



2006 New Jersey Clean Energy Leader

PowerLight Corporation

Clean Energy Market Innovator

PROJECT INFORMATION

Organization

- **PowerLight Corporation**

Project Name

- **PowerTracker® System, Technology & Market Innovation**

Locations

- **Middlesex Water Company in Edison, NJ**
- **Johnson & Johnson Consumer Products in Skillman, NJ**
- **Johnson & Johnson World Headquarters in New Brunswick, NJ**

Project Contact

- **Daniel Leary, PowerLight Team Member; dleary@powerlight.com**

Technologies

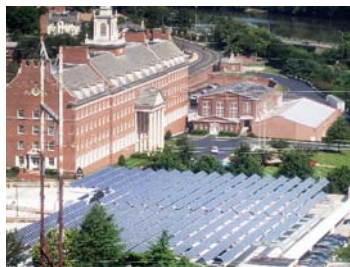
- **PowerTracker® System**

Estimated kWh

- **The 3 PowerTracker Systems save 1,324,000 kWh each year**

NJCEP Incentive/Rebate

- **\$4.73 million**



PowerLight has become a leading clean energy systems provider in New Jersey through the company's continued innovation of advanced product offerings and technologies, creative financing strategies, and proactive SREC aggregation.

Background

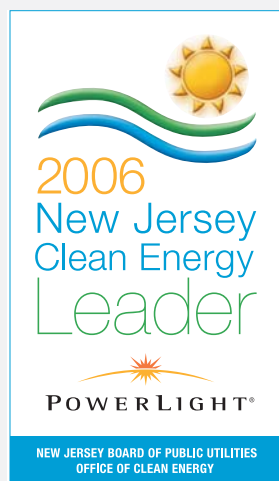
PowerLight Corporation, a leading global provider of large-scale solar power systems, developed 3 large-scale PV tracking systems throughout New Jersey using its trademarked PowerTracker® System. These installations, in Edison, Skillman, and New Brunswick, respectively, resulted in a total of 994 kilowatts.

By introducing its PowerTracker System to New Jersey, PowerLight is not only paving the way for large-scale installations on the east coast, but is also increasing the capacity for New Jersey's generation of Solar Renewable Energy Certificates (SRECs). This will become exceedingly important as New Jersey's Clean Energy Program moves to an SREC-based incentive structure to accommodate the vast demand for solar installations in the state.

With a \$4.73 million contribution from the New Jersey Board of Public Utilities and its Office of Clean Energy, and the rest of the funding for the projects coming from the 3 New Jersey companies where the PowerTracker was installed, PowerLight was able to complete the \$7.9 million projects.

Environmental Contributions

PowerLight's 3 New Jersey PowerTracker systems combined will save 1,324,000 kWh per year. This helps to conserve natural resources as well as significantly improve air quality. Each year, the contributions that PowerLight's PowerTracker





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A 505 kW ground-mounted solar tracking system is in use at Johnson & Johnson Consumer Products, Skillman, NJ.

Systems made to the environment in New Jersey are equivalent to removing 98 cars from the road or planting 139 acres of trees. These projects provide enough energy to power over 2,100 homes during the day.

Conclusion

As a result of the unique design and efficiency of PowerLight's innovative PowerTracker Systems, PowerLight is doing its part to contribute to the environmental needs of New Jersey. PowerTracker Systems produce up to 35% more output than roof-mounted and fixed-tilt systems. Every extra kWh PowerTracker produces over traditional mounting methods creates a better environmental and financial return on investment for New Jersey ratepayers. The bottom line for this system results in a combined production of over 6,600,000 more kWh than roof-mounted systems, which generates an extra environmental savings of 2,500 tons of greenhouse gases over the course of 30 years.

Through the PowerTracker system, PowerLight has paved the way for future market innovators and continues to raise the bar for innovation in the solar industry. It is for these reasons that PowerLight was recognized by the New Jersey Office of Clean Energy as the 2006 Clean Energy Market Innovator of the Year.

To learn more about New Jersey's Clean Energy Program, and to find out why **clean energy is smart business**, go to NJCleanEnergy.com.

