# BürgerWIND Hellweg

| KALENDERJAHR | | JAN | FEB | MRZ | APR | MAI | JUN | JUL | AUG | SEP | OKT | NOV | DEZ | SUMME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Gesamtertrag** seit Inbetriebnahme | kWh | 4.873.369 | 3.572.328 | 3.086.732 | 2.060.726 | 1.943.130 | 1.471.243 | 1.837.342 | 1.626.265 | 1.769.908 | 2.641.935 | 3.474.986 | 4.631.782 | 32.989.746 |
| **Durchschnittsertrag*** | kWh | **324.891** | **238.155** | **205.782** | **137.382** | **129.542** | **98.083** | **122.489** | **108.418** | **117.994** | **176.129** | **231.666** | **293.638** | **2.184.169** |
| **Durchschnittliche Verfügbarkeit** | % | 98,3% | 97,8% | 97,2% | 97,6% | 96,7% | 98,0% | 98,4% | 96,6% | 97,0% | 98,5% | 98,4% | 98,9% | 97,8% |

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

| **Angaben zur Windkraftanlage** | | | | |
|---|---|---|---|---|
| WKA-Typ: | Enercon E-66 | Rotor-Ø: | 66,0 m | Nabenhöhe: 67,0 m |
| Leistung: | 1,5 MW | Rotorfläche: | 3.421 m² | Baujahr: 12/2001 |

| | | JAN | FEB | MRZ | APR | MAI | JUN | JUL | AUG | SEP | OKT | NOV | DEZ | SUMME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2001** | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 227.218 | **227.218** |
| | Verf. | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 96,4% | 96,4% |
| **2002** | kWh | 373.104 | 528.315 | 233.277 | 197.689 | 127.033 | 120.294 | 145.052 | 45.067 | 70.399 | 320.144 | 168.058 | 243.751 | **2.572.183** |
| | Verf. | 92,9% | 99,0% | 97,6% | 98,2% | 97,7% | 98,1% | 98,0% | 99,2% | 97,8% | 98,8% | 99,7% | 98,7% | 98,0% |
| **2003** | kWh | 320.672 | 140.555 | 149.766 | 192.124 | 166.647 | 95.728 | 103.881 | 59.202 | 82.735 | 174.475 | 223.668 | 313.174 | **2.022.627** |
| | Verf. | 99,5% | 99,1% | 98,1% | 99,0% | 99,0% | 99,3% | 94,7% | 92,6% | 97,3% | 96,9% | 96,3% | 100,0% | 97,7% |
| **2004** | kWh | 350.714 | 314.409 | 205.815 | 125.077 | 74.043 | 143.413 | 124.599 | 157.849 | 217.937 | 216.943 | 191.419 | 209.343 | **2.331.561** |
| | Verf. | 99,5% | 96,5% | 98,1% | 98,4% | 95,6% | 96,8% | 99,2% | 97,9% | 98,0% | 99,0% | 98,8% | 96,5% | 97,9% |
| **2005** | kWh | 450.766 | 152.174 | 196.153 | 103.950 | 110.484 | 79.270 | 123.495 | 89.105 | 74.702 | 174.836 | 226.713 | 219.023 | **2.000.671** |
| | Verf. | 98,6% | 98,0% | 97,6% | 98,2% | 97,6% | 96,3% | 99,1% | 93,3% | 97,3% | 99,0% | 95,3% | 99,0% | 97,4% |
| **2006** | kWh | 145.496 | 204.442 | 217.444 | 163.373 | 251.639 | 39.079 | 67.516 | 130.895 | 108.606 | 264.785 | 339.427 | 401.198 | **2.333.900** |
| | Verf. | 99,9% | 96,8% | 96,2% | 98,3% | 98,3% | 86,5% | 98,2% | 96,9% | 96,8% | 99,1% | 98,1% | 99,7% | 97,1% |
| **2007** | kWh | 551.105 | 207.602 | 272.444 | 98.916 | 177.635 | 131.485 | 208.533 | 97.945 | 139.587 | 72.154 | 244.961 | 341.198 | **2.543.565** |
| | Verf. | 97,9% | 97,5% | 98,0% | 97,6% | 99,2% | 99,2% | 99,5% | 97,8% | 98,1% | 99,6% | 98,9% | 99,9% | 98,6% |
| **2008** | kWh | 506.438 | 258.861 | 372.073 | 120.650 | 79.908 | 102.371 | 127.119 | 167.728 | 130.940 | 209.425 | 256.821 | 158.317 | **2.490.651** |
| | Verf. | 98,6% | 99,9% | 98,9% | 96,5% | 98,2% | 99,8% | 96,8% | 98,5% | 94,7% | 99,5% | 98,7% | 99,2% | 98,3% |
| **2009** | kWh | 223.312 | 172.484 | 203.905 | 79.391 | 119.540 | 86.033 | 154.467 | 84.859 | 115.872 | 158.513 | 421.125 | 212.625 | **2.032.126** |
| | Verf. | 97,1% | 99,9% | 97,9% | 97,6% | 84,3% | 98,0% | 99,0% | 97,7% | 97,9% | 98,9% | 98,0% | 95,5% | 96,8% |
| **2010** | kWh | 123.161 | 206.693 | 201.442 | 122.973 | 74.423 | 59.928 | 78.717 | 120.835 | 123.951 | 173.089 | 231.265 | 166.649 | **1.683.126** |
| | Verf. | 98,1% | 97,6% | 97,9% | 97,6% | 99,4% | 99,5% | 99,1% | 93,9% | 98,4% | 99,5% | 98,9% | 98,4% | 98,2% |
| **2011** | kWh | 224.833 | 235.960 | 121.460 | 130.846 | 133.009 | 134.423 | 173.888 | 141.121 | 168.601 | 174.805 | 125.309 | 500.321 | **2.264.576** |
| | Verf. | 100,0% | 94,9% | 88,9% | 95,9% | 96,1% | 99,0% | 99,0% | 97,5% | 96,2% | 92,5% | 99,8% | 100,0% | 96,7% |
| **2012** | kWh | 370.539 | 188.563 | 109.948 | 158.901 | 98.679 | 140.968 | 138.868 | 101.707 | 127.852 | 175.780 | 189.156 | 328.055 | **2.129.016** |
| | Verf. | 99,2% | 99,5% | 97,1% | 97,6% | 94,7% | 99,7% | 99,0% | 96,4% | 97,1% | 99,0% | 96,1% | 99,9% | 97,9% |
| **2013** | kWh | 262.612 | 134.230 | 205.802 | 157.979 | 112.997 | 126.692 | 50.787 | 79.506 | 133.926 | 225.355 | 186.352 | 391.192 | **2.067.430** |
| | Verf. | 97,9% | 97,9% | 97,9% | 97,8% | 97,6% | 99,8% | 99,2% | 96,4% | 98,0% | 99,3% | 99,9% | 98,3% | 98,3% |
| **2014** | kWh | 291.095 | 365.191 | 165.995 | 115.279 | 133.630 | 49.367 | 58.521 | 150.269 | 48.236 | 159.850 | 109.945 | 391.168 | **2.038.546** |
| | Verf. | 100,0% | 98,6% | 97,7% | 97,6% | 98,3% | 99,7% | 99,2% | 97,5% | 97,9% | 98,0% | 98,4% | 98,7% | 98,5% |
| **2015** | kWh | 398.821 | 157.933 | 247.728 | 127.644 | 178.937 | 96.619 | 168.930 | 102.810 | 152.523 | 58.508 | 384.044 | 342.576 | **2.417.073** |
| | Verf. | 99,5% | 93,5% | 98,1% | 96,7% | 98,1% | 99,6% | 97,1% | 95,5% | 97,1% | 99,1% | 99,9% | 100,0% | 97,9% |
| **2016** | kWh | 280.701 | 304.916 | 183.480 | 165.934 | 104.526 | 65.573 | 112.969 | 97.367 | 74.041 | 83.273 | 176.723 | 185.974 | **1.835.477** |
| | Verf. | 95,1% | 97,7% | 98,0% | 97,3% | 96,3% | 99,2% | 98,9% | 97,4% | 93,1% | 99,1% | 99,8% | 99,9% | 97,7% |