New Jersey Board of Public Utilities

PRESS RELEASE

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NEW JERSEY RECOGNIZES 2007 CLEAN ENERGY LEADERS

EPV Solar; Ferreira Net Zero Project with Live Data Systems; Trump Marina Energy Conservation Project; Middlesex County Showroom of Environmental Technology; NJ Resources; Prout Funeral Home; Rowan University; and Springfield Commons

(NEW BRUNSWICK, NJ) – The New Jersey State Board of Public Utilities (NJBPU) today recognized eight New Jersey businesses and organizations for their leadership and innovations in creating clean energy solutions that save energy and help reduce greenhouse gases. The winners were recognized at the *2007 Clean Energy Conference and Leadership Awards Program* held at the Hyatt Regency New Brunswick.

Focusing on a theme of ***Partnering for Climate Change Solutions***, this year's conference featured Ted Turner, Chairman of Turner Enterprises, Inc., investor in Branchburg-based DT Solar. Turner addressed an audience of more than 700 businesses and municipalities, who are promoting clean energy strategies to reach Governor Corzine's clean energy goals of 20 percent Class One Renewables by 2020, on the topic of global climate change solutions.

"This year's award winners are clear examples that clean energy is smart business," said NJBPU President Jeanne M. Fox. "Our awards program has highlighted the state's most impressive projects that demonstrate how businesses and municipalities can reduce energy use to meet Governor Jon S. Corzine's ambitious clean energy goals. I personally commend all of this year's award winners for proving that businesses can be environmentally responsible and profitable at the same time."

The third annual New Jersey Clean Energy Leadership Awards highlight New Jersey's clean energy goals and strategies to reduce greenhouse gases, increase the use of renewable energy and increase energy efficiency. Through its Clean Energy Program, which provides more than $180 million dollars each year to businesses, residents and municipalities, New Jersey has emerged as a national leader and one of the fastest growing clean energy markets in the country.

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Winners of the 2007 Clean Energy Leadership Awards include:

NJ Clean Energy Business Leader of the Year:
Trump Marina Energy Conservation Project (Atlantic City, NJ)

The Trump Marina Energy Conservation Project has demonstrated leadership by implementing various demand-side management technologies that had not previously been considered for gaming and hospitality facilities to reduce energy costs and increase conservation for all three Trump properties in Atlantic City: Trump Marina, Trump Plaza and the Taj Mahal. Concord Atlantic Engineers, a leading New Jersey energy service company, worked in partnership with Trump to achieve a 15.88 percent reduction in kWh used in 2007 compared to 2006. In total, the Trump Marina Project alone will add $2 million in energy savings per year to Trump Properties. The total annual electric savings for all three projects is estimated to be 90 million KWh .The projects will annually avoid over 150 million lbs. of CO_2, a leading cause of global climate change.

NJ Clean Energy Small Business Leader of the Year:
Prout Funeral Home (Verona, NJ)

Prout Funeral Home is a family-owned business in Verona, New Jersey that is being recognized for its leadership in promoting solar energy as a community leader. Prout Funeral Home was one of the first small businesses in the state to install of a 17.4 kilowatt solar photovoltaic system that generates 24,000 kWh per year and avoids over 22,000 lbs. of CO_2 emissions. Prout Funeral Home went one step further by creating an educational display of its solar technology for the public, as well as a tour on renewable energy for local school groups and community groups.

NJ Clean Energy Market Innovator:
Ferreira Net Zero Project with Live Data Systems

The Ferreira Net Zero Project with Live Data Systems was developed as the first multi-use, new commercial office buildings in the entire country to be "**NET ZERO ELECTRIC.**" The 40,000 sq ft commercial building generates its own electricity from a rooftop grid-tied 223 kW DC photovoltaic system that is continuously monitored by software developed by Live Data Systems. The Live Data Systems software tool provides real time information on performance and energy use, which allows for continuous improvement in efficiency and operation. The monitoring by this software enabled Ferreira to obtain Net Zero Electricity use and helped the company avoid over 1 million lbs. per year in CO_2 emissions. Besides the photovoltaic system, the building has a combination of energy efficiency features – like solar DHW system, radiant floor heating systems, a 96 percent efficiency boiler and extensive building controls and monitoring systems, setting a leading example of the innovative use of clean energy technologies to meet the Governor's clean energy goals.

NJ Clean Energy Manufacturer:
EPV Solar (Lawrenceville, NJ)

EPV Solar is New Jersey's first solar manufacturer to pioneer the development and application of thin-film solar photovoltaic modules with a goal of providing affordable solar power to New Jersey and the world. EPV Solar, based in Lawrenceville, NJ, since 1991, designs and builds its own amorphous-silicon (a-Si) thin modules which produce 20-30 percent more kWh per watt than crystalline, providing improved performance for New Jersey's solar program and a better energy payback for its customers. EPV Solar's thin-film modules are ideally suited to building integrated applications, such as office building windows as featured in projects in New York, Philadelphia and Europe. EPV Solar has produced approximately 8 MW of installed solar capacity and plans to play a key role in meeting New Jersey's goal of 2 percent solar by 2020.

NJ Clean Energy School:
Rowan University (Glassboro, NJ)

Rowan University is recognized as the Clean Energy School of the Year for its broad commitment to reducing greenhouse gases, increasing the use of renewewable energy on campus and building technical expertise and advocacy for clean energy among its students. Rowan University is the first educational institution to purchase emission-free wind energy from the Jersey-Atlantic Wind Farm in Atlantic City, New Jersey. In 2007, Rowan increased its wind energy purchase to include supply from national wind farms for an annual total of over 10 million kWh of wind energy offsetting 6,338 metric tons of CO_2 emissions each year. In addition Rowan University President Donald Farish was the first New Jersey University President to commit to signing the American College Presidents' Climate Change Challenge.

NJ Clean Energy Municipality:
Middlesex County Showroom of Environmental Technology (MCSET) (New Brunswick, NJ)

The Middlesex County Showroom of Environmental Technology was launched in 2006 to assist Middlesex County municipalities, agencies, authorities and schools with the procurement and implementation of clean energy technologies and sustainability programs. MCSET was designed to showcase various green and sustainable technologies in county and municipal applications. Through MCSET, five communities so far have purchased hybrid vehicles as part of their total fleet of 28, the largest hybrid fleet in New Jersey. MCSET also recently completed installation of a 25 kWh solar photovoltaic system that is expected to generate at least 40 percent of the electricity used by the Middlesex Cooperative Extension Services, thus providing savings to both the County and taxpayers.

NJ Clean Power Purchaser of the Year:
<u>New Jersey Resources (Wall, NJ)</u>

New Jersey Resources is recognized as Clean Power Purchaser of the Year for its commitment to purchase 100 percent of its electricity through New Jersey's **Clean**Power Choice Program in support of the States' goal to greenhouse gas emissions 20 percent by 2020. This purchase makes New Jersey Resources the largest clean power purchaser in the state and the first utility in New Jersey to purchase 100 percent clean power. The company estimates it will annually avoid over 4,135 tons of CO_2 emissions. This commitment is in addition to the solar photovoltaic system installed at its Wall facility which provides approximately 9 percent of its electricity needs and its outreach efforts to promote CleanPower Choice to all of its customers.

NJ Clean Energy YOUR POWER TO SAVE Project of the Year:
<u>Springfield Commons (HMFA) (Newark, NJ)</u>

Springfield Commons, a Low-Income Housing project in Newark, NJ, is the first project to have completed construction under the New Jersey Housing and Mortgage Finance Agency's SUNLIT Program, which is designed to make solar energy a more viable option for multi-family affordable housing projects. The project consists of an 80kW solar panel system that services the common area electrical needs for 24 units of the 72-unit project. The panels will generate 66,000 kWh annually and reduce residents' energy bills by $30 per month per resident. Additionally, this project will annually remove 54,120 lbs of CO_2 emissions from the air. Springfield Commons demonstrates that by working in partnership renewable energy can be used to reduced utility costs and provide affordable housing for New Jersey families most in need.

Each year the Clean Energy Conference and Leadership Awards, sponsored by the New Jersey Board of Public Utilities and its Clean Energy Program, attract over 800 leading clean-tech businesses and organizations, including Pfister Energy; DT Solar – a Turner Renewable Energy Company; Honeywell; Constellation NewEnergy; Community Energy – an Iberdrola Company; EPV Solar; and Concord Engineering Group, as well as leading organizations like the US Green Building Council – NJ Chapter; NJ League of Municipalities; Sierra Club – New Jersey Chapter, and the New Jersey Sustainable State Institute.

Conference proceedings, awards information and information on clean energy incentives for municipalities, businesses and residents are available online at <u>www.NJCleanEnergy.com</u>.

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