

New York-Presbyterian Hospital Greater New York Metropolitan Area



New York-Presbyterian Hospital Partners with NYSERDA

Background

With the merger of New York Hospital and Presbyterian Hospital in 1998, the New York-Presbyterian Hospital was formed and became the core of an extensive healthcare network that includes 32 hospitals, six long-term facilities, 12 home healthcare agencies, three specialty institutes, 97 ambulatory care centers, and other support buildings. The merger had several goals including improved healthcare, enhanced clinical services, and lower costs for services through improved efficiencies - all of which benefit the greater New York metropolitan area as well as areas of Connecticut and New Jersey.

Realizing the benefits of improved efficiency, hospital officials contacted the New York State Energy Research and Development Authority (NYSERDA) to improve energy efficiency at several of its facilities. As a result, New York-Presbyterian Hospital has taken part in several NYSERDA programs:

- ✓ Technical Assistance
- ✓ New Construction
- ✓ Commercial/Industrial Performance Program
- ✓ Peak-Load Reduction
- ✓ Smart Equipment Choices

Recommendations

New York-Presbyterian Hospital contracted with six energy service providers, Consolidated Edison Solutions, Luthin Associates, Norgen Consulting Group, Inc., Syska Hennessey Group, Saratoga Associates, and WM Group Engineers, P.C. The companies provided energy feasibility studies, rate analysis and aggregation studies, and assisted the hospital in implementing recommendations from these studies. Recommendations adopted at various hospital facilities include: energy-efficient equipment such as LED exit signs; energy-efficient motors, transformers, pumps and lighting; variable-volume air conditioning systems and new HVAC systems; variable speed drives; and participation in Demand Response programs.

The Hospital has participated in 18 projects with NYSERDA, and New York-Presbyterian officials are evaluating seven others, including two combined heat and power projects.

Incentives and Results

NYSERDA has provided more than **\$1.8 million** in program incentives to the New York-Presbyterian Hospital for energy efficiency studies, energy-rate analysis, and the implementation of energy efficiency measures. These measures result in annual savings of approximately 7.5 million kWh, 2,600 kW, and cost savings of \$1 million. Total energy savings resulting from New York-Presbyterian Hospital's partnership with NYSERDA, and future implementation of energy saving recommendations could result in annual savings of more than 137 million kWh and \$8 million.



NYSERDA

For more information about these services,
contact NYSERDA toll free 1-866-NYSERDA, locally (518) 862-1090,
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