

New York

50 m Wind Power

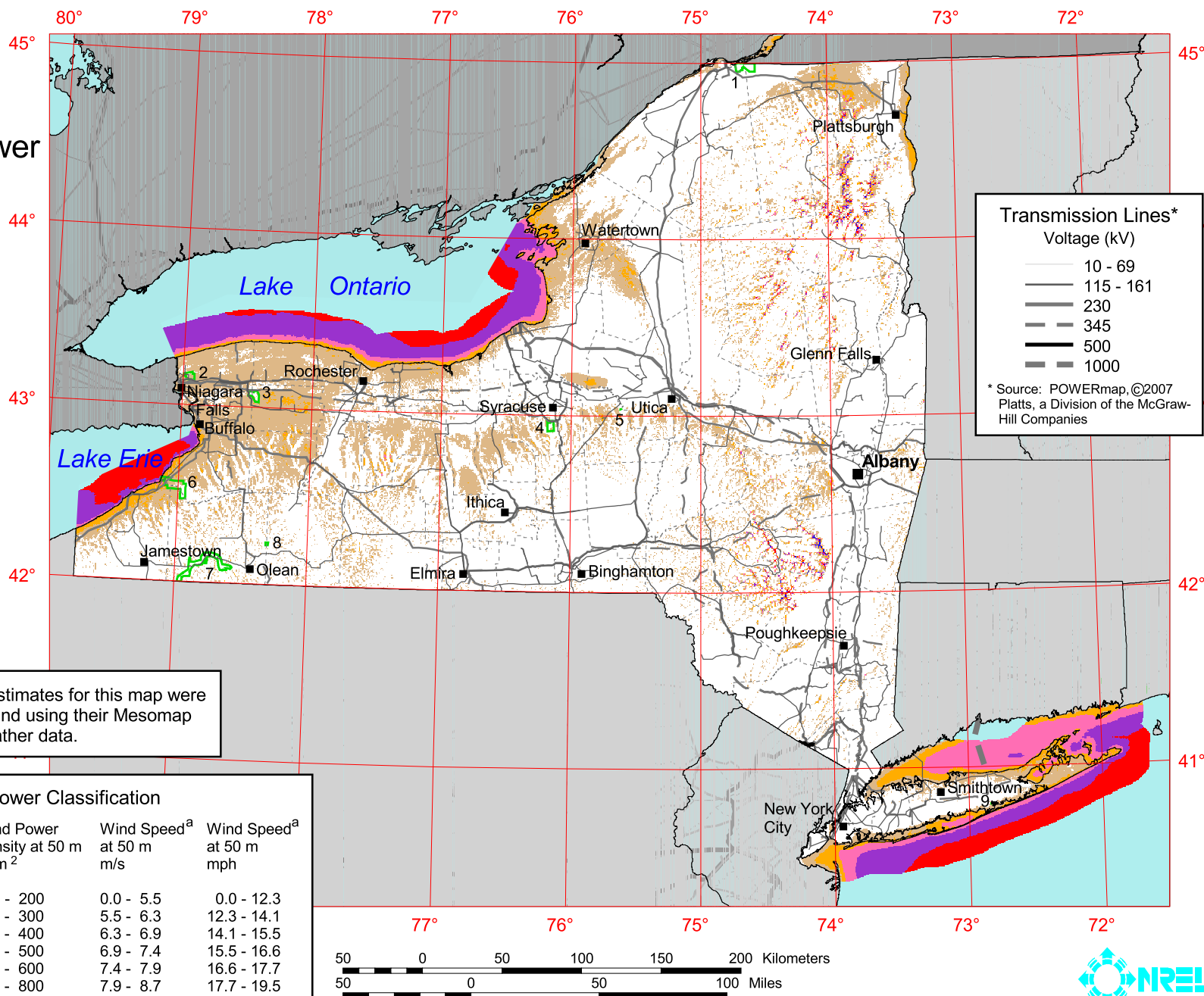
Indian Reservation	
1	St. Regis Mohawk
2	Tuscarora
3	Tonawanda
4	Onondaga
5	Oneida
6	Cattaraugus
7	Allegany
8	Oil Springs
9	Poospatuck

The annual wind power estimates for this map were produced by AWS Truewind using their Mesomap system and historical weather data.

Wind Power Classification

Wind Power Class	Resource Potential	Wind Power Density at 50 m W/m ²	Wind Speed ^a at 50 m m/s	Wind Speed ^a at 50 m mph
1	Poor	0 - 200	0.0 - 5.5	0.0 - 12.3
2	Marginal	200 - 300	5.5 - 6.3	12.3 - 14.1
3	Fair	300 - 400	6.3 - 6.9	14.1 - 15.5
4	Good	400 - 500	6.9 - 7.4	15.5 - 16.6
5	Excellent	500 - 600	7.4 - 7.9	16.6 - 17.7
6	Outstanding	600 - 800	7.9 - 8.7	17.7 - 19.5
7	Superb	> 800	> 8.7	> 19.5

^a Wind speeds are based on a Weibull k of 1.8 at 150 m above sea level.



Transmission Lines*
Voltage (kV)

- 10 - 69
- 115 - 161
- 230
- 345
- 500
- 1000

* Source: POWERmap, ©2007 Platts, a Division of the McGraw-Hill Companies



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National Renewable Energy Laboratory

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