

**New York State Wind Facility Capacity Factors Based on NYISO "Gold Book" Load & Capacity Data Reports Table III-1**

Station	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Altona_Wind_Power			1.0%	17.4%	22.0%	20.9%	20.2%	19.0%	21.8%	19.9%	19.9%	20.6%	19.7%	20.1%	21.6%	19.0%
Arkwright_Summit_Wind_Farm														37.4%	37.2%	34.0%
Bliss_Wind_Power			16.8%	22.0%	21.3%	21.7%	23.3%	23.2%	23.5%	23.3%	23.2%	23.9%	35.7%	37.4%	37.2%	19.9%
Canandaigua_Wind_Power			5.5%	19.9%	23.6%	22.1%	22.6%	22.0%	23.7%	23.8%	23.6%	24.2%	21.9%	19.3%	22.3%	14.8%
Cassadaga_Wind																15.3%
Chateaugay_Wind_Power			10.3%	18.4%	20.6%	21.6%	20.6%	20.2%	21.5%	22.7%	22.5%	22.3%	22.4%	19.0%	6.0%	18.8%
Clinton_Wind_Power			11.4%	20.2%	19.7%	19.8%	19.0%	20.0%	21.1%	19.9%	19.9%	19.4%	20.5%	21.1%	22.2%	17.2%
Copenhagen_Wind_Farm														35.2%	20.0%	34.3%
Ellenburg_Wind_Power			12.9%	22.8%	22.2%	23.7%	22.2%	23.2%	24.9%	24.5%	23.8%	24.4%	16.7%	19.3%	20.0%	20.4%
Erie_Wind							25.3%	31.5%	29.9%	28.9%	29.0%	28.0%	13.8%	35.2%	39.2%	19.9%
Fenner_Wind_Power	29.4%	36.0%	27.0%	26.1%	9.9%	25.1%	22.5%	26.0%	25.4%	25.6%	23.7%	16.9%	20.3%	22.3%	23.6%	27.9%
Hardscrabble_Wind						22.8%	26.5%	27.9%	28.4%	28.3%	28.1%	27.4%	19.9%	14.1%	7.2%	24.5%
High Sheldon Wind Farm				22.3%	24.5%	26.5%	25.8%	27.1%	27.5%	26.2%	27.2%	27.2%	20.7%	27.6%	12.6%	21.5%
Howard_Wind							23.7%	26.7%	26.5%	25.6%	26.6%	26.6%	27.3%	28.4%	10.6%	22.5%
Jericho_Rise_Wind											27.0%	36.2%	25.1%	24.8%	25.0%	29.5%
Madison_Wind_Power	19.9%	20.9%	18.8%	19.4%	17.7%	21.4%	18.7%	20.2%	20.7%	19.4%	19.7%	20.5%	24.9%	26.6%	26.0%	10.1%
Maple_Ridge_Wind_1	20.1%	25.9%	26.6%	26.1%	24.4%	26.2%	25.9%	26.9%	29.0%	28.1%	27.4%	28.2%	33.2%	33.4%	33.2%	22.4%
Maple_Ridge_Wind_2			26.8%	25.6%	24.3%	25.4%	25.3%	26.3%	28.4%	27.3%	26.7%	27.5%	18.4%	18.5%	16.8%	21.2%
Marble_River_Wind							18.0%	27.2%	28.6%	28.8%	27.7%	28.7%	26.5%	26.5%	26.6%	23.7%
Marsh Hill Wind Farm										47.6%	38.8%	34.4%	25.6%	25.3%	25.4%	34.4%
Munnsville_Wind_Power			29.5%	29.4%	28.0%	29.0%	28.7%	29.6%	31.8%	30.2%	31.1%	32.0%	25.9%	27.6%	25.9%	26.4%
Orangeville_Wind_Farm								11.9%	33.3%	34.9%	32.2%	34.0%	32.7%	35.5%	13.4%	29.9%
Roaring_Brook_Wind																12.4%
Steel_Wind		5.9%	21.3%	24.1%	27.6%	21.9%	27.7%	11.9%	33.3%	34.9%	31.8%	29.6%	19.3%	11.2%	29.5%	19.4%
Western_NY_Wind_Power	25.0%	26.9%	19.7%	23.7%	23.0%	23.2%	20.8%	30.5%	26.6%	28.9%	21.6%	12.3%	35.2%	33.5%	34.2%	2.9%
Wethersfield_Wind_Power				20.0%	23.1%	23.2%	22.6%	16.6%	16.1%	23.5%	24.0%	24.7%	26.8%	15.5%	6.2%	20.6%
State Wide Totals	21.2%	26.3%	20.9%	18.9%	18.8%	20.9%	23.2%	23.9%	24.3%	23.9%	25.7%	26.4%	24.5%	25.3%	23.9%	22.3%
State Wide Net Energy GWh	518	800	1,282	1,960	2,216	2,472	3,060	3,541	3,985	3,984	3,943	4,219	3,985	4,400	4,162	4,111
State Wide Annual Capacity GWh	2,446	3,045	6,126	10,362	11,808	11,808	13,217	14,154	14,224	14,344	15,352	15,975	16,264	17,390	17,390	18,456
State Average Capacity Factor	21.2%	26.3%	20.9%	18.9%	18.8%	20.9%	23.2%	25.0%	28.0%	27.8%	25.7%	26.4%	24.5%	25.3%	23.9%	22.3%