

New York-Presbyterian Hospital

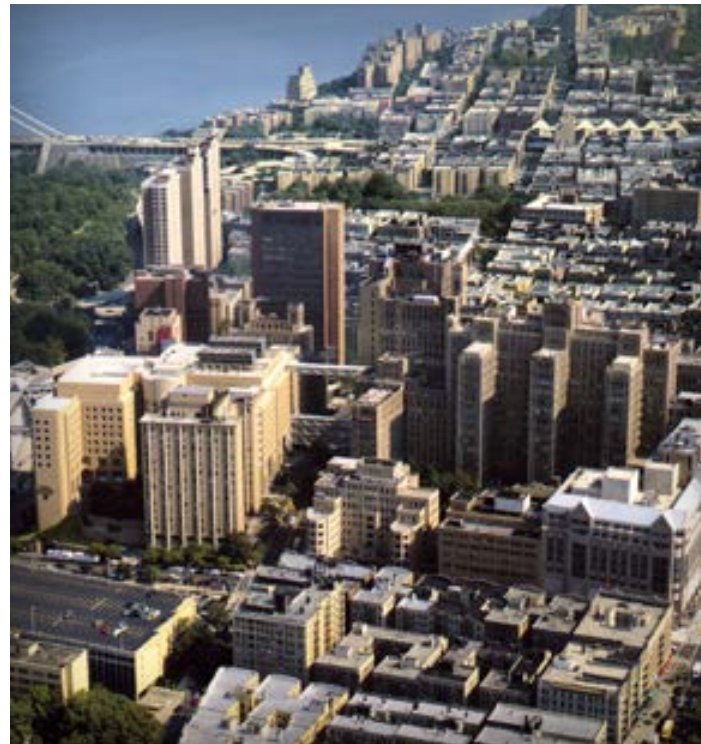
Greater New York Metropolitan Area

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 energy-efficiency programs including:

- FlexTech
- New Construction
- Existing Facilities



Recommendations

New York-Presbyterian Hospital contracted with 10 energy service providers: Horizon Engineering Associates LLP, EME Consulting Engineering Group LLC, AKF Group LLC, ARUP Engineers, 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, retro-commissioning, compressed air survey, steam and condensate analysis, cogeneration demonstration and aggregation studies, and assisted the hospital in implementing recommendations from these studies. Recommendations adopted at various hospital facilities include: energy-efficient, variable-speed motor, transformer, pump and lighting systems; variable-volume air conditioning and new HVAC systems; and participation in Demand Response programs. NYSERDA has participated with the hospital on 24 projects, and follow-up efforts from both parties assure more to come.

Results

NYSERDA has provided support to the New York-Presbyterian Hospital for energy-efficiency studies, energy-rate analysis, and the implementation of energy-efficiency measures between 2009 and 2010. These projects resulted in over \$4 million and 50 million kWh annual savings from the New York-Presbyterian Hospital partnership with NYSERDA.



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