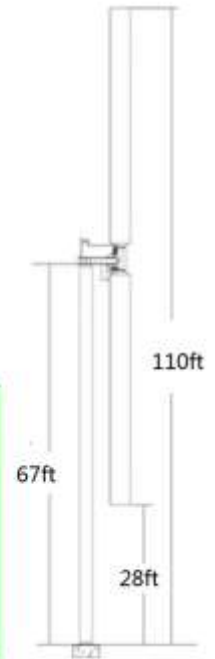
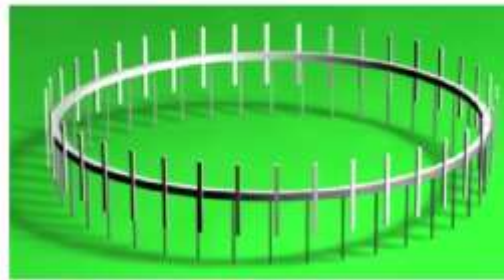
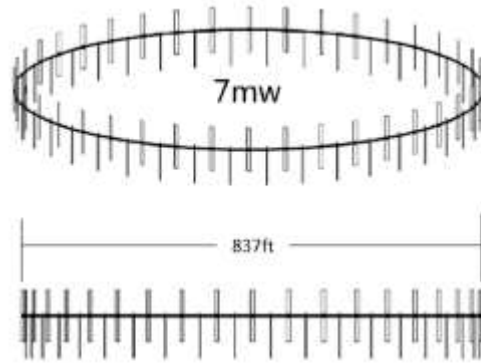


7MW Super Turbine

Performance	7mw
Rated Power	7.2mw
Max Power	12m/s
Rated Wind Speed	2m/s
Cut-In Speed	30m/s
Cut-Out Speed	60m/s
Survival Wind Speed	
Physical Parameters	
Mill Diameter	255m
Standard height of pole	20m
Generator Parameters	
Type	PMG 3 Phase
Rated Voltage	AC 480V
Rated Current	AC 120.4A



Protection & Braking System

Speed Control: Active real-time attack angle regulation tech.

Brake Style: Automatic brake system

Protection Level: IP54

Remote Monitoring System: Y

Annual power generation of 7MW at different average wind speed

Power generation cost of 7MW Super Turbine						
Average wind speed	Annual power generation (mwh)	Total generation in 20 years (mwh)	wind farm construction cost (\$)	20 years income (\$)	cost of per Mwh (\$)	cost of per Kwh (\$ cent)
5m/s	7,500	150,000	4,000,000	18,000,000	26.7	2.67
5.5m/s	9,800	196,000	4,000,000	23,520,000	20.4	2.04
6m/s	12,800	256,000	4,000,000	30,720,000	15.6	1.56
6.5m/s	16,200	324,000	4,000,000	38,880,000	12.3	1.23
7m/s	20,300	406,000	4,000,000	48,720,000	9.9	0.99
7.5m/s	25,000	500,000	4,000,000	60,000,000	8.0	0.80
8m/s	30,300	606,000	4,000,000	72,720,000	6.6	0.66
8.5m/s	36,400	728,000	4,000,000	87,360,000	5.5	0.55
9m/s	43,200	864,000	4,000,000	103,680,000	4.6	0.46
9.5m/s	50,800	1,016,000	4,000,000	121,920,000	3.9	0.39
10m/s	59,200	1,184,000	4,000,000	142,080,000	3.4	0.34

Patented:

US patents, US 9366226, US 9394883; Europe patent, EU 2910775.