



Connecticut Energy Education Summer Institute

You are invited to the *eesmarts*™ Summer Institute for Teachers. Teachers may choose to attend both days or one day. Agendas have been designed to cover forms of energy, sources of energy, natural gas, electricity, climate change, energy efficiency and energy careers. Join us for an engaging summer experience.

Who Should Attend:

- 3rd to 12th grade science educators
- CTE educators
- Afterschool program leaders

For the Attendees:

- NEED Science of Energy kit
- Choice of a NEED Energy Management kit
- \$150 Stipend per day
- NGSS aligned curriculum

Workshop presented in partnership with:



Dates and Location:

[August 11, 2025](#)

[Hilton Garden Inn Wallingford/Meriden](#)
[1181 Barnes Road](#)
[Wallingford, CT 06492](#)
[8:30 a.m. to 3:00 p.m.](#)

[August 12, 2025](#)

[Hilton Garden Inn Wallingford/Meriden](#)
[1181 Barnes Road](#)
[Wallingford, CT 06492](#)
[8:30 a.m. to 3:30 p.m.](#)

How Can You Attend?

Register today! Click on the date to register now.

Questions:

Contact Wendi Moss at moss@need.org or call 1-800-875-5029.

BROUGHT TO YOU BY

EVERSOURCE



PROUD SPONSORS OF



Connecticut Energy Education Summer Institute

August 11, 2025

Hilton Garden Inn Wallingford,/Meriden

1181 Barnes Road

Wallingford, CT 06492

Agenda

8:30 a.m. Welcome and Introductions

Meet your fellow participants and the sponsors of today's workshop. Review goals and objectives for the workshop and begin planning ways to use the NEED materials and training in your school. Take a short pre-assessment.

9:00 a.m. The Science of Energy

Learn more about the forms of energy while experimenting with the NEED Project's Science of Energy kit. Kits will be provided to participating educators.

10:30 a.m. Forms and Sources: Connecticut Electric and Energy Connections

After learning about the forms of energy, discover how the different energy sources contribute to the generation of electricity in Connecticut. Check out the Connecticut numbers for all energy used.

11:00 a.m. Candy Collector

11:30 a.m. Lunch

12:15 p.m. Introduction to Renewables

Take a look and explore hands-on solar, hydropower, and wind activities

- PV Panel Exploration and UV Beads
- Penstock and Volume Activity
- Wind Can Do Work

2:00 p.m. Energy Career Explorations

Take a look at our Energy Career Excursion sampler and ways to incorporate into the classroom. Play a round of *Energy Guess Who* and *Energy Careers Round Up*.

2:30 p.m. Pretzel Power

This activity will help with the understanding of energy efficiency of different kinds of transportation and list the benefits of carpooling.

2:45 p.m. Q&A, Post Assessment and Evaluations

Evaluations and post assessment!

3:00 p.m. Adjourn

BROUGHT TO YOU BY

EVERSOURCE



PROUD SPONSORS OF



Energize Connecticut – programs funded by a charge on customer energy bills.

Connecticut Energy Education Summer Institute

August 12, 2025

Hilton Garden Inn Wallingford,/Meriden

1181 Barnes Road

Wallingford, CT 06492

Agenda

8:30 a.m. Welcome and Introductions

Meet your fellow participants and the sponsors of today's workshop. Review goals and objectives for the workshop and begin planning ways to use the NEED materials and training in your school. Take a short pre-assessment.

9:00 a.m. The Science of Energy

Learn more about the forms of energy while experimenting with the NEED Project's Science of Energy kit. Kits will be provided to participating educators.

10:30 a.m. Energy Round Up

This activity will introduce teachers to the leading sources of energy.

11:00 a.m. Sidekick Circuits

This activity will show a fun way to learn about simple and parallel circuits

11:30 a.m. Lunch

12:15 p.m. Baseload Balance

This activity will help students learn about power generation and transmission.

12:45 p.m. Energy Efficiency and Conservation

Learn about efficiency, conservation, and exploring energy use at home and at school with an introduction to the tools provided in the NEED Efficiency and Conservation kits. Build and Energy House.

2:15 p.m. Climate Web Game

2:45 p.m. Q&A, Post Assessment and Evaluations

Evaluations and post assessment!

3:00 p.m. Adjourn

BROUGHT TO YOU BY

EVERSOURCE



PROUD SPONSORS OF



Energize Connecticut – programs funded by a charge on customer energy bills.