

BürgerWIND Benkamp

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

Gesamtertrag seit Inbetriebnahme	kWh	2.421.647	1.856.457	1.528.725	1.037.621	1.063.955	866.542	937.031	836.648	933.133	1.505.503	1.901.927	2.306.611	17.195.800
Durchschnittsertrag*	kWh	152.063	116.029	95.545	64.851	66.497	54.159	58.564	52.291	58.321	94.094	118.870	144.163	1.074.738
Durchschnittliche Verfügbarkeit	%	96,1%	96,6%	96,5%	99,1%	98,8%	99,4%	96,5%	98,0%	96,2%	98,4%	98,5%	92,9%	97,0%

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

Angaben zur Windkraftanlage	WKA-Typ:	Vestas V52					Rotor-Ø:	52,0 m					Nabenhöhe:	74,0 m		
	Leistung:	0,85 MW					Rotorfläche:	2.124 m²					Baujahr:	12/2001		

2002	kWh	140.699	214.783	91.949	72.160	63.231	47.839	71.289	17.689	30.753	117.571	61.704	18.135	947.802
	Verf.	42,1%	96,2%	93,1%	95,9%	100,0%	99,8%	100,0%	99,1%	99,8%	99,4%	91,9%	39,5%	88,1%
2003	kWh	135.674	51.647	64.717	84.930	80.519	33.037	47.543	20.835	17.575	37.874	116.018	155.000	845.369
	Verf.	78,7%	99,7%	100,0%	98,9%	98,0%	96,4%	99,8%	96,7%	43,3%	78,1%	99,3%	99,3%	90,7%
2004	kWh	161.793	138.112	95.213	58.044	40.320	71.051	53.662	78.633	100.209	117.670	76.566	101.462	1.092.735
	Verf.	98,0%	97,7%	99,1%	99,9%	99,8%	99,8%	98,5%	99,2%	100,0%	100,0%	100,0%	99,9%	99,3%

2005	kWh	200.059	86.577	74.277	44.562	54.428	36.755	58.246	39.659	34.860	97.886	111.084	102.041	940.434
	Verf.	98,8%	99,4%	97,9%	100,0%	100,0%	100,0%	99,9%	99,4%	99,8%	100,0%	96,9%	98,6%	99,2%
2006	kWh	64.635	82.635	99.048	67.515	125.024	38.900	22.277	54.321	47.943	140.459	170.446	204.906	1.118.109
	Verf.	97,7%	99,6%	99,9%	99,7%	99,7%	100,0%	84,1%	99,2%	99,8%	100,0%	100,0%	95,5%	97,9%
2007	kWh	254.610	118.340	133.964	36.505	99.286	70.634	104.523	53.985	76.089	36.232	138.753	159.644	1.282.565
	Verf.	96,3%	98,7%	100,0%	99,9%	100,0%	99,8%	96,5%	97,8%	100,0%	100,0%	99,9%	100,0%	99,1%
2008	kWh	240.194	134.655	195.561	55.413	29.201	48.283	66.959	92.577	72.113	107.298	100.153	62.895	1.205.302
	Verf.	95,7%	99,0%	99,0%	99,4%	99,6%	100,0%	99,9%	99,3%	100,0%	99,3%	91,8%	90,9%	97,8%
2009	kWh	111.871	81.494	121.356	43.165	71.668	57.482	73.465	36.587	61.029	95.500	231.971	120.607	1.106.195
	Verf.	99,3%	98,0%	100,0%	100,0%	99,8%	99,0%	92,8%	100,0%	100,0%	100,0%	100,0%	96,9%	98,8%

2010	kWh	58.709	111.942	112.748	73.531	48.995	41.220	36.926	67.184	59.676	96.124	118.991	75.739	901.785
	Verf.	98,0%	90,3%	100,0%	100,0%	100,0%	100,0%	99,5%	98,1%	100,0%	99,7%	100,0%	77,4%	96,9%
2011	kWh	107.634	111.026	67.930	65.381	66.826	73.771	84.397	72.678	86.325	110.521	72.952	273.528	1.192.969
	Verf.	97,0%	98,9%	100,0%	100,0%	100,0%	100,0%	100,0%	98,3%	99,5%	100,0%	99,7%	100,0%	99,5%
2012	kWh	203.964	76.387	59.640	94.899	56.759	84.427	63.655	51.349	58.498	107.511	124.290	182.949	1.164.328
	Verf.	100,0%	79,6%	100,0%	94,7%	84,5%	95,7%	100,0%	100,0%	98,1%	100,0%	100,0%	99,0%	94,3%
2013	kWh	113.657	72.731	73.282	84.788	61.097	71.129	36.725	37.523	57.510	135.432	116.715	198.057	1.058.646
	Verf.	100,0%	95,9%	99,2%	99,1%	99,9%	100,0%	100,0%	100,0%	100,0%	98,4%	100,0%	96,9%	99,1%
2014	kWh	167.317	205.555	82.304	56.987	76.962	26.266	31.806	76.470	24.319	92.055	75.739	189.800	1.105.580
	Verf.	84,2%	98,9%	100,0%	100,0%	100,0%	100,0%	100,0%	100,0%	100,0%	100,0%	100,0%	98,3%	98,4%

2015	kWh	197.091	93.899	75.096	61.467	90.015	54.957	80.188	54.295	86.446	23.987	194.663	183.862	1.195.966
	Verf.	99,1%	99,2%	89,4%	98,4%	99,9%	100,0%	99,9%	100,0%	100,0%	100,0%	97,4%	97,4%	98,4%
2016	kWh	164.204	165.811	64.497	83.599	65.954	39.178	52.300	52.635	38.799	42.054	94.217	88.925	952.173
	Verf.	98,1%	95,8%	66,1%	99,4%	100,0%	99,9%	99,9%	99,6%	99,1%	99,9%	99,1%	98,6%	96,3%
2017	kWh	99.536	110.863	117.143	54.675	33.670	71.613	53.070	30.228	80.989	147.329	97.665	189.061	1.085.842
	Verf.	99,9%	98,5%	99,5%	99,9%	99,9%	99,9%	93,7%	81,7%	99,7%	100,0%	100,0%	98,1%	97,5%