



## St. Peter's Hospital

Albany, Albany County

### BACKGROUND

St. Peter's Hospital is a 615,000 square foot, 450-bed acute care facility in Albany, Albany County. The Hospital owns and operates two other facilities on the same campus. These are the Professional Office Building, a three-story, 50,000 square foot facility housing 16 separate medical suites, and the Villa Mary Immaculate, a 160-bed nursing home.

St. Peter's worked with the New York State Energy Research and Development Authority (NYSERDA), Novus Engineering, and Atlantic Energy Services to identify and implement various energy efficiency measures through the **New York Energy Smart<sup>SM</sup>** FlexTech Program and Commercial/Industrial Performance Program.

### RECOMMENDATIONS

The recommended energy efficiency measures included:

- Optimization and installation of variable speed drives in air handling units and associated exhaust fans that serve non-patient areas. This improves control of the air handling units and fans using the existing energy management system.
- The installation of variable speed drives to better control roof-top units associated with the building's water-source heat pump system.
- Electronic ballasts, occupancy sensors, and lighting retrofits throughout the hospital to replace old, inefficient fixtures.

### INCENTIVES AND RESULTS

NYSERDA provided an **\$86,127** incentive to implement the recommended measures which resulted in:

- Annual energy cost savings of \$59,132
- Annual kWh savings of 634,024

With NYSERDA's incentive, St. Peter's will realize a simple payback in 3.7 years.

### NEW YORK ENERGY \$MART<sup>SM</sup>

All **New York Energy Smart<sup>SM</sup>** programs are funded by a System Benefits Charge (SBC) paid by electric distribution customers of Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric. NYSERDA, a public benefit corporation established by law in 1975, administers SBC funds and programs under an agreement with the Public Service Commission.

**New York Energy Smart<sup>SM</sup>** programs are designed to lower electricity costs by encouraging energy efficiency as the State's electric utilities move to competition. The programs are available to electric distribution customers (residential, commercial, institutional, and industrial) who pay into the SBC.

*"This project gave us the ability to invest and make upgrades in our physical plant while not having to compete against other hospital capital projects and/or equipment. This study and project vehicle, as assisted by NYSERDA, gave us the wherewithal to make this a reality."*

– Donald J. McLaughlin Jr., P.E.  
Director  
Facilities Management



For more information about these services, contact NYSERDA  
toll free 1-866-NYSERDA, locally (518) 862-1090,  
or e-mail: [info@nyserdera.org](mailto:info@nyserdera.org)  
[www.nyserdera.org](http://www.nyserdera.org)

