



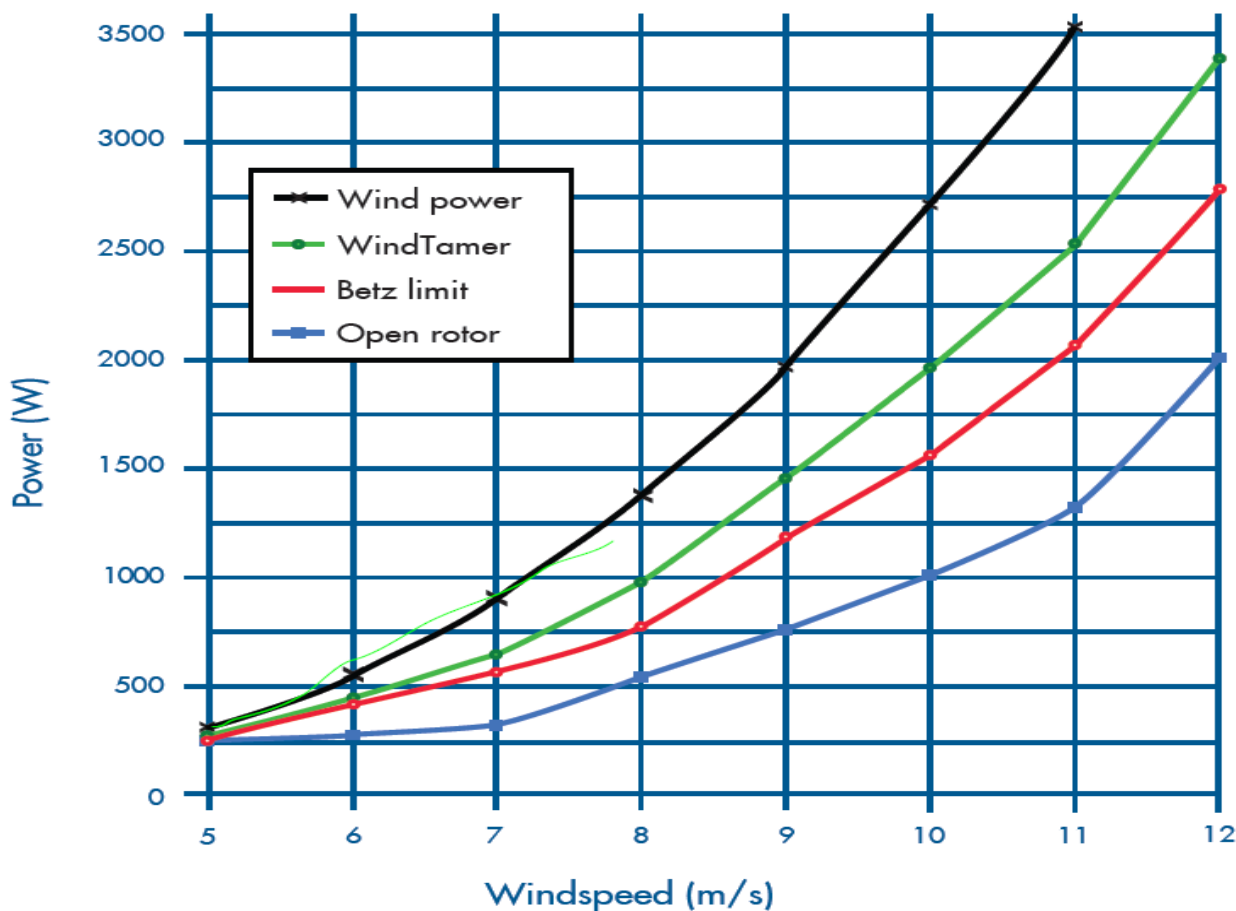
Select a Model:

Windtamer 96 GT-3500

WINDTAMER				Same Price / Open Rotor		
Avg Wind	Monthly Production	Monthly Savings	Payback	Monthly Production	Monthly Savings	Payback
5 meters/sec	443 kWh	\$88	10.7 yrs	325 kWh	\$64	14.6 yrs
6 meters/sec	743 kWh	\$147	6.4 yrs	477 kWh	\$94	9.9 yrs
7 meters/sec	1086 kWh	\$214	4.4 yrs	637 kWh	\$126	7.5 yrs

[Learn how these numbers were calculated](#)

WindTamer 96^{GT} Power Curve



New York Wind Resource Explorer

Wind Resource Report



Geographical Data

Latitude:	43 07'04.8"N	Longitude:	77 32'52.8"W	Elevation:	138 Meters	453 Feet
decimal:	43.118	decimal:	-77.548	Roughness:	0.3	
Map Coordinates:	X:	292700		Y:	4777100	

Wind Resource

	Avg. Wind Speed (m/s)	Avg. Wind Power Density (W/m ²)	Weibull Parameters	
			c	k
24 m Annual	4.67	NA	5.28	NA
30 m Annual	4.94	NA	5.6	NA
37 m Annual	5.22	NA	5.91	NA
50 m Annual	5.64	201.26	6.39	2.052
70 m Annual	6.17	NA	6.99	NA
100 m Annual	6.76	NA	7.65	NA

Clean Power Estimator [?](#)

Zip: _____ **Use:** Residential

Directional Wind Data at 50 m

Tabular data calculated using closest data point within 1 km.

	Frequency (Percent)	Power (Percent)	Avg. Wind Speed (m/s)	Weibull Parameters	
				c	k
N	3.82	0.7	3.24	3.87	2.487
NNE	4.5	1.36	3.36	4.23	1.916

NE	3.88	1.37	3.79	4.54	2.015
ENE	2.67	0.83	3.86	4.38	2.046
E	2.32	0.69	3.77	4.28	2.001
ESE	3.11	1.25	4.38	4.93	2.287
SE	3.8	2.9	5.31	5.99	2.149
SSE	3.95	3.8	5.69	6.43	2.112
S	5.14	6.83	6.41	7.05	2.009
SSW	8.4	10.93	6.67	7.34	2.355
SW	8.61	8.94	6.13	6.79	2.328
WSW	16.34	31.03	7.25	8.27	2.291
W	11.65	11.54	5.97	6.72	2.371
WNW	10.19	11.09	6.03	6.82	2.236
NW	7.45	5.57	5.26	6.05	2.279
NNW	4.17	1.14	3.9	4.36	2.356

