

BürgerWIND Effeln

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

Gesamtertrag seit Inbetriebnahme	kWh	3.802.169	2.875.950	2.377.390	1.530.599	1.385.964	1.137.995	1.321.488	1.164.075	1.481.503	2.473.943	2.654.222	3.780.865	25.986.163
Durchschnittsertrag*	kWh	190.108	143.798	118.870	76.530	69.298	56.900	66.074	58.204	74.075	123.697	132.711	178.219	1.288.484
Durchschnittliche Verfügbarkeit	%	98,4%	98,5%	94,9%	94,0%	94,8%	97,6%	93,7%	93,4%	97,6%	96,4%	97,7%	99,1%	96,3%

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

Angaben zur Windkraftanlage	WKA-Typ:	Nordex N54	Rotor-Ø:	54,0 m	Nabenhöhe:	70,0 m
	Leistung:	1,0 MW	Rotorfläche:	2.290 m ²	Baujahr:	12/1997

1997	kWh	0	0	0	0	0	0	0	0	0	0	0	0	216.480	216.480
	Verf.	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	94,8%	94,8%
1998	kWh	265.410	187.140	197.250	125.670	74.310	88.500	122.130	88.800	123.660	278.580	127.350	263.370	1.942.170	
	Verf.	96,6%	97,7%	99,8%	98,7%	99,1%	94,9%	99,3%	96,6%	99,3%	100,0%	100,0%	99,9%	98,5%	
1999	kWh	252.240	199.650	133.380	98.580	74.760	79.440	68.940	83.190	93.510	172.140	157.290	312.120	1.725.240	
	Verf.	99,2%	98,5%	97,4%	99,9%	83,3%	99,9%	82,8%	84,1%	99,9%	98,8%	98,9%	98,8%	95,1%	

2000	kWh	204.570	226.980	117.090	85.140	91.680	66.120	77.130	39.180	86.580	180.990	240.750	220.770	1.636.980
	Verf.	98,0%	98,2%	64,2%	99,8%	99,7%	95,9%	100,0%	96,6%	99,9%	99,3%	100,0%	98,5%	95,8%
2001	kWh	179.610	132.750	132.420	114.540	75.330	61.020	86.220	83.250	136.132	168.621	106.866	168.983	1.445.742
	Verf.	99,9%	99,7%	98,5%	99,7%	91,1%	96,7%	99,7%	99,7%	98,5%	100,0%	97,1%	98,9%	98,3%
2002	kWh	243.932	297.547	139.641	97.823	75.997	64.217	83.660	31.151	47.054	177.701	116.585	129.134	1.504.442
	Verf.	98,9%	95,7%	98,9%	78,4%	99,7%	96,7%	98,5%	99,9%	100,0%	94,5%	97,9%	100,0%	96,6%
2003	kWh	201.667	89.033	94.880	115.433	96.425	58.585	61.983	37.565	65.503	127.315	160.947	191.445	1.300.781
	Verf.	99,9%	99,2%	99,9%	99,8%	99,8%	98,5%	97,7%	90,6%	99,0%	99,7%	99,4%	95,9%	98,3%
2004	kWh	223.234	191.864	115.823	75.959	53.817	84.474	83.066	98.871	115.616	131.674	106.301	139.717	1.420.416
	Verf.	99,7%	98,7%	96,0%	95,5%	99,9%	98,0%	99,9%	96,4%	93,0%	96,6%	93,0%	99,5%	97,2%

2005	kWh	254.030	100.164	122.274	58.480	63.582	49.782	77.562	53.919	53.235	142.525	136.106	155.478	1.267.137
	Verf.	97,8%	98,8%	95,9%	90,0%	94,4%	99,8%	95,6%	94,6%	97,7%	99,9%	96,1%	100,0%	96,7%
2006	kWh	104.843	114.409	142.384	92.436	141.972	40.015	29.355	74.755	67.701	137.675	209.294	225.819	1.380.658
	Verf.	99,4%	99,4%	96,9%	100,0%	96,8%	98,4%	57,3%	83,6%	95,8%	83,9%	98,3%	98,6%	92,3%
2007	kWh	319.876	124.957	157.783	62.862	97.436	78.801	116.648	62.999	89.161	47.279	135.444	159.014	1.452.260
	Verf.	94,1%	89,2%	94,0%	86,5%	90,8%	95,7%	99,7%	99,0%	99,3%	92,2%	99,2%	99,2%	94,4%
2008	kWh	267.132	138.854	191.289	59.816	46.074	27.435	59.850	77.550	64.550	102.679	132.991	95.417	1.263.637
	Verf.	98,2%	99,8%	100,0%	99,8%	99,9%	98,9%	96,2%	99,9%	95,8%	99,9%	100,0%	100,0%	99,0%
2009	kWh	128.135	105.880	107.448	44.045	67.280	58.683	60.351	33.837	60.801	97.151	176.894	112.511	1.053.016
	Verf.	95,7%	99,8%	99,6%	95,8%	91,0%	99,7%	87,6%	91,2%	93,9%	99,9%	99,4%	100,0%	96,1%

2010	kWh	74.598	97.646	99.837	59.916	38.097	35.492	27.119	56.466	63.301	86.933	111.416	82.777	833.598
	Verf.	99,4%	98,8%	97,4%	99,9%	99,3%	98,0%	82,6%	99,9%	99,2%	92,2%	98,7%	99,1%	97,0%
2011	kWh	109.751	132.565	56.688	73.160	67.549	54.712	73.653	62.056	79.394	117.598	75.652	246.589	1.149.367
	Verf.	99,2%	100,0%	97,3%	99,1%	98,9%	90,2%	99,8%	98,4%	99,9%	98,1%	91,9%	99,2%	97,7%
2012	kWh	202.984	99.393	62.490	62.578	52.068	66.443	63.722	51.335	54.832	85.086	103.511	171.491	1.075.933
	Verf.	99,7%	99,9%	95,6%	99,9%	95,7%	99,9%	99,7%	98,9%	99,9%	98,9%	99,7%	100,0%	94,0%
2013	kWh	138.460	78.311	105.707	65.199	37.367	55.381	24.562	37.520	60.835	120.954	99.073	195.628	1.018.997
	Verf.	100,0%	99,1%	93,1%	81,7%	70,0%	94,5%	96,6%	79,5%	92,3%	94,1%	99,7%	97,8%	91,5%
2014	kWh	143.374	165.136	97.642	59.731	69.017	30.162	31.193	70.099	33.109	78.697	73.113	211.303	1.062.576
	Verf.	94,7%	99,9%	100,0%	96,5%	98,7%	99,3%	99,0%	99,9%	99,8%	98,0%	94,8%	99,5%	98,3%

2015	kWh	214.056	89.357	108.460	58.332	71.311	48.381	76.598	26.598	78.025	36.510	186.779	168.250	1.162.657
	Verf.	98,7%	97,5%	84,5%	98,6%	98,3%	98,5%	87,2%	60,8%	99,9%	86,7%	97,3%	98,5%	92,1%
2016	kWh	168.624	171.407	85.297	73.760	56.262	30.072	46.966	47.561	40.630	41.263	88.714	123.955	974.511
	Verf.	99,5%	99,7%	95,3%	98,1%	90,2%	99,6%	95,0%	98,7%	97,0%	96,5%	99,5%	99,5%	97,4%
2017	kWh	105.643	132.907	109.607	47.139	35.630	60.280	50.780	47.373	67.874	142.572	109.146	190.614	1.099.565
	Verf.	99,4%	99,5%	89,1%	66,6%	98,9%	98,5%	99,5%	99,6%	97,6%	98,7%	99,3%	99,9%	95,6%