



# OPPD Energy Education Workshop

October 22, 2024

8:30 a.m. - 3:15 p.m.

Scott Conference Center

## Energize Your Classroom!

[Register by October 15, 2024](#)

For The Attendees:

- Hands-on kits and curriculum materials
- A great day of hands-on learning and professional networking
- Breakfast and lunch
- Substitute Reimbursement

How Can You Attend?

Register Today! Don't Wait!

Go to [www.oppd.com/EnergyEd](http://www.oppd.com/EnergyEd) and complete your registration!

About The NEED Project

The NEED Project designs and delivers teacher-tested educational materials, evaluation techniques and tools, recognition of student achievement, and professional development for educators. NEED materials and training programs provide comprehensive, objective information about the scientific concepts of energy and the sources of energy – their use and their impact on the environment, the economy and society.

Questions?

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## Agenda

8:30 a.m. Check-In

9:00 a.m. Welcome and Introductions  
Review goals and objectives for the workshop and begin planning ways to use the NEED materials and training in your school.

9:30 a.m. The Science of Energy  
Learn more about the forms of energy while experimenting with the NEED Project's Science of Energy kit.

10:40 a.m. OPPD Electric Connections  
After learning about the forms of energy, discover how the different energy sources contribute to the generation of electricity locally.

11:00 a.m. Introduction to Energy Efficiency & Conservation  
How do you use energy in your daily life at school? Learn how energy is consumed and easy steps you and your students can take to reduce energy use at home and at school.

11:30 a.m. Lunch

12:00 p.m. OPPD Energy Education & Home Energy Efficiency Resources

12:15 p.m. Energy House & Energy Audit Tools  
Learn about efficiency, conservation, using the NEED Efficiency and Conservation kits to explore energy use at home and at school.

2:00 p.m. Energy Career Explorations  
Take a look at our Energy Career Excursion sampler and ways to incorporate into the classroom.

2:20 p.m. Baseload Balance  
Explore how the electric grid operates and electrical load is balanced with generation throughout the day.

2:50 p.m. Q&A, Post Assessment and Evaluations  
Evaluations and post assessment!

3:15 p.m. Adjourn