



Resourcing the world

Energy Efficiency Projects Implementation Contractor

The Challenge

The New York Power Authority (NYPA) sought to obtain Independent Contractor (IC) services to implement energy efficiency projects at the facilities of NYPA electricity customers in New York City and Westchester County. NYPA is the largest state-public power organization in the United States, operating 17 generating facilities and more than 1,400 circuit-miles of transmission lines.

This initiative supported NYPA's energy efficiency work to help achieve New York State's ambitious "45 by 15" initiative to both reduce electricity use by 15 percent below 2015 forecasts, and increase the proportion of renewable generation to 30 percent of electricity demand by that year.

Veolia's Solution

Under a multi-year contract, Veolia has conducted energy audits for NYPA customers that ranged from large public institutions to small facilities, including Grand Central Terminal, The Metropolitan Museum of Art, NY Public Library, The Bronx Zoo and 17 others.

Through these audits, Veolia has provided recommendations and has been responsible for the designing of energy-efficiency projects, putting them out to bid, and reviewing and selecting bidders. This has been done in collaboration with the Power Authority and the NYPA customers whose facilities are benefiting from the energy audits.

Recommended improvements included steam system repairs, chiller replacements, air handler commissioning, lighting upgrades, energy management and metering improvements and other ECMs that, when implemented, are estimated to yield over \$3M in annual energy bill savings.

Benefits and Value Created

A leader in promoting energy efficiency, developing alternative energy sources and advancing clean transportation initiatives, NYPA's award-winning energy efficiency programs have contributed to helping make New York State a leader in energy savings. NYPA has undertaken energy efficiency and clean energy projects at more than 3,900 public facilities Statewide, saving New York taxpayers over \$134 million a year and avoiding nearly 820,000 tons of greenhouse gasses annually, which translates into the equivalent of avoiding the use of more than 2.5 million barrels of oil a year.

\$3 million/year estimated savings

20+ project sites

Location: New York, NY



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