

BürgerWIND Echtrop

KALENDERJAHR JAN FEB MRZ APR MAI JUN JUL AUG SEP OKT NOV DEZ SUMME

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|---|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Gesamtertrag seit Inbetriebnahme | kWh | 4.720.233 | 3.192.153 | 2.909.781 | 1.797.606 | 1.919.915 | 1.490.570 | 1.683.102 | 1.713.290 | 1.873.949 | 2.684.879 | 3.711.005 | 4.719.163 | 32.415.646 |
| Durchschnittsertrag* | kWh | 363.095 | 245.550 | 223.829 | 138.277 | 147.686 | 114.659 | 129.469 | 127.571 | 136.230 | 190.826 | 268.008 | 336.019 | 2.421.220 |
| Durchschnittliche Verfügbarkeit | % | 98,4% | 97,4% | 98,1% | 98,0% | 98,9% | 98,2% | 95,6% | 94,8% | 94,5% | 98,3% | 96,7% | 98,4% | 97,3% |

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

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|------------------------------------|-----------|--------------|--------------|----------|------------|---------|
| Angaben zur Windkraftanlage | WKA-Typ: | Enercon E-70 | Rotor-Ø: | 70,0 m | Nabenhöhe: | 63,0 m |
| | Leistung: | 1,8 MW | Rotorfläche: | 3.848 m² | Baujahr: | 08/2003 |

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|-------------|-------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|------------------|
| 2003 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.863 | 102.959 | 204.143 | 226.904 | 350.920 | 939.789 |
| | Verf. | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 98,4% | 97,6% | 97,4% | 96,0% | 98,3% | 97,6% |
| 2004 | kWh | 380.712 | 338.815 | 225.309 | 137.440 | 93.456 | 171.025 | 136.687 | 163.870 | 181.478 | 239.140 | 241.479 | 253.856 | 2.563.267 |
| | Verf. | 98,9% | 93,1% | 99,2% | 99,8% | 97,2% | 99,2% | 96,3% | 88,8% | 55,1% | 100,0% | 99,8% | 97,4% | 93,8% |

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|-------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|
| 2005 | kWh | 522.792 | 187.166 | 195.628 | 95.900 | 120.461 | 83.239 | 139.020 | 114.240 | 91.844 | 211.554 | 209.805 | 289.141 | 2.260.790 |
| | Verf. | 99,5% | 98,6% | 95,3% | 94,2% | 97,7% | 99,8% | 97,6% | 97,6% | 98,4% | 98,9% | 94,1% | 98,4% | 97,5% |
| 2006 | kWh | 141.797 | 208.215 | 225.765 | 163.429 | 281.279 | 77.252 | 75.476 | 145.863 | 120.199 | 300.424 | 379.776 | 449.002 | 2.568.477 |
| | Verf. | 94,2% | 94,8% | 95,4% | 98,9% | 99,1% | 99,8% | 97,5% | 94,4% | 99,6% | 99,2% | 100,0% | 99,2% | 97,6% |
| 2007 | kWh | 640.825 | 216.267 | 289.247 | 121.895 | 207.996 | 154.741 | 218.414 | 116.027 | 160.009 | 84.528 | 304.807 | 351.563 | 2.866.319 |
| | Verf. | 99,5% | 98,8% | 99,6% | 99,1% | 99,8% | 99,8% | 99,6% | 93,6% | 98,7% | 99,8% | 99,9% | 100,0% | 99,0% |
| 2008 | kWh | 579.576 | 281.662 | 413.257 | 123.219 | 102.706 | 101.655 | 149.367 | 176.897 | 143.214 | 235.907 | 298.862 | 166.747 | 2.773.069 |
| | Verf. | 99,8% | 96,6% | 99,9% | 98,8% | 99,7% | 98,4% | 94,2% | 96,3% | 98,7% | 99,1% | 99,9% | 100,0% | 98,5% |
| 2009 | kWh | 261.219 | 204.140 | 244.917 | 99.125 | 159.425 | 120.599 | 164.967 | 89.549 | 136.641 | 200.534 | 444.509 | 246.727 | 2.372.352 |
| | Verf. | 97,8% | 98,4% | 99,7% | 99,6% | 99,8% | 99,8% | 99,6% | 99,3% | 99,8% | 99,1% | 95,4% | 98,4% | 98,9% |

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|-------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|
| 2010 | kWh | 141.909 | 224.967 | 229.994 | 135.562 | 92.879 | 84.252 | 76.068 | 144.041 | 140.354 | 211.267 | 263.469 | 196.115 | 1.940.877 |
| | Verf. | 96,5% | 99,9% | 98,7% | 96,0% | 99,8% | 99,6% | 99,2% | 99,9% | 99,9% | 98,9% | 97,2% | 94,1% | 98,3% |
| 2011 | kWh | 249.845 | 262.642 | 135.688 | 151.838 | 155.288 | 146.648 | 174.213 | 149.683 | 186.366 | 239.036 | 143.975 | 550.951 | 2.546.173 |
| | Verf. | 99,0% | 97,6% | 98,2% | 98,7% | 97,4% | 98,3% | 90,6% | 89,3% | 94,9% | 99,0% | 99,9% | 98,1% | 96,7% |
| 2012 | kWh | 436.260 | 205.227 | 133.890 | 182.692 | 121.154 | 161.981 | 146.337 | 105.804 | 142.736 | 186.108 | 227.945 | 373.596 | 2.423.730 |
| | Verf. | 100,0% | 96,5% | 94,7% | 99,3% | 99,3% | 96,9% | 98,7% | 94,0% | 99,9% | 98,4% | 99,1% | 99,1% | 98,0% |
| 2013 | kWh | 264.935 | 150.455 | 160.754 | 156.433 | 120.910 | 143.476 | 52.626 | 81.398 | 140.790 | 247.163 | 213.539 | 424.758 | 2.157.237 |
| | Verf. | 98,8% | 97,3% | 96,3% | 95,9% | 99,9% | 97,1% | 85,9% | 99,4% | 99,8% | 95,8% | 97,2% | 98,8% | 96,8% |
| 2014 | kWh | 299.275 | 385.276 | 192.274 | 127.184 | 151.516 | 59.534 | 63.124 | 153.360 | 56.445 | 174.952 | 120.310 | 437.951 | 2.221.201 |
| | Verf. | 99,9% | 98,8% | 99,8% | 94,5% | 99,7% | 96,3% | 90,9% | 98,4% | 84,5% | 99,7% | 90,9% | 100,0% | 96,1% |

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|-------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|------------------|
| 2015 | kWh | 469.991 | 192.809 | 269.424 | 125.831 | 188.468 | 111.416 | 178.562 | 115.624 | 178.226 | 68.506 | 435.540 | 379.842 | 2.714.239 |
| | Verf. | 99,1% | 97,9% | 99,0% | 99,7% | 97,5% | 94,3% | 92,9% | 98,8% | 99,4% | 99,7% | 94,0% | 97,8% | 97,6% |
| 2016 | kWh | 331.097 | 334.512 | 193.634 | 177.058 | 124.377 | 74.752 | 108.241 | 102.071 | 92.688 | 81.617 | 200.085 | 247.994 | 2.068.126 |
| | Verf. | 96,2% | 98,5% | 100,0% | 99,3% | 98,8% | 97,6% | 99,5% | 82,5% | 99,4% | 90,4% | 90,4% | 97,9% | 95,9% |