

West Seneca Central School District



West Seneca CSD

West Seneca, Erie County

Background

The West Seneca Central School District, located in Erie County, contains a total of 12 schools educating more than 7,600 students. The West Seneca Central School District, in partnership with the New York State Energy Research and Development Authority (NYSERDA) and Siemens Building Technologies, Inc., undertook an energy conservation audit that encompassed school buildings and the district bus garage.

Recommendations

Although each building had different upgrades implemented, the energy-efficient measures recommended by Siemens included:

- Lighting retrofits (T-8 lamps)
- Energy management systems
- High-efficiency motors
- Boiler replacement and
- Installation of thermal glazing on windows

Incentive and Results

Implementation of the recommendations resulted in:

- \$135,332 in annual electric savings
- \$94,959 in annual natural gas savings
- Annual reduction of over 1.2 million kWh
- Annual reduction of over 150,000 ccf in natural gas

Total project cost was \$4,109,199 with NYSERDA providing **\$198,513** in financial incentives. The incentive was funded through the **New York Energy SmartSM** Commercial and Industrial Performance Program (CIPP) to reduce the cost of energy-efficiency upgrades. Under CIPP, financial incentives provided by NYSERDA go directly to energy service companies, such as Siemens, to help lower the overall project cost and to help promote the development of the energy service company sector of the State's economy.

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.

"We are pleased to have created a partnership with NYSERDA that provided the financial incentives through energy and operating cost-savings improvements. This allowed West Seneca Central School District to upgrade its aging facilities and at the same time save the taxpayers dollars with guaranteed results from Siemens."

– Patrick W. McParlane
General Manager
Siemens and WSCSD alumnus



"The school board and district staff spend many untold hours searching for opportunities to operate a quality school system in the most cost effective manner possible. The more than \$230,000 savings to the West Seneca Central School District and the West Seneca community will help us attain that objective."

– James K. Brotz Superintendent of Schools



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

