



TRANSFORMING ENERGY EDUCATION

SCHOOL BY SCHOOL, STUDENT BY STUDENT



2018 ANNUAL REPORT

We spark curiosity about energy.



Our Mission

Inspire leadership and energy innovation in Ohio students and teachers.



Our Vision

To be the premier energy educator ensuring a sustainable tomorrow.



Our Values



Innovative Education



Enduring Relationships



Transformative Leadership

A MESSAGE FROM OUR DIRECTOR



Dear OEP Friends,

Happy 2019! Hope your 2018 ended well. Your generosity in 2018 helped the Ohio Energy Project (OEP) advance our vision of being “the premier energy educator for a sustainable tomorrow.” Whatever your gift, whether it was time and/or funding, your support was deeply appreciated. Our year ended with significant recognition at the Ohio Statehouse. The Ohio Association of Non-Profit Organizations (OANO) presented OEP with the Standards for Excellence® Accreditation after a rigorous process designed to help non-profits achieve the highest benchmarks of ethics and accountability in nonprofit governance. We were honored to receive this award on behalf of all the stakeholders who embrace OEP.

We are excited to present the following report, documenting the impact we made on teachers, students, and Ohioans last year. Our daily mission of “inspiring leadership and energy innovation in students and teachers” begins with teachers, who are the heart and soul of OEP. All OEP programs are provided at no charge thanks to the support of our stakeholders. This benefit allows ANY teacher to enjoy OEP’s curriculum and materials to inspire students in the classroom and, ultimately, help families be more energy aware. Our goal is to be a resource for teachers across their entire careers, which magnifies the number of students and families that will be impacted by OEP.

The journey we made with teachers in 2018 stemmed from our innovative programming, including Careers in Energy (new this year), Leadership Summits, Energy Efficiency, Energy Tour and Biltz, and much more. In May, we brought together over 400 teachers, students, and partners at the annual Youth Energy Celebration to honor excellence in leadership and energy education.

In 2019, with our board’s dedicated leadership combined with an exceptional OEP Team, we are looking forward to working with current and future stakeholders to enrich energy and science education in Ohio. Our most significant 2019 initiatives:

- Laser focus on development goals to diversify participation and funding, helping to sustain OEP for the future.
- Continued development of the Energy Efficiency Program for broader participation and increased energy savings, positively impacting the economy and the environment.
- Continued delivery of OEP programming with exceptional results.
- Refine and research the Energy Careers Program in partnership with statewide organizations.

Please continue reading to learn more about every OEP program and especially page 7 to hear directly from Ohio’s greatest resources, teachers, and students. On behalf of the entire OEP family, including staff, board members, partners, teachers, and students, we thank you for giving us the opportunity to spark curiosity about energy in Ohio.

Shauni
Executive Director



Our Work

Ohio Energy Project is committed to supporting teachers and students with innovative science curriculum, materials, and programs that spark curiosity about energy. This school year took OEP across the Buckeye State, transforming the way Ohioans think about energy with every mile.



SCHOOLS
IMPACTED:
1,249

Grade-Level Professional Development

This summer, 21 grade-specific workshops provided educators with the tailored, hands-on activities to meet Ohio Learning Standards in science and energy.

Energy Tour & Blitz

This three-day bus tour and one-and-a-half-day blitz took educators behind the scenes at energy sites across Ohio. Stops included Honda Manufacturing, AEP Conesville Power Plant, The Ohio State University, and more.



TEACHERS
IMPACTED: **2,123**



Youth Energy Celebration

This year, Ohio Energy Project celebrated an energizing year of education at the Columbus Zoo and Aquarium. A grand total of 274 students attended the event for a day of recognition, awards, and, of course, animal fun!

Careers in Energy

Nine programs at five Ohio energy sites allowed students to explore career options in the energy industry through behind-the-scenes tours and presentations. Careers highlighted in this program require a high school diploma/ GED or a two-year associate degree.

Activating and Energizing Girls in Science (AEGIS)

The AEGIS program engaged eight middle school teams in energy bike workshops, which focus on electricity and energy efficiency. These teams designed, built, and powered nine energy bicycles, learning about the mechanics and costs of energy in a highly tactile way.



STUDENTS IMPACTED:
47,801



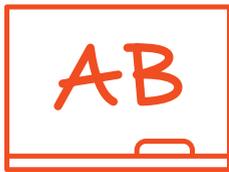
OHIOANS IMPACTED:
174,872



LED & CFL BULBS
DISTRIBUTED:
114,506

Summits & Workshops

The OEP educational philosophy of “Kids Teaching Kids” fueled 34 student-driven programs. Middle and high school students from across the state were trained on leadership and energy activities at 22 Energy Leadership Summits and, in turn, conducted 12 OEP sponsored Energy Workshops for elementary students in their communities.



STUDENT KNOWLEDGE
INCREASE:
34%



POTENTIAL MEGAWATT
HOURS CONSERVED:
22,075



POTENTIAL UTILITY
BILL SAVINGS:
\$2.6M

Energy Efficiency

At 15 regional workshops, educators prepared to explore the science of energy efficiency in the classroom through hands-on labs and activities. OEP distributed 43,515 home energy efficiency kits to participating students, allowing them to put their classroom learning to the test at home and connect science content standards with real world experiences.



Our Success

“[OEP] has changed the way I run my classroom and helped me nurture my understanding of the value of kids teaching kids.”

– Educator, Patriot Prep Academy

“OEP gave us the tools and knowledge to be successful.”

– Student, Portsmouth High School

“This program has allowed many students of mine, past and present, to realize their strengths not only in science but also in communication and teaching in general.”

– Educator, River Valley High School

“[OEP] teaches me more about science and leadership skills.”

– Student, Claymont Middle School

“OEP continually offers amazing opportunities for experiential learning and teaching resources to greatly enhance the teaching of energy content.”

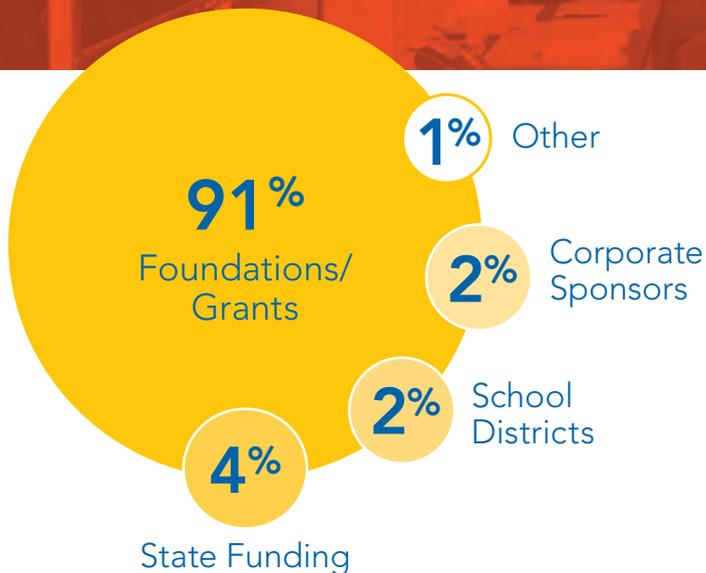
– Educator, Parma Community High School

“In addition to superb programming, Ohio Energy Project staff approach their tasks with a level of enthusiasm which is second to none. They are true professionals with tremendous passion for their work. DP&L has gladly included Ohio Energy Project among the recipients of our funding and implementers of our energy efficiency programs for the past several decades.”

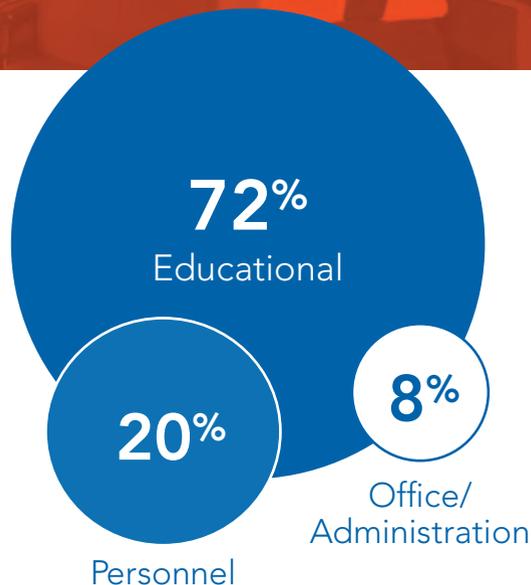
– Shelly Kramer, Dayton Power & Light

Our Business

INCOME



EXPENSES



Our Leaders

Shauni Nix
Executive Director
Ohio Energy Project

Scott Potter
President
The Ohio State University

Devin Parram
Vice President
Bricker & Eckler

Barry Schumann
Secretary
American Electric Power

TJ Faze
Treasurer
Vertiv

Jackie Bird
Governance Chair
Consultant

Dale Arnold
Trustee
Ohio Farm Bureau
Federation

Andrew Finton
Trustee
North Central Electric
Cooperative, Inc.

Jeanne Gogolski
Trustee
Education Projects

Holly Karg
Trustee
American Municipal
Power

Jill Kocher
Trustee
Public Utilities
Commission
of Ohio

Chris Monacelli
Trustee
Westerville Electric
Division

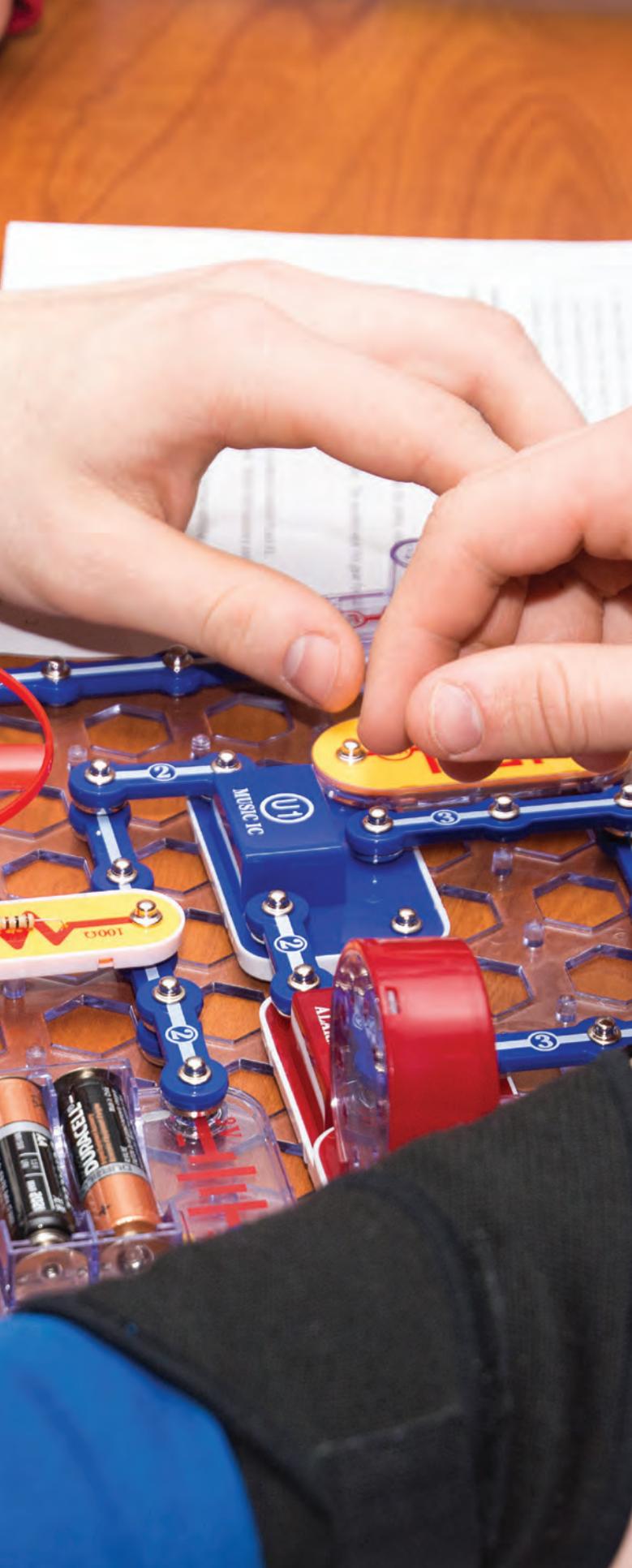
Susan Moser
Trustee
Consultant

Kelli Nowinsky
Trustee
Columbia Gas of Ohio

Janet Rehberg
Trustee
Ohio's Electric
Cooperatives

Stjepan Vlahovich
Trustee
Ground Level Solutions

Bill Yost
Trustee
Retired, United States
Geological Survey



Our Future

Ohio Energy Project envisions a future where every Ohioan is energy conscious. Below is our pathway to get us there.

Energy Learners

Grades 3 – 6

Learning about energy and its safe use and adopting a mindset of scientific curiosity and conservation.

Energy Leaders

Grades 7 – 8

Taking a leading role in energy literacy both at school and at home and sharing energy knowledge with family, friends, and classmates.

Energy Stewards

Grades 9 – 12

Furthering energy leadership at school and in the community through developing data-driven STEM projects, hosting educational workshops, and communicating the importance of energy and its efficient use to family, friends, and community members.

Energy Innovators

Grades 12+

Practicing energy conscious behaviors every day and leading the next generation in energy innovation.



THANK YOU TO OUR PARTNERS

AEP Ohio

AM Conservation Group, Inc.

American Electric Power

American Electric Power Foundation

AMP Public Power Partners

Boltaron Performance Products, LLC

Bricker and Eckler LLP

Columbia Gas of Ohio/NiSource

Dayton Power & Light

Firelands Electric Cooperative

Ground Level Solutions, Inc.

Honda of America Mfg., Inc.

Logan Electric Cooperative

Lorain Medina Electric Cooperative

Marathon Petroleum Corporation

NEED Project

North Central Electric Cooperative

Northeast Ohio Public Energy Council

Ohio Development Services Agency –
Office of Community Assistance

Ohio's Electric Cooperatives

Ohio Farm Bureau Federation

Ohio Farm Bureau Foundation

Public Utilities Commission of Ohio

South Central Power

Staples

The Ohio State University –
Office of Energy and the Environment

Vectren

Vertiv

Westerville Electric Division

Worthington City Schools

Wright State University

Join Our Team

Together, we can transform tomorrow—school by school, student by student.



Visit

Stop by one of our workshops to see our teachers and students bring energy education to life.



Partner

Join our list of corporate and education partners to make an impact in the lives of teachers and students across the Buckeye State.



Like

Follow us on Instagram (@ohioenergyproject) and Facebook to stay up to date on our latest programs and news from the comfort of your own screen.