

2004



## Wind Project Data Base

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NEW LINKS:  
[Wind Power New York Initiative](#)

**State Summary:**

Total MW = 48.45\*  
 Planned MW  
 = 637.05\*

**Wind Energy Potential:**

Average Power Output (MW): 7,080  
 Annual kWh: 62 Billion  
 Rank in US: 15th\*\*

Updated: Aug. 8, 2004

## New York State Wind Energy Development

Existing Project or Area	Owner	Date Online	MW	Power Purchaser/ User	Turbines/ Units
<a href="#">Madison Windpower</a>	PG&E National Energy Group	Sept 2000	11.55	Merchant plant	Vestas (7)
<a href="#">Wethersfield, Wyoming County</a>	CHI Energy	Oct 2000	6.6	Niagara Mohawk	Vestas (10)
Fenner Wind Power Project	CHI Energy	Dec 2001	30.0	NY Power Pool	Enron TZ 1.5 (20)
Calverton	Long Island Power Authority	2002	0.05	Long Island Power Authority	AOC 15/50 (1)
Lorax-Energy Near Rochester	Harbeck Plastics	2002	0.25	Harbeck Plastics	Fuhrlaender 250 (1)

**Planned Wind Projects in New York**

Utility/Developer (Project)	Location	Status	MW Capacity	On Line By / Turbines
Long Island Power Authority (Long Island)	South Holt	N/A	0.05	2004/ AOC 50 kW (1)
Zilkha Renewable Energy/ Atlantic Renewable Energy Corp. (Flat Rock)	Near Lowville, Martinsburg, and Harrisburg, NY	Proposed	300	2005/ NA
UPC Wind Partners/ Global Winds Harvest, Inc. (Windfarm Prattsburgh)	Steuben and Yates Counties, NY	Proposed	75	2005/ NA
NA	Otsego County	Proposed	40.5	2005/ NA
York WindPower (Ripley)	Near Ripley	Proposed	30-50?	2005/ NA
Zilkha Renewable Energy (Sardinia Wind Power Project)	Erie County	Proposed	40-50	2005/ NA
Jasper Energy (Chautauqua Windpower)	N/A	N/A	51	2005/ NA

**Sources:**

**\*Installed & Projected MW - AWEA**

**\*\*Wind Energy Potential - *An Assessment of the Available Windy Land Area and Wind Energy Potential in the Contiguous United States, Pacific Northwest Laboratory, 1991.*** ("Potential" is stated in terms of average Megawatts of Capacity (MWa), or megawatts of capacity at 100% capacity factor. 1 MWa is roughly equal to about 3 MW of nameplate wind turbine capacity.)



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