

Albany Molecular Research, Inc.



“One of the greatest challenges of this project was choosing the most cost-effective building technology alternatives. NYSERDA’s technical assistance support really made a difference.”

- David M. Coon
Albany Molecular
Research, Inc.

Central New York Pharmaceutical Company Renovates with Energy-Efficiency Improvements

North Syracuse, Onondaga County

Background

Albany Molecular Research, Inc., a pharmaceutical research company with offices in Albany and Onondaga counties, turned to the New York State Energy Research and Development Authority (NYSERDA) when considering energy-efficiency renovations at its 28,500 square foot building in North Syracuse. The goal of the company was to transform the existing structure into a state-of-the-art pharmaceutical research facility.

Recommendations

Albany Molecular Research applied for and was provided assistance under NYSEDA’s **New York Energy SmartSM** New Construction Program. As a result of this incentive, a technical assistance study was provided by Science Applications International Corporation (SAIC). The study recommended the following energy saving measures, and also evaluated the energy savings associated with the installation of these measures:

- Variable air-volume exhaust and supply
- Run-around heat recovery coils
- Primary/secondary hot-water pumping

Financial Incentives and Results

NYSERDA provided an incentive offer of **\$400,000** to Albany Molecular Research to offset a portion of the incremental cost of these selected improvements.

Albany Molecular Research, Inc. also received assistance from NYSERDA to commission these systems to ensure proper operation at design specifications.

The energy-efficiency improvements result in:

- Reduced energy costs by \$116,890 per year
- An annual energy savings of approximately 1,168,895 kWh
- 1.8 year payback for the recommended measures

New York Energy SmartSM

All **New York Energy SmartSM** 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 SmartSM 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.



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toll free 1-866-NYSERDA, locally (518) 862-1090,
or e-mail: info@nyserda.org
www.nyserda.org

