



Clean Energy EDUCATION PROGRAM

ABOUT THE NATIONAL ENERGY EDUCATION 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.

ABOUT NC GREENPOWER

Headquartered in Raleigh, NC GreenPower is a 501(c)(3) nonprofit improving our state's environment by supporting renewable energy, carbon offset projects and providing grants for solar installations at K-12 schools.

ENERGY WORKSHOP FOR TEACHERS

Mark Your Calendars!

Date and Location

October 9, 2024

Raleigh, NC 27695

For Attendees

- Hands-on kits and curriculum materials
- A great day of learning and professional networking
- Breakfast and lunch
- Substitute reimbursement
- Travel stipend for participants traveling from outside the Raleigh area

How Can You Attend?

Register Today! Don't Wait!

Program schools will be provided a link to attend.

Interested in joining the program? Visit

<https://www.ncgreenpower.org/clean-energy-education-program> to apply.

Questions

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



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October 9, 2024

NC GreenPower Workshop Series

Raleigh, NC 27695

Workshop 1 – Agenda

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- 7:45 a.m.** **Registration, Breakfast & Introductory Paperwork**
Sign in, get some breakfast, meet friends and get ready for a fun day!
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- 8:00 a.m.** **Welcome & Program Introduction**
Welcome from NC GreenPower and NEED, learn more about the program and program requirements, and join in a fun, get-to-know-you game of energy bingo.
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- 8:30 a.m.** **The Science of Energy**
Set the foundation for your energy unit by exploring what energy is through hands-on energy transformations stations. You will receive a Science of Energy Kit for your school.
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- 10:00 a.m.** **Introduction to Energy Sources**
Energy Round Up, Candy Collector, & Forms and Sources of Energy
Learn about our 10 energy sources, the difference between renewable and nonrenewable resources, and how we use them nationally.
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- 11:00 a.m.** **Energy Source Night LIVE!**
Live from North Carolina, it's Energy Source LIVE! Delve deeper into each energy source by selecting and participating in these interdisciplinary skits, songs, displays or plays!
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- 11:45 a.m.** **Lunch & Networking**
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- 12:30 p.m.** **Performances of Energy Source Night Live**
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- 1:15 p.m.** **Energy Carnival & Energy Fair**
Learn more about the community outreach portion of the program and explore some of the content in the Energy Fair Box. Play a few carnival games to see them firsthand.
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- 2:00 p.m.** **Introduction to NC Energy Picture & Electricity Generation**
How does NC compare to the U.S. for energy consumption? Learn how each source contributes to electricity generation in the U.S. and NC through Electric Connections.
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- 2:45 p.m.** **Next Steps, Planning & Networking**
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- 3:15 p.m.** **End-of-Day Paperwork**
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- 3:30 p.m.** **Adjourn**
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