

ARI's Wind Turbine Generator Serves Renewable Energy

ARI's wind turbine generator brings the power of solar energy to your home and business projects. Is this generator a workable and "green" solution?

Jan. 23, 2008 - [PRLog](#) -- It has been estimated that a small fraction of the sun's energy is enough to power up the entire earth, including all electricity and mechanical needs, many times over. The shrewdest industrialists have realized that if harvested, solar energy could provide more than enough adequate power for mankind's needs, and all without the risk of environmental damage. The hybrid solar-wind generator has been developed as an alternative source of electricity, and an alternative for the usual solar-wind generators—the noisy kind that are known to freeze in cold temperatures.

A solar-wind turbine generator uses solar PV panels to transform solar light into electrical energy. Wind generators use a wind turbine that transforms wind force into electricity. This generator combines the two technologies into one hybrid solar-wind charge controller, which regulates the current of both solar panels and wind turbines before storing the energy in battery banks. Combining these two technologies has also eliminated some well-known problems of each individual process. Solar systems are usually expensive to produce, though they are very reliable and cheap to maintain. On the other hand, wind power generators are easy and cheap to produce, yet do not have the reliability of solar power.

The solar-wind turbine generator made by the ARI Renewable Energy Company strives to complement both processes, and provide solar and wind energy at a cheap manufacturing rate, with the reliability of a higher-end product. Manufacturing costs stay low because the systems share battery banks and inverters. The consumer gets renewable energy as the sun continues to shine.

About ARI - The ARI Renewable Energy Company is located in Manassas, Virginia. It designs and manufactures hybrid solar-wind generator systems.

Website: www.arisolarwind.com

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Website	https://www.arisolarwind.com
City/Town	Manassas
State/Province	Virginia
Zip	20109
Country	United States
Industry	Energy
Tags	Wind Turbine
Link	https://prlog.org/10047189



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