



STATE OF RHODE ISLAND
**ENERGY EFFICIENCY &
RESOURCE MANAGEMENT COUNCIL**

CONSULTANT TEAM



STATE OF RHODE ISLAND
**OFFICE OF
ENERGY RESOURCES**

EERMC Education Activities Update

EERMC Consultant Team
April 20, 2023



Outline

Energy Expo at the RI Home Show

“Energy Explained RI” Video Series

K-12 Educator Training

EERMC Public Forum

Energy Lecture Series



Energy Expo at the RI Home Show



- 30+ energy-related exhibitors
- State agencies & nonprofits
 - RIE, OER, LIHEAP, RIDOH, GHHI, GECA, Audubon Society
- Student-Built Zero-Energy Home Demo
 - Electric appliances, smart controls, solar panels, battery storage, electric vehicle, etc.
- Energy Seminar
 - *“Lose the Furnace and Stay Warm”*
Dr. Stephen Porder, Brown University
- Energy Expo video
 - Featuring Sue AnderBois – coming soon!



“Energy Explained RI” Video Series



“Understanding Your Electric Bill and How to Lower It”
(41 Views)



“Using Demand Response for Clean, Affordable Power”
(26 Views)



“Lowering Your Energy Bills with Energy Efficiency”
(21 Views)



“Transitioning to All Electric Everything”
(54 Views)



“Changing the Way We Use Energy”
(16 Views)

Click on any video to watch!



Energy Training for K-12 Educators



ABOUT MEETINGS EFFICIENCY PROGRAMS **EVENTS & EDUCATION** RESOURCES

K-12 Educator Training



THE FUTURE OF ENERGY: An Educator's Toolkit

The RI Energy Efficiency and Resource Management Council has partnered with GBRI to provide FREE energy efficiency training for educators in Rhode Island.

These 3-hour continuing education workshops are based on a K-12 curriculum developed by the National Energy Education Development (NEED) Project for Rhode Island. This program is designed to help educators teach and engage students on important topics including energy efficiency, renewable energy, climate science, and energy equity.



Section 1

What is Energy?



Section 2

Why Do We Need Energy?



Section 3

Who Is Affected & What Are the Current Complications of Energy Production and Use.



Section 4

Where Can the Impacts of Current Energy Production Methods Be Seen



Section 5

How Can We Improve Energy Production and Usage.

ABOUT THE CURRICULUM

The "Energy, Climate, and You" curriculum was developed for Rhode Island teachers and students by The National Energy Education Development (NEED) Project in partnership with the Rhode Island Energy Efficiency and Resource Management Council, the Rhode Island Department of Health Climate Change Program. This multidisciplinary unit introduces students to energy consumption, energy efficiency, conservation and energy burden in Rhode Island, and how energy use can impact the climate and the health of Rhode Islanders. Hands-on materials can be purchased by contacting NEED.

FALL 2022 WORKSHOPS - ALL VIRTUAL

- Thursday, November 17th - 2:00 - 5:00 PM ET
- Thursday, November 17th - 6:00 - 9:00 PM ET
- Saturday, November 19th - 10:00 AM - 1:00 PM ET
- Saturday, November 19th - 2:00 - 5:00 PM ET
- Wednesday, December 7th - 6:00 - 9:00 PM ET
- On-Demand - Access the self-guided course at your convenience!

[Click Here to Learn More & Register!](#)

2020 & 2021 – NEED curriculum & workshops

- Energy efficiency, renewable energy, climate science, energy equity, etc.
- Targets multiple grade levels

2022 – GBRI educator toolkit & workshops

- Teaching materials adapted from NEED curriculum
- Modifiable PowerPoint presentations
- Short videos to show in class
- 10 free CE workshops - 300+ participants

2023 – Initiating RFP process

- EdComm considering lessons learned to inform new RFP with updated scope



EERMC Annual Public Forum

RISING TO THE CHALLENGE:
A Turning Point for Rhode Island's Energy Future

Tuesday, April 19th
1:00-2:30pm



Keynote: National Perspective
Whitney Muse
Chief of Staff, Office of Electricity
U.S. Dept. of Energy

As we navigate into a new era of tackling the complex issues surrounding energy and climate change, Rhode Island is poised for action through bold decision-making and coordinated efforts. This virtual public forum will bring together expert panelists in a variety of roles to discuss the future of our energy landscape - from state goals to regional collaboration and national leadership.

[Click here to learn more & register](#)

Panel #1: Regional Perspective
THE CRITICAL ROLE OF CROSS-STATE COOPERATION FOR NEW ENGLAND'S ENERGY FUTURE



June Tierney, Commissioner
VT Department of Public Service



Eric Johnson, Director, External Affairs
ISO New England

Panel #2: State Perspective
IMPLEMENTING RHODE ISLAND'S AMBITIOUS 2021 ACT ON CLIMATE LAW



Senator Dawn Euer, RI Senate
Chair, Senate Committee on Environment & Agriculture



Representative Lauren Carson, RI House of Representatives
Member, House Environment & Natural Resources Committee



NJ Unaka, PhD, Architect & Civil Engineer
Pencil Box Architects, Inc.



Carrie Gill, PhD, Chief Economic & Policy Analyst
RI Office of Energy Resources

April 2022 *(Duffy & Shanley)*

- Keynote: Whitney Muse, U.S. Dept. of Energy
- Panel #1: The Critical Role of Cross-State Cooperation for New England's Energy Future
- Panel #2: Implementing Rhode Island's Ambitious Act on Climate Law
- 70 participants; 18 additional views

2023 Planning Underway *(URI Cooperative Extension)*

- Advance the work of the Equity Working Group and non-participant studies
- Move recommendations to implementation at the community level



Energy Lecture Series



ABOUT MEETINGS EFFICIENCY PROGRAMS EVENTS & EDUCATION RESOURCES

Energy Lecture Series

2021-22 EERMC ENERGY LECTURE SERIES

The EERMC Energy Lecture Series is designed to promote public understanding and stakeholder dialog around key energy efficiency issues relevant to Rhode Islanders today. This series features local leaders and covers an array of topics – from tips on how to lower your energy bills at home, to innovative solutions from the Rhode Island business community, to training our workforce amidst a rapidly changing energy landscape.



Lecture #1 – Show Me the Money: How to Save on Your Utility Bills through Energy Efficiency

October 28, 2021

The first installment of the 2021 EERMC Energy Lecture Series focuses on energy efficiency best practices for the residential sector, featuring insight from RISE Engineering's Brian Kearney and the EERMC's Karen Verrengia. As home heating costs are expected to spike this winter, Rhode Islanders are looking for ways to cut costs on their utility bills. The good news: there are several simple steps you can take right now to increase your energy efficiency and save money.



Lecture #2 – Innovative Energy Solutions: A Rhode Island Business Roundtable

December 20, 2021

The second lecture serves as a more business-focused conversation, featuring a panel of local business leaders who are forging connections, introducing new technologies, and building innovative solutions to both create jobs and address Rhode Island's looming energy problems. Guests include Tom Giordano, executive director of the Partnership for Rhode Island, Julian Dash, founder and CEO of Copacity, and Laurie White, president of the Greater Providence Chamber of Commerce.



Lecture #3 – Ready to Apply: Preparing Rhode Island's Workforce for Clean Energy Jobs

January 25, 2022

Changing the way we source and use energy is critical for the future our planet, but it's also an opportunity to create jobs and support the economy here in Rhode Island. With record-level investment in energy efficiency, renewable energy, energy storage, and advanced vehicles and transportation, experts are predicting as many as 10 million jobs could be created in the clean energy sector in the coming years. Our third lecture will showcase a panel of leaders shaping Rhode Island's workforce development ecosystem.

2021-2022 Virtual Lecture Series *(Duffy & Shanley)*

#1 - How to Save on Your Utility Bills with Energy Efficiency

40 participants; 54 additional views

#2 - Innovative Energy Solutions: An RI Business Roundtable

28 participants; 37 additional views

#3 - Preparing RI's Workforce for Clean Energy Jobs

37 participants; 64 additional views

2023 Lecture Series *(URI Cooperative Extension)*

- Fall @ URI, in person
- Theme/topic suggestions welcome



Council Member Discussion

