

**References Wind Energy**

<b>Project</b>	<b>Location</b>	<b>Number</b>	<b>Capacity</b>	<b>Engine</b>	<b>Technical Data</b>	<b>Service UTEC</b>	<b>Customer</b>	<b>Year</b>
<b>Wind Farm Sachsendingen II</b>	Niedersachsen	5x	2,3 MW	Enercon	Wind farm enhancement	Permission planning, power feed to the grid, supervision	Tandem GmbH	2012 -2014
<b>Wind turbine Emmerich</b>	Niedersachsen	1x	2,3 MW	REpower	Realisation of a single wind turbine	planning	Stadtwerke Emmerich	2011 -2014
<b>Test field shift and enhancement</b>	Niedersachsen	4x	5 MW	Enercon Repower	Shift of the existing offshore wind energy test field from Cuxhaven to Neuenwalde	planning, bids for tender, supervision, negotiations for power feed to the grid, SDL planning Planning	EWE Erneuerbare Energien GmbH	2011 -2013
		1x 2x	6,15 MW 3 MW	Repower Enercon				2013/ 2014
<b>Wind Farm Roydorf</b>	Niedersachsen	3x	0,9 MW	Enercon	Realization of a wind farm	planning, bids for tender, supervision, negotiations for power feed to the grid, SDL planning	WIN Energie & Orbis GbR	2009 -2011
<b>Wind Farm Pattensen</b>	Niedersachsen	1x	2,05 MW	REpower	repowering of a wind turbine 600 kW	planning, bids for tender, supervision, negotiations for power feed to the grid, SDL planning	WIN Energie & Orbis GbR	2009 -2011
<b>Wind Farm Bulgaria</b>	Rheinland Pfalz		100 MW	N.N.	Realisation of 55 wind turbines, 2 neighbouring locations	planning of power feed to the grid incl. substation; negotiation with the utility	Rübsam Windenergie	2009 -2010
<b>Wind Farm Meckel/Gilzem</b>	Rheinland Pfalz	2x 2x	2,00 MW 1,5 MW	REpower	redevelopment, enlargement of a wind farm	planning, bids for tender, supervision of grid connection, foundations, roads, SDL planning	REpower	2009 -2010
<b>Wind Farm Chile</b>	Region Bio Bio Chile		11,5 MW	N.N.	Wind Farm, capacity not fix yet	draft planning, wind measurement, planning of power feed to the grid, permission planning	IWC, Husum	2009 -2010

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<b>Wind Farm Pattensen</b>	Niedersachsen	3 x	2,00 MW	REpower	repowering of 3 wind turbines 600 kW	planning, bids for tender, supervision, negotiations for power feed to the grid, SDL planning	WIN Energie & Orbis GbR	2008-2010
<b>Wind Farm on landfill</b>	Bremen	4 x	2,00 MW	REpower	wind farm on and aside the Bremen landfill Blockland	feasibility study, negotiations for power feed to the grid; technical and economical feasibility, european bid for tender	BEB Bremen	2007-2010
<b>Wind Farm Soltau</b>	Niedersachsen	3 x	1,30 MW	AN Bonus	realization of 2 turbines	developement of wind farm site, permission planning, detail planning, bids for tender, supervision of grid connection, foundations, roads	Planet Energy	2006
<b>Wind Farm Wulfen</b>	Niedersachsen	3 x	2,30 MW	Siemens	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	WIN Energie & Orbis GbR	2006
<b>Wind Farm Wilsickow II</b>	Brandenburg Mecklenbg.-Vorp.	6 x	2,00 MW	REpower	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	Tandem GmbH	2006
<b>Wind Turbine</b>	Niedersachsen	1 x	1,50 MW	REpower	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	WIN Energie & Orbis GbR	2004
<b>Wind Farms EdF, ENEL</b>	Italy, France	98 x	0,85 MW	Diverse	system planning the connection to the public 150 kV-grid for EdF and ENEL	concept, consultations	P&T Technology AG	2004
<b>Wind Farm Mettlach</b>	Saarland	5 x	1,80 MW		realization of the wind farm; 5 km power line to the public grid	detail planning, bids for tender, supervision of grid connection and electrical power installations	Energiequelle GmbH	2003

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<b>Wind Farm Greven</b>	Nordrhein-Westf.	13 x	1,00 MW	Micon	realization of the wind farm; 13 km power line to the public grid	detail planning, bids for tender, supervision of grid connection and electrical power installations	P&T Technology AG	2003
<b>Wind Farm Groß-Luckow</b>	Mecklenbg.-Vorp.	7 x	1,30 MW	AN Bonus	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	Tandem GmbH	2001
<b>Wind Farm Tangendorf</b>	Niedersachsen	2 x	1,00 MW	AN Bonus	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	WIN Energie & Orbis GbR	2000
<b>Wind Farm Sachsendingen</b>	Niedersachsen	7 x	1,50 MW	Enercon	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	Tandem GmbH	2001
<b>Wind Farm Pattensen</b>	Niedersachsen	3 x	0,60 MW	AN Bonus	realization of the wind farm	detail planning, bids for tender, supervision of grid connection, foundations, roads	WIN Energie & Orbis GbR	1999
<b>Wind Farm Wismar</b>	Brandenburg	3 x	1,30 MW	AN Bonus	realization of the wind farm; 6 km power line to the public grid	detail planning, bids for tender, supervision of grid connection, foundations, roads	Tandem GmbH	2000
<b>Wind Farm draft planning</b>	Diverse		N.N.	Diverse	draft planning for 6 wind park projects with 13 wind turbines, 1–2 MW each	concept, economical evaluation	Tandem GmbH	2000
<b>study reactive power</b>	Brandenburg	--	--	--	reactive power problems with 690V / 20 KV for 2 wind farms	consultations and advice, redevelopment proposals	Tandem GmbH	2000
<b>Umspannwerk</b>	Brandenburg	--	--	--	realization of a transformation station (40 MVA, 20/110 kV) to feed wind power into the grid	detail planning, bids for tender, supervision of the buildings	EMO AG	1999

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<b>Umspannwerk</b>	Brandenburg	--	--	--	realization of a transformation station (31,5 MVA, 20/110 kV) to feed wnd power into the grid	detail planning, bids for tender, supervision of the buildings	Tandem GmbH	1998
<b>Wind Farm landfill</b>	Bremen	4 x 0,50 MW		AN Bonus	feasibility, draft planning	site developement, draft planning, economical evaluation	Tandem GmbH	1994
<b>Wind Farm Wilsickow I</b>	Brandenburg	17 x 1,00 MW		AN Bonus	realization of the wind farm	site developement, detail planning, bids for tender, supervision of grid connection, foundations, roads	Tandem GmbH	1998
<b>wind energy potentials in Bremen</b>	Bremen		N.N.	Diverse	study about the wind energy potentials in Bremen	assessment of the technical conditions (grid, access roads, urban planning), rough dimensioning of wind farms	Umweltsenat Bremen	1993
<b>Wind Farm LK Rotenburg</b>	Niedersachsen	4 x 0,50 MW		Diverse	site developement	concept, dimensioning, economical evaluation	Stadtwerke Rotenburg	1993
<b>Wind Farm Wremen</b>	Niedersachsen	10 x 0,50 MW		AN Bonus Enercon	realization of the wind farm with each 5 turbines of 2 suppliers	detail planning, bids for tender, supervision of the buildings	Windpark Wremen GmbH & Co KG	1990
<b>Wind Potentials Scheeßel</b>	Niedersachsen		N.N.	diverse	assessment of wind energy potentials in Scheeßel	data research, site developement, assessment of permission framework	Stadtwerke Scheeßel	1991