

## METRO ENERGY SOLUTIONS

### County of Bergen (NJ)

The Bergen County Energy Conservation initiative – “Rebuild Bergen County” began in 2000. Metro Energy is the energy consultant to Bergen County and has overseen the implementation of the Rebuild Bergen County Energy Conservation Initiative since its inception. The action plan that was prepared by Metro Energy was designed to address the County’s energy needs in phases.

**Phase I** – The County of Bergen installed energy efficient lighting, HVAC, Motors and controls in all of the county owned facilities. Metro Energy provided the design and construction management for the energy conservation measures that were installed.

**Phase II** – The second phase was to avail Metro Energy’s services to the 70 municipalities and equally as many school districts in Bergen County. Metro Energy performed energy assessments for the public entities. Municipalities and schools that implemented the energy conservation measures included; City of Hackensack, Borough of Glen Rock, Borough of Oradell, Borough of Woodcliff Lake, Hackensack Board of Education, Englewood Schools and the Upper Saddle River School District.

**Phase III** - Metro Energy oversaw a photovoltaic initiative and had five municipalities and schools along with NWBCUA and Upper Saddle River BOE agree to participate and install a photovoltaic power system at their respective sites.

Other projects that have been implemented include; a cogeneration plant at the Bergen County Utilities Authority that is using the digester gas as the primary fuel. Metro Energy managed the installation of energy efficient mechanical and electrical equipment at the Bergen Regional Medical Center and a cogeneration plant at the Bergen County Correctional Facility that is supplying electric and thermal energy to the prison.

In recognition of the Bergen County Initiative, Metro Energy Solutions was awarded the United States Department of Energy – Rebuild America Energy Champions – Local Government Partnership of the Year Award. This community partnership was recognized for its accomplishments in saving energy in local government facilities. The County of Bergen is currently saving more than \$2,000,000 per year on energy costs.

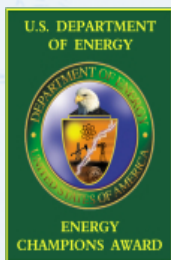


**Project:** Energy Efficient Mechanical and Electrical Equipment, Cogeneration and Solar

**Project Cost:** \$10 million

**Energy Savings:** \$2 million

**Utility Incentive:** \$12 million



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