



# EMPOWERING STUDENTS, GENERATING CHANGE

Each year, schools spend more money on energy than on textbooks, computers and supplies combined—and about 30% of that energy is wasted. The EmPowered Schools Program gives students the analytical and problem-solving skills to change the way their schools and families use energy. Through the program, students drive measurable savings and impact the world within and beyond their schools.

## EMPOWERED PRINCIPLES:

### HANDS-ON STEAM LEARNING

EmPowered students engage in STEAM curriculum, correlated to Common Core and Next Generation Science Standards. They apply that learning through hands-on activities in their schools and homes. Students learn to analyze data and develop practical solutions that lead to greater comfort, learning, and savings.

### STUDENT LEADERSHIP

Student leadership is a core component of the EmPowered Program. Students learn to build teams, identify and analyze problems, develop data-driven solutions and communicate them to peers and authority figures alike. The development of these skills impacts students' futures far beyond what they learn about energy.

### ENERGY & MONEY SAVINGS

EmPowered teams of students, teachers and facilities staff work together to cut energy costs within their school by implementing no-cost behavioral changes. On average, schools can achieve electricity savings between 5 and 15 percent.

### PATHWAYS TO GREEN CAREERS

EmPowered Schools promotes student awareness and interest in green jobs, fostering knowledge and skills for pursuing opportunities in the emerging energy economy.

### INTERACTIVE ONLINE PORTAL

The new EmPowered web platform provides access to all program content, guides activities, offers immediate feedback, and serves as a medium for communication. Schools engage in friendly competitions and learn from each other's experiences. The platform also significantly reduces costs and makes it possible to reach more schools in more regions.

"This was a great experience for us. The program got our students interested in energy and excited about leading schoolwide campaigns. They managed to save the district money and created a new sense of unity in our schools."

**John Blair**  
*Energy Specialist,  
Jackson School District*

"My classroom used to be way too bright. We took out half of light bulbs from the ceiling and now we don't waste energy and it's easier to learn."

**Isabella**  
*Beckford Charter Elementary*

"This program is preparing our students for a greener tomorrow, empowering them to become environmental stewards. Through the program, they are developing leadership skills that will serve them in all aspects of education, their careers, and life. Problem solving current world issues and innovating solutions, our students are ready and excited to change the world!"

**Kelly Stone & Michele Morey**  
*George L. Catrambone Elementary School*



**Xcel Energy**

For more information about enrolling in the EmPowered Schools program, please contact Doug Abbott at [DAbbott@ase.org](mailto:DAbbott@ase.org).



# ROAD MAP

*Empowering Students.  
Generating Change.*

Professional  
Development  
Workshop

Energy  
Basics

Energy  
Audit

Climate

Energy  
Patrol

Mid-Year  
Recharge

Environmental  
Justice

Watts &  
Water

Explore  
Renewables

Green Your  
Career

Capstone  
Project

End-of-Year  
Celebration

- Professional Development
- Action Step
- Curriculum Integration