

vertical-axis wind turbines

- Different from “horizontal axis” types often found on wind farms
- Project funded by Hawaii Natural Energy Institute
- Helps fulfill LEED Platinum requirements



1 installed



2 installed



2 installed

Model Name	Gale T2	Twister-1000-T	Windspire 1.2
Company	Tangarie	Venco	Windspire
Type	Savonius	Darrieus	Darrieus Giromill
Cut-In Speed (min. wind speed needed to generate power)	4.25 mph	7.7 mph	8.5 mph
Rating	2 kW (peak)	1.2 kW (peak)	1.2 kW (peak)
Anticipated Annual Output (per unit, @ 2,000 hours, with 10 mph wind)	4,000 kWh (kilowatt hour)	2,400 kWh	2,400 kWh
Height	30.5 ft. total (22 ft. tower + 8.5 ft. turbine)	30.25 ft. total (24 ft. tower + 6.25 ft. turbine)	30 ft. total (20 ft. tower + 10 ft. turbine)