



References

References wind energy projects

Year	Project	Federal state/Provinces	System type	Output
2011	Hustedt	Lower Saxony	4 x Enercon E-82 E2	9.2 MW
2011	Großenwede	Lower Saxony	8 x Enercon E-82 E2	18.4 MW
2011	Springe/Bennigsen II	Lower Saxony	3 x Repower MM 92	6.2 MW
2009	Büren	North-Rhine Westphalia	10 x Enercon E-82	20.0 MW
2009	Gehrden II	Lower Saxony	3 x Enercon E-70 E4	6.9 MW
2009	Springe/Bennigsen	Lower Saxony	5 x Enercon E-82	10.0 MW
2009	Sehnde/Klein-Lobke	Lower Saxony	4 x Enercon E-70 E4	9.2 MW
2008	Sebenoba (Turkey)	Hatay	15 x Vestas V80	30.0 MW
2007	Karakurt (Turkey)	Manisa	6 x Vestas V90	10.8 MW
2006	Wüllersleben	Thuringia	7 x Enercon E-48	5.6 MW
2006	Extertal	North-Rhine Westphalia	1 x Enercon E-70 E4	2.0 MW
2005	Sudwalde	Lower Saxony	3 x Enercon E-70 E4	6.0 MW
2005	Gehrden	Lower Saxony	5 x Enercon E-70 E4	10.0 MW
2004	Scholen	Lower Saxony	7 x Enercon E-66/18.70	12.6 MW
2004	Schliekum II	Lower Saxony	3 x Nordex N90, 2 x Nordex S77	9.9 MW
2004	Deisterwind	Lower Saxony	3 x GE Wind Energy 1.5sL	4.5 MW
2003	Altbokhorst	Schleswig-Holstein	3 x Enercon E-66/18.70	5.4 MW
2002	Windenergy in Otterndorf Summer Camp	Lower Saxony	1 x Enercon E-40/6.44	0.6 MW
2002	Wind and solar energy in the Hanover region	Lower Saxony	1 x Enercon E-66/18.70, 1 x Südwind S77	3.3 MW
2002	Hasede	Lower Saxony	4 x Südwind S77	6.0 MW
2002	Sylda	Saxony-Anhalt	3 x Enercon E-66/18.70	5.4 MW
2001	Bassum Windwärts	Lower Saxony	2 x Enron Wind 1.5s	3.0 MW
2001	Bassum Bruchweg	Lower Saxony	2 x Enron Wind 1.5s	3.0 MW
2001	Bassum Wind-Solar	Lower Saxony	2 x Enron Wind 1.5s	3.0 MW
2001	Bassum Albringhausen	Lower Saxony	7 x Enron Wind 1.5s	10.5 MW
2001	Rebenstein	Lower Saxony	3 x Enron Wind 1.5sL	4.5 MW
2000	Art and wind energy for the world exhibition	Lower Saxony	4 x Enron Wind 1.5s, 1 x DeWind D6	7.0 MW
2000	Meerberg	Lower Saxony	6 x Enercon E-66	9.0 MW
1999	Schliekum	Lower Saxony	1 x Tacke TW 1.5, 2 x Tacke TW 1.5s	4.5 MW
1998/99	Goldbeck	North-Rhine Westphalia	2 x Enercon E-66	3.0 MW
1995/97	Laatzen	Lower Saxony	5 x Enercon E-40	2.5 MW

References photovoltaic projects

Year	Project	Federal state/Provinces	System type	Output
2011	Appenweier	Baden-Württemberg	Hanwha SolarOne SF 220-245	1.1 MWp
2011	Freden	Lower Saxony	Canadian Solar CS6P 240M	1.2 MWp
2011	Mallersdorf	Bavaria	Canadian Solar CS6P-240M/245M	3.5 MWp
2010	Burgweisach	Bavaria	Suntech Power STP185S-24/Ad, Suntech Power STP195S-24/Ad	4.8 MWp
2010	Weisachgrund	Bavaria	Suntech Power STP185S-24/Ad	2.6 MWp
2010	Flachslanden-Neustetten	Bavaria	SunTech Power STP180S-24/Ad	2.1 MWp
2010	Garbsen	Lower Saxony	SunTech Power STP200-18/UB	83.4 kWp
2009	Neukirchen II	Bavaria	SunTech Power STP180S-24/Ad	1.0 MWp
2009	Neukirchen I	Bavaria	SunTech Power STP180S-24/Ad	1.8 MWp
2009	Aldersbach	Bavaria	SunTech Power STP180S-24/Ad	1.0 MWp
2009	Ernst-August-Galerie Hannover	Lower Saxony	SunTech Power STP180S-24/Ad	265.1 kWp
2009	Altötting/Oberkastl	Bavaria	SunTech Power STP180S-24/Ad	2.1 MWp
2009	Barsinghausen	Lower Saxony	SunTech Power STP200-18/UB	107.4 kWp
2009	Isernhagen	Lower Saxony	SunTech Power STP200-18/UB	99.8 kWp
2008	Pattensen	Lower Saxony	Trina TSM-170 D01 mono	39.8 kWp
2007	Lower Saxony Solar Fund	Lower Saxony	5 x First Solar/FS-267, 3 x Suntech Power/STM 175S-24 Ab-1	672.2 kWp
2006	Otterndorf Summer Camp	Lower Saxony	Solarworld polykristallin SW 219 poly	21.0 kWp
2003	Salzbergen	Lower Saxony	BP Solar	115.0 kWp
2002	Wind and solar energy in the Hanover region	Lower Saxony	1 x Isofoton I-159, 1 x Solarnova SOL 190 K	125.0 kWp
2001	Bassum Wind-Solar	Lower Saxony	3 x Isofoton I-159	150.0 kWp
1998/99	Goldbeck	North-Rhine Westphalia	Kyocera KC120-1	5.8 kWp

References biogas projects

Year	Project	Federal state/Provinces	System type	Output
2011	Bergheim	North-Rhine Westphalia	Schmack-Biogas EUCO Titan	800.0 kW

Windwärts Energie GmbH

Since its foundation in 1994, Windwärts Energie GmbH has developed projects and commissioned a total of 139 wind turbines and 31 photovoltaic systems and one biogas plant with a combined output of 266 megawatts (MW). The annual electricity generation of these plants amounts to around 534 million kilowatt hours. This is equivalent to the electricity needs of approximately 155,000 two-person households. Each year, these projects prevent the emission of half a million tonnes of carbon dioxide and other pollutants that would otherwise be produced by conventional power plants.

Installations with a total output of 126 MW have been sold to institutional investors and projects with a further 26 MW are owner-operated. 20 closed-end funds initiated by Windwärts



Energie GmbH operate plants with a total output of 114 MW. With an investment volume totalling 164 million euro, roughly 2,500 investors with limited partners' capital contributions provided equity capital for these closed-end funds in the amount of 46 million euro. In addition, more than 1,300 investors hold company profit participation rights worth around 14 million euro.

Windwärts Energie GmbH is an internationally active company in the renewable energy sector, with subsidiaries in France, Italy and Greece. The company's core business is the development, financing and operation of wind energy and photovoltaic projects. In addition, Windwärts Energie GmbH acquires projects in various planning stages and sees them through to implementation. A further field of activity is the planning and construction of turnkey photovoltaic systems as a general contractor.

Windwärts Energie GmbH

Hanomaghof 1, 30449 Hannover, Germany
Tel. +49 511 123 573-0, Fax +49 511 123 573-190
info@windwaerts.de, www.windwaerts.de