

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! ///

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