

# KILOWATCH

## Case Study



MISSION ACCOMPLISHED

## Syracuse City School District

Syracuse, NY 2015-16 School Year

Our award-winning partnership with the Syracuse City School District (SCSD), has yielded significant energy savings while creating opportunities for student leadership. 6% savings was achieved with some schools saving over 10%. Following the KiloWatch Action Steps, SCSD students have become experts in how their buildings use energy. They have educated their peers and teachers on ways to conserve, monitored energy-related behaviors and tracked energy consumption in their buildings. The program which provides hands-on STEM learning opportunities, was covered by WSYR Channel 9 as part of their School Buzz series and was recognized with a Sustaining Our Community award by Greening USA.

*Students and staff reduced electricity use by 6%...but more importantly, these students became leaders.*

## How They Did It

The SCSD community enthusiastically embraced KiloWatch and has been actively implementing the program for several years. Their activities have included:

- High-energy kickoff assembly programs to promote commitment to energy saving practices
- Regular monitoring and analysis of energy-related behaviors by KiloWatch students
- Monthly reading of utility meters and tracking energy use
- Use of the KiloWatch Data Wall to publicly display savings progress throughout the year
- Use of door hangers to provide feedback to teachers and students on their adherence to recommended actions
- De-lamping projects where students remove fluorescent tubes in rooms after determining that they are overlit

## The Stats

- Annual Electricity Savings: 6%
- Annual kWh Savings: 199,143
- Annual CO2 Reduction: 6.4 tons; like planting over 1.5 acres of trees
- Number of Included Buildings: 6
- Total Included Area: 577,890 sf
- Student Population: 3,852



**/// Energy Training Solutions has been a critical partner in making the Syracuse City School District's green program a success. They facilitate our KiloWatch Teams, leading to utility savings in our buildings while at the same time engaging our students in authentic, hands-on educational experiences where they make a difference. The staff works very well with students to facilitate great activities throughout the year. The students in this program thoroughly enjoy every part of it! ///**

Dana Corcoran, PhD, Math, Science and Technology Coordinator, Syracuse City School District



greenpathalliance.org/  
info@greenpathalliance.org/  
917-274-7167