

# Erie County Family Court House

Buffalo, NY

## Background

Erie County is constructing a new court house in the heart of downtown Buffalo. The \$35 million 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 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



***“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*

To find out how you can reduce your energy consumption and costs, visit [NYSERDA.NY.GOV](http://NYSERDA.NY.GOV).