

HeVoRa I Arnsberg-Müschede

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

Gesamtertrag seit Inbetriebnahme	kWh	1.852.471	1.489.053	1.214.411	805.659	759.681	689.913	743.838	652.359	763.243	1.340.270	1.547.412	1.934.949	13.793.369
Durchschnittsertrag*	kWh	88.213	70.907	57.829	38.365	36.175	32.853	35.421	31.065	36.345	61.665	69.282	90.363	648.488
Durchschnittliche Verfügbarkeit	%	96,9%	98,0%	97,7%	98,9%	98,8%	99,0%	98,3%	98,6%	98,6%	98,0%	99,1%	97,8%	98,3%

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

Angaben zur Windkraftanlage	WKA-Typ:	Enercon E-40						Rotor-Ø:	40,3 m				Nabenhöhe:	65,0 m	
	Leistung:	0,5 MW						Rotorfläche:	1.275 m ²				Baujahr:	10/1996	

1996	kWh	0	0	0	0	0	0	0	0	0	45.305	92.493	37.330	175.128
	Verf.	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	85,4%	99,8%	99,7%	95,0%
1997	kWh	20.793	126.273	54.576	46.971	36.731	40.719	20.389	18.436	26.628	49.564	55.187	92.661	588.928
	Verf.	97,7%	97,8%	99,9%	99,9%	99,9%	99,9%	99,8%	95,2%	99,4%	88,2%	100,0%	100,0%	98,3%
1998	kWh	117.693	66.497	77.718	59.483	22.717	38.533	53.011	36.190	50.567	115.851	47.815	98.256	784.331
	Verf.	99,4%	99,9%	98,7%	98,7%	99,6%	99,2%	99,6%	98,8%	99,0%	98,5%	99,8%	99,2%	99,2%
1999	kWh	113.648	84.720	54.346	36.938	29.605	37.561	28.646	37.054	38.686	64.691	72.752	132.631	731.278
	Verf.	97,6%	99,7%	96,0%	98,8%	93,7%	98,6%	98,8%	98,9%	99,9%	99,9%	99,6%	99,6%	98,4%

2000	kWh	84.398	106.859	83.988	39.142	39.126	30.312	32.598	17.159	30.127	87.480	109.037	99.950	760.176
	Verf.	94,3%	100,0%	97,6%	99,8%	99,9%	96,8%	99,3%	99,1%	99,9%	100,0%	98,8%	100,0%	98,8%
2001	kWh	71.518	61.152	52.026	56.856	36.836	29.706	39.483	34.322	60.416	72.655	49.350	73.567	637.887
	Verf.	99,9%	99,9%	100,0%	99,5%	99,9%	99,9%	99,9%	99,2%	99,9%	99,2%	99,6%	99,9%	99,5%
2002	kWh	105.101	117.608	59.140	40.545	33.082	30.593	36.053	11.002	16.544	82.282	52.149	38.042	622.141
	Verf.	100,0%	86,0%	99,2%	99,9%	99,9%	99,7%	84,1%	99,9%	99,2%	98,4%	98,5%	99,3%	97,0%
2003	kWh	82.206	29.231	33.364	44.591	43.089	25.165	27.034	14.119	22.732	47.479	64.965	94.106	528.081
	Verf.	98,8%	98,9%	99,7%	99,7%	99,3%	99,3%	98,3%	99,6%	97,3%	99,1%	99,9%	99,7%	99,1%
2004	kWh	98.448	80.712	51.856	32.971	22.961	42.303	36.887	44.676	62.127	60.671	54.942	65.902	654.456
	Verf.	98,9%	99,7%	99,8%	98,2%	98,5%	99,4%	99,7%	99,7%	99,8%	99,9%	99,9%	99,2%	99,4%

2005	kWh	119.880	43.756	51.704	24.468	32.305	21.414	36.459	25.850	20.846	51.475	70.774	64.640	563.571
	Verf.	98,2%	99,9%	99,8%	99,8%	99,8%	98,4%	99,2%	98,5%	97,2%	99,9%	99,1%	99,1%	99,1%
2006	kWh	39.644	50.184	55.940	41.978	66.838	20.843	15.569	37.148	27.926	81.514	102.556	114.778	654.918
	Verf.	99,9%	98,9%	99,7%	99,8%	96,6%	99,6%	98,8%	99,1%	99,3%	98,8%	99,4%	98,8%	99,9%
2007	kWh	152.380	61.038	66.720	22.880	53.304	41.316	57.988	28.901	42.592	22.347	78.797	95.202	723.465
	Verf.	99,4%	99,8%	98,4%	99,6%	98,5%	98,8%	97,9%	99,7%	98,8%	98,5%	99,6%	99,8%	99,1%
2008	kWh	144.587	74.995	111.171	27.740	22.305	28.188	40.807	54.347	41.909	67.655	70.480	39.058	723.242
	Verf.	99,8%	99,3%	99,8%	99,3%	99,7%	98,6%	99,7%	99,7%	98,8%	99,3%	99,0%	99,7%	99,4%
2009	kWh	63.248	46.799	63.715	22.376	40.413	32.292	49.670	23.267	26.644	52.323	125.668	76.463	622.878
	Verf.	99,7%	99,8%	91,6%	99,7%	99,7%	98,8%	98,9%	99,6%	97,3%	94,3%	98,5%	99,9%	98,1%

2010	kWh	31.416	65.250	59.961	35.876	23.114	23.359	20.365	39.506	34.339	60.519	62.500	41.991	498.196
	Verf.	76,7%	99,3%	99,9%	98,9%	98,9%	99,6%	99,7%	95,6%	93,9%	98,3%	96,4%	73,5%	94,2%
2011	kWh	66.974	65.345	34.201	35.936	40.293	42.762	48.173	43.310	51.423	62.043	42.283	146.926	679.669
	Verf.	99,8%	99,8%	99,3%	99,6%	99,7%	97,9%	98,8%	99,7%	99,7%	99,2%	99,8%	99,2%	99,3%
2012	kWh	107.128	45.128	39.099	50.869	34.355	48.698	42.136	28.774	40.618	68.669	63.045	100.240	668.759
	Verf.	98,3%	99,3%	97,2%	99,0%	98,3%	99,8%	98,5%	99,0%	99,9%	99,4%	99,8%	98,0%	98,9%
2013	kWh	64.977	35.207	34.080	40.690	36.087	42.712	27.853	23.504	35.047	79.570	58.306	120.712	598.745
	Verf.	90,7%	94,0%	85,3%	90,8%	99,1%	99,7%	98,8%	99,8%	99,7%	95,7%	99,8%	94,7%	95,7%
2014	kWh	95.438	120.117	43.771	31.305	41.831	16.554	17.901	43.027	14.507	47.295	40.582	109.463	621.791
	Verf.	99,1%	99,8%	97,1%	99,1%	99,7%	98,8%	99,7%	93,5%	94,4%	92,9%	98,9%	99,6%	97,6%

2015	kWh	122.713	54.559	71.865	35.909	53.338	31.814	48.011	29.947	48.681	15.601	115.796	132.285	760.519
	Verf.	98,4%	99,7%	99,7%	98,7%	99,7%	99,4%	98,0%	97,9%	99,8%	97,7%	98,0%	99,7%	98,9%
2016	kWh	93.311	91.938	50.998	47.771	32.684	24.505	32.320	33.798	24.320	22.643	51.015	59.395	564.698
	Verf.	94,1%	88,7%	96,1%	99,9%	99,2%	99,5%	99,6%	99,7%	99,2%	99,2%	99,8%	99,8%	97,6%
2017	kWh	56.970	61.685	64.172	30.364	18.667	40.564	32.485	28.022	46.564	82.638	66.920	101.351	630.402
	Verf.	92,3%	98,6%	96,8%	98,3%	98,4%	98,9%	98,6%	99,6%	99,8%	99,8%	99,8%	99,5%	98,4%