

METRO ENERGY SOLUTIONS

Township of Morristown

Metro Energy was selected as the solar consultant for the Township of Morristown's 550 kW solar project at their Water Treatment Facility. Metro's responsibilities included preparing a feasibility report that included a financial analysis, preparation of the bid specification, administration of the bid process, and project management.

The solar energy project at the Morristown Wastewater Treatment Plant consists of 3,200 photo-voltaic panels mounted on the ground and on roofs in various locations throughout the 18-acre site. The project is rated at 700 kW DC power and will produce approximately 850,000 kWh of electricity per year.

Metro Energy Solutions is an independent energy services and energy consulting company headquartered in West Caldwell, New Jersey. Metro Energy Solutions specializes in assisting private and public sector clients in designing, installing and retrofitting mechanical and electrical equipment, including renewable technologies, and implementing process improvements that use less energy and improve building comfort while at the same time lowering the facility's operating and maintenance costs.

Project: Solar Energy System

Project Cost: \$4.6 million

kW Saved: 700 kW/yr

kWh Saved: 862,784 kWh/yr

Annual Energy Cost Savings:
\$125,404

Utility Incentive: \$1.46 million
energy grant from the NJ Clean
Energy Program.

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