

Appendix B

California Energy Commission Certified Wind Turbines

Manufacturer-Model	Rated Capacity	Hub Height	Rotor Diameter	Overall Height	Estimated Cost	Manufacturer Noise Emission data	Cut in Wind Speed	Notes
Southwest Windpower – Skystream 3.7	2.4kW	45 feet	12 feet	51 feet	\$13,000	55 dBA at 60.5 feet	8 mph	
Windspire – 1.2	1.2kW	10 feet	4 by 20 feet	30 feet	\$12,000	6 dBA above ambient (15 mph wind, 6ft from base)	8.5mph	Vertical Axis
Bergey – Excel 10	10kW	60 feet	23 feet	71.5 feet	\$45,000	53.5 dBA at 98.5 feet	7.5 mph	
Gaia –GW 133-11	11kW	58.75 feet	42.5 feet	80 feet	\$75,000	45 dBA at 196 feet	5.6 mph	Standard hub height is 60 feet. Tower height would require a reduction of 1.25 feet to comply with proposed height limit
Northern Power – NPS 100	100 kW	121 feet	69 feet	155.5 feet	Advertised cost not available	55 dBA at 98 feet	7.9mph	This model is would fall under the large turbine category of the proposed ordinance due to the height and rated capacity which exceed small turbine category limits.