



2015 ANNUAL REPORT

TRANSFORMING ENERGY EDUCATION

School by School, Student by Student





Mission

We facilitate students' and teachers' understanding of the science of energy and its efficient use to empower the next generation of energy consumers in Ohio.

Vision

We will distinguish ourselves as the premier energy education resource for students, educators and business partners.

Bringing Energy Education to Ohio



INVALUABLE

We Appreciate Educators

Since OEP's start in 1984, the energy education landscape and Ohio's Learning Standards have both changed dramatically. As Ohio's leading energy education experts, we provide complete, objective, comprehensive information for educators. In response to the multitude of changes in energy education, OEP:

- Empowers teachers with knowledge of energy education through curriculum and materials
- Implements programs to help educators meet Ohio's Learning Standards
- Develops grade-specific professional development with curriculum and teaching kits
- Removes barriers for teachers by providing all services at no charge
- Works with sponsors to stay current on the latest in energy efficiency

2015 AEP Ohio Energy Efficiency Champion

OEP believes teachers are our greatest resource for shaping young minds to impact Ohio's energy future. We delight in recognizing the efforts of those like Marj O'Brien, a middle school science teacher in Wheelersburg, Ohio. Marj received the 2015 AEP Ohio Energy Efficiency Champion Award for her work on the AEP Ohio e3Smart program.



Pictured left to right: Nick Akins, AEP Chairman, President and CEO; Marj O'Brien, Wheelersburg Science Teacher; Pablo Vegas, AEP Ohio President and COO.



EXCITING

Programs & Curriculum that Empower

YOUTH LEADERSHIP SUMMITS

High school students learn leadership, presentation and teamwork skills through OEP's core philosophy of "Kids Teaching Kids."

ENERGY WORKSHOPS AND FAIRS

Students are challenged to be energy leaders at school and home through a variety of hands-on activities on energy, electricity and efficiency.

YOUTH ENERGY CELEBRATION

Throughout the year, schools document their energy activities in portfolios. In May, students, teachers, and OEP partners gather to celebrate each other's achievements.



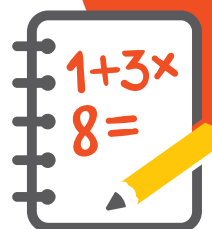
892

SCHOOLS USING
OEP PROGRAMS



47,404

STUDENTS DIRECTLY
IMPACTED



2,728

TEACHERS DIRECTLY
IMPACTED



203,650

OHIOANS DIRECTLY
IMPACTED



Impacting Future Energy Consumers

OEP works with schools, utility companies, the State of Ohio, nonprofit organizations, universities and manufacturers to change the way we think and use energy.

Our goal is to empower teachers with the information and knowledge they need to cultivate a learning experience for students that will help them to become smart energy consumers and creators in the future.



INNOVATIVE

Giving Teachers the Tools They Need

OEP believes Ohio educators are our greatest resource in transforming the next generation of energy consumers. That's why we strive to provide educational tools and excellent professional development opportunities correlated to Ohio's Learning Standards. Our programs are offered at no cost to teachers.

ENERGY SOURCES TOUR AND BLITZ

Educators explore behind-the-scenes and learn directly from energy industry professionals to offer students in-depth knowledge and genuine experiences.

GRADE LEVEL PROFESSIONAL DEVELOPMENT

OEP is continually developing new hands-on activities and resources ready for teachers to use in the classroom.

ENERGY EFFICIENCY PROFESSIONAL DEVELOPMENT

To help students grasp how important energy efficiency is to everyone's future, OEP provides teachers with award-winning curriculum, materials and training so they can equip their students to become energy leaders at home and in their community.





Helping Students Live What They Learn

One of the reasons for OEP's success is that we make it easy for students to apply classroom lessons to real life situations. Our interactive programs enable them to turn scientific understanding into efficient energy usage right here, right now. These young energy consumers can't wait to share their conservation tips with family and friends.

HOME ENERGY EFFICIENCY KITS

Students are given energy efficiency materials and the assignment to improve energy use in their own homes. Moms and dads love this! During the 2014-2015 school year, 42,569 students received energy efficiency kits.

The outcome? Potential savings on energy bills for Ohio families to the tune of \$9 million.



42,569

**STUDENTS INSTALLING
OEP ENERGY
EFFICIENCY KITS**



\$9M

**FAMILIES' UTILITY
BILL SAVINGS
POTENTIAL**



INSPIRING

Teachers

Many of the students I teach generally feel that science is too complicated and not relevant to them. As an educator, I feel it is my personal responsibility to introduce my students to a world they never knew existed. Being a part of this program and receiving materials that I would not have access to any other way not only helps me teach science but helps my students learn to LOVE it.

– **Chauntelle Craig, Science Teacher, Columbus City Schools**

Energy careers are going to be in high demand in the coming decades. OEP has made me more aware of skill sets my students need and what types of careers will be available to them in the future.

– **Aislynn Valentine, Science Teacher, Westerville South High School**

Students

OEP introduced me to the challenges that lie ahead in meeting global energy demands, and to my potential for impacting the future of the world's energy supply. As a materials engineer at a leading energy corporation, I make daily decisions that affect the operating efficiency of the plant where I work.

– **Alexandra Neeley, former OEP student leader from William H. Harrison High School**

I love teaching the younger students about energy conservation. I am not only teaching them, I am teaching myself. Being part of OEP has taught me how to be more of a leader and now I want to be a teacher.

– **Grace Frantz, senior at Lehman Catholic High School**

Utilities & Schools

OEP is the source of up-to-date energy education for Buckeye State teachers and students. American Electric Power provides Ohio educators with unique resources and experiences that deepen their understanding of the energy industry. Teachers use what they learn in the classroom and are able to share energy career insights with their students. OEP has the programs, resources and staff to make energy education come alive.

– **Nick Akins, Chairman, President and Chief Executive Officer, American Electric Power**

OEP provided lessons have been wildly successful with our students. I have even heard students chanting energy cheers as they switched from room to room. These activities, ideas and lessons have had a great deal of impact on teachers' alignment to the New Learning Standards for Science. No longer do our teachers hunt for lessons. They now have a large number to choose from. OEP's impact has also been extremely positive on our school district budget.

– **Brian Geniusz, Science Curriculum Coordinator, Worthington City Schools**

OEP Partners

AEP Ohio

AM Conservation Group, Inc.

American Electric Power

Ametek Solidstate Controls, Inc

AMP Public Power Partners

Ashland University

Boltaron Performance Products, LLC

Bowling Green State University

Bricker and Eckler LLP

Buckeye Power, Inc.

Columbia Gas of Ohio / NiSource

COSI

Dayton Power & Light

Energy Optimizers, USA

EPA/OEEF - Ohio Environmental Education Fund

Ground Level Solutions

Honda of America Mfg., Inc.

Marathon Petroleum Corporation

Martha Holden Jennings Foundation

NEED Project

Ohio Child Care Resource & Referral Association (OCCRRA)

Ohio Development Services Agency
Office of Community Assistance

Ohio Farm Bureau Federation

Ohio Oil & Gas Energy Education Program

Ohio Rural Electric Cooperatives

Ohio University

Public Utilities Commission of Ohio

Shawnee State University

Staples

The Ohio State University Office of Energy and the Environment

University of Dayton

Vectren

Westerville Electric Division

Worthington City Schools



LEADERSHIP

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Worthington City Schools

Christopher Keegan
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Belinda Kenley
Energy Optimizers, USA

Jill Kocher
Public Utilities Commission
of Ohio

Susan Moser
Ohio Development
Services Agency

Janet Rehberg
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Karen Ritchey
American Municipal Power

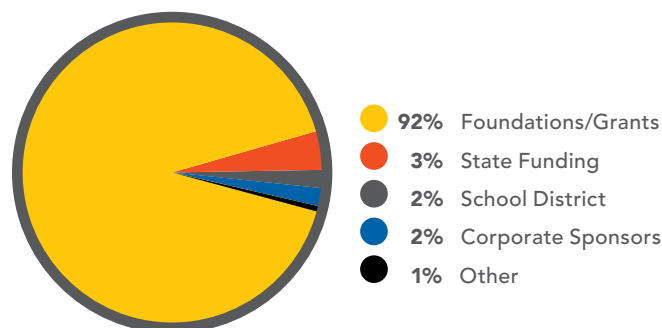
Robert Shinkle
Energy Consultant

Stjepan Vlahovich
Ground Level Solutions

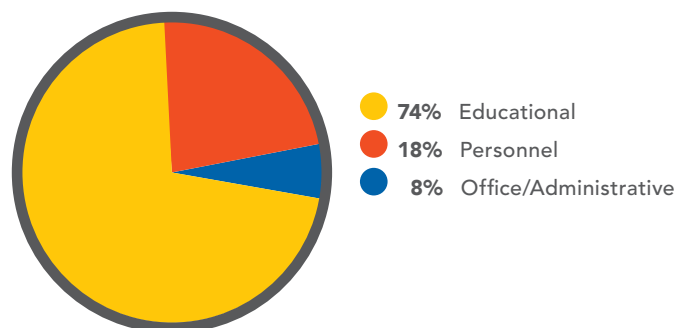
Bill Yost
US Geological Survey (Retired)

Financials

FUNDING SOURCES



FUNDING EXPENSES



OEP's fiscal year runs from July 1, 2014 to June 30, 2015

102,968

MEGAWATT HOURS
CONSERVED

153,265

LED AND CFL BULBS
DISTRIBUTED

SUCCESS

OEP-STYLE

44%

STUDENT
KNOWLEDGE
INCREASE

98%

TEACHER
EVALUATION
RATING

4,835

STUDENTS
ATTENDED EVENTS





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