HeVoRa II Welver-Flerke

KALENDERJAHR		JAN	FEB	MRZ	APR	MAI	JUN	JUL	AUG	SEP	OKT	NOV	DEZ	SUMME
Gesamtertrag seit Inbetriebnahme	kWh	1.836.944	1.511.207	1.257.602	894.132	833.854	651.895	762.246	665.830	760.650	1.184.295	1.379.090	1.930.562	13.668.307
Durchschnittsertrag*	kWh	**96.681**	**79.537**	**66.190**	**47.060**	**43.887**	**34.310**	**40.118**	**35.044**	**40.034**	**59.394**	**69.817**	**96.053**	**708.125**
Durchschnittliche Verfügbarkeit	%	94,9%	98,4%	98,4%	99,3%	98,8%	98,9%	99,1%	98,9%	99,3%	98,9%	99,3%	99,3%	98,6%

* Für den Durchschnittsertrag werden nur volle Betriebsjahre berücksichtigt.

Angaben zur Windkraftanlage

WKA-Typ: Enercon E-40 | Leistung: 0,5 MW | Rotor-Ø: 40,3 m | Rotorfläche: 1.275 m² | Nabenhöhe: 65,0 m | Baujahr: 10/1998

		JAN	FEB	MRZ	APR	MAI	JUN	JUL	AUG	SEP	OKT	NOV	DEZ	SUMME
1998	kWh	0	0	0	0	0	0	0	0	0	55.807	52.573	105.557	**213.937**
	Verf.	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	84,8%	97,6%	98,9%	96,6%
1999	kWh	112.337	103.363	49.656	45.596	53.913	36.317	36.173	40.336	37.183	91.218	63.293	166.244	**835.629**
	Verf.	99,9%	99,9%	86,7%	98,8%	99,8%	99,9%	97,9%	99,6%	99,1%	99,9%	99,9%	99,9%	98,4%
2000	kWh	107.027	119.733	90.935	42.561	48.563	37.422	39.815	18.223	32.392	77.293	97.187	112.803	**823.954**
	Verf.	99,4%	100,0%	100,0%	99,8%	98,7%	99,4%	99,4%	99,3%	99,9%	99,3%	99,4%	98,7%	99,4%
2001	kWh	79.317	66.163	69.419	62.329	46.224	34.297	45.353	42.183	69.950	68.365	51.836	91.086	**726.522**
	Verf.	99,9%	100,0%	99,7%	99,9%	93,8%	99,9%	99,9%	99,9%	100,0%	99,7%	99,4%	99,7%	99,3%
2002	kWh	119.875	169.953	7.318	63.279	36.390	37.052	43.483	13.234	20.895	97.411	44.047	75.142	**728.079**
	Verf.	100,0%	99,9%	99,9%	99,5%	98,3%	96,5%	99,9%	99,9%	100,0%	99,2%	99,2%	99,9%	99,4%
2003	kWh	99.869	41.220	46.868	64.607	50.179	30.137	35.073	19.311	22.631	63.842	67.746	87.667	**629.150**
	Verf.	99,9%	98,2%	99,7%	99,4%	98,6%	99,3%	99,6%	95,3%	99,6%	99,9%	99,9%	98,9%	99,0%
2004	kWh	106.185	109.477	67.994	42.534	24.790	47.827	40.740	52.620	68.248	63.274	64.465	62.941	**751.095**
	Verf.	100,0%	99,9%	91,1%	98,6%	99,6%	98,9%	99,0%	99,6%	97,2%	99,4%	98,8%	99,1%	98,4%
2005	kWh	141.693	50.533	69.502	35.424	33.613	25.968	40.281	30.723	24.856	53.961	64.627	74.928	**646.109**
	Verf.	98,9%	99,8%	99,8%	97,3%	98,6%	99,1%	97,3%	98,9%	98,8%	99,6%	98,8%	98,6%	98,8%
2006	kWh	45.558	65.461	74.796	53.508	85.530	21.095	22.959	42.897	35.687	77.677	101.211	116.161	**742.540**
	Verf.	99,8%	99,5%	100,0%	99,8%	98,8%	99,4%	99,0%	96,4%	99,8%	99,8%	99,3%	99,7%	99,3%
2007	kWh	180.049	66.322	94.184	40.206	60.011	43.587	68.830	32.162	45.363	23.081	80.072	102.650	**836.517**
	Verf.	98,1%	99,7%	99,2%	99,6%	99,6%	99,6%	99,0%	99,8%	99,8%	99,8%	99,2%	99,8%	99,4%
2008	kWh	156.530	79.070	121.033	43.000	32.361	34.592	44.222	55.218	43.931	54.729	78.833	54.608	**798.127**
	Verf.	99,4%	95,9%	99,7%	99,6%	99,2%	99,5%	98,4%	99,6%	98,8%	97,2%	99,3%	99,8%	98,9%
2009	kWh	65.231	60.812	69.097	29.863	51.904	36.200	50.553	27.648	39.920	55.691	116.788	66.023	**669.730**
	Verf.	99,8%	99,6%	99,8%	99,6%	99,5%	98,9%	99,7%	99,6%	99,8%	98,6%	99,8%	99,4%	99,5%
2010	kWh	44.894	63.736	65.274	41.653	28.336	21.204	23.812	43.605	43.012	50.906	75.545	53.434	**555.411**
	Verf.	99,8%	99,6%	98,8%	99,6%	98,8%	97,4%	99,5%	99,8%	98,6%	99,7%	99,9%	99,2%	99,2%
2011	kWh	16.043	58.946	45.239	47.445	46.205	43.772	56.602	46.960	55.531	62.787	37.486	157.135	**674.151**
	Verf.	19,3%	81,9%	98,4%	99,9%	99,8%	99,7%	97,9%	99,5%	98,6%	99,8%	99,2%	99,8%	91,1%
2012	kWh	121.511	67.481	36.005	49.027	32.701	44.859	45.941	33.662	38.448	46.520	57.412	102.532	**676.099**
	Verf.	98,8%	99,6%	99,8%	99,6%	98,9%	99,8%	99,9%	97,4%	99,9%	99,5%	99,4%	99,8%	99,4%
2013	kWh	88.572	50.497	76.317	55.602	38.387	43.124	16.851	25.002	46.409	62.894	56.038	106.938	**666.631**
	Verf.	99,1%	99,5%	99,1%	99,7%	98,9%	99,6%	99,8%	98,8%	99,5%	98,6%	99,5%	99,1%	99,3%
2014	kWh	85.715	100.275	58.997	37.119	42.621	16.943	20.508	47.491	17.785	44.654	35.623	126.366	**634.097**
	Verf.	98,8%	99,8%	99,7%	98,3%	98,1%	95,7%	97,8%	99,8%	99,9%	99,8%	99,9%	98,9%	98,9%
2015	kWh	122.879	49.000	82.522	43.454	56.079	33.197	58.412	33.094	47.716	21.583	119.700	94.604	**762.240**
	Verf.	99,9%	98,9%	98,8%	99,4%	99,9%	98,8%	99,6%	99,8%	98,3%	97,9%	99,2%	99,8%	99,2%
2016	kWh	87.217	102.364	59.519	56.133	43.305	20.313	36.822	32.405	26.426	26.831	49.325	58.996	**599.656**
	Verf.	99,8%	98,9%	99,4%	99,0%	99,2%	99,7%	99,9%	99,7%	99,9%	92,4%	97,2%	99,8%	98,7%
2017	kWh	56.442	86.801	72.927	40.792	22.742	43.989	35.816	29.056	44.267	85.771	65.283	114.747	**698.633**
	Verf.	92,7%	99,7%	99,2%	99,7%	99,8%	98,3%	99,6%	97,2%	99,7%	99,1%	98,7%	96,9%	98,4%