

Pennsylvania Wind Farms

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Farm Name	Owner ¹	Municipalities ²	County ²	Turbine Count ³	Turbine Manufacturer	Turbine Capacity (in Megawatts)	Farm Capacity	Month/Year Operational ⁴	Design Wind Speed (mph) ⁴	Turbine Hub Height (Feet) ⁴
Somerset	Sequitur Renewables, LLC	Somerset Township	Somerset	6	GE ⁵	1.5 MW ⁵	9.0 MW ⁵	Dec 2001	14.0	213.3
Mill Run	Sequitur Renewables, LLC	Springfield Township, Stewart Township	Fayette	10	GE ⁶	1.5 MW ⁶	15.0 MW ⁶	Dec 2001	16.0	213.3
Waymart	Sequitur Renewables, LLC	Canaan Township, Clinton Township	Wayne	43	GE ⁷	1.5 MW ⁷	64.5 MW ⁷	Oct 2003	15.0	213.3
Meyersdale	Sequitur Renewables, LLC	Summit Township	Somerset	20	NEG Micon ⁸	1.5 MW ⁸	30.0 MW ⁸	Dec 2003	16.0	262.0
Bear Creek	Leeward Renewable Energy, LLC ⁹	Bear Creek Township	Luzerne	12	Gamesa ¹⁰	2.0 MW ¹⁰	24.0 MW ¹⁰	March 2006	19.0	256.0
Locust Ridge I	Avangrid Renewables, LLC ¹¹	Mahanoy Township, East Union Township	Schuylkill	13	Gamesa ¹²	2.0 MW ¹²	26.0 MW ¹²	March 2007	16.0	256.0
Allegheny Ridge	Leeward Renewable Energy, LLC ⁹	Portage Township, Washington Township, Juniata Township, Greenfield Township	Cambria, Blair	40	Gamesa ¹³	2.0 MW ¹³	80.0 MW ¹³	June 2007	19.0	256.0
Casselman	Avangrid Renewables, LLC ¹¹	Black Township, Summit Township	Somerset	23	GE ¹⁴	1.5 MW ¹⁴	34.5 MW ¹⁴	Dec 2007	15.5	262.0
Forward	Global Infrastructure Partners (GIP) ¹⁵	Shade Township	Somerset	14	Suzlon ¹⁶	2.1 MW ¹⁷	29.4 MW ¹⁶	April 2008	19.0	262.4
Lookout	Global Infrastructure Partners (GIP) ¹⁵	Brothersvalley Township, Northampton Township	Somerset	18	Suzlon ¹⁸	2.1 MW ¹⁹	37.8 MW ¹⁹	Oct 2008	19.0	262.4
Locust Ridge II	Avangrid Renewables, LLC ¹¹	Conyngham Township, Union Township, Mahanoy Township, West Mahanoy Township	Columbia, Schuylkill	51	Gamesa ¹²	2.0 MW ¹²	102.0 MW ¹²	May 2009	15.5	256.0
Highland (Krayn/Cambria)	Oppidum Capital ²⁰	Adams Township	Cambria	25	Nordex ²¹	2.5 MW ²¹	62.5 MW ²¹	August 2009	15.0	262.4
North Allegheny	Duke Energy Renewables, Inc.	Cresson Township, Portage Township, Washington Township, Juniata Township,	Cambria, Blair	35	Gamesa ²²	2.0 MW ²²	70 MW ²²	Sept 2009	14.9	272.0
Armenia Mountain	ALLETE Clean Energy	Sullivan Township, Ward Township, Armenia Township	Tioga, Bradford	67	GE ²³	1.5 MW ²³	100.5 MW ²³	Dec 2009	13.9	262.0
Stony Creek	RWE Renewables America ²⁴	Shade Township, Stony Creek Township	Somerset	35	GE ²⁵	1.5 MW ²⁵	52.5 MW ²⁵	Nov 2009	17.4	262.4
Chestnut Flats	EDF Renewable Energy, Inc. ²⁶	Logan Township	Blair	19	Gamesa ²⁶	2.0 MW ²⁶	38 MW ²⁶	Dec 2011	19.0	328.1
South Chestnut	Avangrid Renewables, LLC ¹¹	Georges Township, Springhill Township, Wharton Township	Fayette	23	Gamesa ²⁷	2.0 MW ²⁷	46 MW ²⁷	April 2012	16.3	256.0
Turkey Point Wind Project (Frey Farm Wind)	Energy Power Partners ²⁸	Manor Township	Lancaster	2	GE ²⁹	1.6 MW ²⁹	3.2 MW ²⁹	Jan 2011	12.0	262.4
Highland North	Vitol, Inc. ³⁰	Adams Township, Summerhill Township	Cambria	30	Nordex ³¹	2.5 MW ³¹	75 MW ³¹	March 2012	19.0	328.1
Sandy Ridge	Algonquin Power Fund (America) Inc.	Snyder Township, Taylor Township	Blair, Centre	25	Gamesa ³²	2.0 MW ³²	50 MW ³²	Feb 2012	17.6	328.1
Twin Ridges	Vitol, Inc. ³⁰	Northampton Township, Larimer Township, Southampton Township, Greenville Township	Somerset	68	Repower ³³	2.05 MW ³³	139.4 MW ³³	Dec 2012	19.0	328.1
Laurel Hill	Duke Energy Renewables, Inc.	Jackson Township, McIntyre Township	Lycoming	30	Siemens ³⁴	2.3 MW ³⁴	69.0 MW ³⁴	Sept 2012	12.8	272.0
Patton	Vitol, Inc. ³⁰	Elder Township, East Carroll Township, West Carroll Township	Cambria	15	Gamesa ³⁵	2.0 MW ³⁵	30.0 MW ³⁵	Dec 2012	16.8	295.3
Mehoopany	AE Power Services LLC, a subsidiary of BP Wind Energy ³⁶	Forkston Township, Noxen Township, Eaton Township, Mehoopany Township	Wyoming	88	GE ³⁶	1.68 MW ³⁶	140.8 MW ³⁶	Dec 2012	19.0	328.0
Ringer Hill	Skyline Renewables LLC ³⁷	Elk Lick Township	Somerset ³ ₆	14 ³⁶	GE ³⁸	2.85 MW ³⁸	39.9 MW ³⁸	Dec 2016	19.0	295.3
Big Level	TransAlta Renewables ³⁹	Hector Township	Potter	25 ³⁹	GE ³⁹	3.6 MW ³⁹	90.0 MW ³⁹	Dec 2019	16.3	430.0

Sources

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- 4 Operating Year, Design Wind Speed (mph), and Turbine Hub Height (feet) – U.S. Energy Information Administration, “Form EIA-860 detailed data with previous form data,” Release date September 22, 2022, accessed September 29, 2022, <https://www.eia.gov/electricity/data/eia860/>. The owner is asked to “Enter the average annual wind speed in miles per hour for the turbines included in the generator. If more than one value exists, select the one that best represents the turbines” and “enter the hub height in feet for the turbines at the generator. If this generator consists of turbines with multiple hub heights, select the one that best represents all of the turbines.”
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