

Erie County Family Court House



“NYSERDA funds and technical assistance made the Erie County Family Court House a successful project for all involved. As project architect, my first experience with NYSERDA was extremely positive.”

- Michael E. Vaughn, R.A.
Foit-Albert Associates

Implementation of High-Efficiency Measures Erie County Family Court House

Buffalo, Erie County

Background

Erie County is constructing a new court house in the heart of downtown Buffalo. The \$35million project will result in a seven-story building to help meet the growing needs of the family court. To offset the costs associated with this effort, Erie County worked with NYSERDA, through its **New York Energy SmartSM** New Construction Program, to identify energy-saving measures.

An energy analysis was conducted by NYSERDA, in conjunction with the design team Foit-Albert Associates.

Recommendations

The energy analysis showed that the Erie County Family Court House was eligible for the following electrical energy-saving measures:

- Energy-efficiency lighting
- Adjustable-speed drives on VAV system building fans
- Adjustable-speed drives on cooling-tower fans
- Advanced energy-management system

Incentives and Results

NYSERDA's incentive of **\$104,378** for installation of these measures results in:

- An estimated annual energy reduction of 352,413 kWh
- 127 kW summer-demand reduction
- Approximately \$38,764 in energy savings will be realized annually
- Payback of 3.3 years

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.



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