



# FREE ENERGY EDUCATION WORKSHOPS

## IN-CLASS TEACHING PARTNERS

All K-12 schools in the NHSaves utilities' service area\* can take advantage of these **FREE** New Hampshire Energy Education Project (NHEEP) workshops. A NHEEP educator will work with each teacher to embed a workshop aligned with the Next Generation Science Standards (NGSS) into their curriculum.

## HERE'S HOW IT WORKS

- 1** Before the workshop, teachers connect by phone or email with a NHEEP educator to tweak lesson plans and worksheets to suit their students.
- 2** The NHEEP educator will arrive with all materials and equipment to collaboratively run the workshop. Educators can also help with additional equipment needs and suggestions for other lessons, as well as curriculum ideas for a unit of study.

**SIGN UP AT [NHEEP.ORG](http://NHEEP.ORG) FOR THESE SELECT FREE WORKSHOPS.**

**GRADE RANGE:** K-12 teachers

**TIME COMMITMENT:** 30 minutes of collaborative prep, 90-120 minutes in class



*\*Not including towns served by municipal utilities.*

NHSaves is a collaboration of New Hampshire's electric and natural gas utilities working together to provide New Hampshire customers with information, incentives and support designed to save energy, reduce costs and protect our environment statewide. We are proud to sponsor these free NHEEP workshops and better educate young people on the importance of energy efficiency.



# WORKSHOPS OFFERED

## CONSERVATION KIDS

Students gain an understanding of what energy is and how it powers our daily lives. They will explore hands-on stations that demonstrate conservation and leave with simple strategies to save energy at home and school.

Grades K-3

## ELECTRICITY & THE ENVIRONMENT

Students learn about electricity and how it powers our world. They will explore hands-on stations that let them learn more about electrical generation and efficiency.

Grades 4-10

## HOME HEAT TRANSFER

Students explore how they can use less energy to heat their home while still keeping it at a comfortable temperature. This workshop demonstrates the concepts of thermal energy transfer and familiarizes students with different insulation materials, including the materials' roles in heat transfer and slowing heat loss.

Grades 6-12

## GREEN ENERGY CAREERS

Students investigate home electricity use and create connections between electrical usage, electrical generation and carbon dioxide emissions. They'll do a hands-on analysis of the benefits available from efficiency improvements and how those can relate to job skills and career opportunities.

Grades 10-12



***“This was one of the best content engagement days I have experienced in my 23 years as a teacher.”***

— Haverhill, NH teacher after a NHEEP student workshop

***“This workshop was so great that it inspired me to commit to making energy/sustainability and renewable energy a focus for the year.”***

— Second-grade teacher after a NHEEP student workshop



# TEACHER PROFESSIONAL DEVELOPMENT WORKSHOPS

The partners of NHSaves are offering NHEEP's **NGSS Instructional Toolkit Workshops** free to all teachers in the NHSaves utilities' service area. These full-day professional development workshops help teachers bring energy efficiency and hands-on energy learning into their classroom. The workshops feature guided discovery, hands-on inquiry explorations, deep dives into disciplinary science core ideas and best teaching practices to support NGSS. They'll leave knowing how to use NGSS-aligned materials and curricula, including NHEEP curriculum support kits, to aid their specific grade-level needs.

**GRADE RANGE:** K–12 teachers

**TIME COMMITMENT:** 1 day

**SEE ALL TRAINING DATES OR  
REQUEST A NEW DATE AT [NHEEP.ORG](http://NHEEP.ORG)**

***"This was wonderful! There were so many ideas and resources that I can take back to the classroom. I plan to utilize the kits and backwards design lessons. I loved that this was hands-on learning with so many takeaways. I was so engaged the entire time!"***

— Teacher after a custom PD workshop

## MORE WAYS TO ENGAGE YOUR STUDENTS & SCHOOL COMMUNITY



### NHSAVES EDUCATION CHALLENGE

Elevate student voice and give students an authentic audience for their work through the NHSaves Education Challenge. This K-12 student writing challenge on energy and efficiency offers grade-specific writing and literacy prompts and rubrics that are aligned with Common Core and NGSS standards. Winning entries will be selected three times a year and published through various media outlets, with prizes sent to the winning student authors.

**SEE MORE AT [NHEEP.ORG/FOR-TEACHERS/NHSAVES-EDUCATION-CHALLENGE](http://NHEEP.ORG/FOR-TEACHERS/NHSAVES-EDUCATION-CHALLENGE)**



### SCHOOL LED FUNDRAISER

Raise money for your school while helping students and their families save money at home by using more energy-efficient lighting. NHSaves' LED fundraiser starts with an entertaining and fun school-wide assembly by a NHEEP educator on energy efficient products, the benefits of saving energy, and the logistics of the fundraiser program. Students sell energy-efficient light bulbs ranging in price from \$1–\$5 and are awarded prizes based on the number of items sold. Schools keep 100% of the money collected.

**SIGN UP AT [NHEEP.ORG/FOR-TEACHERS/LED-FUNDRAISER-FOR-SCHOOLS](http://NHEEP.ORG/FOR-TEACHERS/LED-FUNDRAISER-FOR-SCHOOLS)**





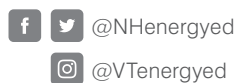
NHSaves c/o NHEEP  
79 River Street, Suite 303  
Montpelier, VT 05602



## ABOUT THE NEW HAMPSHIRE ENERGY EDUCATION PROJECT

**NHEEP's mission** is to build a deep understanding of energy through education, encouraging choices that result in sustainability in our communities, economy and environment.

**NHEEP** is a new organization supporting energy education in New Hampshire since 2016, but its parent organization, the Vermont Energy Education Program, has been doing this work in Vermont since 1979.



NHSaves is powered by Eversource, Liberty Utilities, New Hampshire Electric Co-op and Unitil to help keep New Hampshire's residents, businesses and towns economically successful, now and in the future.

Go to **NHSaves.com** for great information, incentives and resources to help you save time, money and energy as part of your daily routine and business practices.

