

ENERGY EDUCATION PROGRAM

OPPD, in partnership with the National Energy Education Development (NEED) Project, is excited to announce The Energy Education Program for educators in OPPD's service territory.



Classroom Presentation Opportunities

3rd – 5th Grade Classrooms

Virtual or In Person

Hands-on Activity materials provided

Free! No cost to schools

The Energy Education Program is a STEM, project-based program that combines energy workshops, hands-on activities in the classroom and curriculum aligned with the Nebraska State Standards for Science.



Windy Wonders

Where does wind come from and how do we harness it to do work? Students will learn the basics of wind energy and create their own weightlifter turbine to see how to harness the power of moving air.

- 60 minutes
- Student materials shipped: cups, straws, stirrers, thread, paper clips, straight pins, 4-blade templates, binder clips



So Into Solar

Solar energy is our most abundant energy source. Students will learn how we use energy from the sun to do work and create their own solar oven.

- 60 minutes
- Student materials shipped: pizza boxes, transparency sheet, black paper, foil, thermometers



Energy Source Exploration

Energy comes from a variety of sources. Students will create displays (physical or digital) on energy sources and present the information they've learned to their classmates and OPPD staff.

- Two 30 minute visits
- Student materials shipped: expo rubrics, expo boards, expo/infobook packets



Efficiency is Everywhere

Saving energy in our homes and schools is something all of us can do. Students will learn about energy efficiency and conservation while creating their own Energy House.

- 60 minutes
- Student materials shipped: Energy House boxes, insulation materials, hand warmers



Careers in Energy

The energy industry offers a wide variety of career options, from line workers to customer service reps to accountants. Invite an Energy Professional to your classroom to speak about their career.

Apply Here

<https://www.surveymonkey.com/r/8JX8XLJ>

Questions?

Email: ejbensalah@oppd.com