30 | 07:45 | 1.336 |
| 19.09.2020 | 07:45 | 08:00 | 1.383 |
| 19.09.2020 | 08:00 | 08:15 | 1.456 |
| 19.09.2020 | 08:15 | 08:30 | 1.520 |
| 19.09.2020 | 08:30 | 08:45 | 1.580 |
| 19.09.2020 | 08:45 | 09:00 | 1.637 |
| 19.09.2020 | 09:00 | 09:15 | 1.692 |
| 19.09.2020 | 09:15 | 09:30 | 1.738 |
| 19.09.2020 | 09:30 | 09:45 | 1.769 |
| 19.09.2020 | 09:45 | 10:00 | 1.810 |
| 19.09.2020 | 10:00 | 10:15 | 1.850 |
| 19.09.2020 | 10:15 | 10:30 | 1.879 |
| 19.09.2020 | 10:30 | 10:45 | 1.911 |
| 19.09.2020 | 10:45 | 11:00 | 1.945 |
| 19.09.2020 | 11:00 | 11:15 | 1.946 |
| 19.09.2020 | 11:15 | 11:30 | 1.963 |
| 19.09.2020 | 11:30 | 11:45 | 1.966 |
| 19.09.2020 | 11:45 | 12:00 | 1.949 |
| 19.09.2020 | 12:00 | 12:15 | 1.953 |
| 19.09.2020 | 12:15 | 12:30 | 1.980 |
| 19.09.2020 | 12:30 | 12:45 | 1.962 |
| 19.09.2020 | 12:45 | 13:00 | 1.949 |
| 19.09.2020 | 13:00 | 13:15 | 1.967 |
| 19.09.2020 | 13:15 | 13:30 | 1.934 |
| 19.09.2020 | 13:30 | 13:45 | 1.920 |
| 19.09.2020 | 13:45 | 14:00 | 1.891 |
| 19.09.2020 | 14:00 | 14:15 | 1.883 |
| 19.09.2020 | 14:15 | 14:30 | 1.858 |
| 19.09.2020 | 14:30 | 14:45 | 1.848 |
| 19.09.2020 | 14:45 | 15:00 | 1.826 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.09.2020 | 15:00 | 15:15 | 1.834 |
| 19.09.2020 | 15:15 | 15:30 | 1.823 |
| 19.09.2020 | 15:30 | 15:45 | 1.821 |
| 19.09.2020 | 15:45 | 16:00 | 1.792 |
| 19.09.2020 | 16:00 | 16:15 | 1.775 |
| 19.09.2020 | 16:15 | 16:30 | 1.754 |
| 19.09.2020 | 16:30 | 16:45 | 1.754 |
| 19.09.2020 | 16:45 | 17:00 | 1.755 |
| 19.09.2020 | 17:00 | 17:15 | 1.778 |
| 19.09.2020 | 17:15 | 17:30 | 1.783 |
| 19.09.2020 | 17:30 | 17:45 | 1.827 |
| 19.09.2020 | 17:45 | 18:00 | 1.843 |
| 19.09.2020 | 18:00 | 18:15 | 1.818 |
| 19.09.2020 | 18:15 | 18:30 | 1.832 |
| 19.09.2020 | 18:30 | 18:45 | 1.816 |
| 19.09.2020 | 18:45 | 19:00 | 1.790 |
| 19.09.2020 | 19:00 | 19:15 | 1.789 |
| 19.09.2020 | 19:15 | 19:30 | 1.760 |
| 19.09.2020 | 19:30 | 19:45 | 1.773 |
| 19.09.2020 | 19:45 | 20:00 | 1.793 |
| 19.09.2020 | 20:00 | 20:15 | 1.842 |
| 19.09.2020 | 20:15 | 20:30 | 1.790 |
| 19.09.2020 | 20:30 | 20:45 | 1.748 |
| 19.09.2020 | 20:45 | 21:00 | 1.705 |
| 19.09.2020 | 21:00 | 21:15 | 1.659 |
| 19.09.2020 | 21:15 | 21:30 | 1.592 |
| 19.09.2020 | 21:30 | 21:45 | 1.552 |
| 19.09.2020 | 21:45 | 22:00 | 1.509 |
| 19.09.2020 | 22:00 | 22:15 | 1.452 |
| 19.09.2020 | 22:15 | 22:30 | 1.398 |
| 19.09.2020 | 22:30 | 22:45 | 1.348 |
| 19.09.2020 | 22:45 | 23:00 | 1.308 |
| 19.09.2020 | 23:00 | 23:15 | 1.263 |
| 19.09.2020 | 23:15 | 23:30 | 1.222 |
| 19.09.2020 | 23:30 | 23:45 | 1.184 |
| 19.09.2020 | 23:45 | 00:00 | 1.139 |
| 20.09.2020 | 00:00 | 00:15 | 1.111 |
| 20.09.2020 | 00:15 | 00:30 | 1.079 |
| 20.09.2020 | 00:30 | 00:45 | 1.062 |
| 20.09.2020 | 00:45 | 01:00 | 1.047 |
| 20.09.2020 | 01:00 | 01:15 | 1.027 |
| 20.09.2020 | 01:15 | 01:30 | 1.004 |
| 20.09.2020 | 01:30 | 01:45 | 984 |
| 20.09.2020 | 01:45 | 02:00 | 971 |
| 20.09.2020 | 02:00 | 02:15 | 968 |
| 20.09.2020 | 02:15 | 02:30 | 952 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.09.2020 | 02:30 | 02:45 | 945 |
| 20.09.2020 | 02:45 | 03:00 | 937 |
| 20.09.2020 | 03:00 | 03:15 | 928 |
| 20.09.2020 | 03:15 | 03:30 | 922 |
| 20.09.2020 | 03:30 | 03:45 | 915 |
| 20.09.2020 | 03:45 | 04:00 | 910 |
| 20.09.2020 | 04:00 | 04:15 | 911 |
| 20.09.2020 | 04:15 | 04:30 | 911 |
| 20.09.2020 | 04:30 | 04:45 | 914 |
| 20.09.2020 | 04:45 | 05:00 | 915 |
| 20.09.2020 | 05:00 | 05:15 | 964 |
| 20.09.2020 | 05:15 | 05:30 | 981 |
| 20.09.2020 | 05:30 | 05:45 | 988 |
| 20.09.2020 | 05:45 | 06:00 | 1.012 |
| 20.09.2020 | 06:00 | 06:15 | 1.028 |
| 20.09.2020 | 06:15 | 06:30 | 1.042 |
| 20.09.2020 | 06:30 | 06:45 | 1.057 |
| 20.09.2020 | 06:45 | 07:00 | 1.063 |
| 20.09.2020 | 07:00 | 07:15 | 1.046 |
| 20.09.2020 | 07:15 | 07:30 | 1.070 |
| 20.09.2020 | 07:30 | 07:45 | 1.105 |
| 20.09.2020 | 07:45 | 08:00 | 1.148 |
| 20.09.2020 | 08:00 | 08:15 | 1.211 |
| 20.09.2020 | 08:15 | 08:30 | 1.270 |
| 20.09.2020 | 08:30 | 08:45 | 1.316 |
| 20.09.2020 | 08:45 | 09:00 | 1.388 |
| 20.09.2020 | 09:00 | 09:15 | 1.450 |
| 20.09.2020 | 09:15 | 09:30 | 1.513 |
| 20.09.2020 | 09:30 | 09:45 | 1.568 |
| 20.09.2020 | 09:45 | 10:00 | 1.610 |
| 20.09.2020 | 10:00 | 10:15 | 1.636 |
| 20.09.2020 | 10:15 | 10:30 | 1.677 |
| 20.09.2020 | 10:30 | 10:45 | 1.711 |
| 20.09.2020 | 10:45 | 11:00 | 1.768 |
| 20.09.2020 | 11:00 | 11:15 | 1.800 |
| 20.09.2020 | 11:15 | 11:30 | 1.822 |
| 20.09.2020 | 11:30 | 11:45 | 1.872 |
| 20.09.2020 | 11:45 | 12:00 | 1.895 |
| 20.09.2020 | 12:00 | 12:15 | 1.902 |
| 20.09.2020 | 12:15 | 12:30 | 1.900 |
| 20.09.2020 | 12:30 | 12:45 | 1.896 |
| 20.09.2020 | 12:45 | 13:00 | 1.844 |
| 20.09.2020 | 13:00 | 13:15 | 1.835 |
| 20.09.2020 | 13:15 | 13:30 | 1.811 |
| 20.09.2020 | 13:30 | 13:45 | 1.775 |
| 20.09.2020 | 13:45 | 14:00 | 1.736 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.09.2020 | 14:00 | 14:15 | 1.707 |
| 20.09.2020 | 14:15 | 14:30 | 1.679 |
| 20.09.2020 | 14:30 | 14:45 | 1.663 |
| 20.09.2020 | 14:45 | 15:00 | 1.633 |
| 20.09.2020 | 15:00 | 15:15 | 1.621 |
| 20.09.2020 | 15:15 | 15:30 | 1.566 |
| 20.09.2020 | 15:30 | 15:45 | 1.541 |
| 20.09.2020 | 15:45 | 16:00 | 1.534 |
| 20.09.2020 | 16:00 | 16:15 | 1.465 |
| 20.09.2020 | 16:15 | 16:30 | 1.427 |
| 20.09.2020 | 16:30 | 16:45 | 1.424 |
| 20.09.2020 | 16:45 | 17:00 | 1.429 |
| 20.09.2020 | 17:00 | 17:15 | 1.459 |
| 20.09.2020 | 17:15 | 17:30 | 1.493 |
| 20.09.2020 | 17:30 | 17:45 | 1.533 |
| 20.09.2020 | 17:45 | 18:00 | 1.555 |
| 20.09.2020 | 18:00 | 18:15 | 1.589 |
| 20.09.2020 | 18:15 | 18:30 | 1.609 |
| 20.09.2020 | 18:30 | 18:45 | 1.626 |
| 20.09.2020 | 18:45 | 19:00 | 1.658 |
| 20.09.2020 | 19:00 | 19:15 | 1.677 |
| 20.09.2020 | 19:15 | 19:30 | 1.677 |
| 20.09.2020 | 19:30 | 19:45 | 1.681 |
| 20.09.2020 | 19:45 | 20:00 | 1.739 |
| 20.09.2020 | 20:00 | 20:15 | 1.798 |
| 20.09.2020 | 20:15 | 20:30 | 1.810 |
| 20.09.2020 | 20:30 | 20:45 | 1.750 |
| 20.09.2020 | 20:45 | 21:00 | 1.749 |
| 20.09.2020 | 21:00 | 21:15 | 1.657 |
| 20.09.2020 | 21:15 | 21:30 | 1.600 |
| 20.09.2020 | 21:30 | 21:45 | 1.553 |
| 20.09.2020 | 21:45 | 22:00 | 1.519 |
| 20.09.2020 | 22:00 | 22:15 | 1.469 |
| 20.09.2020 | 22:15 | 22:30 | 1.406 |
| 20.09.2020 | 22:30 | 22:45 | 1.356 |
| 20.09.2020 | 22:45 | 23:00 | 1.295 |
| 20.09.2020 | 23:00 | 23:15 | 1.217 |
| 20.09.2020 | 23:15 | 23:30 | 1.145 |
| 20.09.2020 | 23:30 | 23:45 | 1.094 |
| 20.09.2020 | 23:45 | 00:00 | 1.063 |
| 21.09.2020 | 00:00 | 00:15 | 1.030 |
| 21.09.2020 | 00:15 | 00:30 | 1.015 |
| 21.09.2020 | 00:30 | 00:45 | 993 |
| 21.09.2020 | 00:45 | 01:00 | 980 |
| 21.09.2020 | 01:00 | 01:15 | 963 |
| 21.09.2020 | 01:15 | 01:30 | 952 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.09.2020 | 01:30 | 01:45 | 942 |
| 21.09.2020 | 01:45 | 02:00 | 933 |
| 21.09.2020 | 02:00 | 02:15 | 936 |
| 21.09.2020 | 02:15 | 02:30 | 927 |
| 21.09.2020 | 02:30 | 02:45 | 916 |
| 21.09.2020 | 02:45 | 03:00 | 913 |
| 21.09.2020 | 03:00 | 03:15 | 915 |
| 21.09.2020 | 03:15 | 03:30 | 918 |
| 21.09.2020 | 03:30 | 03:45 | 925 |
| 21.09.2020 | 03:45 | 04:00 | 927 |
| 21.09.2020 | 04:00 | 04:15 | 955 |
| 21.09.2020 | 04:15 | 04:30 | 970 |
| 21.09.2020 | 04:30 | 04:45 | 999 |
| 21.09.2020 | 04:45 | 05:00 | 1.030 |
| 21.09.2020 | 05:00 | 05:15 | 1.112 |
| 21.09.2020 | 05:15 | 05:30 | 1.144 |
| 21.09.2020 | 05:30 | 05:45 | 1.212 |
| 21.09.2020 | 05:45 | 06:00 | 1.297 |
| 21.09.2020 | 06:00 | 06:15 | 1.421 |
| 21.09.2020 | 06:15 | 06:30 | 1.558 |
| 21.09.2020 | 06:30 | 06:45 | 1.662 |
| 21.09.2020 | 06:45 | 07:00 | 1.784 |
| 21.09.2020 | 07:00 | 07:15 | 1.880 |
| 21.09.2020 | 07:15 | 07:30 | 1.906 |
| 21.09.2020 | 07:30 | 07:45 | 1.968 |
| 21.09.2020 | 07:45 | 08:00 | 2.025 |
| 21.09.2020 | 08:00 | 08:15 | 1.979 |
| 21.09.2020 | 08:15 | 08:30 | 1.913 |
| 21.09.2020 | 08:30 | 08:45 | 1.959 |
| 21.09.2020 | 08:45 | 09:00 | 1.984 |
| 21.09.2020 | 09:00 | 09:15 | 2.004 |
| 21.09.2020 | 09:15 | 09:30 | 2.016 |
| 21.09.2020 | 09:30 | 09:45 | 2.069 |
| 21.09.2020 | 09:45 | 10:00 | 2.125 |
| 21.09.2020 | 10:00 | 10:15 | 2.152 |
| 21.09.2020 | 10:15 | 10:30 | 2.157 |
| 21.09.2020 | 10:30 | 10:45 | 2.147 |
| 21.09.2020 | 10:45 | 11:00 | 2.146 |
| 21.09.2020 | 11:00 | 11:15 | 2.178 |
| 21.09.2020 | 11:15 | 11:30 | 2.189 |
| 21.09.2020 | 11:30 | 11:45 | 2.175 |
| 21.09.2020 | 11:45 | 12:00 | 2.278 |
| 21.09.2020 | 12:00 | 12:15 | 2.378 |
| 21.09.2020 | 12:15 | 12:30 | 2.462 |
| 21.09.2020 | 12:30 | 12:45 | 2.484 |
| 21.09.2020 | 12:45 | 13:00 | 2.477 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.09.2020 | 13:00 | 13:15 | 2.482 |
| 21.09.2020 | 13:15 | 13:30 | 2.478 |
| 21.09.2020 | 13:30 | 13:45 | 2.418 |
| 21.09.2020 | 13:45 | 14:00 | 2.403 |
| 21.09.2020 | 14:00 | 14:15 | 2.357 |
| 21.09.2020 | 14:15 | 14:30 | 2.347 |
| 21.09.2020 | 14:30 | 14:45 | 2.362 |
| 21.09.2020 | 14:45 | 15:00 | 2.344 |
| 21.09.2020 | 15:00 | 15:15 | 2.317 |
| 21.09.2020 | 15:15 | 15:30 | 2.297 |
| 21.09.2020 | 15:30 | 15:45 | 2.275 |
| 21.09.2020 | 15:45 | 16:00 | 2.231 |
| 21.09.2020 | 16:00 | 16:15 | 2.234 |
| 21.09.2020 | 16:15 | 16:30 | 2.267 |
| 21.09.2020 | 16:30 | 16:45 | 2.307 |
| 21.09.2020 | 16:45 | 17:00 | 2.312 |
| 21.09.2020 | 17:00 | 17:15 | 2.287 |
| 21.09.2020 | 17:15 | 17:30 | 2.323 |
| 21.09.2020 | 17:30 | 17:45 | 2.338 |
| 21.09.2020 | 17:45 | 18:00 | 2.361 |
| 21.09.2020 | 18:00 | 18:15 | 2.344 |
| 21.09.2020 | 18:15 | 18:30 | 2.348 |
| 21.09.2020 | 18:30 | 18:45 | 2.362 |
| 21.09.2020 | 18:45 | 19:00 | 2.369 |
| 21.09.2020 | 19:00 | 19:15 | 2.356 |
| 21.09.2020 | 19:15 | 19:30 | 2.356 |
| 21.09.2020 | 19:30 | 19:45 | 2.395 |
| 21.09.2020 | 19:45 | 20:00 | 2.425 |
| 21.09.2020 | 20:00 | 20:15 | 2.447 |
| 21.09.2020 | 20:15 | 20:30 | 2.362 |
| 21.09.2020 | 20:30 | 20:45 | 2.287 |
| 21.09.2020 | 20:45 | 21:00 | 2.209 |
| 21.09.2020 | 21:00 | 21:15 | 2.099 |
| 21.09.2020 | 21:15 | 21:30 | 2.001 |
| 21.09.2020 | 21:30 | 21:45 | 1.896 |
| 21.09.2020 | 21:45 | 22:00 | 1.798 |
| 21.09.2020 | 22:00 | 22:15 | 1.694 |
| 21.09.2020 | 22:15 | 22:30 | 1.643 |
| 21.09.2020 | 22:30 | 22:45 | 1.584 |
| 21.09.2020 | 22:45 | 23:00 | 1.516 |
| 21.09.2020 | 23:00 | 23:15 | 1.451 |
| 21.09.2020 | 23:15 | 23:30 | 1.401 |
| 21.09.2020 | 23:30 | 23:45 | 1.367 |
| 21.09.2020 | 23:45 | 00:00 | 1.324 |
| 22.09.2020 | 00:00 | 00:15 | 1.285 |
| 22.09.2020 | 00:15 | 00:30 | 1.258 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.09.2020 | 00:30 | 00:45 | 1.226 |
| 22.09.2020 | 00:45 | 01:00 | 1.201 |
| 22.09.2020 | 01:00 | 01:15 | 1.173 |
| 22.09.2020 | 01:15 | 01:30 | 1.159 |
| 22.09.2020 | 01:30 | 01:45 | 1.125 |
| 22.09.2020 | 01:45 | 02:00 | 1.109 |
| 22.09.2020 | 02:00 | 02:15 | 1.079 |
| 22.09.2020 | 02:15 | 02:30 | 1.081 |
| 22.09.2020 | 02:30 | 02:45 | 1.068 |
| 22.09.2020 | 02:45 | 03:00 | 1.061 |
| 22.09.2020 | 03:00 | 03:15 | 1.043 |
| 22.09.2020 | 03:15 | 03:30 | 1.044 |
| 22.09.2020 | 03:30 | 03:45 | 1.047 |
| 22.09.2020 | 03:45 | 04:00 | 1.050 |
| 22.09.2020 | 04:00 | 04:15 | 1.083 |
| 22.09.2020 | 04:15 | 04:30 | 1.127 |
| 22.09.2020 | 04:30 | 04:45 | 1.157 |
| 22.09.2020 | 04:45 | 05:00 | 1.144 |
| 22.09.2020 | 05:00 | 05:15 | 1.206 |
| 22.09.2020 | 05:15 | 05:30 | 1.244 |
| 22.09.2020 | 05:30 | 05:45 | 1.312 |
| 22.09.2020 | 05:45 | 06:00 | 1.397 |
| 22.09.2020 | 06:00 | 06:15 | 1.536 |
| 22.09.2020 | 06:15 | 06:30 | 1.656 |
| 22.09.2020 | 06:30 | 06:45 | 1.773 |
| 22.09.2020 | 06:45 | 07:00 | 1.867 |
| 22.09.2020 | 07:00 | 07:15 | 1.919 |
| 22.09.2020 | 07:15 | 07:30 | 1.971 |
| 22.09.2020 | 07:30 | 07:45 | 2.010 |
| 22.09.2020 | 07:45 | 08:00 | 2.049 |
| 22.09.2020 | 08:00 | 08:15 | 2.069 |
| 22.09.2020 | 08:15 | 08:30 | 2.069 |
| 22.09.2020 | 08:30 | 08:45 | 2.079 |
| 22.09.2020 | 08:45 | 09:00 | 2.098 |
| 22.09.2020 | 09:00 | 09:15 | 2.141 |
| 22.09.2020 | 09:15 | 09:30 | 2.184 |
| 22.09.2020 | 09:30 | 09:45 | 2.180 |
| 22.09.2020 | 09:45 | 10:00 | 2.217 |
| 22.09.2020 | 10:00 | 10:15 | 2.300 |
| 22.09.2020 | 10:15 | 10:30 | 2.362 |
| 22.09.2020 | 10:30 | 10:45 | 2.389 |
| 22.09.2020 | 10:45 | 11:00 | 2.411 |
| 22.09.2020 | 11:00 | 11:15 | 2.402 |
| 22.09.2020 | 11:15 | 11:30 | 2.464 |
| 22.09.2020 | 11:30 | 11:45 | 2.496 |
| 22.09.2020 | 11:45 | 12:00 | 2.489 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.09.2020 | 12:00 | 12:15 | 2.508 |
| 22.09.2020 | 12:15 | 12:30 | 2.483 |
| 22.09.2020 | 12:30 | 12:45 | 2.528 |
| 22.09.2020 | 12:45 | 13:00 | 2.533 |
| 22.09.2020 | 13:00 | 13:15 | 2.496 |
| 22.09.2020 | 13:15 | 13:30 | 2.438 |
| 22.09.2020 | 13:30 | 13:45 | 2.433 |
| 22.09.2020 | 13:45 | 14:00 | 2.374 |
| 22.09.2020 | 14:00 | 14:15 | 2.332 |
| 22.09.2020 | 14:15 | 14:30 | 2.271 |
| 22.09.2020 | 14:30 | 14:45 | 2.249 |
| 22.09.2020 | 14:45 | 15:00 | 2.156 |
| 22.09.2020 | 15:00 | 15:15 | 2.153 |
| 22.09.2020 | 15:15 | 15:30 | 2.127 |
| 22.09.2020 | 15:30 | 15:45 | 2.128 |
| 22.09.2020 | 15:45 | 16:00 | 2.127 |
| 22.09.2020 | 16:00 | 16:15 | 2.194 |
| 22.09.2020 | 16:15 | 16:30 | 2.203 |
| 22.09.2020 | 16:30 | 16:45 | 2.272 |
| 22.09.2020 | 16:45 | 17:00 | 2.306 |
| 22.09.2020 | 17:00 | 17:15 | 2.309 |
| 22.09.2020 | 17:15 | 17:30 | 2.285 |
| 22.09.2020 | 17:30 | 17:45 | 2.330 |
| 22.09.2020 | 17:45 | 18:00 | 2.295 |
| 22.09.2020 | 18:00 | 18:15 | 2.293 |
| 22.09.2020 | 18:15 | 18:30 | 2.312 |
| 22.09.2020 | 18:30 | 18:45 | 2.317 |
| 22.09.2020 | 18:45 | 19:00 | 2.343 |
| 22.09.2020 | 19:00 | 19:15 | 2.315 |
| 22.09.2020 | 19:15 | 19:30 | 2.319 |
| 22.09.2020 | 19:30 | 19:45 | 2.417 |
| 22.09.2020 | 19:45 | 20:00 | 2.503 |
| 22.09.2020 | 20:00 | 20:15 | 2.454 |
| 22.09.2020 | 20:15 | 20:30 | 2.368 |
| 22.09.2020 | 20:30 | 20:45 | 2.265 |
| 22.09.2020 | 20:45 | 21:00 | 2.174 |
| 22.09.2020 | 21:00 | 21:15 | 2.087 |
| 22.09.2020 | 21:15 | 21:30 | 1.974 |
| 22.09.2020 | 21:30 | 21:45 | 1.870 |
| 22.09.2020 | 21:45 | 22:00 | 1.777 |
| 22.09.2020 | 22:00 | 22:15 | 1.661 |
| 22.09.2020 | 22:15 | 22:30 | 1.608 |
| 22.09.2020 | 22:30 | 22:45 | 1.561 |
| 22.09.2020 | 22:45 | 23:00 | 1.483 |
| 22.09.2020 | 23:00 | 23:15 | 1.431 |
| 22.09.2020 | 23:15 | 23:30 | 1.375 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.09.2020 | 23:30 | 23:45 | 1.329 |
| 22.09.2020 | 23:45 | 00:00 | 1.293 |
| 23.09.2020 | 00:00 | 00:15 | 1.249 |
| 23.09.2020 | 00:15 | 00:30 | 1.229 |
| 23.09.2020 | 00:30 | 00:45 | 1.198 |
| 23.09.2020 | 00:45 | 01:00 | 1.162 |
| 23.09.2020 | 01:00 | 01:15 | 1.129 |
| 23.09.2020 | 01:15 | 01:30 | 1.098 |
| 23.09.2020 | 01:30 | 01:45 | 1.098 |
| 23.09.2020 | 01:45 | 02:00 | 1.082 |
| 23.09.2020 | 02:00 | 02:15 | 1.070 |
| 23.09.2020 | 02:15 | 02:30 | 1.085 |
| 23.09.2020 | 02:30 | 02:45 | 1.112 |
| 23.09.2020 | 02:45 | 03:00 | 1.093 |
| 23.09.2020 | 03:00 | 03:15 | 1.091 |
| 23.09.2020 | 03:15 | 03:30 | 1.083 |
| 23.09.2020 | 03:30 | 03:45 | 1.083 |
| 23.09.2020 | 03:45 | 04:00 | 1.084 |
| 23.09.2020 | 04:00 | 04:15 | 1.102 |
| 23.09.2020 | 04:15 | 04:30 | 1.118 |
| 23.09.2020 | 04:30 | 04:45 | 1.152 |
| 23.09.2020 | 04:45 | 05:00 | 1.172 |
| 23.09.2020 | 05:00 | 05:15 | 1.230 |
| 23.09.2020 | 05:15 | 05:30 | 1.287 |
| 23.09.2020 | 05:30 | 05:45 | 1.348 |
| 23.09.2020 | 05:45 | 06:00 | 1.440 |
| 23.09.2020 | 06:00 | 06:15 | 1.593 |
| 23.09.2020 | 06:15 | 06:30 | 1.717 |
| 23.09.2020 | 06:30 | 06:45 | 1.815 |
| 23.09.2020 | 06:45 | 07:00 | 1.919 |
| 23.09.2020 | 07:00 | 07:15 | 1.978 |
| 23.09.2020 | 07:15 | 07:30 | 2.013 |
| 23.09.2020 | 07:30 | 07:45 | 2.064 |
| 23.09.2020 | 07:45 | 08:00 | 2.081 |
| 23.09.2020 | 08:00 | 08:15 | 2.133 |
| 23.09.2020 | 08:15 | 08:30 | 2.166 |
| 23.09.2020 | 08:30 | 08:45 | 2.198 |
| 23.09.2020 | 08:45 | 09:00 | 2.225 |
| 23.09.2020 | 09:00 | 09:15 | 2.264 |
| 23.09.2020 | 09:15 | 09:30 | 2.304 |
| 23.09.2020 | 09:30 | 09:45 | 2.337 |
| 23.09.2020 | 09:45 | 10:00 | 2.344 |
| 23.09.2020 | 10:00 | 10:15 | 2.342 |
| 23.09.2020 | 10:15 | 10:30 | 2.370 |
| 23.09.2020 | 10:30 | 10:45 | 2.418 |
| 23.09.2020 | 10:45 | 11:00 | 2.476 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.09.2020 | 11:00 | 11:15 | 2.491 |
| 23.09.2020 | 11:15 | 11:30 | 2.524 |
| 23.09.2020 | 11:30 | 11:45 | 2.546 |
| 23.09.2020 | 11:45 | 12:00 | 2.548 |
| 23.09.2020 | 12:00 | 12:15 | 2.569 |
| 23.09.2020 | 12:15 | 12:30 | 2.557 |
| 23.09.2020 | 12:30 | 12:45 | 2.531 |
| 23.09.2020 | 12:45 | 13:00 | 2.535 |
| 23.09.2020 | 13:00 | 13:15 | 2.508 |
| 23.09.2020 | 13:15 | 13:30 | 2.450 |
| 23.09.2020 | 13:30 | 13:45 | 2.428 |
| 23.09.2020 | 13:45 | 14:00 | 2.388 |
| 23.09.2020 | 14:00 | 14:15 | 2.380 |
| 23.09.2020 | 14:15 | 14:30 | 2.361 |
| 23.09.2020 | 14:30 | 14:45 | 2.297 |
| 23.09.2020 | 14:45 | 15:00 | 2.323 |
| 23.09.2020 | 15:00 | 15:15 | 2.254 |
| 23.09.2020 | 15:15 | 15:30 | 2.239 |
| 23.09.2020 | 15:30 | 15:45 | 2.252 |
| 23.09.2020 | 15:45 | 16:00 | 2.245 |
| 23.09.2020 | 16:00 | 16:15 | 2.241 |
| 23.09.2020 | 16:15 | 16:30 | 2.260 |
| 23.09.2020 | 16:30 | 16:45 | 2.273 |
| 23.09.2020 | 16:45 | 17:00 | 2.290 |
| 23.09.2020 | 17:00 | 17:15 | 2.325 |
| 23.09.2020 | 17:15 | 17:30 | 2.342 |
| 23.09.2020 | 17:30 | 17:45 | 2.357 |
| 23.09.2020 | 17:45 | 18:00 | 2.359 |
| 23.09.2020 | 18:00 | 18:15 | 2.381 |
| 23.09.2020 | 18:15 | 18:30 | 2.381 |
| 23.09.2020 | 18:30 | 18:45 | 2.368 |
| 23.09.2020 | 18:45 | 19:00 | 2.389 |
| 23.09.2020 | 19:00 | 19:15 | 2.443 |
| 23.09.2020 | 19:15 | 19:30 | 2.546 |
| 23.09.2020 | 19:30 | 19:45 | 2.512 |
| 23.09.2020 | 19:45 | 20:00 | 2.531 |
| 23.09.2020 | 20:00 | 20:15 | 2.444 |
| 23.09.2020 | 20:15 | 20:30 | 2.350 |
| 23.09.2020 | 20:30 | 20:45 | 2.292 |
| 23.09.2020 | 20:45 | 21:00 | 2.212 |
| 23.09.2020 | 21:00 | 21:15 | 2.078 |
| 23.09.2020 | 21:15 | 21:30 | 1.972 |
| 23.09.2020 | 21:30 | 21:45 | 1.891 |
| 23.09.2020 | 21:45 | 22:00 | 1.806 |
| 23.09.2020 | 22:00 | 22:15 | 1.706 |
| 23.09.2020 | 22:15 | 22:30 | 1.639 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.09.2020 | 22:30 | 22:45 | 1.561 |
| 23.09.2020 | 22:45 | 23:00 | 1.501 |
| 23.09.2020 | 23:00 | 23:15 | 1.404 |
| 23.09.2020 | 23:15 | 23:30 | 1.320 |
| 23.09.2020 | 23:30 | 23:45 | 1.276 |
| 23.09.2020 | 23:45 | 00:00 | 1.239 |
| 24.09.2020 | 00:00 | 00:15 | 1.228 |
| 24.09.2020 | 00:15 | 00:30 | 1.192 |
| 24.09.2020 | 00:30 | 00:45 | 1.173 |
| 24.09.2020 | 00:45 | 01:00 | 1.149 |
| 24.09.2020 | 01:00 | 01:15 | 1.118 |
| 24.09.2020 | 01:15 | 01:30 | 1.110 |
| 24.09.2020 | 01:30 | 01:45 | 1.106 |
| 24.09.2020 | 01:45 | 02:00 | 1.102 |
| 24.09.2020 | 02:00 | 02:15 | 1.095 |
| 24.09.2020 | 02:15 | 02:30 | 1.100 |
| 24.09.2020 | 02:30 | 02:45 | 1.087 |
| 24.09.2020 | 02:45 | 03:00 | 1.093 |
| 24.09.2020 | 03:00 | 03:15 | 1.096 |
| 24.09.2020 | 03:15 | 03:30 | 1.082 |
| 24.09.2020 | 03:30 | 03:45 | 1.092 |
| 24.09.2020 | 03:45 | 04:00 | 1.095 |
| 24.09.2020 | 04:00 | 04:15 | 1.117 |
| 24.09.2020 | 04:15 | 04:30 | 1.113 |
| 24.09.2020 | 04:30 | 04:45 | 1.073 |
| 24.09.2020 | 04:45 | 05:00 | 1.077 |
| 24.09.2020 | 05:00 | 05:15 | 1.111 |
| 24.09.2020 | 05:15 | 05:30 | 1.138 |
| 24.09.2020 | 05:30 | 05:45 | 1.182 |
| 24.09.2020 | 05:45 | 06:00 | 1.255 |
| 24.09.2020 | 06:00 | 06:15 | 1.388 |
| 24.09.2020 | 06:15 | 06:30 | 1.498 |
| 24.09.2020 | 06:30 | 06:45 | 1.583 |
| 24.09.2020 | 06:45 | 07:00 | 1.709 |
| 24.09.2020 | 07:00 | 07:15 | 1.743 |
| 24.09.2020 | 07:15 | 07:30 | 1.777 |
| 24.09.2020 | 07:30 | 07:45 | 1.859 |
| 24.09.2020 | 07:45 | 08:00 | 1.918 |
| 24.09.2020 | 08:00 | 08:15 | 1.987 |
| 24.09.2020 | 08:15 | 08:30 | 2.002 |
| 24.09.2020 | 08:30 | 08:45 | 2.048 |
| 24.09.2020 | 08:45 | 09:00 | 2.075 |
| 24.09.2020 | 09:00 | 09:15 | 2.109 |
| 24.09.2020 | 09:15 | 09:30 | 2.140 |
| 24.09.2020 | 09:30 | 09:45 | 2.157 |
| 24.09.2020 | 09:45 | 10:00 | 2.170 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.09.2020 | 10:00 | 10:15 | 2.226 |
| 24.09.2020 | 10:15 | 10:30 | 2.341 |
| 24.09.2020 | 10:30 | 10:45 | 2.313 |
| 24.09.2020 | 10:45 | 11:00 | 2.390 |
| 24.09.2020 | 11:00 | 11:15 | 2.402 |
| 24.09.2020 | 11:15 | 11:30 | 2.469 |
| 24.09.2020 | 11:30 | 11:45 | 2.492 |
| 24.09.2020 | 11:45 | 12:00 | 2.488 |
| 24.09.2020 | 12:00 | 12:15 | 2.513 |
| 24.09.2020 | 12:15 | 12:30 | 2.514 |
| 24.09.2020 | 12:30 | 12:45 | 2.442 |
| 24.09.2020 | 12:45 | 13:00 | 2.441 |
| 24.09.2020 | 13:00 | 13:15 | 2.484 |
| 24.09.2020 | 13:15 | 13:30 | 2.415 |
| 24.09.2020 | 13:30 | 13:45 | 2.406 |
| 24.09.2020 | 13:45 | 14:00 | 2.370 |
| 24.09.2020 | 14:00 | 14:15 | 2.348 |
| 24.09.2020 | 14:15 | 14:30 | 2.334 |
| 24.09.2020 | 14:30 | 14:45 | 2.308 |
| 24.09.2020 | 14:45 | 15:00 | 2.281 |
| 24.09.2020 | 15:00 | 15:15 | 2.250 |
| 24.09.2020 | 15:15 | 15:30 | 2.280 |
| 24.09.2020 | 15:30 | 15:45 | 2.271 |
| 24.09.2020 | 15:45 | 16:00 | 2.234 |
| 24.09.2020 | 16:00 | 16:15 | 2.202 |
| 24.09.2020 | 16:15 | 16:30 | 2.184 |
| 24.09.2020 | 16:30 | 16:45 | 2.178 |
| 24.09.2020 | 16:45 | 17:00 | 2.184 |
| 24.09.2020 | 17:00 | 17:15 | 2.240 |
| 24.09.2020 | 17:15 | 17:30 | 2.210 |
| 24.09.2020 | 17:30 | 17:45 | 2.210 |
| 24.09.2020 | 17:45 | 18:00 | 2.245 |
| 24.09.2020 | 18:00 | 18:15 | 2.269 |
| 24.09.2020 | 18:15 | 18:30 | 2.289 |
| 24.09.2020 | 18:30 | 18:45 | 2.283 |
| 24.09.2020 | 18:45 | 19:00 | 2.294 |
| 24.09.2020 | 19:00 | 19:15 | 2.342 |
| 24.09.2020 | 19:15 | 19:30 | 2.434 |
| 24.09.2020 | 19:30 | 19:45 | 2.473 |
| 24.09.2020 | 19:45 | 20:00 | 2.560 |
| 24.09.2020 | 20:00 | 20:15 | 2.473 |
| 24.09.2020 | 20:15 | 20:30 | 2.400 |
| 24.09.2020 | 20:30 | 20:45 | 2.290 |
| 24.09.2020 | 20:45 | 21:00 | 2.192 |
| 24.09.2020 | 21:00 | 21:15 | 2.084 |
| 24.09.2020 | 21:15 | 21:30 | 2.015 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.09.2020 | 21:30 | 21:45 | 1.908 |
| 24.09.2020 | 21:45 | 22:00 | 1.824 |
| 24.09.2020 | 22:00 | 22:15 | 1.705 |
| 24.09.2020 | 22:15 | 22:30 | 1.626 |
| 24.09.2020 | 22:30 | 22:45 | 1.567 |
| 24.09.2020 | 22:45 | 23:00 | 1.506 |
| 24.09.2020 | 23:00 | 23:15 | 1.457 |
| 24.09.2020 | 23:15 | 23:30 | 1.414 |
| 24.09.2020 | 23:30 | 23:45 | 1.369 |
| 24.09.2020 | 23:45 | 00:00 | 1.325 |
| 25.09.2020 | 00:00 | 00:15 | 1.290 |
| 25.09.2020 | 00:15 | 00:30 | 1.266 |
| 25.09.2020 | 00:30 | 00:45 | 1.244 |
| 25.09.2020 | 00:45 | 01:00 | 1.211 |
| 25.09.2020 | 01:00 | 01:15 | 1.192 |
| 25.09.2020 | 01:15 | 01:30 | 1.169 |
| 25.09.2020 | 01:30 | 01:45 | 1.151 |
| 25.09.2020 | 01:45 | 02:00 | 1.131 |
| 25.09.2020 | 02:00 | 02:15 | 1.115 |
| 25.09.2020 | 02:15 | 02:30 | 1.106 |
| 25.09.2020 | 02:30 | 02:45 | 1.094 |
| 25.09.2020 | 02:45 | 03:00 | 1.072 |
| 25.09.2020 | 03:00 | 03:15 | 1.080 |
| 25.09.2020 | 03:15 | 03:30 | 1.074 |
| 25.09.2020 | 03:30 | 03:45 | 1.071 |
| 25.09.2020 | 03:45 | 04:00 | 1.072 |
| 25.09.2020 | 04:00 | 04:15 | 1.090 |
| 25.09.2020 | 04:15 | 04:30 | 1.099 |
| 25.09.2020 | 04:30 | 04:45 | 1.121 |
| 25.09.2020 | 04:45 | 05:00 | 1.154 |
| 25.09.2020 | 05:00 | 05:15 | 1.206 |
| 25.09.2020 | 05:15 | 05:30 | 1.243 |
| 25.09.2020 | 05:30 | 05:45 | 1.314 |
| 25.09.2020 | 05:45 | 06:00 | 1.413 |
| 25.09.2020 | 06:00 | 06:15 | 1.499 |
| 25.09.2020 | 06:15 | 06:30 | 1.625 |
| 25.09.2020 | 06:30 | 06:45 | 1.727 |
| 25.09.2020 | 06:45 | 07:00 | 1.838 |
| 25.09.2020 | 07:00 | 07:15 | 1.893 |
| 25.09.2020 | 07:15 | 07:30 | 1.907 |
| 25.09.2020 | 07:30 | 07:45 | 1.942 |
| 25.09.2020 | 07:45 | 08:00 | 1.976 |
| 25.09.2020 | 08:00 | 08:15 | 2.029 |
| 25.09.2020 | 08:15 | 08:30 | 2.055 |
| 25.09.2020 | 08:30 | 08:45 | 2.068 |
| 25.09.2020 | 08:45 | 09:00 | 2.118 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.09.2020 | 09:00 | 09:15 | 2.150 |
| 25.09.2020 | 09:15 | 09:30 | 2.186 |
| 25.09.2020 | 09:30 | 09:45 | 2.186 |
| 25.09.2020 | 09:45 | 10:00 | 2.182 |
| 25.09.2020 | 10:00 | 10:15 | 2.202 |
| 25.09.2020 | 10:15 | 10:30 | 2.238 |
| 25.09.2020 | 10:30 | 10:45 | 2.289 |
| 25.09.2020 | 10:45 | 11:00 | 2.360 |
| 25.09.2020 | 11:00 | 11:15 | 2.366 |
| 25.09.2020 | 11:15 | 11:30 | 2.378 |
| 25.09.2020 | 11:30 | 11:45 | 2.438 |
| 25.09.2020 | 11:45 | 12:00 | 2.432 |
| 25.09.2020 | 12:00 | 12:15 | 2.465 |
| 25.09.2020 | 12:15 | 12:30 | 2.466 |
| 25.09.2020 | 12:30 | 12:45 | 2.465 |
| 25.09.2020 | 12:45 | 13:00 | 2.463 |
| 25.09.2020 | 13:00 | 13:15 | 2.479 |
| 25.09.2020 | 13:15 | 13:30 | 2.490 |
| 25.09.2020 | 13:30 | 13:45 | 2.444 |
| 25.09.2020 | 13:45 | 14:00 | 2.348 |
| 25.09.2020 | 14:00 | 14:15 | 2.330 |
| 25.09.2020 | 14:15 | 14:30 | 2.362 |
| 25.09.2020 | 14:30 | 14:45 | 2.288 |
| 25.09.2020 | 14:45 | 15:00 | 2.281 |
| 25.09.2020 | 15:00 | 15:15 | 2.295 |
| 25.09.2020 | 15:15 | 15:30 | 2.323 |
| 25.09.2020 | 15:30 | 15:45 | 2.290 |
| 25.09.2020 | 15:45 | 16:00 | 2.299 |
| 25.09.2020 | 16:00 | 16:15 | 2.322 |
| 25.09.2020 | 16:15 | 16:30 | 2.324 |
| 25.09.2020 | 16:30 | 16:45 | 2.240 |
| 25.09.2020 | 16:45 | 17:00 | 2.209 |
| 25.09.2020 | 17:00 | 17:15 | 2.243 |
| 25.09.2020 | 17:15 | 17:30 | 2.287 |
| 25.09.2020 | 17:30 | 17:45 | 2.285 |
| 25.09.2020 | 17:45 | 18:00 | 2.274 |
| 25.09.2020 | 18:00 | 18:15 | 2.274 |
| 25.09.2020 | 18:15 | 18:30 | 2.305 |
| 25.09.2020 | 18:30 | 18:45 | 2.299 |
| 25.09.2020 | 18:45 | 19:00 | 2.341 |
| 25.09.2020 | 19:00 | 19:15 | 2.362 |
| 25.09.2020 | 19:15 | 19:30 | 2.378 |
| 25.09.2020 | 19:30 | 19:45 | 2.436 |
| 25.09.2020 | 19:45 | 20:00 | 2.523 |
| 25.09.2020 | 20:00 | 20:15 | 2.455 |
| 25.09.2020 | 20:15 | 20:30 | 2.354 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.09.2020 | 20:30 | 20:45 | 2.252 |
| 25.09.2020 | 20:45 | 21:00 | 2.171 |
| 25.09.2020 | 21:00 | 21:15 | 2.105 |
| 25.09.2020 | 21:15 | 21:30 | 2.005 |
| 25.09.2020 | 21:30 | 21:45 | 1.895 |
| 25.09.2020 | 21:45 | 22:00 | 1.810 |
| 25.09.2020 | 22:00 | 22:15 | 1.741 |
| 25.09.2020 | 22:15 | 22:30 | 1.672 |
| 25.09.2020 | 22:30 | 22:45 | 1.632 |
| 25.09.2020 | 22:45 | 23:00 | 1.573 |
| 25.09.2020 | 23:00 | 23:15 | 1.525 |
| 25.09.2020 | 23:15 | 23:30 | 1.482 |
| 25.09.2020 | 23:30 | 23:45 | 1.430 |
| 25.09.2020 | 23:45 | 00:00 | 1.383 |
| 26.09.2020 | 00:00 | 00:15 | 1.333 |
| 26.09.2020 | 00:15 | 00:30 | 1.304 |
| 26.09.2020 | 00:30 | 00:45 | 1.274 |
| 26.09.2020 | 00:45 | 01:00 | 1.235 |
| 26.09.2020 | 01:00 | 01:15 | 1.202 |
| 26.09.2020 | 01:15 | 01:30 | 1.179 |
| 26.09.2020 | 01:30 | 01:45 | 1.153 |
| 26.09.2020 | 01:45 | 02:00 | 1.130 |
| 26.09.2020 | 02:00 | 02:15 | 1.114 |
| 26.09.2020 | 02:15 | 02:30 | 1.105 |
| 26.09.2020 | 02:30 | 02:45 | 1.091 |
| 26.09.2020 | 02:45 | 03:00 | 1.056 |
| 26.09.2020 | 03:00 | 03:15 | 1.030 |
| 26.09.2020 | 03:15 | 03:30 | 1.031 |
| 26.09.2020 | 03:30 | 03:45 | 1.029 |
| 26.09.2020 | 03:45 | 04:00 | 1.024 |
| 26.09.2020 | 04:00 | 04:15 | 1.019 |
| 26.09.2020 | 04:15 | 04:30 | 1.008 |
| 26.09.2020 | 04:30 | 04:45 | 1.019 |
| 26.09.2020 | 04:45 | 05:00 | 1.044 |
| 26.09.2020 | 05:00 | 05:15 | 1.046 |
| 26.09.2020 | 05:15 | 05:30 | 1.061 |
| 26.09.2020 | 05:30 | 05:45 | 1.085 |
| 26.09.2020 | 05:45 | 06:00 | 1.118 |
| 26.09.2020 | 06:00 | 06:15 | 1.155 |
| 26.09.2020 | 06:15 | 06:30 | 1.177 |
| 26.09.2020 | 06:30 | 06:45 | 1.209 |
| 26.09.2020 | 06:45 | 07:00 | 1.237 |
| 26.09.2020 | 07:00 | 07:15 | 1.256 |
| 26.09.2020 | 07:15 | 07:30 | 1.273 |
| 26.09.2020 | 07:30 | 07:45 | 1.322 |
| 26.09.2020 | 07:45 | 08:00 | 1.327 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.09.2020 | 08:00 | 08:15 | 1.399 |
| 26.09.2020 | 08:15 | 08:30 | 1.449 |
| 26.09.2020 | 08:30 | 08:45 | 1.505 |
| 26.09.2020 | 08:45 | 09:00 | 1.535 |
| 26.09.2020 | 09:00 | 09:15 | 1.600 |
| 26.09.2020 | 09:15 | 09:30 | 1.688 |
| 26.09.2020 | 09:30 | 09:45 | 1.742 |
| 26.09.2020 | 09:45 | 10:00 | 1.799 |
| 26.09.2020 | 10:00 | 10:15 | 1.843 |
| 26.09.2020 | 10:15 | 10:30 | 1.893 |
| 26.09.2020 | 10:30 | 10:45 | 1.941 |
| 26.09.2020 | 10:45 | 11:00 | 1.977 |
| 26.09.2020 | 11:00 | 11:15 | 2.007 |
| 26.09.2020 | 11:15 | 11:30 | 2.037 |
| 26.09.2020 | 11:30 | 11:45 | 2.025 |
| 26.09.2020 | 11:45 | 12:00 | 2.011 |
| 26.09.2020 | 12:00 | 12:15 | 2.032 |
| 26.09.2020 | 12:15 | 12:30 | 2.044 |
| 26.09.2020 | 12:30 | 12:45 | 2.052 |
| 26.09.2020 | 12:45 | 13:00 | 2.032 |
| 26.09.2020 | 13:00 | 13:15 | 2.028 |
| 26.09.2020 | 13:15 | 13:30 | 2.005 |
| 26.09.2020 | 13:30 | 13:45 | 2.027 |
| 26.09.2020 | 13:45 | 14:00 | 2.028 |
| 26.09.2020 | 14:00 | 14:15 | 2.005 |
| 26.09.2020 | 14:15 | 14:30 | 2.003 |
| 26.09.2020 | 14:30 | 14:45 | 1.994 |
| 26.09.2020 | 14:45 | 15:00 | 1.981 |
| 26.09.2020 | 15:00 | 15:15 | 2.014 |
| 26.09.2020 | 15:15 | 15:30 | 2.030 |
| 26.09.2020 | 15:30 | 15:45 | 2.004 |
| 26.09.2020 | 15:45 | 16:00 | 1.970 |
| 26.09.2020 | 16:00 | 16:15 | 1.992 |
| 26.09.2020 | 16:15 | 16:30 | 1.960 |
| 26.09.2020 | 16:30 | 16:45 | 1.937 |
| 26.09.2020 | 16:45 | 17:00 | 1.938 |
| 26.09.2020 | 17:00 | 17:15 | 1.944 |
| 26.09.2020 | 17:15 | 17:30 | 1.963 |
| 26.09.2020 | 17:30 | 17:45 | 2.004 |
| 26.09.2020 | 17:45 | 18:00 | 2.018 |
| 26.09.2020 | 18:00 | 18:15 | 2.019 |
| 26.09.2020 | 18:15 | 18:30 | 2.034 |
| 26.09.2020 | 18:30 | 18:45 | 2.037 |
| 26.09.2020 | 18:45 | 19:00 | 2.029 |
| 26.09.2020 | 19:00 | 19:15 | 2.095 |
| 26.09.2020 | 19:15 | 19:30 | 2.120 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.09.2020 | 19:30 | 19:45 | 2.116 |
| 26.09.2020 | 19:45 | 20:00 | 2.073 |
| 26.09.2020 | 20:00 | 20:15 | 2.035 |
| 26.09.2020 | 20:15 | 20:30 | 1.958 |
| 26.09.2020 | 20:30 | 20:45 | 1.895 |
| 26.09.2020 | 20:45 | 21:00 | 1.863 |
| 26.09.2020 | 21:00 | 21:15 | 1.786 |
| 26.09.2020 | 21:15 | 21:30 | 1.720 |
| 26.09.2020 | 21:30 | 21:45 | 1.656 |
| 26.09.2020 | 21:45 | 22:00 | 1.606 |
| 26.09.2020 | 22:00 | 22:15 | 1.567 |
| 26.09.2020 | 22:15 | 22:30 | 1.468 |
| 26.09.2020 | 22:30 | 22:45 | 1.402 |
| 26.09.2020 | 22:45 | 23:00 | 1.353 |
| 26.09.2020 | 23:00 | 23:15 | 1.303 |
| 26.09.2020 | 23:15 | 23:30 | 1.234 |
| 26.09.2020 | 23:30 | 23:45 | 1.199 |
| 26.09.2020 | 23:45 | 00:00 | 1.155 |
| 27.09.2020 | 00:00 | 00:15 | 1.116 |
| 27.09.2020 | 00:15 | 00:30 | 1.092 |
| 27.09.2020 | 00:30 | 00:45 | 1.064 |
| 27.09.2020 | 00:45 | 01:00 | 1.017 |
| 27.09.2020 | 01:00 | 01:15 | 971 |
| 27.09.2020 | 01:15 | 01:30 | 949 |
| 27.09.2020 | 01:30 | 01:45 | 944 |
| 27.09.2020 | 01:45 | 02:00 | 927 |
| 27.09.2020 | 02:00 | 02:15 | 917 |
| 27.09.2020 | 02:15 | 02:30 | 898 |
| 27.09.2020 | 02:30 | 02:45 | 890 |
| 27.09.2020 | 02:45 | 03:00 | 886 |
| 27.09.2020 | 03:00 | 03:15 | 874 |
| 27.09.2020 | 03:15 | 03:30 | 865 |
| 27.09.2020 | 03:30 | 03:45 | 865 |
| 27.09.2020 | 03:45 | 04:00 | 869 |
| 27.09.2020 | 04:00 | 04:15 | 869 |
| 27.09.2020 | 04:15 | 04:30 | 867 |
| 27.09.2020 | 04:30 | 04:45 | 865 |
| 27.09.2020 | 04:45 | 05:00 | 869 |
| 27.09.2020 | 05:00 | 05:15 | 882 |
| 27.09.2020 | 05:15 | 05:30 | 896 |
| 27.09.2020 | 05:30 | 05:45 | 896 |
| 27.09.2020 | 05:45 | 06:00 | 904 |
| 27.09.2020 | 06:00 | 06:15 | 915 |
| 27.09.2020 | 06:15 | 06:30 | 933 |
| 27.09.2020 | 06:30 | 06:45 | 947 |
| 27.09.2020 | 06:45 | 07:00 | 958 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.09.2020 | 07:00 | 07:15 | 961 |
| 27.09.2020 | 07:15 | 07:30 | 964 |
| 27.09.2020 | 07:30 | 07:45 | 1.001 |
| 27.09.2020 | 07:45 | 08:00 | 1.049 |
| 27.09.2020 | 08:00 | 08:15 | 1.088 |
| 27.09.2020 | 08:15 | 08:30 | 1.142 |
| 27.09.2020 | 08:30 | 08:45 | 1.204 |
| 27.09.2020 | 08:45 | 09:00 | 1.265 |
| 27.09.2020 | 09:00 | 09:15 | 1.337 |
| 27.09.2020 | 09:15 | 09:30 | 1.398 |
| 27.09.2020 | 09:30 | 09:45 | 1.460 |
| 27.09.2020 | 09:45 | 10:00 | 1.514 |
| 27.09.2020 | 10:00 | 10:15 | 1.567 |
| 27.09.2020 | 10:15 | 10:30 | 1.661 |
| 27.09.2020 | 10:30 | 10:45 | 1.710 |
| 27.09.2020 | 10:45 | 11:00 | 1.744 |
| 27.09.2020 | 11:00 | 11:15 | 1.835 |
| 27.09.2020 | 11:15 | 11:30 | 1.881 |
| 27.09.2020 | 11:30 | 11:45 | 1.922 |
| 27.09.2020 | 11:45 | 12:00 | 1.939 |
| 27.09.2020 | 12:00 | 12:15 | 1.968 |
| 27.09.2020 | 12:15 | 12:30 | 1.920 |
| 27.09.2020 | 12:30 | 12:45 | 1.906 |
| 27.09.2020 | 12:45 | 13:00 | 1.863 |
| 27.09.2020 | 13:00 | 13:15 | 1.841 |
| 27.09.2020 | 13:15 | 13:30 | 1.812 |
| 27.09.2020 | 13:30 | 13:45 | 1.779 |
| 27.09.2020 | 13:45 | 14:00 | 1.751 |
| 27.09.2020 | 14:00 | 14:15 | 1.709 |
| 27.09.2020 | 14:15 | 14:30 | 1.682 |
| 27.09.2020 | 14:30 | 14:45 | 1.680 |
| 27.09.2020 | 14:45 | 15:00 | 1.667 |
| 27.09.2020 | 15:00 | 15:15 | 1.671 |
| 27.09.2020 | 15:15 | 15:30 | 1.691 |
| 27.09.2020 | 15:30 | 15:45 | 1.714 |
| 27.09.2020 | 15:45 | 16:00 | 1.687 |
| 27.09.2020 | 16:00 | 16:15 | 1.678 |
| 27.09.2020 | 16:15 | 16:30 | 1.645 |
| 27.09.2020 | 16:30 | 16:45 | 1.642 |
| 27.09.2020 | 16:45 | 17:00 | 1.611 |
| 27.09.2020 | 17:00 | 17:15 | 1.626 |
| 27.09.2020 | 17:15 | 17:30 | 1.627 |
| 27.09.2020 | 17:30 | 17:45 | 1.643 |
| 27.09.2020 | 17:45 | 18:00 | 1.664 |
| 27.09.2020 | 18:00 | 18:15 | 1.676 |
| 27.09.2020 | 18:15 | 18:30 | 1.687 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.09.2020 | 18:30 | 18:45 | 1.701 |
| 27.09.2020 | 18:45 | 19:00 | 1.718 |
| 27.09.2020 | 19:00 | 19:15 | 1.755 |
| 27.09.2020 | 19:15 | 19:30 | 1.788 |
| 27.09.2020 | 19:30 | 19:45 | 1.894 |
| 27.09.2020 | 19:45 | 20:00 | 1.957 |
| 27.09.2020 | 20:00 | 20:15 | 1.915 |
| 27.09.2020 | 20:15 | 20:30 | 1.854 |
| 27.09.2020 | 20:30 | 20:45 | 1.787 |
| 27.09.2020 | 20:45 | 21:00 | 1.723 |
| 27.09.2020 | 21:00 | 21:15 | 1.639 |
| 27.09.2020 | 21:15 | 21:30 | 1.609 |
| 27.09.2020 | 21:30 | 21:45 | 1.554 |
| 27.09.2020 | 21:45 | 22:00 | 1.495 |
| 27.09.2020 | 22:00 | 22:15 | 1.487 |
| 27.09.2020 | 22:15 | 22:30 | 1.447 |
| 27.09.2020 | 22:30 | 22:45 | 1.387 |
| 27.09.2020 | 22:45 | 23:00 | 1.339 |
| 27.09.2020 | 23:00 | 23:15 | 1.290 |
| 27.09.2020 | 23:15 | 23:30 | 1.243 |
| 27.09.2020 | 23:30 | 23:45 | 1.195 |
| 27.09.2020 | 23:45 | 00:00 | 1.157 |
| 28.09.2020 | 00:00 | 00:15 | 1.118 |
| 28.09.2020 | 00:15 | 00:30 | 1.108 |
| 28.09.2020 | 00:30 | 00:45 | 1.077 |
| 28.09.2020 | 00:45 | 01:00 | 1.054 |
| 28.09.2020 | 01:00 | 01:15 | 1.042 |
| 28.09.2020 | 01:15 | 01:30 | 1.025 |
| 28.09.2020 | 01:30 | 01:45 | 1.005 |
| 28.09.2020 | 01:45 | 02:00 | 998 |
| 28.09.2020 | 02:00 | 02:15 | 996 |
| 28.09.2020 | 02:15 | 02:30 | 983 |
| 28.09.2020 | 02:30 | 02:45 | 973 |
| 28.09.2020 | 02:45 | 03:00 | 970 |
| 28.09.2020 | 03:00 | 03:15 | 972 |
| 28.09.2020 | 03:15 | 03:30 | 973 |
| 28.09.2020 | 03:30 | 03:45 | 995 |
| 28.09.2020 | 03:45 | 04:00 | 1.011 |
| 28.09.2020 | 04:00 | 04:15 | 1.025 |
| 28.09.2020 | 04:15 | 04:30 | 1.063 |
| 28.09.2020 | 04:30 | 04:45 | 1.099 |
| 28.09.2020 | 04:45 | 05:00 | 1.129 |
| 28.09.2020 | 05:00 | 05:15 | 1.138 |
| 28.09.2020 | 05:15 | 05:30 | 1.178 |
| 28.09.2020 | 05:30 | 05:45 | 1.254 |
| 28.09.2020 | 05:45 | 06:00 | 1.350 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.09.2020 | 06:00 | 06:15 | 1.497 |
| 28.09.2020 | 06:15 | 06:30 | 1.647 |
| 28.09.2020 | 06:30 | 06:45 | 1.760 |
| 28.09.2020 | 06:45 | 07:00 | 1.855 |
| 28.09.2020 | 07:00 | 07:15 | 1.995 |
| 28.09.2020 | 07:15 | 07:30 | 2.037 |
| 28.09.2020 | 07:30 | 07:45 | 2.060 |
| 28.09.2020 | 07:45 | 08:00 | 2.065 |
| 28.09.2020 | 08:00 | 08:15 | 2.142 |
| 28.09.2020 | 08:15 | 08:30 | 2.188 |
| 28.09.2020 | 08:30 | 08:45 | 2.213 |
| 28.09.2020 | 08:45 | 09:00 | 2.207 |
| 28.09.2020 | 09:00 | 09:15 | 2.253 |
| 28.09.2020 | 09:15 | 09:30 | 2.293 |
| 28.09.2020 | 09:30 | 09:45 | 2.314 |
| 28.09.2020 | 09:45 | 10:00 | 2.354 |
| 28.09.2020 | 10:00 | 10:15 | 2.406 |
| 28.09.2020 | 10:15 | 10:30 | 2.418 |
| 28.09.2020 | 10:30 | 10:45 | 2.419 |
| 28.09.2020 | 10:45 | 11:00 | 2.475 |
| 28.09.2020 | 11:00 | 11:15 | 2.506 |
| 28.09.2020 | 11:15 | 11:30 | 2.526 |
| 28.09.2020 | 11:30 | 11:45 | 2.554 |
| 28.09.2020 | 11:45 | 12:00 | 2.589 |
| 28.09.2020 | 12:00 | 12:15 | 2.608 |
| 28.09.2020 | 12:15 | 12:30 | 2.608 |
| 28.09.2020 | 12:30 | 12:45 | 2.602 |
| 28.09.2020 | 12:45 | 13:00 | 2.617 |
| 28.09.2020 | 13:00 | 13:15 | 2.613 |
| 28.09.2020 | 13:15 | 13:30 | 2.599 |
| 28.09.2020 | 13:30 | 13:45 | 2.556 |
| 28.09.2020 | 13:45 | 14:00 | 2.525 |
| 28.09.2020 | 14:00 | 14:15 | 2.519 |
| 28.09.2020 | 14:15 | 14:30 | 2.494 |
| 28.09.2020 | 14:30 | 14:45 | 2.491 |
| 28.09.2020 | 14:45 | 15:00 | 2.441 |
| 28.09.2020 | 15:00 | 15:15 | 2.419 |
| 28.09.2020 | 15:15 | 15:30 | 2.404 |
| 28.09.2020 | 15:30 | 15:45 | 2.377 |
| 28.09.2020 | 15:45 | 16:00 | 2.331 |
| 28.09.2020 | 16:00 | 16:15 | 2.374 |
| 28.09.2020 | 16:15 | 16:30 | 2.380 |
| 28.09.2020 | 16:30 | 16:45 | 2.361 |
| 28.09.2020 | 16:45 | 17:00 | 2.341 |
| 28.09.2020 | 17:00 | 17:15 | 2.333 |
| 28.09.2020 | 17:15 | 17:30 | 2.369 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.09.2020 | 17:30 | 17:45 | 2.372 |
| 28.09.2020 | 17:45 | 18:00 | 2.389 |
| 28.09.2020 | 18:00 | 18:15 | 2.388 |
| 28.09.2020 | 18:15 | 18:30 | 2.450 |
| 28.09.2020 | 18:30 | 18:45 | 2.445 |
| 28.09.2020 | 18:45 | 19:00 | 2.484 |
| 28.09.2020 | 19:00 | 19:15 | 2.489 |
| 28.09.2020 | 19:15 | 19:30 | 2.519 |
| 28.09.2020 | 19:30 | 19:45 | 2.610 |
| 28.09.2020 | 19:45 | 20:00 | 2.586 |
| 28.09.2020 | 20:00 | 20:15 | 2.473 |
| 28.09.2020 | 20:15 | 20:30 | 2.335 |
| 28.09.2020 | 20:30 | 20:45 | 2.261 |
| 28.09.2020 | 20:45 | 21:00 | 2.173 |
| 28.09.2020 | 21:00 | 21:15 | 2.091 |
| 28.09.2020 | 21:15 | 21:30 | 2.017 |
| 28.09.2020 | 21:30 | 21:45 | 1.928 |
| 28.09.2020 | 21:45 | 22:00 | 1.789 |
| 28.09.2020 | 22:00 | 22:15 | 1.693 |
| 28.09.2020 | 22:15 | 22:30 | 1.636 |
| 28.09.2020 | 22:30 | 22:45 | 1.623 |
| 28.09.2020 | 22:45 | 23:00 | 1.587 |
| 28.09.2020 | 23:00 | 23:15 | 1.536 |
| 28.09.2020 | 23:15 | 23:30 | 1.479 |
| 28.09.2020 | 23:30 | 23:45 | 1.410 |
| 28.09.2020 | 23:45 | 00:00 | 1.359 |
| 29.09.2020 | 00:00 | 00:15 | 1.321 |
| 29.09.2020 | 00:15 | 00:30 | 1.294 |
| 29.09.2020 | 00:30 | 00:45 | 1.269 |
| 29.09.2020 | 00:45 | 01:00 | 1.226 |
| 29.09.2020 | 01:00 | 01:15 | 1.171 |
| 29.09.2020 | 01:15 | 01:30 | 1.143 |
| 29.09.2020 | 01:30 | 01:45 | 1.134 |
| 29.09.2020 | 01:45 | 02:00 | 1.122 |
| 29.09.2020 | 02:00 | 02:15 | 1.122 |
| 29.09.2020 | 02:15 | 02:30 | 1.113 |
| 29.09.2020 | 02:30 | 02:45 | 1.100 |
| 29.09.2020 | 02:45 | 03:00 | 1.085 |
| 29.09.2020 | 03:00 | 03:15 | 1.088 |
| 29.09.2020 | 03:15 | 03:30 | 1.080 |
| 29.09.2020 | 03:30 | 03:45 | 1.075 |
| 29.09.2020 | 03:45 | 04:00 | 1.066 |
| 29.09.2020 | 04:00 | 04:15 | 1.086 |
| 29.09.2020 | 04:15 | 04:30 | 1.089 |
| 29.09.2020 | 04:30 | 04:45 | 1.120 |
| 29.09.2020 | 04:45 | 05:00 | 1.139 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.09.2020 | 05:00 | 05:15 | 1.191 |
| 29.09.2020 | 05:15 | 05:30 | 1.224 |
| 29.09.2020 | 05:30 | 05:45 | 1.290 |
| 29.09.2020 | 05:45 | 06:00 | 1.371 |
| 29.09.2020 | 06:00 | 06:15 | 1.518 |
| 29.09.2020 | 06:15 | 06:30 | 1.667 |
| 29.09.2020 | 06:30 | 06:45 | 1.768 |
| 29.09.2020 | 06:45 | 07:00 | 1.872 |
| 29.09.2020 | 07:00 | 07:15 | 1.970 |
| 29.09.2020 | 07:15 | 07:30 | 2.014 |
| 29.09.2020 | 07:30 | 07:45 | 2.031 |
| 29.09.2020 | 07:45 | 08:00 | 2.031 |
| 29.09.2020 | 08:00 | 08:15 | 2.087 |
| 29.09.2020 | 08:15 | 08:30 | 2.145 |
| 29.09.2020 | 08:30 | 08:45 | 2.182 |
| 29.09.2020 | 08:45 | 09:00 | 2.246 |
| 29.09.2020 | 09:00 | 09:15 | 2.306 |
| 29.09.2020 | 09:15 | 09:30 | 2.299 |
| 29.09.2020 | 09:30 | 09:45 | 2.366 |
| 29.09.2020 | 09:45 | 10:00 | 2.403 |
| 29.09.2020 | 10:00 | 10:15 | 2.443 |
| 29.09.2020 | 10:15 | 10:30 | 2.498 |
| 29.09.2020 | 10:30 | 10:45 | 2.507 |
| 29.09.2020 | 10:45 | 11:00 | 2.547 |
| 29.09.2020 | 11:00 | 11:15 | 2.558 |
| 29.09.2020 | 11:15 | 11:30 | 2.662 |
| 29.09.2020 | 11:30 | 11:45 | 2.695 |
| 29.09.2020 | 11:45 | 12:00 | 2.724 |
| 29.09.2020 | 12:00 | 12:15 | 2.751 |
| 29.09.2020 | 12:15 | 12:30 | 2.761 |
| 29.09.2020 | 12:30 | 12:45 | 2.734 |
| 29.09.2020 | 12:45 | 13:00 | 2.741 |
| 29.09.2020 | 13:00 | 13:15 | 2.709 |
| 29.09.2020 | 13:15 | 13:30 | 2.659 |
| 29.09.2020 | 13:30 | 13:45 | 2.611 |
| 29.09.2020 | 13:45 | 14:00 | 2.580 |
| 29.09.2020 | 14:00 | 14:15 | 2.566 |
| 29.09.2020 | 14:15 | 14:30 | 2.581 |
| 29.09.2020 | 14:30 | 14:45 | 2.525 |
| 29.09.2020 | 14:45 | 15:00 | 2.525 |
| 29.09.2020 | 15:00 | 15:15 | 2.529 |
| 29.09.2020 | 15:15 | 15:30 | 2.533 |
| 29.09.2020 | 15:30 | 15:45 | 2.505 |
| 29.09.2020 | 15:45 | 16:00 | 2.474 |
| 29.09.2020 | 16:00 | 16:15 | 2.523 |
| 29.09.2020 | 16:15 | 16:30 | 2.508 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.09.2020 | 16:30 | 16:45 | 2.526 |
| 29.09.2020 | 16:45 | 17:00 | 2.492 |
| 29.09.2020 | 17:00 | 17:15 | 2.479 |
| 29.09.2020 | 17:15 | 17:30 | 2.484 |
| 29.09.2020 | 17:30 | 17:45 | 2.480 |
| 29.09.2020 | 17:45 | 18:00 | 2.494 |
| 29.09.2020 | 18:00 | 18:15 | 2.541 |
| 29.09.2020 | 18:15 | 18:30 | 2.577 |
| 29.09.2020 | 18:30 | 18:45 | 2.579 |
| 29.09.2020 | 18:45 | 19:00 | 2.640 |
| 29.09.2020 | 19:00 | 19:15 | 2.609 |
| 29.09.2020 | 19:15 | 19:30 | 2.613 |
| 29.09.2020 | 19:30 | 19:45 | 2.704 |
| 29.09.2020 | 19:45 | 20:00 | 2.701 |
| 29.09.2020 | 20:00 | 20:15 | 2.537 |
| 29.09.2020 | 20:15 | 20:30 | 2.404 |
| 29.09.2020 | 20:30 | 20:45 | 2.274 |
| 29.09.2020 | 20:45 | 21:00 | 2.160 |
| 29.09.2020 | 21:00 | 21:15 | 2.086 |
| 29.09.2020 | 21:15 | 21:30 | 1.982 |
| 29.09.2020 | 21:30 | 21:45 | 1.869 |
| 29.09.2020 | 21:45 | 22:00 | 1.755 |
| 29.09.2020 | 22:00 | 22:15 | 1.684 |
| 29.09.2020 | 22:15 | 22:30 | 1.656 |
| 29.09.2020 | 22:30 | 22:45 | 1.593 |
| 29.09.2020 | 22:45 | 23:00 | 1.529 |
| 29.09.2020 | 23:00 | 23:15 | 1.459 |
| 29.09.2020 | 23:15 | 23:30 | 1.396 |
| 29.09.2020 | 23:30 | 23:45 | 1.344 |
| 29.09.2020 | 23:45 | 00:00 | 1.294 |
| 30.09.2020 | 00:00 | 00:15 | 1.250 |
| 30.09.2020 | 00:15 | 00:30 | 1.219 |
| 30.09.2020 | 00:30 | 00:45 | 1.180 |
| 30.09.2020 | 00:45 | 01:00 | 1.165 |
| 30.09.2020 | 01:00 | 01:15 | 1.159 |
| 30.09.2020 | 01:15 | 01:30 | 1.142 |
| 30.09.2020 | 01:30 | 01:45 | 1.133 |
| 30.09.2020 | 01:45 | 02:00 | 1.119 |
| 30.09.2020 | 02:00 | 02:15 | 1.111 |
| 30.09.2020 | 02:15 | 02:30 | 1.099 |
| 30.09.2020 | 02:30 | 02:45 | 1.077 |
| 30.09.2020 | 02:45 | 03:00 | 1.058 |
| 30.09.2020 | 03:00 | 03:15 | 1.054 |
| 30.09.2020 | 03:15 | 03:30 | 1.048 |
| 30.09.2020 | 03:30 | 03:45 | 1.050 |
| 30.09.2020 | 03:45 | 04:00 | 1.051 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.09.2020 | 04:00 | 04:15 | 1.063 |
| 30.09.2020 | 04:15 | 04:30 | 1.081 |
| 30.09.2020 | 04:30 | 04:45 | 1.119 |
| 30.09.2020 | 04:45 | 05:00 | 1.138 |
| 30.09.2020 | 05:00 | 05:15 | 1.190 |
| 30.09.2020 | 05:15 | 05:30 | 1.235 |
| 30.09.2020 | 05:30 | 05:45 | 1.320 |
| 30.09.2020 | 05:45 | 06:00 | 1.401 |
| 30.09.2020 | 06:00 | 06:15 | 1.516 |
| 30.09.2020 | 06:15 | 06:30 | 1.659 |
| 30.09.2020 | 06:30 | 06:45 | 1.756 |
| 30.09.2020 | 06:45 | 07:00 | 1.880 |
| 30.09.2020 | 07:00 | 07:15 | 2.025 |
| 30.09.2020 | 07:15 | 07:30 | 2.024 |
| 30.09.2020 | 07:30 | 07:45 | 2.074 |
| 30.09.2020 | 07:45 | 08:00 | 2.081 |
| 30.09.2020 | 08:00 | 08:15 | 2.158 |
| 30.09.2020 | 08:15 | 08:30 | 2.183 |
| 30.09.2020 | 08:30 | 08:45 | 2.220 |
| 30.09.2020 | 08:45 | 09:00 | 2.237 |
| 30.09.2020 | 09:00 | 09:15 | 2.298 |
| 30.09.2020 | 09:15 | 09:30 | 2.310 |
| 30.09.2020 | 09:30 | 09:45 | 2.328 |
| 30.09.2020 | 09:45 | 10:00 | 2.329 |
| 30.09.2020 | 10:00 | 10:15 | 2.338 |
| 30.09.2020 | 10:15 | 10:30 | 2.372 |
| 30.09.2020 | 10:30 | 10:45 | 2.361 |
| 30.09.2020 | 10:45 | 11:00 | 2.444 |
| 30.09.2020 | 11:00 | 11:15 | 2.505 |
| 30.09.2020 | 11:15 | 11:30 | 2.490 |
| 30.09.2020 | 11:30 | 11:45 | 2.476 |
| 30.09.2020 | 11:45 | 12:00 | 2.502 |
| 30.09.2020 | 12:00 | 12:15 | 2.517 |
| 30.09.2020 | 12:15 | 12:30 | 2.498 |
| 30.09.2020 | 12:30 | 12:45 | 2.492 |
| 30.09.2020 | 12:45 | 13:00 | 2.530 |
| 30.09.2020 | 13:00 | 13:15 | 2.536 |
| 30.09.2020 | 13:15 | 13:30 | 2.503 |
| 30.09.2020 | 13:30 | 13:45 | 2.414 |
| 30.09.2020 | 13:45 | 14:00 | 2.386 |
| 30.09.2020 | 14:00 | 14:15 | 2.401 |
| 30.09.2020 | 14:15 | 14:30 | 2.384 |
| 30.09.2020 | 14:30 | 14:45 | 2.360 |
| 30.09.2020 | 14:45 | 15:00 | 2.354 |
| 30.09.2020 | 15:00 | 15:15 | 2.370 |
| 30.09.2020 | 15:15 | 15:30 | 2.318 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.09.2020 | 15:30 | 15:45 | 2.294 |
| 30.09.2020 | 15:45 | 16:00 | 2.320 |
| 30.09.2020 | 16:00 | 16:15 | 2.340 |
| 30.09.2020 | 16:15 | 16:30 | 2.303 |
| 30.09.2020 | 16:30 | 16:45 | 2.293 |
| 30.09.2020 | 16:45 | 17:00 | 2.343 |
| 30.09.2020 | 17:00 | 17:15 | 2.382 |
| 30.09.2020 | 17:15 | 17:30 | 2.408 |
| 30.09.2020 | 17:30 | 17:45 | 2.402 |
| 30.09.2020 | 17:45 | 18:00 | 2.425 |
| 30.09.2020 | 18:00 | 18:15 | 2.443 |
| 30.09.2020 | 18:15 | 18:30 | 2.527 |
| 30.09.2020 | 18:30 | 18:45 | 2.569 |
| 30.09.2020 | 18:45 | 19:00 | 2.637 |
| 30.09.2020 | 19:00 | 19:15 | 2.658 |
| 30.09.2020 | 19:15 | 19:30 | 2.670 |
| 30.09.2020 | 19:30 | 19:45 | 2.746 |
| 30.09.2020 | 19:45 | 20:00 | 2.709 |
| 30.09.2020 | 20:00 | 20:15 | 2.575 |
| 30.09.2020 | 20:15 | 20:30 | 2.460 |
| 30.09.2020 | 20:30 | 20:45 | 2.369 |
| 30.09.2020 | 20:45 | 21:00 | 2.306 |
| 30.09.2020 | 21:00 | 21:15 | 2.190 |
| 30.09.2020 | 21:15 | 21:30 | 2.111 |
| 30.09.2020 | 21:30 | 21:45 | 1.924 |
| 30.09.2020 | 21:45 | 22:00 | 1.799 |
| 30.09.2020 | 22:00 | 22:15 | 1.749 |
| 30.09.2020 | 22:15 | 22:30 | 1.709 |
| 30.09.2020 | 22:30 | 22:45 | 1.649 |
| 30.09.2020 | 22:45 | 23:00 | 1.575 |
| 30.09.2020 | 23:00 | 23:15 | 1.497 |
| 30.09.2020 | 23:15 | 23:30 | 1.441 |
| 30.09.2020 | 23:30 | 23:45 | 1.389 |
| 30.09.2020 | 23:45 | 00:00 | 1.347 |
| 01.10.2020 | 00:00 | 00:15 | 1.310 |
| 01.10.2020 | 00:15 | 00:30 | 1.256 |
| 01.10.2020 | 00:30 | 00:45 | 1.235 |
| 01.10.2020 | 00:45 | 01:00 | 1.189 |
| 01.10.2020 | 01:00 | 01:15 | 1.152 |
| 01.10.2020 | 01:15 | 01:30 | 1.141 |
| 01.10.2020 | 01:30 | 01:45 | 1.138 |
| 01.10.2020 | 01:45 | 02:00 | 1.112 |
| 01.10.2020 | 02:00 | 02:15 | 1.096 |
| 01.10.2020 | 02:15 | 02:30 | 1.103 |
| 01.10.2020 | 02:30 | 02:45 | 1.082 |
| 01.10.2020 | 02:45 | 03:00 | 1.069 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.10.2020 | 03:00 | 03:15 | 1.082 |
| 01.10.2020 | 03:15 | 03:30 | 1.065 |
| 01.10.2020 | 03:30 | 03:45 | 1.063 |
| 01.10.2020 | 03:45 | 04:00 | 1.110 |
| 01.10.2020 | 04:00 | 04:15 | 1.137 |
| 01.10.2020 | 04:15 | 04:30 | 1.161 |
| 01.10.2020 | 04:30 | 04:45 | 1.187 |
| 01.10.2020 | 04:45 | 05:00 | 1.223 |
| 01.10.2020 | 05:00 | 05:15 | 1.276 |
| 01.10.2020 | 05:15 | 05:30 | 1.301 |
| 01.10.2020 | 05:30 | 05:45 | 1.374 |
| 01.10.2020 | 05:45 | 06:00 | 1.477 |
| 01.10.2020 | 06:00 | 06:15 | 1.591 |
| 01.10.2020 | 06:15 | 06:30 | 1.752 |
| 01.10.2020 | 06:30 | 06:45 | 1.882 |
| 01.10.2020 | 06:45 | 07:00 | 2.001 |
| 01.10.2020 | 07:00 | 07:15 | 2.099 |
| 01.10.2020 | 07:15 | 07:30 | 2.057 |
| 01.10.2020 | 07:30 | 07:45 | 2.047 |
| 01.10.2020 | 07:45 | 08:00 | 2.112 |
| 01.10.2020 | 08:00 | 08:15 | 2.193 |
| 01.10.2020 | 08:15 | 08:30 | 2.221 |
| 01.10.2020 | 08:30 | 08:45 | 2.244 |
| 01.10.2020 | 08:45 | 09:00 | 2.264 |
| 01.10.2020 | 09:00 | 09:15 | 2.320 |
| 01.10.2020 | 09:15 | 09:30 | 2.325 |
| 01.10.2020 | 09:30 | 09:45 | 2.350 |
| 01.10.2020 | 09:45 | 10:00 | 2.315 |
| 01.10.2020 | 10:00 | 10:15 | 2.286 |
| 01.10.2020 | 10:15 | 10:30 | 2.289 |
| 01.10.2020 | 10:30 | 10:45 | 2.361 |
| 01.10.2020 | 10:45 | 11:00 | 2.440 |
| 01.10.2020 | 11:00 | 11:15 | 2.469 |
| 01.10.2020 | 11:15 | 11:30 | 2.501 |
| 01.10.2020 | 11:30 | 11:45 | 2.513 |
| 01.10.2020 | 11:45 | 12:00 | 2.543 |
| 01.10.2020 | 12:00 | 12:15 | 2.604 |
| 01.10.2020 | 12:15 | 12:30 | 2.672 |
| 01.10.2020 | 12:30 | 12:45 | 2.690 |
| 01.10.2020 | 12:45 | 13:00 | 2.647 |
| 01.10.2020 | 13:00 | 13:15 | 2.601 |
| 01.10.2020 | 13:15 | 13:30 | 2.567 |
| 01.10.2020 | 13:30 | 13:45 | 2.568 |
| 01.10.2020 | 13:45 | 14:00 | 2.546 |
| 01.10.2020 | 14:00 | 14:15 | 2.537 |
| 01.10.2020 | 14:15 | 14:30 | 2.545 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.10.2020 | 14:30 | 14:45 | 2.539 |
| 01.10.2020 | 14:45 | 15:00 | 2.549 |
| 01.10.2020 | 15:00 | 15:15 | 2.551 |
| 01.10.2020 | 15:15 | 15:30 | 2.482 |
| 01.10.2020 | 15:30 | 15:45 | 2.504 |
| 01.10.2020 | 15:45 | 16:00 | 2.519 |
| 01.10.2020 | 16:00 | 16:15 | 2.536 |
| 01.10.2020 | 16:15 | 16:30 | 2.540 |
| 01.10.2020 | 16:30 | 16:45 | 2.525 |
| 01.10.2020 | 16:45 | 17:00 | 2.528 |
| 01.10.2020 | 17:00 | 17:15 | 2.500 |
| 01.10.2020 | 17:15 | 17:30 | 2.486 |
| 01.10.2020 | 17:30 | 17:45 | 2.494 |
| 01.10.2020 | 17:45 | 18:00 | 2.501 |
| 01.10.2020 | 18:00 | 18:15 | 2.517 |
| 01.10.2020 | 18:15 | 18:30 | 2.494 |
| 01.10.2020 | 18:30 | 18:45 | 2.516 |
| 01.10.2020 | 18:45 | 19:00 | 2.580 |
| 01.10.2020 | 19:00 | 19:15 | 2.639 |
| 01.10.2020 | 19:15 | 19:30 | 2.669 |
| 01.10.2020 | 19:30 | 19:45 | 2.728 |
| 01.10.2020 | 19:45 | 20:00 | 2.699 |
| 01.10.2020 | 20:00 | 20:15 | 2.569 |
| 01.10.2020 | 20:15 | 20:30 | 2.470 |
| 01.10.2020 | 20:30 | 20:45 | 2.378 |
| 01.10.2020 | 20:45 | 21:00 | 2.256 |
| 01.10.2020 | 21:00 | 21:15 | 2.177 |
| 01.10.2020 | 21:15 | 21:30 | 2.088 |
| 01.10.2020 | 21:30 | 21:45 | 1.965 |
| 01.10.2020 | 21:45 | 22:00 | 1.853 |
| 01.10.2020 | 22:00 | 22:15 | 1.752 |
| 01.10.2020 | 22:15 | 22:30 | 1.656 |
| 01.10.2020 | 22:30 | 22:45 | 1.631 |
| 01.10.2020 | 22:45 | 23:00 | 1.580 |
| 01.10.2020 | 23:00 | 23:15 | 1.494 |
| 01.10.2020 | 23:15 | 23:30 | 1.425 |
| 01.10.2020 | 23:30 | 23:45 | 1.375 |
| 01.10.2020 | 23:45 | 00:00 | 1.327 |
| 02.10.2020 | 00:00 | 00:15 | 1.301 |
| 02.10.2020 | 00:15 | 00:30 | 1.268 |
| 02.10.2020 | 00:30 | 00:45 | 1.239 |
| 02.10.2020 | 00:45 | 01:00 | 1.207 |
| 02.10.2020 | 01:00 | 01:15 | 1.178 |
| 02.10.2020 | 01:15 | 01:30 | 1.160 |
| 02.10.2020 | 01:30 | 01:45 | 1.155 |
| 02.10.2020 | 01:45 | 02:00 | 1.140 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.10.2020 | 02:00 | 02:15 | 1.146 |
| 02.10.2020 | 02:15 | 02:30 | 1.137 |
| 02.10.2020 | 02:30 | 02:45 | 1.139 |
| 02.10.2020 | 02:45 | 03:00 | 1.122 |
| 02.10.2020 | 03:00 | 03:15 | 1.108 |
| 02.10.2020 | 03:15 | 03:30 | 1.102 |
| 02.10.2020 | 03:30 | 03:45 | 1.121 |
| 02.10.2020 | 03:45 | 04:00 | 1.123 |
| 02.10.2020 | 04:00 | 04:15 | 1.145 |
| 02.10.2020 | 04:15 | 04:30 | 1.157 |
| 02.10.2020 | 04:30 | 04:45 | 1.194 |
| 02.10.2020 | 04:45 | 05:00 | 1.210 |
| 02.10.2020 | 05:00 | 05:15 | 1.234 |
| 02.10.2020 | 05:15 | 05:30 | 1.277 |
| 02.10.2020 | 05:30 | 05:45 | 1.347 |
| 02.10.2020 | 05:45 | 06:00 | 1.400 |
| 02.10.2020 | 06:00 | 06:15 | 1.486 |
| 02.10.2020 | 06:15 | 06:30 | 1.616 |
| 02.10.2020 | 06:30 | 06:45 | 1.729 |
| 02.10.2020 | 06:45 | 07:00 | 1.830 |
| 02.10.2020 | 07:00 | 07:15 | 1.968 |
| 02.10.2020 | 07:15 | 07:30 | 2.029 |
| 02.10.2020 | 07:30 | 07:45 | 2.059 |
| 02.10.2020 | 07:45 | 08:00 | 2.100 |
| 02.10.2020 | 08:00 | 08:15 | 2.229 |
| 02.10.2020 | 08:15 | 08:30 | 2.279 |
| 02.10.2020 | 08:30 | 08:45 | 2.318 |
| 02.10.2020 | 08:45 | 09:00 | 2.324 |
| 02.10.2020 | 09:00 | 09:15 | 2.328 |
| 02.10.2020 | 09:15 | 09:30 | 2.364 |
| 02.10.2020 | 09:30 | 09:45 | 2.375 |
| 02.10.2020 | 09:45 | 10:00 | 2.424 |
| 02.10.2020 | 10:00 | 10:15 | 2.423 |
| 02.10.2020 | 10:15 | 10:30 | 2.442 |
| 02.10.2020 | 10:30 | 10:45 | 2.447 |
| 02.10.2020 | 10:45 | 11:00 | 2.463 |
| 02.10.2020 | 11:00 | 11:15 | 2.490 |
| 02.10.2020 | 11:15 | 11:30 | 2.502 |
| 02.10.2020 | 11:30 | 11:45 | 2.553 |
| 02.10.2020 | 11:45 | 12:00 | 2.540 |
| 02.10.2020 | 12:00 | 12:15 | 2.548 |
| 02.10.2020 | 12:15 | 12:30 | 2.584 |
| 02.10.2020 | 12:30 | 12:45 | 2.590 |
| 02.10.2020 | 12:45 | 13:00 | 2.588 |
| 02.10.2020 | 13:00 | 13:15 | 2.600 |
| 02.10.2020 | 13:15 | 13:30 | 2.588 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.10.2020 | 13:30 | 13:45 | 2.532 |
| 02.10.2020 | 13:45 | 14:00 | 2.510 |
| 02.10.2020 | 14:00 | 14:15 | 2.491 |
| 02.10.2020 | 14:15 | 14:30 | 2.475 |
| 02.10.2020 | 14:30 | 14:45 | 2.434 |
| 02.10.2020 | 14:45 | 15:00 | 2.406 |
| 02.10.2020 | 15:00 | 15:15 | 2.354 |
| 02.10.2020 | 15:15 | 15:30 | 2.265 |
| 02.10.2020 | 15:30 | 15:45 | 2.224 |
| 02.10.2020 | 15:45 | 16:00 | 2.202 |
| 02.10.2020 | 16:00 | 16:15 | 2.205 |
| 02.10.2020 | 16:15 | 16:30 | 2.212 |
| 02.10.2020 | 16:30 | 16:45 | 2.201 |
| 02.10.2020 | 16:45 | 17:00 | 2.194 |
| 02.10.2020 | 17:00 | 17:15 | 2.210 |
| 02.10.2020 | 17:15 | 17:30 | 2.220 |
| 02.10.2020 | 17:30 | 17:45 | 2.241 |
| 02.10.2020 | 17:45 | 18:00 | 2.250 |
| 02.10.2020 | 18:00 | 18:15 | 2.287 |
| 02.10.2020 | 18:15 | 18:30 | 2.330 |
| 02.10.2020 | 18:30 | 18:45 | 2.403 |
| 02.10.2020 | 18:45 | 19:00 | 2.432 |
| 02.10.2020 | 19:00 | 19:15 | 2.492 |
| 02.10.2020 | 19:15 | 19:30 | 2.550 |
| 02.10.2020 | 19:30 | 19:45 | 2.547 |
| 02.10.2020 | 19:45 | 20:00 | 2.525 |
| 02.10.2020 | 20:00 | 20:15 | 2.403 |
| 02.10.2020 | 20:15 | 20:30 | 2.318 |
| 02.10.2020 | 20:30 | 20:45 | 2.250 |
| 02.10.2020 | 20:45 | 21:00 | 2.173 |
| 02.10.2020 | 21:00 | 21:15 | 2.107 |
| 02.10.2020 | 21:15 | 21:30 | 2.020 |
| 02.10.2020 | 21:30 | 21:45 | 1.916 |
| 02.10.2020 | 21:45 | 22:00 | 1.836 |
| 02.10.2020 | 22:00 | 22:15 | 1.796 |
| 02.10.2020 | 22:15 | 22:30 | 1.727 |
| 02.10.2020 | 22:30 | 22:45 | 1.682 |
| 02.10.2020 | 22:45 | 23:00 | 1.620 |
| 02.10.2020 | 23:00 | 23:15 | 1.545 |
| 02.10.2020 | 23:15 | 23:30 | 1.478 |
| 02.10.2020 | 23:30 | 23:45 | 1.433 |
| 02.10.2020 | 23:45 | 00:00 | 1.386 |
| 03.10.2020 | 00:00 | 00:15 | 1.326 |
| 03.10.2020 | 00:15 | 00:30 | 1.289 |
| 03.10.2020 | 00:30 | 00:45 | 1.260 |
| 03.10.2020 | 00:45 | 01:00 | 1.254 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.10.2020 | 01:00 | 01:15 | 1.236 |
| 03.10.2020 | 01:15 | 01:30 | 1.202 |
| 03.10.2020 | 01:30 | 01:45 | 1.178 |
| 03.10.2020 | 01:45 | 02:00 | 1.154 |
| 03.10.2020 | 02:00 | 02:15 | 1.144 |
| 03.10.2020 | 02:15 | 02:30 | 1.128 |
| 03.10.2020 | 02:30 | 02:45 | 1.127 |
| 03.10.2020 | 02:45 | 03:00 | 1.117 |
| 03.10.2020 | 03:00 | 03:15 | 1.088 |
| 03.10.2020 | 03:15 | 03:30 | 1.072 |
| 03.10.2020 | 03:30 | 03:45 | 1.068 |
| 03.10.2020 | 03:45 | 04:00 | 1.062 |
| 03.10.2020 | 04:00 | 04:15 | 1.062 |
| 03.10.2020 | 04:15 | 04:30 | 1.057 |
| 03.10.2020 | 04:30 | 04:45 | 1.054 |
| 03.10.2020 | 04:45 | 05:00 | 1.064 |
| 03.10.2020 | 05:00 | 05:15 | 1.070 |
| 03.10.2020 | 05:15 | 05:30 | 1.056 |
| 03.10.2020 | 05:30 | 05:45 | 1.071 |
| 03.10.2020 | 05:45 | 06:00 | 1.080 |
| 03.10.2020 | 06:00 | 06:15 | 1.089 |
| 03.10.2020 | 06:15 | 06:30 | 1.105 |
| 03.10.2020 | 06:30 | 06:45 | 1.116 |
| 03.10.2020 | 06:45 | 07:00 | 1.144 |
| 03.10.2020 | 07:00 | 07:15 | 1.178 |
| 03.10.2020 | 07:15 | 07:30 | 1.185 |
| 03.10.2020 | 07:30 | 07:45 | 1.203 |
| 03.10.2020 | 07:45 | 08:00 | 1.246 |
| 03.10.2020 | 08:00 | 08:15 | 1.303 |
| 03.10.2020 | 08:15 | 08:30 | 1.361 |
| 03.10.2020 | 08:30 | 08:45 | 1.443 |
| 03.10.2020 | 08:45 | 09:00 | 1.524 |
| 03.10.2020 | 09:00 | 09:15 | 1.590 |
| 03.10.2020 | 09:15 | 09:30 | 1.667 |
| 03.10.2020 | 09:30 | 09:45 | 1.729 |
| 03.10.2020 | 09:45 | 10:00 | 1.794 |
| 03.10.2020 | 10:00 | 10:15 | 1.863 |
| 03.10.2020 | 10:15 | 10:30 | 1.916 |
| 03.10.2020 | 10:30 | 10:45 | 1.936 |
| 03.10.2020 | 10:45 | 11:00 | 1.921 |
| 03.10.2020 | 11:00 | 11:15 | 1.968 |
| 03.10.2020 | 11:15 | 11:30 | 1.993 |
| 03.10.2020 | 11:30 | 11:45 | 2.033 |
| 03.10.2020 | 11:45 | 12:00 | 2.060 |
| 03.10.2020 | 12:00 | 12:15 | 2.059 |
| 03.10.2020 | 12:15 | 12:30 | 2.078 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.10.2020 | 12:30 | 12:45 | 2.074 |
| 03.10.2020 | 12:45 | 13:00 | 2.098 |
| 03.10.2020 | 13:00 | 13:15 | 2.080 |
| 03.10.2020 | 13:15 | 13:30 | 2.077 |
| 03.10.2020 | 13:30 | 13:45 | 2.059 |
| 03.10.2020 | 13:45 | 14:00 | 2.053 |
| 03.10.2020 | 14:00 | 14:15 | 2.008 |
| 03.10.2020 | 14:15 | 14:30 | 2.014 |
| 03.10.2020 | 14:30 | 14:45 | 2.018 |
| 03.10.2020 | 14:45 | 15:00 | 2.016 |
| 03.10.2020 | 15:00 | 15:15 | 1.975 |
| 03.10.2020 | 15:15 | 15:30 | 1.949 |
| 03.10.2020 | 15:30 | 15:45 | 1.904 |
| 03.10.2020 | 15:45 | 16:00 | 1.925 |
| 03.10.2020 | 16:00 | 16:15 | 1.951 |
| 03.10.2020 | 16:15 | 16:30 | 1.944 |
| 03.10.2020 | 16:30 | 16:45 | 1.938 |
| 03.10.2020 | 16:45 | 17:00 | 1.885 |
| 03.10.2020 | 17:00 | 17:15 | 1.901 |
| 03.10.2020 | 17:15 | 17:30 | 1.906 |
| 03.10.2020 | 17:30 | 17:45 | 1.977 |
| 03.10.2020 | 17:45 | 18:00 | 1.978 |
| 03.10.2020 | 18:00 | 18:15 | 1.944 |
| 03.10.2020 | 18:15 | 18:30 | 1.942 |
| 03.10.2020 | 18:30 | 18:45 | 1.942 |
| 03.10.2020 | 18:45 | 19:00 | 1.905 |
| 03.10.2020 | 19:00 | 19:15 | 1.918 |
| 03.10.2020 | 19:15 | 19:30 | 1.958 |
| 03.10.2020 | 19:30 | 19:45 | 1.984 |
| 03.10.2020 | 19:45 | 20:00 | 1.973 |
| 03.10.2020 | 20:00 | 20:15 | 1.942 |
| 03.10.2020 | 20:15 | 20:30 | 1.840 |
| 03.10.2020 | 20:30 | 20:45 | 1.788 |
| 03.10.2020 | 20:45 | 21:00 | 1.734 |
| 03.10.2020 | 21:00 | 21:15 | 1.691 |
| 03.10.2020 | 21:15 | 21:30 | 1.634 |
| 03.10.2020 | 21:30 | 21:45 | 1.582 |
| 03.10.2020 | 21:45 | 22:00 | 1.578 |
| 03.10.2020 | 22:00 | 22:15 | 1.588 |
| 03.10.2020 | 22:15 | 22:30 | 1.539 |
| 03.10.2020 | 22:30 | 22:45 | 1.505 |
| 03.10.2020 | 22:45 | 23:00 | 1.449 |
| 03.10.2020 | 23:00 | 23:15 | 1.401 |
| 03.10.2020 | 23:15 | 23:30 | 1.368 |
| 03.10.2020 | 23:30 | 23:45 | 1.323 |
| 03.10.2020 | 23:45 | 00:00 | 1.270 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.10.2020 | 00:00 | 00:15 | 1.238 |
| 04.10.2020 | 00:15 | 00:30 | 1.196 |
| 04.10.2020 | 00:30 | 00:45 | 1.163 |
| 04.10.2020 | 00:45 | 01:00 | 1.134 |
| 04.10.2020 | 01:00 | 01:15 | 1.098 |
| 04.10.2020 | 01:15 | 01:30 | 1.067 |
| 04.10.2020 | 01:30 | 01:45 | 1.052 |
| 04.10.2020 | 01:45 | 02:00 | 1.031 |
| 04.10.2020 | 02:00 | 02:15 | 1.024 |
| 04.10.2020 | 02:15 | 02:30 | 1.014 |
| 04.10.2020 | 02:30 | 02:45 | 1.008 |
| 04.10.2020 | 02:45 | 03:00 | 1.000 |
| 04.10.2020 | 03:00 | 03:15 | 985 |
| 04.10.2020 | 03:15 | 03:30 | 978 |
| 04.10.2020 | 03:30 | 03:45 | 976 |
| 04.10.2020 | 03:45 | 04:00 | 973 |
| 04.10.2020 | 04:00 | 04:15 | 960 |
| 04.10.2020 | 04:15 | 04:30 | 943 |
| 04.10.2020 | 04:30 | 04:45 | 943 |
| 04.10.2020 | 04:45 | 05:00 | 942 |
| 04.10.2020 | 05:00 | 05:15 | 952 |
| 04.10.2020 | 05:15 | 05:30 | 964 |
| 04.10.2020 | 05:30 | 05:45 | 982 |
| 04.10.2020 | 05:45 | 06:00 | 1.007 |
| 04.10.2020 | 06:00 | 06:15 | 1.020 |
| 04.10.2020 | 06:15 | 06:30 | 1.027 |
| 04.10.2020 | 06:30 | 06:45 | 1.038 |
| 04.10.2020 | 06:45 | 07:00 | 1.050 |
| 04.10.2020 | 07:00 | 07:15 | 1.090 |
| 04.10.2020 | 07:15 | 07:30 | 1.093 |
| 04.10.2020 | 07:30 | 07:45 | 1.103 |
| 04.10.2020 | 07:45 | 08:00 | 1.137 |
| 04.10.2020 | 08:00 | 08:15 | 1.210 |
| 04.10.2020 | 08:15 | 08:30 | 1.251 |
| 04.10.2020 | 08:30 | 08:45 | 1.315 |
| 04.10.2020 | 08:45 | 09:00 | 1.347 |
| 04.10.2020 | 09:00 | 09:15 | 1.415 |
| 04.10.2020 | 09:15 | 09:30 | 1.521 |
| 04.10.2020 | 09:30 | 09:45 | 1.611 |
| 04.10.2020 | 09:45 | 10:00 | 1.657 |
| 04.10.2020 | 10:00 | 10:15 | 1.711 |
| 04.10.2020 | 10:15 | 10:30 | 1.694 |
| 04.10.2020 | 10:30 | 10:45 | 1.725 |
| 04.10.2020 | 10:45 | 11:00 | 1.779 |
| 04.10.2020 | 11:00 | 11:15 | 1.845 |
| 04.10.2020 | 11:15 | 11:30 | 1.870 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.10.2020 | 11:30 | 11:45 | 1.941 |
| 04.10.2020 | 11:45 | 12:00 | 1.978 |
| 04.10.2020 | 12:00 | 12:15 | 2.007 |
| 04.10.2020 | 12:15 | 12:30 | 2.090 |
| 04.10.2020 | 12:30 | 12:45 | 2.053 |
| 04.10.2020 | 12:45 | 13:00 | 2.107 |
| 04.10.2020 | 13:00 | 13:15 | 2.073 |
| 04.10.2020 | 13:15 | 13:30 | 1.986 |
| 04.10.2020 | 13:30 | 13:45 | 1.944 |
| 04.10.2020 | 13:45 | 14:00 | 1.939 |
| 04.10.2020 | 14:00 | 14:15 | 1.872 |
| 04.10.2020 | 14:15 | 14:30 | 1.873 |
| 04.10.2020 | 14:30 | 14:45 | 1.833 |
| 04.10.2020 | 14:45 | 15:00 | 1.804 |
| 04.10.2020 | 15:00 | 15:15 | 1.789 |
| 04.10.2020 | 15:15 | 15:30 | 1.764 |
| 04.10.2020 | 15:30 | 15:45 | 1.785 |
| 04.10.2020 | 15:45 | 16:00 | 1.798 |
| 04.10.2020 | 16:00 | 16:15 | 1.788 |
| 04.10.2020 | 16:15 | 16:30 | 1.790 |
| 04.10.2020 | 16:30 | 16:45 | 1.817 |
| 04.10.2020 | 16:45 | 17:00 | 1.808 |
| 04.10.2020 | 17:00 | 17:15 | 1.866 |
| 04.10.2020 | 17:15 | 17:30 | 1.875 |
| 04.10.2020 | 17:30 | 17:45 | 1.878 |
| 04.10.2020 | 17:45 | 18:00 | 1.909 |
| 04.10.2020 | 18:00 | 18:15 | 1.938 |
| 04.10.2020 | 18:15 | 18:30 | 1.900 |
| 04.10.2020 | 18:30 | 18:45 | 1.871 |
| 04.10.2020 | 18:45 | 19:00 | 1.919 |
| 04.10.2020 | 19:00 | 19:15 | 1.978 |
| 04.10.2020 | 19:15 | 19:30 | 2.007 |
| 04.10.2020 | 19:30 | 19:45 | 2.031 |
| 04.10.2020 | 19:45 | 20:00 | 1.994 |
| 04.10.2020 | 20:00 | 20:15 | 1.999 |
| 04.10.2020 | 20:15 | 20:30 | 1.921 |
| 04.10.2020 | 20:30 | 20:45 | 1.841 |
| 04.10.2020 | 20:45 | 21:00 | 1.754 |
| 04.10.2020 | 21:00 | 21:15 | 1.711 |
| 04.10.2020 | 21:15 | 21:30 | 1.658 |
| 04.10.2020 | 21:30 | 21:45 | 1.646 |
| 04.10.2020 | 21:45 | 22:00 | 1.607 |
| 04.10.2020 | 22:00 | 22:15 | 1.604 |
| 04.10.2020 | 22:15 | 22:30 | 1.542 |
| 04.10.2020 | 22:30 | 22:45 | 1.509 |
| 04.10.2020 | 22:45 | 23:00 | 1.453 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 04.10.2020 | 23:00 | 23:15 | 1.392 |
| 04.10.2020 | 23:15 | 23:30 | 1.349 |
| 04.10.2020 | 23:30 | 23:45 | 1.303 |
| 04.10.2020 | 23:45 | 00:00 | 1.218 |
| 05.10.2020 | 00:00 | 00:15 | 1.161 |
| 05.10.2020 | 00:15 | 00:30 | 1.139 |
| 05.10.2020 | 00:30 | 00:45 | 1.100 |
| 05.10.2020 | 00:45 | 01:00 | 1.072 |
| 05.10.2020 | 01:00 | 01:15 | 1.058 |
| 05.10.2020 | 01:15 | 01:30 | 1.044 |
| 05.10.2020 | 01:30 | 01:45 | 1.021 |
| 05.10.2020 | 01:45 | 02:00 | 1.002 |
| 05.10.2020 | 02:00 | 02:15 | 998 |
| 05.10.2020 | 02:15 | 02:30 | 988 |
| 05.10.2020 | 02:30 | 02:45 | 990 |
| 05.10.2020 | 02:45 | 03:00 | 983 |
| 05.10.2020 | 03:00 | 03:15 | 953 |
| 05.10.2020 | 03:15 | 03:30 | 948 |
| 05.10.2020 | 03:30 | 03:45 | 957 |
| 05.10.2020 | 03:45 | 04:00 | 973 |
| 05.10.2020 | 04:00 | 04:15 | 990 |
| 05.10.2020 | 04:15 | 04:30 | 1.006 |
| 05.10.2020 | 04:30 | 04:45 | 1.034 |
| 05.10.2020 | 04:45 | 05:00 | 1.069 |
| 05.10.2020 | 05:00 | 05:15 | 1.115 |
| 05.10.2020 | 05:15 | 05:30 | 1.150 |
| 05.10.2020 | 05:30 | 05:45 | 1.240 |
| 05.10.2020 | 05:45 | 06:00 | 1.316 |
| 05.10.2020 | 06:00 | 06:15 | 1.474 |
| 05.10.2020 | 06:15 | 06:30 | 1.638 |
| 05.10.2020 | 06:30 | 06:45 | 1.761 |
| 05.10.2020 | 06:45 | 07:00 | 1.853 |
| 05.10.2020 | 07:00 | 07:15 | 1.991 |
| 05.10.2020 | 07:15 | 07:30 | 2.013 |
| 05.10.2020 | 07:30 | 07:45 | 2.007 |
| 05.10.2020 | 07:45 | 08:00 | 2.054 |
| 05.10.2020 | 08:00 | 08:15 | 2.123 |
| 05.10.2020 | 08:15 | 08:30 | 2.113 |
| 05.10.2020 | 08:30 | 08:45 | 2.187 |
| 05.10.2020 | 08:45 | 09:00 | 2.224 |
| 05.10.2020 | 09:00 | 09:15 | 2.255 |
| 05.10.2020 | 09:15 | 09:30 | 2.299 |
| 05.10.2020 | 09:30 | 09:45 | 2.352 |
| 05.10.2020 | 09:45 | 10:00 | 2.379 |
| 05.10.2020 | 10:00 | 10:15 | 2.382 |
| 05.10.2020 | 10:15 | 10:30 | 2.375 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.10.2020 | 10:30 | 10:45 | 2.407 |
| 05.10.2020 | 10:45 | 11:00 | 2.423 |
| 05.10.2020 | 11:00 | 11:15 | 2.463 |
| 05.10.2020 | 11:15 | 11:30 | 2.494 |
| 05.10.2020 | 11:30 | 11:45 | 2.499 |
| 05.10.2020 | 11:45 | 12:00 | 2.561 |
| 05.10.2020 | 12:00 | 12:15 | 2.586 |
| 05.10.2020 | 12:15 | 12:30 | 2.584 |
| 05.10.2020 | 12:30 | 12:45 | 2.582 |
| 05.10.2020 | 12:45 | 13:00 | 2.593 |
| 05.10.2020 | 13:00 | 13:15 | 2.583 |
| 05.10.2020 | 13:15 | 13:30 | 2.528 |
| 05.10.2020 | 13:30 | 13:45 | 2.477 |
| 05.10.2020 | 13:45 | 14:00 | 2.419 |
| 05.10.2020 | 14:00 | 14:15 | 2.409 |
| 05.10.2020 | 14:15 | 14:30 | 2.408 |
| 05.10.2020 | 14:30 | 14:45 | 2.377 |
| 05.10.2020 | 14:45 | 15:00 | 2.344 |
| 05.10.2020 | 15:00 | 15:15 | 2.335 |
| 05.10.2020 | 15:15 | 15:30 | 2.326 |
| 05.10.2020 | 15:30 | 15:45 | 2.355 |
| 05.10.2020 | 15:45 | 16:00 | 2.369 |
| 05.10.2020 | 16:00 | 16:15 | 2.385 |
| 05.10.2020 | 16:15 | 16:30 | 2.407 |
| 05.10.2020 | 16:30 | 16:45 | 2.376 |
| 05.10.2020 | 16:45 | 17:00 | 2.376 |
| 05.10.2020 | 17:00 | 17:15 | 2.377 |
| 05.10.2020 | 17:15 | 17:30 | 2.351 |
| 05.10.2020 | 17:30 | 17:45 | 2.368 |
| 05.10.2020 | 17:45 | 18:00 | 2.392 |
| 05.10.2020 | 18:00 | 18:15 | 2.443 |
| 05.10.2020 | 18:15 | 18:30 | 2.405 |
| 05.10.2020 | 18:30 | 18:45 | 2.496 |
| 05.10.2020 | 18:45 | 19:00 | 2.552 |
| 05.10.2020 | 19:00 | 19:15 | 2.652 |
| 05.10.2020 | 19:15 | 19:30 | 2.726 |
| 05.10.2020 | 19:30 | 19:45 | 2.758 |
| 05.10.2020 | 19:45 | 20:00 | 2.678 |
| 05.10.2020 | 20:00 | 20:15 | 2.541 |
| 05.10.2020 | 20:15 | 20:30 | 2.418 |
| 05.10.2020 | 20:30 | 20:45 | 2.305 |
| 05.10.2020 | 20:45 | 21:00 | 2.230 |
| 05.10.2020 | 21:00 | 21:15 | 2.167 |
| 05.10.2020 | 21:15 | 21:30 | 2.062 |
| 05.10.2020 | 21:30 | 21:45 | 1.970 |
| 05.10.2020 | 21:45 | 22:00 | 1.894 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.10.2020 | 22:00 | 22:15 | 1.832 |
| 05.10.2020 | 22:15 | 22:30 | 1.789 |
| 05.10.2020 | 22:30 | 22:45 | 1.723 |
| 05.10.2020 | 22:45 | 23:00 | 1.656 |
| 05.10.2020 | 23:00 | 23:15 | 1.600 |
| 05.10.2020 | 23:15 | 23:30 | 1.542 |
| 05.10.2020 | 23:30 | 23:45 | 1.475 |
| 05.10.2020 | 23:45 | 00:00 | 1.411 |
| 06.10.2020 | 00:00 | 00:15 | 1.361 |
| 06.10.2020 | 00:15 | 00:30 | 1.321 |
| 06.10.2020 | 00:30 | 00:45 | 1.247 |
| 06.10.2020 | 00:45 | 01:00 | 1.211 |
| 06.10.2020 | 01:00 | 01:15 | 1.189 |
| 06.10.2020 | 01:15 | 01:30 | 1.158 |
| 06.10.2020 | 01:30 | 01:45 | 1.139 |
| 06.10.2020 | 01:45 | 02:00 | 1.124 |
| 06.10.2020 | 02:00 | 02:15 | 1.103 |
| 06.10.2020 | 02:15 | 02:30 | 1.086 |
| 06.10.2020 | 02:30 | 02:45 | 1.083 |
| 06.10.2020 | 02:45 | 03:00 | 1.093 |
| 06.10.2020 | 03:00 | 03:15 | 1.096 |
| 06.10.2020 | 03:15 | 03:30 | 1.098 |
| 06.10.2020 | 03:30 | 03:45 | 1.097 |
| 06.10.2020 | 03:45 | 04:00 | 1.100 |
| 06.10.2020 | 04:00 | 04:15 | 1.128 |
| 06.10.2020 | 04:15 | 04:30 | 1.154 |
| 06.10.2020 | 04:30 | 04:45 | 1.194 |
| 06.10.2020 | 04:45 | 05:00 | 1.201 |
| 06.10.2020 | 05:00 | 05:15 | 1.254 |
| 06.10.2020 | 05:15 | 05:30 | 1.292 |
| 06.10.2020 | 05:30 | 05:45 | 1.360 |
| 06.10.2020 | 05:45 | 06:00 | 1.456 |
| 06.10.2020 | 06:00 | 06:15 | 1.600 |
| 06.10.2020 | 06:15 | 06:30 | 1.741 |
| 06.10.2020 | 06:30 | 06:45 | 1.849 |
| 06.10.2020 | 06:45 | 07:00 | 1.954 |
| 06.10.2020 | 07:00 | 07:15 | 2.067 |
| 06.10.2020 | 07:15 | 07:30 | 2.091 |
| 06.10.2020 | 07:30 | 07:45 | 2.087 |
| 06.10.2020 | 07:45 | 08:00 | 2.142 |
| 06.10.2020 | 08:00 | 08:15 | 2.185 |
| 06.10.2020 | 08:15 | 08:30 | 2.195 |
| 06.10.2020 | 08:30 | 08:45 | 2.226 |
| 06.10.2020 | 08:45 | 09:00 | 2.233 |
| 06.10.2020 | 09:00 | 09:15 | 2.259 |
| 06.10.2020 | 09:15 | 09:30 | 2.298 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.10.2020 | 09:30 | 09:45 | 2.332 |
| 06.10.2020 | 09:45 | 10:00 | 2.291 |
| 06.10.2020 | 10:00 | 10:15 | 2.345 |
| 06.10.2020 | 10:15 | 10:30 | 2.389 |
| 06.10.2020 | 10:30 | 10:45 | 2.436 |
| 06.10.2020 | 10:45 | 11:00 | 2.479 |
| 06.10.2020 | 11:00 | 11:15 | 2.483 |
| 06.10.2020 | 11:15 | 11:30 | 2.475 |
| 06.10.2020 | 11:30 | 11:45 | 2.511 |
| 06.10.2020 | 11:45 | 12:00 | 2.564 |
| 06.10.2020 | 12:00 | 12:15 | 2.572 |
| 06.10.2020 | 12:15 | 12:30 | 2.586 |
| 06.10.2020 | 12:30 | 12:45 | 2.575 |
| 06.10.2020 | 12:45 | 13:00 | 2.547 |
| 06.10.2020 | 13:00 | 13:15 | 2.558 |
| 06.10.2020 | 13:15 | 13:30 | 2.559 |
| 06.10.2020 | 13:30 | 13:45 | 2.490 |
| 06.10.2020 | 13:45 | 14:00 | 2.465 |
| 06.10.2020 | 14:00 | 14:15 | 2.393 |
| 06.10.2020 | 14:15 | 14:30 | 2.408 |
| 06.10.2020 | 14:30 | 14:45 | 2.402 |
| 06.10.2020 | 14:45 | 15:00 | 2.325 |
| 06.10.2020 | 15:00 | 15:15 | 2.308 |
| 06.10.2020 | 15:15 | 15:30 | 2.263 |
| 06.10.2020 | 15:30 | 15:45 | 2.228 |
| 06.10.2020 | 15:45 | 16:00 | 2.268 |
| 06.10.2020 | 16:00 | 16:15 | 2.277 |
| 06.10.2020 | 16:15 | 16:30 | 2.287 |
| 06.10.2020 | 16:30 | 16:45 | 2.299 |
| 06.10.2020 | 16:45 | 17:00 | 2.283 |
| 06.10.2020 | 17:00 | 17:15 | 2.270 |
| 06.10.2020 | 17:15 | 17:30 | 2.300 |
| 06.10.2020 | 17:30 | 17:45 | 2.361 |
| 06.10.2020 | 17:45 | 18:00 | 2.394 |
| 06.10.2020 | 18:00 | 18:15 | 2.383 |
| 06.10.2020 | 18:15 | 18:30 | 2.380 |
| 06.10.2020 | 18:30 | 18:45 | 2.426 |
| 06.10.2020 | 18:45 | 19:00 | 2.519 |
| 06.10.2020 | 19:00 | 19:15 | 2.650 |
| 06.10.2020 | 19:15 | 19:30 | 2.794 |
| 06.10.2020 | 19:30 | 19:45 | 2.791 |
| 06.10.2020 | 19:45 | 20:00 | 2.727 |
| 06.10.2020 | 20:00 | 20:15 | 2.526 |
| 06.10.2020 | 20:15 | 20:30 | 2.406 |
| 06.10.2020 | 20:30 | 20:45 | 2.297 |
| 06.10.2020 | 20:45 | 21:00 | 2.184 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.10.2020 | 21:00 | 21:15 | 2.077 |
| 06.10.2020 | 21:15 | 21:30 | 1.976 |
| 06.10.2020 | 21:30 | 21:45 | 1.872 |
| 06.10.2020 | 21:45 | 22:00 | 1.762 |
| 06.10.2020 | 22:00 | 22:15 | 1.730 |
| 06.10.2020 | 22:15 | 22:30 | 1.670 |
| 06.10.2020 | 22:30 | 22:45 | 1.609 |
| 06.10.2020 | 22:45 | 23:00 | 1.529 |
| 06.10.2020 | 23:00 | 23:15 | 1.466 |
| 06.10.2020 | 23:15 | 23:30 | 1.402 |
| 06.10.2020 | 23:30 | 23:45 | 1.395 |
| 06.10.2020 | 23:45 | 00:00 | 1.417 |
| 07.10.2020 | 00:00 | 00:15 | 1.382 |
| 07.10.2020 | 00:15 | 00:30 | 1.338 |
| 07.10.2020 | 00:30 | 00:45 | 1.296 |
| 07.10.2020 | 00:45 | 01:00 | 1.265 |
| 07.10.2020 | 01:00 | 01:15 | 1.220 |
| 07.10.2020 | 01:15 | 01:30 | 1.202 |
| 07.10.2020 | 01:30 | 01:45 | 1.177 |
| 07.10.2020 | 01:45 | 02:00 | 1.160 |
| 07.10.2020 | 02:00 | 02:15 | 1.142 |
| 07.10.2020 | 02:15 | 02:30 | 1.120 |
| 07.10.2020 | 02:30 | 02:45 | 1.121 |
| 07.10.2020 | 02:45 | 03:00 | 1.126 |
| 07.10.2020 | 03:00 | 03:15 | 1.131 |
| 07.10.2020 | 03:15 | 03:30 | 1.126 |
| 07.10.2020 | 03:30 | 03:45 | 1.128 |
| 07.10.2020 | 03:45 | 04:00 | 1.136 |
| 07.10.2020 | 04:00 | 04:15 | 1.154 |
| 07.10.2020 | 04:15 | 04:30 | 1.174 |
| 07.10.2020 | 04:30 | 04:45 | 1.207 |
| 07.10.2020 | 04:45 | 05:00 | 1.247 |
| 07.10.2020 | 05:00 | 05:15 | 1.286 |
| 07.10.2020 | 05:15 | 05:30 | 1.316 |
| 07.10.2020 | 05:30 | 05:45 | 1.395 |
| 07.10.2020 | 05:45 | 06:00 | 1.451 |
| 07.10.2020 | 06:00 | 06:15 | 1.565 |
| 07.10.2020 | 06:15 | 06:30 | 1.716 |
| 07.10.2020 | 06:30 | 06:45 | 1.837 |
| 07.10.2020 | 06:45 | 07:00 | 1.943 |
| 07.10.2020 | 07:00 | 07:15 | 2.100 |
| 07.10.2020 | 07:15 | 07:30 | 2.169 |
| 07.10.2020 | 07:30 | 07:45 | 2.154 |
| 07.10.2020 | 07:45 | 08:00 | 2.194 |
| 07.10.2020 | 08:00 | 08:15 | 2.264 |
| 07.10.2020 | 08:15 | 08:30 | 2.326 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.10.2020 | 08:30 | 08:45 | 2.334 |
| 07.10.2020 | 08:45 | 09:00 | 2.397 |
| 07.10.2020 | 09:00 | 09:15 | 2.406 |
| 07.10.2020 | 09:15 | 09:30 | 2.436 |
| 07.10.2020 | 09:30 | 09:45 | 2.490 |
| 07.10.2020 | 09:45 | 10:00 | 2.559 |
| 07.10.2020 | 10:00 | 10:15 | 2.581 |
| 07.10.2020 | 10:15 | 10:30 | 2.618 |
| 07.10.2020 | 10:30 | 10:45 | 2.604 |
| 07.10.2020 | 10:45 | 11:00 | 2.606 |
| 07.10.2020 | 11:00 | 11:15 | 2.610 |
| 07.10.2020 | 11:15 | 11:30 | 2.616 |
| 07.10.2020 | 11:30 | 11:45 | 2.579 |
| 07.10.2020 | 11:45 | 12:00 | 2.614 |
| 07.10.2020 | 12:00 | 12:15 | 2.696 |
| 07.10.2020 | 12:15 | 12:30 | 2.705 |
| 07.10.2020 | 12:30 | 12:45 | 2.714 |
| 07.10.2020 | 12:45 | 13:00 | 2.706 |
| 07.10.2020 | 13:00 | 13:15 | 2.737 |
| 07.10.2020 | 13:15 | 13:30 | 2.735 |
| 07.10.2020 | 13:30 | 13:45 | 2.670 |
| 07.10.2020 | 13:45 | 14:00 | 2.612 |
| 07.10.2020 | 14:00 | 14:15 | 2.502 |
| 07.10.2020 | 14:15 | 14:30 | 2.471 |
| 07.10.2020 | 14:30 | 14:45 | 2.510 |
| 07.10.2020 | 14:45 | 15:00 | 2.450 |
| 07.10.2020 | 15:00 | 15:15 | 2.429 |
| 07.10.2020 | 15:15 | 15:30 | 2.415 |
| 07.10.2020 | 15:30 | 15:45 | 2.386 |
| 07.10.2020 | 15:45 | 16:00 | 2.385 |
| 07.10.2020 | 16:00 | 16:15 | 2.388 |
| 07.10.2020 | 16:15 | 16:30 | 2.438 |
| 07.10.2020 | 16:30 | 16:45 | 2.461 |
| 07.10.2020 | 16:45 | 17:00 | 2.501 |
| 07.10.2020 | 17:00 | 17:15 | 2.547 |
| 07.10.2020 | 17:15 | 17:30 | 2.524 |
| 07.10.2020 | 17:30 | 17:45 | 2.532 |
| 07.10.2020 | 17:45 | 18:00 | 2.518 |
| 07.10.2020 | 18:00 | 18:15 | 2.463 |
| 07.10.2020 | 18:15 | 18:30 | 2.458 |
| 07.10.2020 | 18:30 | 18:45 | 2.450 |
| 07.10.2020 | 18:45 | 19:00 | 2.527 |
| 07.10.2020 | 19:00 | 19:15 | 2.618 |
| 07.10.2020 | 19:15 | 19:30 | 2.698 |
| 07.10.2020 | 19:30 | 19:45 | 2.683 |
| 07.10.2020 | 19:45 | 20:00 | 2.622 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.10.2020 | 20:00 | 20:15 | 2.457 |
| 07.10.2020 | 20:15 | 20:30 | 2.380 |
| 07.10.2020 | 20:30 | 20:45 | 2.331 |
| 07.10.2020 | 20:45 | 21:00 | 2.224 |
| 07.10.2020 | 21:00 | 21:15 | 2.128 |
| 07.10.2020 | 21:15 | 21:30 | 2.115 |
| 07.10.2020 | 21:30 | 21:45 | 2.052 |
| 07.10.2020 | 21:45 | 22:00 | 1.947 |
| 07.10.2020 | 22:00 | 22:15 | 1.891 |
| 07.10.2020 | 22:15 | 22:30 | 1.855 |
| 07.10.2020 | 22:30 | 22:45 | 1.802 |
| 07.10.2020 | 22:45 | 23:00 | 1.725 |
| 07.10.2020 | 23:00 | 23:15 | 1.638 |
| 07.10.2020 | 23:15 | 23:30 | 1.566 |
| 07.10.2020 | 23:30 | 23:45 | 1.504 |
| 07.10.2020 | 23:45 | 00:00 | 1.444 |
| 08.10.2020 | 00:00 | 00:15 | 1.402 |
| 08.10.2020 | 00:15 | 00:30 | 1.366 |
| 08.10.2020 | 00:30 | 00:45 | 1.327 |
| 08.10.2020 | 00:45 | 01:00 | 1.282 |
| 08.10.2020 | 01:00 | 01:15 | 1.244 |
| 08.10.2020 | 01:15 | 01:30 | 1.220 |
| 08.10.2020 | 01:30 | 01:45 | 1.207 |
| 08.10.2020 | 01:45 | 02:00 | 1.192 |
| 08.10.2020 | 02:00 | 02:15 | 1.178 |
| 08.10.2020 | 02:15 | 02:30 | 1.164 |
| 08.10.2020 | 02:30 | 02:45 | 1.150 |
| 08.10.2020 | 02:45 | 03:00 | 1.141 |
| 08.10.2020 | 03:00 | 03:15 | 1.119 |
| 08.10.2020 | 03:15 | 03:30 | 1.114 |
| 08.10.2020 | 03:30 | 03:45 | 1.116 |
| 08.10.2020 | 03:45 | 04:00 | 1.124 |
| 08.10.2020 | 04:00 | 04:15 | 1.136 |
| 08.10.2020 | 04:15 | 04:30 | 1.166 |
| 08.10.2020 | 04:30 | 04:45 | 1.195 |
| 08.10.2020 | 04:45 | 05:00 | 1.209 |
| 08.10.2020 | 05:00 | 05:15 | 1.264 |
| 08.10.2020 | 05:15 | 05:30 | 1.323 |
| 08.10.2020 | 05:30 | 05:45 | 1.387 |
| 08.10.2020 | 05:45 | 06:00 | 1.458 |
| 08.10.2020 | 06:00 | 06:15 | 1.602 |
| 08.10.2020 | 06:15 | 06:30 | 1.759 |
| 08.10.2020 | 06:30 | 06:45 | 1.858 |
| 08.10.2020 | 06:45 | 07:00 | 1.973 |
| 08.10.2020 | 07:00 | 07:15 | 2.117 |
| 08.10.2020 | 07:15 | 07:30 | 2.155 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.10.2020 | 07:30 | 07:45 | 2.040 |
| 08.10.2020 | 07:45 | 08:00 | 2.066 |
| 08.10.2020 | 08:00 | 08:15 | 2.104 |
| 08.10.2020 | 08:15 | 08:30 | 2.172 |
| 08.10.2020 | 08:30 | 08:45 | 2.210 |
| 08.10.2020 | 08:45 | 09:00 | 2.237 |
| 08.10.2020 | 09:00 | 09:15 | 2.271 |
| 08.10.2020 | 09:15 | 09:30 | 2.353 |
| 08.10.2020 | 09:30 | 09:45 | 2.399 |
| 08.10.2020 | 09:45 | 10:00 | 2.405 |
| 08.10.2020 | 10:00 | 10:15 | 2.430 |
| 08.10.2020 | 10:15 | 10:30 | 2.407 |
| 08.10.2020 | 10:30 | 10:45 | 2.462 |
| 08.10.2020 | 10:45 | 11:00 | 2.552 |
| 08.10.2020 | 11:00 | 11:15 | 2.538 |
| 08.10.2020 | 11:15 | 11:30 | 2.577 |
| 08.10.2020 | 11:30 | 11:45 | 2.631 |
| 08.10.2020 | 11:45 | 12:00 | 2.671 |
| 08.10.2020 | 12:00 | 12:15 | 2.701 |
| 08.10.2020 | 12:15 | 12:30 | 2.738 |
| 08.10.2020 | 12:30 | 12:45 | 2.754 |
| 08.10.2020 | 12:45 | 13:00 | 2.766 |
| 08.10.2020 | 13:00 | 13:15 | 2.758 |
| 08.10.2020 | 13:15 | 13:30 | 2.703 |
| 08.10.2020 | 13:30 | 13:45 | 2.572 |
| 08.10.2020 | 13:45 | 14:00 | 2.602 |
| 08.10.2020 | 14:00 | 14:15 | 2.559 |
| 08.10.2020 | 14:15 | 14:30 | 2.537 |
| 08.10.2020 | 14:30 | 14:45 | 2.512 |
| 08.10.2020 | 14:45 | 15:00 | 2.477 |
| 08.10.2020 | 15:00 | 15:15 | 2.481 |
| 08.10.2020 | 15:15 | 15:30 | 2.507 |
| 08.10.2020 | 15:30 | 15:45 | 2.498 |
| 08.10.2020 | 15:45 | 16:00 | 2.500 |
| 08.10.2020 | 16:00 | 16:15 | 2.513 |
| 08.10.2020 | 16:15 | 16:30 | 2.495 |
| 08.10.2020 | 16:30 | 16:45 | 2.491 |
| 08.10.2020 | 16:45 | 17:00 | 2.468 |
| 08.10.2020 | 17:00 | 17:15 | 2.511 |
| 08.10.2020 | 17:15 | 17:30 | 2.526 |
| 08.10.2020 | 17:30 | 17:45 | 2.577 |
| 08.10.2020 | 17:45 | 18:00 | 2.595 |
| 08.10.2020 | 18:00 | 18:15 | 2.579 |
| 08.10.2020 | 18:15 | 18:30 | 2.628 |
| 08.10.2020 | 18:30 | 18:45 | 2.662 |
| 08.10.2020 | 18:45 | 19:00 | 2.745 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.10.2020 | 19:00 | 19:15 | 2.806 |
| 08.10.2020 | 19:15 | 19:30 | 2.820 |
| 08.10.2020 | 19:30 | 19:45 | 2.775 |
| 08.10.2020 | 19:45 | 20:00 | 2.718 |
| 08.10.2020 | 20:00 | 20:15 | 2.563 |
| 08.10.2020 | 20:15 | 20:30 | 2.461 |
| 08.10.2020 | 20:30 | 20:45 | 2.371 |
| 08.10.2020 | 20:45 | 21:00 | 2.262 |
| 08.10.2020 | 21:00 | 21:15 | 2.204 |
| 08.10.2020 | 21:15 | 21:30 | 2.102 |
| 08.10.2020 | 21:30 | 21:45 | 1.999 |
| 08.10.2020 | 21:45 | 22:00 | 1.909 |
| 08.10.2020 | 22:00 | 22:15 | 1.876 |
| 08.10.2020 | 22:15 | 22:30 | 1.805 |
| 08.10.2020 | 22:30 | 22:45 | 1.740 |
| 08.10.2020 | 22:45 | 23:00 | 1.663 |
| 08.10.2020 | 23:00 | 23:15 | 1.598 |
| 08.10.2020 | 23:15 | 23:30 | 1.535 |
| 08.10.2020 | 23:30 | 23:45 | 1.468 |
| 08.10.2020 | 23:45 | 00:00 | 1.425 |
| 09.10.2020 | 00:00 | 00:15 | 1.380 |
| 09.10.2020 | 00:15 | 00:30 | 1.344 |
| 09.10.2020 | 00:30 | 00:45 | 1.300 |
| 09.10.2020 | 00:45 | 01:00 | 1.270 |
| 09.10.2020 | 01:00 | 01:15 | 1.242 |
| 09.10.2020 | 01:15 | 01:30 | 1.217 |
| 09.10.2020 | 01:30 | 01:45 | 1.200 |
| 09.10.2020 | 01:45 | 02:00 | 1.191 |
| 09.10.2020 | 02:00 | 02:15 | 1.154 |
| 09.10.2020 | 02:15 | 02:30 | 1.107 |
| 09.10.2020 | 02:30 | 02:45 | 1.055 |
| 09.10.2020 | 02:45 | 03:00 | 1.044 |
| 09.10.2020 | 03:00 | 03:15 | 1.053 |
| 09.10.2020 | 03:15 | 03:30 | 1.049 |
| 09.10.2020 | 03:30 | 03:45 | 1.059 |
| 09.10.2020 | 03:45 | 04:00 | 1.072 |
| 09.10.2020 | 04:00 | 04:15 | 1.086 |
| 09.10.2020 | 04:15 | 04:30 | 1.100 |
| 09.10.2020 | 04:30 | 04:45 | 1.133 |
| 09.10.2020 | 04:45 | 05:00 | 1.163 |
| 09.10.2020 | 05:00 | 05:15 | 1.206 |
| 09.10.2020 | 05:15 | 05:30 | 1.251 |
| 09.10.2020 | 05:30 | 05:45 | 1.326 |
| 09.10.2020 | 05:45 | 06:00 | 1.403 |
| 09.10.2020 | 06:00 | 06:15 | 1.508 |
| 09.10.2020 | 06:15 | 06:30 | 1.618 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.10.2020 | 06:30 | 06:45 | 1.735 |
| 09.10.2020 | 06:45 | 07:00 | 1.822 |
| 09.10.2020 | 07:00 | 07:15 | 1.963 |
| 09.10.2020 | 07:15 | 07:30 | 2.034 |
| 09.10.2020 | 07:30 | 07:45 | 2.028 |
| 09.10.2020 | 07:45 | 08:00 | 2.043 |
| 09.10.2020 | 08:00 | 08:15 | 2.109 |
| 09.10.2020 | 08:15 | 08:30 | 2.135 |
| 09.10.2020 | 08:30 | 08:45 | 2.167 |
| 09.10.2020 | 08:45 | 09:00 | 2.208 |
| 09.10.2020 | 09:00 | 09:15 | 2.243 |
| 09.10.2020 | 09:15 | 09:30 | 2.276 |
| 09.10.2020 | 09:30 | 09:45 | 2.292 |
| 09.10.2020 | 09:45 | 10:00 | 2.286 |
| 09.10.2020 | 10:00 | 10:15 | 2.307 |
| 09.10.2020 | 10:15 | 10:30 | 2.331 |
| 09.10.2020 | 10:30 | 10:45 | 2.321 |
| 09.10.2020 | 10:45 | 11:00 | 2.377 |
| 09.10.2020 | 11:00 | 11:15 | 2.402 |
| 09.10.2020 | 11:15 | 11:30 | 2.440 |
| 09.10.2020 | 11:30 | 11:45 | 2.424 |
| 09.10.2020 | 11:45 | 12:00 | 2.465 |
| 09.10.2020 | 12:00 | 12:15 | 2.478 |
| 09.10.2020 | 12:15 | 12:30 | 2.495 |
| 09.10.2020 | 12:30 | 12:45 | 2.493 |
| 09.10.2020 | 12:45 | 13:00 | 2.461 |
| 09.10.2020 | 13:00 | 13:15 | 2.461 |
| 09.10.2020 | 13:15 | 13:30 | 2.451 |
| 09.10.2020 | 13:30 | 13:45 | 2.435 |
| 09.10.2020 | 13:45 | 14:00 | 2.373 |
| 09.10.2020 | 14:00 | 14:15 | 2.340 |
| 09.10.2020 | 14:15 | 14:30 | 2.362 |
| 09.10.2020 | 14:30 | 14:45 | 2.376 |
| 09.10.2020 | 14:45 | 15:00 | 2.349 |
| 09.10.2020 | 15:00 | 15:15 | 2.353 |
| 09.10.2020 | 15:15 | 15:30 | 2.298 |
| 09.10.2020 | 15:30 | 15:45 | 2.230 |
| 09.10.2020 | 15:45 | 16:00 | 2.222 |
| 09.10.2020 | 16:00 | 16:15 | 2.233 |
| 09.10.2020 | 16:15 | 16:30 | 2.181 |
| 09.10.2020 | 16:30 | 16:45 | 2.180 |
| 09.10.2020 | 16:45 | 17:00 | 2.165 |
| 09.10.2020 | 17:00 | 17:15 | 2.192 |
| 09.10.2020 | 17:15 | 17:30 | 2.199 |
| 09.10.2020 | 17:30 | 17:45 | 2.210 |
| 09.10.2020 | 17:45 | 18:00 | 2.227 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.10.2020 | 18:00 | 18:15 | 2.238 |
| 09.10.2020 | 18:15 | 18:30 | 2.271 |
| 09.10.2020 | 18:30 | 18:45 | 2.316 |
| 09.10.2020 | 18:45 | 19:00 | 2.381 |
| 09.10.2020 | 19:00 | 19:15 | 2.475 |
| 09.10.2020 | 19:15 | 19:30 | 2.558 |
| 09.10.2020 | 19:30 | 19:45 | 2.527 |
| 09.10.2020 | 19:45 | 20:00 | 2.477 |
| 09.10.2020 | 20:00 | 20:15 | 2.398 |
| 09.10.2020 | 20:15 | 20:30 | 2.298 |
| 09.10.2020 | 20:30 | 20:45 | 2.187 |
| 09.10.2020 | 20:45 | 21:00 | 2.119 |
| 09.10.2020 | 21:00 | 21:15 | 1.988 |
| 09.10.2020 | 21:15 | 21:30 | 1.909 |
| 09.10.2020 | 21:30 | 21:45 | 1.826 |
| 09.10.2020 | 21:45 | 22:00 | 1.738 |
| 09.10.2020 | 22:00 | 22:15 | 1.657 |
| 09.10.2020 | 22:15 | 22:30 | 1.573 |
| 09.10.2020 | 22:30 | 22:45 | 1.564 |
| 09.10.2020 | 22:45 | 23:00 | 1.500 |
| 09.10.2020 | 23:00 | 23:15 | 1.448 |
| 09.10.2020 | 23:15 | 23:30 | 1.409 |
| 09.10.2020 | 23:30 | 23:45 | 1.370 |
| 09.10.2020 | 23:45 | 00:00 | 1.312 |
| 10.10.2020 | 00:00 | 00:15 | 1.270 |
| 10.10.2020 | 00:15 | 00:30 | 1.240 |
| 10.10.2020 | 00:30 | 00:45 | 1.202 |
| 10.10.2020 | 00:45 | 01:00 | 1.173 |
| 10.10.2020 | 01:00 | 01:15 | 1.134 |
| 10.10.2020 | 01:15 | 01:30 | 1.110 |
| 10.10.2020 | 01:30 | 01:45 | 1.089 |
| 10.10.2020 | 01:45 | 02:00 | 1.065 |
| 10.10.2020 | 02:00 | 02:15 | 1.055 |
| 10.10.2020 | 02:15 | 02:30 | 1.043 |
| 10.10.2020 | 02:30 | 02:45 | 1.030 |
| 10.10.2020 | 02:45 | 03:00 | 1.025 |
| 10.10.2020 | 03:00 | 03:15 | 1.011 |
| 10.10.2020 | 03:15 | 03:30 | 1.001 |
| 10.10.2020 | 03:30 | 03:45 | 999 |
| 10.10.2020 | 03:45 | 04:00 | 994 |
| 10.10.2020 | 04:00 | 04:15 | 1.007 |
| 10.10.2020 | 04:15 | 04:30 | 1.008 |
| 10.10.2020 | 04:30 | 04:45 | 1.018 |
| 10.10.2020 | 04:45 | 05:00 | 1.031 |
| 10.10.2020 | 05:00 | 05:15 | 1.038 |
| 10.10.2020 | 05:15 | 05:30 | 1.052 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.10.2020 | 05:30 | 05:45 | 1.071 |
| 10.10.2020 | 05:45 | 06:00 | 1.102 |
| 10.10.2020 | 06:00 | 06:15 | 1.121 |
| 10.10.2020 | 06:15 | 06:30 | 1.141 |
| 10.10.2020 | 06:30 | 06:45 | 1.173 |
| 10.10.2020 | 06:45 | 07:00 | 1.196 |
| 10.10.2020 | 07:00 | 07:15 | 1.254 |
| 10.10.2020 | 07:15 | 07:30 | 1.285 |
| 10.10.2020 | 07:30 | 07:45 | 1.308 |
| 10.10.2020 | 07:45 | 08:00 | 1.357 |
| 10.10.2020 | 08:00 | 08:15 | 1.424 |
| 10.10.2020 | 08:15 | 08:30 | 1.483 |
| 10.10.2020 | 08:30 | 08:45 | 1.561 |
| 10.10.2020 | 08:45 | 09:00 | 1.629 |
| 10.10.2020 | 09:00 | 09:15 | 1.707 |
| 10.10.2020 | 09:15 | 09:30 | 1.789 |
| 10.10.2020 | 09:30 | 09:45 | 1.859 |
| 10.10.2020 | 09:45 | 10:00 | 1.907 |
| 10.10.2020 | 10:00 | 10:15 | 1.923 |
| 10.10.2020 | 10:15 | 10:30 | 1.967 |
| 10.10.2020 | 10:30 | 10:45 | 2.004 |
| 10.10.2020 | 10:45 | 11:00 | 2.027 |
| 10.10.2020 | 11:00 | 11:15 | 2.058 |
| 10.10.2020 | 11:15 | 11:30 | 2.119 |
| 10.10.2020 | 11:30 | 11:45 | 2.085 |
| 10.10.2020 | 11:45 | 12:00 | 2.106 |
| 10.10.2020 | 12:00 | 12:15 | 2.080 |
| 10.10.2020 | 12:15 | 12:30 | 2.039 |
| 10.10.2020 | 12:30 | 12:45 | 2.048 |
| 10.10.2020 | 12:45 | 13:00 | 2.076 |
| 10.10.2020 | 13:00 | 13:15 | 2.040 |
| 10.10.2020 | 13:15 | 13:30 | 2.028 |
| 10.10.2020 | 13:30 | 13:45 | 2.037 |
| 10.10.2020 | 13:45 | 14:00 | 2.011 |
| 10.10.2020 | 14:00 | 14:15 | 1.979 |
| 10.10.2020 | 14:15 | 14:30 | 1.939 |
| 10.10.2020 | 14:30 | 14:45 | 1.912 |
| 10.10.2020 | 14:45 | 15:00 | 1.890 |
| 10.10.2020 | 15:00 | 15:15 | 1.868 |
| 10.10.2020 | 15:15 | 15:30 | 1.933 |
| 10.10.2020 | 15:30 | 15:45 | 1.949 |
| 10.10.2020 | 15:45 | 16:00 | 1.967 |
| 10.10.2020 | 16:00 | 16:15 | 1.964 |
| 10.10.2020 | 16:15 | 16:30 | 1.930 |
| 10.10.2020 | 16:30 | 16:45 | 1.930 |
| 10.10.2020 | 16:45 | 17:00 | 1.912 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.10.2020 | 17:00 | 17:15 | 1.926 |
| 10.10.2020 | 17:15 | 17:30 | 1.929 |
| 10.10.2020 | 17:30 | 17:45 | 1.941 |
| 10.10.2020 | 17:45 | 18:00 | 1.980 |
| 10.10.2020 | 18:00 | 18:15 | 2.013 |
| 10.10.2020 | 18:15 | 18:30 | 2.020 |
| 10.10.2020 | 18:30 | 18:45 | 2.050 |
| 10.10.2020 | 18:45 | 19:00 | 2.095 |
| 10.10.2020 | 19:00 | 19:15 | 2.140 |
| 10.10.2020 | 19:15 | 19:30 | 2.159 |
| 10.10.2020 | 19:30 | 19:45 | 2.115 |
| 10.10.2020 | 19:45 | 20:00 | 2.067 |
| 10.10.2020 | 20:00 | 20:15 | 1.999 |
| 10.10.2020 | 20:15 | 20:30 | 1.915 |
| 10.10.2020 | 20:30 | 20:45 | 1.832 |
| 10.10.2020 | 20:45 | 21:00 | 1.782 |
| 10.10.2020 | 21:00 | 21:15 | 1.746 |
| 10.10.2020 | 21:15 | 21:30 | 1.676 |
| 10.10.2020 | 21:30 | 21:45 | 1.616 |
| 10.10.2020 | 21:45 | 22:00 | 1.568 |
| 10.10.2020 | 22:00 | 22:15 | 1.570 |
| 10.10.2020 | 22:15 | 22:30 | 1.503 |
| 10.10.2020 | 22:30 | 22:45 | 1.456 |
| 10.10.2020 | 22:45 | 23:00 | 1.407 |
| 10.10.2020 | 23:00 | 23:15 | 1.346 |
| 10.10.2020 | 23:15 | 23:30 | 1.291 |
| 10.10.2020 | 23:30 | 23:45 | 1.242 |
| 10.10.2020 | 23:45 | 00:00 | 1.197 |
| 11.10.2020 | 00:00 | 00:15 | 1.167 |
| 11.10.2020 | 00:15 | 00:30 | 1.127 |
| 11.10.2020 | 00:30 | 00:45 | 1.089 |
| 11.10.2020 | 00:45 | 01:00 | 1.060 |
| 11.10.2020 | 01:00 | 01:15 | 1.028 |
| 11.10.2020 | 01:15 | 01:30 | 1.007 |
| 11.10.2020 | 01:30 | 01:45 | 992 |
| 11.10.2020 | 01:45 | 02:00 | 972 |
| 11.10.2020 | 02:00 | 02:15 | 968 |
| 11.10.2020 | 02:15 | 02:30 | 949 |
| 11.10.2020 | 02:30 | 02:45 | 943 |
| 11.10.2020 | 02:45 | 03:00 | 936 |
| 11.10.2020 | 03:00 | 03:15 | 924 |
| 11.10.2020 | 03:15 | 03:30 | 919 |
| 11.10.2020 | 03:30 | 03:45 | 921 |
| 11.10.2020 | 03:45 | 04:00 | 920 |
| 11.10.2020 | 04:00 | 04:15 | 920 |
| 11.10.2020 | 04:15 | 04:30 | 923 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.10.2020 | 04:30 | 04:45 | 926 |
| 11.10.2020 | 04:45 | 05:00 | 930 |
| 11.10.2020 | 05:00 | 05:15 | 941 |
| 11.10.2020 | 05:15 | 05:30 | 941 |
| 11.10.2020 | 05:30 | 05:45 | 949 |
| 11.10.2020 | 05:45 | 06:00 | 966 |
| 11.10.2020 | 06:00 | 06:15 | 981 |
| 11.10.2020 | 06:15 | 06:30 | 1.002 |
| 11.10.2020 | 06:30 | 06:45 | 1.028 |
| 11.10.2020 | 06:45 | 07:00 | 1.049 |
| 11.10.2020 | 07:00 | 07:15 | 1.077 |
| 11.10.2020 | 07:15 | 07:30 | 1.104 |
| 11.10.2020 | 07:30 | 07:45 | 1.115 |
| 11.10.2020 | 07:45 | 08:00 | 1.165 |
| 11.10.2020 | 08:00 | 08:15 | 1.215 |
| 11.10.2020 | 08:15 | 08:30 | 1.277 |
| 11.10.2020 | 08:30 | 08:45 | 1.330 |
| 11.10.2020 | 08:45 | 09:00 | 1.402 |
| 11.10.2020 | 09:00 | 09:15 | 1.488 |
| 11.10.2020 | 09:15 | 09:30 | 1.575 |
| 11.10.2020 | 09:30 | 09:45 | 1.635 |
| 11.10.2020 | 09:45 | 10:00 | 1.675 |
| 11.10.2020 | 10:00 | 10:15 | 1.739 |
| 11.10.2020 | 10:15 | 10:30 | 1.770 |
| 11.10.2020 | 10:30 | 10:45 | 1.762 |
| 11.10.2020 | 10:45 | 11:00 | 1.863 |
| 11.10.2020 | 11:00 | 11:15 | 1.924 |
| 11.10.2020 | 11:15 | 11:30 | 1.969 |
| 11.10.2020 | 11:30 | 11:45 | 1.992 |
| 11.10.2020 | 11:45 | 12:00 | 2.028 |
| 11.10.2020 | 12:00 | 12:15 | 2.046 |
| 11.10.2020 | 12:15 | 12:30 | 2.059 |
| 11.10.2020 | 12:30 | 12:45 | 2.059 |
| 11.10.2020 | 12:45 | 13:00 | 1.983 |
| 11.10.2020 | 13:00 | 13:15 | 1.958 |
| 11.10.2020 | 13:15 | 13:30 | 1.926 |
| 11.10.2020 | 13:30 | 13:45 | 1.877 |
| 11.10.2020 | 13:45 | 14:00 | 1.850 |
| 11.10.2020 | 14:00 | 14:15 | 1.830 |
| 11.10.2020 | 14:15 | 14:30 | 1.804 |
| 11.10.2020 | 14:30 | 14:45 | 1.788 |
| 11.10.2020 | 14:45 | 15:00 | 1.777 |
| 11.10.2020 | 15:00 | 15:15 | 1.739 |
| 11.10.2020 | 15:15 | 15:30 | 1.712 |
| 11.10.2020 | 15:30 | 15:45 | 1.715 |
| 11.10.2020 | 15:45 | 16:00 | 1.711 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.10.2020 | 16:00 | 16:15 | 1.742 |
| 11.10.2020 | 16:15 | 16:30 | 1.749 |
| 11.10.2020 | 16:30 | 16:45 | 1.780 |
| 11.10.2020 | 16:45 | 17:00 | 1.820 |
| 11.10.2020 | 17:00 | 17:15 | 1.881 |
| 11.10.2020 | 17:15 | 17:30 | 1.883 |
| 11.10.2020 | 17:30 | 17:45 | 1.904 |
| 11.10.2020 | 17:45 | 18:00 | 1.923 |
| 11.10.2020 | 18:00 | 18:15 | 2.000 |
| 11.10.2020 | 18:15 | 18:30 | 2.067 |
| 11.10.2020 | 18:30 | 18:45 | 2.103 |
| 11.10.2020 | 18:45 | 19:00 | 2.086 |
| 11.10.2020 | 19:00 | 19:15 | 2.105 |
| 11.10.2020 | 19:15 | 19:30 | 2.095 |
| 11.10.2020 | 19:30 | 19:45 | 2.085 |
| 11.10.2020 | 19:45 | 20:00 | 2.030 |
| 11.10.2020 | 20:00 | 20:15 | 1.971 |
| 11.10.2020 | 20:15 | 20:30 | 1.889 |
| 11.10.2020 | 20:30 | 20:45 | 1.813 |
| 11.10.2020 | 20:45 | 21:00 | 1.750 |
| 11.10.2020 | 21:00 | 21:15 | 1.681 |
| 11.10.2020 | 21:15 | 21:30 | 1.634 |
| 11.10.2020 | 21:30 | 21:45 | 1.614 |
| 11.10.2020 | 21:45 | 22:00 | 1.584 |
| 11.10.2020 | 22:00 | 22:15 | 1.609 |
| 11.10.2020 | 22:15 | 22:30 | 1.567 |
| 11.10.2020 | 22:30 | 22:45 | 1.534 |
| 11.10.2020 | 22:45 | 23:00 | 1.470 |
| 11.10.2020 | 23:00 | 23:15 | 1.407 |
| 11.10.2020 | 23:15 | 23:30 | 1.359 |
| 11.10.2020 | 23:30 | 23:45 | 1.272 |
| 11.10.2020 | 23:45 | 00:00 | 1.232 |
| 12.10.2020 | 00:00 | 00:15 | 1.187 |
| 12.10.2020 | 00:15 | 00:30 | 1.163 |
| 12.10.2020 | 00:30 | 00:45 | 1.128 |
| 12.10.2020 | 00:45 | 01:00 | 1.096 |
| 12.10.2020 | 01:00 | 01:15 | 1.075 |
| 12.10.2020 | 01:15 | 01:30 | 1.053 |
| 12.10.2020 | 01:30 | 01:45 | 1.035 |
| 12.10.2020 | 01:45 | 02:00 | 1.018 |
| 12.10.2020 | 02:00 | 02:15 | 1.010 |
| 12.10.2020 | 02:15 | 02:30 | 1.008 |
| 12.10.2020 | 02:30 | 02:45 | 1.014 |
| 12.10.2020 | 02:45 | 03:00 | 1.002 |
| 12.10.2020 | 03:00 | 03:15 | 1.002 |
| 12.10.2020 | 03:15 | 03:30 | 999 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.10.2020 | 03:30 | 03:45 | 1.012 |
| 12.10.2020 | 03:45 | 04:00 | 1.019 |
| 12.10.2020 | 04:00 | 04:15 | 1.044 |
| 12.10.2020 | 04:15 | 04:30 | 1.070 |
| 12.10.2020 | 04:30 | 04:45 | 1.096 |
| 12.10.2020 | 04:45 | 05:00 | 1.125 |
| 12.10.2020 | 05:00 | 05:15 | 1.175 |
| 12.10.2020 | 05:15 | 05:30 | 1.213 |
| 12.10.2020 | 05:30 | 05:45 | 1.275 |
| 12.10.2020 | 05:45 | 06:00 | 1.355 |
| 12.10.2020 | 06:00 | 06:15 | 1.477 |
| 12.10.2020 | 06:15 | 06:30 | 1.582 |
| 12.10.2020 | 06:30 | 06:45 | 1.673 |
| 12.10.2020 | 06:45 | 07:00 | 1.756 |
| 12.10.2020 | 07:00 | 07:15 | 1.877 |
| 12.10.2020 | 07:15 | 07:30 | 1.967 |
| 12.10.2020 | 07:30 | 07:45 | 2.021 |
| 12.10.2020 | 07:45 | 08:00 | 2.069 |
| 12.10.2020 | 08:00 | 08:15 | 2.137 |
| 12.10.2020 | 08:15 | 08:30 | 2.174 |
| 12.10.2020 | 08:30 | 08:45 | 2.203 |
| 12.10.2020 | 08:45 | 09:00 | 2.261 |
| 12.10.2020 | 09:00 | 09:15 | 2.315 |
| 12.10.2020 | 09:15 | 09:30 | 2.394 |
| 12.10.2020 | 09:30 | 09:45 | 2.443 |
| 12.10.2020 | 09:45 | 10:00 | 2.432 |
| 12.10.2020 | 10:00 | 10:15 | 2.484 |
| 12.10.2020 | 10:15 | 10:30 | 2.489 |
| 12.10.2020 | 10:30 | 10:45 | 2.525 |
| 12.10.2020 | 10:45 | 11:00 | 2.563 |
| 12.10.2020 | 11:00 | 11:15 | 2.595 |
| 12.10.2020 | 11:15 | 11:30 | 2.657 |
| 12.10.2020 | 11:30 | 11:45 | 2.615 |
| 12.10.2020 | 11:45 | 12:00 | 2.645 |
| 12.10.2020 | 12:00 | 12:15 | 2.638 |
| 12.10.2020 | 12:15 | 12:30 | 2.666 |
| 12.10.2020 | 12:30 | 12:45 | 2.684 |
| 12.10.2020 | 12:45 | 13:00 | 2.662 |
| 12.10.2020 | 13:00 | 13:15 | 2.631 |
| 12.10.2020 | 13:15 | 13:30 | 2.616 |
| 12.10.2020 | 13:30 | 13:45 | 2.553 |
| 12.10.2020 | 13:45 | 14:00 | 2.498 |
| 12.10.2020 | 14:00 | 14:15 | 2.479 |
| 12.10.2020 | 14:15 | 14:30 | 2.500 |
| 12.10.2020 | 14:30 | 14:45 | 2.472 |
| 12.10.2020 | 14:45 | 15:00 | 2.389 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.10.2020 | 15:00 | 15:15 | 2.413 |
| 12.10.2020 | 15:15 | 15:30 | 2.382 |
| 12.10.2020 | 15:30 | 15:45 | 2.362 |
| 12.10.2020 | 15:45 | 16:00 | 2.350 |
| 12.10.2020 | 16:00 | 16:15 | 2.345 |
| 12.10.2020 | 16:15 | 16:30 | 2.330 |
| 12.10.2020 | 16:30 | 16:45 | 2.362 |
| 12.10.2020 | 16:45 | 17:00 | 2.318 |
| 12.10.2020 | 17:00 | 17:15 | 2.330 |
| 12.10.2020 | 17:15 | 17:30 | 2.353 |
| 12.10.2020 | 17:30 | 17:45 | 2.393 |
| 12.10.2020 | 17:45 | 18:00 | 2.432 |
| 12.10.2020 | 18:00 | 18:15 | 2.450 |
| 12.10.2020 | 18:15 | 18:30 | 2.488 |
| 12.10.2020 | 18:30 | 18:45 | 2.581 |
| 12.10.2020 | 18:45 | 19:00 | 2.716 |
| 12.10.2020 | 19:00 | 19:15 | 2.825 |
| 12.10.2020 | 19:15 | 19:30 | 2.808 |
| 12.10.2020 | 19:30 | 19:45 | 2.749 |
| 12.10.2020 | 19:45 | 20:00 | 2.691 |
| 12.10.2020 | 20:00 | 20:15 | 2.533 |
| 12.10.2020 | 20:15 | 20:30 | 2.426 |
| 12.10.2020 | 20:30 | 20:45 | 2.321 |
| 12.10.2020 | 20:45 | 21:00 | 2.224 |
| 12.10.2020 | 21:00 | 21:15 | 2.127 |
| 12.10.2020 | 21:15 | 21:30 | 2.034 |
| 12.10.2020 | 21:30 | 21:45 | 1.921 |
| 12.10.2020 | 21:45 | 22:00 | 1.820 |
| 12.10.2020 | 22:00 | 22:15 | 1.803 |
| 12.10.2020 | 22:15 | 22:30 | 1.781 |
| 12.10.2020 | 22:30 | 22:45 | 1.695 |
| 12.10.2020 | 22:45 | 23:00 | 1.627 |
| 12.10.2020 | 23:00 | 23:15 | 1.546 |
| 12.10.2020 | 23:15 | 23:30 | 1.479 |
| 12.10.2020 | 23:30 | 23:45 | 1.429 |
| 12.10.2020 | 23:45 | 00:00 | 1.377 |
| 13.10.2020 | 00:00 | 00:15 | 1.322 |
| 13.10.2020 | 00:15 | 00:30 | 1.277 |
| 13.10.2020 | 00:30 | 00:45 | 1.244 |
| 13.10.2020 | 00:45 | 01:00 | 1.221 |
| 13.10.2020 | 01:00 | 01:15 | 1.191 |
| 13.10.2020 | 01:15 | 01:30 | 1.163 |
| 13.10.2020 | 01:30 | 01:45 | 1.131 |
| 13.10.2020 | 01:45 | 02:00 | 1.083 |
| 13.10.2020 | 02:00 | 02:15 | 1.053 |
| 13.10.2020 | 02:15 | 02:30 | 1.022 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.10.2020 | 02:30 | 02:45 | 1.015 |
| 13.10.2020 | 02:45 | 03:00 | 1.013 |
| 13.10.2020 | 03:00 | 03:15 | 1.005 |
| 13.10.2020 | 03:15 | 03:30 | 998 |
| 13.10.2020 | 03:30 | 03:45 | 997 |
| 13.10.2020 | 03:45 | 04:00 | 1.009 |
| 13.10.2020 | 04:00 | 04:15 | 1.025 |
| 13.10.2020 | 04:15 | 04:30 | 1.071 |
| 13.10.2020 | 04:30 | 04:45 | 1.130 |
| 13.10.2020 | 04:45 | 05:00 | 1.156 |
| 13.10.2020 | 05:00 | 05:15 | 1.262 |
| 13.10.2020 | 05:15 | 05:30 | 1.308 |
| 13.10.2020 | 05:30 | 05:45 | 1.370 |
| 13.10.2020 | 05:45 | 06:00 | 1.455 |
| 13.10.2020 | 06:00 | 06:15 | 1.549 |
| 13.10.2020 | 06:15 | 06:30 | 1.668 |
| 13.10.2020 | 06:30 | 06:45 | 1.705 |
| 13.10.2020 | 06:45 | 07:00 | 1.767 |
| 13.10.2020 | 07:00 | 07:15 | 1.898 |
| 13.10.2020 | 07:15 | 07:30 | 1.993 |
| 13.10.2020 | 07:30 | 07:45 | 1.997 |
| 13.10.2020 | 07:45 | 08:00 | 2.010 |
| 13.10.2020 | 08:00 | 08:15 | 2.084 |
| 13.10.2020 | 08:15 | 08:30 | 2.127 |
| 13.10.2020 | 08:30 | 08:45 | 2.182 |
| 13.10.2020 | 08:45 | 09:00 | 2.156 |
| 13.10.2020 | 09:00 | 09:15 | 2.212 |
| 13.10.2020 | 09:15 | 09:30 | 2.286 |
| 13.10.2020 | 09:30 | 09:45 | 2.385 |
| 13.10.2020 | 09:45 | 10:00 | 2.417 |
| 13.10.2020 | 10:00 | 10:15 | 2.434 |
| 13.10.2020 | 10:15 | 10:30 | 2.455 |
| 13.10.2020 | 10:30 | 10:45 | 2.479 |
| 13.10.2020 | 10:45 | 11:00 | 2.505 |
| 13.10.2020 | 11:00 | 11:15 | 2.524 |
| 13.10.2020 | 11:15 | 11:30 | 2.552 |
| 13.10.2020 | 11:30 | 11:45 | 2.557 |
| 13.10.2020 | 11:45 | 12:00 | 2.574 |
| 13.10.2020 | 12:00 | 12:15 | 2.581 |
| 13.10.2020 | 12:15 | 12:30 | 2.627 |
| 13.10.2020 | 12:30 | 12:45 | 2.663 |
| 13.10.2020 | 12:45 | 13:00 | 2.625 |
| 13.10.2020 | 13:00 | 13:15 | 2.555 |
| 13.10.2020 | 13:15 | 13:30 | 2.524 |
| 13.10.2020 | 13:30 | 13:45 | 2.516 |
| 13.10.2020 | 13:45 | 14:00 | 2.447 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.10.2020 | 14:00 | 14:15 | 2.424 |
| 13.10.2020 | 14:15 | 14:30 | 2.424 |
| 13.10.2020 | 14:30 | 14:45 | 2.393 |
| 13.10.2020 | 14:45 | 15:00 | 2.421 |
| 13.10.2020 | 15:00 | 15:15 | 2.483 |
| 13.10.2020 | 15:15 | 15:30 | 2.446 |
| 13.10.2020 | 15:30 | 15:45 | 2.426 |
| 13.10.2020 | 15:45 | 16:00 | 2.423 |
| 13.10.2020 | 16:00 | 16:15 | 2.425 |
| 13.10.2020 | 16:15 | 16:30 | 2.445 |
| 13.10.2020 | 16:30 | 16:45 | 2.461 |
| 13.10.2020 | 16:45 | 17:00 | 2.494 |
| 13.10.2020 | 17:00 | 17:15 | 2.561 |
| 13.10.2020 | 17:15 | 17:30 | 2.581 |
| 13.10.2020 | 17:30 | 17:45 | 2.583 |
| 13.10.2020 | 17:45 | 18:00 | 2.556 |
| 13.10.2020 | 18:00 | 18:15 | 2.576 |
| 13.10.2020 | 18:15 | 18:30 | 2.623 |
| 13.10.2020 | 18:30 | 18:45 | 2.693 |
| 13.10.2020 | 18:45 | 19:00 | 2.804 |
| 13.10.2020 | 19:00 | 19:15 | 2.872 |
| 13.10.2020 | 19:15 | 19:30 | 2.898 |
| 13.10.2020 | 19:30 | 19:45 | 2.818 |
| 13.10.2020 | 19:45 | 20:00 | 2.756 |
| 13.10.2020 | 20:00 | 20:15 | 2.615 |
| 13.10.2020 | 20:15 | 20:30 | 2.509 |
| 13.10.2020 | 20:30 | 20:45 | 2.398 |
| 13.10.2020 | 20:45 | 21:00 | 2.283 |
| 13.10.2020 | 21:00 | 21:15 | 2.200 |
| 13.10.2020 | 21:15 | 21:30 | 2.091 |
| 13.10.2020 | 21:30 | 21:45 | 1.997 |
| 13.10.2020 | 21:45 | 22:00 | 1.876 |
| 13.10.2020 | 22:00 | 22:15 | 1.845 |
| 13.10.2020 | 22:15 | 22:30 | 1.810 |
| 13.10.2020 | 22:30 | 22:45 | 1.718 |
| 13.10.2020 | 22:45 | 23:00 | 1.636 |
| 13.10.2020 | 23:00 | 23:15 | 1.558 |
| 13.10.2020 | 23:15 | 23:30 | 1.506 |
| 13.10.2020 | 23:30 | 23:45 | 1.438 |
| 13.10.2020 | 23:45 | 00:00 | 1.377 |
| 14.10.2020 | 00:00 | 00:15 | 1.341 |
| 14.10.2020 | 00:15 | 00:30 | 1.291 |
| 14.10.2020 | 00:30 | 00:45 | 1.258 |
| 14.10.2020 | 00:45 | 01:00 | 1.229 |
| 14.10.2020 | 01:00 | 01:15 | 1.199 |
| 14.10.2020 | 01:15 | 01:30 | 1.183 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.10.2020 | 01:30 | 01:45 | 1.156 |
| 14.10.2020 | 01:45 | 02:00 | 1.132 |
| 14.10.2020 | 02:00 | 02:15 | 1.122 |
| 14.10.2020 | 02:15 | 02:30 | 1.115 |
| 14.10.2020 | 02:30 | 02:45 | 1.104 |
| 14.10.2020 | 02:45 | 03:00 | 1.098 |
| 14.10.2020 | 03:00 | 03:15 | 1.089 |
| 14.10.2020 | 03:15 | 03:30 | 1.082 |
| 14.10.2020 | 03:30 | 03:45 | 1.083 |
| 14.10.2020 | 03:45 | 04:00 | 1.085 |
| 14.10.2020 | 04:00 | 04:15 | 1.105 |
| 14.10.2020 | 04:15 | 04:30 | 1.145 |
| 14.10.2020 | 04:30 | 04:45 | 1.172 |
| 14.10.2020 | 04:45 | 05:00 | 1.186 |
| 14.10.2020 | 05:00 | 05:15 | 1.236 |
| 14.10.2020 | 05:15 | 05:30 | 1.282 |
| 14.10.2020 | 05:30 | 05:45 | 1.351 |
| 14.10.2020 | 05:45 | 06:00 | 1.421 |
| 14.10.2020 | 06:00 | 06:15 | 1.517 |
| 14.10.2020 | 06:15 | 06:30 | 1.615 |
| 14.10.2020 | 06:30 | 06:45 | 1.707 |
| 14.10.2020 | 06:45 | 07:00 | 1.798 |
| 14.10.2020 | 07:00 | 07:15 | 1.857 |
| 14.10.2020 | 07:15 | 07:30 | 1.889 |
| 14.10.2020 | 07:30 | 07:45 | 1.972 |
| 14.10.2020 | 07:45 | 08:00 | 2.018 |
| 14.10.2020 | 08:00 | 08:15 | 2.086 |
| 14.10.2020 | 08:15 | 08:30 | 2.089 |
| 14.10.2020 | 08:30 | 08:45 | 2.119 |
| 14.10.2020 | 08:45 | 09:00 | 2.143 |
| 14.10.2020 | 09:00 | 09:15 | 2.205 |
| 14.10.2020 | 09:15 | 09:30 | 2.245 |
| 14.10.2020 | 09:30 | 09:45 | 2.321 |
| 14.10.2020 | 09:45 | 10:00 | 2.332 |
| 14.10.2020 | 10:00 | 10:15 | 2.368 |
| 14.10.2020 | 10:15 | 10:30 | 2.395 |
| 14.10.2020 | 10:30 | 10:45 | 2.517 |
| 14.10.2020 | 10:45 | 11:00 | 2.549 |
| 14.10.2020 | 11:00 | 11:15 | 2.586 |
| 14.10.2020 | 11:15 | 11:30 | 2.620 |
| 14.10.2020 | 11:30 | 11:45 | 2.645 |
| 14.10.2020 | 11:45 | 12:00 | 2.681 |
| 14.10.2020 | 12:00 | 12:15 | 2.673 |
| 14.10.2020 | 12:15 | 12:30 | 2.706 |
| 14.10.2020 | 12:30 | 12:45 | 2.725 |
| 14.10.2020 | 12:45 | 13:00 | 2.698 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.10.2020 | 13:00 | 13:15 | 2.675 |
| 14.10.2020 | 13:15 | 13:30 | 2.655 |
| 14.10.2020 | 13:30 | 13:45 | 2.648 |
| 14.10.2020 | 13:45 | 14:00 | 2.567 |
| 14.10.2020 | 14:00 | 14:15 | 2.528 |
| 14.10.2020 | 14:15 | 14:30 | 2.508 |
| 14.10.2020 | 14:30 | 14:45 | 2.481 |
| 14.10.2020 | 14:45 | 15:00 | 2.445 |
| 14.10.2020 | 15:00 | 15:15 | 2.397 |
| 14.10.2020 | 15:15 | 15:30 | 2.388 |
| 14.10.2020 | 15:30 | 15:45 | 2.373 |
| 14.10.2020 | 15:45 | 16:00 | 2.355 |
| 14.10.2020 | 16:00 | 16:15 | 2.393 |
| 14.10.2020 | 16:15 | 16:30 | 2.378 |
| 14.10.2020 | 16:30 | 16:45 | 2.371 |
| 14.10.2020 | 16:45 | 17:00 | 2.355 |
| 14.10.2020 | 17:00 | 17:15 | 2.413 |
| 14.10.2020 | 17:15 | 17:30 | 2.453 |
| 14.10.2020 | 17:30 | 17:45 | 2.503 |
| 14.10.2020 | 17:45 | 18:00 | 2.550 |
| 14.10.2020 | 18:00 | 18:15 | 2.555 |
| 14.10.2020 | 18:15 | 18:30 | 2.581 |
| 14.10.2020 | 18:30 | 18:45 | 2.638 |
| 14.10.2020 | 18:45 | 19:00 | 2.789 |
| 14.10.2020 | 19:00 | 19:15 | 2.790 |
| 14.10.2020 | 19:15 | 19:30 | 2.749 |
| 14.10.2020 | 19:30 | 19:45 | 2.677 |
| 14.10.2020 | 19:45 | 20:00 | 2.595 |
| 14.10.2020 | 20:00 | 20:15 | 2.440 |
| 14.10.2020 | 20:15 | 20:30 | 2.327 |
| 14.10.2020 | 20:30 | 20:45 | 2.235 |
| 14.10.2020 | 20:45 | 21:00 | 2.153 |
| 14.10.2020 | 21:00 | 21:15 | 2.038 |
| 14.10.2020 | 21:15 | 21:30 | 1.932 |
| 14.10.2020 | 21:30 | 21:45 | 1.834 |
| 14.10.2020 | 21:45 | 22:00 | 1.713 |
| 14.10.2020 | 22:00 | 22:15 | 1.710 |
| 14.10.2020 | 22:15 | 22:30 | 1.699 |
| 14.10.2020 | 22:30 | 22:45 | 1.663 |
| 14.10.2020 | 22:45 | 23:00 | 1.629 |
| 14.10.2020 | 23:00 | 23:15 | 1.573 |
| 14.10.2020 | 23:15 | 23:30 | 1.505 |
| 14.10.2020 | 23:30 | 23:45 | 1.434 |
| 14.10.2020 | 23:45 | 00:00 | 1.396 |
| 15.10.2020 | 00:00 | 00:15 | 1.363 |
| 15.10.2020 | 00:15 | 00:30 | 1.314 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.10.2020 | 00:30 | 00:45 | 1.291 |
| 15.10.2020 | 00:45 | 01:00 | 1.254 |
| 15.10.2020 | 01:00 | 01:15 | 1.223 |
| 15.10.2020 | 01:15 | 01:30 | 1.181 |
| 15.10.2020 | 01:30 | 01:45 | 1.172 |
| 15.10.2020 | 01:45 | 02:00 | 1.150 |
| 15.10.2020 | 02:00 | 02:15 | 1.121 |
| 15.10.2020 | 02:15 | 02:30 | 1.120 |
| 15.10.2020 | 02:30 | 02:45 | 1.106 |
| 15.10.2020 | 02:45 | 03:00 | 1.101 |
| 15.10.2020 | 03:00 | 03:15 | 1.092 |
| 15.10.2020 | 03:15 | 03:30 | 1.081 |
| 15.10.2020 | 03:30 | 03:45 | 1.083 |
| 15.10.2020 | 03:45 | 04:00 | 1.089 |
| 15.10.2020 | 04:00 | 04:15 | 1.079 |
| 15.10.2020 | 04:15 | 04:30 | 1.095 |
| 15.10.2020 | 04:30 | 04:45 | 1.117 |
| 15.10.2020 | 04:45 | 05:00 | 1.152 |
| 15.10.2020 | 05:00 | 05:15 | 1.219 |
| 15.10.2020 | 05:15 | 05:30 | 1.268 |
| 15.10.2020 | 05:30 | 05:45 | 1.313 |
| 15.10.2020 | 05:45 | 06:00 | 1.381 |
| 15.10.2020 | 06:00 | 06:15 | 1.487 |
| 15.10.2020 | 06:15 | 06:30 | 1.612 |
| 15.10.2020 | 06:30 | 06:45 | 1.692 |
| 15.10.2020 | 06:45 | 07:00 | 1.775 |
| 15.10.2020 | 07:00 | 07:15 | 1.893 |
| 15.10.2020 | 07:15 | 07:30 | 1.992 |
| 15.10.2020 | 07:30 | 07:45 | 2.028 |
| 15.10.2020 | 07:45 | 08:00 | 2.072 |
| 15.10.2020 | 08:00 | 08:15 | 2.151 |
| 15.10.2020 | 08:15 | 08:30 | 2.180 |
| 15.10.2020 | 08:30 | 08:45 | 2.219 |
| 15.10.2020 | 08:45 | 09:00 | 2.261 |
| 15.10.2020 | 09:00 | 09:15 | 2.263 |
| 15.10.2020 | 09:15 | 09:30 | 2.313 |
| 15.10.2020 | 09:30 | 09:45 | 2.405 |
| 15.10.2020 | 09:45 | 10:00 | 2.436 |
| 15.10.2020 | 10:00 | 10:15 | 2.464 |
| 15.10.2020 | 10:15 | 10:30 | 2.488 |
| 15.10.2020 | 10:30 | 10:45 | 2.510 |
| 15.10.2020 | 10:45 | 11:00 | 2.545 |
| 15.10.2020 | 11:00 | 11:15 | 2.568 |
| 15.10.2020 | 11:15 | 11:30 | 2.622 |
| 15.10.2020 | 11:30 | 11:45 | 2.684 |
| 15.10.2020 | 11:45 | 12:00 | 2.708 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.10.2020 | 12:00 | 12:15 | 2.712 |
| 15.10.2020 | 12:15 | 12:30 | 2.775 |
| 15.10.2020 | 12:30 | 12:45 | 2.780 |
| 15.10.2020 | 12:45 | 13:00 | 2.764 |
| 15.10.2020 | 13:00 | 13:15 | 2.773 |
| 15.10.2020 | 13:15 | 13:30 | 2.739 |
| 15.10.2020 | 13:30 | 13:45 | 2.665 |
| 15.10.2020 | 13:45 | 14:00 | 2.643 |
| 15.10.2020 | 14:00 | 14:15 | 2.598 |
| 15.10.2020 | 14:15 | 14:30 | 2.504 |
| 15.10.2020 | 14:30 | 14:45 | 2.517 |
| 15.10.2020 | 14:45 | 15:00 | 2.536 |
| 15.10.2020 | 15:00 | 15:15 | 2.501 |
| 15.10.2020 | 15:15 | 15:30 | 2.467 |
| 15.10.2020 | 15:30 | 15:45 | 2.420 |
| 15.10.2020 | 15:45 | 16:00 | 2.438 |
| 15.10.2020 | 16:00 | 16:15 | 2.479 |
| 15.10.2020 | 16:15 | 16:30 | 2.489 |
| 15.10.2020 | 16:30 | 16:45 | 2.476 |
| 15.10.2020 | 16:45 | 17:00 | 2.460 |
| 15.10.2020 | 17:00 | 17:15 | 2.478 |
| 15.10.2020 | 17:15 | 17:30 | 2.496 |
| 15.10.2020 | 17:30 | 17:45 | 2.512 |
| 15.10.2020 | 17:45 | 18:00 | 2.548 |
| 15.10.2020 | 18:00 | 18:15 | 2.602 |
| 15.10.2020 | 18:15 | 18:30 | 2.629 |
| 15.10.2020 | 18:30 | 18:45 | 2.701 |
| 15.10.2020 | 18:45 | 19:00 | 2.761 |
| 15.10.2020 | 19:00 | 19:15 | 2.859 |
| 15.10.2020 | 19:15 | 19:30 | 2.821 |
| 15.10.2020 | 19:30 | 19:45 | 2.747 |
| 15.10.2020 | 19:45 | 20:00 | 2.664 |
| 15.10.2020 | 20:00 | 20:15 | 2.514 |
| 15.10.2020 | 20:15 | 20:30 | 2.400 |
| 15.10.2020 | 20:30 | 20:45 | 2.308 |
| 15.10.2020 | 20:45 | 21:00 | 2.250 |
| 15.10.2020 | 21:00 | 21:15 | 2.113 |
| 15.10.2020 | 21:15 | 21:30 | 2.031 |
| 15.10.2020 | 21:30 | 21:45 | 1.959 |
| 15.10.2020 | 21:45 | 22:00 | 1.822 |
| 15.10.2020 | 22:00 | 22:15 | 1.802 |
| 15.10.2020 | 22:15 | 22:30 | 1.794 |
| 15.10.2020 | 22:30 | 22:45 | 1.725 |
| 15.10.2020 | 22:45 | 23:00 | 1.660 |
| 15.10.2020 | 23:00 | 23:15 | 1.586 |
| 15.10.2020 | 23:15 | 23:30 | 1.533 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.10.2020 | 23:30 | 23:45 | 1.472 |
| 15.10.2020 | 23:45 | 00:00 | 1.430 |
| 16.10.2020 | 00:00 | 00:15 | 1.365 |
| 16.10.2020 | 00:15 | 00:30 | 1.329 |
| 16.10.2020 | 00:30 | 00:45 | 1.287 |
| 16.10.2020 | 00:45 | 01:00 | 1.257 |
| 16.10.2020 | 01:00 | 01:15 | 1.217 |
| 16.10.2020 | 01:15 | 01:30 | 1.188 |
| 16.10.2020 | 01:30 | 01:45 | 1.161 |
| 16.10.2020 | 01:45 | 02:00 | 1.159 |
| 16.10.2020 | 02:00 | 02:15 | 1.134 |
| 16.10.2020 | 02:15 | 02:30 | 1.119 |
| 16.10.2020 | 02:30 | 02:45 | 1.093 |
| 16.10.2020 | 02:45 | 03:00 | 1.083 |
| 16.10.2020 | 03:00 | 03:15 | 1.077 |
| 16.10.2020 | 03:15 | 03:30 | 1.081 |
| 16.10.2020 | 03:30 | 03:45 | 1.098 |
| 16.10.2020 | 03:45 | 04:00 | 1.105 |
| 16.10.2020 | 04:00 | 04:15 | 1.129 |
| 16.10.2020 | 04:15 | 04:30 | 1.149 |
| 16.10.2020 | 04:30 | 04:45 | 1.183 |
| 16.10.2020 | 04:45 | 05:00 | 1.194 |
| 16.10.2020 | 05:00 | 05:15 | 1.239 |
| 16.10.2020 | 05:15 | 05:30 | 1.287 |
| 16.10.2020 | 05:30 | 05:45 | 1.339 |
| 16.10.2020 | 05:45 | 06:00 | 1.410 |
| 16.10.2020 | 06:00 | 06:15 | 1.513 |
| 16.10.2020 | 06:15 | 06:30 | 1.607 |
| 16.10.2020 | 06:30 | 06:45 | 1.702 |
| 16.10.2020 | 06:45 | 07:00 | 1.780 |
| 16.10.2020 | 07:00 | 07:15 | 1.886 |
| 16.10.2020 | 07:15 | 07:30 | 1.981 |
| 16.10.2020 | 07:30 | 07:45 | 2.024 |
| 16.10.2020 | 07:45 | 08:00 | 2.040 |
| 16.10.2020 | 08:00 | 08:15 | 2.114 |
| 16.10.2020 | 08:15 | 08:30 | 2.176 |
| 16.10.2020 | 08:30 | 08:45 | 2.198 |
| 16.10.2020 | 08:45 | 09:00 | 2.238 |
| 16.10.2020 | 09:00 | 09:15 | 2.281 |
| 16.10.2020 | 09:15 | 09:30 | 2.350 |
| 16.10.2020 | 09:30 | 09:45 | 2.400 |
| 16.10.2020 | 09:45 | 10:00 | 2.451 |
| 16.10.2020 | 10:00 | 10:15 | 2.423 |
| 16.10.2020 | 10:15 | 10:30 | 2.465 |
| 16.10.2020 | 10:30 | 10:45 | 2.473 |
| 16.10.2020 | 10:45 | 11:00 | 2.562 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.10.2020 | 11:00 | 11:15 | 2.596 |
| 16.10.2020 | 11:15 | 11:30 | 2.590 |
| 16.10.2020 | 11:30 | 11:45 | 2.626 |
| 16.10.2020 | 11:45 | 12:00 | 2.673 |
| 16.10.2020 | 12:00 | 12:15 | 2.680 |
| 16.10.2020 | 12:15 | 12:30 | 2.666 |
| 16.10.2020 | 12:30 | 12:45 | 2.668 |
| 16.10.2020 | 12:45 | 13:00 | 2.648 |
| 16.10.2020 | 13:00 | 13:15 | 2.553 |
| 16.10.2020 | 13:15 | 13:30 | 2.618 |
| 16.10.2020 | 13:30 | 13:45 | 2.653 |
| 16.10.2020 | 13:45 | 14:00 | 2.606 |
| 16.10.2020 | 14:00 | 14:15 | 2.566 |
| 16.10.2020 | 14:15 | 14:30 | 2.556 |
| 16.10.2020 | 14:30 | 14:45 | 2.540 |
| 16.10.2020 | 14:45 | 15:00 | 2.531 |
| 16.10.2020 | 15:00 | 15:15 | 2.509 |
| 16.10.2020 | 15:15 | 15:30 | 2.450 |
| 16.10.2020 | 15:30 | 15:45 | 2.385 |
| 16.10.2020 | 15:45 | 16:00 | 2.362 |
| 16.10.2020 | 16:00 | 16:15 | 2.418 |
| 16.10.2020 | 16:15 | 16:30 | 2.421 |
| 16.10.2020 | 16:30 | 16:45 | 2.386 |
| 16.10.2020 | 16:45 | 17:00 | 2.395 |
| 16.10.2020 | 17:00 | 17:15 | 2.435 |
| 16.10.2020 | 17:15 | 17:30 | 2.457 |
| 16.10.2020 | 17:30 | 17:45 | 2.467 |
| 16.10.2020 | 17:45 | 18:00 | 2.555 |
| 16.10.2020 | 18:00 | 18:15 | 2.555 |
| 16.10.2020 | 18:15 | 18:30 | 2.636 |
| 16.10.2020 | 18:30 | 18:45 | 2.719 |
| 16.10.2020 | 18:45 | 19:00 | 2.844 |
| 16.10.2020 | 19:00 | 19:15 | 2.849 |
| 16.10.2020 | 19:15 | 19:30 | 2.790 |
| 16.10.2020 | 19:30 | 19:45 | 2.746 |
| 16.10.2020 | 19:45 | 20:00 | 2.656 |
| 16.10.2020 | 20:00 | 20:15 | 2.573 |
| 16.10.2020 | 20:15 | 20:30 | 2.426 |
| 16.10.2020 | 20:30 | 20:45 | 2.282 |
| 16.10.2020 | 20:45 | 21:00 | 2.176 |
| 16.10.2020 | 21:00 | 21:15 | 2.065 |
| 16.10.2020 | 21:15 | 21:30 | 1.988 |
| 16.10.2020 | 21:30 | 21:45 | 1.897 |
| 16.10.2020 | 21:45 | 22:00 | 1.814 |
| 16.10.2020 | 22:00 | 22:15 | 1.801 |
| 16.10.2020 | 22:15 | 22:30 | 1.739 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.10.2020 | 22:30 | 22:45 | 1.744 |
| 16.10.2020 | 22:45 | 23:00 | 1.680 |
| 16.10.2020 | 23:00 | 23:15 | 1.600 |
| 16.10.2020 | 23:15 | 23:30 | 1.552 |
| 16.10.2020 | 23:30 | 23:45 | 1.481 |
| 16.10.2020 | 23:45 | 00:00 | 1.433 |
| 17.10.2020 | 00:00 | 00:15 | 1.384 |
| 17.10.2020 | 00:15 | 00:30 | 1.346 |
| 17.10.2020 | 00:30 | 00:45 | 1.304 |
| 17.10.2020 | 00:45 | 01:00 | 1.259 |
| 17.10.2020 | 01:00 | 01:15 | 1.214 |
| 17.10.2020 | 01:15 | 01:30 | 1.173 |
| 17.10.2020 | 01:30 | 01:45 | 1.145 |
| 17.10.2020 | 01:45 | 02:00 | 1.125 |
| 17.10.2020 | 02:00 | 02:15 | 1.118 |
| 17.10.2020 | 02:15 | 02:30 | 1.125 |
| 17.10.2020 | 02:30 | 02:45 | 1.133 |
| 17.10.2020 | 02:45 | 03:00 | 1.128 |
| 17.10.2020 | 03:00 | 03:15 | 1.100 |
| 17.10.2020 | 03:15 | 03:30 | 1.092 |
| 17.10.2020 | 03:30 | 03:45 | 1.093 |
| 17.10.2020 | 03:45 | 04:00 | 1.092 |
| 17.10.2020 | 04:00 | 04:15 | 1.070 |
| 17.10.2020 | 04:15 | 04:30 | 1.059 |
| 17.10.2020 | 04:30 | 04:45 | 1.061 |
| 17.10.2020 | 04:45 | 05:00 | 1.075 |
| 17.10.2020 | 05:00 | 05:15 | 1.100 |
| 17.10.2020 | 05:15 | 05:30 | 1.104 |
| 17.10.2020 | 05:30 | 05:45 | 1.121 |
| 17.10.2020 | 05:45 | 06:00 | 1.153 |
| 17.10.2020 | 06:00 | 06:15 | 1.165 |
| 17.10.2020 | 06:15 | 06:30 | 1.186 |
| 17.10.2020 | 06:30 | 06:45 | 1.222 |
| 17.10.2020 | 06:45 | 07:00 | 1.257 |
| 17.10.2020 | 07:00 | 07:15 | 1.304 |
| 17.10.2020 | 07:15 | 07:30 | 1.346 |
| 17.10.2020 | 07:30 | 07:45 | 1.387 |
| 17.10.2020 | 07:45 | 08:00 | 1.422 |
| 17.10.2020 | 08:00 | 08:15 | 1.504 |
| 17.10.2020 | 08:15 | 08:30 | 1.552 |
| 17.10.2020 | 08:30 | 08:45 | 1.620 |
| 17.10.2020 | 08:45 | 09:00 | 1.684 |
| 17.10.2020 | 09:00 | 09:15 | 1.772 |
| 17.10.2020 | 09:15 | 09:30 | 1.857 |
| 17.10.2020 | 09:30 | 09:45 | 1.933 |
| 17.10.2020 | 09:45 | 10:00 | 1.984 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.10.2020 | 10:00 | 10:15 | 2.032 |
| 17.10.2020 | 10:15 | 10:30 | 2.077 |
| 17.10.2020 | 10:30 | 10:45 | 2.111 |
| 17.10.2020 | 10:45 | 11:00 | 2.139 |
| 17.10.2020 | 11:00 | 11:15 | 2.132 |
| 17.10.2020 | 11:15 | 11:30 | 2.178 |
| 17.10.2020 | 11:30 | 11:45 | 2.216 |
| 17.10.2020 | 11:45 | 12:00 | 2.195 |
| 17.10.2020 | 12:00 | 12:15 | 2.203 |
| 17.10.2020 | 12:15 | 12:30 | 2.206 |
| 17.10.2020 | 12:30 | 12:45 | 2.187 |
| 17.10.2020 | 12:45 | 13:00 | 2.138 |
| 17.10.2020 | 13:00 | 13:15 | 2.162 |
| 17.10.2020 | 13:15 | 13:30 | 2.135 |
| 17.10.2020 | 13:30 | 13:45 | 2.117 |
| 17.10.2020 | 13:45 | 14:00 | 2.111 |
| 17.10.2020 | 14:00 | 14:15 | 2.085 |
| 17.10.2020 | 14:15 | 14:30 | 2.104 |
| 17.10.2020 | 14:30 | 14:45 | 2.080 |
| 17.10.2020 | 14:45 | 15:00 | 2.050 |
| 17.10.2020 | 15:00 | 15:15 | 2.052 |
| 17.10.2020 | 15:15 | 15:30 | 2.035 |
| 17.10.2020 | 15:30 | 15:45 | 2.035 |
| 17.10.2020 | 15:45 | 16:00 | 2.023 |
| 17.10.2020 | 16:00 | 16:15 | 2.050 |
| 17.10.2020 | 16:15 | 16:30 | 2.058 |
| 17.10.2020 | 16:30 | 16:45 | 2.048 |
| 17.10.2020 | 16:45 | 17:00 | 2.040 |
| 17.10.2020 | 17:00 | 17:15 | 2.059 |
| 17.10.2020 | 17:15 | 17:30 | 2.091 |
| 17.10.2020 | 17:30 | 17:45 | 2.120 |
| 17.10.2020 | 17:45 | 18:00 | 2.191 |
| 17.10.2020 | 18:00 | 18:15 | 2.232 |
| 17.10.2020 | 18:15 | 18:30 | 2.263 |
| 17.10.2020 | 18:30 | 18:45 | 2.327 |
| 17.10.2020 | 18:45 | 19:00 | 2.398 |
| 17.10.2020 | 19:00 | 19:15 | 2.401 |
| 17.10.2020 | 19:15 | 19:30 | 2.361 |
| 17.10.2020 | 19:30 | 19:45 | 2.306 |
| 17.10.2020 | 19:45 | 20:00 | 2.216 |
| 17.10.2020 | 20:00 | 20:15 | 2.132 |
| 17.10.2020 | 20:15 | 20:30 | 2.002 |
| 17.10.2020 | 20:30 | 20:45 | 1.903 |
| 17.10.2020 | 20:45 | 21:00 | 1.853 |
| 17.10.2020 | 21:00 | 21:15 | 1.787 |
| 17.10.2020 | 21:15 | 21:30 | 1.720 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.10.2020 | 21:30 | 21:45 | 1.674 |
| 17.10.2020 | 21:45 | 22:00 | 1.630 |
| 17.10.2020 | 22:00 | 22:15 | 1.661 |
| 17.10.2020 | 22:15 | 22:30 | 1.599 |
| 17.10.2020 | 22:30 | 22:45 | 1.545 |
| 17.10.2020 | 22:45 | 23:00 | 1.494 |
| 17.10.2020 | 23:00 | 23:15 | 1.437 |
| 17.10.2020 | 23:15 | 23:30 | 1.384 |
| 17.10.2020 | 23:30 | 23:45 | 1.352 |
| 17.10.2020 | 23:45 | 00:00 | 1.305 |
| 18.10.2020 | 00:00 | 00:15 | 1.245 |
| 18.10.2020 | 00:15 | 00:30 | 1.213 |
| 18.10.2020 | 00:30 | 00:45 | 1.216 |
| 18.10.2020 | 00:45 | 01:00 | 1.177 |
| 18.10.2020 | 01:00 | 01:15 | 1.153 |
| 18.10.2020 | 01:15 | 01:30 | 1.121 |
| 18.10.2020 | 01:30 | 01:45 | 1.091 |
| 18.10.2020 | 01:45 | 02:00 | 1.075 |
| 18.10.2020 | 02:00 | 02:15 | 1.061 |
| 18.10.2020 | 02:15 | 02:30 | 1.049 |
| 18.10.2020 | 02:30 | 02:45 | 1.040 |
| 18.10.2020 | 02:45 | 03:00 | 1.031 |
| 18.10.2020 | 03:00 | 03:15 | 1.021 |
| 18.10.2020 | 03:15 | 03:30 | 1.012 |
| 18.10.2020 | 03:30 | 03:45 | 1.011 |
| 18.10.2020 | 03:45 | 04:00 | 1.007 |
| 18.10.2020 | 04:00 | 04:15 | 1.011 |
| 18.10.2020 | 04:15 | 04:30 | 1.012 |
| 18.10.2020 | 04:30 | 04:45 | 1.017 |
| 18.10.2020 | 04:45 | 05:00 | 1.016 |
| 18.10.2020 | 05:00 | 05:15 | 1.026 |
| 18.10.2020 | 05:15 | 05:30 | 1.039 |
| 18.10.2020 | 05:30 | 05:45 | 1.027 |
| 18.10.2020 | 05:45 | 06:00 | 1.031 |
| 18.10.2020 | 06:00 | 06:15 | 1.023 |
| 18.10.2020 | 06:15 | 06:30 | 1.045 |
| 18.10.2020 | 06:30 | 06:45 | 1.056 |
| 18.10.2020 | 06:45 | 07:00 | 1.076 |
| 18.10.2020 | 07:00 | 07:15 | 1.102 |
| 18.10.2020 | 07:15 | 07:30 | 1.134 |
| 18.10.2020 | 07:30 | 07:45 | 1.164 |
| 18.10.2020 | 07:45 | 08:00 | 1.187 |
| 18.10.2020 | 08:00 | 08:15 | 1.242 |
| 18.10.2020 | 08:15 | 08:30 | 1.331 |
| 18.10.2020 | 08:30 | 08:45 | 1.381 |
| 18.10.2020 | 08:45 | 09:00 | 1.422 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.10.2020 | 09:00 | 09:15 | 1.507 |
| 18.10.2020 | 09:15 | 09:30 | 1.549 |
| 18.10.2020 | 09:30 | 09:45 | 1.621 |
| 18.10.2020 | 09:45 | 10:00 | 1.677 |
| 18.10.2020 | 10:00 | 10:15 | 1.733 |
| 18.10.2020 | 10:15 | 10:30 | 1.786 |
| 18.10.2020 | 10:30 | 10:45 | 1.874 |
| 18.10.2020 | 10:45 | 11:00 | 1.923 |
| 18.10.2020 | 11:00 | 11:15 | 1.965 |
| 18.10.2020 | 11:15 | 11:30 | 2.016 |
| 18.10.2020 | 11:30 | 11:45 | 2.061 |
| 18.10.2020 | 11:45 | 12:00 | 2.080 |
| 18.10.2020 | 12:00 | 12:15 | 2.122 |
| 18.10.2020 | 12:15 | 12:30 | 2.142 |
| 18.10.2020 | 12:30 | 12:45 | 2.127 |
| 18.10.2020 | 12:45 | 13:00 | 2.123 |
| 18.10.2020 | 13:00 | 13:15 | 2.094 |
| 18.10.2020 | 13:15 | 13:30 | 2.057 |
| 18.10.2020 | 13:30 | 13:45 | 2.046 |
| 18.10.2020 | 13:45 | 14:00 | 1.971 |
| 18.10.2020 | 14:00 | 14:15 | 1.920 |
| 18.10.2020 | 14:15 | 14:30 | 1.891 |
| 18.10.2020 | 14:30 | 14:45 | 1.838 |
| 18.10.2020 | 14:45 | 15:00 | 1.792 |
| 18.10.2020 | 15:00 | 15:15 | 1.771 |
| 18.10.2020 | 15:15 | 15:30 | 1.763 |
| 18.10.2020 | 15:30 | 15:45 | 1.770 |
| 18.10.2020 | 15:45 | 16:00 | 1.714 |
| 18.10.2020 | 16:00 | 16:15 | 1.728 |
| 18.10.2020 | 16:15 | 16:30 | 1.729 |
| 18.10.2020 | 16:30 | 16:45 | 1.741 |
| 18.10.2020 | 16:45 | 17:00 | 1.746 |
| 18.10.2020 | 17:00 | 17:15 | 1.803 |
| 18.10.2020 | 17:15 | 17:30 | 1.885 |
| 18.10.2020 | 17:30 | 17:45 | 1.931 |
| 18.10.2020 | 17:45 | 18:00 | 1.960 |
| 18.10.2020 | 18:00 | 18:15 | 2.008 |
| 18.10.2020 | 18:15 | 18:30 | 2.025 |
| 18.10.2020 | 18:30 | 18:45 | 2.060 |
| 18.10.2020 | 18:45 | 19:00 | 2.127 |
| 18.10.2020 | 19:00 | 19:15 | 2.118 |
| 18.10.2020 | 19:15 | 19:30 | 2.094 |
| 18.10.2020 | 19:30 | 19:45 | 2.013 |
| 18.10.2020 | 19:45 | 20:00 | 1.923 |
| 18.10.2020 | 20:00 | 20:15 | 1.875 |
| 18.10.2020 | 20:15 | 20:30 | 1.787 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.10.2020 | 20:30 | 20:45 | 1.715 |
| 18.10.2020 | 20:45 | 21:00 | 1.656 |
| 18.10.2020 | 21:00 | 21:15 | 1.571 |
| 18.10.2020 | 21:15 | 21:30 | 1.536 |
| 18.10.2020 | 21:30 | 21:45 | 1.478 |
| 18.10.2020 | 21:45 | 22:00 | 1.449 |
| 18.10.2020 | 22:00 | 22:15 | 1.481 |
| 18.10.2020 | 22:15 | 22:30 | 1.425 |
| 18.10.2020 | 22:30 | 22:45 | 1.384 |
| 18.10.2020 | 22:45 | 23:00 | 1.346 |
| 18.10.2020 | 23:00 | 23:15 | 1.298 |
| 18.10.2020 | 23:15 | 23:30 | 1.253 |
| 18.10.2020 | 23:30 | 23:45 | 1.204 |
| 18.10.2020 | 23:45 | 00:00 | 1.147 |
| 19.10.2020 | 00:00 | 00:15 | 1.107 |
| 19.10.2020 | 00:15 | 00:30 | 1.079 |
| 19.10.2020 | 00:30 | 00:45 | 1.040 |
| 19.10.2020 | 00:45 | 01:00 | 1.037 |
| 19.10.2020 | 01:00 | 01:15 | 1.062 |
| 19.10.2020 | 01:15 | 01:30 | 1.052 |
| 19.10.2020 | 01:30 | 01:45 | 1.050 |
| 19.10.2020 | 01:45 | 02:00 | 1.027 |
| 19.10.2020 | 02:00 | 02:15 | 1.020 |
| 19.10.2020 | 02:15 | 02:30 | 1.016 |
| 19.10.2020 | 02:30 | 02:45 | 1.014 |
| 19.10.2020 | 02:45 | 03:00 | 1.012 |
| 19.10.2020 | 03:00 | 03:15 | 1.010 |
| 19.10.2020 | 03:15 | 03:30 | 1.014 |
| 19.10.2020 | 03:30 | 03:45 | 1.019 |
| 19.10.2020 | 03:45 | 04:00 | 1.030 |
| 19.10.2020 | 04:00 | 04:15 | 1.050 |
| 19.10.2020 | 04:15 | 04:30 | 1.061 |
| 19.10.2020 | 04:30 | 04:45 | 1.093 |
| 19.10.2020 | 04:45 | 05:00 | 1.108 |
| 19.10.2020 | 05:00 | 05:15 | 1.170 |
| 19.10.2020 | 05:15 | 05:30 | 1.215 |
| 19.10.2020 | 05:30 | 05:45 | 1.288 |
| 19.10.2020 | 05:45 | 06:00 | 1.367 |
| 19.10.2020 | 06:00 | 06:15 | 1.482 |
| 19.10.2020 | 06:15 | 06:30 | 1.595 |
| 19.10.2020 | 06:30 | 06:45 | 1.670 |
| 19.10.2020 | 06:45 | 07:00 | 1.787 |
| 19.10.2020 | 07:00 | 07:15 | 1.905 |
| 19.10.2020 | 07:15 | 07:30 | 1.977 |
| 19.10.2020 | 07:30 | 07:45 | 2.046 |
| 19.10.2020 | 07:45 | 08:00 | 2.084 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.10.2020 | 08:00 | 08:15 | 2.131 |
| 19.10.2020 | 08:15 | 08:30 | 2.182 |
| 19.10.2020 | 08:30 | 08:45 | 2.260 |
| 19.10.2020 | 08:45 | 09:00 | 2.304 |
| 19.10.2020 | 09:00 | 09:15 | 2.366 |
| 19.10.2020 | 09:15 | 09:30 | 2.384 |
| 19.10.2020 | 09:30 | 09:45 | 2.447 |
| 19.10.2020 | 09:45 | 10:00 | 2.481 |
| 19.10.2020 | 10:00 | 10:15 | 2.524 |
| 19.10.2020 | 10:15 | 10:30 | 2.567 |
| 19.10.2020 | 10:30 | 10:45 | 2.557 |
| 19.10.2020 | 10:45 | 11:00 | 2.614 |
| 19.10.2020 | 11:00 | 11:15 | 2.616 |
| 19.10.2020 | 11:15 | 11:30 | 2.635 |
| 19.10.2020 | 11:30 | 11:45 | 2.624 |
| 19.10.2020 | 11:45 | 12:00 | 2.699 |
| 19.10.2020 | 12:00 | 12:15 | 2.703 |
| 19.10.2020 | 12:15 | 12:30 | 2.731 |
| 19.10.2020 | 12:30 | 12:45 | 2.738 |
| 19.10.2020 | 12:45 | 13:00 | 2.720 |
| 19.10.2020 | 13:00 | 13:15 | 2.673 |
| 19.10.2020 | 13:15 | 13:30 | 2.629 |
| 19.10.2020 | 13:30 | 13:45 | 2.586 |
| 19.10.2020 | 13:45 | 14:00 | 2.501 |
| 19.10.2020 | 14:00 | 14:15 | 2.473 |
| 19.10.2020 | 14:15 | 14:30 | 2.482 |
| 19.10.2020 | 14:30 | 14:45 | 2.462 |
| 19.10.2020 | 14:45 | 15:00 | 2.372 |
| 19.10.2020 | 15:00 | 15:15 | 2.336 |
| 19.10.2020 | 15:15 | 15:30 | 2.343 |
| 19.10.2020 | 15:30 | 15:45 | 2.383 |
| 19.10.2020 | 15:45 | 16:00 | 2.456 |
| 19.10.2020 | 16:00 | 16:15 | 2.394 |
| 19.10.2020 | 16:15 | 16:30 | 2.362 |
| 19.10.2020 | 16:30 | 16:45 | 2.372 |
| 19.10.2020 | 16:45 | 17:00 | 2.371 |
| 19.10.2020 | 17:00 | 17:15 | 2.414 |
| 19.10.2020 | 17:15 | 17:30 | 2.440 |
| 19.10.2020 | 17:30 | 17:45 | 2.473 |
| 19.10.2020 | 17:45 | 18:00 | 2.542 |
| 19.10.2020 | 18:00 | 18:15 | 2.593 |
| 19.10.2020 | 18:15 | 18:30 | 2.654 |
| 19.10.2020 | 18:30 | 18:45 | 2.739 |
| 19.10.2020 | 18:45 | 19:00 | 2.876 |
| 19.10.2020 | 19:00 | 19:15 | 2.851 |
| 19.10.2020 | 19:15 | 19:30 | 2.813 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.10.2020 | 19:30 | 19:45 | 2.754 |
| 19.10.2020 | 19:45 | 20:00 | 2.673 |
| 19.10.2020 | 20:00 | 20:15 | 2.501 |
| 19.10.2020 | 20:15 | 20:30 | 2.343 |
| 19.10.2020 | 20:30 | 20:45 | 2.255 |
| 19.10.2020 | 20:45 | 21:00 | 2.173 |
| 19.10.2020 | 21:00 | 21:15 | 2.074 |
| 19.10.2020 | 21:15 | 21:30 | 1.964 |
| 19.10.2020 | 21:30 | 21:45 | 1.866 |
| 19.10.2020 | 21:45 | 22:00 | 1.757 |
| 19.10.2020 | 22:00 | 22:15 | 1.736 |
| 19.10.2020 | 22:15 | 22:30 | 1.709 |
| 19.10.2020 | 22:30 | 22:45 | 1.645 |
| 19.10.2020 | 22:45 | 23:00 | 1.587 |
| 19.10.2020 | 23:00 | 23:15 | 1.519 |
| 19.10.2020 | 23:15 | 23:30 | 1.465 |
| 19.10.2020 | 23:30 | 23:45 | 1.411 |
| 19.10.2020 | 23:45 | 00:00 | 1.409 |
| 20.10.2020 | 00:00 | 00:15 | 1.356 |
| 20.10.2020 | 00:15 | 00:30 | 1.312 |
| 20.10.2020 | 00:30 | 00:45 | 1.280 |
| 20.10.2020 | 00:45 | 01:00 | 1.249 |
| 20.10.2020 | 01:00 | 01:15 | 1.210 |
| 20.10.2020 | 01:15 | 01:30 | 1.185 |
| 20.10.2020 | 01:30 | 01:45 | 1.158 |
| 20.10.2020 | 01:45 | 02:00 | 1.158 |
| 20.10.2020 | 02:00 | 02:15 | 1.140 |
| 20.10.2020 | 02:15 | 02:30 | 1.120 |
| 20.10.2020 | 02:30 | 02:45 | 1.112 |
| 20.10.2020 | 02:45 | 03:00 | 1.109 |
| 20.10.2020 | 03:00 | 03:15 | 1.122 |
| 20.10.2020 | 03:15 | 03:30 | 1.134 |
| 20.10.2020 | 03:30 | 03:45 | 1.123 |
| 20.10.2020 | 03:45 | 04:00 | 1.134 |
| 20.10.2020 | 04:00 | 04:15 | 1.163 |
| 20.10.2020 | 04:15 | 04:30 | 1.174 |
| 20.10.2020 | 04:30 | 04:45 | 1.208 |
| 20.10.2020 | 04:45 | 05:00 | 1.232 |
| 20.10.2020 | 05:00 | 05:15 | 1.289 |
| 20.10.2020 | 05:15 | 05:30 | 1.314 |
| 20.10.2020 | 05:30 | 05:45 | 1.334 |
| 20.10.2020 | 05:45 | 06:00 | 1.412 |
| 20.10.2020 | 06:00 | 06:15 | 1.524 |
| 20.10.2020 | 06:15 | 06:30 | 1.543 |
| 20.10.2020 | 06:30 | 06:45 | 1.581 |
| 20.10.2020 | 06:45 | 07:00 | 1.652 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.10.2020 | 07:00 | 07:15 | 1.755 |
| 20.10.2020 | 07:15 | 07:30 | 1.839 |
| 20.10.2020 | 07:30 | 07:45 | 1.919 |
| 20.10.2020 | 07:45 | 08:00 | 1.967 |
| 20.10.2020 | 08:00 | 08:15 | 2.071 |
| 20.10.2020 | 08:15 | 08:30 | 2.095 |
| 20.10.2020 | 08:30 | 08:45 | 2.136 |
| 20.10.2020 | 08:45 | 09:00 | 2.174 |
| 20.10.2020 | 09:00 | 09:15 | 2.230 |
| 20.10.2020 | 09:15 | 09:30 | 2.294 |
| 20.10.2020 | 09:30 | 09:45 | 2.336 |
| 20.10.2020 | 09:45 | 10:00 | 2.356 |
| 20.10.2020 | 10:00 | 10:15 | 2.347 |
| 20.10.2020 | 10:15 | 10:30 | 2.392 |
| 20.10.2020 | 10:30 | 10:45 | 2.401 |
| 20.10.2020 | 10:45 | 11:00 | 2.451 |
| 20.10.2020 | 11:00 | 11:15 | 2.504 |
| 20.10.2020 | 11:15 | 11:30 | 2.586 |
| 20.10.2020 | 11:30 | 11:45 | 2.636 |
| 20.10.2020 | 11:45 | 12:00 | 2.673 |
| 20.10.2020 | 12:00 | 12:15 | 2.686 |
| 20.10.2020 | 12:15 | 12:30 | 2.726 |
| 20.10.2020 | 12:30 | 12:45 | 2.731 |
| 20.10.2020 | 12:45 | 13:00 | 2.732 |
| 20.10.2020 | 13:00 | 13:15 | 2.742 |
| 20.10.2020 | 13:15 | 13:30 | 2.723 |
| 20.10.2020 | 13:30 | 13:45 | 2.625 |
| 20.10.2020 | 13:45 | 14:00 | 2.593 |
| 20.10.2020 | 14:00 | 14:15 | 2.566 |
| 20.10.2020 | 14:15 | 14:30 | 2.530 |
| 20.10.2020 | 14:30 | 14:45 | 2.498 |
| 20.10.2020 | 14:45 | 15:00 | 2.478 |
| 20.10.2020 | 15:00 | 15:15 | 2.470 |
| 20.10.2020 | 15:15 | 15:30 | 2.489 |
| 20.10.2020 | 15:30 | 15:45 | 2.456 |
| 20.10.2020 | 15:45 | 16:00 | 2.451 |
| 20.10.2020 | 16:00 | 16:15 | 2.467 |
| 20.10.2020 | 16:15 | 16:30 | 2.467 |
| 20.10.2020 | 16:30 | 16:45 | 2.510 |
| 20.10.2020 | 16:45 | 17:00 | 2.504 |
| 20.10.2020 | 17:00 | 17:15 | 2.558 |
| 20.10.2020 | 17:15 | 17:30 | 2.588 |
| 20.10.2020 | 17:30 | 17:45 | 2.592 |
| 20.10.2020 | 17:45 | 18:00 | 2.666 |
| 20.10.2020 | 18:00 | 18:15 | 2.690 |
| 20.10.2020 | 18:15 | 18:30 | 2.754 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.10.2020 | 18:30 | 18:45 | 2.835 |
| 20.10.2020 | 18:45 | 19:00 | 2.930 |
| 20.10.2020 | 19:00 | 19:15 | 2.957 |
| 20.10.2020 | 19:15 | 19:30 | 2.888 |
| 20.10.2020 | 19:30 | 19:45 | 2.766 |
| 20.10.2020 | 19:45 | 20:00 | 2.666 |
| 20.10.2020 | 20:00 | 20:15 | 2.530 |
| 20.10.2020 | 20:15 | 20:30 | 2.440 |
| 20.10.2020 | 20:30 | 20:45 | 2.340 |
| 20.10.2020 | 20:45 | 21:00 | 2.246 |
| 20.10.2020 | 21:00 | 21:15 | 2.129 |
| 20.10.2020 | 21:15 | 21:30 | 1.985 |
| 20.10.2020 | 21:30 | 21:45 | 1.869 |
| 20.10.2020 | 21:45 | 22:00 | 1.748 |
| 20.10.2020 | 22:00 | 22:15 | 1.749 |
| 20.10.2020 | 22:15 | 22:30 | 1.719 |
| 20.10.2020 | 22:30 | 22:45 | 1.682 |
| 20.10.2020 | 22:45 | 23:00 | 1.653 |
| 20.10.2020 | 23:00 | 23:15 | 1.588 |
| 20.10.2020 | 23:15 | 23:30 | 1.522 |
| 20.10.2020 | 23:30 | 23:45 | 1.472 |
| 20.10.2020 | 23:45 | 00:00 | 1.403 |
| 21.10.2020 | 00:00 | 00:15 | 1.307 |
| 21.10.2020 | 00:15 | 00:30 | 1.245 |
| 21.10.2020 | 00:30 | 00:45 | 1.205 |
| 21.10.2020 | 00:45 | 01:00 | 1.184 |
| 21.10.2020 | 01:00 | 01:15 | 1.149 |
| 21.10.2020 | 01:15 | 01:30 | 1.118 |
| 21.10.2020 | 01:30 | 01:45 | 1.103 |
| 21.10.2020 | 01:45 | 02:00 | 1.092 |
| 21.10.2020 | 02:00 | 02:15 | 1.090 |
| 21.10.2020 | 02:15 | 02:30 | 1.083 |
| 21.10.2020 | 02:30 | 02:45 | 1.076 |
| 21.10.2020 | 02:45 | 03:00 | 1.065 |
| 21.10.2020 | 03:00 | 03:15 | 1.055 |
| 21.10.2020 | 03:15 | 03:30 | 1.048 |
| 21.10.2020 | 03:30 | 03:45 | 1.054 |
| 21.10.2020 | 03:45 | 04:00 | 1.068 |
| 21.10.2020 | 04:00 | 04:15 | 1.085 |
| 21.10.2020 | 04:15 | 04:30 | 1.108 |
| 21.10.2020 | 04:30 | 04:45 | 1.125 |
| 21.10.2020 | 04:45 | 05:00 | 1.158 |
| 21.10.2020 | 05:00 | 05:15 | 1.200 |
| 21.10.2020 | 05:15 | 05:30 | 1.206 |
| 21.10.2020 | 05:30 | 05:45 | 1.263 |
| 21.10.2020 | 05:45 | 06:00 | 1.335 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.10.2020 | 06:00 | 06:15 | 1.440 |
| 21.10.2020 | 06:15 | 06:30 | 1.583 |
| 21.10.2020 | 06:30 | 06:45 | 1.677 |
| 21.10.2020 | 06:45 | 07:00 | 1.756 |
| 21.10.2020 | 07:00 | 07:15 | 1.866 |
| 21.10.2020 | 07:15 | 07:30 | 1.960 |
| 21.10.2020 | 07:30 | 07:45 | 2.053 |
| 21.10.2020 | 07:45 | 08:00 | 2.146 |
| 21.10.2020 | 08:00 | 08:15 | 2.186 |
| 21.10.2020 | 08:15 | 08:30 | 2.233 |
| 21.10.2020 | 08:30 | 08:45 | 2.262 |
| 21.10.2020 | 08:45 | 09:00 | 2.311 |
| 21.10.2020 | 09:00 | 09:15 | 2.316 |
| 21.10.2020 | 09:15 | 09:30 | 2.360 |
| 21.10.2020 | 09:30 | 09:45 | 2.394 |
| 21.10.2020 | 09:45 | 10:00 | 2.453 |
| 21.10.2020 | 10:00 | 10:15 | 2.516 |
| 21.10.2020 | 10:15 | 10:30 | 2.547 |
| 21.10.2020 | 10:30 | 10:45 | 2.586 |
| 21.10.2020 | 10:45 | 11:00 | 2.642 |
| 21.10.2020 | 11:00 | 11:15 | 2.661 |
| 21.10.2020 | 11:15 | 11:30 | 2.734 |
| 21.10.2020 | 11:30 | 11:45 | 2.753 |
| 21.10.2020 | 11:45 | 12:00 | 2.715 |
| 21.10.2020 | 12:00 | 12:15 | 2.693 |
| 21.10.2020 | 12:15 | 12:30 | 2.770 |
| 21.10.2020 | 12:30 | 12:45 | 2.780 |
| 21.10.2020 | 12:45 | 13:00 | 2.773 |
| 21.10.2020 | 13:00 | 13:15 | 2.750 |
| 21.10.2020 | 13:15 | 13:30 | 2.705 |
| 21.10.2020 | 13:30 | 13:45 | 2.658 |
| 21.10.2020 | 13:45 | 14:00 | 2.599 |
| 21.10.2020 | 14:00 | 14:15 | 2.572 |
| 21.10.2020 | 14:15 | 14:30 | 2.540 |
| 21.10.2020 | 14:30 | 14:45 | 2.497 |
| 21.10.2020 | 14:45 | 15:00 | 2.378 |
| 21.10.2020 | 15:00 | 15:15 | 2.368 |
| 21.10.2020 | 15:15 | 15:30 | 2.344 |
| 21.10.2020 | 15:30 | 15:45 | 2.319 |
| 21.10.2020 | 15:45 | 16:00 | 2.312 |
| 21.10.2020 | 16:00 | 16:15 | 2.300 |
| 21.10.2020 | 16:15 | 16:30 | 2.287 |
| 21.10.2020 | 16:30 | 16:45 | 2.277 |
| 21.10.2020 | 16:45 | 17:00 | 2.342 |
| 21.10.2020 | 17:00 | 17:15 | 2.359 |
| 21.10.2020 | 17:15 | 17:30 | 2.360 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.10.2020 | 17:30 | 17:45 | 2.362 |
| 21.10.2020 | 17:45 | 18:00 | 2.399 |
| 21.10.2020 | 18:00 | 18:15 | 2.548 |
| 21.10.2020 | 18:15 | 18:30 | 2.623 |
| 21.10.2020 | 18:30 | 18:45 | 2.712 |
| 21.10.2020 | 18:45 | 19:00 | 2.881 |
| 21.10.2020 | 19:00 | 19:15 | 2.913 |
| 21.10.2020 | 19:15 | 19:30 | 2.875 |
| 21.10.2020 | 19:30 | 19:45 | 2.827 |
| 21.10.2020 | 19:45 | 20:00 | 2.740 |
| 21.10.2020 | 20:00 | 20:15 | 2.592 |
| 21.10.2020 | 20:15 | 20:30 | 2.444 |
| 21.10.2020 | 20:30 | 20:45 | 2.337 |
| 21.10.2020 | 20:45 | 21:00 | 2.255 |
| 21.10.2020 | 21:00 | 21:15 | 2.148 |
| 21.10.2020 | 21:15 | 21:30 | 2.028 |
| 21.10.2020 | 21:30 | 21:45 | 1.919 |
| 21.10.2020 | 21:45 | 22:00 | 1.811 |
| 21.10.2020 | 22:00 | 22:15 | 1.804 |
| 21.10.2020 | 22:15 | 22:30 | 1.761 |
| 21.10.2020 | 22:30 | 22:45 | 1.721 |
| 21.10.2020 | 22:45 | 23:00 | 1.642 |
| 21.10.2020 | 23:00 | 23:15 | 1.558 |
| 21.10.2020 | 23:15 | 23:30 | 1.508 |
| 21.10.2020 | 23:30 | 23:45 | 1.434 |
| 21.10.2020 | 23:45 | 00:00 | 1.391 |
| 22.10.2020 | 00:00 | 00:15 | 1.343 |
| 22.10.2020 | 00:15 | 00:30 | 1.297 |
| 22.10.2020 | 00:30 | 00:45 | 1.260 |
| 22.10.2020 | 00:45 | 01:00 | 1.215 |
| 22.10.2020 | 01:00 | 01:15 | 1.178 |
| 22.10.2020 | 01:15 | 01:30 | 1.140 |
| 22.10.2020 | 01:30 | 01:45 | 1.129 |
| 22.10.2020 | 01:45 | 02:00 | 1.099 |
| 22.10.2020 | 02:00 | 02:15 | 1.062 |
| 22.10.2020 | 02:15 | 02:30 | 1.052 |
| 22.10.2020 | 02:30 | 02:45 | 1.043 |
| 22.10.2020 | 02:45 | 03:00 | 1.032 |
| 22.10.2020 | 03:00 | 03:15 | 1.013 |
| 22.10.2020 | 03:15 | 03:30 | 1.001 |
| 22.10.2020 | 03:30 | 03:45 | 1.020 |
| 22.10.2020 | 03:45 | 04:00 | 1.035 |
| 22.10.2020 | 04:00 | 04:15 | 1.053 |
| 22.10.2020 | 04:15 | 04:30 | 1.066 |
| 22.10.2020 | 04:30 | 04:45 | 1.099 |
| 22.10.2020 | 04:45 | 05:00 | 1.128 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.10.2020 | 05:00 | 05:15 | 1.180 |
| 22.10.2020 | 05:15 | 05:30 | 1.224 |
| 22.10.2020 | 05:30 | 05:45 | 1.274 |
| 22.10.2020 | 05:45 | 06:00 | 1.347 |
| 22.10.2020 | 06:00 | 06:15 | 1.474 |
| 22.10.2020 | 06:15 | 06:30 | 1.574 |
| 22.10.2020 | 06:30 | 06:45 | 1.632 |
| 22.10.2020 | 06:45 | 07:00 | 1.719 |
| 22.10.2020 | 07:00 | 07:15 | 1.836 |
| 22.10.2020 | 07:15 | 07:30 | 1.902 |
| 22.10.2020 | 07:30 | 07:45 | 1.976 |
| 22.10.2020 | 07:45 | 08:00 | 2.041 |
| 22.10.2020 | 08:00 | 08:15 | 2.090 |
| 22.10.2020 | 08:15 | 08:30 | 2.115 |
| 22.10.2020 | 08:30 | 08:45 | 2.175 |
| 22.10.2020 | 08:45 | 09:00 | 2.166 |
| 22.10.2020 | 09:00 | 09:15 | 2.213 |
| 22.10.2020 | 09:15 | 09:30 | 2.255 |
| 22.10.2020 | 09:30 | 09:45 | 2.296 |
| 22.10.2020 | 09:45 | 10:00 | 2.335 |
| 22.10.2020 | 10:00 | 10:15 | 2.328 |
| 22.10.2020 | 10:15 | 10:30 | 2.345 |
| 22.10.2020 | 10:30 | 10:45 | 2.399 |
| 22.10.2020 | 10:45 | 11:00 | 2.472 |
| 22.10.2020 | 11:00 | 11:15 | 2.483 |
| 22.10.2020 | 11:15 | 11:30 | 2.553 |
| 22.10.2020 | 11:30 | 11:45 | 2.576 |
| 22.10.2020 | 11:45 | 12:00 | 2.630 |
| 22.10.2020 | 12:00 | 12:15 | 2.642 |
| 22.10.2020 | 12:15 | 12:30 | 2.633 |
| 22.10.2020 | 12:30 | 12:45 | 2.641 |
| 22.10.2020 | 12:45 | 13:00 | 2.691 |
| 22.10.2020 | 13:00 | 13:15 | 2.718 |
| 22.10.2020 | 13:15 | 13:30 | 2.689 |
| 22.10.2020 | 13:30 | 13:45 | 2.621 |
| 22.10.2020 | 13:45 | 14:00 | 2.549 |
| 22.10.2020 | 14:00 | 14:15 | 2.545 |
| 22.10.2020 | 14:15 | 14:30 | 2.517 |
| 22.10.2020 | 14:30 | 14:45 | 2.473 |
| 22.10.2020 | 14:45 | 15:00 | 2.410 |
| 22.10.2020 | 15:00 | 15:15 | 2.396 |
| 22.10.2020 | 15:15 | 15:30 | 2.362 |
| 22.10.2020 | 15:30 | 15:45 | 2.338 |
| 22.10.2020 | 15:45 | 16:00 | 2.327 |
| 22.10.2020 | 16:00 | 16:15 | 2.359 |
| 22.10.2020 | 16:15 | 16:30 | 2.363 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.10.2020 | 16:30 | 16:45 | 2.308 |
| 22.10.2020 | 16:45 | 17:00 | 2.327 |
| 22.10.2020 | 17:00 | 17:15 | 2.378 |
| 22.10.2020 | 17:15 | 17:30 | 2.464 |
| 22.10.2020 | 17:30 | 17:45 | 2.534 |
| 22.10.2020 | 17:45 | 18:00 | 2.508 |
| 22.10.2020 | 18:00 | 18:15 | 2.544 |
| 22.10.2020 | 18:15 | 18:30 | 2.583 |
| 22.10.2020 | 18:30 | 18:45 | 2.726 |
| 22.10.2020 | 18:45 | 19:00 | 2.898 |
| 22.10.2020 | 19:00 | 19:15 | 2.870 |
| 22.10.2020 | 19:15 | 19:30 | 2.791 |
| 22.10.2020 | 19:30 | 19:45 | 2.729 |
| 22.10.2020 | 19:45 | 20:00 | 2.634 |
| 22.10.2020 | 20:00 | 20:15 | 2.518 |
| 22.10.2020 | 20:15 | 20:30 | 2.360 |
| 22.10.2020 | 20:30 | 20:45 | 2.268 |
| 22.10.2020 | 20:45 | 21:00 | 2.228 |
| 22.10.2020 | 21:00 | 21:15 | 2.127 |
| 22.10.2020 | 21:15 | 21:30 | 2.059 |
| 22.10.2020 | 21:30 | 21:45 | 1.941 |
| 22.10.2020 | 21:45 | 22:00 | 1.829 |
| 22.10.2020 | 22:00 | 22:15 | 1.816 |
| 22.10.2020 | 22:15 | 22:30 | 1.777 |
| 22.10.2020 | 22:30 | 22:45 | 1.741 |
| 22.10.2020 | 22:45 | 23:00 | 1.669 |
| 22.10.2020 | 23:00 | 23:15 | 1.582 |
| 22.10.2020 | 23:15 | 23:30 | 1.530 |
| 22.10.2020 | 23:30 | 23:45 | 1.457 |
| 22.10.2020 | 23:45 | 00:00 | 1.394 |
| 23.10.2020 | 00:00 | 00:15 | 1.337 |
| 23.10.2020 | 00:15 | 00:30 | 1.294 |
| 23.10.2020 | 00:30 | 00:45 | 1.266 |
| 23.10.2020 | 00:45 | 01:00 | 1.236 |
| 23.10.2020 | 01:00 | 01:15 | 1.195 |
| 23.10.2020 | 01:15 | 01:30 | 1.181 |
| 23.10.2020 | 01:30 | 01:45 | 1.192 |
| 23.10.2020 | 01:45 | 02:00 | 1.185 |
| 23.10.2020 | 02:00 | 02:15 | 1.161 |
| 23.10.2020 | 02:15 | 02:30 | 1.148 |
| 23.10.2020 | 02:30 | 02:45 | 1.141 |
| 23.10.2020 | 02:45 | 03:00 | 1.129 |
| 23.10.2020 | 03:00 | 03:15 | 1.130 |
| 23.10.2020 | 03:15 | 03:30 | 1.131 |
| 23.10.2020 | 03:30 | 03:45 | 1.126 |
| 23.10.2020 | 03:45 | 04:00 | 1.120 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.10.2020 | 04:00 | 04:15 | 1.144 |
| 23.10.2020 | 04:15 | 04:30 | 1.161 |
| 23.10.2020 | 04:30 | 04:45 | 1.188 |
| 23.10.2020 | 04:45 | 05:00 | 1.218 |
| 23.10.2020 | 05:00 | 05:15 | 1.272 |
| 23.10.2020 | 05:15 | 05:30 | 1.307 |
| 23.10.2020 | 05:30 | 05:45 | 1.362 |
| 23.10.2020 | 05:45 | 06:00 | 1.459 |
| 23.10.2020 | 06:00 | 06:15 | 1.555 |
| 23.10.2020 | 06:15 | 06:30 | 1.681 |
| 23.10.2020 | 06:30 | 06:45 | 1.769 |
| 23.10.2020 | 06:45 | 07:00 | 1.853 |
| 23.10.2020 | 07:00 | 07:15 | 1.954 |
| 23.10.2020 | 07:15 | 07:30 | 2.037 |
| 23.10.2020 | 07:30 | 07:45 | 2.087 |
| 23.10.2020 | 07:45 | 08:00 | 2.152 |
| 23.10.2020 | 08:00 | 08:15 | 2.206 |
| 23.10.2020 | 08:15 | 08:30 | 2.251 |
| 23.10.2020 | 08:30 | 08:45 | 2.302 |
| 23.10.2020 | 08:45 | 09:00 | 2.346 |
| 23.10.2020 | 09:00 | 09:15 | 2.395 |
| 23.10.2020 | 09:15 | 09:30 | 2.410 |
| 23.10.2020 | 09:30 | 09:45 | 2.463 |
| 23.10.2020 | 09:45 | 10:00 | 2.520 |
| 23.10.2020 | 10:00 | 10:15 | 2.547 |
| 23.10.2020 | 10:15 | 10:30 | 2.572 |
| 23.10.2020 | 10:30 | 10:45 | 2.618 |
| 23.10.2020 | 10:45 | 11:00 | 2.660 |
| 23.10.2020 | 11:00 | 11:15 | 2.720 |
| 23.10.2020 | 11:15 | 11:30 | 2.769 |
| 23.10.2020 | 11:30 | 11:45 | 2.702 |
| 23.10.2020 | 11:45 | 12:00 | 2.647 |
| 23.10.2020 | 12:00 | 12:15 | 2.652 |
| 23.10.2020 | 12:15 | 12:30 | 2.689 |
| 23.10.2020 | 12:30 | 12:45 | 2.701 |
| 23.10.2020 | 12:45 | 13:00 | 2.660 |
| 23.10.2020 | 13:00 | 13:15 | 2.633 |
| 23.10.2020 | 13:15 | 13:30 | 2.614 |
| 23.10.2020 | 13:30 | 13:45 | 2.555 |
| 23.10.2020 | 13:45 | 14:00 | 2.491 |
| 23.10.2020 | 14:00 | 14:15 | 2.454 |
| 23.10.2020 | 14:15 | 14:30 | 2.449 |
| 23.10.2020 | 14:30 | 14:45 | 2.437 |
| 23.10.2020 | 14:45 | 15:00 | 2.388 |
| 23.10.2020 | 15:00 | 15:15 | 2.384 |
| 23.10.2020 | 15:15 | 15:30 | 2.339 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.10.2020 | 15:30 | 15:45 | 2.320 |
| 23.10.2020 | 15:45 | 16:00 | 2.303 |
| 23.10.2020 | 16:00 | 16:15 | 2.302 |
| 23.10.2020 | 16:15 | 16:30 | 2.299 |
| 23.10.2020 | 16:30 | 16:45 | 2.285 |
| 23.10.2020 | 16:45 | 17:00 | 2.247 |
| 23.10.2020 | 17:00 | 17:15 | 2.247 |
| 23.10.2020 | 17:15 | 17:30 | 2.273 |
| 23.10.2020 | 17:30 | 17:45 | 2.317 |
| 23.10.2020 | 17:45 | 18:00 | 2.374 |
| 23.10.2020 | 18:00 | 18:15 | 2.421 |
| 23.10.2020 | 18:15 | 18:30 | 2.521 |
| 23.10.2020 | 18:30 | 18:45 | 2.621 |
| 23.10.2020 | 18:45 | 19:00 | 2.698 |
| 23.10.2020 | 19:00 | 19:15 | 2.685 |
| 23.10.2020 | 19:15 | 19:30 | 2.656 |
| 23.10.2020 | 19:30 | 19:45 | 2.592 |
| 23.10.2020 | 19:45 | 20:00 | 2.535 |
| 23.10.2020 | 20:00 | 20:15 | 2.392 |
| 23.10.2020 | 20:15 | 20:30 | 2.277 |
| 23.10.2020 | 20:30 | 20:45 | 2.174 |
| 23.10.2020 | 20:45 | 21:00 | 2.116 |
| 23.10.2020 | 21:00 | 21:15 | 2.023 |
| 23.10.2020 | 21:15 | 21:30 | 1.933 |
| 23.10.2020 | 21:30 | 21:45 | 1.849 |
| 23.10.2020 | 21:45 | 22:00 | 1.753 |
| 23.10.2020 | 22:00 | 22:15 | 1.744 |
| 23.10.2020 | 22:15 | 22:30 | 1.670 |
| 23.10.2020 | 22:30 | 22:45 | 1.641 |
| 23.10.2020 | 22:45 | 23:00 | 1.604 |
| 23.10.2020 | 23:00 | 23:15 | 1.538 |
| 23.10.2020 | 23:15 | 23:30 | 1.483 |
| 23.10.2020 | 23:30 | 23:45 | 1.418 |
| 23.10.2020 | 23:45 | 00:00 | 1.358 |
| 24.10.2020 | 00:00 | 00:15 | 1.304 |
| 24.10.2020 | 00:15 | 00:30 | 1.256 |
| 24.10.2020 | 00:30 | 00:45 | 1.217 |
| 24.10.2020 | 00:45 | 01:00 | 1.185 |
| 24.10.2020 | 01:00 | 01:15 | 1.154 |
| 24.10.2020 | 01:15 | 01:30 | 1.121 |
| 24.10.2020 | 01:30 | 01:45 | 1.093 |
| 24.10.2020 | 01:45 | 02:00 | 1.076 |
| 24.10.2020 | 02:00 | 02:15 | 1.060 |
| 24.10.2020 | 02:15 | 02:30 | 1.048 |
| 24.10.2020 | 02:30 | 02:45 | 1.037 |
| 24.10.2020 | 02:45 | 03:00 | 1.028 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.10.2020 | 03:00 | 03:15 | 1.017 |
| 24.10.2020 | 03:15 | 03:30 | 1.003 |
| 24.10.2020 | 03:30 | 03:45 | 1.002 |
| 24.10.2020 | 03:45 | 04:00 | 1.005 |
| 24.10.2020 | 04:00 | 04:15 | 1.009 |
| 24.10.2020 | 04:15 | 04:30 | 1.010 |
| 24.10.2020 | 04:30 | 04:45 | 1.012 |
| 24.10.2020 | 04:45 | 05:00 | 1.024 |
| 24.10.2020 | 05:00 | 05:15 | 1.048 |
| 24.10.2020 | 05:15 | 05:30 | 1.064 |
| 24.10.2020 | 05:30 | 05:45 | 1.077 |
| 24.10.2020 | 05:45 | 06:00 | 1.108 |
| 24.10.2020 | 06:00 | 06:15 | 1.137 |
| 24.10.2020 | 06:15 | 06:30 | 1.167 |
| 24.10.2020 | 06:30 | 06:45 | 1.163 |
| 24.10.2020 | 06:45 | 07:00 | 1.166 |
| 24.10.2020 | 07:00 | 07:15 | 1.212 |
| 24.10.2020 | 07:15 | 07:30 | 1.258 |
| 24.10.2020 | 07:30 | 07:45 | 1.311 |
| 24.10.2020 | 07:45 | 08:00 | 1.352 |
| 24.10.2020 | 08:00 | 08:15 | 1.391 |
| 24.10.2020 | 08:15 | 08:30 | 1.456 |
| 24.10.2020 | 08:30 | 08:45 | 1.500 |
| 24.10.2020 | 08:45 | 09:00 | 1.553 |
| 24.10.2020 | 09:00 | 09:15 | 1.617 |
| 24.10.2020 | 09:15 | 09:30 | 1.690 |
| 24.10.2020 | 09:30 | 09:45 | 1.755 |
| 24.10.2020 | 09:45 | 10:00 | 1.808 |
| 24.10.2020 | 10:00 | 10:15 | 1.855 |
| 24.10.2020 | 10:15 | 10:30 | 1.884 |
| 24.10.2020 | 10:30 | 10:45 | 1.920 |
| 24.10.2020 | 10:45 | 11:00 | 1.952 |
| 24.10.2020 | 11:00 | 11:15 | 1.994 |
| 24.10.2020 | 11:15 | 11:30 | 1.997 |
| 24.10.2020 | 11:30 | 11:45 | 2.030 |
| 24.10.2020 | 11:45 | 12:00 | 2.002 |
| 24.10.2020 | 12:00 | 12:15 | 2.030 |
| 24.10.2020 | 12:15 | 12:30 | 2.129 |
| 24.10.2020 | 12:30 | 12:45 | 2.127 |
| 24.10.2020 | 12:45 | 13:00 | 2.042 |
| 24.10.2020 | 13:00 | 13:15 | 2.051 |
| 24.10.2020 | 13:15 | 13:30 | 2.068 |
| 24.10.2020 | 13:30 | 13:45 | 2.067 |
| 24.10.2020 | 13:45 | 14:00 | 2.009 |
| 24.10.2020 | 14:00 | 14:15 | 1.979 |
| 24.10.2020 | 14:15 | 14:30 | 1.950 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.10.2020 | 14:30 | 14:45 | 1.913 |
| 24.10.2020 | 14:45 | 15:00 | 1.913 |
| 24.10.2020 | 15:00 | 15:15 | 1.888 |
| 24.10.2020 | 15:15 | 15:30 | 1.857 |
| 24.10.2020 | 15:30 | 15:45 | 1.844 |
| 24.10.2020 | 15:45 | 16:00 | 1.850 |
| 24.10.2020 | 16:00 | 16:15 | 1.867 |
| 24.10.2020 | 16:15 | 16:30 | 1.886 |
| 24.10.2020 | 16:30 | 16:45 | 1.881 |
| 24.10.2020 | 16:45 | 17:00 | 1.893 |
| 24.10.2020 | 17:00 | 17:15 | 1.942 |
| 24.10.2020 | 17:15 | 17:30 | 1.982 |
| 24.10.2020 | 17:30 | 17:45 | 2.003 |
| 24.10.2020 | 17:45 | 18:00 | 2.056 |
| 24.10.2020 | 18:00 | 18:15 | 2.118 |
| 24.10.2020 | 18:15 | 18:30 | 2.141 |
| 24.10.2020 | 18:30 | 18:45 | 2.198 |
| 24.10.2020 | 18:45 | 19:00 | 2.183 |
| 24.10.2020 | 19:00 | 19:15 | 2.150 |
| 24.10.2020 | 19:15 | 19:30 | 2.135 |
| 24.10.2020 | 19:30 | 19:45 | 2.070 |
| 24.10.2020 | 19:45 | 20:00 | 1.992 |
| 24.10.2020 | 20:00 | 20:15 | 1.917 |
| 24.10.2020 | 20:15 | 20:30 | 1.832 |
| 24.10.2020 | 20:30 | 20:45 | 1.774 |
| 24.10.2020 | 20:45 | 21:00 | 1.723 |
| 24.10.2020 | 21:00 | 21:15 | 1.655 |
| 24.10.2020 | 21:15 | 21:30 | 1.580 |
| 24.10.2020 | 21:30 | 21:45 | 1.527 |
| 24.10.2020 | 21:45 | 22:00 | 1.486 |
| 24.10.2020 | 22:00 | 22:15 | 1.529 |
| 24.10.2020 | 22:15 | 22:30 | 1.476 |
| 24.10.2020 | 22:30 | 22:45 | 1.473 |
| 24.10.2020 | 22:45 | 23:00 | 1.425 |
| 24.10.2020 | 23:00 | 23:15 | 1.368 |
| 24.10.2020 | 23:15 | 23:30 | 1.344 |
| 24.10.2020 | 23:30 | 23:45 | 1.288 |
| 24.10.2020 | 23:45 | 00:00 | 1.250 |
| 25.10.2020 | 00:00 | 00:15 | 1.201 |
| 25.10.2020 | 00:15 | 00:30 | 1.151 |
| 25.10.2020 | 00:30 | 00:45 | 1.119 |
| 25.10.2020 | 00:45 | 01:00 | 1.085 |
| 25.10.2020 | 01:00 | 01:15 | 1.048 |
| 25.10.2020 | 01:15 | 01:30 | 1.012 |
| 25.10.2020 | 01:30 | 01:45 | 990 |
| 25.10.2020 | 01:45 | 02:00 | 976 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.10.2020 | 02:00 | 02:15 | 964 |
| 25.10.2020 | 02:15 | 02:30 | 948 |
| 25.10.2020 | 02:30 | 02:45 | 936 |
| 25.10.2020 | 02:45 | 03:00 | 901 |
| 25.10.2020 | 02:00 | 03:15 | 887 |
| 25.10.2020 | 02:15 | 03:30 | 881 |
| 25.10.2020 | 02:30 | 03:45 | 878 |
| 25.10.2020 | 02:45 | 04:00 | 879 |
| 25.10.2020 | 03:00 | 04:15 | 877 |
| 25.10.2020 | 03:15 | 04:30 | 877 |
| 25.10.2020 | 03:30 | 04:45 | 901 |
| 25.10.2020 | 03:45 | 05:00 | 915 |
| 25.10.2020 | 04:00 | 05:15 | 922 |
| 25.10.2020 | 04:15 | 05:30 | 925 |
| 25.10.2020 | 04:30 | 05:45 | 928 |
| 25.10.2020 | 04:45 | 06:00 | 929 |
| 25.10.2020 | 05:00 | 06:15 | 938 |
| 25.10.2020 | 05:15 | 06:30 | 949 |
| 25.10.2020 | 05:30 | 06:45 | 958 |
| 25.10.2020 | 05:45 | 07:00 | 978 |
| 25.10.2020 | 06:00 | 07:15 | 992 |
| 25.10.2020 | 06:15 | 07:30 | 1.014 |
| 25.10.2020 | 06:30 | 07:45 | 1.034 |
| 25.10.2020 | 06:45 | 08:00 | 1.055 |
| 25.10.2020 | 07:00 | 08:15 | 1.074 |
| 25.10.2020 | 07:15 | 08:30 | 1.107 |
| 25.10.2020 | 07:30 | 08:45 | 1.155 |
| 25.10.2020 | 07:45 | 09:00 | 1.215 |
| 25.10.2020 | 08:00 | 09:15 | 1.280 |
| 25.10.2020 | 08:15 | 09:30 | 1.341 |
| 25.10.2020 | 08:30 | 09:45 | 1.415 |
| 25.10.2020 | 08:45 | 10:00 | 1.482 |
| 25.10.2020 | 09:00 | 10:15 | 1.568 |
| 25.10.2020 | 09:15 | 10:30 | 1.637 |
| 25.10.2020 | 09:30 | 10:45 | 1.702 |
| 25.10.2020 | 09:45 | 11:00 | 1.759 |
| 25.10.2020 | 10:00 | 11:15 | 1.795 |
| 25.10.2020 | 10:15 | 11:30 | 1.807 |
| 25.10.2020 | 10:30 | 11:45 | 1.875 |
| 25.10.2020 | 10:45 | 12:00 | 1.908 |
| 25.10.2020 | 11:00 | 12:15 | 1.927 |
| 25.10.2020 | 11:15 | 12:30 | 1.985 |
| 25.10.2020 | 11:30 | 12:45 | 2.033 |
| 25.10.2020 | 11:45 | 13:00 | 2.093 |
| 25.10.2020 | 12:00 | 13:15 | 2.131 |
| 25.10.2020 | 12:15 | 13:30 | 2.154 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.10.2020 | 12:30 | 13:45 | 2.137 |
| 25.10.2020 | 12:45 | 14:00 | 2.081 |
| 25.10.2020 | 13:00 | 14:15 | 2.072 |
| 25.10.2020 | 13:15 | 14:30 | 2.040 |
| 25.10.2020 | 13:30 | 14:45 | 2.029 |
| 25.10.2020 | 13:45 | 15:00 | 1.986 |
| 25.10.2020 | 14:00 | 15:15 | 1.948 |
| 25.10.2020 | 14:15 | 15:30 | 1.934 |
| 25.10.2020 | 14:30 | 15:45 | 1.941 |
| 25.10.2020 | 14:45 | 16:00 | 1.912 |
| 25.10.2020 | 15:00 | 16:15 | 1.866 |
| 25.10.2020 | 15:15 | 16:30 | 1.846 |
| 25.10.2020 | 15:30 | 16:45 | 1.861 |
| 25.10.2020 | 15:45 | 17:00 | 1.884 |
| 25.10.2020 | 16:00 | 17:15 | 1.942 |
| 25.10.2020 | 16:15 | 17:30 | 1.936 |
| 25.10.2020 | 16:30 | 17:45 | 1.965 |
| 25.10.2020 | 16:45 | 18:00 | 1.964 |
| 25.10.2020 | 17:00 | 18:15 | 2.018 |
| 25.10.2020 | 17:15 | 18:30 | 2.119 |
| 25.10.2020 | 17:30 | 18:45 | 2.235 |
| 25.10.2020 | 17:45 | 19:00 | 2.263 |
| 25.10.2020 | 18:00 | 19:15 | 2.273 |
| 25.10.2020 | 18:15 | 19:30 | 2.232 |
| 25.10.2020 | 18:30 | 19:45 | 2.219 |
| 25.10.2020 | 18:45 | 20:00 | 2.176 |
| 25.10.2020 | 19:00 | 20:15 | 2.127 |
| 25.10.2020 | 19:15 | 20:30 | 2.058 |
| 25.10.2020 | 19:30 | 20:45 | 2.022 |
| 25.10.2020 | 19:45 | 21:00 | 1.935 |
| 25.10.2020 | 20:00 | 21:15 | 1.874 |
| 25.10.2020 | 20:15 | 21:30 | 1.772 |
| 25.10.2020 | 20:30 | 21:45 | 1.699 |
| 25.10.2020 | 20:45 | 22:00 | 1.665 |
| 25.10.2020 | 21:00 | 22:15 | 1.652 |
| 25.10.2020 | 21:15 | 22:30 | 1.615 |
| 25.10.2020 | 21:30 | 22:45 | 1.561 |
| 25.10.2020 | 21:45 | 23:00 | 1.532 |
| 25.10.2020 | 22:00 | 23:15 | 1.569 |
| 25.10.2020 | 22:15 | 23:30 | 1.507 |
| 25.10.2020 | 22:30 | 23:45 | 1.471 |
| 25.10.2020 | 22:45 | 00:00 | 1.406 |
| 25.10.2020 | 23:00 | 00:15 | 1.328 |
| 25.10.2020 | 23:15 | 00:30 | 1.291 |
| 25.10.2020 | 23:30 | 00:45 | 1.253 |
| 25.10.2020 | 23:45 | 01:00 | 1.203 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.10.2020 | 00:00 | 01:15 | 1.169 |
| 26.10.2020 | 00:15 | 01:30 | 1.140 |
| 26.10.2020 | 00:30 | 01:45 | 1.122 |
| 26.10.2020 | 00:45 | 02:00 | 1.104 |
| 26.10.2020 | 01:00 | 02:15 | 1.086 |
| 26.10.2020 | 01:15 | 02:30 | 1.071 |
| 26.10.2020 | 01:30 | 02:45 | 1.053 |
| 26.10.2020 | 01:45 | 03:00 | 1.056 |
| 26.10.2020 | 02:00 | 03:15 | 1.050 |
| 26.10.2020 | 02:15 | 03:30 | 1.045 |
| 26.10.2020 | 02:30 | 03:45 | 1.035 |
| 26.10.2020 | 02:45 | 04:00 | 1.035 |
| 26.10.2020 | 03:00 | 04:15 | 1.046 |
| 26.10.2020 | 03:15 | 04:30 | 1.046 |
| 26.10.2020 | 03:30 | 04:45 | 1.070 |
| 26.10.2020 | 03:45 | 05:00 | 1.079 |
| 26.10.2020 | 04:00 | 05:15 | 1.101 |
| 26.10.2020 | 04:15 | 05:30 | 1.125 |
| 26.10.2020 | 04:30 | 05:45 | 1.161 |
| 26.10.2020 | 04:45 | 06:00 | 1.161 |
| 26.10.2020 | 05:00 | 06:15 | 1.214 |
| 26.10.2020 | 05:15 | 06:30 | 1.271 |
| 26.10.2020 | 05:30 | 06:45 | 1.332 |
| 26.10.2020 | 05:45 | 07:00 | 1.445 |
| 26.10.2020 | 06:00 | 07:15 | 1.617 |
| 26.10.2020 | 06:15 | 07:30 | 1.758 |
| 26.10.2020 | 06:30 | 07:45 | 1.880 |
| 26.10.2020 | 06:45 | 08:00 | 1.984 |
| 26.10.2020 | 07:00 | 08:15 | 2.053 |
| 26.10.2020 | 07:15 | 08:30 | 2.117 |
| 26.10.2020 | 07:30 | 08:45 | 2.169 |
| 26.10.2020 | 07:45 | 09:00 | 2.203 |
| 26.10.2020 | 08:00 | 09:15 | 2.255 |
| 26.10.2020 | 08:15 | 09:30 | 2.303 |
| 26.10.2020 | 08:30 | 09:45 | 2.324 |
| 26.10.2020 | 08:45 | 10:00 | 2.426 |
| 26.10.2020 | 09:00 | 10:15 | 2.490 |
| 26.10.2020 | 09:15 | 10:30 | 2.523 |
| 26.10.2020 | 09:30 | 10:45 | 2.590 |
| 26.10.2020 | 09:45 | 11:00 | 2.613 |
| 26.10.2020 | 10:00 | 11:15 | 2.645 |
| 26.10.2020 | 10:15 | 11:30 | 2.671 |
| 26.10.2020 | 10:30 | 11:45 | 2.661 |
| 26.10.2020 | 10:45 | 12:00 | 2.655 |
| 26.10.2020 | 11:00 | 12:15 | 2.647 |
| 26.10.2020 | 11:15 | 12:30 | 2.684 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.10.2020 | 11:30 | 12:45 | 2.690 |
| 26.10.2020 | 11:45 | 13:00 | 2.682 |
| 26.10.2020 | 12:00 | 13:15 | 2.725 |
| 26.10.2020 | 12:15 | 13:30 | 2.750 |
| 26.10.2020 | 12:30 | 13:45 | 2.783 |
| 26.10.2020 | 12:45 | 14:00 | 2.779 |
| 26.10.2020 | 13:00 | 14:15 | 2.757 |
| 26.10.2020 | 13:15 | 14:30 | 2.706 |
| 26.10.2020 | 13:30 | 14:45 | 2.707 |
| 26.10.2020 | 13:45 | 15:00 | 2.660 |
| 26.10.2020 | 14:00 | 15:15 | 2.603 |
| 26.10.2020 | 14:15 | 15:30 | 2.537 |
| 26.10.2020 | 14:30 | 15:45 | 2.508 |
| 26.10.2020 | 14:45 | 16:00 | 2.474 |
| 26.10.2020 | 15:00 | 16:15 | 2.447 |
| 26.10.2020 | 15:15 | 16:30 | 2.455 |
| 26.10.2020 | 15:30 | 16:45 | 2.451 |
| 26.10.2020 | 15:45 | 17:00 | 2.454 |
| 26.10.2020 | 16:00 | 17:15 | 2.520 |
| 26.10.2020 | 16:15 | 17:30 | 2.551 |
| 26.10.2020 | 16:30 | 17:45 | 2.552 |
| 26.10.2020 | 16:45 | 18:00 | 2.623 |
| 26.10.2020 | 17:00 | 18:15 | 2.698 |
| 26.10.2020 | 17:15 | 18:30 | 2.775 |
| 26.10.2020 | 17:30 | 18:45 | 2.879 |
| 26.10.2020 | 17:45 | 19:00 | 2.952 |
| 26.10.2020 | 18:00 | 19:15 | 2.957 |
| 26.10.2020 | 18:15 | 19:30 | 2.967 |
| 26.10.2020 | 18:30 | 19:45 | 2.957 |
| 26.10.2020 | 18:45 | 20:00 | 2.909 |
| 26.10.2020 | 19:00 | 20:15 | 2.844 |
| 26.10.2020 | 19:15 | 20:30 | 2.761 |
| 26.10.2020 | 19:30 | 20:45 | 2.667 |
| 26.10.2020 | 19:45 | 21:00 | 2.614 |
| 26.10.2020 | 20:00 | 21:15 | 2.487 |
| 26.10.2020 | 20:15 | 21:30 | 2.376 |
| 26.10.2020 | 20:30 | 21:45 | 2.253 |
| 26.10.2020 | 20:45 | 22:00 | 2.134 |
| 26.10.2020 | 21:00 | 22:15 | 2.051 |
| 26.10.2020 | 21:15 | 22:30 | 1.964 |
| 26.10.2020 | 21:30 | 22:45 | 1.860 |
| 26.10.2020 | 21:45 | 23:00 | 1.787 |
| 26.10.2020 | 22:00 | 23:15 | 1.798 |
| 26.10.2020 | 22:15 | 23:30 | 1.753 |
| 26.10.2020 | 22:30 | 23:45 | 1.671 |
| 26.10.2020 | 22:45 | 00:00 | 1.594 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.10.2020 | 23:00 | 00:15 | 1.519 |
| 26.10.2020 | 23:15 | 00:30 | 1.466 |
| 26.10.2020 | 23:30 | 00:45 | 1.472 |
| 26.10.2020 | 23:45 | 01:00 | 1.426 |
| 27.10.2020 | 00:00 | 01:15 | 1.379 |
| 27.10.2020 | 00:15 | 01:30 | 1.331 |
| 27.10.2020 | 00:30 | 01:45 | 1.297 |
| 27.10.2020 | 00:45 | 02:00 | 1.260 |
| 27.10.2020 | 01:00 | 02:15 | 1.234 |
| 27.10.2020 | 01:15 | 02:30 | 1.224 |
| 27.10.2020 | 01:30 | 02:45 | 1.201 |
| 27.10.2020 | 01:45 | 03:00 | 1.184 |
| 27.10.2020 | 02:00 | 03:15 | 1.155 |
| 27.10.2020 | 02:15 | 03:30 | 1.133 |
| 27.10.2020 | 02:30 | 03:45 | 1.105 |
| 27.10.2020 | 02:45 | 04:00 | 1.104 |
| 27.10.2020 | 03:00 | 04:15 | 1.104 |
| 27.10.2020 | 03:15 | 04:30 | 1.091 |
| 27.10.2020 | 03:30 | 04:45 | 1.085 |
| 27.10.2020 | 03:45 | 05:00 | 1.094 |
| 27.10.2020 | 04:00 | 05:15 | 1.124 |
| 27.10.2020 | 04:15 | 05:30 | 1.146 |
| 27.10.2020 | 04:30 | 05:45 | 1.175 |
| 27.10.2020 | 04:45 | 06:00 | 1.210 |
| 27.10.2020 | 05:00 | 06:15 | 1.240 |
| 27.10.2020 | 05:15 | 06:30 | 1.306 |
| 27.10.2020 | 05:30 | 06:45 | 1.384 |
| 27.10.2020 | 05:45 | 07:00 | 1.473 |
| 27.10.2020 | 06:00 | 07:15 | 1.632 |
| 27.10.2020 | 06:15 | 07:30 | 1.786 |
| 27.10.2020 | 06:30 | 07:45 | 1.901 |
| 27.10.2020 | 06:45 | 08:00 | 2.018 |
| 27.10.2020 | 07:00 | 08:15 | 2.112 |
| 27.10.2020 | 07:15 | 08:30 | 2.126 |
| 27.10.2020 | 07:30 | 08:45 | 2.160 |
| 27.10.2020 | 07:45 | 09:00 | 2.214 |
| 27.10.2020 | 08:00 | 09:15 | 2.257 |
| 27.10.2020 | 08:15 | 09:30 | 2.310 |
| 27.10.2020 | 08:30 | 09:45 | 2.352 |
| 27.10.2020 | 08:45 | 10:00 | 2.391 |
| 27.10.2020 | 09:00 | 10:15 | 2.414 |
| 27.10.2020 | 09:15 | 10:30 | 2.423 |
| 27.10.2020 | 09:30 | 10:45 | 2.436 |
| 27.10.2020 | 09:45 | 11:00 | 2.438 |
| 27.10.2020 | 10:00 | 11:15 | 2.525 |
| 27.10.2020 | 10:15 | 11:30 | 2.519 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.10.2020 | 10:30 | 11:45 | 2.505 |
| 27.10.2020 | 10:45 | 12:00 | 2.561 |
| 27.10.2020 | 11:00 | 12:15 | 2.551 |
| 27.10.2020 | 11:15 | 12:30 | 2.628 |
| 27.10.2020 | 11:30 | 12:45 | 2.654 |
| 27.10.2020 | 11:45 | 13:00 | 2.676 |
| 27.10.2020 | 12:00 | 13:15 | 2.769 |
| 27.10.2020 | 12:15 | 13:30 | 2.797 |
| 27.10.2020 | 12:30 | 13:45 | 2.741 |
| 27.10.2020 | 12:45 | 14:00 | 2.726 |
| 27.10.2020 | 13:00 | 14:15 | 2.749 |
| 27.10.2020 | 13:15 | 14:30 | 2.701 |
| 27.10.2020 | 13:30 | 14:45 | 2.670 |
| 27.10.2020 | 13:45 | 15:00 | 2.638 |
| 27.10.2020 | 14:00 | 15:15 | 2.641 |
| 27.10.2020 | 14:15 | 15:30 | 2.608 |
| 27.10.2020 | 14:30 | 15:45 | 2.560 |
| 27.10.2020 | 14:45 | 16:00 | 2.504 |
| 27.10.2020 | 15:00 | 16:15 | 2.510 |
| 27.10.2020 | 15:15 | 16:30 | 2.502 |
| 27.10.2020 | 15:30 | 16:45 | 2.506 |
| 27.10.2020 | 15:45 | 17:00 | 2.456 |
| 27.10.2020 | 16:00 | 17:15 | 2.512 |
| 27.10.2020 | 16:15 | 17:30 | 2.504 |
| 27.10.2020 | 16:30 | 17:45 | 2.532 |
| 27.10.2020 | 16:45 | 18:00 | 2.606 |
| 27.10.2020 | 17:00 | 18:15 | 2.700 |
| 27.10.2020 | 17:15 | 18:30 | 2.814 |
| 27.10.2020 | 17:30 | 18:45 | 2.958 |
| 27.10.2020 | 17:45 | 19:00 | 3.030 |
| 27.10.2020 | 18:00 | 19:15 | 3.040 |
| 27.10.2020 | 18:15 | 19:30 | 3.050 |
| 27.10.2020 | 18:30 | 19:45 | 3.019 |
| 27.10.2020 | 18:45 | 20:00 | 2.989 |
| 27.10.2020 | 19:00 | 20:15 | 2.910 |
| 27.10.2020 | 19:15 | 20:30 | 2.839 |
| 27.10.2020 | 19:30 | 20:45 | 2.739 |
| 27.10.2020 | 19:45 | 21:00 | 2.665 |
| 27.10.2020 | 20:00 | 21:15 | 2.516 |
| 27.10.2020 | 20:15 | 21:30 | 2.435 |
| 27.10.2020 | 20:30 | 21:45 | 2.327 |
| 27.10.2020 | 20:45 | 22:00 | 2.241 |
| 27.10.2020 | 21:00 | 22:15 | 2.111 |
| 27.10.2020 | 21:15 | 22:30 | 2.026 |
| 27.10.2020 | 21:30 | 22:45 | 1.942 |
| 27.10.2020 | 21:45 | 23:00 | 1.849 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.10.2020 | 22:00 | 23:15 | 1.851 |
| 27.10.2020 | 22:15 | 23:30 | 1.807 |
| 27.10.2020 | 22:30 | 23:45 | 1.731 |
| 27.10.2020 | 22:45 | 00:00 | 1.644 |
| 27.10.2020 | 23:00 | 00:15 | 1.538 |
| 27.10.2020 | 23:15 | 00:30 | 1.486 |
| 27.10.2020 | 23:30 | 00:45 | 1.424 |
| 27.10.2020 | 23:45 | 01:00 | 1.381 |
| 28.10.2020 | 00:00 | 01:15 | 1.343 |
| 28.10.2020 | 00:15 | 01:30 | 1.291 |
| 28.10.2020 | 00:30 | 01:45 | 1.273 |
| 28.10.2020 | 00:45 | 02:00 | 1.234 |
| 28.10.2020 | 01:00 | 02:15 | 1.189 |
| 28.10.2020 | 01:15 | 02:30 | 1.150 |
| 28.10.2020 | 01:30 | 02:45 | 1.119 |
| 28.10.2020 | 01:45 | 03:00 | 1.108 |
| 28.10.2020 | 02:00 | 03:15 | 1.102 |
| 28.10.2020 | 02:15 | 03:30 | 1.090 |
| 28.10.2020 | 02:30 | 03:45 | 1.080 |
| 28.10.2020 | 02:45 | 04:00 | 1.078 |
| 28.10.2020 | 03:00 | 04:15 | 1.063 |
| 28.10.2020 | 03:15 | 04:30 | 1.049 |
| 28.10.2020 | 03:30 | 04:45 | 1.048 |
| 28.10.2020 | 03:45 | 05:00 | 1.059 |
| 28.10.2020 | 04:00 | 05:15 | 1.081 |
| 28.10.2020 | 04:15 | 05:30 | 1.129 |
| 28.10.2020 | 04:30 | 05:45 | 1.176 |
| 28.10.2020 | 04:45 | 06:00 | 1.212 |
| 28.10.2020 | 05:00 | 06:15 | 1.267 |
| 28.10.2020 | 05:15 | 06:30 | 1.319 |
| 28.10.2020 | 05:30 | 06:45 | 1.388 |
| 28.10.2020 | 05:45 | 07:00 | 1.474 |
| 28.10.2020 | 06:00 | 07:15 | 1.619 |
| 28.10.2020 | 06:15 | 07:30 | 1.759 |
| 28.10.2020 | 06:30 | 07:45 | 1.897 |
| 28.10.2020 | 06:45 | 08:00 | 2.002 |
| 28.10.2020 | 07:00 | 08:15 | 2.084 |
| 28.10.2020 | 07:15 | 08:30 | 2.110 |
| 28.10.2020 | 07:30 | 08:45 | 2.113 |
| 28.10.2020 | 07:45 | 09:00 | 2.184 |
| 28.10.2020 | 08:00 | 09:15 | 2.282 |
| 28.10.2020 | 08:15 | 09:30 | 2.310 |
| 28.10.2020 | 08:30 | 09:45 | 2.306 |
| 28.10.2020 | 08:45 | 10:00 | 2.326 |
| 28.10.2020 | 09:00 | 10:15 | 2.328 |
| 28.10.2020 | 09:15 | 10:30 | 2.333 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.10.2020 | 09:30 | 10:45 | 2.379 |
| 28.10.2020 | 09:45 | 11:00 | 2.376 |
| 28.10.2020 | 10:00 | 11:15 | 2.394 |
| 28.10.2020 | 10:15 | 11:30 | 2.426 |
| 28.10.2020 | 10:30 | 11:45 | 2.499 |
| 28.10.2020 | 10:45 | 12:00 | 2.504 |
| 28.10.2020 | 11:00 | 12:15 | 2.523 |
| 28.10.2020 | 11:15 | 12:30 | 2.538 |
| 28.10.2020 | 11:30 | 12:45 | 2.519 |
| 28.10.2020 | 11:45 | 13:00 | 2.565 |
| 28.10.2020 | 12:00 | 13:15 | 2.597 |
| 28.10.2020 | 12:15 | 13:30 | 2.619 |
| 28.10.2020 | 12:30 | 13:45 | 2.650 |
| 28.10.2020 | 12:45 | 14:00 | 2.680 |
| 28.10.2020 | 13:00 | 14:15 | 2.645 |
| 28.10.2020 | 13:15 | 14:30 | 2.603 |
| 28.10.2020 | 13:30 | 14:45 | 2.558 |
| 28.10.2020 | 13:45 | 15:00 | 2.525 |
| 28.10.2020 | 14:00 | 15:15 | 2.483 |
| 28.10.2020 | 14:15 | 15:30 | 2.455 |
| 28.10.2020 | 14:30 | 15:45 | 2.465 |
| 28.10.2020 | 14:45 | 16:00 | 2.489 |
| 28.10.2020 | 15:00 | 16:15 | 2.499 |
| 28.10.2020 | 15:15 | 16:30 | 2.493 |
| 28.10.2020 | 15:30 | 16:45 | 2.434 |
| 28.10.2020 | 15:45 | 17:00 | 2.401 |
| 28.10.2020 | 16:00 | 17:15 | 2.454 |
| 28.10.2020 | 16:15 | 17:30 | 2.494 |
| 28.10.2020 | 16:30 | 17:45 | 2.521 |
| 28.10.2020 | 16:45 | 18:00 | 2.569 |
| 28.10.2020 | 17:00 | 18:15 | 2.700 |
| 28.10.2020 | 17:15 | 18:30 | 2.826 |
| 28.10.2020 | 17:30 | 18:45 | 2.934 |
| 28.10.2020 | 17:45 | 19:00 | 2.985 |
| 28.10.2020 | 18:00 | 19:15 | 3.010 |
| 28.10.2020 | 18:15 | 19:30 | 3.019 |
| 28.10.2020 | 18:30 | 19:45 | 2.990 |
| 28.10.2020 | 18:45 | 20:00 | 2.949 |
| 28.10.2020 | 19:00 | 20:15 | 2.830 |
| 28.10.2020 | 19:15 | 20:30 | 2.716 |
| 28.10.2020 | 19:30 | 20:45 | 2.658 |
| 28.10.2020 | 19:45 | 21:00 | 2.569 |
| 28.10.2020 | 20:00 | 21:15 | 2.439 |
| 28.10.2020 | 20:15 | 21:30 | 2.318 |
| 28.10.2020 | 20:30 | 21:45 | 2.236 |
| 28.10.2020 | 20:45 | 22:00 | 2.190 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.10.2020 | 21:00 | 22:15 | 2.086 |
| 28.10.2020 | 21:15 | 22:30 | 1.955 |
| 28.10.2020 | 21:30 | 22:45 | 1.834 |
| 28.10.2020 | 21:45 | 23:00 | 1.738 |
| 28.10.2020 | 22:00 | 23:15 | 1.748 |
| 28.10.2020 | 22:15 | 23:30 | 1.709 |
| 28.10.2020 | 22:30 | 23:45 | 1.662 |
| 28.10.2020 | 22:45 | 00:00 | 1.566 |
| 28.10.2020 | 23:00 | 00:15 | 1.491 |
| 28.10.2020 | 23:15 | 00:30 | 1.437 |
| 28.10.2020 | 23:30 | 00:45 | 1.375 |
| 28.10.2020 | 23:45 | 01:00 | 1.324 |
| 29.10.2020 | 00:00 | 01:15 | 1.302 |
| 29.10.2020 | 00:15 | 01:30 | 1.261 |
| 29.10.2020 | 00:30 | 01:45 | 1.231 |
| 29.10.2020 | 00:45 | 02:00 | 1.202 |
| 29.10.2020 | 01:00 | 02:15 | 1.169 |
| 29.10.2020 | 01:15 | 02:30 | 1.159 |
| 29.10.2020 | 01:30 | 02:45 | 1.176 |
| 29.10.2020 | 01:45 | 03:00 | 1.166 |
| 29.10.2020 | 02:00 | 03:15 | 1.151 |
| 29.10.2020 | 02:15 | 03:30 | 1.139 |
| 29.10.2020 | 02:30 | 03:45 | 1.124 |
| 29.10.2020 | 02:45 | 04:00 | 1.112 |
| 29.10.2020 | 03:00 | 04:15 | 1.102 |
| 29.10.2020 | 03:15 | 04:30 | 1.123 |
| 29.10.2020 | 03:30 | 04:45 | 1.129 |
| 29.10.2020 | 03:45 | 05:00 | 1.136 |
| 29.10.2020 | 04:00 | 05:15 | 1.167 |
| 29.10.2020 | 04:15 | 05:30 | 1.182 |
| 29.10.2020 | 04:30 | 05:45 | 1.221 |
| 29.10.2020 | 04:45 | 06:00 | 1.265 |
| 29.10.2020 | 05:00 | 06:15 | 1.306 |
| 29.10.2020 | 05:15 | 06:30 | 1.277 |
| 29.10.2020 | 05:30 | 06:45 | 1.339 |
| 29.10.2020 | 05:45 | 07:00 | 1.426 |
| 29.10.2020 | 06:00 | 07:15 | 1.572 |
| 29.10.2020 | 06:15 | 07:30 | 1.713 |
| 29.10.2020 | 06:30 | 07:45 | 1.846 |
| 29.10.2020 | 06:45 | 08:00 | 1.941 |
| 29.10.2020 | 07:00 | 08:15 | 1.994 |
| 29.10.2020 | 07:15 | 08:30 | 2.028 |
| 29.10.2020 | 07:30 | 08:45 | 2.050 |
| 29.10.2020 | 07:45 | 09:00 | 2.090 |
| 29.10.2020 | 08:00 | 09:15 | 2.142 |
| 29.10.2020 | 08:15 | 09:30 | 2.167 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.10.2020 | 08:30 | 09:45 | 2.153 |
| 29.10.2020 | 08:45 | 10:00 | 2.196 |
| 29.10.2020 | 09:00 | 10:15 | 2.225 |
| 29.10.2020 | 09:15 | 10:30 | 2.257 |
| 29.10.2020 | 09:30 | 10:45 | 2.253 |
| 29.10.2020 | 09:45 | 11:00 | 2.267 |
| 29.10.2020 | 10:00 | 11:15 | 2.302 |
| 29.10.2020 | 10:15 | 11:30 | 2.320 |
| 29.10.2020 | 10:30 | 11:45 | 2.362 |
| 29.10.2020 | 10:45 | 12:00 | 2.441 |
| 29.10.2020 | 11:00 | 12:15 | 2.448 |
| 29.10.2020 | 11:15 | 12:30 | 2.512 |
| 29.10.2020 | 11:30 | 12:45 | 2.507 |
| 29.10.2020 | 11:45 | 13:00 | 2.535 |
| 29.10.2020 | 12:00 | 13:15 | 2.551 |
| 29.10.2020 | 12:15 | 13:30 | 2.543 |
| 29.10.2020 | 12:30 | 13:45 | 2.559 |
| 29.10.2020 | 12:45 | 14:00 | 2.553 |
| 29.10.2020 | 13:00 | 14:15 | 2.577 |
| 29.10.2020 | 13:15 | 14:30 | 2.582 |
| 29.10.2020 | 13:30 | 14:45 | 2.537 |
| 29.10.2020 | 13:45 | 15:00 | 2.471 |
| 29.10.2020 | 14:00 | 15:15 | 2.504 |
| 29.10.2020 | 14:15 | 15:30 | 2.496 |
| 29.10.2020 | 14:30 | 15:45 | 2.467 |
| 29.10.2020 | 14:45 | 16:00 | 2.447 |
| 29.10.2020 | 15:00 | 16:15 | 2.405 |
| 29.10.2020 | 15:15 | 16:30 | 2.397 |
| 29.10.2020 | 15:30 | 16:45 | 2.405 |
| 29.10.2020 | 15:45 | 17:00 | 2.445 |
| 29.10.2020 | 16:00 | 17:15 | 2.471 |
| 29.10.2020 | 16:15 | 17:30 | 2.522 |
| 29.10.2020 | 16:30 | 17:45 | 2.612 |
| 29.10.2020 | 16:45 | 18:00 | 2.637 |
| 29.10.2020 | 17:00 | 18:15 | 2.739 |
| 29.10.2020 | 17:15 | 18:30 | 2.877 |
| 29.10.2020 | 17:30 | 18:45 | 2.939 |
| 29.10.2020 | 17:45 | 19:00 | 2.970 |
| 29.10.2020 | 18:00 | 19:15 | 2.952 |
| 29.10.2020 | 18:15 | 19:30 | 2.956 |
| 29.10.2020 | 18:30 | 19:45 | 2.899 |
| 29.10.2020 | 18:45 | 20:00 | 2.878 |
| 29.10.2020 | 19:00 | 20:15 | 2.788 |
| 29.10.2020 | 19:15 | 20:30 | 2.718 |
| 29.10.2020 | 19:30 | 20:45 | 2.614 |
| 29.10.2020 | 19:45 | 21:00 | 2.545 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.10.2020 | 20:00 | 21:15 | 2.431 |
| 29.10.2020 | 20:15 | 21:30 | 2.318 |
| 29.10.2020 | 20:30 | 21:45 | 2.242 |
| 29.10.2020 | 20:45 | 22:00 | 2.142 |
| 29.10.2020 | 21:00 | 22:15 | 2.054 |
| 29.10.2020 | 21:15 | 22:30 | 1.940 |
| 29.10.2020 | 21:30 | 22:45 | 1.819 |
| 29.10.2020 | 21:45 | 23:00 | 1.729 |
| 29.10.2020 | 22:00 | 23:15 | 1.712 |
| 29.10.2020 | 22:15 | 23:30 | 1.653 |
| 29.10.2020 | 22:30 | 23:45 | 1.618 |
| 29.10.2020 | 22:45 | 00:00 | 1.559 |
| 29.10.2020 | 23:00 | 00:15 | 1.481 |
| 29.10.2020 | 23:15 | 00:30 | 1.429 |
| 29.10.2020 | 23:30 | 00:45 | 1.356 |
| 29.10.2020 | 23:45 | 01:00 | 1.307 |
| 30.10.2020 | 00:00 | 01:15 | 1.276 |
| 30.10.2020 | 00:15 | 01:30 | 1.240 |
| 30.10.2020 | 00:30 | 01:45 | 1.199 |
| 30.10.2020 | 00:45 | 02:00 | 1.175 |
| 30.10.2020 | 01:00 | 02:15 | 1.143 |
| 30.10.2020 | 01:15 | 02:30 | 1.115 |
| 30.10.2020 | 01:30 | 02:45 | 1.119 |
| 30.10.2020 | 01:45 | 02:00 | 1.103 |
| 30.10.2020 | 02:00 | 02:15 | 1.106 |
| 30.10.2020 | 02:15 | 02:30 | 1.096 |
| 30.10.2020 | 02:30 | 02:45 | 1.089 |
| 30.10.2020 | 02:45 | 03:00 | 1.081 |
| 30.10.2020 | 03:00 | 03:15 | 1.041 |
| 30.10.2020 | 03:15 | 03:30 | 1.037 |
| 30.10.2020 | 03:30 | 03:45 | 1.034 |
| 30.10.2020 | 03:45 | 04:00 | 1.034 |
| 30.10.2020 | 04:00 | 04:15 | 1.064 |
| 30.10.2020 | 04:15 | 04:30 | 1.093 |
| 30.10.2020 | 04:30 | 04:45 | 1.122 |
| 30.10.2020 | 04:45 | 05:00 | 1.141 |
| 30.10.2020 | 05:00 | 05:15 | 1.184 |
| 30.10.2020 | 05:15 | 05:30 | 1.234 |
| 30.10.2020 | 05:30 | 05:45 | 1.306 |
| 30.10.2020 | 05:45 | 06:00 | 1.412 |
| 30.10.2020 | 06:00 | 06:15 | 1.521 |
| 30.10.2020 | 06:15 | 06:30 | 1.609 |
| 30.10.2020 | 06:30 | 06:45 | 1.700 |
| 30.10.2020 | 06:45 | 07:00 | 1.827 |
| 30.10.2020 | 07:00 | 07:15 | 1.929 |
| 30.10.2020 | 07:15 | 07:30 | 1.948 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.10.2020 | 07:30 | 07:45 | 1.959 |
| 30.10.2020 | 07:45 | 08:00 | 2.027 |
| 30.10.2020 | 08:00 | 08:15 | 2.106 |
| 30.10.2020 | 08:15 | 08:30 | 2.126 |
| 30.10.2020 | 08:30 | 08:45 | 2.200 |
| 30.10.2020 | 08:45 | 09:00 | 2.215 |
| 30.10.2020 | 09:00 | 09:15 | 2.235 |
| 30.10.2020 | 09:15 | 09:30 | 2.260 |
| 30.10.2020 | 09:30 | 09:45 | 2.280 |
| 30.10.2020 | 09:45 | 10:00 | 2.315 |
| 30.10.2020 | 10:00 | 10:15 | 2.349 |
| 30.10.2020 | 10:15 | 10:30 | 2.353 |
| 30.10.2020 | 10:30 | 10:45 | 2.436 |
| 30.10.2020 | 10:45 | 11:00 | 2.526 |
| 30.10.2020 | 11:00 | 11:15 | 2.551 |
| 30.10.2020 | 11:15 | 11:30 | 2.542 |
| 30.10.2020 | 11:30 | 11:45 | 2.568 |
| 30.10.2020 | 11:45 | 12:00 | 2.607 |
| 30.10.2020 | 12:00 | 12:15 | 2.610 |
| 30.10.2020 | 12:15 | 12:30 | 2.648 |
| 30.10.2020 | 12:30 | 12:45 | 2.642 |
| 30.10.2020 | 12:45 | 13:00 | 2.659 |
| 30.10.2020 | 13:00 | 13:15 | 2.626 |
| 30.10.2020 | 13:15 | 13:30 | 2.609 |
| 30.10.2020 | 13:30 | 13:45 | 2.597 |
| 30.10.2020 | 13:45 | 14:00 | 2.571 |
| 30.10.2020 | 14:00 | 14:15 | 2.549 |
| 30.10.2020 | 14:15 | 14:30 | 2.507 |
| 30.10.2020 | 14:30 | 14:45 | 2.473 |
| 30.10.2020 | 14:45 | 15:00 | 2.475 |
| 30.10.2020 | 15:00 | 15:15 | 2.443 |
| 30.10.2020 | 15:15 | 15:30 | 2.380 |
| 30.10.2020 | 15:30 | 15:45 | 2.361 |
| 30.10.2020 | 15:45 | 16:00 | 2.362 |
| 30.10.2020 | 16:00 | 16:15 | 2.365 |
| 30.10.2020 | 16:15 | 16:30 | 2.385 |
| 30.10.2020 | 16:30 | 16:45 | 2.403 |
| 30.10.2020 | 16:45 | 17:00 | 2.432 |
| 30.10.2020 | 17:00 | 17:15 | 2.486 |
| 30.10.2020 | 17:15 | 17:30 | 2.647 |
| 30.10.2020 | 17:30 | 17:45 | 2.729 |
| 30.10.2020 | 17:45 | 18:00 | 2.805 |
| 30.10.2020 | 18:00 | 18:15 | 2.796 |
| 30.10.2020 | 18:15 | 18:30 | 2.758 |
| 30.10.2020 | 18:30 | 18:45 | 2.698 |
| 30.10.2020 | 18:45 | 19:00 | 2.656 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.10.2020 | 19:00 | 19:15 | 2.589 |
| 30.10.2020 | 19:15 | 19:30 | 2.552 |
| 30.10.2020 | 19:30 | 19:45 | 2.486 |
| 30.10.2020 | 19:45 | 20:00 | 2.432 |
| 30.10.2020 | 20:00 | 20:15 | 2.305 |
| 30.10.2020 | 20:15 | 20:30 | 2.206 |
| 30.10.2020 | 20:30 | 20:45 | 2.117 |
| 30.10.2020 | 20:45 | 21:00 | 2.059 |
| 30.10.2020 | 21:00 | 21:15 | 1.979 |
| 30.10.2020 | 21:15 | 21:30 | 1.882 |
| 30.10.2020 | 21:30 | 21:45 | 1.802 |
| 30.10.2020 | 21:45 | 22:00 | 1.712 |
| 30.10.2020 | 22:00 | 22:15 | 1.708 |
| 30.10.2020 | 22:15 | 22:30 | 1.652 |
| 30.10.2020 | 22:30 | 22:45 | 1.635 |
| 30.10.2020 | 22:45 | 23:00 | 1.588 |
| 30.10.2020 | 23:00 | 23:15 | 1.507 |
| 30.10.2020 | 23:15 | 23:30 | 1.458 |
| 30.10.2020 | 23:30 | 23:45 | 1.402 |
| 30.10.2020 | 23:45 | 00:00 | 1.352 |
| 31.10.2020 | 00:00 | 00:15 | 1.305 |
| 31.10.2020 | 00:15 | 00:30 | 1.253 |
| 31.10.2020 | 00:30 | 00:45 | 1.207 |
| 31.10.2020 | 00:45 | 01:00 | 1.159 |
| 31.10.2020 | 01:00 | 01:15 | 1.136 |
| 31.10.2020 | 01:15 | 01:30 | 1.108 |
| 31.10.2020 | 01:30 | 01:45 | 1.085 |
| 31.10.2020 | 01:45 | 02:00 | 1.064 |
| 31.10.2020 | 02:00 | 02:15 | 1.052 |
| 31.10.2020 | 02:15 | 02:30 | 1.041 |
| 31.10.2020 | 02:30 | 02:45 | 1.025 |
| 31.10.2020 | 02:45 | 03:00 | 1.014 |
| 31.10.2020 | 03:00 | 03:15 | 1.007 |
| 31.10.2020 | 03:15 | 03:30 | 992 |
| 31.10.2020 | 03:30 | 03:45 | 990 |
| 31.10.2020 | 03:45 | 04:00 | 991 |
| 31.10.2020 | 04:00 | 04:15 | 1.000 |
| 31.10.2020 | 04:15 | 04:30 | 1.006 |
| 31.10.2020 | 04:30 | 04:45 | 1.019 |
| 31.10.2020 | 04:45 | 05:00 | 1.041 |
| 31.10.2020 | 05:00 | 05:15 | 1.066 |
| 31.10.2020 | 05:15 | 05:30 | 1.071 |
| 31.10.2020 | 05:30 | 05:45 | 1.082 |
| 31.10.2020 | 05:45 | 06:00 | 1.115 |
| 31.10.2020 | 06:00 | 06:15 | 1.148 |
| 31.10.2020 | 06:15 | 06:30 | 1.181 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.10.2020 | 06:30 | 06:45 | 1.210 |
| 31.10.2020 | 06:45 | 07:00 | 1.247 |
| 31.10.2020 | 07:00 | 07:15 | 1.271 |
| 31.10.2020 | 07:15 | 07:30 | 1.313 |
| 31.10.2020 | 07:30 | 07:45 | 1.371 |
| 31.10.2020 | 07:45 | 08:00 | 1.419 |
| 31.10.2020 | 08:00 | 08:15 | 1.519 |
| 31.10.2020 | 08:15 | 08:30 | 1.576 |
| 31.10.2020 | 08:30 | 08:45 | 1.633 |
| 31.10.2020 | 08:45 | 09:00 | 1.721 |
| 31.10.2020 | 09:00 | 09:15 | 1.796 |
| 31.10.2020 | 09:15 | 09:30 | 1.850 |
| 31.10.2020 | 09:30 | 09:45 | 1.918 |
| 31.10.2020 | 09:45 | 10:00 | 1.976 |
| 31.10.2020 | 10:00 | 10:15 | 2.037 |
| 31.10.2020 | 10:15 | 10:30 | 2.070 |
| 31.10.2020 | 10:30 | 10:45 | 2.085 |
| 31.10.2020 | 10:45 | 11:00 | 2.097 |
| 31.10.2020 | 11:00 | 11:15 | 2.122 |
| 31.10.2020 | 11:15 | 11:30 | 2.122 |
| 31.10.2020 | 11:30 | 11:45 | 2.121 |
| 31.10.2020 | 11:45 | 12:00 | 2.139 |
| 31.10.2020 | 12:00 | 12:15 | 2.132 |
| 31.10.2020 | 12:15 | 12:30 | 2.115 |
| 31.10.2020 | 12:30 | 12:45 | 2.124 |
| 31.10.2020 | 12:45 | 13:00 | 2.094 |
| 31.10.2020 | 13:00 | 13:15 | 2.060 |
| 31.10.2020 | 13:15 | 13:30 | 2.049 |
| 31.10.2020 | 13:30 | 13:45 | 2.022 |
| 31.10.2020 | 13:45 | 14:00 | 1.988 |
| 31.10.2020 | 14:00 | 14:15 | 1.986 |
| 31.10.2020 | 14:15 | 14:30 | 1.979 |
| 31.10.2020 | 14:30 | 14:45 | 1.922 |
| 31.10.2020 | 14:45 | 15:00 | 1.893 |
| 31.10.2020 | 15:00 | 15:15 | 1.863 |
| 31.10.2020 | 15:15 | 15:30 | 1.899 |
| 31.10.2020 | 15:30 | 15:45 | 1.929 |
| 31.10.2020 | 15:45 | 16:00 | 1.953 |
| 31.10.2020 | 16:00 | 16:15 | 1.957 |
| 31.10.2020 | 16:15 | 16:30 | 1.948 |
| 31.10.2020 | 16:30 | 16:45 | 2.000 |
| 31.10.2020 | 16:45 | 17:00 | 2.038 |
| 31.10.2020 | 17:00 | 17:15 | 2.125 |
| 31.10.2020 | 17:15 | 17:30 | 2.212 |
| 31.10.2020 | 17:30 | 17:45 | 2.365 |
| 31.10.2020 | 17:45 | 18:00 | 2.369 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 31.10.2020 | 18:00 | 18:15 | 2.371 |
| 31.10.2020 | 18:15 | 18:30 | 2.355 |
| 31.10.2020 | 18:30 | 18:45 | 2.297 |
| 31.10.2020 | 18:45 | 19:00 | 2.257 |
| 31.10.2020 | 19:00 | 19:15 | 2.192 |
| 31.10.2020 | 19:15 | 19:30 | 2.149 |
| 31.10.2020 | 19:30 | 19:45 | 2.092 |
| 31.10.2020 | 19:45 | 20:00 | 2.024 |
| 31.10.2020 | 20:00 | 20:15 | 1.950 |
| 31.10.2020 | 20:15 | 20:30 | 1.874 |
| 31.10.2020 | 20:30 | 20:45 | 1.803 |
| 31.10.2020 | 20:45 | 21:00 | 1.745 |
| 31.10.2020 | 21:00 | 21:15 | 1.692 |
| 31.10.2020 | 21:15 | 21:30 | 1.621 |
| 31.10.2020 | 21:30 | 21:45 | 1.573 |
| 31.10.2020 | 21:45 | 22:00 | 1.513 |
| 31.10.2020 | 22:00 | 22:15 | 1.562 |
| 31.10.2020 | 22:15 | 22:30 | 1.509 |
| 31.10.2020 | 22:30 | 22:45 | 1.453 |
| 31.10.2020 | 22:45 | 23:00 | 1.417 |
| 31.10.2020 | 23:00 | 23:15 | 1.404 |
| 31.10.2020 | 23:15 | 23:30 | 1.360 |
| 31.10.2020 | 23:30 | 23:45 | 1.314 |
| 31.10.2020 | 23:45 | 00:00 | 1.275 |
| 01.11.2020 | 00:00 | 00:15 | 1.227 |
| 01.11.2020 | 00:15 | 00:30 | 1.186 |
| 01.11.2020 | 00:30 | 00:45 | 1.147 |
| 01.11.2020 | 00:45 | 01:00 | 1.116 |
| 01.11.2020 | 01:00 | 01:15 | 1.088 |
| 01.11.2020 | 01:15 | 01:30 | 1.066 |
| 01.11.2020 | 01:30 | 01:45 | 1.041 |
| 01.11.2020 | 01:45 | 02:00 | 1.009 |
| 01.11.2020 | 02:00 | 02:15 | 998 |
| 01.11.2020 | 02:15 | 02:30 | 985 |
| 01.11.2020 | 02:30 | 02:45 | 979 |
| 01.11.2020 | 02:45 | 03:00 | 969 |
| 01.11.2020 | 03:00 | 03:15 | 972 |
| 01.11.2020 | 03:15 | 03:30 | 958 |
| 01.11.2020 | 03:30 | 03:45 | 953 |
| 01.11.2020 | 03:45 | 04:00 | 954 |
| 01.11.2020 | 04:00 | 04:15 | 955 |
| 01.11.2020 | 04:15 | 04:30 | 960 |
| 01.11.2020 | 04:30 | 04:45 | 965 |
| 01.11.2020 | 04:45 | 05:00 | 970 |
| 01.11.2020 | 05:00 | 05:15 | 983 |
| 01.11.2020 | 05:15 | 05:30 | 991 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.11.2020 | 05:30 | 05:45 | 994 |
| 01.11.2020 | 05:45 | 06:00 | 983 |
| 01.11.2020 | 06:00 | 06:15 | 989 |
| 01.11.2020 | 06:15 | 06:30 | 1.007 |
| 01.11.2020 | 06:30 | 06:45 | 1.027 |
| 01.11.2020 | 06:45 | 07:00 | 1.042 |
| 01.11.2020 | 07:00 | 07:15 | 1.067 |
| 01.11.2020 | 07:15 | 07:30 | 1.066 |
| 01.11.2020 | 07:30 | 07:45 | 1.105 |
| 01.11.2020 | 07:45 | 08:00 | 1.148 |
| 01.11.2020 | 08:00 | 08:15 | 1.211 |
| 01.11.2020 | 08:15 | 08:30 | 1.284 |
| 01.11.2020 | 08:30 | 08:45 | 1.340 |
| 01.11.2020 | 08:45 | 09:00 | 1.411 |
| 01.11.2020 | 09:00 | 09:15 | 1.471 |
| 01.11.2020 | 09:15 | 09:30 | 1.566 |
| 01.11.2020 | 09:30 | 09:45 | 1.620 |
| 01.11.2020 | 09:45 | 10:00 | 1.666 |
| 01.11.2020 | 10:00 | 10:15 | 1.729 |
| 01.11.2020 | 10:15 | 10:30 | 1.774 |
| 01.11.2020 | 10:30 | 10:45 | 1.831 |
| 01.11.2020 | 10:45 | 11:00 | 1.897 |
| 01.11.2020 | 11:00 | 11:15 | 1.940 |
| 01.11.2020 | 11:15 | 11:30 | 1.972 |
| 01.11.2020 | 11:30 | 11:45 | 2.038 |
| 01.11.2020 | 11:45 | 12:00 | 2.065 |
| 01.11.2020 | 12:00 | 12:15 | 2.117 |
| 01.11.2020 | 12:15 | 12:30 | 2.137 |
| 01.11.2020 | 12:30 | 12:45 | 2.122 |
| 01.11.2020 | 12:45 | 13:00 | 2.077 |
| 01.11.2020 | 13:00 | 13:15 | 2.044 |
| 01.11.2020 | 13:15 | 13:30 | 2.003 |
| 01.11.2020 | 13:30 | 13:45 | 1.985 |
| 01.11.2020 | 13:45 | 14:00 | 1.966 |
| 01.11.2020 | 14:00 | 14:15 | 1.957 |
| 01.11.2020 | 14:15 | 14:30 | 1.938 |
| 01.11.2020 | 14:30 | 14:45 | 1.945 |
| 01.11.2020 | 14:45 | 15:00 | 1.930 |
| 01.11.2020 | 15:00 | 15:15 | 1.894 |
| 01.11.2020 | 15:15 | 15:30 | 1.903 |
| 01.11.2020 | 15:30 | 15:45 | 1.893 |
| 01.11.2020 | 15:45 | 16:00 | 1.851 |
| 01.11.2020 | 16:00 | 16:15 | 1.871 |
| 01.11.2020 | 16:15 | 16:30 | 1.887 |
| 01.11.2020 | 16:30 | 16:45 | 1.907 |
| 01.11.2020 | 16:45 | 17:00 | 1.952 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.11.2020 | 17:00 | 17:15 | 2.017 |
| 01.11.2020 | 17:15 | 17:30 | 2.141 |
| 01.11.2020 | 17:30 | 17:45 | 2.264 |
| 01.11.2020 | 17:45 | 18:00 | 2.288 |
| 01.11.2020 | 18:00 | 18:15 | 2.288 |
| 01.11.2020 | 18:15 | 18:30 | 2.256 |
| 01.11.2020 | 18:30 | 18:45 | 2.227 |
| 01.11.2020 | 18:45 | 19:00 | 2.196 |
| 01.11.2020 | 19:00 | 19:15 | 2.130 |
| 01.11.2020 | 19:15 | 19:30 | 2.087 |
| 01.11.2020 | 19:30 | 19:45 | 2.040 |
| 01.11.2020 | 19:45 | 20:00 | 1.974 |
| 01.11.2020 | 20:00 | 20:15 | 1.914 |
| 01.11.2020 | 20:15 | 20:30 | 1.837 |
| 01.11.2020 | 20:30 | 20:45 | 1.750 |
| 01.11.2020 | 20:45 | 21:00 | 1.710 |
| 01.11.2020 | 21:00 | 21:15 | 1.658 |
| 01.11.2020 | 21:15 | 21:30 | 1.613 |
| 01.11.2020 | 21:30 | 21:45 | 1.547 |
| 01.11.2020 | 21:45 | 22:00 | 1.502 |
| 01.11.2020 | 22:00 | 22:15 | 1.529 |
| 01.11.2020 | 22:15 | 22:30 | 1.489 |
| 01.11.2020 | 22:30 | 22:45 | 1.436 |
| 01.11.2020 | 22:45 | 23:00 | 1.379 |
| 01.11.2020 | 23:00 | 23:15 | 1.327 |
| 01.11.2020 | 23:15 | 23:30 | 1.270 |
| 01.11.2020 | 23:30 | 23:45 | 1.222 |
| 01.11.2020 | 23:45 | 00:00 | 1.177 |
| 02.11.2020 | 00:00 | 00:15 | 1.146 |
| 02.11.2020 | 00:15 | 00:30 | 1.106 |
| 02.11.2020 | 00:30 | 00:45 | 1.091 |
| 02.11.2020 | 00:45 | 01:00 | 1.064 |
| 02.11.2020 | 01:00 | 01:15 | 1.041 |
| 02.11.2020 | 01:15 | 01:30 | 1.021 |
| 02.11.2020 | 01:30 | 01:45 | 1.017 |
| 02.11.2020 | 01:45 | 02:00 | 1.001 |
| 02.11.2020 | 02:00 | 02:15 | 1.005 |
| 02.11.2020 | 02:15 | 02:30 | 994 |
| 02.11.2020 | 02:30 | 02:45 | 996 |
| 02.11.2020 | 02:45 | 03:00 | 989 |
| 02.11.2020 | 03:00 | 03:15 | 1.005 |
| 02.11.2020 | 03:15 | 03:30 | 995 |
| 02.11.2020 | 03:30 | 03:45 | 987 |
| 02.11.2020 | 03:45 | 04:00 | 996 |
| 02.11.2020 | 04:00 | 04:15 | 1.012 |
| 02.11.2020 | 04:15 | 04:30 | 1.027 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.11.2020 | 04:30 | 04:45 | 1.070 |
| 02.11.2020 | 04:45 | 05:00 | 1.097 |
| 02.11.2020 | 05:00 | 05:15 | 1.149 |
| 02.11.2020 | 05:15 | 05:30 | 1.194 |
| 02.11.2020 | 05:30 | 05:45 | 1.274 |
| 02.11.2020 | 05:45 | 06:00 | 1.368 |
| 02.11.2020 | 06:00 | 06:15 | 1.527 |
| 02.11.2020 | 06:15 | 06:30 | 1.689 |
| 02.11.2020 | 06:30 | 06:45 | 1.777 |
| 02.11.2020 | 06:45 | 07:00 | 1.887 |
| 02.11.2020 | 07:00 | 07:15 | 1.993 |
| 02.11.2020 | 07:15 | 07:30 | 2.030 |
| 02.11.2020 | 07:30 | 07:45 | 2.069 |
| 02.11.2020 | 07:45 | 08:00 | 2.091 |
| 02.11.2020 | 08:00 | 08:15 | 2.130 |
| 02.11.2020 | 08:15 | 08:30 | 2.182 |
| 02.11.2020 | 08:30 | 08:45 | 2.239 |
| 02.11.2020 | 08:45 | 09:00 | 2.261 |
| 02.11.2020 | 09:00 | 09:15 | 2.305 |
| 02.11.2020 | 09:15 | 09:30 | 2.333 |
| 02.11.2020 | 09:30 | 09:45 | 2.412 |
| 02.11.2020 | 09:45 | 10:00 | 2.408 |
| 02.11.2020 | 10:00 | 10:15 | 2.417 |
| 02.11.2020 | 10:15 | 10:30 | 2.392 |
| 02.11.2020 | 10:30 | 10:45 | 2.443 |
| 02.11.2020 | 10:45 | 11:00 | 2.450 |
| 02.11.2020 | 11:00 | 11:15 | 2.465 |
| 02.11.2020 | 11:15 | 11:30 | 2.445 |
| 02.11.2020 | 11:30 | 11:45 | 2.404 |
| 02.11.2020 | 11:45 | 12:00 | 2.480 |
| 02.11.2020 | 12:00 | 12:15 | 2.548 |
| 02.11.2020 | 12:15 | 12:30 | 2.613 |
| 02.11.2020 | 12:30 | 12:45 | 2.653 |
| 02.11.2020 | 12:45 | 13:00 | 2.666 |
| 02.11.2020 | 13:00 | 13:15 | 2.666 |
| 02.11.2020 | 13:15 | 13:30 | 2.634 |
| 02.11.2020 | 13:30 | 13:45 | 2.589 |
| 02.11.2020 | 13:45 | 14:00 | 2.551 |
| 02.11.2020 | 14:00 | 14:15 | 2.523 |
| 02.11.2020 | 14:15 | 14:30 | 2.493 |
| 02.11.2020 | 14:30 | 14:45 | 2.449 |
| 02.11.2020 | 14:45 | 15:00 | 2.483 |
| 02.11.2020 | 15:00 | 15:15 | 2.527 |
| 02.11.2020 | 15:15 | 15:30 | 2.562 |
| 02.11.2020 | 15:30 | 15:45 | 2.565 |
| 02.11.2020 | 15:45 | 16:00 | 2.514 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.11.2020 | 16:00 | 16:15 | 2.515 |
| 02.11.2020 | 16:15 | 16:30 | 2.470 |
| 02.11.2020 | 16:30 | 16:45 | 2.502 |
| 02.11.2020 | 16:45 | 17:00 | 2.661 |
| 02.11.2020 | 17:00 | 17:15 | 2.793 |
| 02.11.2020 | 17:15 | 17:30 | 3.008 |
| 02.11.2020 | 17:30 | 17:45 | 3.017 |
| 02.11.2020 | 17:45 | 18:00 | 3.059 |
| 02.11.2020 | 18:00 | 18:15 | 3.008 |
| 02.11.2020 | 18:15 | 18:30 | 2.958 |
| 02.11.2020 | 18:30 | 18:45 | 2.902 |
| 02.11.2020 | 18:45 | 19:00 | 2.873 |
| 02.11.2020 | 19:00 | 19:15 | 2.775 |
| 02.11.2020 | 19:15 | 19:30 | 2.712 |
| 02.11.2020 | 19:30 | 19:45 | 2.602 |
| 02.11.2020 | 19:45 | 20:00 | 2.504 |
| 02.11.2020 | 20:00 | 20:15 | 2.390 |
| 02.11.2020 | 20:15 | 20:30 | 2.261 |
| 02.11.2020 | 20:30 | 20:45 | 2.228 |
| 02.11.2020 | 20:45 | 21:00 | 2.126 |
| 02.11.2020 | 21:00 | 21:15 | 2.040 |
| 02.11.2020 | 21:15 | 21:30 | 1.939 |
| 02.11.2020 | 21:30 | 21:45 | 1.834 |
| 02.11.2020 | 21:45 | 22:00 | 1.777 |
| 02.11.2020 | 22:00 | 22:15 | 1.775 |
| 02.11.2020 | 22:15 | 22:30 | 1.733 |
| 02.11.2020 | 22:30 | 22:45 | 1.657 |
| 02.11.2020 | 22:45 | 23:00 | 1.593 |
| 02.11.2020 | 23:00 | 23:15 | 1.491 |
| 02.11.2020 | 23:15 | 23:30 | 1.422 |
| 02.11.2020 | 23:30 | 23:45 | 1.364 |
| 02.11.2020 | 23:45 | 00:00 | 1.317 |
| 03.11.2020 | 00:00 | 00:15 | 1.287 |
| 03.11.2020 | 00:15 | 00:30 | 1.243 |
| 03.11.2020 | 00:30 | 00:45 | 1.218 |
| 03.11.2020 | 00:45 | 01:00 | 1.165 |
| 03.11.2020 | 01:00 | 01:15 | 1.141 |
| 03.11.2020 | 01:15 | 01:30 | 1.115 |
| 03.11.2020 | 01:30 | 01:45 | 1.101 |
| 03.11.2020 | 01:45 | 02:00 | 1.097 |
| 03.11.2020 | 02:00 | 02:15 | 1.083 |
| 03.11.2020 | 02:15 | 02:30 | 1.075 |
| 03.11.2020 | 02:30 | 02:45 | 1.059 |
| 03.11.2020 | 02:45 | 03:00 | 1.047 |
| 03.11.2020 | 03:00 | 03:15 | 1.031 |
| 03.11.2020 | 03:15 | 03:30 | 1.010 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.11.2020 | 03:30 | 03:45 | 1.005 |
| 03.11.2020 | 03:45 | 04:00 | 1.022 |
| 03.11.2020 | 04:00 | 04:15 | 1.065 |
| 03.11.2020 | 04:15 | 04:30 | 1.098 |
| 03.11.2020 | 04:30 | 04:45 | 1.125 |
| 03.11.2020 | 04:45 | 05:00 | 1.187 |
| 03.11.2020 | 05:00 | 05:15 | 1.276 |
| 03.11.2020 | 05:15 | 05:30 | 1.324 |
| 03.11.2020 | 05:30 | 05:45 | 1.389 |
| 03.11.2020 | 05:45 | 06:00 | 1.490 |
| 03.11.2020 | 06:00 | 06:15 | 1.638 |
| 03.11.2020 | 06:15 | 06:30 | 1.789 |
| 03.11.2020 | 06:30 | 06:45 | 1.898 |
| 03.11.2020 | 06:45 | 07:00 | 1.988 |
| 03.11.2020 | 07:00 | 07:15 | 2.082 |
| 03.11.2020 | 07:15 | 07:30 | 2.096 |
| 03.11.2020 | 07:30 | 07:45 | 2.133 |
| 03.11.2020 | 07:45 | 08:00 | 2.164 |
| 03.11.2020 | 08:00 | 08:15 | 2.235 |
| 03.11.2020 | 08:15 | 08:30 | 2.264 |
| 03.11.2020 | 08:30 | 08:45 | 2.284 |
| 03.11.2020 | 08:45 | 09:00 | 2.298 |
| 03.11.2020 | 09:00 | 09:15 | 2.288 |
| 03.11.2020 | 09:15 | 09:30 | 2.313 |
| 03.11.2020 | 09:30 | 09:45 | 2.332 |
| 03.11.2020 | 09:45 | 10:00 | 2.339 |
| 03.11.2020 | 10:00 | 10:15 | 2.369 |
| 03.11.2020 | 10:15 | 10:30 | 2.381 |
| 03.11.2020 | 10:30 | 10:45 | 2.416 |
| 03.11.2020 | 10:45 | 11:00 | 2.415 |
| 03.11.2020 | 11:00 | 11:15 | 2.440 |
| 03.11.2020 | 11:15 | 11:30 | 2.443 |
| 03.11.2020 | 11:30 | 11:45 | 2.465 |
| 03.11.2020 | 11:45 | 12:00 | 2.472 |
| 03.11.2020 | 12:00 | 12:15 | 2.517 |
| 03.11.2020 | 12:15 | 12:30 | 2.570 |
| 03.11.2020 | 12:30 | 12:45 | 2.562 |
| 03.11.2020 | 12:45 | 13:00 | 2.537 |
| 03.11.2020 | 13:00 | 13:15 | 2.544 |
| 03.11.2020 | 13:15 | 13:30 | 2.556 |
| 03.11.2020 | 13:30 | 13:45 | 2.482 |
| 03.11.2020 | 13:45 | 14:00 | 2.445 |
| 03.11.2020 | 14:00 | 14:15 | 2.425 |
| 03.11.2020 | 14:15 | 14:30 | 2.414 |
| 03.11.2020 | 14:30 | 14:45 | 2.383 |
| 03.11.2020 | 14:45 | 15:00 | 2.324 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.11.2020 | 15:00 | 15:15 | 2.245 |
| 03.11.2020 | 15:15 | 15:30 | 2.262 |
| 03.11.2020 | 15:30 | 15:45 | 2.260 |
| 03.11.2020 | 15:45 | 16:00 | 2.300 |
| 03.11.2020 | 16:00 | 16:15 | 2.399 |
| 03.11.2020 | 16:15 | 16:30 | 2.422 |
| 03.11.2020 | 16:30 | 16:45 | 2.404 |
| 03.11.2020 | 16:45 | 17:00 | 2.478 |
| 03.11.2020 | 17:00 | 17:15 | 2.585 |
| 03.11.2020 | 17:15 | 17:30 | 2.754 |
| 03.11.2020 | 17:30 | 17:45 | 2.917 |
| 03.11.2020 | 17:45 | 18:00 | 2.991 |
| 03.11.2020 | 18:00 | 18:15 | 2.920 |
| 03.11.2020 | 18:15 | 18:30 | 2.922 |
| 03.11.2020 | 18:30 | 18:45 | 2.899 |
| 03.11.2020 | 18:45 | 19:00 | 2.883 |
| 03.11.2020 | 19:00 | 19:15 | 2.784 |
| 03.11.2020 | 19:15 | 19:30 | 2.733 |
| 03.11.2020 | 19:30 | 19:45 | 2.675 |
| 03.11.2020 | 19:45 | 20:00 | 2.584 |
| 03.11.2020 | 20:00 | 20:15 | 2.452 |
| 03.11.2020 | 20:15 | 20:30 | 2.327 |
| 03.11.2020 | 20:30 | 20:45 | 2.256 |
| 03.11.2020 | 20:45 | 21:00 | 2.173 |
| 03.11.2020 | 21:00 | 21:15 | 2.080 |
| 03.11.2020 | 21:15 | 21:30 | 1.972 |
| 03.11.2020 | 21:30 | 21:45 | 1.863 |
| 03.11.2020 | 21:45 | 22:00 | 1.787 |
| 03.11.2020 | 22:00 | 22:15 | 1.767 |
| 03.11.2020 | 22:15 | 22:30 | 1.742 |
| 03.11.2020 | 22:30 | 22:45 | 1.683 |
| 03.11.2020 | 22:45 | 23:00 | 1.610 |
| 03.11.2020 | 23:00 | 23:15 | 1.533 |
| 03.11.2020 | 23:15 | 23:30 | 1.473 |
| 03.11.2020 | 23:30 | 23:45 | 1.413 |
| 03.11.2020 | 23:45 | 00:00 | 1.354 |
| 04.11.2020 | 00:00 | 00:15 | 1.332 |
| 04.11.2020 | 00:15 | 00:30 | 1.299 |
| 04.11.2020 | 00:30 | 00:45 | 1.260 |
| 04.11.2020 | 00:45 | 01:00 | 1.235 |
| 04.11.2020 | 01:00 | 01:15 | 1.209 |
| 04.11.2020 | 01:15 | 01:30 | 1.180 |
| 04.11.2020 | 01:30 | 01:45 | 1.174 |
| 04.11.2020 | 01:45 | 02:00 | 1.166 |
| 04.11.2020 | 02:00 | 02:15 | 1.173 |
| 04.11.2020 | 02:15 | 02:30 | 1.172 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.11.2020 | 02:30 | 02:45 | 1.151 |
| 04.11.2020 | 02:45 | 03:00 | 1.124 |
| 04.11.2020 | 03:00 | 03:15 | 1.114 |
| 04.11.2020 | 03:15 | 03:30 | 1.117 |
| 04.11.2020 | 03:30 | 03:45 | 1.104 |
| 04.11.2020 | 03:45 | 04:00 | 1.123 |
| 04.11.2020 | 04:00 | 04:15 | 1.156 |
| 04.11.2020 | 04:15 | 04:30 | 1.188 |
| 04.11.2020 | 04:30 | 04:45 | 1.229 |
| 04.11.2020 | 04:45 | 05:00 | 1.251 |
| 04.11.2020 | 05:00 | 05:15 | 1.313 |
| 04.11.2020 | 05:15 | 05:30 | 1.366 |
| 04.11.2020 | 05:30 | 05:45 | 1.426 |
| 04.11.2020 | 05:45 | 06:00 | 1.511 |
| 04.11.2020 | 06:00 | 06:15 | 1.645 |
| 04.11.2020 | 06:15 | 06:30 | 1.795 |
| 04.11.2020 | 06:30 | 06:45 | 1.909 |
| 04.11.2020 | 06:45 | 07:00 | 2.003 |
| 04.11.2020 | 07:00 | 07:15 | 2.095 |
| 04.11.2020 | 07:15 | 07:30 | 2.131 |
| 04.11.2020 | 07:30 | 07:45 | 2.161 |
| 04.11.2020 | 07:45 | 08:00 | 2.202 |
| 04.11.2020 | 08:00 | 08:15 | 2.271 |
| 04.11.2020 | 08:15 | 08:30 | 2.302 |
| 04.11.2020 | 08:30 | 08:45 | 2.340 |
| 04.11.2020 | 08:45 | 09:00 | 2.361 |
| 04.11.2020 | 09:00 | 09:15 | 2.378 |
| 04.11.2020 | 09:15 | 09:30 | 2.386 |
| 04.11.2020 | 09:30 | 09:45 | 2.415 |
| 04.11.2020 | 09:45 | 10:00 | 2.436 |
| 04.11.2020 | 10:00 | 10:15 | 2.485 |
| 04.11.2020 | 10:15 | 10:30 | 2.482 |
| 04.11.2020 | 10:30 | 10:45 | 2.485 |
| 04.11.2020 | 10:45 | 11:00 | 2.516 |
| 04.11.2020 | 11:00 | 11:15 | 2.543 |
| 04.11.2020 | 11:15 | 11:30 | 2.508 |
| 04.11.2020 | 11:30 | 11:45 | 2.590 |
| 04.11.2020 | 11:45 | 12:00 | 2.489 |
| 04.11.2020 | 12:00 | 12:15 | 2.483 |
| 04.11.2020 | 12:15 | 12:30 | 2.485 |
| 04.11.2020 | 12:30 | 12:45 | 2.503 |
| 04.11.2020 | 12:45 | 13:00 | 2.497 |
| 04.11.2020 | 13:00 | 13:15 | 2.473 |
| 04.11.2020 | 13:15 | 13:30 | 2.468 |
| 04.11.2020 | 13:30 | 13:45 | 2.458 |
| 04.11.2020 | 13:45 | 14:00 | 2.422 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.11.2020 | 14:00 | 14:15 | 2.415 |
| 04.11.2020 | 14:15 | 14:30 | 2.439 |
| 04.11.2020 | 14:30 | 14:45 | 2.378 |
| 04.11.2020 | 14:45 | 15:00 | 2.276 |
| 04.11.2020 | 15:00 | 15:15 | 2.292 |
| 04.11.2020 | 15:15 | 15:30 | 2.314 |
| 04.11.2020 | 15:30 | 15:45 | 2.313 |
| 04.11.2020 | 15:45 | 16:00 | 2.313 |
| 04.11.2020 | 16:00 | 16:15 | 2.338 |
| 04.11.2020 | 16:15 | 16:30 | 2.368 |
| 04.11.2020 | 16:30 | 16:45 | 2.385 |
| 04.11.2020 | 16:45 | 17:00 | 2.438 |
| 04.11.2020 | 17:00 | 17:15 | 2.571 |
| 04.11.2020 | 17:15 | 17:30 | 2.746 |
| 04.11.2020 | 17:30 | 17:45 | 2.879 |
| 04.11.2020 | 17:45 | 18:00 | 2.961 |
| 04.11.2020 | 18:00 | 18:15 | 3.007 |
| 04.11.2020 | 18:15 | 18:30 | 3.016 |
| 04.11.2020 | 18:30 | 18:45 | 2.970 |
| 04.11.2020 | 18:45 | 19:00 | 2.947 |
| 04.11.2020 | 19:00 | 19:15 | 2.854 |
| 04.11.2020 | 19:15 | 19:30 | 2.770 |
| 04.11.2020 | 19:30 | 19:45 | 2.670 |
| 04.11.2020 | 19:45 | 20:00 | 2.597 |
| 04.11.2020 | 20:00 | 20:15 | 2.488 |
| 04.11.2020 | 20:15 | 20:30 | 2.351 |
| 04.11.2020 | 20:30 | 20:45 | 2.223 |
| 04.11.2020 | 20:45 | 21:00 | 2.162 |
| 04.11.2020 | 21:00 | 21:15 | 2.077 |
| 04.11.2020 | 21:15 | 21:30 | 1.975 |
| 04.11.2020 | 21:30 | 21:45 | 1.872 |
| 04.11.2020 | 21:45 | 22:00 | 1.782 |
| 04.11.2020 | 22:00 | 22:15 | 1.789 |
| 04.11.2020 | 22:15 | 22:30 | 1.748 |
| 04.11.2020 | 22:30 | 22:45 | 1.713 |
| 04.11.2020 | 22:45 | 23:00 | 1.643 |
| 04.11.2020 | 23:00 | 23:15 | 1.555 |
| 04.11.2020 | 23:15 | 23:30 | 1.503 |
| 04.11.2020 | 23:30 | 23:45 | 1.447 |
| 04.11.2020 | 23:45 | 00:00 | 1.393 |
| 05.11.2020 | 00:00 | 00:15 | 1.347 |
| 05.11.2020 | 00:15 | 00:30 | 1.316 |
| 05.11.2020 | 00:30 | 00:45 | 1.281 |
| 05.11.2020 | 00:45 | 01:00 | 1.241 |
| 05.11.2020 | 01:00 | 01:15 | 1.218 |
| 05.11.2020 | 01:15 | 01:30 | 1.187 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.11.2020 | 01:30 | 01:45 | 1.153 |
| 05.11.2020 | 01:45 | 02:00 | 1.147 |
| 05.11.2020 | 02:00 | 02:15 | 1.141 |
| 05.11.2020 | 02:15 | 02:30 | 1.130 |
| 05.11.2020 | 02:30 | 02:45 | 1.123 |
| 05.11.2020 | 02:45 | 03:00 | 1.113 |
| 05.11.2020 | 03:00 | 03:15 | 1.109 |
| 05.11.2020 | 03:15 | 03:30 | 1.100 |
| 05.11.2020 | 03:30 | 03:45 | 1.101 |
| 05.11.2020 | 03:45 | 04:00 | 1.123 |
| 05.11.2020 | 04:00 | 04:15 | 1.151 |
| 05.11.2020 | 04:15 | 04:30 | 1.192 |
| 05.11.2020 | 04:30 | 04:45 | 1.222 |
| 05.11.2020 | 04:45 | 05:00 | 1.253 |
| 05.11.2020 | 05:00 | 05:15 | 1.312 |
| 05.11.2020 | 05:15 | 05:30 | 1.362 |
| 05.11.2020 | 05:30 | 05:45 | 1.427 |
| 05.11.2020 | 05:45 | 06:00 | 1.514 |
| 05.11.2020 | 06:00 | 06:15 | 1.627 |
| 05.11.2020 | 06:15 | 06:30 | 1.780 |
| 05.11.2020 | 06:30 | 06:45 | 1.913 |
| 05.11.2020 | 06:45 | 07:00 | 2.011 |
| 05.11.2020 | 07:00 | 07:15 | 2.120 |
| 05.11.2020 | 07:15 | 07:30 | 2.153 |
| 05.11.2020 | 07:30 | 07:45 | 2.172 |
| 05.11.2020 | 07:45 | 08:00 | 2.201 |
| 05.11.2020 | 08:00 | 08:15 | 2.208 |
| 05.11.2020 | 08:15 | 08:30 | 2.235 |
| 05.11.2020 | 08:30 | 08:45 | 2.272 |
| 05.11.2020 | 08:45 | 09:00 | 2.309 |
| 05.11.2020 | 09:00 | 09:15 | 2.378 |
| 05.11.2020 | 09:15 | 09:30 | 2.436 |
| 05.11.2020 | 09:30 | 09:45 | 2.420 |
| 05.11.2020 | 09:45 | 10:00 | 2.376 |
| 05.11.2020 | 10:00 | 10:15 | 2.416 |
| 05.11.2020 | 10:15 | 10:30 | 2.469 |
| 05.11.2020 | 10:30 | 10:45 | 2.486 |
| 05.11.2020 | 10:45 | 11:00 | 2.492 |
| 05.11.2020 | 11:00 | 11:15 | 2.506 |
| 05.11.2020 | 11:15 | 11:30 | 2.528 |
| 05.11.2020 | 11:30 | 11:45 | 2.524 |
| 05.11.2020 | 11:45 | 12:00 | 2.564 |
| 05.11.2020 | 12:00 | 12:15 | 2.626 |
| 05.11.2020 | 12:15 | 12:30 | 2.636 |
| 05.11.2020 | 12:30 | 12:45 | 2.679 |
| 05.11.2020 | 12:45 | 13:00 | 2.649 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.11.2020 | 13:00 | 13:15 | 2.624 |
| 05.11.2020 | 13:15 | 13:30 | 2.593 |
| 05.11.2020 | 13:30 | 13:45 | 2.568 |
| 05.11.2020 | 13:45 | 14:00 | 2.531 |
| 05.11.2020 | 14:00 | 14:15 | 2.492 |
| 05.11.2020 | 14:15 | 14:30 | 2.511 |
| 05.11.2020 | 14:30 | 14:45 | 2.515 |
| 05.11.2020 | 14:45 | 15:00 | 2.463 |
| 05.11.2020 | 15:00 | 15:15 | 2.423 |
| 05.11.2020 | 15:15 | 15:30 | 2.397 |
| 05.11.2020 | 15:30 | 15:45 | 2.400 |
| 05.11.2020 | 15:45 | 16:00 | 2.403 |
| 05.11.2020 | 16:00 | 16:15 | 2.412 |
| 05.11.2020 | 16:15 | 16:30 | 2.439 |
| 05.11.2020 | 16:30 | 16:45 | 2.492 |
| 05.11.2020 | 16:45 | 17:00 | 2.540 |
| 05.11.2020 | 17:00 | 17:15 | 2.667 |
| 05.11.2020 | 17:15 | 17:30 | 2.821 |
| 05.11.2020 | 17:30 | 17:45 | 2.955 |
| 05.11.2020 | 17:45 | 18:00 | 3.014 |
| 05.11.2020 | 18:00 | 18:15 | 3.051 |
| 05.11.2020 | 18:15 | 18:30 | 3.000 |
| 05.11.2020 | 18:30 | 18:45 | 2.996 |
| 05.11.2020 | 18:45 | 19:00 | 2.965 |
| 05.11.2020 | 19:00 | 19:15 | 2.851 |
| 05.11.2020 | 19:15 | 19:30 | 2.778 |
| 05.11.2020 | 19:30 | 19:45 | 2.712 |
| 05.11.2020 | 19:45 | 20:00 | 2.619 |
| 05.11.2020 | 20:00 | 20:15 | 2.473 |
| 05.11.2020 | 20:15 | 20:30 | 2.376 |
| 05.11.2020 | 20:30 | 20:45 | 2.275 |
| 05.11.2020 | 20:45 | 21:00 | 2.199 |
| 05.11.2020 | 21:00 | 21:15 | 2.067 |
| 05.11.2020 | 21:15 | 21:30 | 1.965 |
| 05.11.2020 | 21:30 | 21:45 | 1.875 |
| 05.11.2020 | 21:45 | 22:00 | 1.778 |
| 05.11.2020 | 22:00 | 22:15 | 1.785 |
| 05.11.2020 | 22:15 | 22:30 | 1.740 |
| 05.11.2020 | 22:30 | 22:45 | 1.706 |
| 05.11.2020 | 22:45 | 23:00 | 1.631 |
| 05.11.2020 | 23:00 | 23:15 | 1.556 |
| 05.11.2020 | 23:15 | 23:30 | 1.499 |
| 05.11.2020 | 23:30 | 23:45 | 1.443 |
| 05.11.2020 | 23:45 | 00:00 | 1.380 |
| 06.11.2020 | 00:00 | 00:15 | 1.331 |
| 06.11.2020 | 00:15 | 00:30 | 1.284 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.11.2020 | 00:30 | 00:45 | 1.260 |
| 06.11.2020 | 00:45 | 01:00 | 1.232 |
| 06.11.2020 | 01:00 | 01:15 | 1.211 |
| 06.11.2020 | 01:15 | 01:30 | 1.206 |
| 06.11.2020 | 01:30 | 01:45 | 1.169 |
| 06.11.2020 | 01:45 | 02:00 | 1.163 |
| 06.11.2020 | 02:00 | 02:15 | 1.148 |
| 06.11.2020 | 02:15 | 02:30 | 1.132 |
| 06.11.2020 | 02:30 | 02:45 | 1.110 |
| 06.11.2020 | 02:45 | 03:00 | 1.104 |
| 06.11.2020 | 03:00 | 03:15 | 1.103 |
| 06.11.2020 | 03:15 | 03:30 | 1.076 |
| 06.11.2020 | 03:30 | 03:45 | 1.088 |
| 06.11.2020 | 03:45 | 04:00 | 1.107 |
| 06.11.2020 | 04:00 | 04:15 | 1.113 |
| 06.11.2020 | 04:15 | 04:30 | 1.120 |
| 06.11.2020 | 04:30 | 04:45 | 1.154 |
| 06.11.2020 | 04:45 | 05:00 | 1.197 |
| 06.11.2020 | 05:00 | 05:15 | 1.255 |
| 06.11.2020 | 05:15 | 05:30 | 1.297 |
| 06.11.2020 | 05:30 | 05:45 | 1.356 |
| 06.11.2020 | 05:45 | 06:00 | 1.438 |
| 06.11.2020 | 06:00 | 06:15 | 1.561 |
| 06.11.2020 | 06:15 | 06:30 | 1.681 |
| 06.11.2020 | 06:30 | 06:45 | 1.840 |
| 06.11.2020 | 06:45 | 07:00 | 1.959 |
| 06.11.2020 | 07:00 | 07:15 | 2.078 |
| 06.11.2020 | 07:15 | 07:30 | 2.084 |
| 06.11.2020 | 07:30 | 07:45 | 2.110 |
| 06.11.2020 | 07:45 | 08:00 | 2.130 |
| 06.11.2020 | 08:00 | 08:15 | 2.189 |
| 06.11.2020 | 08:15 | 08:30 | 2.236 |
| 06.11.2020 | 08:30 | 08:45 | 2.214 |
| 06.11.2020 | 08:45 | 09:00 | 2.245 |
| 06.11.2020 | 09:00 | 09:15 | 2.290 |
| 06.11.2020 | 09:15 | 09:30 | 2.296 |
| 06.11.2020 | 09:30 | 09:45 | 2.305 |
| 06.11.2020 | 09:45 | 10:00 | 2.311 |
| 06.11.2020 | 10:00 | 10:15 | 2.332 |
| 06.11.2020 | 10:15 | 10:30 | 2.352 |
| 06.11.2020 | 10:30 | 10:45 | 2.433 |
| 06.11.2020 | 10:45 | 11:00 | 2.470 |
| 06.11.2020 | 11:00 | 11:15 | 2.473 |
| 06.11.2020 | 11:15 | 11:30 | 2.500 |
| 06.11.2020 | 11:30 | 11:45 | 2.529 |
| 06.11.2020 | 11:45 | 12:00 | 2.569 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.11.2020 | 12:00 | 12:15 | 2.586 |
| 06.11.2020 | 12:15 | 12:30 | 2.574 |
| 06.11.2020 | 12:30 | 12:45 | 2.568 |
| 06.11.2020 | 12:45 | 13:00 | 2.581 |
| 06.11.2020 | 13:00 | 13:15 | 2.568 |
| 06.11.2020 | 13:15 | 13:30 | 2.525 |
| 06.11.2020 | 13:30 | 13:45 | 2.487 |
| 06.11.2020 | 13:45 | 14:00 | 2.467 |
| 06.11.2020 | 14:00 | 14:15 | 2.426 |
| 06.11.2020 | 14:15 | 14:30 | 2.443 |
| 06.11.2020 | 14:30 | 14:45 | 2.409 |
| 06.11.2020 | 14:45 | 15:00 | 2.385 |
| 06.11.2020 | 15:00 | 15:15 | 2.370 |
| 06.11.2020 | 15:15 | 15:30 | 2.354 |
| 06.11.2020 | 15:30 | 15:45 | 2.335 |
| 06.11.2020 | 15:45 | 16:00 | 2.340 |
| 06.11.2020 | 16:00 | 16:15 | 2.359 |
| 06.11.2020 | 16:15 | 16:30 | 2.363 |
| 06.11.2020 | 16:30 | 16:45 | 2.428 |
| 06.11.2020 | 16:45 | 17:00 | 2.487 |
| 06.11.2020 | 17:00 | 17:15 | 2.597 |
| 06.11.2020 | 17:15 | 17:30 | 2.849 |
| 06.11.2020 | 17:30 | 17:45 | 2.947 |
| 06.11.2020 | 17:45 | 18:00 | 3.033 |
| 06.11.2020 | 18:00 | 18:15 | 3.023 |
| 06.11.2020 | 18:15 | 18:30 | 2.982 |
| 06.11.2020 | 18:30 | 18:45 | 2.929 |
| 06.11.2020 | 18:45 | 19:00 | 2.917 |
| 06.11.2020 | 19:00 | 19:15 | 2.812 |
| 06.11.2020 | 19:15 | 19:30 | 2.745 |
| 06.11.2020 | 19:30 | 19:45 | 2.657 |
| 06.11.2020 | 19:45 | 20:00 | 2.594 |
| 06.11.2020 | 20:00 | 20:15 | 2.465 |
| 06.11.2020 | 20:15 | 20:30 | 2.372 |
| 06.11.2020 | 20:30 | 20:45 | 2.300 |
| 06.11.2020 | 20:45 | 21:00 | 2.202 |
| 06.11.2020 | 21:00 | 21:15 | 2.149 |
| 06.11.2020 | 21:15 | 21:30 | 2.047 |
| 06.11.2020 | 21:30 | 21:45 | 1.883 |
| 06.11.2020 | 21:45 | 22:00 | 1.783 |
| 06.11.2020 | 22:00 | 22:15 | 1.806 |
| 06.11.2020 | 22:15 | 22:30 | 1.763 |
| 06.11.2020 | 22:30 | 22:45 | 1.753 |
| 06.11.2020 | 22:45 | 23:00 | 1.694 |
| 06.11.2020 | 23:00 | 23:15 | 1.620 |
| 06.11.2020 | 23:15 | 23:30 | 1.575 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.11.2020 | 23:30 | 23:45 | 1.501 |
| 06.11.2020 | 23:45 | 00:00 | 1.446 |
| 07.11.2020 | 00:00 | 00:15 | 1.387 |
| 07.11.2020 | 00:15 | 00:30 | 1.331 |
| 07.11.2020 | 00:30 | 00:45 | 1.298 |
| 07.11.2020 | 00:45 | 01:00 | 1.253 |
| 07.11.2020 | 01:00 | 01:15 | 1.229 |
| 07.11.2020 | 01:15 | 01:30 | 1.203 |
| 07.11.2020 | 01:30 | 01:45 | 1.170 |
| 07.11.2020 | 01:45 | 02:00 | 1.155 |
| 07.11.2020 | 02:00 | 02:15 | 1.145 |
| 07.11.2020 | 02:15 | 02:30 | 1.123 |
| 07.11.2020 | 02:30 | 02:45 | 1.100 |
| 07.11.2020 | 02:45 | 03:00 | 1.085 |
| 07.11.2020 | 03:00 | 03:15 | 1.083 |
| 07.11.2020 | 03:15 | 03:30 | 1.072 |
| 07.11.2020 | 03:30 | 03:45 | 1.077 |
| 07.11.2020 | 03:45 | 04:00 | 1.076 |
| 07.11.2020 | 04:00 | 04:15 | 1.092 |
| 07.11.2020 | 04:15 | 04:30 | 1.052 |
| 07.11.2020 | 04:30 | 04:45 | 1.017 |
| 07.11.2020 | 04:45 | 05:00 | 1.027 |
| 07.11.2020 | 05:00 | 05:15 | 1.048 |
| 07.11.2020 | 05:15 | 05:30 | 1.064 |
| 07.11.2020 | 05:30 | 05:45 | 1.067 |
| 07.11.2020 | 05:45 | 06:00 | 1.100 |
| 07.11.2020 | 06:00 | 06:15 | 1.099 |
| 07.11.2020 | 06:15 | 06:30 | 1.131 |
| 07.11.2020 | 06:30 | 06:45 | 1.164 |
| 07.11.2020 | 06:45 | 07:00 | 1.207 |
| 07.11.2020 | 07:00 | 07:15 | 1.260 |
| 07.11.2020 | 07:15 | 07:30 | 1.261 |
| 07.11.2020 | 07:30 | 07:45 | 1.305 |
| 07.11.2020 | 07:45 | 08:00 | 1.352 |
| 07.11.2020 | 08:00 | 08:15 | 1.437 |
| 07.11.2020 | 08:15 | 08:30 | 1.504 |
| 07.11.2020 | 08:30 | 08:45 | 1.562 |
| 07.11.2020 | 08:45 | 09:00 | 1.655 |
| 07.11.2020 | 09:00 | 09:15 | 1.709 |
| 07.11.2020 | 09:15 | 09:30 | 1.790 |
| 07.11.2020 | 09:30 | 09:45 | 1.849 |
| 07.11.2020 | 09:45 | 10:00 | 1.932 |
| 07.11.2020 | 10:00 | 10:15 | 1.986 |
| 07.11.2020 | 10:15 | 10:30 | 1.992 |
| 07.11.2020 | 10:30 | 10:45 | 2.002 |
| 07.11.2020 | 10:45 | 11:00 | 2.046 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.11.2020 | 11:00 | 11:15 | 2.093 |
| 07.11.2020 | 11:15 | 11:30 | 2.102 |
| 07.11.2020 | 11:30 | 11:45 | 2.135 |
| 07.11.2020 | 11:45 | 12:00 | 2.126 |
| 07.11.2020 | 12:00 | 12:15 | 2.135 |
| 07.11.2020 | 12:15 | 12:30 | 2.139 |
| 07.11.2020 | 12:30 | 12:45 | 2.126 |
| 07.11.2020 | 12:45 | 13:00 | 2.121 |
| 07.11.2020 | 13:00 | 13:15 | 2.084 |
| 07.11.2020 | 13:15 | 13:30 | 2.081 |
| 07.11.2020 | 13:30 | 13:45 | 2.071 |
| 07.11.2020 | 13:45 | 14:00 | 2.049 |
| 07.11.2020 | 14:00 | 14:15 | 2.023 |
| 07.11.2020 | 14:15 | 14:30 | 1.971 |
| 07.11.2020 | 14:30 | 14:45 | 1.974 |
| 07.11.2020 | 14:45 | 15:00 | 1.966 |
| 07.11.2020 | 15:00 | 15:15 | 2.005 |
| 07.11.2020 | 15:15 | 15:30 | 2.019 |
| 07.11.2020 | 15:30 | 15:45 | 2.014 |
| 07.11.2020 | 15:45 | 16:00 | 2.004 |
| 07.11.2020 | 16:00 | 16:15 | 1.999 |
| 07.11.2020 | 16:15 | 16:30 | 2.019 |
| 07.11.2020 | 16:30 | 16:45 | 2.040 |
| 07.11.2020 | 16:45 | 17:00 | 2.118 |
| 07.11.2020 | 17:00 | 17:15 | 2.250 |
| 07.11.2020 | 17:15 | 17:30 | 2.440 |
| 07.11.2020 | 17:30 | 17:45 | 2.544 |
| 07.11.2020 | 17:45 | 18:00 | 2.536 |
| 07.11.2020 | 18:00 | 18:15 | 2.537 |
| 07.11.2020 | 18:15 | 18:30 | 2.500 |
| 07.11.2020 | 18:30 | 18:45 | 2.442 |
| 07.11.2020 | 18:45 | 19:00 | 2.363 |
| 07.11.2020 | 19:00 | 19:15 | 2.343 |
| 07.11.2020 | 19:15 | 19:30 | 2.333 |
| 07.11.2020 | 19:30 | 19:45 | 2.251 |
| 07.11.2020 | 19:45 | 20:00 | 2.142 |
| 07.11.2020 | 20:00 | 20:15 | 2.064 |
| 07.11.2020 | 20:15 | 20:30 | 1.982 |
| 07.11.2020 | 20:30 | 20:45 | 1.925 |
| 07.11.2020 | 20:45 | 21:00 | 1.823 |
| 07.11.2020 | 21:00 | 21:15 | 1.761 |
| 07.11.2020 | 21:15 | 21:30 | 1.701 |
| 07.11.2020 | 21:30 | 21:45 | 1.633 |
| 07.11.2020 | 21:45 | 22:00 | 1.593 |
| 07.11.2020 | 22:00 | 22:15 | 1.636 |
| 07.11.2020 | 22:15 | 22:30 | 1.577 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.11.2020 | 22:30 | 22:45 | 1.527 |
| 07.11.2020 | 22:45 | 23:00 | 1.486 |
| 07.11.2020 | 23:00 | 23:15 | 1.427 |
| 07.11.2020 | 23:15 | 23:30 | 1.382 |
| 07.11.2020 | 23:30 | 23:45 | 1.329 |
| 07.11.2020 | 23:45 | 00:00 | 1.237 |
| 08.11.2020 | 00:00 | 00:15 | 1.184 |
| 08.11.2020 | 00:15 | 00:30 | 1.142 |
| 08.11.2020 | 00:30 | 00:45 | 1.109 |
| 08.11.2020 | 00:45 | 01:00 | 1.083 |
| 08.11.2020 | 01:00 | 01:15 | 1.062 |
| 08.11.2020 | 01:15 | 01:30 | 1.033 |
| 08.11.2020 | 01:30 | 01:45 | 1.009 |
| 08.11.2020 | 01:45 | 02:00 | 977 |
| 08.11.2020 | 02:00 | 02:15 | 964 |
| 08.11.2020 | 02:15 | 02:30 | 951 |
| 08.11.2020 | 02:30 | 02:45 | 940 |
| 08.11.2020 | 02:45 | 03:00 | 940 |
| 08.11.2020 | 03:00 | 03:15 | 935 |
| 08.11.2020 | 03:15 | 03:30 | 915 |
| 08.11.2020 | 03:30 | 03:45 | 923 |
| 08.11.2020 | 03:45 | 04:00 | 924 |
| 08.11.2020 | 04:00 | 04:15 | 932 |
| 08.11.2020 | 04:15 | 04:30 | 929 |
| 08.11.2020 | 04:30 | 04:45 | 920 |
| 08.11.2020 | 04:45 | 05:00 | 912 |
| 08.11.2020 | 05:00 | 05:15 | 922 |
| 08.11.2020 | 05:15 | 05:30 | 934 |
| 08.11.2020 | 05:30 | 05:45 | 937 |
| 08.11.2020 | 05:45 | 06:00 | 953 |
| 08.11.2020 | 06:00 | 06:15 | 953 |
| 08.11.2020 | 06:15 | 06:30 | 964 |
| 08.11.2020 | 06:30 | 06:45 | 984 |
| 08.11.2020 | 06:45 | 07:00 | 1.003 |
| 08.11.2020 | 07:00 | 07:15 | 1.038 |
| 08.11.2020 | 07:15 | 07:30 | 1.045 |
| 08.11.2020 | 07:30 | 07:45 | 1.064 |
| 08.11.2020 | 07:45 | 08:00 | 1.114 |
| 08.11.2020 | 08:00 | 08:15 | 1.185 |
| 08.11.2020 | 08:15 | 08:30 | 1.244 |
| 08.11.2020 | 08:30 | 08:45 | 1.313 |
| 08.11.2020 | 08:45 | 09:00 | 1.388 |
| 08.11.2020 | 09:00 | 09:15 | 1.454 |
| 08.11.2020 | 09:15 | 09:30 | 1.542 |
| 08.11.2020 | 09:30 | 09:45 | 1.601 |
| 08.11.2020 | 09:45 | 10:00 | 1.647 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.11.2020 | 10:00 | 10:15 | 1.697 |
| 08.11.2020 | 10:15 | 10:30 | 1.747 |
| 08.11.2020 | 10:30 | 10:45 | 1.785 |
| 08.11.2020 | 10:45 | 11:00 | 1.821 |
| 08.11.2020 | 11:00 | 11:15 | 1.930 |
| 08.11.2020 | 11:15 | 11:30 | 1.989 |
| 08.11.2020 | 11:30 | 11:45 | 2.015 |
| 08.11.2020 | 11:45 | 12:00 | 2.028 |
| 08.11.2020 | 12:00 | 12:15 | 2.022 |
| 08.11.2020 | 12:15 | 12:30 | 2.043 |
| 08.11.2020 | 12:30 | 12:45 | 2.050 |
| 08.11.2020 | 12:45 | 13:00 | 2.034 |
| 08.11.2020 | 13:00 | 13:15 | 1.977 |
| 08.11.2020 | 13:15 | 13:30 | 1.917 |
| 08.11.2020 | 13:30 | 13:45 | 1.895 |
| 08.11.2020 | 13:45 | 14:00 | 1.868 |
| 08.11.2020 | 14:00 | 14:15 | 1.822 |
| 08.11.2020 | 14:15 | 14:30 | 1.805 |
| 08.11.2020 | 14:30 | 14:45 | 1.788 |
| 08.11.2020 | 14:45 | 15:00 | 1.773 |
| 08.11.2020 | 15:00 | 15:15 | 1.745 |
| 08.11.2020 | 15:15 | 15:30 | 1.754 |
| 08.11.2020 | 15:30 | 15:45 | 1.771 |
| 08.11.2020 | 15:45 | 16:00 | 1.793 |
| 08.11.2020 | 16:00 | 16:15 | 1.819 |
| 08.11.2020 | 16:15 | 16:30 | 1.841 |
| 08.11.2020 | 16:30 | 16:45 | 1.905 |
| 08.11.2020 | 16:45 | 17:00 | 1.957 |
| 08.11.2020 | 17:00 | 17:15 | 2.093 |
| 08.11.2020 | 17:15 | 17:30 | 2.269 |
| 08.11.2020 | 17:30 | 17:45 | 2.325 |
| 08.11.2020 | 17:45 | 18:00 | 2.409 |
| 08.11.2020 | 18:00 | 18:15 | 2.428 |
| 08.11.2020 | 18:15 | 18:30 | 2.388 |
| 08.11.2020 | 18:30 | 18:45 | 2.359 |
| 08.11.2020 | 18:45 | 19:00 | 2.355 |
| 08.11.2020 | 19:00 | 19:15 | 2.317 |
| 08.11.2020 | 19:15 | 19:30 | 2.251 |
| 08.11.2020 | 19:30 | 19:45 | 2.216 |
| 08.11.2020 | 19:45 | 20:00 | 2.130 |
| 08.11.2020 | 20:00 | 20:15 | 2.055 |
| 08.11.2020 | 20:15 | 20:30 | 1.946 |
| 08.11.2020 | 20:30 | 20:45 | 1.854 |
| 08.11.2020 | 20:45 | 21:00 | 1.794 |
| 08.11.2020 | 21:00 | 21:15 | 1.737 |
| 08.11.2020 | 21:15 | 21:30 | 1.680 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.11.2020 | 21:30 | 21:45 | 1.616 |
| 08.11.2020 | 21:45 | 22:00 | 1.590 |
| 08.11.2020 | 22:00 | 22:15 | 1.624 |
| 08.11.2020 | 22:15 | 22:30 | 1.580 |
| 08.11.2020 | 22:30 | 22:45 | 1.508 |
| 08.11.2020 | 22:45 | 23:00 | 1.430 |
| 08.11.2020 | 23:00 | 23:15 | 1.340 |
| 08.11.2020 | 23:15 | 23:30 | 1.284 |
| 08.11.2020 | 23:30 | 23:45 | 1.241 |
| 08.11.2020 | 23:45 | 00:00 | 1.193 |
| 09.11.2020 | 00:00 | 00:15 | 1.168 |
| 09.11.2020 | 00:15 | 00:30 | 1.129 |
| 09.11.2020 | 00:30 | 00:45 | 1.094 |
| 09.11.2020 | 00:45 | 01:00 | 1.078 |
| 09.11.2020 | 01:00 | 01:15 | 1.078 |
| 09.11.2020 | 01:15 | 01:30 | 1.059 |
| 09.11.2020 | 01:30 | 01:45 | 1.046 |
| 09.11.2020 | 01:45 | 02:00 | 1.029 |
| 09.11.2020 | 02:00 | 02:15 | 1.022 |
| 09.11.2020 | 02:15 | 02:30 | 1.011 |
| 09.11.2020 | 02:30 | 02:45 | 1.007 |
| 09.11.2020 | 02:45 | 03:00 | 1.003 |
| 09.11.2020 | 03:00 | 03:15 | 1.005 |
| 09.11.2020 | 03:15 | 03:30 | 997 |
| 09.11.2020 | 03:30 | 03:45 | 966 |
| 09.11.2020 | 03:45 | 04:00 | 981 |
| 09.11.2020 | 04:00 | 04:15 | 999 |
| 09.11.2020 | 04:15 | 04:30 | 1.029 |
| 09.11.2020 | 04:30 | 04:45 | 1.054 |
| 09.11.2020 | 04:45 | 05:00 | 1.091 |
| 09.11.2020 | 05:00 | 05:15 | 1.146 |
| 09.11.2020 | 05:15 | 05:30 | 1.193 |
| 09.11.2020 | 05:30 | 05:45 | 1.283 |
| 09.11.2020 | 05:45 | 06:00 | 1.382 |
| 09.11.2020 | 06:00 | 06:15 | 1.535 |
| 09.11.2020 | 06:15 | 06:30 | 1.598 |
| 09.11.2020 | 06:30 | 06:45 | 1.699 |
| 09.11.2020 | 06:45 | 07:00 | 1.801 |
| 09.11.2020 | 07:00 | 07:15 | 1.923 |
| 09.11.2020 | 07:15 | 07:30 | 1.965 |
| 09.11.2020 | 07:30 | 07:45 | 1.999 |
| 09.11.2020 | 07:45 | 08:00 | 2.061 |
| 09.11.2020 | 08:00 | 08:15 | 2.110 |
| 09.11.2020 | 08:15 | 08:30 | 2.173 |
| 09.11.2020 | 08:30 | 08:45 | 2.186 |
| 09.11.2020 | 08:45 | 09:00 | 2.221 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.11.2020 | 09:00 | 09:15 | 2.250 |
| 09.11.2020 | 09:15 | 09:30 | 2.257 |
| 09.11.2020 | 09:30 | 09:45 | 2.306 |
| 09.11.2020 | 09:45 | 10:00 | 2.330 |
| 09.11.2020 | 10:00 | 10:15 | 2.317 |
| 09.11.2020 | 10:15 | 10:30 | 2.324 |
| 09.11.2020 | 10:30 | 10:45 | 2.350 |
| 09.11.2020 | 10:45 | 11:00 | 2.404 |
| 09.11.2020 | 11:00 | 11:15 | 2.414 |
| 09.11.2020 | 11:15 | 11:30 | 2.394 |
| 09.11.2020 | 11:30 | 11:45 | 2.425 |
| 09.11.2020 | 11:45 | 12:00 | 2.455 |
| 09.11.2020 | 12:00 | 12:15 | 2.513 |
| 09.11.2020 | 12:15 | 12:30 | 2.538 |
| 09.11.2020 | 12:30 | 12:45 | 2.564 |
| 09.11.2020 | 12:45 | 13:00 | 2.592 |
| 09.11.2020 | 13:00 | 13:15 | 2.566 |
| 09.11.2020 | 13:15 | 13:30 | 2.548 |
| 09.11.2020 | 13:30 | 13:45 | 2.524 |
| 09.11.2020 | 13:45 | 14:00 | 2.491 |
| 09.11.2020 | 14:00 | 14:15 | 2.456 |
| 09.11.2020 | 14:15 | 14:30 | 2.431 |
| 09.11.2020 | 14:30 | 14:45 | 2.409 |
| 09.11.2020 | 14:45 | 15:00 | 2.390 |
| 09.11.2020 | 15:00 | 15:15 | 2.349 |
| 09.11.2020 | 15:15 | 15:30 | 2.337 |
| 09.11.2020 | 15:30 | 15:45 | 2.311 |
| 09.11.2020 | 15:45 | 16:00 | 2.307 |
| 09.11.2020 | 16:00 | 16:15 | 2.326 |
| 09.11.2020 | 16:15 | 16:30 | 2.368 |
| 09.11.2020 | 16:30 | 16:45 | 2.462 |
| 09.11.2020 | 16:45 | 17:00 | 2.580 |
| 09.11.2020 | 17:00 | 17:15 | 2.712 |
| 09.11.2020 | 17:15 | 17:30 | 2.922 |
| 09.11.2020 | 17:30 | 17:45 | 3.040 |
| 09.11.2020 | 17:45 | 18:00 | 3.091 |
| 09.11.2020 | 18:00 | 18:15 | 3.084 |
| 09.11.2020 | 18:15 | 18:30 | 3.051 |
| 09.11.2020 | 18:30 | 18:45 | 3.043 |
| 09.11.2020 | 18:45 | 19:00 | 2.990 |
| 09.11.2020 | 19:00 | 19:15 | 2.876 |
| 09.11.2020 | 19:15 | 19:30 | 2.815 |
| 09.11.2020 | 19:30 | 19:45 | 2.722 |
| 09.11.2020 | 19:45 | 20:00 | 2.572 |
| 09.11.2020 | 20:00 | 20:15 | 2.423 |
| 09.11.2020 | 20:15 | 20:30 | 2.297 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.11.2020 | 20:30 | 20:45 | 2.198 |
| 09.11.2020 | 20:45 | 21:00 | 2.136 |
| 09.11.2020 | 21:00 | 21:15 | 2.006 |
| 09.11.2020 | 21:15 | 21:30 | 1.923 |
| 09.11.2020 | 21:30 | 21:45 | 1.845 |
| 09.11.2020 | 21:45 | 22:00 | 1.756 |
| 09.11.2020 | 22:00 | 22:15 | 1.758 |
| 09.11.2020 | 22:15 | 22:30 | 1.710 |
| 09.11.2020 | 22:30 | 22:45 | 1.655 |
| 09.11.2020 | 22:45 | 23:00 | 1.590 |
| 09.11.2020 | 23:00 | 23:15 | 1.513 |
| 09.11.2020 | 23:15 | 23:30 | 1.447 |
| 09.11.2020 | 23:30 | 23:45 | 1.391 |
| 09.11.2020 | 23:45 | 00:00 | 1.339 |
| 10.11.2020 | 00:00 | 00:15 | 1.297 |
| 10.11.2020 | 00:15 | 00:30 | 1.254 |
| 10.11.2020 | 00:30 | 00:45 | 1.217 |
| 10.11.2020 | 00:45 | 01:00 | 1.215 |
| 10.11.2020 | 01:00 | 01:15 | 1.195 |
| 10.11.2020 | 01:15 | 01:30 | 1.162 |
| 10.11.2020 | 01:30 | 01:45 | 1.148 |
| 10.11.2020 | 01:45 | 02:00 | 1.139 |
| 10.11.2020 | 02:00 | 02:15 | 1.132 |
| 10.11.2020 | 02:15 | 02:30 | 1.091 |
| 10.11.2020 | 02:30 | 02:45 | 1.088 |
| 10.11.2020 | 02:45 | 03:00 | 1.077 |
| 10.11.2020 | 03:00 | 03:15 | 1.066 |
| 10.11.2020 | 03:15 | 03:30 | 1.045 |
| 10.11.2020 | 03:30 | 03:45 | 1.053 |
| 10.11.2020 | 03:45 | 04:00 | 1.062 |
| 10.11.2020 | 04:00 | 04:15 | 1.079 |
| 10.11.2020 | 04:15 | 04:30 | 1.099 |
| 10.11.2020 | 04:30 | 04:45 | 1.139 |
| 10.11.2020 | 04:45 | 05:00 | 1.165 |
| 10.11.2020 | 05:00 | 05:15 | 1.221 |
| 10.11.2020 | 05:15 | 05:30 | 1.309 |
| 10.11.2020 | 05:30 | 05:45 | 1.401 |
| 10.11.2020 | 05:45 | 06:00 | 1.502 |
| 10.11.2020 | 06:00 | 06:15 | 1.630 |
| 10.11.2020 | 06:15 | 06:30 | 1.776 |
| 10.11.2020 | 06:30 | 06:45 | 1.893 |
| 10.11.2020 | 06:45 | 07:00 | 2.010 |
| 10.11.2020 | 07:00 | 07:15 | 2.165 |
| 10.11.2020 | 07:15 | 07:30 | 2.149 |
| 10.11.2020 | 07:30 | 07:45 | 2.135 |
| 10.11.2020 | 07:45 | 08:00 | 2.138 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.11.2020 | 08:00 | 08:15 | 2.194 |
| 10.11.2020 | 08:15 | 08:30 | 2.231 |
| 10.11.2020 | 08:30 | 08:45 | 2.302 |
| 10.11.2020 | 08:45 | 09:00 | 2.362 |
| 10.11.2020 | 09:00 | 09:15 | 2.413 |
| 10.11.2020 | 09:15 | 09:30 | 2.419 |
| 10.11.2020 | 09:30 | 09:45 | 2.443 |
| 10.11.2020 | 09:45 | 10:00 | 2.477 |
| 10.11.2020 | 10:00 | 10:15 | 2.515 |
| 10.11.2020 | 10:15 | 10:30 | 2.524 |
| 10.11.2020 | 10:30 | 10:45 | 2.528 |
| 10.11.2020 | 10:45 | 11:00 | 2.498 |
| 10.11.2020 | 11:00 | 11:15 | 2.433 |
| 10.11.2020 | 11:15 | 11:30 | 2.408 |
| 10.11.2020 | 11:30 | 11:45 | 2.409 |
| 10.11.2020 | 11:45 | 12:00 | 2.476 |
| 10.11.2020 | 12:00 | 12:15 | 2.532 |
| 10.11.2020 | 12:15 | 12:30 | 2.548 |
| 10.11.2020 | 12:30 | 12:45 | 2.549 |
| 10.11.2020 | 12:45 | 13:00 | 2.536 |
| 10.11.2020 | 13:00 | 13:15 | 2.497 |
| 10.11.2020 | 13:15 | 13:30 | 2.489 |
| 10.11.2020 | 13:30 | 13:45 | 2.442 |
| 10.11.2020 | 13:45 | 14:00 | 2.448 |
| 10.11.2020 | 14:00 | 14:15 | 2.500 |
| 10.11.2020 | 14:15 | 14:30 | 2.481 |
| 10.11.2020 | 14:30 | 14:45 | 2.489 |
| 10.11.2020 | 14:45 | 15:00 | 2.454 |
| 10.11.2020 | 15:00 | 15:15 | 2.418 |
| 10.11.2020 | 15:15 | 15:30 | 2.392 |
| 10.11.2020 | 15:30 | 15:45 | 2.387 |
| 10.11.2020 | 15:45 | 16:00 | 2.395 |
| 10.11.2020 | 16:00 | 16:15 | 2.430 |
| 10.11.2020 | 16:15 | 16:30 | 2.424 |
| 10.11.2020 | 16:30 | 16:45 | 2.480 |
| 10.11.2020 | 16:45 | 17:00 | 2.602 |
| 10.11.2020 | 17:00 | 17:15 | 2.782 |
| 10.11.2020 | 17:15 | 17:30 | 2.929 |
| 10.11.2020 | 17:30 | 17:45 | 3.005 |
| 10.11.2020 | 17:45 | 18:00 | 3.057 |
| 10.11.2020 | 18:00 | 18:15 | 3.039 |
| 10.11.2020 | 18:15 | 18:30 | 3.021 |
| 10.11.2020 | 18:30 | 18:45 | 2.977 |
| 10.11.2020 | 18:45 | 19:00 | 2.921 |
| 10.11.2020 | 19:00 | 19:15 | 2.842 |
| 10.11.2020 | 19:15 | 19:30 | 2.785 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.11.2020 | 19:30 | 19:45 | 2.648 |
| 10.11.2020 | 19:45 | 20:00 | 2.603 |
| 10.11.2020 | 20:00 | 20:15 | 2.447 |
| 10.11.2020 | 20:15 | 20:30 | 2.358 |
| 10.11.2020 | 20:30 | 20:45 | 2.243 |
| 10.11.2020 | 20:45 | 21:00 | 2.157 |
| 10.11.2020 | 21:00 | 21:15 | 2.072 |
| 10.11.2020 | 21:15 | 21:30 | 1.984 |
| 10.11.2020 | 21:30 | 21:45 | 1.872 |
| 10.11.2020 | 21:45 | 22:00 | 1.794 |
| 10.11.2020 | 22:00 | 22:15 | 1.769 |
| 10.11.2020 | 22:15 | 22:30 | 1.725 |
| 10.11.2020 | 22:30 | 22:45 | 1.680 |
| 10.11.2020 | 22:45 | 23:00 | 1.610 |
| 10.11.2020 | 23:00 | 23:15 | 1.521 |
| 10.11.2020 | 23:15 | 23:30 | 1.484 |
| 10.11.2020 | 23:30 | 23:45 | 1.425 |
| 10.11.2020 | 23:45 | 00:00 | 1.381 |
| 11.11.2020 | 00:00 | 00:15 | 1.318 |
| 11.11.2020 | 00:15 | 00:30 | 1.266 |
| 11.11.2020 | 00:30 | 00:45 | 1.226 |
| 11.11.2020 | 00:45 | 01:00 | 1.187 |
| 11.11.2020 | 01:00 | 01:15 | 1.159 |
| 11.11.2020 | 01:15 | 01:30 | 1.134 |
| 11.11.2020 | 01:30 | 01:45 | 1.104 |
| 11.11.2020 | 01:45 | 02:00 | 1.084 |
| 11.11.2020 | 02:00 | 02:15 | 1.060 |
| 11.11.2020 | 02:15 | 02:30 | 1.043 |
| 11.11.2020 | 02:30 | 02:45 | 1.038 |
| 11.11.2020 | 02:45 | 03:00 | 1.026 |
| 11.11.2020 | 03:00 | 03:15 | 1.023 |
| 11.11.2020 | 03:15 | 03:30 | 1.030 |
| 11.11.2020 | 03:30 | 03:45 | 1.041 |
| 11.11.2020 | 03:45 | 04:00 | 1.043 |
| 11.11.2020 | 04:00 | 04:15 | 1.058 |
| 11.11.2020 | 04:15 | 04:30 | 1.089 |
| 11.11.2020 | 04:30 | 04:45 | 1.118 |
| 11.11.2020 | 04:45 | 05:00 | 1.160 |
| 11.11.2020 | 05:00 | 05:15 | 1.222 |
| 11.11.2020 | 05:15 | 05:30 | 1.269 |
| 11.11.2020 | 05:30 | 05:45 | 1.376 |
| 11.11.2020 | 05:45 | 06:00 | 1.474 |
| 11.11.2020 | 06:00 | 06:15 | 1.592 |
| 11.11.2020 | 06:15 | 06:30 | 1.742 |
| 11.11.2020 | 06:30 | 06:45 | 1.835 |
| 11.11.2020 | 06:45 | 07:00 | 1.949 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.11.2020 | 07:00 | 07:15 | 2.088 |
| 11.11.2020 | 07:15 | 07:30 | 2.162 |
| 11.11.2020 | 07:30 | 07:45 | 2.193 |
| 11.11.2020 | 07:45 | 08:00 | 2.258 |
| 11.11.2020 | 08:00 | 08:15 | 2.342 |
| 11.11.2020 | 08:15 | 08:30 | 2.403 |
| 11.11.2020 | 08:30 | 08:45 | 2.448 |
| 11.11.2020 | 08:45 | 09:00 | 2.499 |
| 11.11.2020 | 09:00 | 09:15 | 2.504 |
| 11.11.2020 | 09:15 | 09:30 | 2.510 |
| 11.11.2020 | 09:30 | 09:45 | 2.490 |
| 11.11.2020 | 09:45 | 10:00 | 2.485 |
| 11.11.2020 | 10:00 | 10:15 | 2.445 |
| 11.11.2020 | 10:15 | 10:30 | 2.448 |
| 11.11.2020 | 10:30 | 10:45 | 2.452 |
| 11.11.2020 | 10:45 | 11:00 | 2.484 |
| 11.11.2020 | 11:00 | 11:15 | 2.507 |
| 11.11.2020 | 11:15 | 11:30 | 2.591 |
| 11.11.2020 | 11:30 | 11:45 | 2.607 |
| 11.11.2020 | 11:45 | 12:00 | 2.616 |
| 11.11.2020 | 12:00 | 12:15 | 2.702 |
| 11.11.2020 | 12:15 | 12:30 | 2.741 |
| 11.11.2020 | 12:30 | 12:45 | 2.768 |
| 11.11.2020 | 12:45 | 13:00 | 2.757 |
| 11.11.2020 | 13:00 | 13:15 | 2.737 |
| 11.11.2020 | 13:15 | 13:30 | 2.713 |
| 11.11.2020 | 13:30 | 13:45 | 2.619 |
| 11.11.2020 | 13:45 | 14:00 | 2.578 |
| 11.11.2020 | 14:00 | 14:15 | 2.511 |
| 11.11.2020 | 14:15 | 14:30 | 2.526 |
| 11.11.2020 | 14:30 | 14:45 | 2.503 |
| 11.11.2020 | 14:45 | 15:00 | 2.486 |
| 11.11.2020 | 15:00 | 15:15 | 2.477 |
| 11.11.2020 | 15:15 | 15:30 | 2.464 |
| 11.11.2020 | 15:30 | 15:45 | 2.476 |
| 11.11.2020 | 15:45 | 16:00 | 2.495 |
| 11.11.2020 | 16:00 | 16:15 | 2.493 |
| 11.11.2020 | 16:15 | 16:30 | 2.511 |
| 11.11.2020 | 16:30 | 16:45 | 2.559 |
| 11.11.2020 | 16:45 | 17:00 | 2.686 |
| 11.11.2020 | 17:00 | 17:15 | 2.859 |
| 11.11.2020 | 17:15 | 17:30 | 2.943 |
| 11.11.2020 | 17:30 | 17:45 | 2.959 |
| 11.11.2020 | 17:45 | 18:00 | 3.020 |
| 11.11.2020 | 18:00 | 18:15 | 2.986 |
| 11.11.2020 | 18:15 | 18:30 | 3.008 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.11.2020 | 18:30 | 18:45 | 2.979 |
| 11.11.2020 | 18:45 | 19:00 | 2.911 |
| 11.11.2020 | 19:00 | 19:15 | 2.844 |
| 11.11.2020 | 19:15 | 19:30 | 2.745 |
| 11.11.2020 | 19:30 | 19:45 | 2.633 |
| 11.11.2020 | 19:45 | 20:00 | 2.570 |
| 11.11.2020 | 20:00 | 20:15 | 2.432 |
| 11.11.2020 | 20:15 | 20:30 | 2.348 |
| 11.11.2020 | 20:30 | 20:45 | 2.264 |
| 11.11.2020 | 20:45 | 21:00 | 2.166 |
| 11.11.2020 | 21:00 | 21:15 | 2.064 |
| 11.11.2020 | 21:15 | 21:30 | 1.971 |
| 11.11.2020 | 21:30 | 21:45 | 1.866 |
| 11.11.2020 | 21:45 | 22:00 | 1.782 |
| 11.11.2020 | 22:00 | 22:15 | 1.783 |
| 11.11.2020 | 22:15 | 22:30 | 1.723 |
| 11.11.2020 | 22:30 | 22:45 | 1.670 |
| 11.11.2020 | 22:45 | 23:00 | 1.628 |
| 11.11.2020 | 23:00 | 23:15 | 1.549 |
| 11.11.2020 | 23:15 | 23:30 | 1.480 |
| 11.11.2020 | 23:30 | 23:45 | 1.422 |
| 11.11.2020 | 23:45 | 00:00 | 1.366 |
| 12.11.2020 | 00:00 | 00:15 | 1.282 |
| 12.11.2020 | 00:15 | 00:30 | 1.219 |
| 12.11.2020 | 00:30 | 00:45 | 1.182 |
| 12.11.2020 | 00:45 | 01:00 | 1.169 |
| 12.11.2020 | 01:00 | 01:15 | 1.152 |
| 12.11.2020 | 01:15 | 01:30 | 1.125 |
| 12.11.2020 | 01:30 | 01:45 | 1.101 |
| 12.11.2020 | 01:45 | 02:00 | 1.088 |
| 12.11.2020 | 02:00 | 02:15 | 1.073 |
| 12.11.2020 | 02:15 | 02:30 | 1.057 |
| 12.11.2020 | 02:30 | 02:45 | 1.043 |
| 12.11.2020 | 02:45 | 03:00 | 1.049 |
| 12.11.2020 | 03:00 | 03:15 | 1.066 |
| 12.11.2020 | 03:15 | 03:30 | 1.061 |
| 12.11.2020 | 03:30 | 03:45 | 1.061 |
| 12.11.2020 | 03:45 | 04:00 | 1.075 |
| 12.11.2020 | 04:00 | 04:15 | 1.111 |
| 12.11.2020 | 04:15 | 04:30 | 1.130 |
| 12.11.2020 | 04:30 | 04:45 | 1.159 |
| 12.11.2020 | 04:45 | 05:00 | 1.190 |
| 12.11.2020 | 05:00 | 05:15 | 1.247 |
| 12.11.2020 | 05:15 | 05:30 | 1.293 |
| 12.11.2020 | 05:30 | 05:45 | 1.372 |
| 12.11.2020 | 05:45 | 06:00 | 1.450 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.11.2020 | 06:00 | 06:15 | 1.572 |
| 12.11.2020 | 06:15 | 06:30 | 1.732 |
| 12.11.2020 | 06:30 | 06:45 | 1.851 |
| 12.11.2020 | 06:45 | 07:00 | 1.944 |
| 12.11.2020 | 07:00 | 07:15 | 2.077 |
| 12.11.2020 | 07:15 | 07:30 | 2.157 |
| 12.11.2020 | 07:30 | 07:45 | 2.148 |
| 12.11.2020 | 07:45 | 08:00 | 2.184 |
| 12.11.2020 | 08:00 | 08:15 | 2.246 |
| 12.11.2020 | 08:15 | 08:30 | 2.310 |
| 12.11.2020 | 08:30 | 08:45 | 2.388 |
| 12.11.2020 | 08:45 | 09:00 | 2.431 |
| 12.11.2020 | 09:00 | 09:15 | 2.467 |
| 12.11.2020 | 09:15 | 09:30 | 2.493 |
| 12.11.2020 | 09:30 | 09:45 | 2.488 |
| 12.11.2020 | 09:45 | 10:00 | 2.429 |
| 12.11.2020 | 10:00 | 10:15 | 2.480 |
| 12.11.2020 | 10:15 | 10:30 | 2.544 |
| 12.11.2020 | 10:30 | 10:45 | 2.518 |
| 12.11.2020 | 10:45 | 11:00 | 2.550 |
| 12.11.2020 | 11:00 | 11:15 | 2.539 |
| 12.11.2020 | 11:15 | 11:30 | 2.511 |
| 12.11.2020 | 11:30 | 11:45 | 2.529 |
| 12.11.2020 | 11:45 | 12:00 | 2.555 |
| 12.11.2020 | 12:00 | 12:15 | 2.571 |
| 12.11.2020 | 12:15 | 12:30 | 2.578 |
| 12.11.2020 | 12:30 | 12:45 | 2.642 |
| 12.11.2020 | 12:45 | 13:00 | 2.634 |
| 12.11.2020 | 13:00 | 13:15 | 2.609 |
| 12.11.2020 | 13:15 | 13:30 | 2.625 |
| 12.11.2020 | 13:30 | 13:45 | 2.582 |
| 12.11.2020 | 13:45 | 14:00 | 2.597 |
| 12.11.2020 | 14:00 | 14:15 | 2.590 |
| 12.11.2020 | 14:15 | 14:30 | 2.526 |
| 12.11.2020 | 14:30 | 14:45 | 2.480 |
| 12.11.2020 | 14:45 | 15:00 | 2.432 |
| 12.11.2020 | 15:00 | 15:15 | 2.463 |
| 12.11.2020 | 15:15 | 15:30 | 2.503 |
| 12.11.2020 | 15:30 | 15:45 | 2.527 |
| 12.11.2020 | 15:45 | 16:00 | 2.523 |
| 12.11.2020 | 16:00 | 16:15 | 2.581 |
| 12.11.2020 | 16:15 | 16:30 | 2.625 |
| 12.11.2020 | 16:30 | 16:45 | 2.680 |
| 12.11.2020 | 16:45 | 17:00 | 2.770 |
| 12.11.2020 | 17:00 | 17:15 | 2.910 |
| 12.11.2020 | 17:15 | 17:30 | 2.986 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.11.2020 | 17:30 | 17:45 | 3.038 |
| 12.11.2020 | 17:45 | 18:00 | 3.087 |
| 12.11.2020 | 18:00 | 18:15 | 3.053 |
| 12.11.2020 | 18:15 | 18:30 | 3.023 |
| 12.11.2020 | 18:30 | 18:45 | 2.954 |
| 12.11.2020 | 18:45 | 19:00 | 2.932 |
| 12.11.2020 | 19:00 | 19:15 | 2.823 |
| 12.11.2020 | 19:15 | 19:30 | 2.775 |
| 12.11.2020 | 19:30 | 19:45 | 2.680 |
| 12.11.2020 | 19:45 | 20:00 | 2.586 |
| 12.11.2020 | 20:00 | 20:15 | 2.437 |
| 12.11.2020 | 20:15 | 20:30 | 2.329 |
| 12.11.2020 | 20:30 | 20:45 | 2.242 |
| 12.11.2020 | 20:45 | 21:00 | 2.168 |
| 12.11.2020 | 21:00 | 21:15 | 2.046 |
| 12.11.2020 | 21:15 | 21:30 | 1.973 |
| 12.11.2020 | 21:30 | 21:45 | 1.862 |
| 12.11.2020 | 21:45 | 22:00 | 1.770 |
| 12.11.2020 | 22:00 | 22:15 | 1.777 |
| 12.11.2020 | 22:15 | 22:30 | 1.731 |
| 12.11.2020 | 22:30 | 22:45 | 1.662 |
| 12.11.2020 | 22:45 | 23:00 | 1.587 |
| 12.11.2020 | 23:00 | 23:15 | 1.516 |
| 12.11.2020 | 23:15 | 23:30 | 1.471 |
| 12.11.2020 | 23:30 | 23:45 | 1.423 |
| 12.11.2020 | 23:45 | 00:00 | 1.359 |
| 13.11.2020 | 00:00 | 00:15 | 1.310 |
| 13.11.2020 | 00:15 | 00:30 | 1.263 |
| 13.11.2020 | 00:30 | 00:45 | 1.233 |
| 13.11.2020 | 00:45 | 01:00 | 1.215 |
| 13.11.2020 | 01:00 | 01:15 | 1.188 |
| 13.11.2020 | 01:15 | 01:30 | 1.168 |
| 13.11.2020 | 01:30 | 01:45 | 1.140 |
| 13.11.2020 | 01:45 | 02:00 | 1.145 |
| 13.11.2020 | 02:00 | 02:15 | 1.132 |
| 13.11.2020 | 02:15 | 02:30 | 1.118 |
| 13.11.2020 | 02:30 | 02:45 | 1.105 |
| 13.11.2020 | 02:45 | 03:00 | 1.086 |
| 13.11.2020 | 03:00 | 03:15 | 1.077 |
| 13.11.2020 | 03:15 | 03:30 | 1.064 |
| 13.11.2020 | 03:30 | 03:45 | 1.065 |
| 13.11.2020 | 03:45 | 04:00 | 1.071 |
| 13.11.2020 | 04:00 | 04:15 | 1.111 |
| 13.11.2020 | 04:15 | 04:30 | 1.140 |
| 13.11.2020 | 04:30 | 04:45 | 1.173 |
| 13.11.2020 | 04:45 | 05:00 | 1.195 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.11.2020 | 05:00 | 05:15 | 1.247 |
| 13.11.2020 | 05:15 | 05:30 | 1.303 |
| 13.11.2020 | 05:30 | 05:45 | 1.393 |
| 13.11.2020 | 05:45 | 06:00 | 1.484 |
| 13.11.2020 | 06:00 | 06:15 | 1.608 |
| 13.11.2020 | 06:15 | 06:30 | 1.719 |
| 13.11.2020 | 06:30 | 06:45 | 1.849 |
| 13.11.2020 | 06:45 | 07:00 | 1.972 |
| 13.11.2020 | 07:00 | 07:15 | 2.097 |
| 13.11.2020 | 07:15 | 07:30 | 2.154 |
| 13.11.2020 | 07:30 | 07:45 | 2.153 |
| 13.11.2020 | 07:45 | 08:00 | 2.167 |
| 13.11.2020 | 08:00 | 08:15 | 2.148 |
| 13.11.2020 | 08:15 | 08:30 | 2.169 |
| 13.11.2020 | 08:30 | 08:45 | 2.243 |
| 13.11.2020 | 08:45 | 09:00 | 2.284 |
| 13.11.2020 | 09:00 | 09:15 | 2.328 |
| 13.11.2020 | 09:15 | 09:30 | 2.324 |
| 13.11.2020 | 09:30 | 09:45 | 2.349 |
| 13.11.2020 | 09:45 | 10:00 | 2.358 |
| 13.11.2020 | 10:00 | 10:15 | 2.339 |
| 13.11.2020 | 10:15 | 10:30 | 2.350 |
| 13.11.2020 | 10:30 | 10:45 | 2.418 |
| 13.11.2020 | 10:45 | 11:00 | 2.442 |
| 13.11.2020 | 11:00 | 11:15 | 2.527 |
| 13.11.2020 | 11:15 | 11:30 | 2.614 |
| 13.11.2020 | 11:30 | 11:45 | 2.576 |
| 13.11.2020 | 11:45 | 12:00 | 2.543 |
| 13.11.2020 | 12:00 | 12:15 | 2.544 |
| 13.11.2020 | 12:15 | 12:30 | 2.532 |
| 13.11.2020 | 12:30 | 12:45 | 2.560 |
| 13.11.2020 | 12:45 | 13:00 | 2.565 |
| 13.11.2020 | 13:00 | 13:15 | 2.559 |
| 13.11.2020 | 13:15 | 13:30 | 2.593 |
| 13.11.2020 | 13:30 | 13:45 | 2.561 |
| 13.11.2020 | 13:45 | 14:00 | 2.551 |
| 13.11.2020 | 14:00 | 14:15 | 2.540 |
| 13.11.2020 | 14:15 | 14:30 | 2.513 |
| 13.11.2020 | 14:30 | 14:45 | 2.484 |
| 13.11.2020 | 14:45 | 15:00 | 2.456 |
| 13.11.2020 | 15:00 | 15:15 | 2.456 |
| 13.11.2020 | 15:15 | 15:30 | 2.447 |
| 13.11.2020 | 15:30 | 15:45 | 2.426 |
| 13.11.2020 | 15:45 | 16:00 | 2.467 |
| 13.11.2020 | 16:00 | 16:15 | 2.552 |
| 13.11.2020 | 16:15 | 16:30 | 2.572 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.11.2020 | 16:30 | 16:45 | 2.594 |
| 13.11.2020 | 16:45 | 17:00 | 2.663 |
| 13.11.2020 | 17:00 | 17:15 | 2.825 |
| 13.11.2020 | 17:15 | 17:30 | 2.898 |
| 13.11.2020 | 17:30 | 17:45 | 2.877 |
| 13.11.2020 | 17:45 | 18:00 | 2.866 |
| 13.11.2020 | 18:00 | 18:15 | 2.887 |
| 13.11.2020 | 18:15 | 18:30 | 2.835 |
| 13.11.2020 | 18:30 | 18:45 | 2.801 |
| 13.11.2020 | 18:45 | 19:00 | 2.737 |
| 13.11.2020 | 19:00 | 19:15 | 2.648 |
| 13.11.2020 | 19:15 | 19:30 | 2.590 |
| 13.11.2020 | 19:30 | 19:45 | 2.505 |
| 13.11.2020 | 19:45 | 20:00 | 2.438 |
| 13.11.2020 | 20:00 | 20:15 | 2.305 |
| 13.11.2020 | 20:15 | 20:30 | 2.173 |
| 13.11.2020 | 20:30 | 20:45 | 2.095 |
| 13.11.2020 | 20:45 | 21:00 | 1.998 |
| 13.11.2020 | 21:00 | 21:15 | 1.907 |
| 13.11.2020 | 21:15 | 21:30 | 1.839 |
| 13.11.2020 | 21:30 | 21:45 | 1.766 |
| 13.11.2020 | 21:45 | 22:00 | 1.758 |
| 13.11.2020 | 22:00 | 22:15 | 1.754 |
| 13.11.2020 | 22:15 | 22:30 | 1.681 |
| 13.11.2020 | 22:30 | 22:45 | 1.673 |
| 13.11.2020 | 22:45 | 23:00 | 1.624 |
| 13.11.2020 | 23:00 | 23:15 | 1.543 |
| 13.11.2020 | 23:15 | 23:30 | 1.500 |
| 13.11.2020 | 23:30 | 23:45 | 1.448 |
| 13.11.2020 | 23:45 | 00:00 | 1.388 |
| 14.11.2020 | 00:00 | 00:15 | 1.334 |
| 14.11.2020 | 00:15 | 00:30 | 1.291 |
| 14.11.2020 | 00:30 | 00:45 | 1.248 |
| 14.11.2020 | 00:45 | 01:00 | 1.211 |
| 14.11.2020 | 01:00 | 01:15 | 1.174 |
| 14.11.2020 | 01:15 | 01:30 | 1.149 |
| 14.11.2020 | 01:30 | 01:45 | 1.120 |
| 14.11.2020 | 01:45 | 02:00 | 1.095 |
| 14.11.2020 | 02:00 | 02:15 | 1.080 |
| 14.11.2020 | 02:15 | 02:30 | 1.075 |
| 14.11.2020 | 02:30 | 02:45 | 1.065 |
| 14.11.2020 | 02:45 | 03:00 | 1.057 |
| 14.11.2020 | 03:00 | 03:15 | 1.047 |
| 14.11.2020 | 03:15 | 03:30 | 1.035 |
| 14.11.2020 | 03:30 | 03:45 | 1.036 |
| 14.11.2020 | 03:45 | 04:00 | 1.051 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.11.2020 | 04:00 | 04:15 | 1.087 |
| 14.11.2020 | 04:15 | 04:30 | 1.082 |
| 14.11.2020 | 04:30 | 04:45 | 1.099 |
| 14.11.2020 | 04:45 | 05:00 | 1.111 |
| 14.11.2020 | 05:00 | 05:15 | 1.135 |
| 14.11.2020 | 05:15 | 05:30 | 1.120 |
| 14.11.2020 | 05:30 | 05:45 | 1.140 |
| 14.11.2020 | 05:45 | 06:00 | 1.169 |
| 14.11.2020 | 06:00 | 06:15 | 1.188 |
| 14.11.2020 | 06:15 | 06:30 | 1.218 |
| 14.11.2020 | 06:30 | 06:45 | 1.254 |
| 14.11.2020 | 06:45 | 07:00 | 1.277 |
| 14.11.2020 | 07:00 | 07:15 | 1.324 |
| 14.11.2020 | 07:15 | 07:30 | 1.362 |
| 14.11.2020 | 07:30 | 07:45 | 1.387 |
| 14.11.2020 | 07:45 | 08:00 | 1.441 |
| 14.11.2020 | 08:00 | 08:15 | 1.525 |
| 14.11.2020 | 08:15 | 08:30 | 1.580 |
| 14.11.2020 | 08:30 | 08:45 | 1.630 |
| 14.11.2020 | 08:45 | 09:00 | 1.718 |
| 14.11.2020 | 09:00 | 09:15 | 1.786 |
| 14.11.2020 | 09:15 | 09:30 | 1.797 |
| 14.11.2020 | 09:30 | 09:45 | 1.882 |
| 14.11.2020 | 09:45 | 10:00 | 1.909 |
| 14.11.2020 | 10:00 | 10:15 | 1.947 |
| 14.11.2020 | 10:15 | 10:30 | 1.951 |
| 14.11.2020 | 10:30 | 10:45 | 1.970 |
| 14.11.2020 | 10:45 | 11:00 | 1.991 |
| 14.11.2020 | 11:00 | 11:15 | 2.029 |
| 14.11.2020 | 11:15 | 11:30 | 2.034 |
| 14.11.2020 | 11:30 | 11:45 | 2.051 |
| 14.11.2020 | 11:45 | 12:00 | 2.055 |
| 14.11.2020 | 12:00 | 12:15 | 2.063 |
| 14.11.2020 | 12:15 | 12:30 | 2.069 |
| 14.11.2020 | 12:30 | 12:45 | 2.082 |
| 14.11.2020 | 12:45 | 13:00 | 2.059 |
| 14.11.2020 | 13:00 | 13:15 | 2.031 |
| 14.11.2020 | 13:15 | 13:30 | 1.999 |
| 14.11.2020 | 13:30 | 13:45 | 1.967 |
| 14.11.2020 | 13:45 | 14:00 | 1.948 |
| 14.11.2020 | 14:00 | 14:15 | 1.924 |
| 14.11.2020 | 14:15 | 14:30 | 1.936 |
| 14.11.2020 | 14:30 | 14:45 | 1.948 |
| 14.11.2020 | 14:45 | 15:00 | 1.972 |
| 14.11.2020 | 15:00 | 15:15 | 1.949 |
| 14.11.2020 | 15:15 | 15:30 | 1.923 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 14.11.2020 | 15:30 | 15:45 | 1.918 |
| 14.11.2020 | 15:45 | 16:00 | 1.902 |
| 14.11.2020 | 16:00 | 16:15 | 1.932 |
| 14.11.2020 | 16:15 | 16:30 | 1.968 |
| 14.11.2020 | 16:30 | 16:45 | 2.031 |
| 14.11.2020 | 16:45 | 17:00 | 2.149 |
| 14.11.2020 | 17:00 | 17:15 | 2.337 |
| 14.11.2020 | 17:15 | 17:30 | 2.443 |
| 14.11.2020 | 17:30 | 17:45 | 2.506 |
| 14.11.2020 | 17:45 | 18:00 | 2.506 |
| 14.11.2020 | 18:00 | 18:15 | 2.503 |
| 14.11.2020 | 18:15 | 18:30 | 2.466 |
| 14.11.2020 | 18:30 | 18:45 | 2.405 |
| 14.11.2020 | 18:45 | 19:00 | 2.392 |
| 14.11.2020 | 19:00 | 19:15 | 2.325 |
| 14.11.2020 | 19:15 | 19:30 | 2.256 |
| 14.11.2020 | 19:30 | 19:45 | 2.165 |
| 14.11.2020 | 19:45 | 20:00 | 2.102 |
| 14.11.2020 | 20:00 | 20:15 | 2.040 |
| 14.11.2020 | 20:15 | 20:30 | 1.957 |
| 14.11.2020 | 20:30 | 20:45 | 1.881 |
| 14.11.2020 | 20:45 | 21:00 | 1.822 |
| 14.11.2020 | 21:00 | 21:15 | 1.722 |
| 14.11.2020 | 21:15 | 21:30 | 1.646 |
| 14.11.2020 | 21:30 | 21:45 | 1.604 |
| 14.11.2020 | 21:45 | 22:00 | 1.559 |
| 14.11.2020 | 22:00 | 22:15 | 1.595 |
| 14.11.2020 | 22:15 | 22:30 | 1.537 |
| 14.11.2020 | 22:30 | 22:45 | 1.471 |
| 14.11.2020 | 22:45 | 23:00 | 1.421 |
| 14.11.2020 | 23:00 | 23:15 | 1.354 |
| 14.11.2020 | 23:15 | 23:30 | 1.306 |
| 14.11.2020 | 23:30 | 23:45 | 1.257 |
| 14.11.2020 | 23:45 | 00:00 | 1.197 |
| 15.11.2020 | 00:00 | 00:15 | 1.165 |
| 15.11.2020 | 00:15 | 00:30 | 1.119 |
| 15.11.2020 | 00:30 | 00:45 | 1.080 |
| 15.11.2020 | 00:45 | 01:00 | 1.042 |
| 15.11.2020 | 01:00 | 01:15 | 983 |
| 15.11.2020 | 01:15 | 01:30 | 953 |
| 15.11.2020 | 01:30 | 01:45 | 932 |
| 15.11.2020 | 01:45 | 02:00 | 919 |
| 15.11.2020 | 02:00 | 02:15 | 916 |
| 15.11.2020 | 02:15 | 02:30 | 910 |
| 15.11.2020 | 02:30 | 02:45 | 901 |
| 15.11.2020 | 02:45 | 03:00 | 896 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.11.2020 | 03:00 | 03:15 | 889 |
| 15.11.2020 | 03:15 | 03:30 | 880 |
| 15.11.2020 | 03:30 | 03:45 | 890 |
| 15.11.2020 | 03:45 | 04:00 | 915 |
| 15.11.2020 | 04:00 | 04:15 | 918 |
| 15.11.2020 | 04:15 | 04:30 | 932 |
| 15.11.2020 | 04:30 | 04:45 | 947 |
| 15.11.2020 | 04:45 | 05:00 | 951 |
| 15.11.2020 | 05:00 | 05:15 | 960 |
| 15.11.2020 | 05:15 | 05:30 | 973 |
| 15.11.2020 | 05:30 | 05:45 | 983 |
| 15.11.2020 | 05:45 | 06:00 | 996 |
| 15.11.2020 | 06:00 | 06:15 | 1.001 |
| 15.11.2020 | 06:15 | 06:30 | 1.014 |
| 15.11.2020 | 06:30 | 06:45 | 1.034 |
| 15.11.2020 | 06:45 | 07:00 | 1.054 |
| 15.11.2020 | 07:00 | 07:15 | 1.080 |
| 15.11.2020 | 07:15 | 07:30 | 1.105 |
| 15.11.2020 | 07:30 | 07:45 | 1.111 |
| 15.11.2020 | 07:45 | 08:00 | 1.152 |
| 15.11.2020 | 08:00 | 08:15 | 1.202 |
| 15.11.2020 | 08:15 | 08:30 | 1.261 |
| 15.11.2020 | 08:30 | 08:45 | 1.322 |
| 15.11.2020 | 08:45 | 09:00 | 1.392 |
| 15.11.2020 | 09:00 | 09:15 | 1.468 |
| 15.11.2020 | 09:15 | 09:30 | 1.543 |
| 15.11.2020 | 09:30 | 09:45 | 1.571 |
| 15.11.2020 | 09:45 | 10:00 | 1.633 |
| 15.11.2020 | 10:00 | 10:15 | 1.663 |
| 15.11.2020 | 10:15 | 10:30 | 1.724 |
| 15.11.2020 | 10:30 | 10:45 | 1.765 |
| 15.11.2020 | 10:45 | 11:00 | 1.814 |
| 15.11.2020 | 11:00 | 11:15 | 1.860 |
| 15.11.2020 | 11:15 | 11:30 | 1.919 |
| 15.11.2020 | 11:30 | 11:45 | 1.985 |
| 15.11.2020 | 11:45 | 12:00 | 1.987 |
| 15.11.2020 | 12:00 | 12:15 | 2.000 |
| 15.11.2020 | 12:15 | 12:30 | 2.053 |
| 15.11.2020 | 12:30 | 12:45 | 2.069 |
| 15.11.2020 | 12:45 | 13:00 | 2.054 |
| 15.11.2020 | 13:00 | 13:15 | 2.021 |
| 15.11.2020 | 13:15 | 13:30 | 2.016 |
| 15.11.2020 | 13:30 | 13:45 | 1.938 |
| 15.11.2020 | 13:45 | 14:00 | 1.919 |
| 15.11.2020 | 14:00 | 14:15 | 1.903 |
| 15.11.2020 | 14:15 | 14:30 | 1.898 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.11.2020 | 14:30 | 14:45 | 1.885 |
| 15.11.2020 | 14:45 | 15:00 | 1.865 |
| 15.11.2020 | 15:00 | 15:15 | 1.879 |
| 15.11.2020 | 15:15 | 15:30 | 1.894 |
| 15.11.2020 | 15:30 | 15:45 | 1.896 |
| 15.11.2020 | 15:45 | 16:00 | 1.897 |
| 15.11.2020 | 16:00 | 16:15 | 1.942 |
| 15.11.2020 | 16:15 | 16:30 | 2.011 |
| 15.11.2020 | 16:30 | 16:45 | 2.133 |
| 15.11.2020 | 16:45 | 17:00 | 2.267 |
| 15.11.2020 | 17:00 | 17:15 | 2.361 |
| 15.11.2020 | 17:15 | 17:30 | 2.378 |
| 15.11.2020 | 17:30 | 17:45 | 2.394 |
| 15.11.2020 | 17:45 | 18:00 | 2.385 |
| 15.11.2020 | 18:00 | 18:15 | 2.369 |
| 15.11.2020 | 18:15 | 18:30 | 2.327 |
| 15.11.2020 | 18:30 | 18:45 | 2.271 |
| 15.11.2020 | 18:45 | 19:00 | 2.235 |
| 15.11.2020 | 19:00 | 19:15 | 2.205 |
| 15.11.2020 | 19:15 | 19:30 | 2.180 |
| 15.11.2020 | 19:30 | 19:45 | 2.145 |
| 15.11.2020 | 19:45 | 20:00 | 2.079 |
| 15.11.2020 | 20:00 | 20:15 | 1.979 |
| 15.11.2020 | 20:15 | 20:30 | 1.880 |
| 15.11.2020 | 20:30 | 20:45 | 1.817 |
| 15.11.2020 | 20:45 | 21:00 | 1.753 |
| 15.11.2020 | 21:00 | 21:15 | 1.680 |
| 15.11.2020 | 21:15 | 21:30 | 1.623 |
| 15.11.2020 | 21:30 | 21:45 | 1.577 |
| 15.11.2020 | 21:45 | 22:00 | 1.545 |
| 15.11.2020 | 22:00 | 22:15 | 1.601 |
| 15.11.2020 | 22:15 | 22:30 | 1.547 |
| 15.11.2020 | 22:30 | 22:45 | 1.476 |
| 15.11.2020 | 22:45 | 23:00 | 1.417 |
| 15.11.2020 | 23:00 | 23:15 | 1.368 |
| 15.11.2020 | 23:15 | 23:30 | 1.309 |
| 15.11.2020 | 23:30 | 23:45 | 1.254 |
| 15.11.2020 | 23:45 | 00:00 | 1.209 |
| 16.11.2020 | 00:00 | 00:15 | 1.173 |
| 16.11.2020 | 00:15 | 00:30 | 1.135 |
| 16.11.2020 | 00:30 | 00:45 | 1.105 |
| 16.11.2020 | 00:45 | 01:00 | 1.078 |
| 16.11.2020 | 01:00 | 01:15 | 1.061 |
| 16.11.2020 | 01:15 | 01:30 | 1.021 |
| 16.11.2020 | 01:30 | 01:45 | 1.004 |
| 16.11.2020 | 01:45 | 02:00 | 994 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.11.2020 | 02:00 | 02:15 | 979 |
| 16.11.2020 | 02:15 | 02:30 | 967 |
| 16.11.2020 | 02:30 | 02:45 | 972 |
| 16.11.2020 | 02:45 | 03:00 | 966 |
| 16.11.2020 | 03:00 | 03:15 | 953 |
| 16.11.2020 | 03:15 | 03:30 | 933 |
| 16.11.2020 | 03:30 | 03:45 | 918 |
| 16.11.2020 | 03:45 | 04:00 | 930 |
| 16.11.2020 | 04:00 | 04:15 | 961 |
| 16.11.2020 | 04:15 | 04:30 | 998 |
| 16.11.2020 | 04:30 | 04:45 | 1.035 |
| 16.11.2020 | 04:45 | 05:00 | 1.048 |
| 16.11.2020 | 05:00 | 05:15 | 1.091 |
| 16.11.2020 | 05:15 | 05:30 | 1.139 |
| 16.11.2020 | 05:30 | 05:45 | 1.220 |
| 16.11.2020 | 05:45 | 06:00 | 1.311 |
| 16.11.2020 | 06:00 | 06:15 | 1.437 |
| 16.11.2020 | 06:15 | 06:30 | 1.560 |
| 16.11.2020 | 06:30 | 06:45 | 1.661 |
| 16.11.2020 | 06:45 | 07:00 | 1.756 |
| 16.11.2020 | 07:00 | 07:15 | 1.883 |
| 16.11.2020 | 07:15 | 07:30 | 1.993 |
| 16.11.2020 | 07:30 | 07:45 | 2.019 |
| 16.11.2020 | 07:45 | 08:00 | 2.016 |
| 16.11.2020 | 08:00 | 08:15 | 2.098 |
| 16.11.2020 | 08:15 | 08:30 | 2.137 |
| 16.11.2020 | 08:30 | 08:45 | 2.130 |
| 16.11.2020 | 08:45 | 09:00 | 2.140 |
| 16.11.2020 | 09:00 | 09:15 | 2.144 |
| 16.11.2020 | 09:15 | 09:30 | 2.227 |
| 16.11.2020 | 09:30 | 09:45 | 2.297 |
| 16.11.2020 | 09:45 | 10:00 | 2.324 |
| 16.11.2020 | 10:00 | 10:15 | 2.317 |
| 16.11.2020 | 10:15 | 10:30 | 2.325 |
| 16.11.2020 | 10:30 | 10:45 | 2.336 |
| 16.11.2020 | 10:45 | 11:00 | 2.390 |
| 16.11.2020 | 11:00 | 11:15 | 2.432 |
| 16.11.2020 | 11:15 | 11:30 | 2.494 |
| 16.11.2020 | 11:30 | 11:45 | 2.452 |
| 16.11.2020 | 11:45 | 12:00 | 2.477 |
| 16.11.2020 | 12:00 | 12:15 | 2.589 |
| 16.11.2020 | 12:15 | 12:30 | 2.603 |
| 16.11.2020 | 12:30 | 12:45 | 2.608 |
| 16.11.2020 | 12:45 | 13:00 | 2.592 |
| 16.11.2020 | 13:00 | 13:15 | 2.598 |
| 16.11.2020 | 13:15 | 13:30 | 2.588 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.11.2020 | 13:30 | 13:45 | 2.560 |
| 16.11.2020 | 13:45 | 14:00 | 2.550 |
| 16.11.2020 | 14:00 | 14:15 | 2.580 |
| 16.11.2020 | 14:15 | 14:30 | 2.553 |
| 16.11.2020 | 14:30 | 14:45 | 2.580 |
| 16.11.2020 | 14:45 | 15:00 | 2.584 |
| 16.11.2020 | 15:00 | 15:15 | 2.539 |
| 16.11.2020 | 15:15 | 15:30 | 2.504 |
| 16.11.2020 | 15:30 | 15:45 | 2.522 |
| 16.11.2020 | 15:45 | 16:00 | 2.578 |
| 16.11.2020 | 16:00 | 16:15 | 2.602 |
| 16.11.2020 | 16:15 | 16:30 | 2.629 |
| 16.11.2020 | 16:30 | 16:45 | 2.694 |
| 16.11.2020 | 16:45 | 17:00 | 2.793 |
| 16.11.2020 | 17:00 | 17:15 | 2.981 |
| 16.11.2020 | 17:15 | 17:30 | 3.036 |
| 16.11.2020 | 17:30 | 17:45 | 3.038 |
| 16.11.2020 | 17:45 | 18:00 | 3.040 |
| 16.11.2020 | 18:00 | 18:15 | 3.026 |
| 16.11.2020 | 18:15 | 18:30 | 3.020 |
| 16.11.2020 | 18:30 | 18:45 | 2.980 |
| 16.11.2020 | 18:45 | 19:00 | 2.936 |
| 16.11.2020 | 19:00 | 19:15 | 2.864 |
| 16.11.2020 | 19:15 | 19:30 | 2.826 |
| 16.11.2020 | 19:30 | 19:45 | 2.727 |
| 16.11.2020 | 19:45 | 20:00 | 2.632 |
| 16.11.2020 | 20:00 | 20:15 | 2.499 |
| 16.11.2020 | 20:15 | 20:30 | 2.390 |
| 16.11.2020 | 20:30 | 20:45 | 2.271 |
| 16.11.2020 | 20:45 | 21:00 | 2.184 |
| 16.11.2020 | 21:00 | 21:15 | 2.064 |
| 16.11.2020 | 21:15 | 21:30 | 1.990 |
| 16.11.2020 | 21:30 | 21:45 | 1.910 |
| 16.11.2020 | 21:45 | 22:00 | 1.802 |
| 16.11.2020 | 22:00 | 22:15 | 1.831 |
| 16.11.2020 | 22:15 | 22:30 | 1.780 |
| 16.11.2020 | 22:30 | 22:45 | 1.706 |
| 16.11.2020 | 22:45 | 23:00 | 1.652 |
| 16.11.2020 | 23:00 | 23:15 | 1.556 |
| 16.11.2020 | 23:15 | 23:30 | 1.505 |
| 16.11.2020 | 23:30 | 23:45 | 1.443 |
| 16.11.2020 | 23:45 | 00:00 | 1.392 |
| 17.11.2020 | 00:00 | 00:15 | 1.345 |
| 17.11.2020 | 00:15 | 00:30 | 1.312 |
| 17.11.2020 | 00:30 | 00:45 | 1.262 |
| 17.11.2020 | 00:45 | 01:00 | 1.232 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.11.2020 | 01:00 | 01:15 | 1.206 |
| 17.11.2020 | 01:15 | 01:30 | 1.182 |
| 17.11.2020 | 01:30 | 01:45 | 1.149 |
| 17.11.2020 | 01:45 | 02:00 | 1.142 |
| 17.11.2020 | 02:00 | 02:15 | 1.131 |
| 17.11.2020 | 02:15 | 02:30 | 1.120 |
| 17.11.2020 | 02:30 | 02:45 | 1.104 |
| 17.11.2020 | 02:45 | 03:00 | 1.095 |
| 17.11.2020 | 03:00 | 03:15 | 1.090 |
| 17.11.2020 | 03:15 | 03:30 | 1.085 |
| 17.11.2020 | 03:30 | 03:45 | 1.085 |
| 17.11.2020 | 03:45 | 04:00 | 1.098 |
| 17.11.2020 | 04:00 | 04:15 | 1.117 |
| 17.11.2020 | 04:15 | 04:30 | 1.139 |
| 17.11.2020 | 04:30 | 04:45 | 1.171 |
| 17.11.2020 | 04:45 | 05:00 | 1.205 |
| 17.11.2020 | 05:00 | 05:15 | 1.264 |
| 17.11.2020 | 05:15 | 05:30 | 1.307 |
| 17.11.2020 | 05:30 | 05:45 | 1.407 |
| 17.11.2020 | 05:45 | 06:00 | 1.508 |
| 17.11.2020 | 06:00 | 06:15 | 1.606 |
| 17.11.2020 | 06:15 | 06:30 | 1.754 |
| 17.11.2020 | 06:30 | 06:45 | 1.871 |
| 17.11.2020 | 06:45 | 07:00 | 1.965 |
| 17.11.2020 | 07:00 | 07:15 | 2.089 |
| 17.11.2020 | 07:15 | 07:30 | 2.140 |
| 17.11.2020 | 07:30 | 07:45 | 2.203 |
| 17.11.2020 | 07:45 | 08:00 | 2.206 |
| 17.11.2020 | 08:00 | 08:15 | 2.281 |
| 17.11.2020 | 08:15 | 08:30 | 2.323 |
| 17.11.2020 | 08:30 | 08:45 | 2.353 |
| 17.11.2020 | 08:45 | 09:00 | 2.398 |
| 17.11.2020 | 09:00 | 09:15 | 2.431 |
| 17.11.2020 | 09:15 | 09:30 | 2.413 |
| 17.11.2020 | 09:30 | 09:45 | 2.415 |
| 17.11.2020 | 09:45 | 10:00 | 2.424 |
| 17.11.2020 | 10:00 | 10:15 | 2.515 |
| 17.11.2020 | 10:15 | 10:30 | 2.548 |
| 17.11.2020 | 10:30 | 10:45 | 2.547 |
| 17.11.2020 | 10:45 | 11:00 | 2.604 |
| 17.11.2020 | 11:00 | 11:15 | 2.599 |
| 17.11.2020 | 11:15 | 11:30 | 2.627 |
| 17.11.2020 | 11:30 | 11:45 | 2.648 |
| 17.11.2020 | 11:45 | 12:00 | 2.666 |
| 17.11.2020 | 12:00 | 12:15 | 2.663 |
| 17.11.2020 | 12:15 | 12:30 | 2.675 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | Summe in kWh: | 15.967.502 |
|---|---|---|---|
| | | | kW |
| 17.11.2020 | 12:30 | 12:45 | 2.665 |
| 17.11.2020 | 12:45 | 13:00 | 2.685 |
| 17.11.2020 | 13:00 | 13:15 | 2.745 |
| 17.11.2020 | 13:15 | 13:30 | 2.717 |
| 17.11.2020 | 13:30 | 13:45 | 2.642 |
| 17.11.2020 | 13:45 | 14:00 | 2.621 |
| 17.11.2020 | 14:00 | 14:15 | 2.639 |
| 17.11.2020 | 14:15 | 14:30 | 2.624 |
| 17.11.2020 | 14:30 | 14:45 | 2.613 |
| 17.11.2020 | 14:45 | 15:00 | 2.653 |
| 17.11.2020 | 15:00 | 15:15 | 2.621 |
| 17.11.2020 | 15:15 | 15:30 | 2.574 |
| 17.11.2020 | 15:30 | 15:45 | 2.591 |
| 17.11.2020 | 15:45 | 16:00 | 2.625 |
| 17.11.2020 | 16:00 | 16:15 | 2.657 |
| 17.11.2020 | 16:15 | 16:30 | 2.676 |
| 17.11.2020 | 16:30 | 16:45 | 2.759 |
| 17.11.2020 | 16:45 | 17:00 | 2.828 |
| 17.11.2020 | 17:00 | 17:15 | 2.964 |
| 17.11.2020 | 17:15 | 17:30 | 2.976 |
| 17.11.2020 | 17:30 | 17:45 | 2.941 |
| 17.11.2020 | 17:45 | 18:00 | 2.966 |
| 17.11.2020 | 18:00 | 18:15 | 2.960 |
| 17.11.2020 | 18:15 | 18:30 | 2.931 |
| 17.11.2020 | 18:30 | 18:45 | 2.876 |
| 17.11.2020 | 18:45 | 19:00 | 2.834 |
| 17.11.2020 | 19:00 | 19:15 | 2.743 |
| 17.11.2020 | 19:15 | 19:30 | 2.668 |
| 17.11.2020 | 19:30 | 19:45 | 2.640 |
| 17.11.2020 | 19:45 | 20:00 | 2.541 |
| 17.11.2020 | 20:00 | 20:15 | 2.436 |
| 17.11.2020 | 20:15 | 20:30 | 2.337 |
| 17.11.2020 | 20:30 | 20:45 | 2.230 |
| 17.11.2020 | 20:45 | 21:00 | 2.161 |
| 17.11.2020 | 21:00 | 21:15 | 2.060 |
| 17.11.2020 | 21:15 | 21:30 | 1.961 |
| 17.11.2020 | 21:30 | 21:45 | 1.901 |
| 17.11.2020 | 21:45 | 22:00 | 1.826 |
| 17.11.2020 | 22:00 | 22:15 | 1.830 |
| 17.11.2020 | 22:15 | 22:30 | 1.778 |
| 17.11.2020 | 22:30 | 22:45 | 1.703 |
| 17.11.2020 | 22:45 | 23:00 | 1.637 |
| 17.11.2020 | 23:00 | 23:15 | 1.570 |
| 17.11.2020 | 23:15 | 23:30 | 1.508 |
| 17.11.2020 | 23:30 | 23:45 | 1.440 |
| 17.11.2020 | 23:45 | 00:00 | 1.370 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.11.2020 | 00:00 | 00:15 | 1.322 |
| 18.11.2020 | 00:15 | 00:30 | 1.287 |
| 18.11.2020 | 00:30 | 00:45 | 1.235 |
| 18.11.2020 | 00:45 | 01:00 | 1.205 |
| 18.11.2020 | 01:00 | 01:15 | 1.180 |
| 18.11.2020 | 01:15 | 01:30 | 1.160 |
| 18.11.2020 | 01:30 | 01:45 | 1.144 |
| 18.11.2020 | 01:45 | 02:00 | 1.124 |
| 18.11.2020 | 02:00 | 02:15 | 1.108 |
| 18.11.2020 | 02:15 | 02:30 | 1.088 |
| 18.11.2020 | 02:30 | 02:45 | 1.081 |
| 18.11.2020 | 02:45 | 03:00 | 1.078 |
| 18.11.2020 | 03:00 | 03:15 | 1.074 |
| 18.11.2020 | 03:15 | 03:30 | 1.065 |
| 18.11.2020 | 03:30 | 03:45 | 1.067 |
| 18.11.2020 | 03:45 | 04:00 | 1.071 |
| 18.11.2020 | 04:00 | 04:15 | 1.106 |
| 18.11.2020 | 04:15 | 04:30 | 1.130 |
| 18.11.2020 | 04:30 | 04:45 | 1.171 |
| 18.11.2020 | 04:45 | 05:00 | 1.172 |
| 18.11.2020 | 05:00 | 05:15 | 1.233 |
| 18.11.2020 | 05:15 | 05:30 | 1.297 |
| 18.11.2020 | 05:30 | 05:45 | 1.349 |
| 18.11.2020 | 05:45 | 06:00 | 1.444 |
| 18.11.2020 | 06:00 | 06:15 | 1.578 |
| 18.11.2020 | 06:15 | 06:30 | 1.715 |
| 18.11.2020 | 06:30 | 06:45 | 1.834 |
| 18.11.2020 | 06:45 | 07:00 | 1.931 |
| 18.11.2020 | 07:00 | 07:15 | 2.053 |
| 18.11.2020 | 07:15 | 07:30 | 2.097 |
| 18.11.2020 | 07:30 | 07:45 | 2.067 |
| 18.11.2020 | 07:45 | 08:00 | 2.059 |
| 18.11.2020 | 08:00 | 08:15 | 2.105 |
| 18.11.2020 | 08:15 | 08:30 | 2.119 |
| 18.11.2020 | 08:30 | 08:45 | 2.186 |
| 18.11.2020 | 08:45 | 09:00 | 2.224 |
| 18.11.2020 | 09:00 | 09:15 | 2.210 |
| 18.11.2020 | 09:15 | 09:30 | 2.254 |
| 18.11.2020 | 09:30 | 09:45 | 2.236 |
| 18.11.2020 | 09:45 | 10:00 | 2.241 |
| 18.11.2020 | 10:00 | 10:15 | 2.260 |
| 18.11.2020 | 10:15 | 10:30 | 2.293 |
| 18.11.2020 | 10:30 | 10:45 | 2.291 |
| 18.11.2020 | 10:45 | 11:00 | 2.292 |
| 18.11.2020 | 11:00 | 11:15 | 2.324 |
| 18.11.2020 | 11:15 | 11:30 | 2.326 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.11.2020 | 11:30 | 11:45 | 2.365 |
| 18.11.2020 | 11:45 | 12:00 | 2.336 |
| 18.11.2020 | 12:00 | 12:15 | 2.367 |
| 18.11.2020 | 12:15 | 12:30 | 2.394 |
| 18.11.2020 | 12:30 | 12:45 | 2.397 |
| 18.11.2020 | 12:45 | 13:00 | 2.386 |
| 18.11.2020 | 13:00 | 13:15 | 2.433 |
| 18.11.2020 | 13:15 | 13:30 | 2.407 |
| 18.11.2020 | 13:30 | 13:45 | 2.382 |
| 18.11.2020 | 13:45 | 14:00 | 2.351 |
| 18.11.2020 | 14:00 | 14:15 | 2.282 |
| 18.11.2020 | 14:15 | 14:30 | 2.308 |
| 18.11.2020 | 14:30 | 14:45 | 2.300 |
| 18.11.2020 | 14:45 | 15:00 | 2.296 |
| 18.11.2020 | 15:00 | 15:15 | 2.282 |
| 18.11.2020 | 15:15 | 15:30 | 2.277 |
| 18.11.2020 | 15:30 | 15:45 | 2.278 |
| 18.11.2020 | 15:45 | 16:00 | 2.290 |
| 18.11.2020 | 16:00 | 16:15 | 2.333 |
| 18.11.2020 | 16:15 | 16:30 | 2.350 |
| 18.11.2020 | 16:30 | 16:45 | 2.424 |
| 18.11.2020 | 16:45 | 17:00 | 2.566 |
| 18.11.2020 | 17:00 | 17:15 | 2.742 |
| 18.11.2020 | 17:15 | 17:30 | 2.847 |
| 18.11.2020 | 17:30 | 17:45 | 2.874 |
| 18.11.2020 | 17:45 | 18:00 | 2.953 |
| 18.11.2020 | 18:00 | 18:15 | 2.948 |
| 18.11.2020 | 18:15 | 18:30 | 2.917 |
| 18.11.2020 | 18:30 | 18:45 | 2.861 |
| 18.11.2020 | 18:45 | 19:00 | 2.838 |
| 18.11.2020 | 19:00 | 19:15 | 2.773 |
| 18.11.2020 | 19:15 | 19:30 | 2.715 |
| 18.11.2020 | 19:30 | 19:45 | 2.621 |
| 18.11.2020 | 19:45 | 20:00 | 2.566 |
| 18.11.2020 | 20:00 | 20:15 | 2.461 |
| 18.11.2020 | 20:15 | 20:30 | 2.317 |
| 18.11.2020 | 20:30 | 20:45 | 2.258 |
| 18.11.2020 | 20:45 | 21:00 | 2.202 |
| 18.11.2020 | 21:00 | 21:15 | 2.097 |
| 18.11.2020 | 21:15 | 21:30 | 1.988 |
| 18.11.2020 | 21:30 | 21:45 | 1.886 |
| 18.11.2020 | 21:45 | 22:00 | 1.815 |
| 18.11.2020 | 22:00 | 22:15 | 1.832 |
| 18.11.2020 | 22:15 | 22:30 | 1.809 |
| 18.11.2020 | 22:30 | 22:45 | 1.740 |
| 18.11.2020 | 22:45 | 23:00 | 1.639 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.11.2020 | 23:00 | 23:15 | 1.546 |
| 18.11.2020 | 23:15 | 23:30 | 1.494 |
| 18.11.2020 | 23:30 | 23:45 | 1.424 |
| 18.11.2020 | 23:45 | 00:00 | 1.375 |
| 19.11.2020 | 00:00 | 00:15 | 1.324 |
| 19.11.2020 | 00:15 | 00:30 | 1.273 |
| 19.11.2020 | 00:30 | 00:45 | 1.245 |
| 19.11.2020 | 00:45 | 01:00 | 1.219 |
| 19.11.2020 | 01:00 | 01:15 | 1.196 |
| 19.11.2020 | 01:15 | 01:30 | 1.187 |
| 19.11.2020 | 01:30 | 01:45 | 1.158 |
| 19.11.2020 | 01:45 | 02:00 | 1.150 |
| 19.11.2020 | 02:00 | 02:15 | 1.131 |
| 19.11.2020 | 02:15 | 02:30 | 1.104 |
| 19.11.2020 | 02:30 | 02:45 | 1.081 |
| 19.11.2020 | 02:45 | 03:00 | 1.074 |
| 19.11.2020 | 03:00 | 03:15 | 1.076 |
| 19.11.2020 | 03:15 | 03:30 | 1.087 |
| 19.11.2020 | 03:30 | 03:45 | 1.095 |
| 19.11.2020 | 03:45 | 04:00 | 1.098 |
| 19.11.2020 | 04:00 | 04:15 | 1.134 |
| 19.11.2020 | 04:15 | 04:30 | 1.161 |
| 19.11.2020 | 04:30 | 04:45 | 1.165 |
| 19.11.2020 | 04:45 | 05:00 | 1.176 |
| 19.11.2020 | 05:00 | 05:15 | 1.228 |
| 19.11.2020 | 05:15 | 05:30 | 1.275 |
| 19.11.2020 | 05:30 | 05:45 | 1.347 |
| 19.11.2020 | 05:45 | 06:00 | 1.434 |
| 19.11.2020 | 06:00 | 06:15 | 1.553 |
| 19.11.2020 | 06:15 | 06:30 | 1.686 |
| 19.11.2020 | 06:30 | 06:45 | 1.793 |
| 19.11.2020 | 06:45 | 07:00 | 1.909 |
| 19.11.2020 | 07:00 | 07:15 | 2.035 |
| 19.11.2020 | 07:15 | 07:30 | 2.102 |
| 19.11.2020 | 07:30 | 07:45 | 2.139 |
| 19.11.2020 | 07:45 | 08:00 | 2.243 |
| 19.11.2020 | 08:00 | 08:15 | 2.221 |
| 19.11.2020 | 08:15 | 08:30 | 2.229 |
| 19.11.2020 | 08:30 | 08:45 | 2.289 |
| 19.11.2020 | 08:45 | 09:00 | 2.319 |
| 19.11.2020 | 09:00 | 09:15 | 2.347 |
| 19.11.2020 | 09:15 | 09:30 | 2.391 |
| 19.11.2020 | 09:30 | 09:45 | 2.393 |
| 19.11.2020 | 09:45 | 10:00 | 2.419 |
| 19.11.2020 | 10:00 | 10:15 | 2.461 |
| 19.11.2020 | 10:15 | 10:30 | 2.462 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.11.2020 | 10:30 | 10:45 | 2.515 |
| 19.11.2020 | 10:45 | 11:00 | 2.562 |
| 19.11.2020 | 11:00 | 11:15 | 2.595 |
| 19.11.2020 | 11:15 | 11:30 | 2.627 |
| 19.11.2020 | 11:30 | 11:45 | 2.650 |
| 19.11.2020 | 11:45 | 12:00 | 2.678 |
| 19.11.2020 | 12:00 | 12:15 | 2.736 |
| 19.11.2020 | 12:15 | 12:30 | 2.768 |
| 19.11.2020 | 12:30 | 12:45 | 2.738 |
| 19.11.2020 | 12:45 | 13:00 | 2.707 |
| 19.11.2020 | 13:00 | 13:15 | 2.697 |
| 19.11.2020 | 13:15 | 13:30 | 2.659 |
| 19.11.2020 | 13:30 | 13:45 | 2.610 |
| 19.11.2020 | 13:45 | 14:00 | 2.585 |
| 19.11.2020 | 14:00 | 14:15 | 2.554 |
| 19.11.2020 | 14:15 | 14:30 | 2.558 |
| 19.11.2020 | 14:30 | 14:45 | 2.601 |
| 19.11.2020 | 14:45 | 15:00 | 2.590 |
| 19.11.2020 | 15:00 | 15:15 | 2.545 |
| 19.11.2020 | 15:15 | 15:30 | 2.562 |
| 19.11.2020 | 15:30 | 15:45 | 2.531 |
| 19.11.2020 | 15:45 | 16:00 | 2.592 |
| 19.11.2020 | 16:00 | 16:15 | 2.628 |
| 19.11.2020 | 16:15 | 16:30 | 2.659 |
| 19.11.2020 | 16:30 | 16:45 | 2.687 |
| 19.11.2020 | 16:45 | 17:00 | 2.804 |
| 19.11.2020 | 17:00 | 17:15 | 3.000 |
| 19.11.2020 | 17:15 | 17:30 | 3.052 |
| 19.11.2020 | 17:30 | 17:45 | 3.060 |
| 19.11.2020 | 17:45 | 18:00 | 3.087 |
| 19.11.2020 | 18:00 | 18:15 | 3.012 |
| 19.11.2020 | 18:15 | 18:30 | 2.923 |
| 19.11.2020 | 18:30 | 18:45 | 2.837 |
| 19.11.2020 | 18:45 | 19:00 | 2.809 |
| 19.11.2020 | 19:00 | 19:15 | 2.726 |
| 19.11.2020 | 19:15 | 19:30 | 2.627 |
| 19.11.2020 | 19:30 | 19:45 | 2.561 |
| 19.11.2020 | 19:45 | 20:00 | 2.478 |
| 19.11.2020 | 20:00 | 20:15 | 2.428 |
| 19.11.2020 | 20:15 | 20:30 | 2.336 |
| 19.11.2020 | 20:30 | 20:45 | 2.208 |
| 19.11.2020 | 20:45 | 21:00 | 2.133 |
| 19.11.2020 | 21:00 | 21:15 | 2.042 |
| 19.11.2020 | 21:15 | 21:30 | 1.932 |
| 19.11.2020 | 21:30 | 21:45 | 1.857 |
| 19.11.2020 | 21:45 | 22:00 | 1.792 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.11.2020 | 22:00 | 22:15 | 1.812 |
| 19.11.2020 | 22:15 | 22:30 | 1.776 |
| 19.11.2020 | 22:30 | 22:45 | 1.742 |
| 19.11.2020 | 22:45 | 23:00 | 1.679 |
| 19.11.2020 | 23:00 | 23:15 | 1.602 |
| 19.11.2020 | 23:15 | 23:30 | 1.543 |
| 19.11.2020 | 23:30 | 23:45 | 1.488 |
| 19.11.2020 | 23:45 | 00:00 | 1.427 |
| 20.11.2020 | 00:00 | 00:15 | 1.387 |
| 20.11.2020 | 00:15 | 00:30 | 1.366 |
| 20.11.2020 | 00:30 | 00:45 | 1.326 |
| 20.11.2020 | 00:45 | 01:00 | 1.291 |
| 20.11.2020 | 01:00 | 01:15 | 1.261 |
| 20.11.2020 | 01:15 | 01:30 | 1.208 |
| 20.11.2020 | 01:30 | 01:45 | 1.161 |
| 20.11.2020 | 01:45 | 02:00 | 1.148 |
| 20.11.2020 | 02:00 | 02:15 | 1.131 |
| 20.11.2020 | 02:15 | 02:30 | 1.094 |
| 20.11.2020 | 02:30 | 02:45 | 1.085 |
| 20.11.2020 | 02:45 | 03:00 | 1.070 |
| 20.11.2020 | 03:00 | 03:15 | 1.053 |
| 20.11.2020 | 03:15 | 03:30 | 1.047 |
| 20.11.2020 | 03:30 | 03:45 | 1.044 |
| 20.11.2020 | 03:45 | 04:00 | 1.047 |
| 20.11.2020 | 04:00 | 04:15 | 1.076 |
| 20.11.2020 | 04:15 | 04:30 | 1.113 |
| 20.11.2020 | 04:30 | 04:45 | 1.137 |
| 20.11.2020 | 04:45 | 05:00 | 1.157 |
| 20.11.2020 | 05:00 | 05:15 | 1.221 |
| 20.11.2020 | 05:15 | 05:30 | 1.265 |
| 20.11.2020 | 05:30 | 05:45 | 1.337 |
| 20.11.2020 | 05:45 | 06:00 | 1.418 |
| 20.11.2020 | 06:00 | 06:15 | 1.530 |
| 20.11.2020 | 06:15 | 06:30 | 1.681 |
| 20.11.2020 | 06:30 | 06:45 | 1.790 |
| 20.11.2020 | 06:45 | 07:00 | 1.897 |
| 20.11.2020 | 07:00 | 07:15 | 2.030 |
| 20.11.2020 | 07:15 | 07:30 | 2.103 |
| 20.11.2020 | 07:30 | 07:45 | 2.114 |
| 20.11.2020 | 07:45 | 08:00 | 2.143 |
| 20.11.2020 | 08:00 | 08:15 | 2.199 |
| 20.11.2020 | 08:15 | 08:30 | 2.241 |
| 20.11.2020 | 08:30 | 08:45 | 2.302 |
| 20.11.2020 | 08:45 | 09:00 | 2.315 |
| 20.11.2020 | 09:00 | 09:15 | 2.351 |
| 20.11.2020 | 09:15 | 09:30 | 2.355 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.11.2020 | 09:30 | 09:45 | 2.383 |
| 20.11.2020 | 09:45 | 10:00 | 2.397 |
| 20.11.2020 | 10:00 | 10:15 | 2.369 |
| 20.11.2020 | 10:15 | 10:30 | 2.440 |
| 20.11.2020 | 10:30 | 10:45 | 2.493 |
| 20.11.2020 | 10:45 | 11:00 | 2.500 |
| 20.11.2020 | 11:00 | 11:15 | 2.503 |
| 20.11.2020 | 11:15 | 11:30 | 2.557 |
| 20.11.2020 | 11:30 | 11:45 | 2.575 |
| 20.11.2020 | 11:45 | 12:00 | 2.599 |
| 20.11.2020 | 12:00 | 12:15 | 2.605 |
| 20.11.2020 | 12:15 | 12:30 | 2.633 |
| 20.11.2020 | 12:30 | 12:45 | 2.615 |
| 20.11.2020 | 12:45 | 13:00 | 2.601 |
| 20.11.2020 | 13:00 | 13:15 | 2.588 |
| 20.11.2020 | 13:15 | 13:30 | 2.563 |
| 20.11.2020 | 13:30 | 13:45 | 2.495 |
| 20.11.2020 | 13:45 | 14:00 | 2.464 |
| 20.11.2020 | 14:00 | 14:15 | 2.430 |
| 20.11.2020 | 14:15 | 14:30 | 2.405 |
| 20.11.2020 | 14:30 | 14:45 | 2.371 |
| 20.11.2020 | 14:45 | 15:00 | 2.337 |
| 20.11.2020 | 15:00 | 15:15 | 2.352 |
| 20.11.2020 | 15:15 | 15:30 | 2.394 |
| 20.11.2020 | 15:30 | 15:45 | 2.454 |
| 20.11.2020 | 15:45 | 16:00 | 2.486 |
| 20.11.2020 | 16:00 | 16:15 | 2.490 |
| 20.11.2020 | 16:15 | 16:30 | 2.521 |
| 20.11.2020 | 16:30 | 16:45 | 2.585 |
| 20.11.2020 | 16:45 | 17:00 | 2.733 |
| 20.11.2020 | 17:00 | 17:15 | 2.918 |
| 20.11.2020 | 17:15 | 17:30 | 2.968 |
| 20.11.2020 | 17:30 | 17:45 | 3.019 |
| 20.11.2020 | 17:45 | 18:00 | 3.108 |
| 20.11.2020 | 18:00 | 18:15 | 3.099 |
| 20.11.2020 | 18:15 | 18:30 | 3.053 |
| 20.11.2020 | 18:30 | 18:45 | 3.018 |
| 20.11.2020 | 18:45 | 19:00 | 2.944 |
| 20.11.2020 | 19:00 | 19:15 | 2.842 |
| 20.11.2020 | 19:15 | 19:30 | 2.811 |
| 20.11.2020 | 19:30 | 19:45 | 2.738 |
| 20.11.2020 | 19:45 | 20:00 | 2.665 |
| 20.11.2020 | 20:00 | 20:15 | 2.496 |
| 20.11.2020 | 20:15 | 20:30 | 2.395 |
| 20.11.2020 | 20:30 | 20:45 | 2.322 |
| 20.11.2020 | 20:45 | 21:00 | 2.234 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.11.2020 | 21:00 | 21:15 | 2.127 |
| 20.11.2020 | 21:15 | 21:30 | 2.043 |
| 20.11.2020 | 21:30 | 21:45 | 1.907 |
| 20.11.2020 | 21:45 | 22:00 | 1.842 |
| 20.11.2020 | 22:00 | 22:15 | 1.886 |
| 20.11.2020 | 22:15 | 22:30 | 1.844 |
| 20.11.2020 | 22:30 | 22:45 | 1.817 |
| 20.11.2020 | 22:45 | 23:00 | 1.720 |
| 20.11.2020 | 23:00 | 23:15 | 1.637 |
| 20.11.2020 | 23:15 | 23:30 | 1.582 |
| 20.11.2020 | 23:30 | 23:45 | 1.520 |
| 20.11.2020 | 23:45 | 00:00 | 1.473 |
| 21.11.2020 | 00:00 | 00:15 | 1.411 |
| 21.11.2020 | 00:15 | 00:30 | 1.379 |
| 21.11.2020 | 00:30 | 00:45 | 1.388 |
| 21.11.2020 | 00:45 | 01:00 | 1.352 |
| 21.11.2020 | 01:00 | 01:15 | 1.313 |
| 21.11.2020 | 01:15 | 01:30 | 1.275 |
| 21.11.2020 | 01:30 | 01:45 | 1.241 |
| 21.11.2020 | 01:45 | 02:00 | 1.220 |
| 21.11.2020 | 02:00 | 02:15 | 1.179 |
| 21.11.2020 | 02:15 | 02:30 | 1.163 |
| 21.11.2020 | 02:30 | 02:45 | 1.152 |
| 21.11.2020 | 02:45 | 03:00 | 1.132 |
| 21.11.2020 | 03:00 | 03:15 | 1.126 |
| 21.11.2020 | 03:15 | 03:30 | 1.139 |
| 21.11.2020 | 03:30 | 03:45 | 1.115 |
| 21.11.2020 | 03:45 | 04:00 | 1.119 |
| 21.11.2020 | 04:00 | 04:15 | 1.121 |
| 21.11.2020 | 04:15 | 04:30 | 1.130 |
| 21.11.2020 | 04:30 | 04:45 | 1.135 |
| 21.11.2020 | 04:45 | 05:00 | 1.138 |
| 21.11.2020 | 05:00 | 05:15 | 1.174 |
| 21.11.2020 | 05:15 | 05:30 | 1.174 |
| 21.11.2020 | 05:30 | 05:45 | 1.171 |
| 21.11.2020 | 05:45 | 06:00 | 1.204 |
| 21.11.2020 | 06:00 | 06:15 | 1.211 |
| 21.11.2020 | 06:15 | 06:30 | 1.244 |
| 21.11.2020 | 06:30 | 06:45 | 1.278 |
| 21.11.2020 | 06:45 | 07:00 | 1.302 |
| 21.11.2020 | 07:00 | 07:15 | 1.350 |
| 21.11.2020 | 07:15 | 07:30 | 1.388 |
| 21.11.2020 | 07:30 | 07:45 | 1.428 |
| 21.11.2020 | 07:45 | 08:00 | 1.422 |
| 21.11.2020 | 08:00 | 08:15 | 1.502 |
| 21.11.2020 | 08:15 | 08:30 | 1.576 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.11.2020 | 08:30 | 08:45 | 1.629 |
| 21.11.2020 | 08:45 | 09:00 | 1.708 |
| 21.11.2020 | 09:00 | 09:15 | 1.777 |
| 21.11.2020 | 09:15 | 09:30 | 1.877 |
| 21.11.2020 | 09:30 | 09:45 | 1.948 |
| 21.11.2020 | 09:45 | 10:00 | 2.002 |
| 21.11.2020 | 10:00 | 10:15 | 2.056 |
| 21.11.2020 | 10:15 | 10:30 | 2.126 |
| 21.11.2020 | 10:30 | 10:45 | 2.145 |
| 21.11.2020 | 10:45 | 11:00 | 2.189 |
| 21.11.2020 | 11:00 | 11:15 | 2.198 |
| 21.11.2020 | 11:15 | 11:30 | 2.239 |
| 21.11.2020 | 11:30 | 11:45 | 2.259 |
| 21.11.2020 | 11:45 | 12:00 | 2.277 |
| 21.11.2020 | 12:00 | 12:15 | 2.276 |
| 21.11.2020 | 12:15 | 12:30 | 2.304 |
| 21.11.2020 | 12:30 | 12:45 | 2.268 |
| 21.11.2020 | 12:45 | 13:00 | 2.247 |
| 21.11.2020 | 13:00 | 13:15 | 2.217 |
| 21.11.2020 | 13:15 | 13:30 | 2.187 |
| 21.11.2020 | 13:30 | 13:45 | 2.157 |
| 21.11.2020 | 13:45 | 14:00 | 2.150 |
| 21.11.2020 | 14:00 | 14:15 | 2.133 |
| 21.11.2020 | 14:15 | 14:30 | 2.108 |
| 21.11.2020 | 14:30 | 14:45 | 2.091 |
| 21.11.2020 | 14:45 | 15:00 | 2.064 |
| 21.11.2020 | 15:00 | 15:15 | 2.091 |
| 21.11.2020 | 15:15 | 15:30 | 2.097 |
| 21.11.2020 | 15:30 | 15:45 | 2.114 |
| 21.11.2020 | 15:45 | 16:00 | 2.149 |
| 21.11.2020 | 16:00 | 16:15 | 2.158 |
| 21.11.2020 | 16:15 | 16:30 | 2.203 |
| 21.11.2020 | 16:30 | 16:45 | 2.254 |
| 21.11.2020 | 16:45 | 17:00 | 2.353 |
| 21.11.2020 | 17:00 | 17:15 | 2.479 |
| 21.11.2020 | 17:15 | 17:30 | 2.533 |
| 21.11.2020 | 17:30 | 17:45 | 2.594 |
| 21.11.2020 | 17:45 | 18:00 | 2.601 |
| 21.11.2020 | 18:00 | 18:15 | 2.647 |
| 21.11.2020 | 18:15 | 18:30 | 2.609 |
| 21.11.2020 | 18:30 | 18:45 | 2.535 |
| 21.11.2020 | 18:45 | 19:00 | 2.498 |
| 21.11.2020 | 19:00 | 19:15 | 2.413 |
| 21.11.2020 | 19:15 | 19:30 | 2.334 |
| 21.11.2020 | 19:30 | 19:45 | 2.280 |
| 21.11.2020 | 19:45 | 20:00 | 2.241 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.11.2020 | 20:00 | 20:15 | 2.130 |
| 21.11.2020 | 20:15 | 20:30 | 2.028 |
| 21.11.2020 | 20:30 | 20:45 | 1.964 |
| 21.11.2020 | 20:45 | 21:00 | 1.868 |
| 21.11.2020 | 21:00 | 21:15 | 1.797 |
| 21.11.2020 | 21:15 | 21:30 | 1.743 |
| 21.11.2020 | 21:30 | 21:45 | 1.688 |
| 21.11.2020 | 21:45 | 22:00 | 1.639 |
| 21.11.2020 | 22:00 | 22:15 | 1.695 |
| 21.11.2020 | 22:15 | 22:30 | 1.651 |
| 21.11.2020 | 22:30 | 22:45 | 1.573 |
| 21.11.2020 | 22:45 | 23:00 | 1.528 |
| 21.11.2020 | 23:00 | 23:15 | 1.469 |
| 21.11.2020 | 23:15 | 23:30 | 1.418 |
| 21.11.2020 | 23:30 | 23:45 | 1.367 |
| 21.11.2020 | 23:45 | 00:00 | 1.320 |
| 22.11.2020 | 00:00 | 00:15 | 1.266 |
| 22.11.2020 | 00:15 | 00:30 | 1.211 |
| 22.11.2020 | 00:30 | 00:45 | 1.174 |
| 22.11.2020 | 00:45 | 01:00 | 1.146 |
| 22.11.2020 | 01:00 | 01:15 | 1.111 |
| 22.11.2020 | 01:15 | 01:30 | 1.079 |
| 22.11.2020 | 01:30 | 01:45 | 1.059 |
| 22.11.2020 | 01:45 | 02:00 | 1.033 |
| 22.11.2020 | 02:00 | 02:15 | 1.018 |
| 22.11.2020 | 02:15 | 02:30 | 999 |
| 22.11.2020 | 02:30 | 02:45 | 989 |
| 22.11.2020 | 02:45 | 03:00 | 984 |
| 22.11.2020 | 03:00 | 03:15 | 975 |
| 22.11.2020 | 03:15 | 03:30 | 973 |
| 22.11.2020 | 03:30 | 03:45 | 992 |
| 22.11.2020 | 03:45 | 04:00 | 987 |
| 22.11.2020 | 04:00 | 04:15 | 991 |
| 22.11.2020 | 04:15 | 04:30 | 989 |
| 22.11.2020 | 04:30 | 04:45 | 985 |
| 22.11.2020 | 04:45 | 05:00 | 977 |
| 22.11.2020 | 05:00 | 05:15 | 989 |
| 22.11.2020 | 05:15 | 05:30 | 993 |
| 22.11.2020 | 05:30 | 05:45 | 1.000 |
| 22.11.2020 | 05:45 | 06:00 | 1.012 |
| 22.11.2020 | 06:00 | 06:15 | 1.015 |
| 22.11.2020 | 06:15 | 06:30 | 1.026 |
| 22.11.2020 | 06:30 | 06:45 | 1.049 |
| 22.11.2020 | 06:45 | 07:00 | 1.067 |
| 22.11.2020 | 07:00 | 07:15 | 1.101 |
| 22.11.2020 | 07:15 | 07:30 | 1.138 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.11.2020 | 07:30 | 07:45 | 1.179 |
| 22.11.2020 | 07:45 | 08:00 | 1.195 |
| 22.11.2020 | 08:00 | 08:15 | 1.246 |
| 22.11.2020 | 08:15 | 08:30 | 1.304 |
| 22.11.2020 | 08:30 | 08:45 | 1.379 |
| 22.11.2020 | 08:45 | 09:00 | 1.439 |
| 22.11.2020 | 09:00 | 09:15 | 1.499 |
| 22.11.2020 | 09:15 | 09:30 | 1.552 |
| 22.11.2020 | 09:30 | 09:45 | 1.615 |
| 22.11.2020 | 09:45 | 10:00 | 1.681 |
| 22.11.2020 | 10:00 | 10:15 | 1.767 |
| 22.11.2020 | 10:15 | 10:30 | 1.833 |
| 22.11.2020 | 10:30 | 10:45 | 1.871 |
| 22.11.2020 | 10:45 | 11:00 | 1.940 |
| 22.11.2020 | 11:00 | 11:15 | 2.023 |
| 22.11.2020 | 11:15 | 11:30 | 2.088 |
| 22.11.2020 | 11:30 | 11:45 | 2.163 |
| 22.11.2020 | 11:45 | 12:00 | 2.212 |
| 22.11.2020 | 12:00 | 12:15 | 2.255 |
| 22.11.2020 | 12:15 | 12:30 | 2.253 |
| 22.11.2020 | 12:30 | 12:45 | 2.258 |
| 22.11.2020 | 12:45 | 13:00 | 2.228 |
| 22.11.2020 | 13:00 | 13:15 | 2.219 |
| 22.11.2020 | 13:15 | 13:30 | 2.182 |
| 22.11.2020 | 13:30 | 13:45 | 2.164 |
| 22.11.2020 | 13:45 | 14:00 | 2.124 |
| 22.11.2020 | 14:00 | 14:15 | 2.088 |
| 22.11.2020 | 14:15 | 14:30 | 2.071 |
| 22.11.2020 | 14:30 | 14:45 | 2.069 |
| 22.11.2020 | 14:45 | 15:00 | 2.060 |
| 22.11.2020 | 15:00 | 15:15 | 2.043 |
| 22.11.2020 | 15:15 | 15:30 | 2.054 |
| 22.11.2020 | 15:30 | 15:45 | 2.041 |
| 22.11.2020 | 15:45 | 16:00 | 2.016 |
| 22.11.2020 | 16:00 | 16:15 | 2.044 |
| 22.11.2020 | 16:15 | 16:30 | 2.041 |
| 22.11.2020 | 16:30 | 16:45 | 2.081 |
| 22.11.2020 | 16:45 | 17:00 | 2.146 |
| 22.11.2020 | 17:00 | 17:15 | 2.256 |
| 22.11.2020 | 17:15 | 17:30 | 2.276 |
| 22.11.2020 | 17:30 | 17:45 | 2.359 |
| 22.11.2020 | 17:45 | 18:00 | 2.364 |
| 22.11.2020 | 18:00 | 18:15 | 2.375 |
| 22.11.2020 | 18:15 | 18:30 | 2.347 |
| 22.11.2020 | 18:30 | 18:45 | 2.295 |
| 22.11.2020 | 18:45 | 19:00 | 2.267 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 22.11.2020 | 19:00 | 19:15 | 2.224 |
| 22.11.2020 | 19:15 | 19:30 | 2.160 |
| 22.11.2020 | 19:30 | 19:45 | 2.114 |
| 22.11.2020 | 19:45 | 20:00 | 2.016 |
| 22.11.2020 | 20:00 | 20:15 | 1.970 |
| 22.11.2020 | 20:15 | 20:30 | 1.903 |
| 22.11.2020 | 20:30 | 20:45 | 1.828 |
| 22.11.2020 | 20:45 | 21:00 | 1.743 |
| 22.11.2020 | 21:00 | 21:15 | 1.667 |
| 22.11.2020 | 21:15 | 21:30 | 1.591 |
| 22.11.2020 | 21:30 | 21:45 | 1.549 |
| 22.11.2020 | 21:45 | 22:00 | 1.522 |
| 22.11.2020 | 22:00 | 22:15 | 1.571 |
| 22.11.2020 | 22:15 | 22:30 | 1.531 |
| 22.11.2020 | 22:30 | 22:45 | 1.471 |
| 22.11.2020 | 22:45 | 23:00 | 1.419 |
| 22.11.2020 | 23:00 | 23:15 | 1.364 |
| 22.11.2020 | 23:15 | 23:30 | 1.311 |
| 22.11.2020 | 23:30 | 23:45 | 1.257 |
| 22.11.2020 | 23:45 | 00:00 | 1.209 |
| 23.11.2020 | 00:00 | 00:15 | 1.161 |
| 23.11.2020 | 00:15 | 00:30 | 1.128 |
| 23.11.2020 | 00:30 | 00:45 | 1.098 |
| 23.11.2020 | 00:45 | 01:00 | 1.072 |
| 23.11.2020 | 01:00 | 01:15 | 1.055 |
| 23.11.2020 | 01:15 | 01:30 | 1.032 |
| 23.11.2020 | 01:30 | 01:45 | 1.014 |
| 23.11.2020 | 01:45 | 02:00 | 1.017 |
| 23.11.2020 | 02:00 | 02:15 | 1.002 |
| 23.11.2020 | 02:15 | 02:30 | 999 |
| 23.11.2020 | 02:30 | 02:45 | 995 |
| 23.11.2020 | 02:45 | 03:00 | 1.002 |
| 23.11.2020 | 03:00 | 03:15 | 1.004 |
| 23.11.2020 | 03:15 | 03:30 | 1.003 |
| 23.11.2020 | 03:30 | 03:45 | 1.013 |
| 23.11.2020 | 03:45 | 04:00 | 1.032 |
| 23.11.2020 | 04:00 | 04:15 | 1.063 |
| 23.11.2020 | 04:15 | 04:30 | 1.093 |
| 23.11.2020 | 04:30 | 04:45 | 1.127 |
| 23.11.2020 | 04:45 | 05:00 | 1.165 |
| 23.11.2020 | 05:00 | 05:15 | 1.230 |
| 23.11.2020 | 05:15 | 05:30 | 1.282 |
| 23.11.2020 | 05:30 | 05:45 | 1.357 |
| 23.11.2020 | 05:45 | 06:00 | 1.458 |
| 23.11.2020 | 06:00 | 06:15 | 1.615 |
| 23.11.2020 | 06:15 | 06:30 | 1.751 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | Summe in kWh: | 15.967.502 |
|---|---|---|---|
| | | | kW |
| 23.11.2020 | 06:30 | 06:45 | 1.893 |
| 23.11.2020 | 06:45 | 07:00 | 1.992 |
| 23.11.2020 | 07:00 | 07:15 | 2.126 |
| 23.11.2020 | 07:15 | 07:30 | 2.220 |
| 23.11.2020 | 07:30 | 07:45 | 2.245 |
| 23.11.2020 | 07:45 | 08:00 | 2.208 |
| 23.11.2020 | 08:00 | 08:15 | 2.281 |
| 23.11.2020 | 08:15 | 08:30 | 2.317 |
| 23.11.2020 | 08:30 | 08:45 | 2.324 |
| 23.11.2020 | 08:45 | 09:00 | 2.324 |
| 23.11.2020 | 09:00 | 09:15 | 2.382 |
| 23.11.2020 | 09:15 | 09:30 | 2.370 |
| 23.11.2020 | 09:30 | 09:45 | 2.382 |
| 23.11.2020 | 09:45 | 10:00 | 2.408 |
| 23.11.2020 | 10:00 | 10:15 | 2.443 |
| 23.11.2020 | 10:15 | 10:30 | 2.446 |
| 23.11.2020 | 10:30 | 10:45 | 2.471 |
| 23.11.2020 | 10:45 | 11:00 | 2.492 |
| 23.11.2020 | 11:00 | 11:15 | 2.523 |
| 23.11.2020 | 11:15 | 11:30 | 2.524 |
| 23.11.2020 | 11:30 | 11:45 | 2.531 |
| 23.11.2020 | 11:45 | 12:00 | 2.559 |
| 23.11.2020 | 12:00 | 12:15 | 2.587 |
| 23.11.2020 | 12:15 | 12:30 | 2.607 |
| 23.11.2020 | 12:30 | 12:45 | 2.557 |
| 23.11.2020 | 12:45 | 13:00 | 2.551 |
| 23.11.2020 | 13:00 | 13:15 | 2.527 |
| 23.11.2020 | 13:15 | 13:30 | 2.498 |
| 23.11.2020 | 13:30 | 13:45 | 2.500 |
| 23.11.2020 | 13:45 | 14:00 | 2.470 |
| 23.11.2020 | 14:00 | 14:15 | 2.460 |
| 23.11.2020 | 14:15 | 14:30 | 2.472 |
| 23.11.2020 | 14:30 | 14:45 | 2.443 |
| 23.11.2020 | 14:45 | 15:00 | 2.454 |
| 23.11.2020 | 15:00 | 15:15 | 2.434 |
| 23.11.2020 | 15:15 | 15:30 | 2.419 |
| 23.11.2020 | 15:30 | 15:45 | 2.439 |
| 23.11.2020 | 15:45 | 16:00 | 2.478 |
| 23.11.2020 | 16:00 | 16:15 | 2.519 |
| 23.11.2020 | 16:15 | 16:30 | 2.606 |
| 23.11.2020 | 16:30 | 16:45 | 2.715 |
| 23.11.2020 | 16:45 | 17:00 | 2.884 |
| 23.11.2020 | 17:00 | 17:15 | 3.036 |
| 23.11.2020 | 17:15 | 17:30 | 3.109 |
| 23.11.2020 | 17:30 | 17:45 | 3.149 |
| 23.11.2020 | 17:45 | 18:00 | 3.182 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.11.2020 | 18:00 | 18:15 | 3.149 |
| 23.11.2020 | 18:15 | 18:30 | 3.128 |
| 23.11.2020 | 18:30 | 18:45 | 3.057 |
| 23.11.2020 | 18:45 | 19:00 | 3.043 |
| 23.11.2020 | 19:00 | 19:15 | 2.978 |
| 23.11.2020 | 19:15 | 19:30 | 2.902 |
| 23.11.2020 | 19:30 | 19:45 | 2.839 |
| 23.11.2020 | 19:45 | 20:00 | 2.731 |
| 23.11.2020 | 20:00 | 20:15 | 2.548 |
| 23.11.2020 | 20:15 | 20:30 | 2.423 |
| 23.11.2020 | 20:30 | 20:45 | 2.347 |
| 23.11.2020 | 20:45 | 21:00 | 2.232 |
| 23.11.2020 | 21:00 | 21:15 | 2.170 |
| 23.11.2020 | 21:15 | 21:30 | 2.056 |
| 23.11.2020 | 21:30 | 21:45 | 1.955 |
| 23.11.2020 | 21:45 | 22:00 | 1.888 |
| 23.11.2020 | 22:00 | 22:15 | 1.965 |
| 23.11.2020 | 22:15 | 22:30 | 1.901 |
| 23.11.2020 | 22:30 | 22:45 | 1.831 |
| 23.11.2020 | 22:45 | 23:00 | 1.769 |
| 23.11.2020 | 23:00 | 23:15 | 1.706 |
| 23.11.2020 | 23:15 | 23:30 | 1.624 |
| 23.11.2020 | 23:30 | 23:45 | 1.558 |
| 23.11.2020 | 23:45 | 00:00 | 1.472 |
| 24.11.2020 | 00:00 | 00:15 | 1.380 |
| 24.11.2020 | 00:15 | 00:30 | 1.347 |
| 24.11.2020 | 00:30 | 00:45 | 1.309 |
| 24.11.2020 | 00:45 | 01:00 | 1.264 |
| 24.11.2020 | 01:00 | 01:15 | 1.222 |
| 24.11.2020 | 01:15 | 01:30 | 1.206 |
| 24.11.2020 | 01:30 | 01:45 | 1.180 |
| 24.11.2020 | 01:45 | 02:00 | 1.166 |
| 24.11.2020 | 02:00 | 02:15 | 1.141 |
| 24.11.2020 | 02:15 | 02:30 | 1.114 |
| 24.11.2020 | 02:30 | 02:45 | 1.103 |
| 24.11.2020 | 02:45 | 03:00 | 1.104 |
| 24.11.2020 | 03:00 | 03:15 | 1.121 |
| 24.11.2020 | 03:15 | 03:30 | 1.126 |
| 24.11.2020 | 03:30 | 03:45 | 1.115 |
| 24.11.2020 | 03:45 | 04:00 | 1.108 |
| 24.11.2020 | 04:00 | 04:15 | 1.147 |
| 24.11.2020 | 04:15 | 04:30 | 1.187 |
| 24.11.2020 | 04:30 | 04:45 | 1.221 |
| 24.11.2020 | 04:45 | 05:00 | 1.260 |
| 24.11.2020 | 05:00 | 05:15 | 1.322 |
| 24.11.2020 | 05:15 | 05:30 | 1.367 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.11.2020 | 05:30 | 05:45 | 1.452 |
| 24.11.2020 | 05:45 | 06:00 | 1.542 |
| 24.11.2020 | 06:00 | 06:15 | 1.649 |
| 24.11.2020 | 06:15 | 06:30 | 1.785 |
| 24.11.2020 | 06:30 | 06:45 | 1.902 |
| 24.11.2020 | 06:45 | 07:00 | 2.011 |
| 24.11.2020 | 07:00 | 07:15 | 2.155 |
| 24.11.2020 | 07:15 | 07:30 | 2.246 |
| 24.11.2020 | 07:30 | 07:45 | 2.311 |
| 24.11.2020 | 07:45 | 08:00 | 2.301 |
| 24.11.2020 | 08:00 | 08:15 | 2.304 |
| 24.11.2020 | 08:15 | 08:30 | 2.350 |
| 24.11.2020 | 08:30 | 08:45 | 2.403 |
| 24.11.2020 | 08:45 | 09:00 | 2.426 |
| 24.11.2020 | 09:00 | 09:15 | 2.462 |
| 24.11.2020 | 09:15 | 09:30 | 2.471 |
| 24.11.2020 | 09:30 | 09:45 | 2.482 |
| 24.11.2020 | 09:45 | 10:00 | 2.535 |
| 24.11.2020 | 10:00 | 10:15 | 2.554 |
| 24.11.2020 | 10:15 | 10:30 | 2.555 |
| 24.11.2020 | 10:30 | 10:45 | 2.551 |
| 24.11.2020 | 10:45 | 11:00 | 2.565 |
| 24.11.2020 | 11:00 | 11:15 | 2.588 |
| 24.11.2020 | 11:15 | 11:30 | 2.610 |
| 24.11.2020 | 11:30 | 11:45 | 2.631 |
| 24.11.2020 | 11:45 | 12:00 | 2.632 |
| 24.11.2020 | 12:00 | 12:15 | 2.700 |
| 24.11.2020 | 12:15 | 12:30 | 2.748 |
| 24.11.2020 | 12:30 | 12:45 | 2.672 |
| 24.11.2020 | 12:45 | 13:00 | 2.673 |
| 24.11.2020 | 13:00 | 13:15 | 2.656 |
| 24.11.2020 | 13:15 | 13:30 | 2.640 |
| 24.11.2020 | 13:30 | 13:45 | 2.606 |
| 24.11.2020 | 13:45 | 14:00 | 2.536 |
| 24.11.2020 | 14:00 | 14:15 | 2.494 |
| 24.11.2020 | 14:15 | 14:30 | 2.489 |
| 24.11.2020 | 14:30 | 14:45 | 2.474 |
| 24.11.2020 | 14:45 | 15:00 | 2.485 |
| 24.11.2020 | 15:00 | 15:15 | 2.472 |
| 24.11.2020 | 15:15 | 15:30 | 2.441 |
| 24.11.2020 | 15:30 | 15:45 | 2.444 |
| 24.11.2020 | 15:45 | 16:00 | 2.441 |
| 24.11.2020 | 16:00 | 16:15 | 2.484 |
| 24.11.2020 | 16:15 | 16:30 | 2.568 |
| 24.11.2020 | 16:30 | 16:45 | 2.696 |
| 24.11.2020 | 16:45 | 17:00 | 2.811 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.11.2020 | 17:00 | 17:15 | 2.936 |
| 24.11.2020 | 17:15 | 17:30 | 2.976 |
| 24.11.2020 | 17:30 | 17:45 | 3.023 |
| 24.11.2020 | 17:45 | 18:00 | 3.051 |
| 24.11.2020 | 18:00 | 18:15 | 3.009 |
| 24.11.2020 | 18:15 | 18:30 | 3.004 |
| 24.11.2020 | 18:30 | 18:45 | 2.982 |
| 24.11.2020 | 18:45 | 19:00 | 2.969 |
| 24.11.2020 | 19:00 | 19:15 | 2.875 |
| 24.11.2020 | 19:15 | 19:30 | 2.826 |
| 24.11.2020 | 19:30 | 19:45 | 2.712 |
| 24.11.2020 | 19:45 | 20:00 | 2.617 |
| 24.11.2020 | 20:00 | 20:15 | 2.511 |
| 24.11.2020 | 20:15 | 20:30 | 2.407 |
| 24.11.2020 | 20:30 | 20:45 | 2.326 |
| 24.11.2020 | 20:45 | 21:00 | 2.207 |
| 24.11.2020 | 21:00 | 21:15 | 2.111 |
| 24.11.2020 | 21:15 | 21:30 | 2.070 |
| 24.11.2020 | 21:30 | 21:45 | 1.976 |
| 24.11.2020 | 21:45 | 22:00 | 1.882 |
| 24.11.2020 | 22:00 | 22:15 | 1.922 |
| 24.11.2020 | 22:15 | 22:30 | 1.882 |
| 24.11.2020 | 22:30 | 22:45 | 1.810 |
| 24.11.2020 | 22:45 | 23:00 | 1.778 |
| 24.11.2020 | 23:00 | 23:15 | 1.694 |
| 24.11.2020 | 23:15 | 23:30 | 1.644 |
| 24.11.2020 | 23:30 | 23:45 | 1.571 |
| 24.11.2020 | 23:45 | 00:00 | 1.517 |
| 25.11.2020 | 00:00 | 00:15 | 1.450 |
| 25.11.2020 | 00:15 | 00:30 | 1.392 |
| 25.11.2020 | 00:30 | 00:45 | 1.361 |
| 25.11.2020 | 00:45 | 01:00 | 1.316 |
| 25.11.2020 | 01:00 | 01:15 | 1.277 |
| 25.11.2020 | 01:15 | 01:30 | 1.245 |
| 25.11.2020 | 01:30 | 01:45 | 1.183 |
| 25.11.2020 | 01:45 | 02:00 | 1.161 |
| 25.11.2020 | 02:00 | 02:15 | 1.140 |
| 25.11.2020 | 02:15 | 02:30 | 1.129 |
| 25.11.2020 | 02:30 | 02:45 | 1.118 |
| 25.11.2020 | 02:45 | 03:00 | 1.115 |
| 25.11.2020 | 03:00 | 03:15 | 1.122 |
| 25.11.2020 | 03:15 | 03:30 | 1.122 |
| 25.11.2020 | 03:30 | 03:45 | 1.124 |
| 25.11.2020 | 03:45 | 04:00 | 1.126 |
| 25.11.2020 | 04:00 | 04:15 | 1.140 |
| 25.11.2020 | 04:15 | 04:30 | 1.187 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.11.2020 | 04:30 | 04:45 | 1.226 |
| 25.11.2020 | 04:45 | 05:00 | 1.255 |
| 25.11.2020 | 05:00 | 05:15 | 1.311 |
| 25.11.2020 | 05:15 | 05:30 | 1.361 |
| 25.11.2020 | 05:30 | 05:45 | 1.448 |
| 25.11.2020 | 05:45 | 06:00 | 1.552 |
| 25.11.2020 | 06:00 | 06:15 | 1.676 |
| 25.11.2020 | 06:15 | 06:30 | 1.795 |
| 25.11.2020 | 06:30 | 06:45 | 1.938 |
| 25.11.2020 | 06:45 | 07:00 | 2.042 |
| 25.11.2020 | 07:00 | 07:15 | 2.192 |
| 25.11.2020 | 07:15 | 07:30 | 2.272 |
| 25.11.2020 | 07:30 | 07:45 | 2.292 |
| 25.11.2020 | 07:45 | 08:00 | 2.296 |
| 25.11.2020 | 08:00 | 08:15 | 2.360 |
| 25.11.2020 | 08:15 | 08:30 | 2.387 |
| 25.11.2020 | 08:30 | 08:45 | 2.431 |
| 25.11.2020 | 08:45 | 09:00 | 2.460 |
| 25.11.2020 | 09:00 | 09:15 | 2.481 |
| 25.11.2020 | 09:15 | 09:30 | 2.481 |
| 25.11.2020 | 09:30 | 09:45 | 2.496 |
| 25.11.2020 | 09:45 | 10:00 | 2.469 |
| 25.11.2020 | 10:00 | 10:15 | 2.527 |
| 25.11.2020 | 10:15 | 10:30 | 2.512 |
| 25.11.2020 | 10:30 | 10:45 | 2.491 |
| 25.11.2020 | 10:45 | 11:00 | 2.527 |
| 25.11.2020 | 11:00 | 11:15 | 2.505 |
| 25.11.2020 | 11:15 | 11:30 | 2.558 |
| 25.11.2020 | 11:30 | 11:45 | 2.577 |
| 25.11.2020 | 11:45 | 12:00 | 2.571 |
| 25.11.2020 | 12:00 | 12:15 | 2.611 |
| 25.11.2020 | 12:15 | 12:30 | 2.611 |
| 25.11.2020 | 12:30 | 12:45 | 2.610 |
| 25.11.2020 | 12:45 | 13:00 | 2.589 |
| 25.11.2020 | 13:00 | 13:15 | 2.633 |
| 25.11.2020 | 13:15 | 13:30 | 2.577 |
| 25.11.2020 | 13:30 | 13:45 | 2.567 |
| 25.11.2020 | 13:45 | 14:00 | 2.544 |
| 25.11.2020 | 14:00 | 14:15 | 2.548 |
| 25.11.2020 | 14:15 | 14:30 | 2.498 |
| 25.11.2020 | 14:30 | 14:45 | 2.496 |
| 25.11.2020 | 14:45 | 15:00 | 2.503 |
| 25.11.2020 | 15:00 | 15:15 | 2.475 |
| 25.11.2020 | 15:15 | 15:30 | 2.445 |
| 25.11.2020 | 15:30 | 15:45 | 2.433 |
| 25.11.2020 | 15:45 | 16:00 | 2.443 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.11.2020 | 16:00 | 16:15 | 2.524 |
| 25.11.2020 | 16:15 | 16:30 | 2.669 |
| 25.11.2020 | 16:30 | 16:45 | 2.808 |
| 25.11.2020 | 16:45 | 17:00 | 2.931 |
| 25.11.2020 | 17:00 | 17:15 | 3.030 |
| 25.11.2020 | 17:15 | 17:30 | 3.081 |
| 25.11.2020 | 17:30 | 17:45 | 3.078 |
| 25.11.2020 | 17:45 | 18:00 | 3.120 |
| 25.11.2020 | 18:00 | 18:15 | 3.075 |
| 25.11.2020 | 18:15 | 18:30 | 3.062 |
| 25.11.2020 | 18:30 | 18:45 | 2.992 |
| 25.11.2020 | 18:45 | 19:00 | 2.946 |
| 25.11.2020 | 19:00 | 19:15 | 2.877 |
| 25.11.2020 | 19:15 | 19:30 | 2.821 |
| 25.11.2020 | 19:30 | 19:45 | 2.746 |
| 25.11.2020 | 19:45 | 20:00 | 2.645 |
| 25.11.2020 | 20:00 | 20:15 | 2.508 |
| 25.11.2020 | 20:15 | 20:30 | 2.381 |
| 25.11.2020 | 20:30 | 20:45 | 2.296 |
| 25.11.2020 | 20:45 | 21:00 | 2.218 |
| 25.11.2020 | 21:00 | 21:15 | 2.159 |
| 25.11.2020 | 21:15 | 21:30 | 2.029 |
| 25.11.2020 | 21:30 | 21:45 | 1.902 |
| 25.11.2020 | 21:45 | 22:00 | 1.813 |
| 25.11.2020 | 22:00 | 22:15 | 1.834 |
| 25.11.2020 | 22:15 | 22:30 | 1.806 |
| 25.11.2020 | 22:30 | 22:45 | 1.735 |
| 25.11.2020 | 22:45 | 23:00 | 1.668 |
| 25.11.2020 | 23:00 | 23:15 | 1.597 |
| 25.11.2020 | 23:15 | 23:30 | 1.531 |
| 25.11.2020 | 23:30 | 23:45 | 1.428 |
| 25.11.2020 | 23:45 | 00:00 | 1.379 |
| 26.11.2020 | 00:00 | 00:15 | 1.332 |
| 26.11.2020 | 00:15 | 00:30 | 1.290 |
| 26.11.2020 | 00:30 | 00:45 | 1.256 |
| 26.11.2020 | 00:45 | 01:00 | 1.222 |
| 26.11.2020 | 01:00 | 01:15 | 1.183 |
| 26.11.2020 | 01:15 | 01:30 | 1.156 |
| 26.11.2020 | 01:30 | 01:45 | 1.129 |
| 26.11.2020 | 01:45 | 02:00 | 1.114 |
| 26.11.2020 | 02:00 | 02:15 | 1.113 |
| 26.11.2020 | 02:15 | 02:30 | 1.084 |
| 26.11.2020 | 02:30 | 02:45 | 1.070 |
| 26.11.2020 | 02:45 | 03:00 | 1.066 |
| 26.11.2020 | 03:00 | 03:15 | 1.066 |
| 26.11.2020 | 03:15 | 03:30 | 1.091 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.11.2020 | 03:30 | 03:45 | 1.097 |
| 26.11.2020 | 03:45 | 04:00 | 1.091 |
| 26.11.2020 | 04:00 | 04:15 | 1.126 |
| 26.11.2020 | 04:15 | 04:30 | 1.170 |
| 26.11.2020 | 04:30 | 04:45 | 1.205 |
| 26.11.2020 | 04:45 | 05:00 | 1.225 |
| 26.11.2020 | 05:00 | 05:15 | 1.279 |
| 26.11.2020 | 05:15 | 05:30 | 1.336 |
| 26.11.2020 | 05:30 | 05:45 | 1.410 |
| 26.11.2020 | 05:45 | 06:00 | 1.511 |
| 26.11.2020 | 06:00 | 06:15 | 1.629 |
| 26.11.2020 | 06:15 | 06:30 | 1.803 |
| 26.11.2020 | 06:30 | 06:45 | 1.895 |
| 26.11.2020 | 06:45 | 07:00 | 1.985 |
| 26.11.2020 | 07:00 | 07:15 | 2.121 |
| 26.11.2020 | 07:15 | 07:30 | 2.221 |
| 26.11.2020 | 07:30 | 07:45 | 2.290 |
| 26.11.2020 | 07:45 | 08:00 | 2.281 |
| 26.11.2020 | 08:00 | 08:15 | 2.353 |
| 26.11.2020 | 08:15 | 08:30 | 2.344 |
| 26.11.2020 | 08:30 | 08:45 | 2.390 |
| 26.11.2020 | 08:45 | 09:00 | 2.410 |
| 26.11.2020 | 09:00 | 09:15 | 2.498 |
| 26.11.2020 | 09:15 | 09:30 | 2.502 |
| 26.11.2020 | 09:30 | 09:45 | 2.532 |
| 26.11.2020 | 09:45 | 10:00 | 2.572 |
| 26.11.2020 | 10:00 | 10:15 | 2.599 |
| 26.11.2020 | 10:15 | 10:30 | 2.592 |
| 26.11.2020 | 10:30 | 10:45 | 2.602 |
| 26.11.2020 | 10:45 | 11:00 | 2.642 |
| 26.11.2020 | 11:00 | 11:15 | 2.678 |
| 26.11.2020 | 11:15 | 11:30 | 2.712 |
| 26.11.2020 | 11:30 | 11:45 | 2.713 |
| 26.11.2020 | 11:45 | 12:00 | 2.757 |
| 26.11.2020 | 12:00 | 12:15 | 2.805 |
| 26.11.2020 | 12:15 | 12:30 | 2.820 |
| 26.11.2020 | 12:30 | 12:45 | 2.822 |
| 26.11.2020 | 12:45 | 13:00 | 2.817 |
| 26.11.2020 | 13:00 | 13:15 | 2.813 |
| 26.11.2020 | 13:15 | 13:30 | 2.773 |
| 26.11.2020 | 13:30 | 13:45 | 2.755 |
| 26.11.2020 | 13:45 | 14:00 | 2.732 |
| 26.11.2020 | 14:00 | 14:15 | 2.727 |
| 26.11.2020 | 14:15 | 14:30 | 2.705 |
| 26.11.2020 | 14:30 | 14:45 | 2.698 |
| 26.11.2020 | 14:45 | 15:00 | 2.704 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.11.2020 | 15:00 | 15:15 | 2.696 |
| 26.11.2020 | 15:15 | 15:30 | 2.658 |
| 26.11.2020 | 15:30 | 15:45 | 2.645 |
| 26.11.2020 | 15:45 | 16:00 | 2.663 |
| 26.11.2020 | 16:00 | 16:15 | 2.707 |
| 26.11.2020 | 16:15 | 16:30 | 2.798 |
| 26.11.2020 | 16:30 | 16:45 | 2.882 |
| 26.11.2020 | 16:45 | 17:00 | 3.003 |
| 26.11.2020 | 17:00 | 17:15 | 3.079 |
| 26.11.2020 | 17:15 | 17:30 | 3.139 |
| 26.11.2020 | 17:30 | 17:45 | 3.148 |
| 26.11.2020 | 17:45 | 18:00 | 3.143 |
| 26.11.2020 | 18:00 | 18:15 | 3.099 |
| 26.11.2020 | 18:15 | 18:30 | 3.043 |
| 26.11.2020 | 18:30 | 18:45 | 3.029 |
| 26.11.2020 | 18:45 | 19:00 | 3.063 |
| 26.11.2020 | 19:00 | 19:15 | 2.957 |
| 26.11.2020 | 19:15 | 19:30 | 2.872 |
| 26.11.2020 | 19:30 | 19:45 | 2.771 |
| 26.11.2020 | 19:45 | 20:00 | 2.719 |
| 26.11.2020 | 20:00 | 20:15 | 2.534 |
| 26.11.2020 | 20:15 | 20:30 | 2.458 |
| 26.11.2020 | 20:30 | 20:45 | 2.346 |
| 26.11.2020 | 20:45 | 21:00 | 2.251 |
| 26.11.2020 | 21:00 | 21:15 | 2.125 |
| 26.11.2020 | 21:15 | 21:30 | 2.054 |
| 26.11.2020 | 21:30 | 21:45 | 1.975 |
| 26.11.2020 | 21:45 | 22:00 | 1.891 |
| 26.11.2020 | 22:00 | 22:15 | 1.913 |
| 26.11.2020 | 22:15 | 22:30 | 1.857 |
| 26.11.2020 | 22:30 | 22:45 | 1.818 |
| 26.11.2020 | 22:45 | 23:00 | 1.754 |
| 26.11.2020 | 23:00 | 23:15 | 1.652 |
| 26.11.2020 | 23:15 | 23:30 | 1.593 |
| 26.11.2020 | 23:30 | 23:45 | 1.526 |
| 26.11.2020 | 23:45 | 00:00 | 1.468 |
| 27.11.2020 | 00:00 | 00:15 | 1.396 |
| 27.11.2020 | 00:15 | 00:30 | 1.358 |
| 27.11.2020 | 00:30 | 00:45 | 1.319 |
| 27.11.2020 | 00:45 | 01:00 | 1.290 |
| 27.11.2020 | 01:00 | 01:15 | 1.262 |
| 27.11.2020 | 01:15 | 01:30 | 1.231 |
| 27.11.2020 | 01:30 | 01:45 | 1.195 |
| 27.11.2020 | 01:45 | 02:00 | 1.184 |
| 27.11.2020 | 02:00 | 02:15 | 1.160 |
| 27.11.2020 | 02:15 | 02:30 | 1.137 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.11.2020 | 02:30 | 02:45 | 1.127 |
| 27.11.2020 | 02:45 | 03:00 | 1.120 |
| 27.11.2020 | 03:00 | 03:15 | 1.116 |
| 27.11.2020 | 03:15 | 03:30 | 1.129 |
| 27.11.2020 | 03:30 | 03:45 | 1.129 |
| 27.11.2020 | 03:45 | 04:00 | 1.137 |
| 27.11.2020 | 04:00 | 04:15 | 1.159 |
| 27.11.2020 | 04:15 | 04:30 | 1.191 |
| 27.11.2020 | 04:30 | 04:45 | 1.237 |
| 27.11.2020 | 04:45 | 05:00 | 1.257 |
| 27.11.2020 | 05:00 | 05:15 | 1.305 |
| 27.11.2020 | 05:15 | 05:30 | 1.354 |
| 27.11.2020 | 05:30 | 05:45 | 1.436 |
| 27.11.2020 | 05:45 | 06:00 | 1.522 |
| 27.11.2020 | 06:00 | 06:15 | 1.639 |
| 27.11.2020 | 06:15 | 06:30 | 1.794 |
| 27.11.2020 | 06:30 | 06:45 | 1.908 |
| 27.11.2020 | 06:45 | 07:00 | 2.021 |
| 27.11.2020 | 07:00 | 07:15 | 2.161 |
| 27.11.2020 | 07:15 | 07:30 | 2.231 |
| 27.11.2020 | 07:30 | 07:45 | 2.314 |
| 27.11.2020 | 07:45 | 08:00 | 2.306 |
| 27.11.2020 | 08:00 | 08:15 | 2.356 |
| 27.11.2020 | 08:15 | 08:30 | 2.413 |
| 27.11.2020 | 08:30 | 08:45 | 2.474 |
| 27.11.2020 | 08:45 | 09:00 | 2.471 |
| 27.11.2020 | 09:00 | 09:15 | 2.473 |
| 27.11.2020 | 09:15 | 09:30 | 2.529 |
| 27.11.2020 | 09:30 | 09:45 | 2.526 |
| 27.11.2020 | 09:45 | 10:00 | 2.579 |
| 27.11.2020 | 10:00 | 10:15 | 2.580 |
| 27.11.2020 | 10:15 | 10:30 | 2.524 |
| 27.11.2020 | 10:30 | 10:45 | 2.546 |
| 27.11.2020 | 10:45 | 11:00 | 2.568 |
| 27.11.2020 | 11:00 | 11:15 | 2.565 |
| 27.11.2020 | 11:15 | 11:30 | 2.529 |
| 27.11.2020 | 11:30 | 11:45 | 2.520 |
| 27.11.2020 | 11:45 | 12:00 | 2.558 |
| 27.11.2020 | 12:00 | 12:15 | 2.566 |
| 27.11.2020 | 12:15 | 12:30 | 2.599 |
| 27.11.2020 | 12:30 | 12:45 | 2.599 |
| 27.11.2020 | 12:45 | 13:00 | 2.592 |
| 27.11.2020 | 13:00 | 13:15 | 2.584 |
| 27.11.2020 | 13:15 | 13:30 | 2.559 |
| 27.11.2020 | 13:30 | 13:45 | 2.568 |
| 27.11.2020 | 13:45 | 14:00 | 2.504 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.11.2020 | 14:00 | 14:15 | 2.478 |
| 27.11.2020 | 14:15 | 14:30 | 2.449 |
| 27.11.2020 | 14:30 | 14:45 | 2.438 |
| 27.11.2020 | 14:45 | 15:00 | 2.423 |
| 27.11.2020 | 15:00 | 15:15 | 2.410 |
| 27.11.2020 | 15:15 | 15:30 | 2.380 |
| 27.11.2020 | 15:30 | 15:45 | 2.404 |
| 27.11.2020 | 15:45 | 16:00 | 2.427 |
| 27.11.2020 | 16:00 | 16:15 | 2.466 |
| 27.11.2020 | 16:15 | 16:30 | 2.522 |
| 27.11.2020 | 16:30 | 16:45 | 2.659 |
| 27.11.2020 | 16:45 | 17:00 | 2.823 |
| 27.11.2020 | 17:00 | 17:15 | 2.928 |
| 27.11.2020 | 17:15 | 17:30 | 2.985 |
| 27.11.2020 | 17:30 | 17:45 | 3.001 |
| 27.11.2020 | 17:45 | 18:00 | 3.040 |
| 27.11.2020 | 18:00 | 18:15 | 3.015 |
| 27.11.2020 | 18:15 | 18:30 | 3.005 |
| 27.11.2020 | 18:30 | 18:45 | 2.968 |
| 27.11.2020 | 18:45 | 19:00 | 3.031 |
| 27.11.2020 | 19:00 | 19:15 | 2.963 |
| 27.11.2020 | 19:15 | 19:30 | 2.874 |
| 27.11.2020 | 19:30 | 19:45 | 2.783 |
| 27.11.2020 | 19:45 | 20:00 | 2.714 |
| 27.11.2020 | 20:00 | 20:15 | 2.585 |
| 27.11.2020 | 20:15 | 20:30 | 2.466 |
| 27.11.2020 | 20:30 | 20:45 | 2.368 |
| 27.11.2020 | 20:45 | 21:00 | 2.308 |
| 27.11.2020 | 21:00 | 21:15 | 2.202 |
| 27.11.2020 | 21:15 | 21:30 | 2.118 |
| 27.11.2020 | 21:30 | 21:45 | 2.006 |
| 27.11.2020 | 21:45 | 22:00 | 1.923 |
| 27.11.2020 | 22:00 | 22:15 | 1.952 |
| 27.11.2020 | 22:15 | 22:30 | 1.915 |
| 27.11.2020 | 22:30 | 22:45 | 1.866 |
| 27.11.2020 | 22:45 | 23:00 | 1.821 |
| 27.11.2020 | 23:00 | 23:15 | 1.744 |
| 27.11.2020 | 23:15 | 23:30 | 1.674 |
| 27.11.2020 | 23:30 | 23:45 | 1.582 |
| 27.11.2020 | 23:45 | 00:00 | 1.522 |
| 28.11.2020 | 00:00 | 00:15 | 1.463 |
| 28.11.2020 | 00:15 | 00:30 | 1.421 |
| 28.11.2020 | 00:30 | 00:45 | 1.345 |
| 28.11.2020 | 00:45 | 01:00 | 1.305 |
| 28.11.2020 | 01:00 | 01:15 | 1.259 |
| 28.11.2020 | 01:15 | 01:30 | 1.220 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.11.2020 | 01:30 | 01:45 | 1.185 |
| 28.11.2020 | 01:45 | 02:00 | 1.144 |
| 28.11.2020 | 02:00 | 02:15 | 1.133 |
| 28.11.2020 | 02:15 | 02:30 | 1.116 |
| 28.11.2020 | 02:30 | 02:45 | 1.137 |
| 28.11.2020 | 02:45 | 03:00 | 1.136 |
| 28.11.2020 | 03:00 | 03:15 | 1.141 |
| 28.11.2020 | 03:15 | 03:30 | 1.128 |
| 28.11.2020 | 03:30 | 03:45 | 1.111 |
| 28.11.2020 | 03:45 | 04:00 | 1.107 |
| 28.11.2020 | 04:00 | 04:15 | 1.125 |
| 28.11.2020 | 04:15 | 04:30 | 1.136 |
| 28.11.2020 | 04:30 | 04:45 | 1.149 |
| 28.11.2020 | 04:45 | 05:00 | 1.170 |
| 28.11.2020 | 05:00 | 05:15 | 1.191 |
| 28.11.2020 | 05:15 | 05:30 | 1.208 |
| 28.11.2020 | 05:30 | 05:45 | 1.226 |
| 28.11.2020 | 05:45 | 06:00 | 1.264 |
| 28.11.2020 | 06:00 | 06:15 | 1.273 |
| 28.11.2020 | 06:15 | 06:30 | 1.308 |
| 28.11.2020 | 06:30 | 06:45 | 1.346 |
| 28.11.2020 | 06:45 | 07:00 | 1.380 |
| 28.11.2020 | 07:00 | 07:15 | 1.434 |
| 28.11.2020 | 07:15 | 07:30 | 1.444 |
| 28.11.2020 | 07:30 | 07:45 | 1.492 |
| 28.11.2020 | 07:45 | 08:00 | 1.530 |
| 28.11.2020 | 08:00 | 08:15 | 1.600 |
| 28.11.2020 | 08:15 | 08:30 | 1.656 |
| 28.11.2020 | 08:30 | 08:45 | 1.739 |
| 28.11.2020 | 08:45 | 09:00 | 1.801 |
| 28.11.2020 | 09:00 | 09:15 | 1.891 |
| 28.11.2020 | 09:15 | 09:30 | 1.945 |
| 28.11.2020 | 09:30 | 09:45 | 2.001 |
| 28.11.2020 | 09:45 | 10:00 | 2.059 |
| 28.11.2020 | 10:00 | 10:15 | 2.112 |
| 28.11.2020 | 10:15 | 10:30 | 2.146 |
| 28.11.2020 | 10:30 | 10:45 | 2.158 |
| 28.11.2020 | 10:45 | 11:00 | 2.201 |
| 28.11.2020 | 11:00 | 11:15 | 2.243 |
| 28.11.2020 | 11:15 | 11:30 | 2.275 |
| 28.11.2020 | 11:30 | 11:45 | 2.274 |
| 28.11.2020 | 11:45 | 12:00 | 2.282 |
| 28.11.2020 | 12:00 | 12:15 | 2.272 |
| 28.11.2020 | 12:15 | 12:30 | 2.288 |
| 28.11.2020 | 12:30 | 12:45 | 2.243 |
| 28.11.2020 | 12:45 | 13:00 | 2.259 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.11.2020 | 13:00 | 13:15 | 2.218 |
| 28.11.2020 | 13:15 | 13:30 | 2.229 |
| 28.11.2020 | 13:30 | 13:45 | 2.194 |
| 28.11.2020 | 13:45 | 14:00 | 2.165 |
| 28.11.2020 | 14:00 | 14:15 | 2.148 |
| 28.11.2020 | 14:15 | 14:30 | 2.116 |
| 28.11.2020 | 14:30 | 14:45 | 2.082 |
| 28.11.2020 | 14:45 | 15:00 | 2.067 |
| 28.11.2020 | 15:00 | 15:15 | 2.080 |
| 28.11.2020 | 15:15 | 15:30 | 2.077 |
| 28.11.2020 | 15:30 | 15:45 | 2.096 |
| 28.11.2020 | 15:45 | 16:00 | 2.086 |
| 28.11.2020 | 16:00 | 16:15 | 2.112 |
| 28.11.2020 | 16:15 | 16:30 | 2.180 |
| 28.11.2020 | 16:30 | 16:45 | 2.283 |
| 28.11.2020 | 16:45 | 17:00 | 2.425 |
| 28.11.2020 | 17:00 | 17:15 | 2.530 |
| 28.11.2020 | 17:15 | 17:30 | 2.557 |
| 28.11.2020 | 17:30 | 17:45 | 2.620 |
| 28.11.2020 | 17:45 | 18:00 | 2.634 |
| 28.11.2020 | 18:00 | 18:15 | 2.634 |
| 28.11.2020 | 18:15 | 18:30 | 2.597 |
| 28.11.2020 | 18:30 | 18:45 | 2.567 |
| 28.11.2020 | 18:45 | 19:00 | 2.516 |
| 28.11.2020 | 19:00 | 19:15 | 2.441 |
| 28.11.2020 | 19:15 | 19:30 | 2.371 |
| 28.11.2020 | 19:30 | 19:45 | 2.329 |
| 28.11.2020 | 19:45 | 20:00 | 2.277 |
| 28.11.2020 | 20:00 | 20:15 | 2.247 |
| 28.11.2020 | 20:15 | 20:30 | 2.147 |
| 28.11.2020 | 20:30 | 20:45 | 2.089 |
| 28.11.2020 | 20:45 | 21:00 | 2.019 |
| 28.11.2020 | 21:00 | 21:15 | 1.957 |
| 28.11.2020 | 21:15 | 21:30 | 1.875 |
| 28.11.2020 | 21:30 | 21:45 | 1.810 |
| 28.11.2020 | 21:45 | 22:00 | 1.770 |
| 28.11.2020 | 22:00 | 22:15 | 1.824 |
| 28.11.2020 | 22:15 | 22:30 | 1.767 |
| 28.11.2020 | 22:30 | 22:45 | 1.717 |
| 28.11.2020 | 22:45 | 23:00 | 1.660 |
| 28.11.2020 | 23:00 | 23:15 | 1.583 |
| 28.11.2020 | 23:15 | 23:30 | 1.472 |
| 28.11.2020 | 23:30 | 23:45 | 1.414 |
| 28.11.2020 | 23:45 | 00:00 | 1.367 |
| 29.11.2020 | 00:00 | 00:15 | 1.302 |
| 29.11.2020 | 00:15 | 00:30 | 1.254 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.11.2020 | 00:30 | 00:45 | 1.201 |
| 29.11.2020 | 00:45 | 01:00 | 1.164 |
| 29.11.2020 | 01:00 | 01:15 | 1.129 |
| 29.11.2020 | 01:15 | 01:30 | 1.100 |
| 29.11.2020 | 01:30 | 01:45 | 1.075 |
| 29.11.2020 | 01:45 | 02:00 | 1.056 |
| 29.11.2020 | 02:00 | 02:15 | 1.043 |
| 29.11.2020 | 02:15 | 02:30 | 1.047 |
| 29.11.2020 | 02:30 | 02:45 | 1.057 |
| 29.11.2020 | 02:45 | 03:00 | 1.051 |
| 29.11.2020 | 03:00 | 03:15 | 1.051 |
| 29.11.2020 | 03:15 | 03:30 | 1.045 |
| 29.11.2020 | 03:30 | 03:45 | 1.037 |
| 29.11.2020 | 03:45 | 04:00 | 1.031 |
| 29.11.2020 | 04:00 | 04:15 | 1.038 |
| 29.11.2020 | 04:15 | 04:30 | 1.034 |
| 29.11.2020 | 04:30 | 04:45 | 1.043 |
| 29.11.2020 | 04:45 | 05:00 | 1.046 |
| 29.11.2020 | 05:00 | 05:15 | 1.058 |
| 29.11.2020 | 05:15 | 05:30 | 1.061 |
| 29.11.2020 | 05:30 | 05:45 | 1.074 |
| 29.11.2020 | 05:45 | 06:00 | 1.096 |
| 29.11.2020 | 06:00 | 06:15 | 1.093 |
| 29.11.2020 | 06:15 | 06:30 | 1.105 |
| 29.11.2020 | 06:30 | 06:45 | 1.130 |
| 29.11.2020 | 06:45 | 07:00 | 1.152 |
| 29.11.2020 | 07:00 | 07:15 | 1.194 |
| 29.11.2020 | 07:15 | 07:30 | 1.226 |
| 29.11.2020 | 07:30 | 07:45 | 1.276 |
| 29.11.2020 | 07:45 | 08:00 | 1.292 |
| 29.11.2020 | 08:00 | 08:15 | 1.353 |
| 29.11.2020 | 08:15 | 08:30 | 1.417 |
| 29.11.2020 | 08:30 | 08:45 | 1.482 |
| 29.11.2020 | 08:45 | 09:00 | 1.570 |
| 29.11.2020 | 09:00 | 09:15 | 1.663 |
| 29.11.2020 | 09:15 | 09:30 | 1.756 |
| 29.11.2020 | 09:30 | 09:45 | 1.833 |
| 29.11.2020 | 09:45 | 10:00 | 1.896 |
| 29.11.2020 | 10:00 | 10:15 | 1.968 |
| 29.11.2020 | 10:15 | 10:30 | 2.046 |
| 29.11.2020 | 10:30 | 10:45 | 2.115 |
| 29.11.2020 | 10:45 | 11:00 | 2.142 |
| 29.11.2020 | 11:00 | 11:15 | 2.177 |
| 29.11.2020 | 11:15 | 11:30 | 2.247 |
| 29.11.2020 | 11:30 | 11:45 | 2.321 |
| 29.11.2020 | 11:45 | 12:00 | 2.353 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.11.2020 | 12:00 | 12:15 | 2.378 |
| 29.11.2020 | 12:15 | 12:30 | 2.286 |
| 29.11.2020 | 12:30 | 12:45 | 2.287 |
| 29.11.2020 | 12:45 | 13:00 | 2.281 |
| 29.11.2020 | 13:00 | 13:15 | 2.238 |
| 29.11.2020 | 13:15 | 13:30 | 2.193 |
| 29.11.2020 | 13:30 | 13:45 | 2.151 |
| 29.11.2020 | 13:45 | 14:00 | 2.100 |
| 29.11.2020 | 14:00 | 14:15 | 2.079 |
| 29.11.2020 | 14:15 | 14:30 | 2.075 |
| 29.11.2020 | 14:30 | 14:45 | 2.043 |
| 29.11.2020 | 14:45 | 15:00 | 2.023 |
| 29.11.2020 | 15:00 | 15:15 | 2.020 |
| 29.11.2020 | 15:15 | 15:30 | 2.013 |
| 29.11.2020 | 15:30 | 15:45 | 2.015 |
| 29.11.2020 | 15:45 | 16:00 | 2.047 |
| 29.11.2020 | 16:00 | 16:15 | 2.096 |
| 29.11.2020 | 16:15 | 16:30 | 2.131 |
| 29.11.2020 | 16:30 | 16:45 | 2.219 |
| 29.11.2020 | 16:45 | 17:00 | 2.344 |
| 29.11.2020 | 17:00 | 17:15 | 2.488 |
| 29.11.2020 | 17:15 | 17:30 | 2.529 |
| 29.11.2020 | 17:30 | 17:45 | 2.580 |
| 29.11.2020 | 17:45 | 18:00 | 2.597 |
| 29.11.2020 | 18:00 | 18:15 | 2.584 |
| 29.11.2020 | 18:15 | 18:30 | 2.562 |
| 29.11.2020 | 18:30 | 18:45 | 2.535 |
| 29.11.2020 | 18:45 | 19:00 | 2.511 |
| 29.11.2020 | 19:00 | 19:15 | 2.469 |
| 29.11.2020 | 19:15 | 19:30 | 2.407 |
| 29.11.2020 | 19:30 | 19:45 | 2.321 |
| 29.11.2020 | 19:45 | 20:00 | 2.268 |
| 29.11.2020 | 20:00 | 20:15 | 2.222 |
| 29.11.2020 | 20:15 | 20:30 | 2.107 |
| 29.11.2020 | 20:30 | 20:45 | 2.026 |
| 29.11.2020 | 20:45 | 21:00 | 1.946 |
| 29.11.2020 | 21:00 | 21:15 | 1.878 |
| 29.11.2020 | 21:15 | 21:30 | 1.787 |
| 29.11.2020 | 21:30 | 21:45 | 1.710 |
| 29.11.2020 | 21:45 | 22:00 | 1.693 |
| 29.11.2020 | 22:00 | 22:15 | 1.751 |
| 29.11.2020 | 22:15 | 22:30 | 1.675 |
| 29.11.2020 | 22:30 | 22:45 | 1.614 |
| 29.11.2020 | 22:45 | 23:00 | 1.551 |
| 29.11.2020 | 23:00 | 23:15 | 1.488 |
| 29.11.2020 | 23:15 | 23:30 | 1.432 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.11.2020 | 23:30 | 23:45 | 1.364 |
| 29.11.2020 | 23:45 | 00:00 | 1.327 |
| 30.11.2020 | 00:00 | 00:15 | 1.274 |
| 30.11.2020 | 00:15 | 00:30 | 1.245 |
| 30.11.2020 | 00:30 | 00:45 | 1.240 |
| 30.11.2020 | 00:45 | 01:00 | 1.210 |
| 30.11.2020 | 01:00 | 01:15 | 1.190 |
| 30.11.2020 | 01:15 | 01:30 | 1.170 |
| 30.11.2020 | 01:30 | 01:45 | 1.151 |
| 30.11.2020 | 01:45 | 02:00 | 1.141 |
| 30.11.2020 | 02:00 | 02:15 | 1.135 |
| 30.11.2020 | 02:15 | 02:30 | 1.113 |
| 30.11.2020 | 02:30 | 02:45 | 1.113 |
| 30.11.2020 | 02:45 | 03:00 | 1.097 |
| 30.11.2020 | 03:00 | 03:15 | 1.101 |
| 30.11.2020 | 03:15 | 03:30 | 1.106 |
| 30.11.2020 | 03:30 | 03:45 | 1.114 |
| 30.11.2020 | 03:45 | 04:00 | 1.117 |
| 30.11.2020 | 04:00 | 04:15 | 1.152 |
| 30.11.2020 | 04:15 | 04:30 | 1.178 |
| 30.11.2020 | 04:30 | 04:45 | 1.213 |
| 30.11.2020 | 04:45 | 05:00 | 1.285 |
| 30.11.2020 | 05:00 | 05:15 | 1.353 |
| 30.11.2020 | 05:15 | 05:30 | 1.407 |
| 30.11.2020 | 05:30 | 05:45 | 1.500 |
| 30.11.2020 | 05:45 | 06:00 | 1.624 |
| 30.11.2020 | 06:00 | 06:15 | 1.780 |
| 30.11.2020 | 06:15 | 06:30 | 1.920 |
| 30.11.2020 | 06:30 | 06:45 | 2.069 |
| 30.11.2020 | 06:45 | 07:00 | 2.189 |
| 30.11.2020 | 07:00 | 07:15 | 2.356 |
| 30.11.2020 | 07:15 | 07:30 | 2.448 |
| 30.11.2020 | 07:30 | 07:45 | 2.388 |
| 30.11.2020 | 07:45 | 08:00 | 2.278 |
| 30.11.2020 | 08:00 | 08:15 | 2.350 |
| 30.11.2020 | 08:15 | 08:30 | 2.389 |
| 30.11.2020 | 08:30 | 08:45 | 2.428 |
| 30.11.2020 | 08:45 | 09:00 | 2.494 |
| 30.11.2020 | 09:00 | 09:15 | 2.547 |
| 30.11.2020 | 09:15 | 09:30 | 2.565 |
| 30.11.2020 | 09:30 | 09:45 | 2.611 |
| 30.11.2020 | 09:45 | 10:00 | 2.621 |
| 30.11.2020 | 10:00 | 10:15 | 2.657 |
| 30.11.2020 | 10:15 | 10:30 | 2.682 |
| 30.11.2020 | 10:30 | 10:45 | 2.730 |
| 30.11.2020 | 10:45 | 11:00 | 2.741 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.11.2020 | 11:00 | 11:15 | 2.733 |
| 30.11.2020 | 11:15 | 11:30 | 2.781 |
| 30.11.2020 | 11:30 | 11:45 | 2.836 |
| 30.11.2020 | 11:45 | 12:00 | 2.869 |
| 30.11.2020 | 12:00 | 12:15 | 2.842 |
| 30.11.2020 | 12:15 | 12:30 | 2.889 |
| 30.11.2020 | 12:30 | 12:45 | 2.916 |
| 30.11.2020 | 12:45 | 13:00 | 2.953 |
| 30.11.2020 | 13:00 | 13:15 | 2.934 |
| 30.11.2020 | 13:15 | 13:30 | 2.894 |
| 30.11.2020 | 13:30 | 13:45 | 2.864 |
| 30.11.2020 | 13:45 | 14:00 | 2.834 |
| 30.11.2020 | 14:00 | 14:15 | 2.812 |
| 30.11.2020 | 14:15 | 14:30 | 2.849 |
| 30.11.2020 | 14:30 | 14:45 | 2.852 |
| 30.11.2020 | 14:45 | 15:00 | 2.854 |
| 30.11.2020 | 15:00 | 15:15 | 2.780 |
| 30.11.2020 | 15:15 | 15:30 | 2.779 |
| 30.11.2020 | 15:30 | 15:45 | 2.854 |
| 30.11.2020 | 15:45 | 16:00 | 2.865 |
| 30.11.2020 | 16:00 | 16:15 | 2.962 |
| 30.11.2020 | 16:15 | 16:30 | 3.066 |
| 30.11.2020 | 16:30 | 16:45 | 3.111 |
| 30.11.2020 | 16:45 | 17:00 | 3.195 |
| 30.11.2020 | 17:00 | 17:15 | 3.216 |
| 30.11.2020 | 17:15 | 17:30 | 3.237 |
| 30.11.2020 | 17:30 | 17:45 | 3.228 |
| 30.11.2020 | 17:45 | 18:00 | 3.249 |
| 30.11.2020 | 18:00 | 18:15 | 3.253 |
| 30.11.2020 | 18:15 | 18:30 | 3.222 |
| 30.11.2020 | 18:30 | 18:45 | 3.225 |
| 30.11.2020 | 18:45 | 19:00 | 3.234 |
| 30.11.2020 | 19:00 | 19:15 | 3.129 |
| 30.11.2020 | 19:15 | 19:30 | 3.059 |
| 30.11.2020 | 19:30 | 19:45 | 2.943 |
| 30.11.2020 | 19:45 | 20:00 | 2.875 |
| 30.11.2020 | 20:00 | 20:15 | 2.752 |
| 30.11.2020 | 20:15 | 20:30 | 2.625 |
| 30.11.2020 | 20:30 | 20:45 | 2.544 |
| 30.11.2020 | 20:45 | 21:00 | 2.476 |
| 30.11.2020 | 21:00 | 21:15 | 2.334 |
| 30.11.2020 | 21:15 | 21:30 | 2.238 |
| 30.11.2020 | 21:30 | 21:45 | 2.140 |
| 30.11.2020 | 21:45 | 22:00 | 2.059 |
| 30.11.2020 | 22:00 | 22:15 | 2.035 |
| 30.11.2020 | 22:15 | 22:30 | 1.925 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 30.11.2020 | 22:30 | 22:45 | 1.842 |
| 30.11.2020 | 22:45 | 23:00 | 1.759 |
| 30.11.2020 | 23:00 | 23:15 | 1.655 |
| 30.11.2020 | 23:15 | 23:30 | 1.611 |
| 30.11.2020 | 23:30 | 23:45 | 1.576 |
| 30.11.2020 | 23:45 | 00:00 | 1.544 |
| 01.12.2020 | 00:00 | 00:15 | 1.505 |
| 01.12.2020 | 00:15 | 00:30 | 1.499 |
| 01.12.2020 | 00:30 | 00:45 | 1.464 |
| 01.12.2020 | 00:45 | 01:00 | 1.426 |
| 01.12.2020 | 01:00 | 01:15 | 1.394 |
| 01.12.2020 | 01:15 | 01:30 | 1.369 |
| 01.12.2020 | 01:30 | 01:45 | 1.338 |
| 01.12.2020 | 01:45 | 02:00 | 1.314 |
| 01.12.2020 | 02:00 | 02:15 | 1.284 |
| 01.12.2020 | 02:15 | 02:30 | 1.266 |
| 01.12.2020 | 02:30 | 02:45 | 1.261 |
| 01.12.2020 | 02:45 | 03:00 | 1.264 |
| 01.12.2020 | 03:00 | 03:15 | 1.267 |
| 01.12.2020 | 03:15 | 03:30 | 1.253 |
| 01.12.2020 | 03:30 | 03:45 | 1.258 |
| 01.12.2020 | 03:45 | 04:00 | 1.258 |
| 01.12.2020 | 04:00 | 04:15 | 1.267 |
| 01.12.2020 | 04:15 | 04:30 | 1.310 |
| 01.12.2020 | 04:30 | 04:45 | 1.349 |
| 01.12.2020 | 04:45 | 05:00 | 1.369 |
| 01.12.2020 | 05:00 | 05:15 | 1.430 |
| 01.12.2020 | 05:15 | 05:30 | 1.495 |
| 01.12.2020 | 05:30 | 05:45 | 1.550 |
| 01.12.2020 | 05:45 | 06:00 | 1.651 |
| 01.12.2020 | 06:00 | 06:15 | 1.791 |
| 01.12.2020 | 06:15 | 06:30 | 1.950 |
| 01.12.2020 | 06:30 | 06:45 | 2.057 |
| 01.12.2020 | 06:45 | 07:00 | 2.172 |
| 01.12.2020 | 07:00 | 07:15 | 2.305 |
| 01.12.2020 | 07:15 | 07:30 | 2.415 |
| 01.12.2020 | 07:30 | 07:45 | 2.499 |
| 01.12.2020 | 07:45 | 08:00 | 2.551 |
| 01.12.2020 | 08:00 | 08:15 | 2.588 |
| 01.12.2020 | 08:15 | 08:30 | 2.644 |
| 01.12.2020 | 08:30 | 08:45 | 2.661 |
| 01.12.2020 | 08:45 | 09:00 | 2.666 |
| 01.12.2020 | 09:00 | 09:15 | 2.669 |
| 01.12.2020 | 09:15 | 09:30 | 2.750 |
| 01.12.2020 | 09:30 | 09:45 | 2.760 |
| 01.12.2020 | 09:45 | 10:00 | 2.739 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.12.2020 | 10:00 | 10:15 | 2.789 |
| 01.12.2020 | 10:15 | 10:30 | 2.824 |
| 01.12.2020 | 10:30 | 10:45 | 2.849 |
| 01.12.2020 | 10:45 | 11:00 | 2.878 |
| 01.12.2020 | 11:00 | 11:15 | 2.882 |
| 01.12.2020 | 11:15 | 11:30 | 2.959 |
| 01.12.2020 | 11:30 | 11:45 | 3.042 |
| 01.12.2020 | 11:45 | 12:00 | 3.089 |
| 01.12.2020 | 12:00 | 12:15 | 3.078 |
| 01.12.2020 | 12:15 | 12:30 | 3.050 |
| 01.12.2020 | 12:30 | 12:45 | 2.903 |
| 01.12.2020 | 12:45 | 13:00 | 2.849 |
| 01.12.2020 | 13:00 | 13:15 | 2.823 |
| 01.12.2020 | 13:15 | 13:30 | 2.837 |
| 01.12.2020 | 13:30 | 13:45 | 2.825 |
| 01.12.2020 | 13:45 | 14:00 | 2.861 |
| 01.12.2020 | 14:00 | 14:15 | 2.841 |
| 01.12.2020 | 14:15 | 14:30 | 2.813 |
| 01.12.2020 | 14:30 | 14:45 | 2.848 |
| 01.12.2020 | 14:45 | 15:00 | 2.824 |
| 01.12.2020 | 15:00 | 15:15 | 2.770 |
| 01.12.2020 | 15:15 | 15:30 | 2.735 |
| 01.12.2020 | 15:30 | 15:45 | 2.741 |
| 01.12.2020 | 15:45 | 16:00 | 2.775 |
| 01.12.2020 | 16:00 | 16:15 | 2.870 |
| 01.12.2020 | 16:15 | 16:30 | 2.971 |
| 01.12.2020 | 16:30 | 16:45 | 3.021 |
| 01.12.2020 | 16:45 | 17:00 | 3.114 |
| 01.12.2020 | 17:00 | 17:15 | 3.177 |
| 01.12.2020 | 17:15 | 17:30 | 3.187 |
| 01.12.2020 | 17:30 | 17:45 | 3.191 |
| 01.12.2020 | 17:45 | 18:00 | 3.214 |
| 01.12.2020 | 18:00 | 18:15 | 3.203 |
| 01.12.2020 | 18:15 | 18:30 | 3.186 |
| 01.12.2020 | 18:30 | 18:45 | 3.174 |
| 01.12.2020 | 18:45 | 19:00 | 3.158 |
| 01.12.2020 | 19:00 | 19:15 | 3.070 |
| 01.12.2020 | 19:15 | 19:30 | 2.997 |
| 01.12.2020 | 19:30 | 19:45 | 2.903 |
| 01.12.2020 | 19:45 | 20:00 | 2.821 |
| 01.12.2020 | 20:00 | 20:15 | 2.672 |
| 01.12.2020 | 20:15 | 20:30 | 2.570 |
| 01.12.2020 | 20:30 | 20:45 | 2.477 |
| 01.12.2020 | 20:45 | 21:00 | 2.394 |
| 01.12.2020 | 21:00 | 21:15 | 2.306 |
| 01.12.2020 | 21:15 | 21:30 | 2.192 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 01.12.2020 | 21:30 | 21:45 | 2.089 |
| 01.12.2020 | 21:45 | 22:00 | 1.986 |
| 01.12.2020 | 22:00 | 22:15 | 2.030 |
| 01.12.2020 | 22:15 | 22:30 | 1.961 |
| 01.12.2020 | 22:30 | 22:45 | 1.902 |
| 01.12.2020 | 22:45 | 23:00 | 1.801 |
| 01.12.2020 | 23:00 | 23:15 | 1.710 |
| 01.12.2020 | 23:15 | 23:30 | 1.657 |
| 01.12.2020 | 23:30 | 23:45 | 1.593 |
| 01.12.2020 | 23:45 | 00:00 | 1.529 |
| 02.12.2020 | 00:00 | 00:15 | 1.452 |
| 02.12.2020 | 00:15 | 00:30 | 1.403 |
| 02.12.2020 | 00:30 | 00:45 | 1.380 |
| 02.12.2020 | 00:45 | 01:00 | 1.341 |
| 02.12.2020 | 01:00 | 01:15 | 1.316 |
| 02.12.2020 | 01:15 | 01:30 | 1.285 |
| 02.12.2020 | 01:30 | 01:45 | 1.259 |
| 02.12.2020 | 01:45 | 02:00 | 1.235 |
| 02.12.2020 | 02:00 | 02:15 | 1.203 |
| 02.12.2020 | 02:15 | 02:30 | 1.188 |
| 02.12.2020 | 02:30 | 02:45 | 1.184 |
| 02.12.2020 | 02:45 | 03:00 | 1.170 |
| 02.12.2020 | 03:00 | 03:15 | 1.167 |
| 02.12.2020 | 03:15 | 03:30 | 1.171 |
| 02.12.2020 | 03:30 | 03:45 | 1.178 |
| 02.12.2020 | 03:45 | 04:00 | 1.186 |
| 02.12.2020 | 04:00 | 04:15 | 1.219 |
| 02.12.2020 | 04:15 | 04:30 | 1.236 |
| 02.12.2020 | 04:30 | 04:45 | 1.244 |
| 02.12.2020 | 04:45 | 05:00 | 1.305 |
| 02.12.2020 | 05:00 | 05:15 | 1.392 |
| 02.12.2020 | 05:15 | 05:30 | 1.458 |
| 02.12.2020 | 05:30 | 05:45 | 1.541 |
| 02.12.2020 | 05:45 | 06:00 | 1.647 |
| 02.12.2020 | 06:00 | 06:15 | 1.772 |
| 02.12.2020 | 06:15 | 06:30 | 1.921 |
| 02.12.2020 | 06:30 | 06:45 | 2.044 |
| 02.12.2020 | 06:45 | 07:00 | 2.154 |
| 02.12.2020 | 07:00 | 07:15 | 2.287 |
| 02.12.2020 | 07:15 | 07:30 | 2.376 |
| 02.12.2020 | 07:30 | 07:45 | 2.476 |
| 02.12.2020 | 07:45 | 08:00 | 2.533 |
| 02.12.2020 | 08:00 | 08:15 | 2.579 |
| 02.12.2020 | 08:15 | 08:30 | 2.451 |
| 02.12.2020 | 08:30 | 08:45 | 2.389 |
| 02.12.2020 | 08:45 | 09:00 | 2.427 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.12.2020 | 09:00 | 09:15 | 2.427 |
| 02.12.2020 | 09:15 | 09:30 | 2.478 |
| 02.12.2020 | 09:30 | 09:45 | 2.549 |
| 02.12.2020 | 09:45 | 10:00 | 2.572 |
| 02.12.2020 | 10:00 | 10:15 | 2.670 |
| 02.12.2020 | 10:15 | 10:30 | 2.675 |
| 02.12.2020 | 10:30 | 10:45 | 2.680 |
| 02.12.2020 | 10:45 | 11:00 | 2.724 |
| 02.12.2020 | 11:00 | 11:15 | 2.761 |
| 02.12.2020 | 11:15 | 11:30 | 2.813 |
| 02.12.2020 | 11:30 | 11:45 | 2.841 |
| 02.12.2020 | 11:45 | 12:00 | 2.902 |
| 02.12.2020 | 12:00 | 12:15 | 2.914 |
| 02.12.2020 | 12:15 | 12:30 | 2.907 |
| 02.12.2020 | 12:30 | 12:45 | 2.889 |
| 02.12.2020 | 12:45 | 13:00 | 2.921 |
| 02.12.2020 | 13:00 | 13:15 | 2.896 |
| 02.12.2020 | 13:15 | 13:30 | 2.877 |
| 02.12.2020 | 13:30 | 13:45 | 2.864 |
| 02.12.2020 | 13:45 | 14:00 | 2.902 |
| 02.12.2020 | 14:00 | 14:15 | 2.889 |
| 02.12.2020 | 14:15 | 14:30 | 2.881 |
| 02.12.2020 | 14:30 | 14:45 | 2.878 |
| 02.12.2020 | 14:45 | 15:00 | 2.898 |
| 02.12.2020 | 15:00 | 15:15 | 2.901 |
| 02.12.2020 | 15:15 | 15:30 | 2.915 |
| 02.12.2020 | 15:30 | 15:45 | 2.913 |
| 02.12.2020 | 15:45 | 16:00 | 2.945 |
| 02.12.2020 | 16:00 | 16:15 | 3.037 |
| 02.12.2020 | 16:15 | 16:30 | 3.101 |
| 02.12.2020 | 16:30 | 16:45 | 3.160 |
| 02.12.2020 | 16:45 | 17:00 | 3.190 |
| 02.12.2020 | 17:00 | 17:15 | 3.228 |
| 02.12.2020 | 17:15 | 17:30 | 3.243 |
| 02.12.2020 | 17:30 | 17:45 | 3.253 |
| 02.12.2020 | 17:45 | 18:00 | 3.247 |
| 02.12.2020 | 18:00 | 18:15 | 3.160 |
| 02.12.2020 | 18:15 | 18:30 | 3.227 |
| 02.12.2020 | 18:30 | 18:45 | 3.191 |
| 02.12.2020 | 18:45 | 19:00 | 3.200 |
| 02.12.2020 | 19:00 | 19:15 | 3.140 |
| 02.12.2020 | 19:15 | 19:30 | 3.070 |
| 02.12.2020 | 19:30 | 19:45 | 2.937 |
| 02.12.2020 | 19:45 | 20:00 | 2.833 |
| 02.12.2020 | 20:00 | 20:15 | 2.689 |
| 02.12.2020 | 20:15 | 20:30 | 2.563 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 02.12.2020 | 20:30 | 20:45 | 2.429 |
| 02.12.2020 | 20:45 | 21:00 | 2.334 |
| 02.12.2020 | 21:00 | 21:15 | 2.246 |
| 02.12.2020 | 21:15 | 21:30 | 2.183 |
| 02.12.2020 | 21:30 | 21:45 | 2.105 |
| 02.12.2020 | 21:45 | 22:00 | 2.009 |
| 02.12.2020 | 22:00 | 22:15 | 2.043 |
| 02.12.2020 | 22:15 | 22:30 | 1.991 |
| 02.12.2020 | 22:30 | 22:45 | 1.911 |
| 02.12.2020 | 22:45 | 23:00 | 1.769 |
| 02.12.2020 | 23:00 | 23:15 | 1.680 |
| 02.12.2020 | 23:15 | 23:30 | 1.647 |
| 02.12.2020 | 23:30 | 23:45 | 1.578 |
| 02.12.2020 | 23:45 | 00:00 | 1.511 |
| 03.12.2020 | 00:00 | 00:15 | 1.449 |
| 03.12.2020 | 00:15 | 00:30 | 1.400 |
| 03.12.2020 | 00:30 | 00:45 | 1.375 |
| 03.12.2020 | 00:45 | 01:00 | 1.338 |
| 03.12.2020 | 01:00 | 01:15 | 1.304 |
| 03.12.2020 | 01:15 | 01:30 | 1.276 |
| 03.12.2020 | 01:30 | 01:45 | 1.244 |
| 03.12.2020 | 01:45 | 02:00 | 1.219 |
| 03.12.2020 | 02:00 | 02:15 | 1.198 |
| 03.12.2020 | 02:15 | 02:30 | 1.184 |
| 03.12.2020 | 02:30 | 02:45 | 1.173 |
| 03.12.2020 | 02:45 | 03:00 | 1.151 |
| 03.12.2020 | 03:00 | 03:15 | 1.144 |
| 03.12.2020 | 03:15 | 03:30 | 1.133 |
| 03.12.2020 | 03:30 | 03:45 | 1.131 |
| 03.12.2020 | 03:45 | 04:00 | 1.100 |
| 03.12.2020 | 04:00 | 04:15 | 1.078 |
| 03.12.2020 | 04:15 | 04:30 | 1.119 |
| 03.12.2020 | 04:30 | 04:45 | 1.157 |
| 03.12.2020 | 04:45 | 05:00 | 1.186 |
| 03.12.2020 | 05:00 | 05:15 | 1.227 |
| 03.12.2020 | 05:15 | 05:30 | 1.265 |
| 03.12.2020 | 05:30 | 05:45 | 1.336 |
| 03.12.2020 | 05:45 | 06:00 | 1.433 |
| 03.12.2020 | 06:00 | 06:15 | 1.538 |
| 03.12.2020 | 06:15 | 06:30 | 1.695 |
| 03.12.2020 | 06:30 | 06:45 | 1.800 |
| 03.12.2020 | 06:45 | 07:00 | 1.924 |
| 03.12.2020 | 07:00 | 07:15 | 2.048 |
| 03.12.2020 | 07:15 | 07:30 | 2.140 |
| 03.12.2020 | 07:30 | 07:45 | 2.183 |
| 03.12.2020 | 07:45 | 08:00 | 2.257 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.12.2020 | 08:00 | 08:15 | 2.292 |
| 03.12.2020 | 08:15 | 08:30 | 2.339 |
| 03.12.2020 | 08:30 | 08:45 | 2.385 |
| 03.12.2020 | 08:45 | 09:00 | 2.393 |
| 03.12.2020 | 09:00 | 09:15 | 2.402 |
| 03.12.2020 | 09:15 | 09:30 | 2.503 |
| 03.12.2020 | 09:30 | 09:45 | 2.611 |
| 03.12.2020 | 09:45 | 10:00 | 2.650 |
| 03.12.2020 | 10:00 | 10:15 | 2.673 |
| 03.12.2020 | 10:15 | 10:30 | 2.675 |
| 03.12.2020 | 10:30 | 10:45 | 2.697 |
| 03.12.2020 | 10:45 | 11:00 | 2.757 |
| 03.12.2020 | 11:00 | 11:15 | 2.768 |
| 03.12.2020 | 11:15 | 11:30 | 2.824 |
| 03.12.2020 | 11:30 | 11:45 | 2.861 |
| 03.12.2020 | 11:45 | 12:00 | 2.886 |
| 03.12.2020 | 12:00 | 12:15 | 2.827 |
| 03.12.2020 | 12:15 | 12:30 | 2.771 |
| 03.12.2020 | 12:30 | 12:45 | 2.822 |
| 03.12.2020 | 12:45 | 13:00 | 2.894 |
| 03.12.2020 | 13:00 | 13:15 | 2.888 |
| 03.12.2020 | 13:15 | 13:30 | 2.862 |
| 03.12.2020 | 13:30 | 13:45 | 2.819 |
| 03.12.2020 | 13:45 | 14:00 | 2.877 |
| 03.12.2020 | 14:00 | 14:15 | 2.884 |
| 03.12.2020 | 14:15 | 14:30 | 2.794 |
| 03.12.2020 | 14:30 | 14:45 | 2.796 |
| 03.12.2020 | 14:45 | 15:00 | 2.743 |
| 03.12.2020 | 15:00 | 15:15 | 2.745 |
| 03.12.2020 | 15:15 | 15:30 | 2.778 |
| 03.12.2020 | 15:30 | 15:45 | 2.802 |
| 03.12.2020 | 15:45 | 16:00 | 2.813 |
| 03.12.2020 | 16:00 | 16:15 | 2.880 |
| 03.12.2020 | 16:15 | 16:30 | 2.948 |
| 03.12.2020 | 16:30 | 16:45 | 3.030 |
| 03.12.2020 | 16:45 | 17:00 | 3.198 |
| 03.12.2020 | 17:00 | 17:15 | 3.245 |
| 03.12.2020 | 17:15 | 17:30 | 3.312 |
| 03.12.2020 | 17:30 | 17:45 | 3.323 |
| 03.12.2020 | 17:45 | 18:00 | 3.285 |
| 03.12.2020 | 18:00 | 18:15 | 3.261 |
| 03.12.2020 | 18:15 | 18:30 | 3.284 |
| 03.12.2020 | 18:30 | 18:45 | 3.231 |
| 03.12.2020 | 18:45 | 19:00 | 3.194 |
| 03.12.2020 | 19:00 | 19:15 | 3.105 |
| 03.12.2020 | 19:15 | 19:30 | 3.049 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 03.12.2020 | 19:30 | 19:45 | 2.965 |
| 03.12.2020 | 19:45 | 20:00 | 2.935 |
| 03.12.2020 | 20:00 | 20:15 | 2.765 |
| 03.12.2020 | 20:15 | 20:30 | 2.645 |
| 03.12.2020 | 20:30 | 20:45 | 2.516 |
| 03.12.2020 | 20:45 | 21:00 | 2.449 |
| 03.12.2020 | 21:00 | 21:15 | 2.311 |
| 03.12.2020 | 21:15 | 21:30 | 2.215 |
| 03.12.2020 | 21:30 | 21:45 | 2.100 |
| 03.12.2020 | 21:45 | 22:00 | 2.007 |
| 03.12.2020 | 22:00 | 22:15 | 2.044 |
| 03.12.2020 | 22:15 | 22:30 | 1.980 |
| 03.12.2020 | 22:30 | 22:45 | 1.880 |
| 03.12.2020 | 22:45 | 23:00 | 1.797 |
| 03.12.2020 | 23:00 | 23:15 | 1.714 |
| 03.12.2020 | 23:15 | 23:30 | 1.645 |
| 03.12.2020 | 23:30 | 23:45 | 1.581 |
| 03.12.2020 | 23:45 | 00:00 | 1.515 |
| 04.12.2020 | 00:00 | 00:15 | 1.456 |
| 04.12.2020 | 00:15 | 00:30 | 1.418 |
| 04.12.2020 | 00:30 | 00:45 | 1.371 |
| 04.12.2020 | 00:45 | 01:00 | 1.300 |
| 04.12.2020 | 01:00 | 01:15 | 1.236 |
| 04.12.2020 | 01:15 | 01:30 | 1.206 |
| 04.12.2020 | 01:30 | 01:45 | 1.175 |
| 04.12.2020 | 01:45 | 02:00 | 1.163 |
| 04.12.2020 | 02:00 | 02:15 | 1.145 |
| 04.12.2020 | 02:15 | 02:30 | 1.115 |
| 04.12.2020 | 02:30 | 02:45 | 1.109 |
| 04.12.2020 | 02:45 | 03:00 | 1.111 |
| 04.12.2020 | 03:00 | 03:15 | 1.115 |
| 04.12.2020 | 03:15 | 03:30 | 1.113 |
| 04.12.2020 | 03:30 | 03:45 | 1.117 |
| 04.12.2020 | 03:45 | 04:00 | 1.119 |
| 04.12.2020 | 04:00 | 04:15 | 1.135 |
| 04.12.2020 | 04:15 | 04:30 | 1.175 |
| 04.12.2020 | 04:30 | 04:45 | 1.200 |
| 04.12.2020 | 04:45 | 05:00 | 1.214 |
| 04.12.2020 | 05:00 | 05:15 | 1.261 |
| 04.12.2020 | 05:15 | 05:30 | 1.314 |
| 04.12.2020 | 05:30 | 05:45 | 1.383 |
| 04.12.2020 | 05:45 | 06:00 | 1.493 |
| 04.12.2020 | 06:00 | 06:15 | 1.609 |
| 04.12.2020 | 06:15 | 06:30 | 1.753 |
| 04.12.2020 | 06:30 | 06:45 | 1.871 |
| 04.12.2020 | 06:45 | 07:00 | 1.987 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.12.2020 | 07:00 | 07:15 | 2.117 |
| 04.12.2020 | 07:15 | 07:30 | 2.220 |
| 04.12.2020 | 07:30 | 07:45 | 2.296 |
| 04.12.2020 | 07:45 | 08:00 | 2.376 |
| 04.12.2020 | 08:00 | 08:15 | 2.386 |
| 04.12.2020 | 08:15 | 08:30 | 2.422 |
| 04.12.2020 | 08:30 | 08:45 | 2.479 |
| 04.12.2020 | 08:45 | 09:00 | 2.492 |
| 04.12.2020 | 09:00 | 09:15 | 2.548 |
| 04.12.2020 | 09:15 | 09:30 | 2.609 |
| 04.12.2020 | 09:30 | 09:45 | 2.655 |
| 04.12.2020 | 09:45 | 10:00 | 2.671 |
| 04.12.2020 | 10:00 | 10:15 | 2.638 |
| 04.12.2020 | 10:15 | 10:30 | 2.648 |
| 04.12.2020 | 10:30 | 10:45 | 2.683 |
| 04.12.2020 | 10:45 | 11:00 | 2.686 |
| 04.12.2020 | 11:00 | 11:15 | 2.685 |
| 04.12.2020 | 11:15 | 11:30 | 2.701 |
| 04.12.2020 | 11:30 | 11:45 | 2.720 |
| 04.12.2020 | 11:45 | 12:00 | 2.772 |
| 04.12.2020 | 12:00 | 12:15 | 2.809 |
| 04.12.2020 | 12:15 | 12:30 | 2.816 |
| 04.12.2020 | 12:30 | 12:45 | 2.768 |
| 04.12.2020 | 12:45 | 13:00 | 2.879 |
| 04.12.2020 | 13:00 | 13:15 | 2.854 |
| 04.12.2020 | 13:15 | 13:30 | 2.889 |
| 04.12.2020 | 13:30 | 13:45 | 2.861 |
| 04.12.2020 | 13:45 | 14:00 | 2.815 |
| 04.12.2020 | 14:00 | 14:15 | 2.811 |
| 04.12.2020 | 14:15 | 14:30 | 2.793 |
| 04.12.2020 | 14:30 | 14:45 | 2.757 |
| 04.12.2020 | 14:45 | 15:00 | 2.766 |
| 04.12.2020 | 15:00 | 15:15 | 2.740 |
| 04.12.2020 | 15:15 | 15:30 | 2.706 |
| 04.12.2020 | 15:30 | 15:45 | 2.735 |
| 04.12.2020 | 15:45 | 16:00 | 2.763 |
| 04.12.2020 | 16:00 | 16:15 | 2.842 |
| 04.12.2020 | 16:15 | 16:30 | 2.939 |
| 04.12.2020 | 16:30 | 16:45 | 3.012 |
| 04.12.2020 | 16:45 | 17:00 | 3.130 |
| 04.12.2020 | 17:00 | 17:15 | 3.203 |
| 04.12.2020 | 17:15 | 17:30 | 3.249 |
| 04.12.2020 | 17:30 | 17:45 | 3.239 |
| 04.12.2020 | 17:45 | 18:00 | 3.255 |
| 04.12.2020 | 18:00 | 18:15 | 3.174 |
| 04.12.2020 | 18:15 | 18:30 | 3.132 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 04.12.2020 | 18:30 | 18:45 | 3.118 |
| 04.12.2020 | 18:45 | 19:00 | 3.058 |
| 04.12.2020 | 19:00 | 19:15 | 2.922 |
| 04.12.2020 | 19:15 | 19:30 | 2.846 |
| 04.12.2020 | 19:30 | 19:45 | 2.828 |
| 04.12.2020 | 19:45 | 20:00 | 2.736 |
| 04.12.2020 | 20:00 | 20:15 | 2.599 |
| 04.12.2020 | 20:15 | 20:30 | 2.467 |
| 04.12.2020 | 20:30 | 20:45 | 2.361 |
| 04.12.2020 | 20:45 | 21:00 | 2.330 |
| 04.12.2020 | 21:00 | 21:15 | 2.215 |
| 04.12.2020 | 21:15 | 21:30 | 2.151 |
| 04.12.2020 | 21:30 | 21:45 | 2.022 |
| 04.12.2020 | 21:45 | 22:00 | 1.940 |
| 04.12.2020 | 22:00 | 22:15 | 1.988 |
| 04.12.2020 | 22:15 | 22:30 | 1.970 |
| 04.12.2020 | 22:30 | 22:45 | 1.905 |
| 04.12.2020 | 22:45 | 23:00 | 1.836 |
| 04.12.2020 | 23:00 | 23:15 | 1.764 |
| 04.12.2020 | 23:15 | 23:30 | 1.703 |
| 04.12.2020 | 23:30 | 23:45 | 1.647 |
| 04.12.2020 | 23:45 | 00:00 | 1.587 |
| 05.12.2020 | 00:00 | 00:15 | 1.533 |
| 05.12.2020 | 00:15 | 00:30 | 1.496 |
| 05.12.2020 | 00:30 | 00:45 | 1.442 |
| 05.12.2020 | 00:45 | 01:00 | 1.390 |
| 05.12.2020 | 01:00 | 01:15 | 1.351 |
| 05.12.2020 | 01:15 | 01:30 | 1.331 |
| 05.12.2020 | 01:30 | 01:45 | 1.310 |
| 05.12.2020 | 01:45 | 02:00 | 1.268 |
| 05.12.2020 | 02:00 | 02:15 | 1.249 |
| 05.12.2020 | 02:15 | 02:30 | 1.225 |
| 05.12.2020 | 02:30 | 02:45 | 1.194 |
| 05.12.2020 | 02:45 | 03:00 | 1.159 |
| 05.12.2020 | 03:00 | 03:15 | 1.143 |
| 05.12.2020 | 03:15 | 03:30 | 1.146 |
| 05.12.2020 | 03:30 | 03:45 | 1.141 |
| 05.12.2020 | 03:45 | 04:00 | 1.130 |
| 05.12.2020 | 04:00 | 04:15 | 1.140 |
| 05.12.2020 | 04:15 | 04:30 | 1.130 |
| 05.12.2020 | 04:30 | 04:45 | 1.130 |
| 05.12.2020 | 04:45 | 05:00 | 1.144 |
| 05.12.2020 | 05:00 | 05:15 | 1.162 |
| 05.12.2020 | 05:15 | 05:30 | 1.177 |
| 05.12.2020 | 05:30 | 05:45 | 1.210 |
| 05.12.2020 | 05:45 | 06:00 | 1.239 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.12.2020 | 06:00 | 06:15 | 1.239 |
| 05.12.2020 | 06:15 | 06:30 | 1.293 |
| 05.12.2020 | 06:30 | 06:45 | 1.330 |
| 05.12.2020 | 06:45 | 07:00 | 1.365 |
| 05.12.2020 | 07:00 | 07:15 | 1.408 |
| 05.12.2020 | 07:15 | 07:30 | 1.455 |
| 05.12.2020 | 07:30 | 07:45 | 1.527 |
| 05.12.2020 | 07:45 | 08:00 | 1.597 |
| 05.12.2020 | 08:00 | 08:15 | 1.647 |
| 05.12.2020 | 08:15 | 08:30 | 1.698 |
| 05.12.2020 | 08:30 | 08:45 | 1.773 |
| 05.12.2020 | 08:45 | 09:00 | 1.870 |
| 05.12.2020 | 09:00 | 09:15 | 1.939 |
| 05.12.2020 | 09:15 | 09:30 | 2.020 |
| 05.12.2020 | 09:30 | 09:45 | 2.083 |
| 05.12.2020 | 09:45 | 10:00 | 2.156 |
| 05.12.2020 | 10:00 | 10:15 | 2.200 |
| 05.12.2020 | 10:15 | 10:30 | 2.251 |
| 05.12.2020 | 10:30 | 10:45 | 2.268 |
| 05.12.2020 | 10:45 | 11:00 | 2.304 |
| 05.12.2020 | 11:00 | 11:15 | 2.329 |
| 05.12.2020 | 11:15 | 11:30 | 2.380 |
| 05.12.2020 | 11:30 | 11:45 | 2.355 |
| 05.12.2020 | 11:45 | 12:00 | 2.376 |
| 05.12.2020 | 12:00 | 12:15 | 2.369 |
| 05.12.2020 | 12:15 | 12:30 | 2.385 |
| 05.12.2020 | 12:30 | 12:45 | 2.389 |
| 05.12.2020 | 12:45 | 13:00 | 2.393 |
| 05.12.2020 | 13:00 | 13:15 | 2.391 |
| 05.12.2020 | 13:15 | 13:30 | 2.326 |
| 05.12.2020 | 13:30 | 13:45 | 2.276 |
| 05.12.2020 | 13:45 | 14:00 | 2.246 |
| 05.12.2020 | 14:00 | 14:15 | 2.194 |
| 05.12.2020 | 14:15 | 14:30 | 2.222 |
| 05.12.2020 | 14:30 | 14:45 | 2.240 |
| 05.12.2020 | 14:45 | 15:00 | 2.281 |
| 05.12.2020 | 15:00 | 15:15 | 2.269 |
| 05.12.2020 | 15:15 | 15:30 | 2.274 |
| 05.12.2020 | 15:30 | 15:45 | 2.296 |
| 05.12.2020 | 15:45 | 16:00 | 2.322 |
| 05.12.2020 | 16:00 | 16:15 | 2.359 |
| 05.12.2020 | 16:15 | 16:30 | 2.354 |
| 05.12.2020 | 16:30 | 16:45 | 2.493 |
| 05.12.2020 | 16:45 | 17:00 | 2.623 |
| 05.12.2020 | 17:00 | 17:15 | 2.690 |
| 05.12.2020 | 17:15 | 17:30 | 2.725 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 05.12.2020 | 17:30 | 17:45 | 2.759 |
| 05.12.2020 | 17:45 | 18:00 | 2.762 |
| 05.12.2020 | 18:00 | 18:15 | 2.728 |
| 05.12.2020 | 18:15 | 18:30 | 2.711 |
| 05.12.2020 | 18:30 | 18:45 | 2.668 |
| 05.12.2020 | 18:45 | 19:00 | 2.616 |
| 05.12.2020 | 19:00 | 19:15 | 2.548 |
| 05.12.2020 | 19:15 | 19:30 | 2.471 |
| 05.12.2020 | 19:30 | 19:45 | 2.412 |
| 05.12.2020 | 19:45 | 20:00 | 2.330 |
| 05.12.2020 | 20:00 | 20:15 | 2.247 |
| 05.12.2020 | 20:15 | 20:30 | 2.179 |
| 05.12.2020 | 20:30 | 20:45 | 2.077 |
| 05.12.2020 | 20:45 | 21:00 | 2.015 |
| 05.12.2020 | 21:00 | 21:15 | 1.934 |
| 05.12.2020 | 21:15 | 21:30 | 1.844 |
| 05.12.2020 | 21:30 | 21:45 | 1.779 |
| 05.12.2020 | 21:45 | 22:00 | 1.718 |
| 05.12.2020 | 22:00 | 22:15 | 1.809 |
| 05.12.2020 | 22:15 | 22:30 | 1.738 |
| 05.12.2020 | 22:30 | 22:45 | 1.699 |
| 05.12.2020 | 22:45 | 23:00 | 1.694 |
| 05.12.2020 | 23:00 | 23:15 | 1.630 |
| 05.12.2020 | 23:15 | 23:30 | 1.574 |
| 05.12.2020 | 23:30 | 23:45 | 1.515 |
| 05.12.2020 | 23:45 | 00:00 | 1.445 |
| 06.12.2020 | 00:00 | 00:15 | 1.379 |
| 06.12.2020 | 00:15 | 00:30 | 1.329 |
| 06.12.2020 | 00:30 | 00:45 | 1.279 |
| 06.12.2020 | 00:45 | 01:00 | 1.237 |
| 06.12.2020 | 01:00 | 01:15 | 1.201 |
| 06.12.2020 | 01:15 | 01:30 | 1.175 |
| 06.12.2020 | 01:30 | 01:45 | 1.139 |
| 06.12.2020 | 01:45 | 02:00 | 1.118 |
| 06.12.2020 | 02:00 | 02:15 | 1.080 |
| 06.12.2020 | 02:15 | 02:30 | 1.048 |
| 06.12.2020 | 02:30 | 02:45 | 1.029 |
| 06.12.2020 | 02:45 | 03:00 | 1.019 |
| 06.12.2020 | 03:00 | 03:15 | 1.013 |
| 06.12.2020 | 03:15 | 03:30 | 1.010 |
| 06.12.2020 | 03:30 | 03:45 | 1.001 |
| 06.12.2020 | 03:45 | 04:00 | 996 |
| 06.12.2020 | 04:00 | 04:15 | 997 |
| 06.12.2020 | 04:15 | 04:30 | 997 |
| 06.12.2020 | 04:30 | 04:45 | 998 |
| 06.12.2020 | 04:45 | 05:00 | 1.003 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.12.2020 | 05:00 | 05:15 | 1.013 |
| 06.12.2020 | 05:15 | 05:30 | 1.025 |
| 06.12.2020 | 05:30 | 05:45 | 1.026 |
| 06.12.2020 | 05:45 | 06:00 | 1.043 |
| 06.12.2020 | 06:00 | 06:15 | 1.040 |
| 06.12.2020 | 06:15 | 06:30 | 1.056 |
| 06.12.2020 | 06:30 | 06:45 | 1.076 |
| 06.12.2020 | 06:45 | 07:00 | 1.100 |
| 06.12.2020 | 07:00 | 07:15 | 1.124 |
| 06.12.2020 | 07:15 | 07:30 | 1.167 |
| 06.12.2020 | 07:30 | 07:45 | 1.218 |
| 06.12.2020 | 07:45 | 08:00 | 1.277 |
| 06.12.2020 | 08:00 | 08:15 | 1.319 |
| 06.12.2020 | 08:15 | 08:30 | 1.365 |
| 06.12.2020 | 08:30 | 08:45 | 1.422 |
| 06.12.2020 | 08:45 | 09:00 | 1.510 |
| 06.12.2020 | 09:00 | 09:15 | 1.592 |
| 06.12.2020 | 09:15 | 09:30 | 1.680 |
| 06.12.2020 | 09:30 | 09:45 | 1.747 |
| 06.12.2020 | 09:45 | 10:00 | 1.807 |
| 06.12.2020 | 10:00 | 10:15 | 1.868 |
| 06.12.2020 | 10:15 | 10:30 | 1.905 |
| 06.12.2020 | 10:30 | 10:45 | 1.963 |
| 06.12.2020 | 10:45 | 11:00 | 2.027 |
| 06.12.2020 | 11:00 | 11:15 | 2.080 |
| 06.12.2020 | 11:15 | 11:30 | 2.166 |
| 06.12.2020 | 11:30 | 11:45 | 2.220 |
| 06.12.2020 | 11:45 | 12:00 | 2.305 |
| 06.12.2020 | 12:00 | 12:15 | 2.336 |
| 06.12.2020 | 12:15 | 12:30 | 2.380 |
| 06.12.2020 | 12:30 | 12:45 | 2.403 |
| 06.12.2020 | 12:45 | 13:00 | 2.386 |
| 06.12.2020 | 13:00 | 13:15 | 2.355 |
| 06.12.2020 | 13:15 | 13:30 | 2.315 |
| 06.12.2020 | 13:30 | 13:45 | 2.310 |
| 06.12.2020 | 13:45 | 14:00 | 2.291 |
| 06.12.2020 | 14:00 | 14:15 | 2.299 |
| 06.12.2020 | 14:15 | 14:30 | 2.284 |
| 06.12.2020 | 14:30 | 14:45 | 2.250 |
| 06.12.2020 | 14:45 | 15:00 | 2.240 |
| 06.12.2020 | 15:00 | 15:15 | 2.271 |
| 06.12.2020 | 15:15 | 15:30 | 2.254 |
| 06.12.2020 | 15:30 | 15:45 | 2.210 |
| 06.12.2020 | 15:45 | 16:00 | 2.202 |
| 06.12.2020 | 16:00 | 16:15 | 2.229 |
| 06.12.2020 | 16:15 | 16:30 | 2.274 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 06.12.2020 | 16:30 | 16:45 | 2.375 |
| 06.12.2020 | 16:45 | 17:00 | 2.397 |
| 06.12.2020 | 17:00 | 17:15 | 2.377 |
| 06.12.2020 | 17:15 | 17:30 | 2.417 |
| 06.12.2020 | 17:30 | 17:45 | 2.452 |
| 06.12.2020 | 17:45 | 18:00 | 2.466 |
| 06.12.2020 | 18:00 | 18:15 | 2.474 |
| 06.12.2020 | 18:15 | 18:30 | 2.421 |
| 06.12.2020 | 18:30 | 18:45 | 2.405 |
| 06.12.2020 | 18:45 | 19:00 | 2.398 |
| 06.12.2020 | 19:00 | 19:15 | 2.337 |
| 06.12.2020 | 19:15 | 19:30 | 2.271 |
| 06.12.2020 | 19:30 | 19:45 | 2.218 |
| 06.12.2020 | 19:45 | 20:00 | 2.187 |
| 06.12.2020 | 20:00 | 20:15 | 2.135 |
| 06.12.2020 | 20:15 | 20:30 | 2.044 |
| 06.12.2020 | 20:30 | 20:45 | 1.934 |
| 06.12.2020 | 20:45 | 21:00 | 1.875 |
| 06.12.2020 | 21:00 | 21:15 | 1.856 |
| 06.12.2020 | 21:15 | 21:30 | 1.815 |
| 06.12.2020 | 21:30 | 21:45 | 1.749 |
| 06.12.2020 | 21:45 | 22:00 | 1.719 |
| 06.12.2020 | 22:00 | 22:15 | 1.800 |
| 06.12.2020 | 22:15 | 22:30 | 1.739 |
| 06.12.2020 | 22:30 | 22:45 | 1.647 |
| 06.12.2020 | 22:45 | 23:00 | 1.600 |
| 06.12.2020 | 23:00 | 23:15 | 1.539 |
| 06.12.2020 | 23:15 | 23:30 | 1.496 |
| 06.12.2020 | 23:30 | 23:45 | 1.427 |
| 06.12.2020 | 23:45 | 00:00 | 1.372 |
| 07.12.2020 | 00:00 | 00:15 | 1.326 |
| 07.12.2020 | 00:15 | 00:30 | 1.289 |
| 07.12.2020 | 00:30 | 00:45 | 1.257 |
| 07.12.2020 | 00:45 | 01:00 | 1.224 |
| 07.12.2020 | 01:00 | 01:15 | 1.193 |
| 07.12.2020 | 01:15 | 01:30 | 1.162 |
| 07.12.2020 | 01:30 | 01:45 | 1.133 |
| 07.12.2020 | 01:45 | 02:00 | 1.127 |
| 07.12.2020 | 02:00 | 02:15 | 1.116 |
| 07.12.2020 | 02:15 | 02:30 | 1.112 |
| 07.12.2020 | 02:30 | 02:45 | 1.105 |
| 07.12.2020 | 02:45 | 03:00 | 1.108 |
| 07.12.2020 | 03:00 | 03:15 | 1.115 |
| 07.12.2020 | 03:15 | 03:30 | 1.108 |
| 07.12.2020 | 03:30 | 03:45 | 1.103 |
| 07.12.2020 | 03:45 | 04:00 | 1.113 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.12.2020 | 04:00 | 04:15 | 1.146 |
| 07.12.2020 | 04:15 | 04:30 | 1.150 |
| 07.12.2020 | 04:30 | 04:45 | 1.165 |
| 07.12.2020 | 04:45 | 05:00 | 1.194 |
| 07.12.2020 | 05:00 | 05:15 | 1.249 |
| 07.12.2020 | 05:15 | 05:30 | 1.304 |
| 07.12.2020 | 05:30 | 05:45 | 1.381 |
| 07.12.2020 | 05:45 | 06:00 | 1.457 |
| 07.12.2020 | 06:00 | 06:15 | 1.582 |
| 07.12.2020 | 06:15 | 06:30 | 1.727 |
| 07.12.2020 | 06:30 | 06:45 | 1.861 |
| 07.12.2020 | 06:45 | 07:00 | 1.964 |
| 07.12.2020 | 07:00 | 07:15 | 2.131 |
| 07.12.2020 | 07:15 | 07:30 | 2.234 |
| 07.12.2020 | 07:30 | 07:45 | 2.268 |
| 07.12.2020 | 07:45 | 08:00 | 2.285 |
| 07.12.2020 | 08:00 | 08:15 | 2.398 |
| 07.12.2020 | 08:15 | 08:30 | 2.394 |
| 07.12.2020 | 08:30 | 08:45 | 2.462 |
| 07.12.2020 | 08:45 | 09:00 | 2.510 |
| 07.12.2020 | 09:00 | 09:15 | 2.547 |
| 07.12.2020 | 09:15 | 09:30 | 2.603 |
| 07.12.2020 | 09:30 | 09:45 | 2.678 |
| 07.12.2020 | 09:45 | 10:00 | 2.686 |
| 07.12.2020 | 10:00 | 10:15 | 2.722 |
| 07.12.2020 | 10:15 | 10:30 | 2.732 |
| 07.12.2020 | 10:30 | 10:45 | 2.740 |
| 07.12.2020 | 10:45 | 11:00 | 2.778 |
| 07.12.2020 | 11:00 | 11:15 | 2.849 |
| 07.12.2020 | 11:15 | 11:30 | 2.901 |
| 07.12.2020 | 11:30 | 11:45 | 2.938 |
| 07.12.2020 | 11:45 | 12:00 | 3.031 |
| 07.12.2020 | 12:00 | 12:15 | 3.054 |
| 07.12.2020 | 12:15 | 12:30 | 3.052 |
| 07.12.2020 | 12:30 | 12:45 | 3.002 |
| 07.12.2020 | 12:45 | 13:00 | 3.028 |
| 07.12.2020 | 13:00 | 13:15 | 3.065 |
| 07.12.2020 | 13:15 | 13:30 | 3.001 |
| 07.12.2020 | 13:30 | 13:45 | 2.962 |
| 07.12.2020 | 13:45 | 14:00 | 2.878 |
| 07.12.2020 | 14:00 | 14:15 | 2.867 |
| 07.12.2020 | 14:15 | 14:30 | 2.837 |
| 07.12.2020 | 14:30 | 14:45 | 2.816 |
| 07.12.2020 | 14:45 | 15:00 | 2.727 |
| 07.12.2020 | 15:00 | 15:15 | 2.703 |
| 07.12.2020 | 15:15 | 15:30 | 2.714 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 07.12.2020 | 15:30 | 15:45 | 2.760 |
| 07.12.2020 | 15:45 | 16:00 | 2.768 |
| 07.12.2020 | 16:00 | 16:15 | 2.866 |
| 07.12.2020 | 16:15 | 16:30 | 2.952 |
| 07.12.2020 | 16:30 | 16:45 | 3.022 |
| 07.12.2020 | 16:45 | 17:00 | 3.151 |
| 07.12.2020 | 17:00 | 17:15 | 3.197 |
| 07.12.2020 | 17:15 | 17:30 | 3.234 |
| 07.12.2020 | 17:30 | 17:45 | 3.222 |
| 07.12.2020 | 17:45 | 18:00 | 3.220 |
| 07.12.2020 | 18:00 | 18:15 | 3.228 |
| 07.12.2020 | 18:15 | 18:30 | 3.210 |
| 07.12.2020 | 18:30 | 18:45 | 3.130 |
| 07.12.2020 | 18:45 | 19:00 | 3.099 |
| 07.12.2020 | 19:00 | 19:15 | 3.017 |
| 07.12.2020 | 19:15 | 19:30 | 3.008 |
| 07.12.2020 | 19:30 | 19:45 | 2.936 |
| 07.12.2020 | 19:45 | 20:00 | 2.852 |
| 07.12.2020 | 20:00 | 20:15 | 2.722 |
| 07.12.2020 | 20:15 | 20:30 | 2.598 |
| 07.12.2020 | 20:30 | 20:45 | 2.489 |
| 07.12.2020 | 20:45 | 21:00 | 2.395 |
| 07.12.2020 | 21:00 | 21:15 | 2.293 |
| 07.12.2020 | 21:15 | 21:30 | 2.199 |
| 07.12.2020 | 21:30 | 21:45 | 2.105 |
| 07.12.2020 | 21:45 | 22:00 | 2.004 |
| 07.12.2020 | 22:00 | 22:15 | 2.048 |
| 07.12.2020 | 22:15 | 22:30 | 2.000 |
| 07.12.2020 | 22:30 | 22:45 | 1.937 |
| 07.12.2020 | 22:45 | 23:00 | 1.849 |
| 07.12.2020 | 23:00 | 23:15 | 1.747 |
| 07.12.2020 | 23:15 | 23:30 | 1.689 |
| 07.12.2020 | 23:30 | 23:45 | 1.623 |
| 07.12.2020 | 23:45 | 00:00 | 1.571 |
| 08.12.2020 | 00:00 | 00:15 | 1.535 |
| 08.12.2020 | 00:15 | 00:30 | 1.474 |
| 08.12.2020 | 00:30 | 00:45 | 1.437 |
| 08.12.2020 | 00:45 | 01:00 | 1.382 |
| 08.12.2020 | 01:00 | 01:15 | 1.320 |
| 08.12.2020 | 01:15 | 01:30 | 1.286 |
| 08.12.2020 | 01:30 | 01:45 | 1.253 |
| 08.12.2020 | 01:45 | 02:00 | 1.240 |
| 08.12.2020 | 02:00 | 02:15 | 1.228 |
| 08.12.2020 | 02:15 | 02:30 | 1.220 |
| 08.12.2020 | 02:30 | 02:45 | 1.215 |
| 08.12.2020 | 02:45 | 03:00 | 1.203 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.12.2020 | 03:00 | 03:15 | 1.197 |
| 08.12.2020 | 03:15 | 03:30 | 1.202 |
| 08.12.2020 | 03:30 | 03:45 | 1.201 |
| 08.12.2020 | 03:45 | 04:00 | 1.198 |
| 08.12.2020 | 04:00 | 04:15 | 1.228 |
| 08.12.2020 | 04:15 | 04:30 | 1.255 |
| 08.12.2020 | 04:30 | 04:45 | 1.245 |
| 08.12.2020 | 04:45 | 05:00 | 1.250 |
| 08.12.2020 | 05:00 | 05:15 | 1.307 |
| 08.12.2020 | 05:15 | 05:30 | 1.345 |
| 08.12.2020 | 05:30 | 05:45 | 1.397 |
| 08.12.2020 | 05:45 | 06:00 | 1.471 |
| 08.12.2020 | 06:00 | 06:15 | 1.597 |
| 08.12.2020 | 06:15 | 06:30 | 1.766 |
| 08.12.2020 | 06:30 | 06:45 | 1.870 |
| 08.12.2020 | 06:45 | 07:00 | 1.973 |
| 08.12.2020 | 07:00 | 07:15 | 2.132 |
| 08.12.2020 | 07:15 | 07:30 | 2.226 |
| 08.12.2020 | 07:30 | 07:45 | 2.280 |
| 08.12.2020 | 07:45 | 08:00 | 2.345 |
| 08.12.2020 | 08:00 | 08:15 | 2.358 |
| 08.12.2020 | 08:15 | 08:30 | 2.363 |
| 08.12.2020 | 08:30 | 08:45 | 2.389 |
| 08.12.2020 | 08:45 | 09:00 | 2.426 |
| 08.12.2020 | 09:00 | 09:15 | 2.477 |
| 08.12.2020 | 09:15 | 09:30 | 2.496 |
| 08.12.2020 | 09:30 | 09:45 | 2.568 |
| 08.12.2020 | 09:45 | 10:00 | 2.585 |
| 08.12.2020 | 10:00 | 10:15 | 2.600 |
| 08.12.2020 | 10:15 | 10:30 | 2.615 |
| 08.12.2020 | 10:30 | 10:45 | 2.618 |
| 08.12.2020 | 10:45 | 11:00 | 2.648 |
| 08.12.2020 | 11:00 | 11:15 | 2.718 |
| 08.12.2020 | 11:15 | 11:30 | 2.761 |
| 08.12.2020 | 11:30 | 11:45 | 2.798 |
| 08.12.2020 | 11:45 | 12:00 | 2.853 |
| 08.12.2020 | 12:00 | 12:15 | 2.892 |
| 08.12.2020 | 12:15 | 12:30 | 2.929 |
| 08.12.2020 | 12:30 | 12:45 | 2.942 |
| 08.12.2020 | 12:45 | 13:00 | 2.965 |
| 08.12.2020 | 13:00 | 13:15 | 2.964 |
| 08.12.2020 | 13:15 | 13:30 | 2.928 |
| 08.12.2020 | 13:30 | 13:45 | 2.878 |
| 08.12.2020 | 13:45 | 14:00 | 2.861 |
| 08.12.2020 | 14:00 | 14:15 | 2.836 |
| 08.12.2020 | 14:15 | 14:30 | 2.792 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 08.12.2020 | 14:30 | 14:45 | 2.756 |
| 08.12.2020 | 14:45 | 15:00 | 2.790 |
| 08.12.2020 | 15:00 | 15:15 | 2.758 |
| 08.12.2020 | 15:15 | 15:30 | 2.674 |
| 08.12.2020 | 15:30 | 15:45 | 2.660 |
| 08.12.2020 | 15:45 | 16:00 | 2.701 |
| 08.12.2020 | 16:00 | 16:15 | 2.805 |
| 08.12.2020 | 16:15 | 16:30 | 2.887 |
| 08.12.2020 | 16:30 | 16:45 | 3.020 |
| 08.12.2020 | 16:45 | 17:00 | 3.153 |
| 08.12.2020 | 17:00 | 17:15 | 3.278 |
| 08.12.2020 | 17:15 | 17:30 | 3.321 |
| 08.12.2020 | 17:30 | 17:45 | 3.382 |
| 08.12.2020 | 17:45 | 18:00 | 3.383 |
| 08.12.2020 | 18:00 | 18:15 | 3.360 |
| 08.12.2020 | 18:15 | 18:30 | 3.327 |
| 08.12.2020 | 18:30 | 18:45 | 3.283 |
| 08.12.2020 | 18:45 | 19:00 | 3.275 |
| 08.12.2020 | 19:00 | 19:15 | 3.201 |
| 08.12.2020 | 19:15 | 19:30 | 3.108 |
| 08.12.2020 | 19:30 | 19:45 | 3.046 |
| 08.12.2020 | 19:45 | 20:00 | 2.970 |
| 08.12.2020 | 20:00 | 20:15 | 2.828 |
| 08.12.2020 | 20:15 | 20:30 | 2.689 |
| 08.12.2020 | 20:30 | 20:45 | 2.619 |
| 08.12.2020 | 20:45 | 21:00 | 2.539 |
| 08.12.2020 | 21:00 | 21:15 | 2.382 |
| 08.12.2020 | 21:15 | 21:30 | 2.271 |
| 08.12.2020 | 21:30 | 21:45 | 2.139 |
| 08.12.2020 | 21:45 | 22:00 | 2.050 |
| 08.12.2020 | 22:00 | 22:15 | 2.099 |
| 08.12.2020 | 22:15 | 22:30 | 2.007 |
| 08.12.2020 | 22:30 | 22:45 | 1.928 |
| 08.12.2020 | 22:45 | 23:00 | 1.853 |
| 08.12.2020 | 23:00 | 23:15 | 1.771 |
| 08.12.2020 | 23:15 | 23:30 | 1.744 |
| 08.12.2020 | 23:30 | 23:45 | 1.677 |
| 08.12.2020 | 23:45 | 00:00 | 1.613 |
| 09.12.2020 | 00:00 | 00:15 | 1.563 |
| 09.12.2020 | 00:15 | 00:30 | 1.503 |
| 09.12.2020 | 00:30 | 00:45 | 1.453 |
| 09.12.2020 | 00:45 | 01:00 | 1.423 |
| 09.12.2020 | 01:00 | 01:15 | 1.376 |
| 09.12.2020 | 01:15 | 01:30 | 1.352 |
| 09.12.2020 | 01:30 | 01:45 | 1.312 |
| 09.12.2020 | 01:45 | 02:00 | 1.303 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.12.2020 | 02:00 | 02:15 | 1.275 |
| 09.12.2020 | 02:15 | 02:30 | 1.262 |
| 09.12.2020 | 02:30 | 02:45 | 1.248 |
| 09.12.2020 | 02:45 | 03:00 | 1.239 |
| 09.12.2020 | 03:00 | 03:15 | 1.228 |
| 09.12.2020 | 03:15 | 03:30 | 1.223 |
| 09.12.2020 | 03:30 | 03:45 | 1.229 |
| 09.12.2020 | 03:45 | 04:00 | 1.224 |
| 09.12.2020 | 04:00 | 04:15 | 1.200 |
| 09.12.2020 | 04:15 | 04:30 | 1.214 |
| 09.12.2020 | 04:30 | 04:45 | 1.253 |
| 09.12.2020 | 04:45 | 05:00 | 1.294 |
| 09.12.2020 | 05:00 | 05:15 | 1.372 |
| 09.12.2020 | 05:15 | 05:30 | 1.411 |
| 09.12.2020 | 05:30 | 05:45 | 1.480 |
| 09.12.2020 | 05:45 | 06:00 | 1.593 |
| 09.12.2020 | 06:00 | 06:15 | 1.723 |
| 09.12.2020 | 06:15 | 06:30 | 1.861 |
| 09.12.2020 | 06:30 | 06:45 | 1.975 |
| 09.12.2020 | 06:45 | 07:00 | 2.115 |
| 09.12.2020 | 07:00 | 07:15 | 2.263 |
| 09.12.2020 | 07:15 | 07:30 | 2.320 |
| 09.12.2020 | 07:30 | 07:45 | 2.340 |
| 09.12.2020 | 07:45 | 08:00 | 2.389 |
| 09.12.2020 | 08:00 | 08:15 | 2.413 |
| 09.12.2020 | 08:15 | 08:30 | 2.433 |
| 09.12.2020 | 08:30 | 08:45 | 2.462 |
| 09.12.2020 | 08:45 | 09:00 | 2.530 |
| 09.12.2020 | 09:00 | 09:15 | 2.515 |
| 09.12.2020 | 09:15 | 09:30 | 2.534 |
| 09.12.2020 | 09:30 | 09:45 | 2.580 |
| 09.12.2020 | 09:45 | 10:00 | 2.615 |
| 09.12.2020 | 10:00 | 10:15 | 2.640 |
| 09.12.2020 | 10:15 | 10:30 | 2.666 |
| 09.12.2020 | 10:30 | 10:45 | 2.709 |
| 09.12.2020 | 10:45 | 11:00 | 2.765 |
| 09.12.2020 | 11:00 | 11:15 | 2.846 |
| 09.12.2020 | 11:15 | 11:30 | 2.841 |
| 09.12.2020 | 11:30 | 11:45 | 2.889 |
| 09.12.2020 | 11:45 | 12:00 | 2.891 |
| 09.12.2020 | 12:00 | 12:15 | 2.888 |
| 09.12.2020 | 12:15 | 12:30 | 2.903 |
| 09.12.2020 | 12:30 | 12:45 | 2.899 |
| 09.12.2020 | 12:45 | 13:00 | 2.907 |
| 09.12.2020 | 13:00 | 13:15 | 2.873 |
| 09.12.2020 | 13:15 | 13:30 | 2.853 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 09.12.2020 | 13:30 | 13:45 | 2.820 |
| 09.12.2020 | 13:45 | 14:00 | 2.815 |
| 09.12.2020 | 14:00 | 14:15 | 2.881 |
| 09.12.2020 | 14:15 | 14:30 | 2.900 |
| 09.12.2020 | 14:30 | 14:45 | 2.888 |
| 09.12.2020 | 14:45 | 15:00 | 2.845 |
| 09.12.2020 | 15:00 | 15:15 | 2.801 |
| 09.12.2020 | 15:15 | 15:30 | 2.757 |
| 09.12.2020 | 15:30 | 15:45 | 2.771 |
| 09.12.2020 | 15:45 | 16:00 | 2.812 |
| 09.12.2020 | 16:00 | 16:15 | 2.892 |
| 09.12.2020 | 16:15 | 16:30 | 2.937 |
| 09.12.2020 | 16:30 | 16:45 | 3.081 |
| 09.12.2020 | 16:45 | 17:00 | 3.258 |
| 09.12.2020 | 17:00 | 17:15 | 3.357 |
| 09.12.2020 | 17:15 | 17:30 | 3.444 |
| 09.12.2020 | 17:30 | 17:45 | 3.424 |
| 09.12.2020 | 17:45 | 18:00 | 3.402 |
| 09.12.2020 | 18:00 | 18:15 | 3.232 |
| 09.12.2020 | 18:15 | 18:30 | 3.227 |
| 09.12.2020 | 18:30 | 18:45 | 3.237 |
| 09.12.2020 | 18:45 | 19:00 | 3.209 |
| 09.12.2020 | 19:00 | 19:15 | 3.113 |
| 09.12.2020 | 19:15 | 19:30 | 3.037 |
| 09.12.2020 | 19:30 | 19:45 | 2.933 |
| 09.12.2020 | 19:45 | 20:00 | 2.903 |
| 09.12.2020 | 20:00 | 20:15 | 2.764 |
| 09.12.2020 | 20:15 | 20:30 | 2.618 |
| 09.12.2020 | 20:30 | 20:45 | 2.577 |
| 09.12.2020 | 20:45 | 21:00 | 2.521 |
| 09.12.2020 | 21:00 | 21:15 | 2.462 |
| 09.12.2020 | 21:15 | 21:30 | 2.381 |
| 09.12.2020 | 21:30 | 21:45 | 2.232 |
| 09.12.2020 | 21:45 | 22:00 | 2.143 |
| 09.12.2020 | 22:00 | 22:15 | 2.184 |
| 09.12.2020 | 22:15 | 22:30 | 2.117 |
| 09.12.2020 | 22:30 | 22:45 | 2.054 |
| 09.12.2020 | 22:45 | 23:00 | 1.974 |
| 09.12.2020 | 23:00 | 23:15 | 1.870 |
| 09.12.2020 | 23:15 | 23:30 | 1.811 |
| 09.12.2020 | 23:30 | 23:45 | 1.751 |
| 09.12.2020 | 23:45 | 00:00 | 1.677 |
| 10.12.2020 | 00:00 | 00:15 | 1.611 |
| 10.12.2020 | 00:15 | 00:30 | 1.555 |
| 10.12.2020 | 00:30 | 00:45 | 1.491 |
| 10.12.2020 | 00:45 | 01:00 | 1.429 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.12.2020 | 01:00 | 01:15 | 1.413 |
| 10.12.2020 | 01:15 | 01:30 | 1.403 |
| 10.12.2020 | 01:30 | 01:45 | 1.373 |
| 10.12.2020 | 01:45 | 02:00 | 1.347 |
| 10.12.2020 | 02:00 | 02:15 | 1.328 |
| 10.12.2020 | 02:15 | 02:30 | 1.306 |
| 10.12.2020 | 02:30 | 02:45 | 1.282 |
| 10.12.2020 | 02:45 | 03:00 | 1.227 |
| 10.12.2020 | 03:00 | 03:15 | 1.222 |
| 10.12.2020 | 03:15 | 03:30 | 1.213 |
| 10.12.2020 | 03:30 | 03:45 | 1.197 |
| 10.12.2020 | 03:45 | 04:00 | 1.188 |
| 10.12.2020 | 04:00 | 04:15 | 1.209 |
| 10.12.2020 | 04:15 | 04:30 | 1.252 |
| 10.12.2020 | 04:30 | 04:45 | 1.292 |
| 10.12.2020 | 04:45 | 05:00 | 1.321 |
| 10.12.2020 | 05:00 | 05:15 | 1.378 |
| 10.12.2020 | 05:15 | 05:30 | 1.421 |
| 10.12.2020 | 05:30 | 05:45 | 1.461 |
| 10.12.2020 | 05:45 | 06:00 | 1.543 |
| 10.12.2020 | 06:00 | 06:15 | 1.682 |
| 10.12.2020 | 06:15 | 06:30 | 1.830 |
| 10.12.2020 | 06:30 | 06:45 | 1.949 |
| 10.12.2020 | 06:45 | 07:00 | 2.097 |
| 10.12.2020 | 07:00 | 07:15 | 2.233 |
| 10.12.2020 | 07:15 | 07:30 | 2.325 |
| 10.12.2020 | 07:30 | 07:45 | 2.373 |
| 10.12.2020 | 07:45 | 08:00 | 2.468 |
| 10.12.2020 | 08:00 | 08:15 | 2.511 |
| 10.12.2020 | 08:15 | 08:30 | 2.540 |
| 10.12.2020 | 08:30 | 08:45 | 2.550 |
| 10.12.2020 | 08:45 | 09:00 | 2.553 |
| 10.12.2020 | 09:00 | 09:15 | 2.564 |
| 10.12.2020 | 09:15 | 09:30 | 2.558 |
| 10.12.2020 | 09:30 | 09:45 | 2.621 |
| 10.12.2020 | 09:45 | 10:00 | 2.660 |
| 10.12.2020 | 10:00 | 10:15 | 2.677 |
| 10.12.2020 | 10:15 | 10:30 | 2.675 |
| 10.12.2020 | 10:30 | 10:45 | 2.700 |
| 10.12.2020 | 10:45 | 11:00 | 2.696 |
| 10.12.2020 | 11:00 | 11:15 | 2.754 |
| 10.12.2020 | 11:15 | 11:30 | 2.786 |
| 10.12.2020 | 11:30 | 11:45 | 2.773 |
| 10.12.2020 | 11:45 | 12:00 | 2.793 |
| 10.12.2020 | 12:00 | 12:15 | 2.814 |
| 10.12.2020 | 12:15 | 12:30 | 2.899 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 10.12.2020 | 12:30 | 12:45 | 2.891 |
| 10.12.2020 | 12:45 | 13:00 | 2.951 |
| 10.12.2020 | 13:00 | 13:15 | 2.938 |
| 10.12.2020 | 13:15 | 13:30 | 2.927 |
| 10.12.2020 | 13:30 | 13:45 | 2.876 |
| 10.12.2020 | 13:45 | 14:00 | 2.827 |
| 10.12.2020 | 14:00 | 14:15 | 2.775 |
| 10.12.2020 | 14:15 | 14:30 | 2.752 |
| 10.12.2020 | 14:30 | 14:45 | 2.771 |
| 10.12.2020 | 14:45 | 15:00 | 2.758 |
| 10.12.2020 | 15:00 | 15:15 | 2.760 |
| 10.12.2020 | 15:15 | 15:30 | 2.803 |
| 10.12.2020 | 15:30 | 15:45 | 2.867 |
| 10.12.2020 | 15:45 | 16:00 | 2.894 |
| 10.12.2020 | 16:00 | 16:15 | 3.009 |
| 10.12.2020 | 16:15 | 16:30 | 3.084 |
| 10.12.2020 | 16:30 | 16:45 | 3.173 |
| 10.12.2020 | 16:45 | 17:00 | 3.305 |
| 10.12.2020 | 17:00 | 17:15 | 3.385 |
| 10.12.2020 | 17:15 | 17:30 | 3.434 |
| 10.12.2020 | 17:30 | 17:45 | 3.401 |
| 10.12.2020 | 17:45 | 18:00 | 3.368 |
| 10.12.2020 | 18:00 | 18:15 | 3.365 |
| 10.12.2020 | 18:15 | 18:30 | 3.374 |
| 10.12.2020 | 18:30 | 18:45 | 3.280 |
| 10.12.2020 | 18:45 | 19:00 | 3.224 |
| 10.12.2020 | 19:00 | 19:15 | 3.152 |
| 10.12.2020 | 19:15 | 19:30 | 3.087 |
| 10.12.2020 | 19:30 | 19:45 | 2.998 |
| 10.12.2020 | 19:45 | 20:00 | 2.955 |
| 10.12.2020 | 20:00 | 20:15 | 2.814 |
| 10.12.2020 | 20:15 | 20:30 | 2.715 |
| 10.12.2020 | 20:30 | 20:45 | 2.579 |
| 10.12.2020 | 20:45 | 21:00 | 2.488 |
| 10.12.2020 | 21:00 | 21:15 | 2.423 |
| 10.12.2020 | 21:15 | 21:30 | 2.346 |
| 10.12.2020 | 21:30 | 21:45 | 2.200 |
| 10.12.2020 | 21:45 | 22:00 | 2.111 |
| 10.12.2020 | 22:00 | 22:15 | 2.163 |
| 10.12.2020 | 22:15 | 22:30 | 2.110 |
| 10.12.2020 | 22:30 | 22:45 | 2.003 |
| 10.12.2020 | 22:45 | 23:00 | 1.922 |
| 10.12.2020 | 23:00 | 23:15 | 1.861 |
| 10.12.2020 | 23:15 | 23:30 | 1.826 |
| 10.12.2020 | 23:30 | 23:45 | 1.743 |
| 10.12.2020 | 23:45 | 00:00 | 1.680 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.12.2020 | 00:00 | 00:15 | 1.637 |
| 11.12.2020 | 00:15 | 00:30 | 1.577 |
| 11.12.2020 | 00:30 | 00:45 | 1.517 |
| 11.12.2020 | 00:45 | 01:00 | 1.485 |
| 11.12.2020 | 01:00 | 01:15 | 1.432 |
| 11.12.2020 | 01:15 | 01:30 | 1.402 |
| 11.12.2020 | 01:30 | 01:45 | 1.361 |
| 11.12.2020 | 01:45 | 02:00 | 1.316 |
| 11.12.2020 | 02:00 | 02:15 | 1.283 |
| 11.12.2020 | 02:15 | 02:30 | 1.264 |
| 11.12.2020 | 02:30 | 02:45 | 1.256 |
| 11.12.2020 | 02:45 | 03:00 | 1.251 |
| 11.12.2020 | 03:00 | 03:15 | 1.251 |
| 11.12.2020 | 03:15 | 03:30 | 1.263 |
| 11.12.2020 | 03:30 | 03:45 | 1.244 |
| 11.12.2020 | 03:45 | 04:00 | 1.253 |
| 11.12.2020 | 04:00 | 04:15 | 1.272 |
| 11.12.2020 | 04:15 | 04:30 | 1.322 |
| 11.12.2020 | 04:30 | 04:45 | 1.356 |
| 11.12.2020 | 04:45 | 05:00 | 1.387 |
| 11.12.2020 | 05:00 | 05:15 | 1.461 |
| 11.12.2020 | 05:15 | 05:30 | 1.509 |
| 11.12.2020 | 05:30 | 05:45 | 1.601 |
| 11.12.2020 | 05:45 | 06:00 | 1.698 |
| 11.12.2020 | 06:00 | 06:15 | 1.802 |
| 11.12.2020 | 06:15 | 06:30 | 1.946 |
| 11.12.2020 | 06:30 | 06:45 | 2.092 |
| 11.12.2020 | 06:45 | 07:00 | 2.218 |
| 11.12.2020 | 07:00 | 07:15 | 2.386 |
| 11.12.2020 | 07:15 | 07:30 | 2.430 |
| 11.12.2020 | 07:30 | 07:45 | 2.457 |
| 11.12.2020 | 07:45 | 08:00 | 2.563 |
| 11.12.2020 | 08:00 | 08:15 | 2.637 |
| 11.12.2020 | 08:15 | 08:30 | 2.658 |
| 11.12.2020 | 08:30 | 08:45 | 2.661 |
| 11.12.2020 | 08:45 | 09:00 | 2.665 |
| 11.12.2020 | 09:00 | 09:15 | 2.679 |
| 11.12.2020 | 09:15 | 09:30 | 2.703 |
| 11.12.2020 | 09:30 | 09:45 | 2.708 |
| 11.12.2020 | 09:45 | 10:00 | 2.792 |
| 11.12.2020 | 10:00 | 10:15 | 2.796 |
| 11.12.2020 | 10:15 | 10:30 | 2.876 |
| 11.12.2020 | 10:30 | 10:45 | 2.920 |
| 11.12.2020 | 10:45 | 11:00 | 2.907 |
| 11.12.2020 | 11:00 | 11:15 | 2.888 |
| 11.12.2020 | 11:15 | 11:30 | 2.902 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.12.2020 | 11:30 | 11:45 | 2.895 |
| 11.12.2020 | 11:45 | 12:00 | 2.884 |
| 11.12.2020 | 12:00 | 12:15 | 2.923 |
| 11.12.2020 | 12:15 | 12:30 | 2.917 |
| 11.12.2020 | 12:30 | 12:45 | 2.921 |
| 11.12.2020 | 12:45 | 13:00 | 2.943 |
| 11.12.2020 | 13:00 | 13:15 | 2.919 |
| 11.12.2020 | 13:15 | 13:30 | 2.929 |
| 11.12.2020 | 13:30 | 13:45 | 2.889 |
| 11.12.2020 | 13:45 | 14:00 | 2.868 |
| 11.12.2020 | 14:00 | 14:15 | 2.835 |
| 11.12.2020 | 14:15 | 14:30 | 2.830 |
| 11.12.2020 | 14:30 | 14:45 | 2.820 |
| 11.12.2020 | 14:45 | 15:00 | 2.745 |
| 11.12.2020 | 15:00 | 15:15 | 2.679 |
| 11.12.2020 | 15:15 | 15:30 | 2.664 |
| 11.12.2020 | 15:30 | 15:45 | 2.661 |
| 11.12.2020 | 15:45 | 16:00 | 2.706 |
| 11.12.2020 | 16:00 | 16:15 | 2.809 |
| 11.12.2020 | 16:15 | 16:30 | 2.823 |
| 11.12.2020 | 16:30 | 16:45 | 2.889 |
| 11.12.2020 | 16:45 | 17:00 | 3.085 |
| 11.12.2020 | 17:00 | 17:15 | 3.128 |
| 11.12.2020 | 17:15 | 17:30 | 3.139 |
| 11.12.2020 | 17:30 | 17:45 | 3.190 |
| 11.12.2020 | 17:45 | 18:00 | 3.263 |
| 11.12.2020 | 18:00 | 18:15 | 3.215 |
| 11.12.2020 | 18:15 | 18:30 | 3.120 |
| 11.12.2020 | 18:30 | 18:45 | 3.200 |
| 11.12.2020 | 18:45 | 19:00 | 3.205 |
| 11.12.2020 | 19:00 | 19:15 | 3.096 |
| 11.12.2020 | 19:15 | 19:30 | 3.019 |
| 11.12.2020 | 19:30 | 19:45 | 2.951 |
| 11.12.2020 | 19:45 | 20:00 | 2.839 |
| 11.12.2020 | 20:00 | 20:15 | 2.721 |
| 11.12.2020 | 20:15 | 20:30 | 2.617 |
| 11.12.2020 | 20:30 | 20:45 | 2.519 |
| 11.12.2020 | 20:45 | 21:00 | 2.374 |
| 11.12.2020 | 21:00 | 21:15 | 2.301 |
| 11.12.2020 | 21:15 | 21:30 | 2.108 |
| 11.12.2020 | 21:30 | 21:45 | 2.001 |
| 11.12.2020 | 21:45 | 22:00 | 1.901 |
| 11.12.2020 | 22:00 | 22:15 | 1.958 |
| 11.12.2020 | 22:15 | 22:30 | 1.933 |
| 11.12.2020 | 22:30 | 22:45 | 1.861 |
| 11.12.2020 | 22:45 | 23:00 | 1.820 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 11.12.2020 | 23:00 | 23:15 | 1.745 |
| 11.12.2020 | 23:15 | 23:30 | 1.684 |
| 11.12.2020 | 23:30 | 23:45 | 1.596 |
| 11.12.2020 | 23:45 | 00:00 | 1.535 |
| 12.12.2020 | 00:00 | 00:15 | 1.501 |
| 12.12.2020 | 00:15 | 00:30 | 1.437 |
| 12.12.2020 | 00:30 | 00:45 | 1.390 |
| 12.12.2020 | 00:45 | 01:00 | 1.353 |
| 12.12.2020 | 01:00 | 01:15 | 1.294 |
| 12.12.2020 | 01:15 | 01:30 | 1.252 |
| 12.12.2020 | 01:30 | 01:45 | 1.234 |
| 12.12.2020 | 01:45 | 02:00 | 1.222 |
| 12.12.2020 | 02:00 | 02:15 | 1.165 |
| 12.12.2020 | 02:15 | 02:30 | 1.152 |
| 12.12.2020 | 02:30 | 02:45 | 1.117 |
| 12.12.2020 | 02:45 | 03:00 | 1.094 |
| 12.12.2020 | 03:00 | 03:15 | 1.092 |
| 12.12.2020 | 03:15 | 03:30 | 1.076 |
| 12.12.2020 | 03:30 | 03:45 | 1.087 |
| 12.12.2020 | 03:45 | 04:00 | 1.097 |
| 12.12.2020 | 04:00 | 04:15 | 1.102 |
| 12.12.2020 | 04:15 | 04:30 | 1.105 |
| 12.12.2020 | 04:30 | 04:45 | 1.116 |
| 12.12.2020 | 04:45 | 05:00 | 1.137 |
| 12.12.2020 | 05:00 | 05:15 | 1.159 |
| 12.12.2020 | 05:15 | 05:30 | 1.168 |
| 12.12.2020 | 05:30 | 05:45 | 1.187 |
| 12.12.2020 | 05:45 | 06:00 | 1.217 |
| 12.12.2020 | 06:00 | 06:15 | 1.232 |
| 12.12.2020 | 06:15 | 06:30 | 1.280 |
| 12.12.2020 | 06:30 | 06:45 | 1.306 |
| 12.12.2020 | 06:45 | 07:00 | 1.348 |
| 12.12.2020 | 07:00 | 07:15 | 1.424 |
| 12.12.2020 | 07:15 | 07:30 | 1.498 |
| 12.12.2020 | 07:30 | 07:45 | 1.564 |
| 12.12.2020 | 07:45 | 08:00 | 1.626 |
| 12.12.2020 | 08:00 | 08:15 | 1.675 |
| 12.12.2020 | 08:15 | 08:30 | 1.723 |
| 12.12.2020 | 08:30 | 08:45 | 1.779 |
| 12.12.2020 | 08:45 | 09:00 | 1.817 |
| 12.12.2020 | 09:00 | 09:15 | 1.884 |
| 12.12.2020 | 09:15 | 09:30 | 1.960 |
| 12.12.2020 | 09:30 | 09:45 | 2.023 |
| 12.12.2020 | 09:45 | 10:00 | 2.143 |
| 12.12.2020 | 10:00 | 10:15 | 2.236 |
| 12.12.2020 | 10:15 | 10:30 | 2.285 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.12.2020 | 10:30 | 10:45 | 2.337 |
| 12.12.2020 | 10:45 | 11:00 | 2.375 |
| 12.12.2020 | 11:00 | 11:15 | 2.394 |
| 12.12.2020 | 11:15 | 11:30 | 2.454 |
| 12.12.2020 | 11:30 | 11:45 | 2.465 |
| 12.12.2020 | 11:45 | 12:00 | 2.469 |
| 12.12.2020 | 12:00 | 12:15 | 2.422 |
| 12.12.2020 | 12:15 | 12:30 | 2.433 |
| 12.12.2020 | 12:30 | 12:45 | 2.410 |
| 12.12.2020 | 12:45 | 13:00 | 2.395 |
| 12.12.2020 | 13:00 | 13:15 | 2.377 |
| 12.12.2020 | 13:15 | 13:30 | 2.381 |
| 12.12.2020 | 13:30 | 13:45 | 2.336 |
| 12.12.2020 | 13:45 | 14:00 | 2.340 |
| 12.12.2020 | 14:00 | 14:15 | 2.292 |
| 12.12.2020 | 14:15 | 14:30 | 2.263 |
| 12.12.2020 | 14:30 | 14:45 | 2.289 |
| 12.12.2020 | 14:45 | 15:00 | 2.285 |
| 12.12.2020 | 15:00 | 15:15 | 2.249 |
| 12.12.2020 | 15:15 | 15:30 | 2.263 |
| 12.12.2020 | 15:30 | 15:45 | 2.265 |
| 12.12.2020 | 15:45 | 16:00 | 2.259 |
| 12.12.2020 | 16:00 | 16:15 | 2.314 |
| 12.12.2020 | 16:15 | 16:30 | 2.386 |
| 12.12.2020 | 16:30 | 16:45 | 2.523 |
| 12.12.2020 | 16:45 | 17:00 | 2.652 |
| 12.12.2020 | 17:00 | 17:15 | 2.674 |
| 12.12.2020 | 17:15 | 17:30 | 2.698 |
| 12.12.2020 | 17:30 | 17:45 | 2.753 |
| 12.12.2020 | 17:45 | 18:00 | 2.771 |
| 12.12.2020 | 18:00 | 18:15 | 2.771 |
| 12.12.2020 | 18:15 | 18:30 | 2.726 |
| 12.12.2020 | 18:30 | 18:45 | 2.703 |
| 12.12.2020 | 18:45 | 19:00 | 2.710 |
| 12.12.2020 | 19:00 | 19:15 | 2.646 |
| 12.12.2020 | 19:15 | 19:30 | 2.563 |
| 12.12.2020 | 19:30 | 19:45 | 2.501 |
| 12.12.2020 | 19:45 | 20:00 | 2.383 |
| 12.12.2020 | 20:00 | 20:15 | 2.288 |
| 12.12.2020 | 20:15 | 20:30 | 2.208 |
| 12.12.2020 | 20:30 | 20:45 | 2.090 |
| 12.12.2020 | 20:45 | 21:00 | 2.018 |
| 12.12.2020 | 21:00 | 21:15 | 1.918 |
| 12.12.2020 | 21:15 | 21:30 | 1.842 |
| 12.12.2020 | 21:30 | 21:45 | 1.767 |
| 12.12.2020 | 21:45 | 22:00 | 1.715 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 12.12.2020 | 22:00 | 22:15 | 1.777 |
| 12.12.2020 | 22:15 | 22:30 | 1.720 |
| 12.12.2020 | 22:30 | 22:45 | 1.661 |
| 12.12.2020 | 22:45 | 23:00 | 1.592 |
| 12.12.2020 | 23:00 | 23:15 | 1.536 |
| 12.12.2020 | 23:15 | 23:30 | 1.481 |
| 12.12.2020 | 23:30 | 23:45 | 1.437 |
| 12.12.2020 | 23:45 | 00:00 | 1.381 |
| 13.12.2020 | 00:00 | 00:15 | 1.319 |
| 13.12.2020 | 00:15 | 00:30 | 1.258 |
| 13.12.2020 | 00:30 | 00:45 | 1.218 |
| 13.12.2020 | 00:45 | 01:00 | 1.177 |
| 13.12.2020 | 01:00 | 01:15 | 1.134 |
| 13.12.2020 | 01:15 | 01:30 | 1.105 |
| 13.12.2020 | 01:30 | 01:45 | 1.074 |
| 13.12.2020 | 01:45 | 02:00 | 1.055 |
| 13.12.2020 | 02:00 | 02:15 | 1.038 |
| 13.12.2020 | 02:15 | 02:30 | 1.025 |
| 13.12.2020 | 02:30 | 02:45 | 1.010 |
| 13.12.2020 | 02:45 | 03:00 | 990 |
| 13.12.2020 | 03:00 | 03:15 | 989 |
| 13.12.2020 | 03:15 | 03:30 | 978 |
| 13.12.2020 | 03:30 | 03:45 | 978 |
| 13.12.2020 | 03:45 | 04:00 | 974 |
| 13.12.2020 | 04:00 | 04:15 | 973 |
| 13.12.2020 | 04:15 | 04:30 | 974 |
| 13.12.2020 | 04:30 | 04:45 | 978 |
| 13.12.2020 | 04:45 | 05:00 | 988 |
| 13.12.2020 | 05:00 | 05:15 | 995 |
| 13.12.2020 | 05:15 | 05:30 | 1.001 |
| 13.12.2020 | 05:30 | 05:45 | 1.013 |
| 13.12.2020 | 05:45 | 06:00 | 1.032 |
| 13.12.2020 | 06:00 | 06:15 | 1.013 |
| 13.12.2020 | 06:15 | 06:30 | 992 |
| 13.12.2020 | 06:30 | 06:45 | 1.016 |
| 13.12.2020 | 06:45 | 07:00 | 1.047 |
| 13.12.2020 | 07:00 | 07:15 | 1.079 |
| 13.12.2020 | 07:15 | 07:30 | 1.110 |
| 13.12.2020 | 07:30 | 07:45 | 1.148 |
| 13.12.2020 | 07:45 | 08:00 | 1.202 |
| 13.12.2020 | 08:00 | 08:15 | 1.262 |
| 13.12.2020 | 08:15 | 08:30 | 1.297 |
| 13.12.2020 | 08:30 | 08:45 | 1.369 |
| 13.12.2020 | 08:45 | 09:00 | 1.445 |
| 13.12.2020 | 09:00 | 09:15 | 1.517 |
| 13.12.2020 | 09:15 | 09:30 | 1.598 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 13.12.2020 | 09:30 | 09:45 | 1.658 |
| 13.12.2020 | 09:45 | 10:00 | 1.748 |
| 13.12.2020 | 10:00 | 10:15 | 1.841 |
| 13.12.2020 | 10:15 | 10:30 | 1.914 |
| 13.12.2020 | 10:30 | 10:45 | 1.988 |
| 13.12.2020 | 10:45 | 11:00 | 2.046 |
| 13.12.2020 | 11:00 | 11:15 | 2.087 |
| 13.12.2020 | 11:15 | 11:30 | 2.127 |
| 13.12.2020 | 11:30 | 11:45 | 2.171 |
| 13.12.2020 | 11:45 | 12:00 | 2.227 |
| 13.12.2020 | 12:00 | 12:15 | 2.266 |
| 13.12.2020 | 12:15 | 12:30 | 2.305 |
| 13.12.2020 | 12:30 | 12:45 | 2.316 |
| 13.12.2020 | 12:45 | 13:00 | 2.287 |
| 13.12.2020 | 13:00 | 13:15 | 2.254 |
| 13.12.2020 | 13:15 | 13:30 | 2.219 |
| 13.12.2020 | 13:30 | 13:45 | 2.214 |
| 13.12.2020 | 13:45 | 14:00 | 2.232 |
| 13.12.2020 | 14:00 | 14:15 | 2.144 |
| 13.12.2020 | 14:15 | 14:30 | 2.107 |
| 13.12.2020 | 14:30 | 14:45 | 2.106 |
| 13.12.2020 | 14:45 | 15:00 | 2.089 |
| 13.12.2020 | 15:00 | 15:15 | 2.054 |
| 13.12.2020 | 15:15 | 15:30 | 2.075 |
| 13.12.2020 | 15:30 | 15:45 | 2.066 |
| 13.12.2020 | 15:45 | 16:00 | 2.070 |
| 13.12.2020 | 16:00 | 16:15 | 2.095 |
| 13.12.2020 | 16:15 | 16:30 | 2.121 |
| 13.12.2020 | 16:30 | 16:45 | 2.218 |
| 13.12.2020 | 16:45 | 17:00 | 2.351 |
| 13.12.2020 | 17:00 | 17:15 | 2.443 |
| 13.12.2020 | 17:15 | 17:30 | 2.436 |
| 13.12.2020 | 17:30 | 17:45 | 2.425 |
| 13.12.2020 | 17:45 | 18:00 | 2.485 |
| 13.12.2020 | 18:00 | 18:15 | 2.482 |
| 13.12.2020 | 18:15 | 18:30 | 2.468 |
| 13.12.2020 | 18:30 | 18:45 | 2.436 |
| 13.12.2020 | 18:45 | 19:00 | 2.399 |
| 13.12.2020 | 19:00 | 19:15 | 2.330 |
| 13.12.2020 | 19:15 | 19:30 | 2.290 |
| 13.12.2020 | 19:30 | 19:45 | 2.254 |
| 13.12.2020 | 19:45 | 20:00 | 2.185 |
| 13.12.2020 | 20:00 | 20:15 | 2.098 |
| 13.12.2020 | 20:15 | 20:30 | 2.031 |
| 13.12.2020 | 20:30 | 20:45 | 1.949 |
| 13.12.2020 | 20:45 | 21:00 | 1.869 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 13.12.2020 | 21:00 | 21:15 | 1.822 |
| 13.12.2020 | 21:15 | 21:30 | 1.776 |
| 13.12.2020 | 21:30 | 21:45 | 1.701 |
| 13.12.2020 | 21:45 | 22:00 | 1.658 |
| 13.12.2020 | 22:00 | 22:15 | 1.764 |
| 13.12.2020 | 22:15 | 22:30 | 1.705 |
| 13.12.2020 | 22:30 | 22:45 | 1.656 |
| 13.12.2020 | 22:45 | 23:00 | 1.590 |
| 13.12.2020 | 23:00 | 23:15 | 1.516 |
| 13.12.2020 | 23:15 | 23:30 | 1.471 |
| 13.12.2020 | 23:30 | 23:45 | 1.419 |
| 13.12.2020 | 23:45 | 00:00 | 1.349 |
| 14.12.2020 | 00:00 | 00:15 | 1.299 |
| 14.12.2020 | 00:15 | 00:30 | 1.252 |
| 14.12.2020 | 00:30 | 00:45 | 1.218 |
| 14.12.2020 | 00:45 | 01:00 | 1.178 |
| 14.12.2020 | 01:00 | 01:15 | 1.149 |
| 14.12.2020 | 01:15 | 01:30 | 1.121 |
| 14.12.2020 | 01:30 | 01:45 | 1.101 |
| 14.12.2020 | 01:45 | 02:00 | 1.086 |
| 14.12.2020 | 02:00 | 02:15 | 1.070 |
| 14.12.2020 | 02:15 | 02:30 | 1.054 |
| 14.12.2020 | 02:30 | 02:45 | 1.045 |
| 14.12.2020 | 02:45 | 03:00 | 1.039 |
| 14.12.2020 | 03:00 | 03:15 | 1.040 |
| 14.12.2020 | 03:15 | 03:30 | 1.045 |
| 14.12.2020 | 03:30 | 03:45 | 1.049 |
| 14.12.2020 | 03:45 | 04:00 | 1.062 |
| 14.12.2020 | 04:00 | 04:15 | 1.096 |
| 14.12.2020 | 04:15 | 04:30 | 1.117 |
| 14.12.2020 | 04:30 | 04:45 | 1.142 |
| 14.12.2020 | 04:45 | 05:00 | 1.177 |
| 14.12.2020 | 05:00 | 05:15 | 1.245 |
| 14.12.2020 | 05:15 | 05:30 | 1.290 |
| 14.12.2020 | 05:30 | 05:45 | 1.354 |
| 14.12.2020 | 05:45 | 06:00 | 1.459 |
| 14.12.2020 | 06:00 | 06:15 | 1.572 |
| 14.12.2020 | 06:15 | 06:30 | 1.735 |
| 14.12.2020 | 06:30 | 06:45 | 1.840 |
| 14.12.2020 | 06:45 | 07:00 | 1.953 |
| 14.12.2020 | 07:00 | 07:15 | 2.073 |
| 14.12.2020 | 07:15 | 07:30 | 2.131 |
| 14.12.2020 | 07:30 | 07:45 | 2.176 |
| 14.12.2020 | 07:45 | 08:00 | 2.216 |
| 14.12.2020 | 08:00 | 08:15 | 2.294 |
| 14.12.2020 | 08:15 | 08:30 | 2.294 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.12.2020 | 08:30 | 08:45 | 2.342 |
| 14.12.2020 | 08:45 | 09:00 | 2.364 |
| 14.12.2020 | 09:00 | 09:15 | 2.397 |
| 14.12.2020 | 09:15 | 09:30 | 2.454 |
| 14.12.2020 | 09:30 | 09:45 | 2.528 |
| 14.12.2020 | 09:45 | 10:00 | 2.578 |
| 14.12.2020 | 10:00 | 10:15 | 2.579 |
| 14.12.2020 | 10:15 | 10:30 | 2.599 |
| 14.12.2020 | 10:30 | 10:45 | 2.616 |
| 14.12.2020 | 10:45 | 11:00 | 2.660 |
| 14.12.2020 | 11:00 | 11:15 | 2.676 |
| 14.12.2020 | 11:15 | 11:30 | 2.732 |
| 14.12.2020 | 11:30 | 11:45 | 2.788 |
| 14.12.2020 | 11:45 | 12:00 | 2.857 |
| 14.12.2020 | 12:00 | 12:15 | 2.876 |
| 14.12.2020 | 12:15 | 12:30 | 2.897 |
| 14.12.2020 | 12:30 | 12:45 | 2.878 |
| 14.12.2020 | 12:45 | 13:00 | 2.871 |
| 14.12.2020 | 13:00 | 13:15 | 2.854 |
| 14.12.2020 | 13:15 | 13:30 | 2.815 |
| 14.12.2020 | 13:30 | 13:45 | 2.735 |
| 14.12.2020 | 13:45 | 14:00 | 2.743 |
| 14.12.2020 | 14:00 | 14:15 | 2.712 |
| 14.12.2020 | 14:15 | 14:30 | 2.704 |
| 14.12.2020 | 14:30 | 14:45 | 2.714 |
| 14.12.2020 | 14:45 | 15:00 | 2.709 |
| 14.12.2020 | 15:00 | 15:15 | 2.658 |
| 14.12.2020 | 15:15 | 15:30 | 2.631 |
| 14.12.2020 | 15:30 | 15:45 | 2.619 |
| 14.12.2020 | 15:45 | 16:00 | 2.647 |
| 14.12.2020 | 16:00 | 16:15 | 2.716 |
| 14.12.2020 | 16:15 | 16:30 | 2.878 |
| 14.12.2020 | 16:30 | 16:45 | 2.980 |
| 14.12.2020 | 16:45 | 17:00 | 3.166 |
| 14.12.2020 | 17:00 | 17:15 | 3.263 |
| 14.12.2020 | 17:15 | 17:30 | 3.273 |
| 14.12.2020 | 17:30 | 17:45 | 3.265 |
| 14.12.2020 | 17:45 | 18:00 | 3.316 |
| 14.12.2020 | 18:00 | 18:15 | 3.277 |
| 14.12.2020 | 18:15 | 18:30 | 3.260 |
| 14.12.2020 | 18:30 | 18:45 | 3.184 |
| 14.12.2020 | 18:45 | 19:00 | 3.192 |
| 14.12.2020 | 19:00 | 19:15 | 3.112 |
| 14.12.2020 | 19:15 | 19:30 | 3.091 |
| 14.12.2020 | 19:30 | 19:45 | 3.002 |
| 14.12.2020 | 19:45 | 20:00 | 2.945 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 14.12.2020 | 20:00 | 20:15 | 2.816 |
| 14.12.2020 | 20:15 | 20:30 | 2.663 |
| 14.12.2020 | 20:30 | 20:45 | 2.543 |
| 14.12.2020 | 20:45 | 21:00 | 2.467 |
| 14.12.2020 | 21:00 | 21:15 | 2.359 |
| 14.12.2020 | 21:15 | 21:30 | 2.252 |
| 14.12.2020 | 21:30 | 21:45 | 2.161 |
| 14.12.2020 | 21:45 | 22:00 | 1.994 |
| 14.12.2020 | 22:00 | 22:15 | 2.042 |
| 14.12.2020 | 22:15 | 22:30 | 1.971 |
| 14.12.2020 | 22:30 | 22:45 | 1.909 |
| 14.12.2020 | 22:45 | 23:00 | 1.844 |
| 14.12.2020 | 23:00 | 23:15 | 1.771 |
| 14.12.2020 | 23:15 | 23:30 | 1.720 |
| 14.12.2020 | 23:30 | 23:45 | 1.652 |
| 14.12.2020 | 23:45 | 00:00 | 1.576 |
| 15.12.2020 | 00:00 | 00:15 | 1.546 |
| 15.12.2020 | 00:15 | 00:30 | 1.497 |
| 15.12.2020 | 00:30 | 00:45 | 1.427 |
| 15.12.2020 | 00:45 | 01:00 | 1.383 |
| 15.12.2020 | 01:00 | 01:15 | 1.331 |
| 15.12.2020 | 01:15 | 01:30 | 1.291 |
| 15.12.2020 | 01:30 | 01:45 | 1.259 |
| 15.12.2020 | 01:45 | 02:00 | 1.267 |
| 15.12.2020 | 02:00 | 02:15 | 1.246 |
| 15.12.2020 | 02:15 | 02:30 | 1.235 |
| 15.12.2020 | 02:30 | 02:45 | 1.230 |
| 15.12.2020 | 02:45 | 03:00 | 1.212 |
| 15.12.2020 | 03:00 | 03:15 | 1.190 |
| 15.12.2020 | 03:15 | 03:30 | 1.190 |
| 15.12.2020 | 03:30 | 03:45 | 1.187 |
| 15.12.2020 | 03:45 | 04:00 | 1.180 |
| 15.12.2020 | 04:00 | 04:15 | 1.194 |
| 15.12.2020 | 04:15 | 04:30 | 1.260 |
| 15.12.2020 | 04:30 | 04:45 | 1.299 |
| 15.12.2020 | 04:45 | 05:00 | 1.325 |
| 15.12.2020 | 05:00 | 05:15 | 1.386 |
| 15.12.2020 | 05:15 | 05:30 | 1.434 |
| 15.12.2020 | 05:30 | 05:45 | 1.523 |
| 15.12.2020 | 05:45 | 06:00 | 1.618 |
| 15.12.2020 | 06:00 | 06:15 | 1.730 |
| 15.12.2020 | 06:15 | 06:30 | 1.857 |
| 15.12.2020 | 06:30 | 06:45 | 1.961 |
| 15.12.2020 | 06:45 | 07:00 | 2.071 |
| 15.12.2020 | 07:00 | 07:15 | 2.197 |
| 15.12.2020 | 07:15 | 07:30 | 2.298 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.12.2020 | 07:30 | 07:45 | 2.374 |
| 15.12.2020 | 07:45 | 08:00 | 2.465 |
| 15.12.2020 | 08:00 | 08:15 | 2.548 |
| 15.12.2020 | 08:15 | 08:30 | 2.569 |
| 15.12.2020 | 08:30 | 08:45 | 2.587 |
| 15.12.2020 | 08:45 | 09:00 | 2.632 |
| 15.12.2020 | 09:00 | 09:15 | 2.645 |
| 15.12.2020 | 09:15 | 09:30 | 2.673 |
| 15.12.2020 | 09:30 | 09:45 | 2.722 |
| 15.12.2020 | 09:45 | 10:00 | 2.736 |
| 15.12.2020 | 10:00 | 10:15 | 2.755 |
| 15.12.2020 | 10:15 | 10:30 | 2.773 |
| 15.12.2020 | 10:30 | 10:45 | 2.797 |
| 15.12.2020 | 10:45 | 11:00 | 2.820 |
| 15.12.2020 | 11:00 | 11:15 | 2.909 |
| 15.12.2020 | 11:15 | 11:30 | 2.976 |
| 15.12.2020 | 11:30 | 11:45 | 2.974 |
| 15.12.2020 | 11:45 | 12:00 | 3.037 |
| 15.12.2020 | 12:00 | 12:15 | 3.070 |
| 15.12.2020 | 12:15 | 12:30 | 3.089 |
| 15.12.2020 | 12:30 | 12:45 | 3.102 |
| 15.12.2020 | 12:45 | 13:00 | 3.106 |
| 15.12.2020 | 13:00 | 13:15 | 3.050 |
| 15.12.2020 | 13:15 | 13:30 | 3.034 |
| 15.12.2020 | 13:30 | 13:45 | 3.032 |
| 15.12.2020 | 13:45 | 14:00 | 2.954 |
| 15.12.2020 | 14:00 | 14:15 | 2.856 |
| 15.12.2020 | 14:15 | 14:30 | 2.851 |
| 15.12.2020 | 14:30 | 14:45 | 2.868 |
| 15.12.2020 | 14:45 | 15:00 | 2.872 |
| 15.12.2020 | 15:00 | 15:15 | 2.805 |
| 15.12.2020 | 15:15 | 15:30 | 2.772 |
| 15.12.2020 | 15:30 | 15:45 | 2.733 |
| 15.12.2020 | 15:45 | 16:00 | 2.740 |
| 15.12.2020 | 16:00 | 16:15 | 2.827 |
| 15.12.2020 | 16:15 | 16:30 | 2.935 |
| 15.12.2020 | 16:30 | 16:45 | 3.022 |
| 15.12.2020 | 16:45 | 17:00 | 3.179 |
| 15.12.2020 | 17:00 | 17:15 | 3.184 |
| 15.12.2020 | 17:15 | 17:30 | 3.188 |
| 15.12.2020 | 17:30 | 17:45 | 3.195 |
| 15.12.2020 | 17:45 | 18:00 | 3.197 |
| 15.12.2020 | 18:00 | 18:15 | 3.166 |
| 15.12.2020 | 18:15 | 18:30 | 3.168 |
| 15.12.2020 | 18:30 | 18:45 | 3.148 |
| 15.12.2020 | 18:45 | 19:00 | 3.132 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 15.12.2020 | 19:00 | 19:15 | 3.069 |
| 15.12.2020 | 19:15 | 19:30 | 3.055 |
| 15.12.2020 | 19:30 | 19:45 | 2.942 |
| 15.12.2020 | 19:45 | 20:00 | 2.875 |
| 15.12.2020 | 20:00 | 20:15 | 2.781 |
| 15.12.2020 | 20:15 | 20:30 | 2.693 |
| 15.12.2020 | 20:30 | 20:45 | 2.564 |
| 15.12.2020 | 20:45 | 21:00 | 2.458 |
| 15.12.2020 | 21:00 | 21:15 | 2.322 |
| 15.12.2020 | 21:15 | 21:30 | 2.207 |
| 15.12.2020 | 21:30 | 21:45 | 2.088 |
| 15.12.2020 | 21:45 | 22:00 | 2.003 |
| 15.12.2020 | 22:00 | 22:15 | 2.093 |
| 15.12.2020 | 22:15 | 22:30 | 2.056 |
| 15.12.2020 | 22:30 | 22:45 | 1.983 |
| 15.12.2020 | 22:45 | 23:00 | 1.901 |
| 15.12.2020 | 23:00 | 23:15 | 1.789 |
| 15.12.2020 | 23:15 | 23:30 | 1.710 |
| 15.12.2020 | 23:30 | 23:45 | 1.674 |
| 15.12.2020 | 23:45 | 00:00 | 1.605 |
| 16.12.2020 | 00:00 | 00:15 | 1.527 |
| 16.12.2020 | 00:15 | 00:30 | 1.477 |
| 16.12.2020 | 00:30 | 00:45 | 1.438 |
| 16.12.2020 | 00:45 | 01:00 | 1.392 |
| 16.12.2020 | 01:00 | 01:15 | 1.353 |
| 16.12.2020 | 01:15 | 01:30 | 1.318 |
| 16.12.2020 | 01:30 | 01:45 | 1.288 |
| 16.12.2020 | 01:45 | 02:00 | 1.261 |
| 16.12.2020 | 02:00 | 02:15 | 1.262 |
| 16.12.2020 | 02:15 | 02:30 | 1.246 |
| 16.12.2020 | 02:30 | 02:45 | 1.231 |
| 16.12.2020 | 02:45 | 03:00 | 1.225 |
| 16.12.2020 | 03:00 | 03:15 | 1.212 |
| 16.12.2020 | 03:15 | 03:30 | 1.223 |
| 16.12.2020 | 03:30 | 03:45 | 1.219 |
| 16.12.2020 | 03:45 | 04:00 | 1.196 |
| 16.12.2020 | 04:00 | 04:15 | 1.204 |
| 16.12.2020 | 04:15 | 04:30 | 1.231 |
| 16.12.2020 | 04:30 | 04:45 | 1.301 |
| 16.12.2020 | 04:45 | 05:00 | 1.347 |
| 16.12.2020 | 05:00 | 05:15 | 1.408 |
| 16.12.2020 | 05:15 | 05:30 | 1.467 |
| 16.12.2020 | 05:30 | 05:45 | 1.507 |
| 16.12.2020 | 05:45 | 06:00 | 1.588 |
| 16.12.2020 | 06:00 | 06:15 | 1.686 |
| 16.12.2020 | 06:15 | 06:30 | 1.813 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 16.12.2020 | 06:30 | 06:45 | 1.910 |
| 16.12.2020 | 06:45 | 07:00 | 2.041 |
| 16.12.2020 | 07:00 | 07:15 | 2.148 |
| 16.12.2020 | 07:15 | 07:30 | 2.225 |
| 16.12.2020 | 07:30 | 07:45 | 2.319 |
| 16.12.2020 | 07:45 | 08:00 | 2.407 |
| 16.12.2020 | 08:00 | 08:15 | 2.491 |
| 16.12.2020 | 08:15 | 08:30 | 2.573 |
| 16.12.2020 | 08:30 | 08:45 | 2.601 |
| 16.12.2020 | 08:45 | 09:00 | 2.659 |
| 16.12.2020 | 09:00 | 09:15 | 2.649 |
| 16.12.2020 | 09:15 | 09:30 | 2.428 |
| 16.12.2020 | 09:30 | 09:45 | 2.515 |
| 16.12.2020 | 09:45 | 10:00 | 2.558 |
| 16.12.2020 | 10:00 | 10:15 | 2.478 |
| 16.12.2020 | 10:15 | 10:30 | 2.480 |
| 16.12.2020 | 10:30 | 10:45 | 2.483 |
| 16.12.2020 | 10:45 | 11:00 | 2.558 |
| 16.12.2020 | 11:00 | 11:15 | 2.665 |
| 16.12.2020 | 11:15 | 11:30 | 2.748 |
| 16.12.2020 | 11:30 | 11:45 | 2.848 |
| 16.12.2020 | 11:45 | 12:00 | 2.885 |
| 16.12.2020 | 12:00 | 12:15 | 2.878 |
| 16.12.2020 | 12:15 | 12:30 | 2.903 |
| 16.12.2020 | 12:30 | 12:45 | 2.870 |
| 16.12.2020 | 12:45 | 13:00 | 2.868 |
| 16.12.2020 | 13:00 | 13:15 | 2.817 |
| 16.12.2020 | 13:15 | 13:30 | 2.775 |
| 16.12.2020 | 13:30 | 13:45 | 2.787 |
| 16.12.2020 | 13:45 | 14:00 | 2.780 |
| 16.12.2020 | 14:00 | 14:15 | 2.765 |
| 16.12.2020 | 14:15 | 14:30 | 2.728 |
| 16.12.2020 | 14:30 | 14:45 | 2.749 |
| 16.12.2020 | 14:45 | 15:00 | 2.744 |
| 16.12.2020 | 15:00 | 15:15 | 2.745 |
| 16.12.2020 | 15:15 | 15:30 | 2.747 |
| 16.12.2020 | 15:30 | 15:45 | 2.740 |
| 16.12.2020 | 15:45 | 16:00 | 2.757 |
| 16.12.2020 | 16:00 | 16:15 | 2.803 |
| 16.12.2020 | 16:15 | 16:30 | 2.907 |
| 16.12.2020 | 16:30 | 16:45 | 3.046 |
| 16.12.2020 | 16:45 | 17:00 | 3.157 |
| 16.12.2020 | 17:00 | 17:15 | 3.216 |
| 16.12.2020 | 17:15 | 17:30 | 3.262 |
| 16.12.2020 | 17:30 | 17:45 | 3.233 |
| 16.12.2020 | 17:45 | 18:00 | 3.225 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 16.12.2020 | 18:00 | 18:15 | 3.194 |
| 16.12.2020 | 18:15 | 18:30 | 3.155 |
| 16.12.2020 | 18:30 | 18:45 | 3.091 |
| 16.12.2020 | 18:45 | 19:00 | 3.097 |
| 16.12.2020 | 19:00 | 19:15 | 3.021 |
| 16.12.2020 | 19:15 | 19:30 | 2.948 |
| 16.12.2020 | 19:30 | 19:45 | 2.880 |
| 16.12.2020 | 19:45 | 20:00 | 2.805 |
| 16.12.2020 | 20:00 | 20:15 | 2.674 |
| 16.12.2020 | 20:15 | 20:30 | 2.595 |
| 16.12.2020 | 20:30 | 20:45 | 2.503 |
| 16.12.2020 | 20:45 | 21:00 | 2.364 |
| 16.12.2020 | 21:00 | 21:15 | 2.290 |
| 16.12.2020 | 21:15 | 21:30 | 2.246 |
| 16.12.2020 | 21:30 | 21:45 | 2.151 |
| 16.12.2020 | 21:45 | 22:00 | 2.047 |
| 16.12.2020 | 22:00 | 22:15 | 2.112 |
| 16.12.2020 | 22:15 | 22:30 | 2.052 |
| 16.12.2020 | 22:30 | 22:45 | 1.968 |
| 16.12.2020 | 22:45 | 23:00 | 1.892 |
| 16.12.2020 | 23:00 | 23:15 | 1.811 |
| 16.12.2020 | 23:15 | 23:30 | 1.728 |
| 16.12.2020 | 23:30 | 23:45 | 1.646 |
| 16.12.2020 | 23:45 | 00:00 | 1.550 |
| 17.12.2020 | 00:00 | 00:15 | 1.466 |
| 17.12.2020 | 00:15 | 00:30 | 1.404 |
| 17.12.2020 | 00:30 | 00:45 | 1.357 |
| 17.12.2020 | 00:45 | 01:00 | 1.333 |
| 17.12.2020 | 01:00 | 01:15 | 1.290 |
| 17.12.2020 | 01:15 | 01:30 | 1.263 |
| 17.12.2020 | 01:30 | 01:45 | 1.229 |
| 17.12.2020 | 01:45 | 02:00 | 1.195 |
| 17.12.2020 | 02:00 | 02:15 | 1.158 |
| 17.12.2020 | 02:15 | 02:30 | 1.144 |
| 17.12.2020 | 02:30 | 02:45 | 1.135 |
| 17.12.2020 | 02:45 | 03:00 | 1.110 |
| 17.12.2020 | 03:00 | 03:15 | 1.095 |
| 17.12.2020 | 03:15 | 03:30 | 1.098 |
| 17.12.2020 | 03:30 | 03:45 | 1.097 |
| 17.12.2020 | 03:45 | 04:00 | 1.103 |
| 17.12.2020 | 04:00 | 04:15 | 1.114 |
| 17.12.2020 | 04:15 | 04:30 | 1.156 |
| 17.12.2020 | 04:30 | 04:45 | 1.188 |
| 17.12.2020 | 04:45 | 05:00 | 1.211 |
| 17.12.2020 | 05:00 | 05:15 | 1.267 |
| 17.12.2020 | 05:15 | 05:30 | 1.313 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.12.2020 | 05:30 | 05:45 | 1.376 |
| 17.12.2020 | 05:45 | 06:00 | 1.401 |
| 17.12.2020 | 06:00 | 06:15 | 1.488 |
| 17.12.2020 | 06:15 | 06:30 | 1.599 |
| 17.12.2020 | 06:30 | 06:45 | 1.700 |
| 17.12.2020 | 06:45 | 07:00 | 1.767 |
| 17.12.2020 | 07:00 | 07:15 | 1.901 |
| 17.12.2020 | 07:15 | 07:30 | 1.996 |
| 17.12.2020 | 07:30 | 07:45 | 2.085 |
| 17.12.2020 | 07:45 | 08:00 | 2.160 |
| 17.12.2020 | 08:00 | 08:15 | 2.276 |
| 17.12.2020 | 08:15 | 08:30 | 2.383 |
| 17.12.2020 | 08:30 | 08:45 | 2.493 |
| 17.12.2020 | 08:45 | 09:00 | 2.542 |
| 17.12.2020 | 09:00 | 09:15 | 2.536 |
| 17.12.2020 | 09:15 | 09:30 | 2.524 |
| 17.12.2020 | 09:30 | 09:45 | 2.518 |
| 17.12.2020 | 09:45 | 10:00 | 2.556 |
| 17.12.2020 | 10:00 | 10:15 | 2.538 |
| 17.12.2020 | 10:15 | 10:30 | 2.557 |
| 17.12.2020 | 10:30 | 10:45 | 2.560 |
| 17.12.2020 | 10:45 | 11:00 | 2.606 |
| 17.12.2020 | 11:00 | 11:15 | 2.636 |
| 17.12.2020 | 11:15 | 11:30 | 2.689 |
| 17.12.2020 | 11:30 | 11:45 | 2.705 |
| 17.12.2020 | 11:45 | 12:00 | 2.759 |
| 17.12.2020 | 12:00 | 12:15 | 2.858 |
| 17.12.2020 | 12:15 | 12:30 | 2.909 |
| 17.12.2020 | 12:30 | 12:45 | 2.905 |
| 17.12.2020 | 12:45 | 13:00 | 2.888 |
| 17.12.2020 | 13:00 | 13:15 | 2.812 |
| 17.12.2020 | 13:15 | 13:30 | 2.793 |
| 17.12.2020 | 13:30 | 13:45 | 2.765 |
| 17.12.2020 | 13:45 | 14:00 | 2.686 |
| 17.12.2020 | 14:00 | 14:15 | 2.689 |
| 17.12.2020 | 14:15 | 14:30 | 2.728 |
| 17.12.2020 | 14:30 | 14:45 | 2.683 |
| 17.12.2020 | 14:45 | 15:00 | 2.652 |
| 17.12.2020 | 15:00 | 15:15 | 2.685 |
| 17.12.2020 | 15:15 | 15:30 | 2.656 |
| 17.12.2020 | 15:30 | 15:45 | 2.588 |
| 17.12.2020 | 15:45 | 16:00 | 2.592 |
| 17.12.2020 | 16:00 | 16:15 | 2.660 |
| 17.12.2020 | 16:15 | 16:30 | 2.734 |
| 17.12.2020 | 16:30 | 16:45 | 2.910 |
| 17.12.2020 | 16:45 | 17:00 | 3.082 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 17.12.2020 | 17:00 | 17:15 | 3.126 |
| 17.12.2020 | 17:15 | 17:30 | 3.160 |
| 17.12.2020 | 17:30 | 17:45 | 3.175 |
| 17.12.2020 | 17:45 | 18:00 | 3.172 |
| 17.12.2020 | 18:00 | 18:15 | 3.088 |
| 17.12.2020 | 18:15 | 18:30 | 3.040 |
| 17.12.2020 | 18:30 | 18:45 | 3.038 |
| 17.12.2020 | 18:45 | 19:00 | 3.031 |
| 17.12.2020 | 19:00 | 19:15 | 2.962 |
| 17.12.2020 | 19:15 | 19:30 | 2.924 |
| 17.12.2020 | 19:30 | 19:45 | 2.825 |
| 17.12.2020 | 19:45 | 20:00 | 2.752 |
| 17.12.2020 | 20:00 | 20:15 | 2.651 |
| 17.12.2020 | 20:15 | 20:30 | 2.554 |
| 17.12.2020 | 20:30 | 20:45 | 2.484 |
| 17.12.2020 | 20:45 | 21:00 | 2.403 |
| 17.12.2020 | 21:00 | 21:15 | 2.294 |
| 17.12.2020 | 21:15 | 21:30 | 2.194 |
| 17.12.2020 | 21:30 | 21:45 | 2.103 |
| 17.12.2020 | 21:45 | 22:00 | 2.007 |
| 17.12.2020 | 22:00 | 22:15 | 2.037 |
| 17.12.2020 | 22:15 | 22:30 | 2.010 |
| 17.12.2020 | 22:30 | 22:45 | 1.966 |
| 17.12.2020 | 22:45 | 23:00 | 1.883 |
| 17.12.2020 | 23:00 | 23:15 | 1.795 |
| 17.12.2020 | 23:15 | 23:30 | 1.722 |
| 17.12.2020 | 23:30 | 23:45 | 1.653 |
| 17.12.2020 | 23:45 | 00:00 | 1.559 |
| 18.12.2020 | 00:00 | 00:15 | 1.466 |
| 18.12.2020 | 00:15 | 00:30 | 1.416 |
| 18.12.2020 | 00:30 | 00:45 | 1.373 |
| 18.12.2020 | 00:45 | 01:00 | 1.328 |
| 18.12.2020 | 01:00 | 01:15 | 1.287 |
| 18.12.2020 | 01:15 | 01:30 | 1.254 |
| 18.12.2020 | 01:30 | 01:45 | 1.224 |
| 18.12.2020 | 01:45 | 02:00 | 1.204 |
| 18.12.2020 | 02:00 | 02:15 | 1.175 |
| 18.12.2020 | 02:15 | 02:30 | 1.155 |
| 18.12.2020 | 02:30 | 02:45 | 1.145 |
| 18.12.2020 | 02:45 | 03:00 | 1.142 |
| 18.12.2020 | 03:00 | 03:15 | 1.127 |
| 18.12.2020 | 03:15 | 03:30 | 1.129 |
| 18.12.2020 | 03:30 | 03:45 | 1.127 |
| 18.12.2020 | 03:45 | 04:00 | 1.137 |
| 18.12.2020 | 04:00 | 04:15 | 1.122 |
| 18.12.2020 | 04:15 | 04:30 | 1.113 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.12.2020 | 04:30 | 04:45 | 1.146 |
| 18.12.2020 | 04:45 | 05:00 | 1.163 |
| 18.12.2020 | 05:00 | 05:15 | 1.207 |
| 18.12.2020 | 05:15 | 05:30 | 1.243 |
| 18.12.2020 | 05:30 | 05:45 | 1.308 |
| 18.12.2020 | 05:45 | 06:00 | 1.384 |
| 18.12.2020 | 06:00 | 06:15 | 1.481 |
| 18.12.2020 | 06:15 | 06:30 | 1.623 |
| 18.12.2020 | 06:30 | 06:45 | 1.699 |
| 18.12.2020 | 06:45 | 07:00 | 1.787 |
| 18.12.2020 | 07:00 | 07:15 | 1.897 |
| 18.12.2020 | 07:15 | 07:30 | 1.968 |
| 18.12.2020 | 07:30 | 07:45 | 2.051 |
| 18.12.2020 | 07:45 | 08:00 | 2.132 |
| 18.12.2020 | 08:00 | 08:15 | 2.190 |
| 18.12.2020 | 08:15 | 08:30 | 2.245 |
| 18.12.2020 | 08:30 | 08:45 | 2.297 |
| 18.12.2020 | 08:45 | 09:00 | 2.322 |
| 18.12.2020 | 09:00 | 09:15 | 2.387 |
| 18.12.2020 | 09:15 | 09:30 | 2.415 |
| 18.12.2020 | 09:30 | 09:45 | 2.481 |
| 18.12.2020 | 09:45 | 10:00 | 2.547 |
| 18.12.2020 | 10:00 | 10:15 | 2.546 |
| 18.12.2020 | 10:15 | 10:30 | 2.593 |
| 18.12.2020 | 10:30 | 10:45 | 2.624 |
| 18.12.2020 | 10:45 | 11:00 | 2.647 |
| 18.12.2020 | 11:00 | 11:15 | 2.660 |
| 18.12.2020 | 11:15 | 11:30 | 2.713 |
| 18.12.2020 | 11:30 | 11:45 | 2.716 |
| 18.12.2020 | 11:45 | 12:00 | 2.745 |
| 18.12.2020 | 12:00 | 12:15 | 2.756 |
| 18.12.2020 | 12:15 | 12:30 | 2.747 |
| 18.12.2020 | 12:30 | 12:45 | 2.733 |
| 18.12.2020 | 12:45 | 13:00 | 2.715 |
| 18.12.2020 | 13:00 | 13:15 | 2.679 |
| 18.12.2020 | 13:15 | 13:30 | 2.674 |
| 18.12.2020 | 13:30 | 13:45 | 2.617 |
| 18.12.2020 | 13:45 | 14:00 | 2.586 |
| 18.12.2020 | 14:00 | 14:15 | 2.568 |
| 18.12.2020 | 14:15 | 14:30 | 2.551 |
| 18.12.2020 | 14:30 | 14:45 | 2.519 |
| 18.12.2020 | 14:45 | 15:00 | 2.502 |
| 18.12.2020 | 15:00 | 15:15 | 2.487 |
| 18.12.2020 | 15:15 | 15:30 | 2.454 |
| 18.12.2020 | 15:30 | 15:45 | 2.423 |
| 18.12.2020 | 15:45 | 16:00 | 2.493 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 18.12.2020 | 16:00 | 16:15 | 2.566 |
| 18.12.2020 | 16:15 | 16:30 | 2.650 |
| 18.12.2020 | 16:30 | 16:45 | 2.767 |
| 18.12.2020 | 16:45 | 17:00 | 2.931 |
| 18.12.2020 | 17:00 | 17:15 | 3.046 |
| 18.12.2020 | 17:15 | 17:30 | 3.082 |
| 18.12.2020 | 17:30 | 17:45 | 3.088 |
| 18.12.2020 | 17:45 | 18:00 | 3.086 |
| 18.12.2020 | 18:00 | 18:15 | 3.078 |
| 18.12.2020 | 18:15 | 18:30 | 3.037 |
| 18.12.2020 | 18:30 | 18:45 | 3.001 |
| 18.12.2020 | 18:45 | 19:00 | 2.953 |
| 18.12.2020 | 19:00 | 19:15 | 2.895 |
| 18.12.2020 | 19:15 | 19:30 | 2.849 |
| 18.12.2020 | 19:30 | 19:45 | 2.745 |
| 18.12.2020 | 19:45 | 20:00 | 2.687 |
| 18.12.2020 | 20:00 | 20:15 | 2.559 |
| 18.12.2020 | 20:15 | 20:30 | 2.483 |
| 18.12.2020 | 20:30 | 20:45 | 2.362 |
| 18.12.2020 | 20:45 | 21:00 | 2.281 |
| 18.12.2020 | 21:00 | 21:15 | 2.201 |
| 18.12.2020 | 21:15 | 21:30 | 2.109 |
| 18.12.2020 | 21:30 | 21:45 | 2.004 |
| 18.12.2020 | 21:45 | 22:00 | 1.911 |
| 18.12.2020 | 22:00 | 22:15 | 1.963 |
| 18.12.2020 | 22:15 | 22:30 | 1.912 |
| 18.12.2020 | 22:30 | 22:45 | 1.857 |
| 18.12.2020 | 22:45 | 23:00 | 1.790 |
| 18.12.2020 | 23:00 | 23:15 | 1.728 |
| 18.12.2020 | 23:15 | 23:30 | 1.673 |
| 18.12.2020 | 23:30 | 23:45 | 1.593 |
| 18.12.2020 | 23:45 | 00:00 | 1.535 |
| 19.12.2020 | 00:00 | 00:15 | 1.480 |
| 19.12.2020 | 00:15 | 00:30 | 1.423 |
| 19.12.2020 | 00:30 | 00:45 | 1.371 |
| 19.12.2020 | 00:45 | 01:00 | 1.326 |
| 19.12.2020 | 01:00 | 01:15 | 1.277 |
| 19.12.2020 | 01:15 | 01:30 | 1.241 |
| 19.12.2020 | 01:30 | 01:45 | 1.209 |
| 19.12.2020 | 01:45 | 02:00 | 1.181 |
| 19.12.2020 | 02:00 | 02:15 | 1.153 |
| 19.12.2020 | 02:15 | 02:30 | 1.103 |
| 19.12.2020 | 02:30 | 02:45 | 1.090 |
| 19.12.2020 | 02:45 | 03:00 | 1.075 |
| 19.12.2020 | 03:00 | 03:15 | 1.050 |
| 19.12.2020 | 03:15 | 03:30 | 1.039 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.12.2020 | 03:30 | 03:45 | 1.036 |
| 19.12.2020 | 03:45 | 04:00 | 1.039 |
| 19.12.2020 | 04:00 | 04:15 | 1.038 |
| 19.12.2020 | 04:15 | 04:30 | 1.049 |
| 19.12.2020 | 04:30 | 04:45 | 1.075 |
| 19.12.2020 | 04:45 | 05:00 | 1.086 |
| 19.12.2020 | 05:00 | 05:15 | 1.118 |
| 19.12.2020 | 05:15 | 05:30 | 1.131 |
| 19.12.2020 | 05:30 | 05:45 | 1.137 |
| 19.12.2020 | 05:45 | 06:00 | 1.173 |
| 19.12.2020 | 06:00 | 06:15 | 1.187 |
| 19.12.2020 | 06:15 | 06:30 | 1.220 |
| 19.12.2020 | 06:30 | 06:45 | 1.239 |
| 19.12.2020 | 06:45 | 07:00 | 1.261 |
| 19.12.2020 | 07:00 | 07:15 | 1.318 |
| 19.12.2020 | 07:15 | 07:30 | 1.360 |
| 19.12.2020 | 07:30 | 07:45 | 1.418 |
| 19.12.2020 | 07:45 | 08:00 | 1.469 |
| 19.12.2020 | 08:00 | 08:15 | 1.504 |
| 19.12.2020 | 08:15 | 08:30 | 1.542 |
| 19.12.2020 | 08:30 | 08:45 | 1.605 |
| 19.12.2020 | 08:45 | 09:00 | 1.671 |
| 19.12.2020 | 09:00 | 09:15 | 1.737 |
| 19.12.2020 | 09:15 | 09:30 | 1.794 |
| 19.12.2020 | 09:30 | 09:45 | 1.845 |
| 19.12.2020 | 09:45 | 10:00 | 1.924 |
| 19.12.2020 | 10:00 | 10:15 | 1.952 |
| 19.12.2020 | 10:15 | 10:30 | 2.001 |
| 19.12.2020 | 10:30 | 10:45 | 2.040 |
| 19.12.2020 | 10:45 | 11:00 | 2.076 |
| 19.12.2020 | 11:00 | 11:15 | 2.116 |
| 19.12.2020 | 11:15 | 11:30 | 2.160 |
| 19.12.2020 | 11:30 | 11:45 | 2.178 |
| 19.12.2020 | 11:45 | 12:00 | 2.171 |
| 19.12.2020 | 12:00 | 12:15 | 2.179 |
| 19.12.2020 | 12:15 | 12:30 | 2.172 |
| 19.12.2020 | 12:30 | 12:45 | 2.164 |
| 19.12.2020 | 12:45 | 13:00 | 2.188 |
| 19.12.2020 | 13:00 | 13:15 | 2.179 |
| 19.12.2020 | 13:15 | 13:30 | 2.181 |
| 19.12.2020 | 13:30 | 13:45 | 2.174 |
| 19.12.2020 | 13:45 | 14:00 | 2.161 |
| 19.12.2020 | 14:00 | 14:15 | 2.117 |
| 19.12.2020 | 14:15 | 14:30 | 2.064 |
| 19.12.2020 | 14:30 | 14:45 | 2.041 |
| 19.12.2020 | 14:45 | 15:00 | 2.062 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 19.12.2020 | 15:00 | 15:15 | 2.049 |
| 19.12.2020 | 15:15 | 15:30 | 2.098 |
| 19.12.2020 | 15:30 | 15:45 | 2.162 |
| 19.12.2020 | 15:45 | 16:00 | 2.215 |
| 19.12.2020 | 16:00 | 16:15 | 2.251 |
| 19.12.2020 | 16:15 | 16:30 | 2.358 |
| 19.12.2020 | 16:30 | 16:45 | 2.485 |
| 19.12.2020 | 16:45 | 17:00 | 2.562 |
| 19.12.2020 | 17:00 | 17:15 | 2.623 |
| 19.12.2020 | 17:15 | 17:30 | 2.658 |
| 19.12.2020 | 17:30 | 17:45 | 2.732 |
| 19.12.2020 | 17:45 | 18:00 | 2.729 |
| 19.12.2020 | 18:00 | 18:15 | 2.683 |
| 19.12.2020 | 18:15 | 18:30 | 2.638 |
| 19.12.2020 | 18:30 | 18:45 | 2.601 |
| 19.12.2020 | 18:45 | 19:00 | 2.555 |
| 19.12.2020 | 19:00 | 19:15 | 2.499 |
| 19.12.2020 | 19:15 | 19:30 | 2.443 |
| 19.12.2020 | 19:30 | 19:45 | 2.391 |
| 19.12.2020 | 19:45 | 20:00 | 2.287 |
| 19.12.2020 | 20:00 | 20:15 | 2.236 |
| 19.12.2020 | 20:15 | 20:30 | 2.137 |
| 19.12.2020 | 20:30 | 20:45 | 2.067 |
| 19.12.2020 | 20:45 | 21:00 | 2.007 |
| 19.12.2020 | 21:00 | 21:15 | 1.914 |
| 19.12.2020 | 21:15 | 21:30 | 1.818 |
| 19.12.2020 | 21:30 | 21:45 | 1.766 |
| 19.12.2020 | 21:45 | 22:00 | 1.704 |
| 19.12.2020 | 22:00 | 22:15 | 1.778 |
| 19.12.2020 | 22:15 | 22:30 | 1.732 |
| 19.12.2020 | 22:30 | 22:45 | 1.673 |
| 19.12.2020 | 22:45 | 23:00 | 1.614 |
| 19.12.2020 | 23:00 | 23:15 | 1.550 |
| 19.12.2020 | 23:15 | 23:30 | 1.491 |
| 19.12.2020 | 23:30 | 23:45 | 1.441 |
| 19.12.2020 | 23:45 | 00:00 | 1.378 |
| 20.12.2020 | 00:00 | 00:15 | 1.299 |
| 20.12.2020 | 00:15 | 00:30 | 1.222 |
| 20.12.2020 | 00:30 | 00:45 | 1.175 |
| 20.12.2020 | 00:45 | 01:00 | 1.144 |
| 20.12.2020 | 01:00 | 01:15 | 1.118 |
| 20.12.2020 | 01:15 | 01:30 | 1.080 |
| 20.12.2020 | 01:30 | 01:45 | 1.048 |
| 20.12.2020 | 01:45 | 02:00 | 1.026 |
| 20.12.2020 | 02:00 | 02:15 | 1.015 |
| 20.12.2020 | 02:15 | 02:30 | 1.002 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.12.2020 | 02:30 | 02:45 | 983 |
| 20.12.2020 | 02:45 | 03:00 | 961 |
| 20.12.2020 | 03:00 | 03:15 | 960 |
| 20.12.2020 | 03:15 | 03:30 | 949 |
| 20.12.2020 | 03:30 | 03:45 | 950 |
| 20.12.2020 | 03:45 | 04:00 | 949 |
| 20.12.2020 | 04:00 | 04:15 | 954 |
| 20.12.2020 | 04:15 | 04:30 | 952 |
| 20.12.2020 | 04:30 | 04:45 | 964 |
| 20.12.2020 | 04:45 | 05:00 | 971 |
| 20.12.2020 | 05:00 | 05:15 | 979 |
| 20.12.2020 | 05:15 | 05:30 | 985 |
| 20.12.2020 | 05:30 | 05:45 | 991 |
| 20.12.2020 | 05:45 | 06:00 | 1.009 |
| 20.12.2020 | 06:00 | 06:15 | 1.010 |
| 20.12.2020 | 06:15 | 06:30 | 1.024 |
| 20.12.2020 | 06:30 | 06:45 | 1.039 |
| 20.12.2020 | 06:45 | 07:00 | 1.058 |
| 20.12.2020 | 07:00 | 07:15 | 1.098 |
| 20.12.2020 | 07:15 | 07:30 | 1.123 |
| 20.12.2020 | 07:30 | 07:45 | 1.157 |
| 20.12.2020 | 07:45 | 08:00 | 1.211 |
| 20.12.2020 | 08:00 | 08:15 | 1.263 |
| 20.12.2020 | 08:15 | 08:30 | 1.277 |
| 20.12.2020 | 08:30 | 08:45 | 1.338 |
| 20.12.2020 | 08:45 | 09:00 | 1.398 |
| 20.12.2020 | 09:00 | 09:15 | 1.478 |
| 20.12.2020 | 09:15 | 09:30 | 1.551 |
| 20.12.2020 | 09:30 | 09:45 | 1.619 |
| 20.12.2020 | 09:45 | 10:00 | 1.671 |
| 20.12.2020 | 10:00 | 10:15 | 1.711 |
| 20.12.2020 | 10:15 | 10:30 | 1.793 |
| 20.12.2020 | 10:30 | 10:45 | 1.861 |
| 20.12.2020 | 10:45 | 11:00 | 1.897 |
| 20.12.2020 | 11:00 | 11:15 | 1.929 |
| 20.12.2020 | 11:15 | 11:30 | 1.992 |
| 20.12.2020 | 11:30 | 11:45 | 2.063 |
| 20.12.2020 | 11:45 | 12:00 | 2.102 |
| 20.12.2020 | 12:00 | 12:15 | 2.109 |
| 20.12.2020 | 12:15 | 12:30 | 2.132 |
| 20.12.2020 | 12:30 | 12:45 | 2.174 |
| 20.12.2020 | 12:45 | 13:00 | 2.162 |
| 20.12.2020 | 13:00 | 13:15 | 2.137 |
| 20.12.2020 | 13:15 | 13:30 | 2.113 |
| 20.12.2020 | 13:30 | 13:45 | 2.083 |
| 20.12.2020 | 13:45 | 14:00 | 2.049 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 20.12.2020 | 14:00 | 14:15 | 2.040 |
| 20.12.2020 | 14:15 | 14:30 | 2.006 |
| 20.12.2020 | 14:30 | 14:45 | 1.987 |
| 20.12.2020 | 14:45 | 15:00 | 1.941 |
| 20.12.2020 | 15:00 | 15:15 | 1.908 |
| 20.12.2020 | 15:15 | 15:30 | 1.908 |
| 20.12.2020 | 15:30 | 15:45 | 1.929 |
| 20.12.2020 | 15:45 | 16:00 | 1.941 |
| 20.12.2020 | 16:00 | 16:15 | 1.978 |
| 20.12.2020 | 16:15 | 16:30 | 2.027 |
| 20.12.2020 | 16:30 | 16:45 | 2.103 |
| 20.12.2020 | 16:45 | 17:00 | 2.241 |
| 20.12.2020 | 17:00 | 17:15 | 2.355 |
| 20.12.2020 | 17:15 | 17:30 | 2.379 |
| 20.12.2020 | 17:30 | 17:45 | 2.391 |
| 20.12.2020 | 17:45 | 18:00 | 2.402 |
| 20.12.2020 | 18:00 | 18:15 | 2.392 |
| 20.12.2020 | 18:15 | 18:30 | 2.378 |
| 20.12.2020 | 18:30 | 18:45 | 2.346 |
| 20.12.2020 | 18:45 | 19:00 | 2.326 |
| 20.12.2020 | 19:00 | 19:15 | 2.274 |
| 20.12.2020 | 19:15 | 19:30 | 2.212 |
| 20.12.2020 | 19:30 | 19:45 | 2.134 |
| 20.12.2020 | 19:45 | 20:00 | 2.042 |
| 20.12.2020 | 20:00 | 20:15 | 2.010 |
| 20.12.2020 | 20:15 | 20:30 | 1.932 |
| 20.12.2020 | 20:30 | 20:45 | 1.862 |
| 20.12.2020 | 20:45 | 21:00 | 1.799 |
| 20.12.2020 | 21:00 | 21:15 | 1.722 |
| 20.12.2020 | 21:15 | 21:30 | 1.660 |
| 20.12.2020 | 21:30 | 21:45 | 1.632 |
| 20.12.2020 | 21:45 | 22:00 | 1.628 |
| 20.12.2020 | 22:00 | 22:15 | 1.699 |
| 20.12.2020 | 22:15 | 22:30 | 1.649 |
| 20.12.2020 | 22:30 | 22:45 | 1.602 |
| 20.12.2020 | 22:45 | 23:00 | 1.537 |
| 20.12.2020 | 23:00 | 23:15 | 1.468 |
| 20.12.2020 | 23:15 | 23:30 | 1.419 |
| 20.12.2020 | 23:30 | 23:45 | 1.355 |
| 20.12.2020 | 23:45 | 00:00 | 1.297 |
| 21.12.2020 | 00:00 | 00:15 | 1.257 |
| 21.12.2020 | 00:15 | 00:30 | 1.218 |
| 21.12.2020 | 00:30 | 00:45 | 1.175 |
| 21.12.2020 | 00:45 | 01:00 | 1.142 |
| 21.12.2020 | 01:00 | 01:15 | 1.114 |
| 21.12.2020 | 01:15 | 01:30 | 1.086 |

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Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.12.2020 | 01:30 | 01:45 | 1.062 |
| 21.12.2020 | 01:45 | 02:00 | 1.040 |
| 21.12.2020 | 02:00 | 02:15 | 1.035 |
| 21.12.2020 | 02:15 | 02:30 | 1.037 |
| 21.12.2020 | 02:30 | 02:45 | 1.029 |
| 21.12.2020 | 02:45 | 03:00 | 1.024 |
| 21.12.2020 | 03:00 | 03:15 | 1.019 |
| 21.12.2020 | 03:15 | 03:30 | 1.017 |
| 21.12.2020 | 03:30 | 03:45 | 1.028 |
| 21.12.2020 | 03:45 | 04:00 | 1.035 |
| 21.12.2020 | 04:00 | 04:15 | 1.067 |
| 21.12.2020 | 04:15 | 04:30 | 1.084 |
| 21.12.2020 | 04:30 | 04:45 | 1.111 |
| 21.12.2020 | 04:45 | 05:00 | 1.173 |
| 21.12.2020 | 05:00 | 05:15 | 1.252 |
| 21.12.2020 | 05:15 | 05:30 | 1.307 |
| 21.12.2020 | 05:30 | 05:45 | 1.383 |
| 21.12.2020 | 05:45 | 06:00 | 1.470 |
| 21.12.2020 | 06:00 | 06:15 | 1.571 |
| 21.12.2020 | 06:15 | 06:30 | 1.659 |
| 21.12.2020 | 06:30 | 06:45 | 1.733 |
| 21.12.2020 | 06:45 | 07:00 | 1.793 |
| 21.12.2020 | 07:00 | 07:15 | 1.914 |
| 21.12.2020 | 07:15 | 07:30 | 1.920 |
| 21.12.2020 | 07:30 | 07:45 | 1.987 |
| 21.12.2020 | 07:45 | 08:00 | 2.068 |
| 21.12.2020 | 08:00 | 08:15 | 2.125 |
| 21.12.2020 | 08:15 | 08:30 | 2.129 |
| 21.12.2020 | 08:30 | 08:45 | 2.169 |
| 21.12.2020 | 08:45 | 09:00 | 2.199 |
| 21.12.2020 | 09:00 | 09:15 | 2.224 |
| 21.12.2020 | 09:15 | 09:30 | 2.257 |
| 21.12.2020 | 09:30 | 09:45 | 2.330 |
| 21.12.2020 | 09:45 | 10:00 | 2.399 |
| 21.12.2020 | 10:00 | 10:15 | 2.413 |
| 21.12.2020 | 10:15 | 10:30 | 2.449 |
| 21.12.2020 | 10:30 | 10:45 | 2.494 |
| 21.12.2020 | 10:45 | 11:00 | 2.519 |
| 21.12.2020 | 11:00 | 11:15 | 2.546 |
| 21.12.2020 | 11:15 | 11:30 | 2.569 |
| 21.12.2020 | 11:30 | 11:45 | 2.611 |
| 21.12.2020 | 11:45 | 12:00 | 2.637 |
| 21.12.2020 | 12:00 | 12:15 | 2.651 |
| 21.12.2020 | 12:15 | 12:30 | 2.694 |
| 21.12.2020 | 12:30 | 12:45 | 2.696 |
| 21.12.2020 | 12:45 | 13:00 | 2.677 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 21.12.2020 | 13:00 | 13:15 | 2.651 |
| 21.12.2020 | 13:15 | 13:30 | 2.623 |
| 21.12.2020 | 13:30 | 13:45 | 2.587 |
| 21.12.2020 | 13:45 | 14:00 | 2.574 |
| 21.12.2020 | 14:00 | 14:15 | 2.522 |
| 21.12.2020 | 14:15 | 14:30 | 2.554 |
| 21.12.2020 | 14:30 | 14:45 | 2.553 |
| 21.12.2020 | 14:45 | 15:00 | 2.529 |
| 21.12.2020 | 15:00 | 15:15 | 2.520 |
| 21.12.2020 | 15:15 | 15:30 | 2.571 |
| 21.12.2020 | 15:30 | 15:45 | 2.572 |
| 21.12.2020 | 15:45 | 16:00 | 2.608 |
| 21.12.2020 | 16:00 | 16:15 | 2.714 |
| 21.12.2020 | 16:15 | 16:30 | 2.798 |
| 21.12.2020 | 16:30 | 16:45 | 2.891 |
| 21.12.2020 | 16:45 | 17:00 | 2.967 |
| 21.12.2020 | 17:00 | 17:15 | 3.037 |
| 21.12.2020 | 17:15 | 17:30 | 3.040 |
| 21.12.2020 | 17:30 | 17:45 | 3.058 |
| 21.12.2020 | 17:45 | 18:00 | 3.051 |
| 21.12.2020 | 18:00 | 18:15 | 3.038 |
| 21.12.2020 | 18:15 | 18:30 | 3.013 |
| 21.12.2020 | 18:30 | 18:45 | 2.927 |
| 21.12.2020 | 18:45 | 19:00 | 2.896 |
| 21.12.2020 | 19:00 | 19:15 | 2.822 |
| 21.12.2020 | 19:15 | 19:30 | 2.749 |
| 21.12.2020 | 19:30 | 19:45 | 2.700 |
| 21.12.2020 | 19:45 | 20:00 | 2.630 |
| 21.12.2020 | 20:00 | 20:15 | 2.514 |
| 21.12.2020 | 20:15 | 20:30 | 2.406 |
| 21.12.2020 | 20:30 | 20:45 | 2.308 |
| 21.12.2020 | 20:45 | 21:00 | 2.231 |
| 21.12.2020 | 21:00 | 21:15 | 2.103 |
| 21.12.2020 | 21:15 | 21:30 | 2.006 |
| 21.12.2020 | 21:30 | 21:45 | 1.894 |
| 21.12.2020 | 21:45 | 22:00 | 1.850 |
| 21.12.2020 | 22:00 | 22:15 | 1.901 |
| 21.12.2020 | 22:15 | 22:30 | 1.856 |
| 21.12.2020 | 22:30 | 22:45 | 1.774 |
| 21.12.2020 | 22:45 | 23:00 | 1.694 |
| 21.12.2020 | 23:00 | 23:15 | 1.624 |
| 21.12.2020 | 23:15 | 23:30 | 1.547 |
| 21.12.2020 | 23:30 | 23:45 | 1.484 |
| 21.12.2020 | 23:45 | 00:00 | 1.421 |
| 22.12.2020 | 00:00 | 00:15 | 1.388 |
| 22.12.2020 | 00:15 | 00:30 | 1.334 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.12.2020 | 00:30 | 00:45 | 1.279 |
| 22.12.2020 | 00:45 | 01:00 | 1.241 |
| 22.12.2020 | 01:00 | 01:15 | 1.205 |
| 22.12.2020 | 01:15 | 01:30 | 1.162 |
| 22.12.2020 | 01:30 | 01:45 | 1.136 |
| 22.12.2020 | 01:45 | 02:00 | 1.118 |
| 22.12.2020 | 02:00 | 02:15 | 1.107 |
| 22.12.2020 | 02:15 | 02:30 | 1.101 |
| 22.12.2020 | 02:30 | 02:45 | 1.085 |
| 22.12.2020 | 02:45 | 03:00 | 1.078 |
| 22.12.2020 | 03:00 | 03:15 | 1.075 |
| 22.12.2020 | 03:15 | 03:30 | 1.067 |
| 22.12.2020 | 03:30 | 03:45 | 1.056 |
| 22.12.2020 | 03:45 | 04:00 | 1.059 |
| 22.12.2020 | 04:00 | 04:15 | 1.073 |
| 22.12.2020 | 04:15 | 04:30 | 1.113 |
| 22.12.2020 | 04:30 | 04:45 | 1.145 |
| 22.12.2020 | 04:45 | 05:00 | 1.159 |
| 22.12.2020 | 05:00 | 05:15 | 1.198 |
| 22.12.2020 | 05:15 | 05:30 | 1.229 |
| 22.12.2020 | 05:30 | 05:45 | 1.295 |
| 22.12.2020 | 05:45 | 06:00 | 1.376 |
| 22.12.2020 | 06:00 | 06:15 | 1.463 |
| 22.12.2020 | 06:15 | 06:30 | 1.545 |
| 22.12.2020 | 06:30 | 06:45 | 1.615 |
| 22.12.2020 | 06:45 | 07:00 | 1.682 |
| 22.12.2020 | 07:00 | 07:15 | 1.770 |
| 22.12.2020 | 07:15 | 07:30 | 1.853 |
| 22.12.2020 | 07:30 | 07:45 | 1.915 |
| 22.12.2020 | 07:45 | 08:00 | 1.959 |
| 22.12.2020 | 08:00 | 08:15 | 2.050 |
| 22.12.2020 | 08:15 | 08:30 | 2.071 |
| 22.12.2020 | 08:30 | 08:45 | 2.105 |
| 22.12.2020 | 08:45 | 09:00 | 2.159 |
| 22.12.2020 | 09:00 | 09:15 | 2.227 |
| 22.12.2020 | 09:15 | 09:30 | 2.257 |
| 22.12.2020 | 09:30 | 09:45 | 2.293 |
| 22.12.2020 | 09:45 | 10:00 | 2.348 |
| 22.12.2020 | 10:00 | 10:15 | 2.339 |
| 22.12.2020 | 10:15 | 10:30 | 2.410 |
| 22.12.2020 | 10:30 | 10:45 | 2.492 |
| 22.12.2020 | 10:45 | 11:00 | 2.513 |
| 22.12.2020 | 11:00 | 11:15 | 2.521 |
| 22.12.2020 | 11:15 | 11:30 | 2.546 |
| 22.12.2020 | 11:30 | 11:45 | 2.599 |
| 22.12.2020 | 11:45 | 12:00 | 2.594 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.12.2020 | 12:00 | 12:15 | 2.596 |
| 22.12.2020 | 12:15 | 12:30 | 2.591 |
| 22.12.2020 | 12:30 | 12:45 | 2.626 |
| 22.12.2020 | 12:45 | 13:00 | 2.638 |
| 22.12.2020 | 13:00 | 13:15 | 2.617 |
| 22.12.2020 | 13:15 | 13:30 | 2.560 |
| 22.12.2020 | 13:30 | 13:45 | 2.516 |
| 22.12.2020 | 13:45 | 14:00 | 2.461 |
| 22.12.2020 | 14:00 | 14:15 | 2.442 |
| 22.12.2020 | 14:15 | 14:30 | 2.466 |
| 22.12.2020 | 14:30 | 14:45 | 2.440 |
| 22.12.2020 | 14:45 | 15:00 | 2.491 |
| 22.12.2020 | 15:00 | 15:15 | 2.504 |
| 22.12.2020 | 15:15 | 15:30 | 2.504 |
| 22.12.2020 | 15:30 | 15:45 | 2.474 |
| 22.12.2020 | 15:45 | 16:00 | 2.574 |
| 22.12.2020 | 16:00 | 16:15 | 2.636 |
| 22.12.2020 | 16:15 | 16:30 | 2.736 |
| 22.12.2020 | 16:30 | 16:45 | 2.796 |
| 22.12.2020 | 16:45 | 17:00 | 2.852 |
| 22.12.2020 | 17:00 | 17:15 | 2.864 |
| 22.12.2020 | 17:15 | 17:30 | 2.889 |
| 22.12.2020 | 17:30 | 17:45 | 2.876 |
| 22.12.2020 | 17:45 | 18:00 | 2.892 |
| 22.12.2020 | 18:00 | 18:15 | 2.845 |
| 22.12.2020 | 18:15 | 18:30 | 2.802 |
| 22.12.2020 | 18:30 | 18:45 | 2.751 |
| 22.12.2020 | 18:45 | 19:00 | 2.723 |
| 22.12.2020 | 19:00 | 19:15 | 2.746 |
| 22.12.2020 | 19:15 | 19:30 | 2.700 |
| 22.12.2020 | 19:30 | 19:45 | 2.634 |
| 22.12.2020 | 19:45 | 20:00 | 2.593 |
| 22.12.2020 | 20:00 | 20:15 | 2.472 |
| 22.12.2020 | 20:15 | 20:30 | 2.373 |
| 22.12.2020 | 20:30 | 20:45 | 2.273 |
| 22.12.2020 | 20:45 | 21:00 | 2.168 |
| 22.12.2020 | 21:00 | 21:15 | 2.099 |
| 22.12.2020 | 21:15 | 21:30 | 2.006 |
| 22.12.2020 | 21:30 | 21:45 | 1.915 |
| 22.12.2020 | 21:45 | 22:00 | 1.827 |
| 22.12.2020 | 22:00 | 22:15 | 1.867 |
| 22.12.2020 | 22:15 | 22:30 | 1.838 |
| 22.12.2020 | 22:30 | 22:45 | 1.763 |
| 22.12.2020 | 22:45 | 23:00 | 1.690 |
| 22.12.2020 | 23:00 | 23:15 | 1.558 |
| 22.12.2020 | 23:15 | 23:30 | 1.483 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 22.12.2020 | 23:30 | 23:45 | 1.405 |
| 22.12.2020 | 23:45 | 00:00 | 1.364 |
| 23.12.2020 | 00:00 | 00:15 | 1.305 |
| 23.12.2020 | 00:15 | 00:30 | 1.272 |
| 23.12.2020 | 00:30 | 00:45 | 1.230 |
| 23.12.2020 | 00:45 | 01:00 | 1.204 |
| 23.12.2020 | 01:00 | 01:15 | 1.164 |
| 23.12.2020 | 01:15 | 01:30 | 1.118 |
| 23.12.2020 | 01:30 | 01:45 | 1.081 |
| 23.12.2020 | 01:45 | 02:00 | 1.056 |
| 23.12.2020 | 02:00 | 02:15 | 1.023 |
| 23.12.2020 | 02:15 | 02:30 | 1.011 |
| 23.12.2020 | 02:30 | 02:45 | 1.002 |
| 23.12.2020 | 02:45 | 03:00 | 995 |
| 23.12.2020 | 03:00 | 03:15 | 990 |
| 23.12.2020 | 03:15 | 03:30 | 1.001 |
| 23.12.2020 | 03:30 | 03:45 | 1.017 |
| 23.12.2020 | 03:45 | 04:00 | 1.012 |
| 23.12.2020 | 04:00 | 04:15 | 1.048 |
| 23.12.2020 | 04:15 | 04:30 | 1.092 |
| 23.12.2020 | 04:30 | 04:45 | 1.121 |
| 23.12.2020 | 04:45 | 05:00 | 1.150 |
| 23.12.2020 | 05:00 | 05:15 | 1.186 |
| 23.12.2020 | 05:15 | 05:30 | 1.179 |
| 23.12.2020 | 05:30 | 05:45 | 1.216 |
| 23.12.2020 | 05:45 | 06:00 | 1.285 |
| 23.12.2020 | 06:00 | 06:15 | 1.369 |
| 23.12.2020 | 06:15 | 06:30 | 1.472 |
| 23.12.2020 | 06:30 | 06:45 | 1.551 |
| 23.12.2020 | 06:45 | 07:00 | 1.615 |
| 23.12.2020 | 07:00 | 07:15 | 1.696 |
| 23.12.2020 | 07:15 | 07:30 | 1.759 |
| 23.12.2020 | 07:30 | 07:45 | 1.818 |
| 23.12.2020 | 07:45 | 08:00 | 1.866 |
| 23.12.2020 | 08:00 | 08:15 | 1.930 |
| 23.12.2020 | 08:15 | 08:30 | 1.960 |
| 23.12.2020 | 08:30 | 08:45 | 2.000 |
| 23.12.2020 | 08:45 | 09:00 | 2.053 |
| 23.12.2020 | 09:00 | 09:15 | 2.114 |
| 23.12.2020 | 09:15 | 09:30 | 2.155 |
| 23.12.2020 | 09:30 | 09:45 | 2.190 |
| 23.12.2020 | 09:45 | 10:00 | 2.229 |
| 23.12.2020 | 10:00 | 10:15 | 2.295 |
| 23.12.2020 | 10:15 | 10:30 | 2.367 |
| 23.12.2020 | 10:30 | 10:45 | 2.395 |
| 23.12.2020 | 10:45 | 11:00 | 2.404 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 23.12.2020 | 11:00 | 11:15 | 2.465 |
| 23.12.2020 | 11:15 | 11:30 | 2.536 |
| 23.12.2020 | 11:30 | 11:45 | 2.583 |
| 23.12.2020 | 11:45 | 12:00 | 2.597 |
| 23.12.2020 | 12:00 | 12:15 | 2.545 |
| 23.12.2020 | 12:15 | 12:30 | 2.546 |
| 23.12.2020 | 12:30 | 12:45 | 2.555 |
| 23.12.2020 | 12:45 | 13:00 | 2.578 |
| 23.12.2020 | 13:00 | 13:15 | 2.566 |
| 23.12.2020 | 13:15 | 13:30 | 2.583 |
| 23.12.2020 | 13:30 | 13:45 | 2.599 |
| 23.12.2020 | 13:45 | 14:00 | 2.605 |
| 23.12.2020 | 14:00 | 14:15 | 2.605 |
| 23.12.2020 | 14:15 | 14:30 | 2.603 |
| 23.12.2020 | 14:30 | 14:45 | 2.575 |
| 23.12.2020 | 14:45 | 15:00 | 2.553 |
| 23.12.2020 | 15:00 | 15:15 | 2.572 |
| 23.12.2020 | 15:15 | 15:30 | 2.550 |
| 23.12.2020 | 15:30 | 15:45 | 2.506 |
| 23.12.2020 | 15:45 | 16:00 | 2.508 |
| 23.12.2020 | 16:00 | 16:15 | 2.556 |
| 23.12.2020 | 16:15 | 16:30 | 2.611 |
| 23.12.2020 | 16:30 | 16:45 | 2.682 |
| 23.12.2020 | 16:45 | 17:00 | 2.793 |
| 23.12.2020 | 17:00 | 17:15 | 2.872 |
| 23.12.2020 | 17:15 | 17:30 | 2.863 |
| 23.12.2020 | 17:30 | 17:45 | 2.899 |
| 23.12.2020 | 17:45 | 18:00 | 2.972 |
| 23.12.2020 | 18:00 | 18:15 | 2.942 |
| 23.12.2020 | 18:15 | 18:30 | 2.922 |
| 23.12.2020 | 18:30 | 18:45 | 2.850 |
| 23.12.2020 | 18:45 | 19:00 | 2.806 |
| 23.12.2020 | 19:00 | 19:15 | 2.731 |
| 23.12.2020 | 19:15 | 19:30 | 2.680 |
| 23.12.2020 | 19:30 | 19:45 | 2.624 |
| 23.12.2020 | 19:45 | 20:00 | 2.524 |
| 23.12.2020 | 20:00 | 20:15 | 2.382 |
| 23.12.2020 | 20:15 | 20:30 | 2.275 |
| 23.12.2020 | 20:30 | 20:45 | 2.216 |
| 23.12.2020 | 20:45 | 21:00 | 2.144 |
| 23.12.2020 | 21:00 | 21:15 | 2.070 |
| 23.12.2020 | 21:15 | 21:30 | 1.971 |
| 23.12.2020 | 21:30 | 21:45 | 1.888 |
| 23.12.2020 | 21:45 | 22:00 | 1.834 |
| 23.12.2020 | 22:00 | 22:15 | 1.902 |
| 23.12.2020 | 22:15 | 22:30 | 1.838 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 23.12.2020 | 22:30 | 22:45 | 1.789 |
| 23.12.2020 | 22:45 | 23:00 | 1.696 |
| 23.12.2020 | 23:00 | 23:15 | 1.606 |
| 23.12.2020 | 23:15 | 23:30 | 1.568 |
| 23.12.2020 | 23:30 | 23:45 | 1.492 |
| 23.12.2020 | 23:45 | 00:00 | 1.383 |
| 24.12.2020 | 00:00 | 00:15 | 1.326 |
| 24.12.2020 | 00:15 | 00:30 | 1.257 |
| 24.12.2020 | 00:30 | 00:45 | 1.211 |
| 24.12.2020 | 00:45 | 01:00 | 1.163 |
| 24.12.2020 | 01:00 | 01:15 | 1.129 |
| 24.12.2020 | 01:15 | 01:30 | 1.094 |
| 24.12.2020 | 01:30 | 01:45 | 1.061 |
| 24.12.2020 | 01:45 | 02:00 | 1.037 |
| 24.12.2020 | 02:00 | 02:15 | 1.013 |
| 24.12.2020 | 02:15 | 02:30 | 986 |
| 24.12.2020 | 02:30 | 02:45 | 967 |
| 24.12.2020 | 02:45 | 03:00 | 955 |
| 24.12.2020 | 03:00 | 03:15 | 940 |
| 24.12.2020 | 03:15 | 03:30 | 939 |
| 24.12.2020 | 03:30 | 03:45 | 931 |
| 24.12.2020 | 03:45 | 04:00 | 935 |
| 24.12.2020 | 04:00 | 04:15 | 948 |
| 24.12.2020 | 04:15 | 04:30 | 965 |
| 24.12.2020 | 04:30 | 04:45 | 983 |
| 24.12.2020 | 04:45 | 05:00 | 995 |
| 24.12.2020 | 05:00 | 05:15 | 1.028 |
| 24.12.2020 | 05:15 | 05:30 | 1.042 |
| 24.12.2020 | 05:30 | 05:45 | 1.052 |
| 24.12.2020 | 05:45 | 06:00 | 1.097 |
| 24.12.2020 | 06:00 | 06:15 | 1.111 |
| 24.12.2020 | 06:15 | 06:30 | 1.141 |
| 24.12.2020 | 06:30 | 06:45 | 1.179 |
| 24.12.2020 | 06:45 | 07:00 | 1.207 |
| 24.12.2020 | 07:00 | 07:15 | 1.254 |
| 24.12.2020 | 07:15 | 07:30 | 1.300 |
| 24.12.2020 | 07:30 | 07:45 | 1.361 |
| 24.12.2020 | 07:45 | 08:00 | 1.405 |
| 24.12.2020 | 08:00 | 08:15 | 1.482 |
| 24.12.2020 | 08:15 | 08:30 | 1.558 |
| 24.12.2020 | 08:30 | 08:45 | 1.624 |
| 24.12.2020 | 08:45 | 09:00 | 1.734 |
| 24.12.2020 | 09:00 | 09:15 | 1.816 |
| 24.12.2020 | 09:15 | 09:30 | 1.888 |
| 24.12.2020 | 09:30 | 09:45 | 1.969 |
| 24.12.2020 | 09:45 | 10:00 | 2.015 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 24.12.2020 | 10:00 | 10:15 | 2.093 |
| 24.12.2020 | 10:15 | 10:30 | 2.135 |
| 24.12.2020 | 10:30 | 10:45 | 2.150 |
| 24.12.2020 | 10:45 | 11:00 | 2.203 |
| 24.12.2020 | 11:00 | 11:15 | 2.229 |
| 24.12.2020 | 11:15 | 11:30 | 2.293 |
| 24.12.2020 | 11:30 | 11:45 | 2.346 |
| 24.12.2020 | 11:45 | 12:00 | 2.327 |
| 24.12.2020 | 12:00 | 12:15 | 2.345 |
| 24.12.2020 | 12:15 | 12:30 | 2.396 |
| 24.12.2020 | 12:30 | 12:45 | 2.394 |
| 24.12.2020 | 12:45 | 13:00 | 2.407 |
| 24.12.2020 | 13:00 | 13:15 | 2.360 |
| 24.12.2020 | 13:15 | 13:30 | 2.350 |
| 24.12.2020 | 13:30 | 13:45 | 2.368 |
| 24.12.2020 | 13:45 | 14:00 | 2.315 |
| 24.12.2020 | 14:00 | 14:15 | 2.276 |
| 24.12.2020 | 14:15 | 14:30 | 2.248 |
| 24.12.2020 | 14:30 | 14:45 | 2.196 |
| 24.12.2020 | 14:45 | 15:00 | 2.175 |
| 24.12.2020 | 15:00 | 15:15 | 2.179 |
| 24.12.2020 | 15:15 | 15:30 | 2.190 |
| 24.12.2020 | 15:30 | 15:45 | 2.187 |
| 24.12.2020 | 15:45 | 16:00 | 2.200 |
| 24.12.2020 | 16:00 | 16:15 | 2.247 |
| 24.12.2020 | 16:15 | 16:30 | 2.304 |
| 24.12.2020 | 16:30 | 16:45 | 2.356 |
| 24.12.2020 | 16:45 | 17:00 | 2.419 |
| 24.12.2020 | 17:00 | 17:15 | 2.437 |
| 24.12.2020 | 17:15 | 17:30 | 2.437 |
| 24.12.2020 | 17:30 | 17:45 | 2.411 |
| 24.12.2020 | 17:45 | 18:00 | 2.342 |
| 24.12.2020 | 18:00 | 18:15 | 2.236 |
| 24.12.2020 | 18:15 | 18:30 | 2.133 |
| 24.12.2020 | 18:30 | 18:45 | 2.054 |
| 24.12.2020 | 18:45 | 19:00 | 1.956 |
| 24.12.2020 | 19:00 | 19:15 | 1.878 |
| 24.12.2020 | 19:15 | 19:30 | 1.804 |
| 24.12.2020 | 19:30 | 19:45 | 1.764 |
| 24.12.2020 | 19:45 | 20:00 | 1.729 |
| 24.12.2020 | 20:00 | 20:15 | 1.670 |
| 24.12.2020 | 20:15 | 20:30 | 1.637 |
| 24.12.2020 | 20:30 | 20:45 | 1.606 |
| 24.12.2020 | 20:45 | 21:00 | 1.579 |
| 24.12.2020 | 21:00 | 21:15 | 1.550 |
| 24.12.2020 | 21:15 | 21:30 | 1.520 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 24.12.2020 | 21:30 | 21:45 | 1.490 |
| 24.12.2020 | 21:45 | 22:00 | 1.471 |
| 24.12.2020 | 22:00 | 22:15 | 1.549 |
| 24.12.2020 | 22:15 | 22:30 | 1.527 |
| 24.12.2020 | 22:30 | 22:45 | 1.501 |
| 24.12.2020 | 22:45 | 23:00 | 1.468 |
| 24.12.2020 | 23:00 | 23:15 | 1.406 |
| 24.12.2020 | 23:15 | 23:30 | 1.371 |
| 24.12.2020 | 23:30 | 23:45 | 1.335 |
| 24.12.2020 | 23:45 | 00:00 | 1.287 |
| 25.12.2020 | 00:00 | 00:15 | 1.241 |
| 25.12.2020 | 00:15 | 00:30 | 1.191 |
| 25.12.2020 | 00:30 | 00:45 | 1.148 |
| 25.12.2020 | 00:45 | 01:00 | 1.107 |
| 25.12.2020 | 01:00 | 01:15 | 1.075 |
| 25.12.2020 | 01:15 | 01:30 | 1.049 |
| 25.12.2020 | 01:30 | 01:45 | 1.019 |
| 25.12.2020 | 01:45 | 02:00 | 999 |
| 25.12.2020 | 02:00 | 02:15 | 991 |
| 25.12.2020 | 02:15 | 02:30 | 968 |
| 25.12.2020 | 02:30 | 02:45 | 949 |
| 25.12.2020 | 02:45 | 03:00 | 938 |
| 25.12.2020 | 03:00 | 03:15 | 934 |
| 25.12.2020 | 03:15 | 03:30 | 934 |
| 25.12.2020 | 03:30 | 03:45 | 926 |
| 25.12.2020 | 03:45 | 04:00 | 921 |
| 25.12.2020 | 04:00 | 04:15 | 915 |
| 25.12.2020 | 04:15 | 04:30 | 922 |
| 25.12.2020 | 04:30 | 04:45 | 922 |
| 25.12.2020 | 04:45 | 05:00 | 924 |
| 25.12.2020 | 05:00 | 05:15 | 939 |
| 25.12.2020 | 05:15 | 05:30 | 943 |
| 25.12.2020 | 05:30 | 05:45 | 946 |
| 25.12.2020 | 05:45 | 06:00 | 958 |
| 25.12.2020 | 06:00 | 06:15 | 961 |
| 25.12.2020 | 06:15 | 06:30 | 969 |
| 25.12.2020 | 06:30 | 06:45 | 986 |
| 25.12.2020 | 06:45 | 07:00 | 1.006 |
| 25.12.2020 | 07:00 | 07:15 | 1.030 |
| 25.12.2020 | 07:15 | 07:30 | 1.064 |
| 25.12.2020 | 07:30 | 07:45 | 1.100 |
| 25.12.2020 | 07:45 | 08:00 | 1.136 |
| 25.12.2020 | 08:00 | 08:15 | 1.183 |
| 25.12.2020 | 08:15 | 08:30 | 1.202 |
| 25.12.2020 | 08:30 | 08:45 | 1.259 |
| 25.12.2020 | 08:45 | 09:00 | 1.326 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 25.12.2020 | 09:00 | 09:15 | 1.406 |
| 25.12.2020 | 09:15 | 09:30 | 1.484 |
| 25.12.2020 | 09:30 | 09:45 | 1.567 |
| 25.12.2020 | 09:45 | 10:00 | 1.636 |
| 25.12.2020 | 10:00 | 10:15 | 1.711 |
| 25.12.2020 | 10:15 | 10:30 | 1.779 |
| 25.12.2020 | 10:30 | 10:45 | 1.857 |
| 25.12.2020 | 10:45 | 11:00 | 1.896 |
| 25.12.2020 | 11:00 | 11:15 | 1.942 |
| 25.12.2020 | 11:15 | 11:30 | 1.998 |
| 25.12.2020 | 11:30 | 11:45 | 2.045 |
| 25.12.2020 | 11:45 | 12:00 | 2.083 |
| 25.12.2020 | 12:00 | 12:15 | 2.086 |
| 25.12.2020 | 12:15 | 12:30 | 2.104 |
| 25.12.2020 | 12:30 | 12:45 | 2.086 |
| 25.12.2020 | 12:45 | 13:00 | 2.048 |
| 25.12.2020 | 13:00 | 13:15 | 1.974 |
| 25.12.2020 | 13:15 | 13:30 | 1.926 |
| 25.12.2020 | 13:30 | 13:45 | 1.912 |
| 25.12.2020 | 13:45 | 14:00 | 1.863 |
| 25.12.2020 | 14:00 | 14:15 | 1.810 |
| 25.12.2020 | 14:15 | 14:30 | 1.778 |
| 25.12.2020 | 14:30 | 14:45 | 1.759 |
| 25.12.2020 | 14:45 | 15:00 | 1.734 |
| 25.12.2020 | 15:00 | 15:15 | 1.725 |
| 25.12.2020 | 15:15 | 15:30 | 1.726 |
| 25.12.2020 | 15:30 | 15:45 | 1.719 |
| 25.12.2020 | 15:45 | 16:00 | 1.711 |
| 25.12.2020 | 16:00 | 16:15 | 1.723 |
| 25.12.2020 | 16:15 | 16:30 | 1.750 |
| 25.12.2020 | 16:30 | 16:45 | 1.810 |
| 25.12.2020 | 16:45 | 17:00 | 1.914 |
| 25.12.2020 | 17:00 | 17:15 | 2.014 |
| 25.12.2020 | 17:15 | 17:30 | 2.073 |
| 25.12.2020 | 17:30 | 17:45 | 2.083 |
| 25.12.2020 | 17:45 | 18:00 | 2.078 |
| 25.12.2020 | 18:00 | 18:15 | 2.096 |
| 25.12.2020 | 18:15 | 18:30 | 2.058 |
| 25.12.2020 | 18:30 | 18:45 | 2.047 |
| 25.12.2020 | 18:45 | 19:00 | 2.027 |
| 25.12.2020 | 19:00 | 19:15 | 1.994 |
| 25.12.2020 | 19:15 | 19:30 | 1.938 |
| 25.12.2020 | 19:30 | 19:45 | 1.900 |
| 25.12.2020 | 19:45 | 20:00 | 1.851 |
| 25.12.2020 | 20:00 | 20:15 | 1.802 |
| 25.12.2020 | 20:15 | 20:30 | 1.756 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 25.12.2020 | 20:30 | 20:45 | 1.721 |
| 25.12.2020 | 20:45 | 21:00 | 1.666 |
| 25.12.2020 | 21:00 | 21:15 | 1.631 |
| 25.12.2020 | 21:15 | 21:30 | 1.583 |
| 25.12.2020 | 21:30 | 21:45 | 1.543 |
| 25.12.2020 | 21:45 | 22:00 | 1.518 |
| 25.12.2020 | 22:00 | 22:15 | 1.583 |
| 25.12.2020 | 22:15 | 22:30 | 1.561 |
| 25.12.2020 | 22:30 | 22:45 | 1.511 |
| 25.12.2020 | 22:45 | 23:00 | 1.464 |
| 25.12.2020 | 23:00 | 23:15 | 1.412 |
| 25.12.2020 | 23:15 | 23:30 | 1.368 |
| 25.12.2020 | 23:30 | 23:45 | 1.325 |
| 25.12.2020 | 23:45 | 00:00 | 1.282 |
| 26.12.2020 | 00:00 | 00:15 | 1.228 |
| 26.12.2020 | 00:15 | 00:30 | 1.182 |
| 26.12.2020 | 00:30 | 00:45 | 1.143 |
| 26.12.2020 | 00:45 | 01:00 | 1.110 |
| 26.12.2020 | 01:00 | 01:15 | 1.072 |
| 26.12.2020 | 01:15 | 01:30 | 1.038 |
| 26.12.2020 | 01:30 | 01:45 | 1.011 |
| 26.12.2020 | 01:45 | 02:00 | 992 |
| 26.12.2020 | 02:00 | 02:15 | 973 |
| 26.12.2020 | 02:15 | 02:30 | 960 |
| 26.12.2020 | 02:30 | 02:45 | 949 |
| 26.12.2020 | 02:45 | 03:00 | 946 |
| 26.12.2020 | 03:00 | 03:15 | 936 |
| 26.12.2020 | 03:15 | 03:30 | 926 |
| 26.12.2020 | 03:30 | 03:45 | 921 |
| 26.12.2020 | 03:45 | 04:00 | 913 |
| 26.12.2020 | 04:00 | 04:15 | 917 |
| 26.12.2020 | 04:15 | 04:30 | 917 |
| 26.12.2020 | 04:30 | 04:45 | 918 |
| 26.12.2020 | 04:45 | 05:00 | 920 |
| 26.12.2020 | 05:00 | 05:15 | 929 |
| 26.12.2020 | 05:15 | 05:30 | 929 |
| 26.12.2020 | 05:30 | 05:45 | 929 |
| 26.12.2020 | 05:45 | 06:00 | 949 |
| 26.12.2020 | 06:00 | 06:15 | 948 |
| 26.12.2020 | 06:15 | 06:30 | 962 |
| 26.12.2020 | 06:30 | 06:45 | 982 |
| 26.12.2020 | 06:45 | 07:00 | 998 |
| 26.12.2020 | 07:00 | 07:15 | 1.015 |
| 26.12.2020 | 07:15 | 07:30 | 1.048 |
| 26.12.2020 | 07:30 | 07:45 | 1.080 |
| 26.12.2020 | 07:45 | 08:00 | 1.115 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.12.2020 | 08:00 | 08:15 | 1.178 |
| 26.12.2020 | 08:15 | 08:30 | 1.179 |
| 26.12.2020 | 08:30 | 08:45 | 1.238 |
| 26.12.2020 | 08:45 | 09:00 | 1.301 |
| 26.12.2020 | 09:00 | 09:15 | 1.359 |
| 26.12.2020 | 09:15 | 09:30 | 1.423 |
| 26.12.2020 | 09:30 | 09:45 | 1.505 |
| 26.12.2020 | 09:45 | 10:00 | 1.576 |
| 26.12.2020 | 10:00 | 10:15 | 1.644 |
| 26.12.2020 | 10:15 | 10:30 | 1.713 |
| 26.12.2020 | 10:30 | 10:45 | 1.756 |
| 26.12.2020 | 10:45 | 11:00 | 1.845 |
| 26.12.2020 | 11:00 | 11:15 | 1.905 |
| 26.12.2020 | 11:15 | 11:30 | 1.952 |
| 26.12.2020 | 11:30 | 11:45 | 2.001 |
| 26.12.2020 | 11:45 | 12:00 | 2.017 |
| 26.12.2020 | 12:00 | 12:15 | 2.029 |
| 26.12.2020 | 12:15 | 12:30 | 2.072 |
| 26.12.2020 | 12:30 | 12:45 | 2.066 |
| 26.12.2020 | 12:45 | 13:00 | 2.030 |
| 26.12.2020 | 13:00 | 13:15 | 2.004 |
| 26.12.2020 | 13:15 | 13:30 | 1.990 |
| 26.12.2020 | 13:30 | 13:45 | 1.939 |
| 26.12.2020 | 13:45 | 14:00 | 1.933 |
| 26.12.2020 | 14:00 | 14:15 | 1.881 |
| 26.12.2020 | 14:15 | 14:30 | 1.835 |
| 26.12.2020 | 14:30 | 14:45 | 1.813 |
| 26.12.2020 | 14:45 | 15:00 | 1.819 |
| 26.12.2020 | 15:00 | 15:15 | 1.807 |
| 26.12.2020 | 15:15 | 15:30 | 1.800 |
| 26.12.2020 | 15:30 | 15:45 | 1.809 |
| 26.12.2020 | 15:45 | 16:00 | 1.815 |
| 26.12.2020 | 16:00 | 16:15 | 1.822 |
| 26.12.2020 | 16:15 | 16:30 | 1.851 |
| 26.12.2020 | 16:30 | 16:45 | 1.927 |
| 26.12.2020 | 16:45 | 17:00 | 2.045 |
| 26.12.2020 | 17:00 | 17:15 | 2.061 |
| 26.12.2020 | 17:15 | 17:30 | 2.058 |
| 26.12.2020 | 17:30 | 17:45 | 2.076 |
| 26.12.2020 | 17:45 | 18:00 | 2.083 |
| 26.12.2020 | 18:00 | 18:15 | 2.057 |
| 26.12.2020 | 18:15 | 18:30 | 2.064 |
| 26.12.2020 | 18:30 | 18:45 | 2.044 |
| 26.12.2020 | 18:45 | 19:00 | 2.034 |
| 26.12.2020 | 19:00 | 19:15 | 1.990 |
| 26.12.2020 | 19:15 | 19:30 | 1.959 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 26.12.2020 | 19:30 | 19:45 | 1.897 |
| 26.12.2020 | 19:45 | 20:00 | 1.850 |
| 26.12.2020 | 20:00 | 20:15 | 1.803 |
| 26.12.2020 | 20:15 | 20:30 | 1.749 |
| 26.12.2020 | 20:30 | 20:45 | 1.681 |
| 26.12.2020 | 20:45 | 21:00 | 1.632 |
| 26.12.2020 | 21:00 | 21:15 | 1.600 |
| 26.12.2020 | 21:15 | 21:30 | 1.548 |
| 26.12.2020 | 21:30 | 21:45 | 1.526 |
| 26.12.2020 | 21:45 | 22:00 | 1.504 |
| 26.12.2020 | 22:00 | 22:15 | 1.598 |
| 26.12.2020 | 22:15 | 22:30 | 1.541 |
| 26.12.2020 | 22:30 | 22:45 | 1.511 |
| 26.12.2020 | 22:45 | 23:00 | 1.467 |
| 26.12.2020 | 23:00 | 23:15 | 1.406 |
| 26.12.2020 | 23:15 | 23:30 | 1.381 |
| 26.12.2020 | 23:30 | 23:45 | 1.333 |
| 26.12.2020 | 23:45 | 00:00 | 1.276 |
| 27.12.2020 | 00:00 | 00:15 | 1.228 |
| 27.12.2020 | 00:15 | 00:30 | 1.192 |
| 27.12.2020 | 00:30 | 00:45 | 1.141 |
| 27.12.2020 | 00:45 | 01:00 | 1.100 |
| 27.12.2020 | 01:00 | 01:15 | 1.069 |
| 27.12.2020 | 01:15 | 01:30 | 1.045 |
| 27.12.2020 | 01:30 | 01:45 | 1.016 |
| 27.12.2020 | 01:45 | 02:00 | 996 |
| 27.12.2020 | 02:00 | 02:15 | 982 |
| 27.12.2020 | 02:15 | 02:30 | 968 |
| 27.12.2020 | 02:30 | 02:45 | 955 |
| 27.12.2020 | 02:45 | 03:00 | 953 |
| 27.12.2020 | 03:00 | 03:15 | 947 |
| 27.12.2020 | 03:15 | 03:30 | 939 |
| 27.12.2020 | 03:30 | 03:45 | 930 |
| 27.12.2020 | 03:45 | 04:00 | 925 |
| 27.12.2020 | 04:00 | 04:15 | 927 |
| 27.12.2020 | 04:15 | 04:30 | 931 |
| 27.12.2020 | 04:30 | 04:45 | 933 |
| 27.12.2020 | 04:45 | 05:00 | 934 |
| 27.12.2020 | 05:00 | 05:15 | 947 |
| 27.12.2020 | 05:15 | 05:30 | 949 |
| 27.12.2020 | 05:30 | 05:45 | 955 |
| 27.12.2020 | 05:45 | 06:00 | 971 |
| 27.12.2020 | 06:00 | 06:15 | 955 |
| 27.12.2020 | 06:15 | 06:30 | 963 |
| 27.12.2020 | 06:30 | 06:45 | 985 |
| 27.12.2020 | 06:45 | 07:00 | 996 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.12.2020 | 07:00 | 07:15 | 1.028 |
| 27.12.2020 | 07:15 | 07:30 | 1.041 |
| 27.12.2020 | 07:30 | 07:45 | 1.072 |
| 27.12.2020 | 07:45 | 08:00 | 1.110 |
| 27.12.2020 | 08:00 | 08:15 | 1.151 |
| 27.12.2020 | 08:15 | 08:30 | 1.192 |
| 27.12.2020 | 08:30 | 08:45 | 1.217 |
| 27.12.2020 | 08:45 | 09:00 | 1.268 |
| 27.12.2020 | 09:00 | 09:15 | 1.325 |
| 27.12.2020 | 09:15 | 09:30 | 1.407 |
| 27.12.2020 | 09:30 | 09:45 | 1.478 |
| 27.12.2020 | 09:45 | 10:00 | 1.546 |
| 27.12.2020 | 10:00 | 10:15 | 1.589 |
| 27.12.2020 | 10:15 | 10:30 | 1.660 |
| 27.12.2020 | 10:30 | 10:45 | 1.718 |
| 27.12.2020 | 10:45 | 11:00 | 1.785 |
| 27.12.2020 | 11:00 | 11:15 | 1.872 |
| 27.12.2020 | 11:15 | 11:30 | 1.937 |
| 27.12.2020 | 11:30 | 11:45 | 1.988 |
| 27.12.2020 | 11:45 | 12:00 | 2.051 |
| 27.12.2020 | 12:00 | 12:15 | 2.104 |
| 27.12.2020 | 12:15 | 12:30 | 2.160 |
| 27.12.2020 | 12:30 | 12:45 | 2.167 |
| 27.12.2020 | 12:45 | 13:00 | 2.136 |
| 27.12.2020 | 13:00 | 13:15 | 2.142 |
| 27.12.2020 | 13:15 | 13:30 | 2.164 |
| 27.12.2020 | 13:30 | 13:45 | 2.158 |
| 27.12.2020 | 13:45 | 14:00 | 2.141 |
| 27.12.2020 | 14:00 | 14:15 | 2.071 |
| 27.12.2020 | 14:15 | 14:30 | 2.080 |
| 27.12.2020 | 14:30 | 14:45 | 2.054 |
| 27.12.2020 | 14:45 | 15:00 | 2.032 |
| 27.12.2020 | 15:00 | 15:15 | 2.000 |
| 27.12.2020 | 15:15 | 15:30 | 2.023 |
| 27.12.2020 | 15:30 | 15:45 | 2.060 |
| 27.12.2020 | 15:45 | 16:00 | 2.068 |
| 27.12.2020 | 16:00 | 16:15 | 2.118 |
| 27.12.2020 | 16:15 | 16:30 | 2.166 |
| 27.12.2020 | 16:30 | 16:45 | 2.209 |
| 27.12.2020 | 16:45 | 17:00 | 2.321 |
| 27.12.2020 | 17:00 | 17:15 | 2.360 |
| 27.12.2020 | 17:15 | 17:30 | 2.400 |
| 27.12.2020 | 17:30 | 17:45 | 2.397 |
| 27.12.2020 | 17:45 | 18:00 | 2.434 |
| 27.12.2020 | 18:00 | 18:15 | 2.421 |
| 27.12.2020 | 18:15 | 18:30 | 2.398 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 27.12.2020 | 18:30 | 18:45 | 2.405 |
| 27.12.2020 | 18:45 | 19:00 | 2.378 |
| 27.12.2020 | 19:00 | 19:15 | 2.333 |
| 27.12.2020 | 19:15 | 19:30 | 2.275 |
| 27.12.2020 | 19:30 | 19:45 | 2.204 |
| 27.12.2020 | 19:45 | 20:00 | 2.127 |
| 27.12.2020 | 20:00 | 20:15 | 2.103 |
| 27.12.2020 | 20:15 | 20:30 | 2.059 |
| 27.12.2020 | 20:30 | 20:45 | 1.933 |
| 27.12.2020 | 20:45 | 21:00 | 1.940 |
| 27.12.2020 | 21:00 | 21:15 | 1.885 |
| 27.12.2020 | 21:15 | 21:30 | 1.820 |
| 27.12.2020 | 21:30 | 21:45 | 1.782 |
| 27.12.2020 | 21:45 | 22:00 | 1.744 |
| 27.12.2020 | 22:00 | 22:15 | 1.844 |
| 27.12.2020 | 22:15 | 22:30 | 1.781 |
| 27.12.2020 | 22:30 | 22:45 | 1.738 |
| 27.12.2020 | 22:45 | 23:00 | 1.667 |
| 27.12.2020 | 23:00 | 23:15 | 1.615 |
| 27.12.2020 | 23:15 | 23:30 | 1.514 |
| 27.12.2020 | 23:30 | 23:45 | 1.413 |
| 27.12.2020 | 23:45 | 00:00 | 1.352 |
| 28.12.2020 | 00:00 | 00:15 | 1.312 |
| 28.12.2020 | 00:15 | 00:30 | 1.261 |
| 28.12.2020 | 00:30 | 00:45 | 1.212 |
| 28.12.2020 | 00:45 | 01:00 | 1.180 |
| 28.12.2020 | 01:00 | 01:15 | 1.148 |
| 28.12.2020 | 01:15 | 01:30 | 1.125 |
| 28.12.2020 | 01:30 | 01:45 | 1.094 |
| 28.12.2020 | 01:45 | 02:00 | 1.083 |
| 28.12.2020 | 02:00 | 02:15 | 1.070 |
| 28.12.2020 | 02:15 | 02:30 | 1.057 |
| 28.12.2020 | 02:30 | 02:45 | 1.040 |
| 28.12.2020 | 02:45 | 03:00 | 1.030 |
| 28.12.2020 | 03:00 | 03:15 | 1.029 |
| 28.12.2020 | 03:15 | 03:30 | 1.026 |
| 28.12.2020 | 03:30 | 03:45 | 1.031 |
| 28.12.2020 | 03:45 | 04:00 | 1.038 |
| 28.12.2020 | 04:00 | 04:15 | 1.070 |
| 28.12.2020 | 04:15 | 04:30 | 1.083 |
| 28.12.2020 | 04:30 | 04:45 | 1.099 |
| 28.12.2020 | 04:45 | 05:00 | 1.118 |
| 28.12.2020 | 05:00 | 05:15 | 1.164 |
| 28.12.2020 | 05:15 | 05:30 | 1.212 |
| 28.12.2020 | 05:30 | 05:45 | 1.231 |
| 28.12.2020 | 05:45 | 06:00 | 1.280 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.12.2020 | 06:00 | 06:15 | 1.332 |
| 28.12.2020 | 06:15 | 06:30 | 1.395 |
| 28.12.2020 | 06:30 | 06:45 | 1.448 |
| 28.12.2020 | 06:45 | 07:00 | 1.481 |
| 28.12.2020 | 07:00 | 07:15 | 1.549 |
| 28.12.2020 | 07:15 | 07:30 | 1.620 |
| 28.12.2020 | 07:30 | 07:45 | 1.652 |
| 28.12.2020 | 07:45 | 08:00 | 1.727 |
| 28.12.2020 | 08:00 | 08:15 | 1.806 |
| 28.12.2020 | 08:15 | 08:30 | 1.814 |
| 28.12.2020 | 08:30 | 08:45 | 1.858 |
| 28.12.2020 | 08:45 | 09:00 | 1.880 |
| 28.12.2020 | 09:00 | 09:15 | 1.989 |
| 28.12.2020 | 09:15 | 09:30 | 2.027 |
| 28.12.2020 | 09:30 | 09:45 | 2.114 |
| 28.12.2020 | 09:45 | 10:00 | 2.132 |
| 28.12.2020 | 10:00 | 10:15 | 2.157 |
| 28.12.2020 | 10:15 | 10:30 | 2.226 |
| 28.12.2020 | 10:30 | 10:45 | 2.251 |
| 28.12.2020 | 10:45 | 11:00 | 2.275 |
| 28.12.2020 | 11:00 | 11:15 | 2.230 |
| 28.12.2020 | 11:15 | 11:30 | 2.276 |
| 28.12.2020 | 11:30 | 11:45 | 2.349 |
| 28.12.2020 | 11:45 | 12:00 | 2.404 |
| 28.12.2020 | 12:00 | 12:15 | 2.398 |
| 28.12.2020 | 12:15 | 12:30 | 2.447 |
| 28.12.2020 | 12:30 | 12:45 | 2.482 |
| 28.12.2020 | 12:45 | 13:00 | 2.496 |
| 28.12.2020 | 13:00 | 13:15 | 2.452 |
| 28.12.2020 | 13:15 | 13:30 | 2.408 |
| 28.12.2020 | 13:30 | 13:45 | 2.348 |
| 28.12.2020 | 13:45 | 14:00 | 2.325 |
| 28.12.2020 | 14:00 | 14:15 | 2.311 |
| 28.12.2020 | 14:15 | 14:30 | 2.294 |
| 28.12.2020 | 14:30 | 14:45 | 2.240 |
| 28.12.2020 | 14:45 | 15:00 | 2.322 |
| 28.12.2020 | 15:00 | 15:15 | 2.346 |
| 28.12.2020 | 15:15 | 15:30 | 2.344 |
| 28.12.2020 | 15:30 | 15:45 | 2.327 |
| 28.12.2020 | 15:45 | 16:00 | 2.351 |
| 28.12.2020 | 16:00 | 16:15 | 2.423 |
| 28.12.2020 | 16:15 | 16:30 | 2.525 |
| 28.12.2020 | 16:30 | 16:45 | 2.595 |
| 28.12.2020 | 16:45 | 17:00 | 2.702 |
| 28.12.2020 | 17:00 | 17:15 | 2.796 |
| 28.12.2020 | 17:15 | 17:30 | 2.850 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 28.12.2020 | 17:30 | 17:45 | 2.839 |
| 28.12.2020 | 17:45 | 18:00 | 2.797 |
| 28.12.2020 | 18:00 | 18:15 | 2.786 |
| 28.12.2020 | 18:15 | 18:30 | 2.782 |
| 28.12.2020 | 18:30 | 18:45 | 2.767 |
| 28.12.2020 | 18:45 | 19:00 | 2.790 |
| 28.12.2020 | 19:00 | 19:15 | 2.695 |
| 28.12.2020 | 19:15 | 19:30 | 2.597 |
| 28.12.2020 | 19:30 | 19:45 | 2.536 |
| 28.12.2020 | 19:45 | 20:00 | 2.471 |
| 28.12.2020 | 20:00 | 20:15 | 2.386 |
| 28.12.2020 | 20:15 | 20:30 | 2.320 |
| 28.12.2020 | 20:30 | 20:45 | 2.229 |
| 28.12.2020 | 20:45 | 21:00 | 2.082 |
| 28.12.2020 | 21:00 | 21:15 | 2.003 |
| 28.12.2020 | 21:15 | 21:30 | 1.917 |
| 28.12.2020 | 21:30 | 21:45 | 1.861 |
| 28.12.2020 | 21:45 | 22:00 | 1.769 |
| 28.12.2020 | 22:00 | 22:15 | 1.846 |
| 28.12.2020 | 22:15 | 22:30 | 1.797 |
| 28.12.2020 | 22:30 | 22:45 | 1.759 |
| 28.12.2020 | 22:45 | 23:00 | 1.704 |
| 28.12.2020 | 23:00 | 23:15 | 1.598 |
| 28.12.2020 | 23:15 | 23:30 | 1.529 |
| 28.12.2020 | 23:30 | 23:45 | 1.453 |
| 28.12.2020 | 23:45 | 00:00 | 1.390 |
| 29.12.2020 | 00:00 | 00:15 | 1.340 |
| 29.12.2020 | 00:15 | 00:30 | 1.297 |
| 29.12.2020 | 00:30 | 00:45 | 1.263 |
| 29.12.2020 | 00:45 | 01:00 | 1.244 |
| 29.12.2020 | 01:00 | 01:15 | 1.227 |
| 29.12.2020 | 01:15 | 01:30 | 1.185 |
| 29.12.2020 | 01:30 | 01:45 | 1.161 |
| 29.12.2020 | 01:45 | 02:00 | 1.143 |
| 29.12.2020 | 02:00 | 02:15 | 1.117 |
| 29.12.2020 | 02:15 | 02:30 | 1.103 |
| 29.12.2020 | 02:30 | 02:45 | 1.086 |
| 29.12.2020 | 02:45 | 03:00 | 1.075 |
| 29.12.2020 | 03:00 | 03:15 | 1.075 |
| 29.12.2020 | 03:15 | 03:30 | 1.114 |
| 29.12.2020 | 03:30 | 03:45 | 1.109 |
| 29.12.2020 | 03:45 | 04:00 | 1.124 |
| 29.12.2020 | 04:00 | 04:15 | 1.143 |
| 29.12.2020 | 04:15 | 04:30 | 1.154 |
| 29.12.2020 | 04:30 | 04:45 | 1.186 |
| 29.12.2020 | 04:45 | 05:00 | 1.209 |

**§17 Abs. 2 Nr. 3 StromNZV**

**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.12.2020 | 05:00 | 05:15 | 1.246 |
| 29.12.2020 | 05:15 | 05:30 | 1.276 |
| 29.12.2020 | 05:30 | 05:45 | 1.289 |
| 29.12.2020 | 05:45 | 06:00 | 1.304 |
| 29.12.2020 | 06:00 | 06:15 | 1.327 |
| 29.12.2020 | 06:15 | 06:30 | 1.377 |
| 29.12.2020 | 06:30 | 06:45 | 1.420 |
| 29.12.2020 | 06:45 | 07:00 | 1.472 |
| 29.12.2020 | 07:00 | 07:15 | 1.528 |
| 29.12.2020 | 07:15 | 07:30 | 1.583 |
| 29.12.2020 | 07:30 | 07:45 | 1.645 |
| 29.12.2020 | 07:45 | 08:00 | 1.737 |
| 29.12.2020 | 08:00 | 08:15 | 1.814 |
| 29.12.2020 | 08:15 | 08:30 | 1.837 |
| 29.12.2020 | 08:30 | 08:45 | 1.875 |
| 29.12.2020 | 08:45 | 09:00 | 1.924 |
| 29.12.2020 | 09:00 | 09:15 | 1.957 |
| 29.12.2020 | 09:15 | 09:30 | 2.014 |
| 29.12.2020 | 09:30 | 09:45 | 2.061 |
| 29.12.2020 | 09:45 | 10:00 | 2.116 |
| 29.12.2020 | 10:00 | 10:15 | 2.174 |
| 29.12.2020 | 10:15 | 10:30 | 2.204 |
| 29.12.2020 | 10:30 | 10:45 | 2.239 |
| 29.12.2020 | 10:45 | 11:00 | 2.261 |
| 29.12.2020 | 11:00 | 11:15 | 2.298 |
| 29.12.2020 | 11:15 | 11:30 | 2.313 |
| 29.12.2020 | 11:30 | 11:45 | 2.360 |
| 29.12.2020 | 11:45 | 12:00 | 2.466 |
| 29.12.2020 | 12:00 | 12:15 | 2.499 |
| 29.12.2020 | 12:15 | 12:30 | 2.514 |
| 29.12.2020 | 12:30 | 12:45 | 2.530 |
| 29.12.2020 | 12:45 | 13:00 | 2.550 |
| 29.12.2020 | 13:00 | 13:15 | 2.530 |
| 29.12.2020 | 13:15 | 13:30 | 2.531 |
| 29.12.2020 | 13:30 | 13:45 | 2.505 |
| 29.12.2020 | 13:45 | 14:00 | 2.478 |
| 29.12.2020 | 14:00 | 14:15 | 2.445 |
| 29.12.2020 | 14:15 | 14:30 | 2.407 |
| 29.12.2020 | 14:30 | 14:45 | 2.383 |
| 29.12.2020 | 14:45 | 15:00 | 2.345 |
| 29.12.2020 | 15:00 | 15:15 | 2.332 |
| 29.12.2020 | 15:15 | 15:30 | 2.283 |
| 29.12.2020 | 15:30 | 15:45 | 2.273 |
| 29.12.2020 | 15:45 | 16:00 | 2.282 |
| 29.12.2020 | 16:00 | 16:15 | 2.390 |
| 29.12.2020 | 16:15 | 16:30 | 2.414 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 29.12.2020 | 16:30 | 16:45 | 2.459 |
| 29.12.2020 | 16:45 | 17:00 | 2.606 |
| 29.12.2020 | 17:00 | 17:15 | 2.660 |
| 29.12.2020 | 17:15 | 17:30 | 2.673 |
| 29.12.2020 | 17:30 | 17:45 | 2.686 |
| 29.12.2020 | 17:45 | 18:00 | 2.714 |
| 29.12.2020 | 18:00 | 18:15 | 2.671 |
| 29.12.2020 | 18:15 | 18:30 | 2.653 |
| 29.12.2020 | 18:30 | 18:45 | 2.628 |
| 29.12.2020 | 18:45 | 19:00 | 2.588 |
| 29.12.2020 | 19:00 | 19:15 | 2.543 |
| 29.12.2020 | 19:15 | 19:30 | 2.465 |
| 29.12.2020 | 19:30 | 19:45 | 2.403 |
| 29.12.2020 | 19:45 | 20:00 | 2.344 |
| 29.12.2020 | 20:00 | 20:15 | 2.294 |
| 29.12.2020 | 20:15 | 20:30 | 2.194 |
| 29.12.2020 | 20:30 | 20:45 | 2.104 |
| 29.12.2020 | 20:45 | 21:00 | 2.034 |
| 29.12.2020 | 21:00 | 21:15 | 1.952 |
| 29.12.2020 | 21:15 | 21:30 | 1.859 |
| 29.12.2020 | 21:30 | 21:45 | 1.793 |
| 29.12.2020 | 21:45 | 22:00 | 1.722 |
| 29.12.2020 | 22:00 | 22:15 | 1.781 |
| 29.12.2020 | 22:15 | 22:30 | 1.746 |
| 29.12.2020 | 22:30 | 22:45 | 1.721 |
| 29.12.2020 | 22:45 | 23:00 | 1.668 |
| 29.12.2020 | 23:00 | 23:15 | 1.660 |
| 29.12.2020 | 23:15 | 23:30 | 1.606 |
| 29.12.2020 | 23:30 | 23:45 | 1.547 |
| 29.12.2020 | 23:45 | 00:00 | 1.488 |
| 30.12.2020 | 00:00 | 00:15 | 1.437 |
| 30.12.2020 | 00:15 | 00:30 | 1.385 |
| 30.12.2020 | 00:30 | 00:45 | 1.311 |
| 30.12.2020 | 00:45 | 01:00 | 1.268 |
| 30.12.2020 | 01:00 | 01:15 | 1.186 |
| 30.12.2020 | 01:15 | 01:30 | 1.150 |
| 30.12.2020 | 01:30 | 01:45 | 1.127 |
| 30.12.2020 | 01:45 | 02:00 | 1.102 |
| 30.12.2020 | 02:00 | 02:15 | 1.067 |
| 30.12.2020 | 02:15 | 02:30 | 1.054 |
| 30.12.2020 | 02:30 | 02:45 | 1.039 |
| 30.12.2020 | 02:45 | 03:00 | 1.026 |
| 30.12.2020 | 03:00 | 03:15 | 1.013 |
| 30.12.2020 | 03:15 | 03:30 | 998 |
| 30.12.2020 | 03:30 | 03:45 | 1.012 |
| 30.12.2020 | 03:45 | 04:00 | 1.028 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.12.2020 | 04:00 | 04:15 | 1.047 |
| 30.12.2020 | 04:15 | 04:30 | 1.068 |
| 30.12.2020 | 04:30 | 04:45 | 1.080 |
| 30.12.2020 | 04:45 | 05:00 | 1.090 |
| 30.12.2020 | 05:00 | 05:15 | 1.127 |
| 30.12.2020 | 05:15 | 05:30 | 1.173 |
| 30.12.2020 | 05:30 | 05:45 | 1.208 |
| 30.12.2020 | 05:45 | 06:00 | 1.240 |
| 30.12.2020 | 06:00 | 06:15 | 1.263 |
| 30.12.2020 | 06:15 | 06:30 | 1.319 |
| 30.12.2020 | 06:30 | 06:45 | 1.374 |
| 30.12.2020 | 06:45 | 07:00 | 1.418 |
| 30.12.2020 | 07:00 | 07:15 | 1.483 |
| 30.12.2020 | 07:15 | 07:30 | 1.527 |
| 30.12.2020 | 07:30 | 07:45 | 1.569 |
| 30.12.2020 | 07:45 | 08:00 | 1.622 |
| 30.12.2020 | 08:00 | 08:15 | 1.697 |
| 30.12.2020 | 08:15 | 08:30 | 1.743 |
| 30.12.2020 | 08:30 | 08:45 | 1.776 |
| 30.12.2020 | 08:45 | 09:00 | 1.843 |
| 30.12.2020 | 09:00 | 09:15 | 1.895 |
| 30.12.2020 | 09:15 | 09:30 | 1.953 |
| 30.12.2020 | 09:30 | 09:45 | 2.001 |
| 30.12.2020 | 09:45 | 10:00 | 2.051 |
| 30.12.2020 | 10:00 | 10:15 | 2.067 |
| 30.12.2020 | 10:15 | 10:30 | 2.122 |
| 30.12.2020 | 10:30 | 10:45 | 2.192 |
| 30.12.2020 | 10:45 | 11:00 | 2.261 |
| 30.12.2020 | 11:00 | 11:15 | 2.346 |
| 30.12.2020 | 11:15 | 11:30 | 2.423 |
| 30.12.2020 | 11:30 | 11:45 | 2.462 |
| 30.12.2020 | 11:45 | 12:00 | 2.460 |
| 30.12.2020 | 12:00 | 12:15 | 2.474 |
| 30.12.2020 | 12:15 | 12:30 | 2.468 |
| 30.12.2020 | 12:30 | 12:45 | 2.470 |
| 30.12.2020 | 12:45 | 13:00 | 2.462 |
| 30.12.2020 | 13:00 | 13:15 | 2.457 |
| 30.12.2020 | 13:15 | 13:30 | 2.439 |
| 30.12.2020 | 13:30 | 13:45 | 2.383 |
| 30.12.2020 | 13:45 | 14:00 | 2.355 |
| 30.12.2020 | 14:00 | 14:15 | 2.328 |
| 30.12.2020 | 14:15 | 14:30 | 2.313 |
| 30.12.2020 | 14:30 | 14:45 | 2.295 |
| 30.12.2020 | 14:45 | 15:00 | 2.293 |
| 30.12.2020 | 15:00 | 15:15 | 2.345 |
| 30.12.2020 | 15:15 | 15:30 | 2.363 |

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**Netzverluste 2020 - Netzgebiet Herne**

Summe in kWh: 15.967.502

| | | | kW |
|---|---|---|---|
| 30.12.2020 | 15:30 | 15:45 | 2.304 |
| 30.12.2020 | 15:45 | 16:00 | 2.316 |
| 30.12.2020 | 16:00 | 16:15 | 2.369 |
| 30.12.2020 | 16:15 | 16:30 | 2.407 |
| 30.12.2020 | 16:30 | 16:45 | 2.448 |
| 30.12.2020 | 16:45 | 17:00 | 2.552 |
| 30.12.2020 | 17:00 | 17:15 | 2.611 |
| 30.12.2020 | 17:15 | 17:30 | 2.647 |
| 30.12.2020 | 17:30 | 17:45 | 2.659 |
| 30.12.2020 | 17:45 | 18:00 | 2.667 |
| 30.12.2020 | 18:00 | 18:15 | 2.665 |
| 30.12.2020 | 18:15 | 18:30 | 2.660 |
| 30.12.2020 | 18:30 | 18:45 | 2.586 |
| 30.12.2020 | 18:45 | 19:00 | 2.585 |
| 30.12.2020 | 19:00 | 19:15 | 2.554 |
| 30.12.2020 | 19:15 | 19:30 | 2.495 |
| 30.12.2020 | 19:30 | 19:45 | 2.439 |
| 30.12.2020 | 19:45 | 20:00 | 2.381 |
| 30.12.2020 | 20:00 | 20:15 | 2.283 |
| 30.12.2020 | 20:15 | 20:30 | 2.190 |
| 30.12.2020 | 20:30 | 20:45 | 2.095 |
| 30.12.2020 | 20:45 | 21:00 | 2.032 |
| 30.12.2020 | 21:00 | 21:15 | 1.956 |
| 30.12.2020 | 21:15 | 21:30 | 1.873 |
| 30.12.2020 | 21:30 | 21:45 | 1.802 |
| 30.12.2020 | 21:45 | 22:00 | 1.751 |
| 30.12.2020 | 22:00 | 22:15 | 1.812 |
| 30.12.2020 | 22:15 | 22:30 | 1.746 |
| 30.12.2020 | 22:30 | 22:45 | 1.705 |
| 30.12.2020 | 22:45 | 23:00 | 1.665 |
| 30.12.2020 | 23:00 | 23:15 | 1.576 |
| 30.12.2020 | 23:15 | 23:30 | 1.520 |
| 30.12.2020 | 23:30 | 23:45 | 1.506 |
| 30.12.2020 | 23:45 | 00:00 | 1.464 |
| 31.12.2020 | 00:00 | 00:15 | 1.393 |
| 31.12.2020 | 00:15 | 00:30 | 1.338 |
| 31.12.2020 | 00:30 | 00:45 | 1.297 |
| 31.12.2020 | 00:45 | 01:00 | 1.236 |
| 31.12.2020 | 01:00 | 01:15 | 1.202 |
| 31.12.2020 | 01:15 | 01:30 | 1.161 |
| 31.12.2020 | 01:30 | 01:45 | 1.124 |
| 31.12.2020 | 01:45 | 02:00 | 1.089 |
| 31.12.2020 | 02:00 | 02:15 | 1.050 |
| 31.12.2020 | 02:15 | 02:30 | 1.031 |
| 31.12.2020 | 02:30 | 02:45 | 1.018 |
| 31.12.2020 | 02:45 | 03:00 | 1.001 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 31.12.2020 | 03:00 | 03:15 | 1.003 |
| 31.12.2020 | 03:15 | 03:30 | 999 |
| 31.12.2020 | 03:30 | 03:45 | 995 |
| 31.12.2020 | 03:45 | 04:00 | 999 |
| 31.12.2020 | 04:00 | 04:15 | 1.023 |
| 31.12.2020 | 04:15 | 04:30 | 1.030 |
| 31.12.2020 | 04:30 | 04:45 | 1.039 |
| 31.12.2020 | 04:45 | 05:00 | 1.053 |
| 31.12.2020 | 05:00 | 05:15 | 1.107 |
| 31.12.2020 | 05:15 | 05:30 | 1.120 |
| 31.12.2020 | 05:30 | 05:45 | 1.143 |
| 31.12.2020 | 05:45 | 06:00 | 1.170 |
| 31.12.2020 | 06:00 | 06:15 | 1.169 |
| 31.12.2020 | 06:15 | 06:30 | 1.197 |
| 31.12.2020 | 06:30 | 06:45 | 1.218 |
| 31.12.2020 | 06:45 | 07:00 | 1.245 |
| 31.12.2020 | 07:00 | 07:15 | 1.295 |
| 31.12.2020 | 07:15 | 07:30 | 1.338 |
| 31.12.2020 | 07:30 | 07:45 | 1.386 |
| 31.12.2020 | 07:45 | 08:00 | 1.416 |
| 31.12.2020 | 08:00 | 08:15 | 1.475 |
| 31.12.2020 | 08:15 | 08:30 | 1.485 |
| 31.12.2020 | 08:30 | 08:45 | 1.509 |
| 31.12.2020 | 08:45 | 09:00 | 1.568 |
| 31.12.2020 | 09:00 | 09:15 | 1.654 |
| 31.12.2020 | 09:15 | 09:30 | 1.719 |
| 31.12.2020 | 09:30 | 09:45 | 1.791 |
| 31.12.2020 | 09:45 | 10:00 | 1.841 |
| 31.12.2020 | 10:00 | 10:15 | 1.890 |
| 31.12.2020 | 10:15 | 10:30 | 1.941 |
| 31.12.2020 | 10:30 | 10:45 | 1.954 |
| 31.12.2020 | 10:45 | 11:00 | 2.015 |
| 31.12.2020 | 11:00 | 11:15 | 2.051 |
| 31.12.2020 | 11:15 | 11:30 | 2.108 |
| 31.12.2020 | 11:30 | 11:45 | 2.128 |
| 31.12.2020 | 11:45 | 12:00 | 2.176 |
| 31.12.2020 | 12:00 | 12:15 | 2.196 |
| 31.12.2020 | 12:15 | 12:30 | 2.217 |
| 31.12.2020 | 12:30 | 12:45 | 2.252 |
| 31.12.2020 | 12:45 | 13:00 | 2.207 |
| 31.12.2020 | 13:00 | 13:15 | 2.200 |
| 31.12.2020 | 13:15 | 13:30 | 2.196 |
| 31.12.2020 | 13:30 | 13:45 | 2.206 |
| 31.12.2020 | 13:45 | 14:00 | 2.211 |
| 31.12.2020 | 14:00 | 14:15 | 2.171 |
| 31.12.2020 | 14:15 | 14:30 | 2.190 |

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**Netzverluste 2020 - Netzgebiet Herne**

| | | | |
|---|---|---|---|
| | Summe in kWh: | | 15.967.502 |
| | | | kW |
| 31.12.2020 | 14:30 | 14:45 | 2.145 |
| 31.12.2020 | 14:45 | 15:00 | 2.161 |
| 31.12.2020 | 15:00 | 15:15 | 2.187 |
| 31.12.2020 | 15:15 | 15:30 | 2.178 |
| 31.12.2020 | 15:30 | 15:45 | 2.178 |
| 31.12.2020 | 15:45 | 16:00 | 2.242 |
| 31.12.2020 | 16:00 | 16:15 | 2.287 |
| 31.12.2020 | 16:15 | 16:30 | 2.345 |
| 31.12.2020 | 16:30 | 16:45 | 2.392 |
| 31.12.2020 | 16:45 | 17:00 | 2.508 |
| 31.12.2020 | 17:00 | 17:15 | 2.554 |
| 31.12.2020 | 17:15 | 17:30 | 2.611 |
| 31.12.2020 | 17:30 | 17:45 | 2.643 |
| 31.12.2020 | 17:45 | 18:00 | 2.663 |
| 31.12.2020 | 18:00 | 18:15 | 2.664 |
| 31.12.2020 | 18:15 | 18:30 | 2.644 |
| 31.12.2020 | 18:30 | 18:45 | 2.585 |
| 31.12.2020 | 18:45 | 19:00 | 2.508 |
| 31.12.2020 | 19:00 | 19:15 | 2.434 |
| 31.12.2020 | 19:15 | 19:30 | 2.356 |
| 31.12.2020 | 19:30 | 19:45 | 2.290 |
| 31.12.2020 | 19:45 | 20:00 | 2.191 |
| 31.12.2020 | 20:00 | 20:15 | 2.118 |
| 31.12.2020 | 20:15 | 20:30 | 2.010 |
| 31.12.2020 | 20:30 | 20:45 | 1.887 |
| 31.12.2020 | 20:45 | 21:00 | 1.744 |
| 31.12.2020 | 21:00 | 21:15 | 1.677 |
| 31.12.2020 | 21:15 | 21:30 | 1.623 |
| 31.12.2020 | 21:30 | 21:45 | 1.569 |
| 31.12.2020 | 21:45 | 22:00 | 1.537 |
| 31.12.2020 | 22:00 | 22:15 | 1.609 |
| 31.12.2020 | 22:15 | 22:30 | 1.575 |
| 31.12.2020 | 22:30 | 22:45 | 1.535 |
| 31.12.2020 | 22:45 | 23:00 | 1.493 |
| 31.12.2020 | 23:00 | 23:15 | 1.459 |
| 31.12.2020 | 23:15 | 23:30 | 1.437 |
| 31.12.2020 | 23:30 | 23:45 | 1.414 |
| 31.12.2020 | 23:45 | 00:00 | 1.375 |