

Why WINDTERRA?

- Complete System; Turbine, Turbine-Specific Inverter, Controller and Mounting
- Roof-top Mounting System installed in about 4 hours
- Blade design optimizes performance at modest wind speeds rather than rated power at rated speeds
- 5 year warranty

Windterra
enables consumers
to become
power generators and
create a path to
energy independence



Want to Reduce Your Energy Usage?

Replace incandescent light bulbs with compact fluorescent bulbs

Unplug electronics and other electric appliances when not in use

Always replace appliances with Energy Star Rated appliances – they are up to 40% more efficient

Use fans, close doors and window shades to reduce the need for air conditioning

Turn off unnecessary lighting; install motion detector switches

When replacing your computer, consider a laptop – they use about 90% less energy

When possible use cold water to wash clothing and always wash and dry full loads

Install a programmable thermostat and program it appropriately when you are away and at night

Keep water heater at 120° F when home and turn down all the way when you are away

Cut water use by installing faucet aerators – 19% of electricity in California is used to pump water

Authorized Distributor:

www.windterra.com

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WINDTERRA



Building
tomorrow's
energy future,
today.

People have been harnessing the wind's power for centuries. But it's only been in the last few decades that the technology for converting the wind's energy into electricity has made the necessary strides to become a viable source for large-scale energy production.



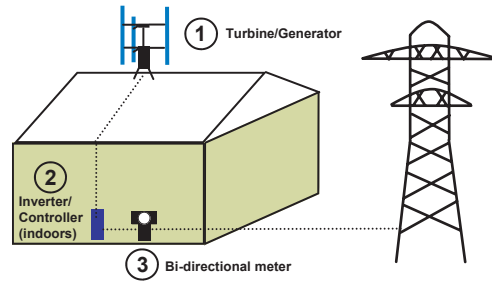
- Horizontal Axis Wind Turbine (HAWT)
- Requires high wind speeds
- Quite noisy
- Utility controlled/ managed

Improvements in Vertical Axis Wind Turbine technology take advantage of lower wind speeds, those at roof top levels. For the first time consumers will have a competitive alternative to installing a photovoltaic system.

- Vertical Axis Wind Turbine (VAWT)
- Designed to take advantage of lower wind speeds
- Virtually free of noise
- Consumer controlled and managed
- Distributed Power Generation



How the WINDTERRA Turbine Works



1 – Turbine spins and 3 phase AC generator produces power at wind speeds as low as 6.6 mph.

2 – Inverter manages the power and delivers useful household power that is compatible with the grid. The inverter also keeps a record of actual output – kWhs produced.

3 – Bi-directional meter connects the wind turbine to the grid, allowing the meter to credit you for the electricity generated. The meter will spin backwards when the system produces more electricity than is consumed.

WINDTERRA is changing the face of renewable energy by providing consumers with an affordable and efficient power generation system.

Be part of the SOLUTION

The **Eco 1200** wind turbine will reduce the average home carbon footprint by 2463 lbs. (1.12 tons) of CO₂ annually. Over it's lifetime that is a savings of over 22 tons of CO₂.

Distributed energy (energy that is produced at the point of consumption) takes pressure off the electrical grid.

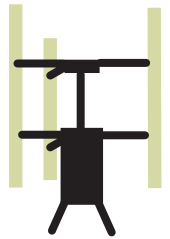
The cost of electricity will only increase – the more expensive electricity becomes, the more money you will save each month.

Replace a portion of your electricity needs with 100% green energy YOU produce.

Get in the game – at approximately 1/3 the cost of a solar installation, YOU can afford to be part of the solution.

Eco 1200 Specifications

Output for annual average wind speed of 11.25 mph
 Daily 4.5 kWhs
 Monthly 139 kWhs
 Annual 1642 kWhs



2.25m x 2.66 m (88 inches W x 104 inches H)

Rated at 1000W at 22 mph

Patented braking system limits rotational speed to 270 rpm

Patented mounting system accommodates any pitch roof

Grid tied interface

Regulatory approvals: **UL listed to UL1741** Inverters, Converters and Controllers; **CSA 22.2 No. 107.1** Standards Commercial and Industrial Power Supplies