

Education

North Syracuse Central School District

North Syracuse, NY

Project Cost: \$9.4 million

Annual Cost Savings: \$440,000

Facility Description: One high school comprised of 275,000 square feet and 10 additional schools totaling another 967,649 square feet

Contract Term: One 10-year and one 18-year ESPC



“The intent of this partnership was to have NORESKO assist the District in reducing our energy costs and improving the learning environment. This would allow the District to focus on its primary mission...Education. To date, we are on track to accomplish these goals...”

Wayne Bleau
Assistant Superintendent for Management
North Syracuse Central School District

North Syracuse Central School District has developed two separate Energy Saving Performance Contracts with NORESKO. These contracts guaranteed the District energy savings of more than \$400,000 per year – without an initial capital investment and at no cost to the taxpayers.

Work at the District was completed in two phases. The first phase involved a detailed energy audit and subsequent

implementation of energy conservation measures at the high school from the summer of 1997 to the summer of 1998. The second phase included the audit of 10 additional schools and 3 District office facilities and installation of a variety of energy conservation measures completed during the year 2000. NORESKO was responsible for project development and construction management as well as operation and maintenance and arrangement of tax-exempt municipal lease financing for the entire project.

Phase I energy conservation measures implemented at the Cicero-North Syracuse High School included:

- Converting from electric to gas heat
- Installing variable frequency drives
- Improving the energy management system
- Upgrading the heating, ventilating, and air conditioning system
- Replacing electric hot water heaters with gas-fired hot water heaters
- Retrofitting entryway curtain walls, doors and windows with insulated panels and thermal-pane glass

Phase II energy conservation measures included:

- Installing energy efficient lighting
- Replacing standard efficiency fan motors with premium efficiency motors
- Replacing electric appliances used for food preparation with new gas-fired units
- Installing new energy efficient boilers
- Installing programmable thermostats
- Installing energy efficient windows and doors

“...In short, I want to thank you and NORESKO for living up to the publicly proclaimed standards that stood out to the North Syracuse Central School District during the selection process.”

Wayne Bleau
Assistant Superintendent for Management
North Syracuse Central School District

NORESKO is the nation's most experienced energy service company providing comprehensive and proven energy-efficiency solutions and infrastructure development and operations strategies to a wide range of customers. A recognized industry leader installing and operating over \$1.4 billion of proven energy solutions in diverse markets across the nation, NORESKO has built on-site energy infrastructure generating more than 300 megawatts of power, and has helped customers improve energy efficiency saving over 31 billion-kilowatt hours of electricity and 71 trillion Btus of fuel.



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