

GE Dedicates USD 45 Million, Eco-Friendly Renewable Energy Global Headquarters



imagination at work

Signaling its continuing commitment to developing and delivering cleaner, more efficient energy solutions for the world, GE dedicated a USD 45 million Renewable Energy Global Headquarters in Schenectady, N.Y.

"The dedication of our new, state-of-the-art global headquarters represents our ongoing mission to provide renewable energy solutions that will help meet both the world's energy and environmental needs," said Victor Abate, vice president, renewable energy for GE Power & Water. "It also stands as

an important symbol of the rapid growth and success of our renewable energy business. When we entered the wind energy industry in 2002, it was a USD 200 million business for us. Today it has grown significantly, with revenues topping USD 6 billion."

The event also marked the installation of GE's 13,500th wind turbine globally, further demonstrating the continued growth of GE's renewable energy business. GE is the largest supplier of wind turbines in North America, and the company's 1.5-megawatt wind turbine is the

most widely used wind turbine in the world. GE's global installed fleet now generates enough electricity to power nearly 6 million U.S. homes.

The establishment of the Renewable Energy Global Headquarters has spurred the creation of more than 650 new jobs in Schenectady, 150 more than originally anticipated and a year ahead of schedule.

Without long-term, supportive policy, however, the continued growth of the U.S. wind industry could be jeopardized, noted Abate. "The establishment of a federal renewable electricity standard (RES) with strong, near term goals, would provide the stability and support needed to encourage investors and drive growth in the U.S. wind industry," he said. "This ongoing growth would continue the momentum experienced by the industry over the last several years, creating needed U.S. manufacturing jobs." ■

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Worldwater & Solar Technologies Presents Solar Platform with Integrated Water Purification



WorldWater & Solar Technologies' (WWST) flagship product, Mobile MaxPure® (MMP) provides immediate, distributed infrastructure; potable water and power for commercial, humanitarian, disaster response, development and military applications. To date, the company has shipped 60 systems for deployment including areas in Iraq, Afghanistan, Darfur and Haiti. Lack of infrastructure to supply reli-

able and ready availability of power and clean water in remote areas and in post-disaster scenarios creates both a public health hazard as well as a barrier to security, economic independence and development. The MMP solves the problem of power by using solar energy and storing the electricity in an embedded battery bank. With the problem of reliable power solved as soon as the new system arrives on site, compelling

applications can be operated including water purification, desalination and reverse osmosis, satellite communications, lights and electric appliances.

The utilization of the new system and the ability it offers to balance solar power to run water purification sets it apart from the rest. Operational anywhere, anytime the MMP can be providing power, water, communications as an immediate, distributed 3-way utility within 30 minutes after arriving on site, providing critical, immediate infrastructure day and night. The new system can create potable water from virtually any water source including saline sources. Additionally, the technology has been designed to be scalable, with the ability to operate as a standalone unit or in series to meet demands of volume.

Economically efficient even for poverty-stricken areas, this system creates potable water for fractions of a penny per gallon, making it the lowest cost water delivery system in the world. Eliminating the need for external fuel or power, the new technology is a viable solution anywhere in the world, even the most remote areas. ■

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