Welcome to the 2016 Northeast Energy Efficiency Summit

Welcome to the 2016 Northeast Energy Efficiency Summit at the Omni Mt Washington. During the next two days, we invite you to participate in the engaging discussions about Next Generation Energy Efficiency. We encourage you to contribute and provide candid input to support keeping the Northeast and Mid-Atlantic region at the forefront of national energy efficiency.

This Summit is also very special because we are celebrating NEEP’s 20th anniversary. As we look back on our 20 years of energy efficiency market transformation, we would like to take this opportunity to celebrate our history, our success and the work of our partners. Using our history as a springboard, we look forward to making this event an opportunity for new collaborations and the beginning of a new era for our organization and our region.

Summit Co-Chairs

Sue Coakley, NEEP Executive Director
Since founding NEEP in 1996, Sue Coakley has served as Executive Director and a member of the Board of Directors. She provides strategic direction for NEEP’s development, management and operations, and manages relationships with NEEP’s broad base of funders. In her role, she leads NEEP’s efforts to transform markets to provide high efficiency solutions on a regional scale. Known as a champion of collaboration and for her expertise in energy efficiency policies and strategies, she is a frequent speaker at national and regional forums, and serves on the Boards of several non-profit organizations.

Bob Scott, Summit Chair
Commissioner Bob Scott was appointed by Governor John Lynch as Commissioner of the New Hampshire Public Utilities Commission in March 2012. Commissioner Scott currently serves on the Regional Greenhouse Gas Initiative, Inc. (RGGI) Board of Directors, and Co-Chairs the New England Conference of Public Utilities Commissioners (NEPUC) subcommittee on cyber security. Commissioner Scott is on the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC) and serves on the Committee on Critical Infrastructure as well as the Committee on Energy Resources and the Environment.

Stay connected at the Summit

TWITTER
Follow @NeepEnergy and #NEEPSummit16 to keep up with Summit updates and energy efficiency discussions. A prize will be awarded to the most comprehensive Tweet-er. We encourage you to follow and engage with our Summit sponsors. Twitter handles are on the scavenger hunt form in your Summit folder.

Wi-Fi
Complimentary Wi-Fi is available for all Summit attendees. Password: NEEP16

From Humble Beginnings to Lasting Impacts: Celebrating the History of NEEP & Looking to the Next Generation of Energy Efficiency

NEEP’s trajectory has closely followed the evolution of the energy efficiency sector in the region and in the nation. We were created because states, federal agencies, utilities, efficiency experts and industry saw a need for collaboration to transform markets. Today, NEEP — as an organization and as a network — is responding to the needs of a changing customer base to advance Next Generation Energy Efficiency to significantly and economically reduce carbon emissions from our daily use of energy.

Together, we’re focusing on geo-targeting, strategic electrification of buildings and vehicles, advanced building policies, market valuation of efficient homes and buildings, and new program and EM&V strategies. Together, we’re creating a roadmap to integrate efficiency with demand response, renewables and energy storage, and the new regulatory constructs that will enable the grid of the future. Now more than ever, partnerships can help states and program administrators learn from each other and leverage resources as we reimagine our region’s energy system, harness the power of technology and data, and empower customers to make smart energy choices.

The Birth of a Regional Energy Efficiency Organization

As few people know, a mangrove swamp in Florida is where the idea of NEEP was born way back in 1995, when two friends — Sue Coakley, then working as a consultant to help utilities develop energy efficiency plans and budgets, and Dave Hewitt, an independent consultant based out of Oregon — decided to attend a national conference of utility commissioners (NARUC) a day early to do some canoeing.

According to Hewitt, it was while paddling through the wetlands outside of Tampa that the idea of NEEP was born. “Market transformation was around and people were working on it. We thought there was enough similarity in some of the Northeast states that we should be working jointly. To do this, we needed high level support from the utilities. That was the seed of NEEP,” said Hewitt.

Read more on our blog at www.neep.org/blog.

What People are Saying about NEEP

“NEEP has been great to watch what NEEP has been able to do in the Northeast and Mid-Atlantic region over the past two decades. It’s also been great to watch NEEP identify the gaps and things that may hinder the market, and be able to tackle them in a concerted fashion to get results. If you look at the trajectory of increased investments in efficiency over the years, certainly NEEP has played an important part of that.”

— Dr. Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency for the U.S. Department of Energy

“What being part of the High Performance Schools Network — which NEEP facilitates — has helped us reach out to not only interagency departments but also other non-profits and community stakeholders. These collaborations have allowed us to really develop some innovative tools to allow us to advance green schools — not only in our state but the region, and even the nation.”

— Joseph da Silva, School Construction Coordinator for the Rhode Island School Building Authority

“What I really like about NEEP is that they have an intimate understanding of the grid and unique ability to bring together the public and private sectors in a coordinated and collaborative way to drive change.”

— Libby Dodson, Energy Efficiency Program Coordinator with the Pennsylvania Department of Environmental Protection

2016 NORTHEAST ENERGY EFFICIENCY SUMMIT | NEXT GENERATION ENERGY EFFICIENCY

WELCOME

CELEBRATING 20 YEARS

2016 NORTHEAST ENERGY EFFICIENCY SUMMIT | NEXT GENERATION ENERGY EFFICIENCY
# Thank You for Your Support

We would like to take this opportunity to thank all of the NEEP Sponsors and Allies; which include utilities, states, non-profits, manufacturers, consultants, energy industry partners, as well as foundations and federal agencies that currently support NEEP’s mission, and many of them have for 20 years!

**NEEP Sponsors**
- Connecticut Municipal Electrical Energy Cooperative
- Connecticut Natural Gas
- Efficiency Vermont
- Eversource - Connecticut
- Eversource - New Hampshire
- National Grid - Rhode Island
- New Hampshire Electric Cooperative
- Liberty Utilities
- Southern Connecticut Gas
- United Illuminating Company
- Unitil

**NEEP Allies**
- CLEAResult
- Ecova
- Energy Federation, Inc.
- Franklin Energy Services
- Goodcents
- Institute for Electric Innovation
- Nest
- Opower
- Osram Sylvania
- Panasonic
- Philips Lighting
- Schneider Electric
- Tendril
- View Dynamic Glass

**Foundations & Federal Agencies**
- Energy Foundation
- John D. and Catherine T. MacArthur Foundation
- John Merck Fund
- Merck Family Fund
- US Department of Energy
- US Environmental Protection Agency

If you would like to learn about how you can join the above organizations as a part of NEEP’s network, please contact Stacey at SWiessbock@neep.org or Lucie at LCarriou@neep.org.

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# Schedule at a Glance

<table>
<thead>
<tr>
<th>Sunday, June 12</th>
<th>Monday, June 13</th>
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<tbody>
<tr>
<td>1:00 PM</td>
<td>Registration Opens</td>
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<tr>
<td>5:00 PM</td>
<td>Welcome BBQ</td>
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<tr>
<td>7:30 AM</td>
<td>Exhibits &amp; Student Mentoring</td>
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<tr>
<td>7:30 AM</td>
<td>Registration Opens</td>
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<tr>
<td>9:00 AM</td>
<td>Welcome &amp; Opening Comments</td>
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<tr>
<td>9:20 AM</td>
<td>Why it Matters for the Region to Continue to Make Energy Efficiency a Top Priority – Climate, Economy, Reliability</td>
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<tr>
<td>10:15 AM</td>
<td>Networking Break</td>
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<td>10:45 AM</td>
<td>Concurrent Topical Roundtables - Session 1</td>
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<tr>
<td>12:15 PM</td>
<td>Networking Lunch &amp; Student Mentoring</td>
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<tr>
<td>12:15 PM</td>
<td>Concurrent Topical Roundtables - Session 2</td>
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<tr>
<td>3:00 PM</td>
<td>Networking Break at Exhibits</td>
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<tr>
<td>3:30 PM</td>
<td>Concurrent Topical Roundtables - Session 3</td>
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<tr>
<td>5:30 PM</td>
<td>Reception at Exhibits</td>
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<tr>
<td>7:00 PM</td>
<td>20th Anniversary &amp; 2016 Business Leaders Celebration Dinner</td>
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**Tuesday, June 14**

- All Day Exhibits & Student Mentoring
- 7:00 AM Registration Opens & Breakfast
- 7:30 AM Networking Break at Exhibits
- 8:30 AM Business Leaders Policy Roundtables Breakfast (invitation only)
- 9:00 AM Summit Welcome: Next Generation Energy Efficiency
- 10:15 AM Networking Break at Exhibits
- 10:45 AM Power Talks and Hosted Discussion: Next Gen: Inspiring Examples of the Future Now
- 12:15 PM NEEP 20th Anniversary Celebration
- 12:30 PM Networking Luncheon
- 1:45 PM Power Talks and Hosted Discussion: Breaking Through the Public Policy Barriers to Integrated Energy
- 3:15 PM Efficiency Summit Wrap-Up & Prizes
- 3:30 PM Summit Adjourns
**MONDAY, JUNE 13, 2016**

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<tr>
<th>Time</th>
<th>Event</th>
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<th>Sponsor</th>
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<tr>
<td>7:30 – 9:00 AM</td>
<td><strong>BREAKFAST</strong> (Main Lobby) sponsored by Schneider Electric</td>
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<tr>
<td>7:30 – 8:30 AM</td>
<td><strong>STUDENT MENTORING BREAKFAST</strong> (Dartmouth Room)</td>
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<tr>
<td>9:00 AM</td>
<td><strong>WELCOME &amp; OPENING COMMENTS</strong> (Grand Ballroom)</td>
<td>Sue Coakley, NEEP Executive Director, Summit Director Bob Scott, Commissioner of the New Hampshire Public Utilities Commission, Summit Chair New Hampshire Senator Jeb Bradley</td>
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<td>9:20 – 10:15 AM</td>
<td><strong>OPENING KEYNOTE SPEAKERS WITH AUDIENCE Q&amp;A</strong> (Grand Ballroom)</td>
<td>Diane Duva, Office Director, CT Department of Energy and Environmental Protection Next Generation Efficiency – What, Why &amp; Key Trends Sue Coakley, Executive Director, NEEP</td>
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<tr>
<td>10:15 – 10:45 AM</td>
<td><strong>NETWORKING BREAK &amp; EXHIBITS</strong> (Main Lobby)</td>
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**Concurrent Sessions**

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<tr>
<th>Time</th>
<th>Session 1 10:45 AM – 12:15 PM</th>
<th>Session 2 1:30 – 3:00 PM</th>
<th>Session 3 3:30 – 5:00 PM</th>
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<td><strong>COOL STUFF:</strong> Next Generation Efficiency Solutions</td>
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<td>1A. The Efficient Homes of the Future</td>
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<td>Monroe Room, Presidential Wing</td>
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<td>2A. Customer Engagement, Energy Management and IT</td>
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<td>Geeks: Emerging C&amp;I Sector Solutions</td>
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<td>Monroe Room, Presidential Wing</td>
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<td>3A. The NEEP Olympics</td>
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<td>Grand Ballroom</td>
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<td><strong>HOT MARKETS:</strong> Market Development</td>
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<td>1B. Financial Solutions that Have Traction</td>
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<td>Madison Room, Presidential Wing</td>
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<td>2B. Making the Invisible Visible</td>
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<td>Valuing Home Energy Efficiency</td>
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<td>Madison Room, Presidential Wing</td>
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<td><strong>PUBLIC POLICY:</strong> Next Generation Efficiency Leading Trends</td>
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<td>1C. Traversing the Municipal Energy Landscape: Solutions &amp; Strategies for Success Adams Room, Presidential Wing</td>
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<td>2C. Integrating Efficiency &amp; Demand Response</td>
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<td>Adams Room, Presidential Wing</td>
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<td>3C. NH Business Leaders Roundtable</td>
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<td>Adams Room, Presidential Wing</td>
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**BRONZE SPONSORS**
This session will explore leading trends and market transformation opportunities for comprehensive, integrated residential and multifamily solutions, and the role of energy efficiency programs. New technologies and services are empowering consumers to monitor and manage their energy use to optimize energy efficiency, comfort, cost and overall energy performance as a dynamic part of the power grid.

1) What are the biggest trends you are seeing for residential homes? 2) What are the biggest differences between today’s homes and what we expect to see in 10-20 years? For single family/owner occupied? For multifamily/renters? 3) How can the efficiency community help drive efficiency into homes of the future?

Moderator: Claire Mizusieks, Market Strategies Program Manager, NEEP • David Band, East Coast Energy Partnerships, Next Labs • Paul Campbell, Director of Sustainability/ Green Leadership, Sears Holdings Corp • Rebecca Foster, Director Consulting, VEIC • Arne Arquitt Niederberger, Vice President, Govt Affairs & Market Development, En leave • Jonathan Cohen, Dept. of Energy (discussant) • Brad Piper, Lockheed Martin & NYSERDA (discussant)
This session will explore market valuation of home energy efficiency and the commercial sector and real estate. We will see if utilities are doing this? What are the challenges? How can we overcome them? 2) What can we learn from businesses that are saving business development strategy. 1) What’s the relationship between EE and saving business development strategy. 2) What can we learn from businesses that are saving business development strategy. 3) If EE is so beneficial, why aren’t more businesses doing this? What are the challenges? How can we overcome them?
Over its 31-year history, D+R International has helped introduce, re-introduce, and support programs and marketing initiatives that compel consumers to action. Our mission statement explains our primary purpose in business: to further the advancement of resource-efficient technologies with an eye to preserving natural resources. D+R’s core competencies are energy market assessment, product assessment and specification, analytics and market intelligence, program innovation, regulatory advisory, building science, and program lifecycle management. We collaborate with federal, state, and local governments, the retail supply chain, manufacturers, utilities, the building industry, and energy efficiency organizations to build strong, market-focused solutions that deliver results.

NH SAVES is a collaboration of New Hampshire’s electric and natural gas utilities working with the NH Public Utilities Commission and other interested parties to provide NH customers with information, incentives, and support designed to save energy, reduce costs, and protect our environment statewide. The mission of NH SAVES is to advance the efficient use of energy, while caring for the environment and promoting economic development in New Hampshire by working together. Energy efficiency is a vital part of keeping New Hampshire’s residents and businesses economically successful, now and in the future. New Hampshire utility customers help fund these energy efficiency initiatives through a monthly charge based on their use of electricity and natural gas. Initial energy efficiency initiatives through a monthly charge, designed to save energy, reduce costs, and protect our environment, are available to New Hampshire utility customers working with the NH Public Utilities Commission and other interested parties to provide NH customers with information, incentives, and support designed to save energy, reduce costs, and protect our environment statewide. The mission of NH SAVES is to advance the efficient use of energy, while caring for the environment and promoting economic development in New Hampshire by working together. Energy efficiency is a vital part of keeping New Hampshire’s residents and businesses economically successful, now and in the future.

PSEG Long Island started by implementing a new interactive voice response phone system that automatically connects customers with the right services after they speak one or two key words. They changed the call center’s performance metrics to emphasize customer satisfaction over call duration. Today, nearly 92 percent of customers surveyed after talking to PSEG Long Island on the phone are satisfied—up from 64 percent a few years ago. PSEG Long Island further modernized the way it communicates with customers by implementing new technologies, including “MyAlerts,” which offers billing alerts via email and text messaging, as well as outage reporting and updates. PSEG Long Island’s innovative energy efficiency programs and incentives are helping its residential and business customers increase energy efficiency and save money, reducing the service territory’s reliance on fossil fuels and shrinking its carbon footprint. In April, PSEG Long Island celebrated the 30,000th home solar installation on Long Island and the company is currently developing a program designed to take over and extend a state program that will offer solar installation financing on electric bills.

The U.S. Department of Energy’s Office of Building Technologies (BOT) leads a vast network of research and industry partners to continually develop innovative, cost-effective energy saving solutions—better products, better new homes, better ways to improve older homes, and better buildings in which we work, shop, and live our everyday lives. The Building Technologies Office’s Multi-Year Program Plan for Fiscal Years 2016-2020 provides a roadmap of our strategies and goals for significantly reducing building energy use intensity. http://energy.gov/eere/buildings/about-building-technologies-office

PANEL 1 - NEXT GENERATION EFFICIENCY: INSPIRING EXAMPLES OF THE FUTURE NOW (Grand Ballroom)
Moderator: Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency, US DOE
  • Bradford Swing, Director of Energy Policy & Programs, City of Boston
  • Taylor Caswell, Executive Director, NH COFA
  • Philip Barton, Director NAM Microgrid Business, Schneider Electric
  • Darren Springer, Chief of Staff, Vermont Governor’s Office
12:15—12:30 PM  NEEP ANNIVERSARY CELEBRATION (Grand Ballroom)
12:30—1:45 PM  NETWORKING LUNCH & EXHIBITS (Main Lobby)
1:45—3:15 PM  PANEL 2 - BREAKING THROUGH PUBLIC POLICY BARRIERS TO INTEGRATED ENERGY SOLUTIONS (Grand Ballroom)
Moderator: Jim O’Reilly, Director of Public Policy, NEEP
  • Dan Graueich, Precourt Energy Efficiency Center, Stanford Univ., former Commissioner, CA PUC
  • Karl R. Rabago, Executive Director, PACE Energy & Climate Center
  • Don Kreis, New Hampshire Customer Advocate
3:15—3:30 PM  SUMMIT WRAP-UP AND PRIZES (Grand Ballroom)
Scavenger hunt and social media winners will receive their prizes.
3:30 PM  SUMMIT ADJOURNS

GOLD SPONSORS

D+R International

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A BOLD VISION FOR ENERGY EFFICIENCY THE NEXT 10 YEARS (Grand Ballroom)
Moderator: Sue Coakley, Executive Director, NEEP
  • Steve Nadel, Executive Director, ACEEE & NEEP Board Member
  • Rob Pratt, Chairman and President, International Institute for Energy Conservation (IEC)
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TUESDAY, JUNE 14, 2016

7:10—8:30 AM  BREAKFAST / EXHIBITS (Main lobby) sponsored by PHILIPS
7:30—8:30 AM  STUDENT MENTORING BREAKFAST (Dartmouth Room)
7:40—8:30 AM  BUSINESS LEADERS POLICY RNDTABLE BREAKFAST (Giftford Room) BY INVITATION ONLY—For 2016 Business Leaders and their sponsors
8:30 AM  WELCOME & OPENING COMMENTS - Next Generation Energy Efficiency (Grand Ballroom)
  • Sue Coakley, NEEP Executive Director, Summit Director
  • Bob Scott, NH PUC Commissioner and Summit Chair
  • US Senator Jeanne Shaheen (video message)
9:00—10:15  A BOLD VISION FOR ENERGY EFFICIENCY THE NEXT 10 YEARS (Grand Ballroom)
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Philip Barton leads Schneider Electric’s U.S. activity to organize microgrid projects and solutions both internally and externally with partner companies. Since 1998, Philip has led Schneider Electric teams retrofitting entire Microgrids or any part of their enabling technology. Enabling technology includes distributed generation, power equipment, engineering services, inverters, metering, software and power controls. Currently, Philip is a member of IEEE P2030.7 working on Microgrid Controller Standards and has written articles for NEMA trade publications and other news sources.

Taylor Caswell is the Executive Director of the Community Development Finance Authority. CDFA is a quasi-government, non-profit corporation with the mission of maximizing the value impact of public and private investments in New Hampshire’s communities, including economic development, affordable housing, and clean energy development projects.

Diane Duva has worked for CT DEEP since 1992 and currently directs CT DEEP’s Office of Energy Demand in the Bureau of Energy and Technology Policy. This group advances the state’s energy efficiency objectives of Connecticut’s Comprehensive Energy Strategy to reduce energy waste and manage demand. Diane has received two National Notable Achievement Awards for regulatory reform and innovative approaches from US EPA, two Environmental Merit Awards from US EPA, and a Women in Leadership Public Service Award.

Dr. Kathleen Hogan is the Deputy Assistant Secretary for Energy Efficiency in the Office of Energy Efficiency and Renewable Energy (EERE). In this capacity, she oversees a more than $600 million annual energy efficiency policy, program, and research portfolio, including advanced manufacturing, buildings, federal energy management, low income weatherization, and intergovernmental partnerships. She has been recognized for her work with a Presidential Rank Award and with induction into the Energy Efficiency Hall of Fame of the U.S. Energy Association.

Dian Grueneich is a nationally and internationally recognized energy expert. In May 2014, Dian began an appointment with Stanford University as a Senior Research Scholar with the Precourt Energy Efficiency Center and the Shultz-Stephenson Energy Policy Task Force, to spearhead an increased focus of Stanford on state and regional energy issues, focusing in particular on regulatory policy governance, the evolving energy system, and the next generation of energy efficiency.

Jim O’Reilly oversees NEEP’s policy outreach and implementation efforts to develop and provide information to key audiences, maintain relationships with NEEP sponsors and partners, and manage NEEP’s strategic communications to build public support for energy efficiency. Previously, Jim was Account Director for Virtual, Inc., a public relations and management consulting firm. He has also worked as Energy & Transportation Program Director for the National Governors Association Center for Best Practices, also in Washington, D.C.

Bradford Swing serves as Director of Energy Policy and Programs for the City of Boston. Brad is currently overseeing the Boston Community Energy Study, micro-grid pilot, and the creation of the Pan-Rowe Trust, an energy efficiency and resilience project finance program. He initiated and now directs Renew Boston, a service of the City of Boston that partners with utilities to help Boston residents, businesses, and institutions save energy. Brad initiated the City’s district energy, solar, and green building programs. He advises the Mayor and the Chief of Energy, Environment and Open Space on all local, state, and federal energy policy issues.

Senator Jeb Bradley is the Majority Leader of the New Hampshire state Senate. He is in his fourth term serving District 3 from Wolfeboro, the Oldest Summer Resort in America. For the 2015-2016 legislative session, Sen. Bradley is Vice Chairman of Commerce, the Chair of the Energy & Natural Resources Committee, and serves on the Rules, Enrolled Bills & Internal Affairs Committee. Sen. Bradley is an avid hiker in all seasons, and recently became the 49th person to complete the elusive NH 4,000ft peaks, which is a major accomplishment consisting of climbing each of the NH 48 4,000ft peaks in each month of the calendar year, totaling 576 peaks.

Jim was Account Director for Virtual, Inc., a public relations and management consulting firm. He has also worked as Energy & Transportation Program Director for the National Governors Association Center for Best Practices, also in Washington, D.C.

Rob Pratt has been a national and international leader in clean energy and climate solutions for more than 40 years, as a for-profit and non-profit entrepreneur, a clean energy funder, and a government leader. He is currently Chairman and President of the International Institute for Energy Conservation (IIEC), a non-profit organization that he founded in 1984. The IIEC’s mission is to dramatically increase the use of energy efficiency as an important clean energy approach in the developing world, and its work in over 40 countries has reduced energy demand by thousands of MWs.

Karl R. Rabago is the Executive Director of the Pace Energy and Climate Center, at the Pace University School of Law in White Plains, New York. Pace is actively involved in every aspect of the New York REV—Reforming the Energy Vision—proceeding, in their own right and on behalf of the Clean Energy Organizations Coalition. Pace is also a public interest intervenor in rate cases and other key proceedings before the New York Public Service Commission. Karl is also co-director of the Northeast Solar Energy Market Coalition (NESEMC), a US DOE SunShot Initiative Project.

Don Kreis became New Hampshire’s fifth Consumer Advocate in February; he and his staff of four are tasked with representing the interests of residential customers before the New Hampshire Public Utilities Commission (NHPUUC), the legislature and courts, as well as other agencies of federal and state government. He also serves as a senior energy law fellow at Vermont Law School, where he has been teaching either full or part-time since 2008.

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Senator Jeb Bradley is the Majority Leader of the New Hampshire state Senate. He is in his fourth term serving District 3 from Wolfeboro, the Oldest Summer Resort in America. For the 2015-2016 legislative session, Sen. Bradley is Vice Chairman of Commerce, the Chair of the Energy & Natural Resources Committee, and serves on the Rules, Enrolled Bills & Internal Affairs Committee. Sen. Bradley is an avid hiker in all seasons, and recently became the 49th person to complete the elusive NH 4,000ft peaks, which is a major accomplishment consisting of climbing each of the NH 48 4,000ft peaks in each month of the calendar year, totaling 576 peaks.

Jim O’Reilly oversees NEEP’s policy outreach and implementation efforts to develop and provide information to key audiences, maintain relationships with NEEP sponsors and partners, and manage NEEP’s strategic communications to build public support for energy efficiency. Previously, Jim was Account Director for Virtual, Inc., a public relations and management consulting firm. He has also worked as Energy & Transportation Program Director for the National Governors Association Center for Best Practices, also in Washington, D.C.

Bradford Swing serves as Director of Energy Policy and Programs for the City of Boston. Brad is currently overseeing the Boston Community Energy Study, micro-grid pilot, and the creation of the Pan-Rowe Trust, an energy efficiency and resilience project finance program. He initiated and now directs Renew Boston, a service of the City of Boston that partners with utilities to help Boston residents, businesses, and institutions save energy. Brad initiated the City’s district energy, solar, and green building programs. He advises the Mayor and the Chief of Energy, Environment and Open Space on all local, state, and federal energy policy issues.

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SPEAKERS

Philip Barton leads Schneider Electric’s U.S. activity to organize microgrid projects and solutions both internally and externally with partner companies. Since 1998, Philip has led Schneider Electric teams retrofitting entire Microgrids or any part of their enabling technology. Enabling technology includes distributed generation, power equipment, engineering services, inverters, metering, software and power controls. Currently Philip is a member of IEEE P2030.7 working on Microgrid Controller Standards and has written articles for NEMA trade publications and other news sources.

Taylor Caswell is the Executive Director of the Community Development Finance Authority. CDFA is a quasi-government, non-profit corporation with the mission of maximizing the value impact of public and private investments in New Hampshire’s communities, including economic development, affordable housing, and clean energy development projects.

Diane Duva has worked for CT DEEP since 1992 and currently directs CT DEEP’s Office of Energy Demand in the Bureau of Energy and Technology Policy. This group advances the state’s energy efficiency objectives of Connecticut’s Comprehensive Energy Strategy to reduce energy waste and manage demand. Diane has received two National Notable Achievement Awards for regulatory reform and innovative approaches from US EPA, two Environmental Merit Awards from US EPA, and a Women in Leadership Public Service Award.

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Dian Grueneich is a nationally and internationally recognized energy expert. In May 2014, Dian began an appointment with Stanford University as a Senior Research Scholar with the Precourt Energy Efficiency Center and the Shultz-Stephenson Energy Policy Task Force, to spearhead an increased focus of Stanford on state and regional energy issues, focusing in particular on regulatory policy governance, the evolving energy system, and the next generation of energy efficiency.

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2016 NORTHEAST ENERGY EFFICIENCY SUMMIT | NEXT GENERATION ENERGY EFFICIENCY

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D+R International

Over its 31-year history, D+R International has helped introduce, re-introduce, and support programs and marketing initiatives that compel consumers to action. Our mission statement explains our primary purpose in business: to further the advancement of resource-efficient technologies with an eye to preserving natural resources. D+R’s core competencies are energy market assessment, product assessment and specification, analytics and market intelligence, program innovation, regulatory advisory, building science, and program lifecycle management. We collaborate with federal, state, and local governments, the retail supply chain, manufacturers, utilities, the building industry, and energy efficiency organizations to build strong, market-focused solutions that deliver results.

NHSAVES we all win

NHSAVES is a collaboration of New Hampshire’s electric and natural gas utilities working with the NH Public Utilities Commission and other interested parties to provide NH customers with information, incentives, and support designed to save energy, reduce costs, and protect our environment statewide. The mission of NHSAVES is to advance the efficient use of energy, while caring for the environment and promoting economic development in New Hampshire by working together. Energy efficiency is a vital part of keeping New Hampshire’s residents and businesses economically successful, now and in the future. New Hampshire utility customers help fund these energy efficiency initiatives through a monthly charge, based on their use of electricity and natural gas. Initiatives described on the NHSAVES website are available to customers of: EVERSOURCE, LIBERTY UTILITIES, NEW HAMPSHIRE ELECTRIC CO-OP and UNITIL.

The U.S. Department of Energy’s Office of Building Technologies (BTO) leads a vast network of research and industry partners to continually develop innovative, cost-effective energy saving solutions—better products, better new homes, better ways to improve older homes, and better buildings in which we work, shop, and lead our everyday lives. The Building Technologies Office’s Multi-Year Program Plan for Fiscal Years 2016-2020 provides a roadmap of our strategies and goals for significantly reducing building energy use intensity, http://energy.gov/eere/buildings/about-building-technologies-office

PSEGLONG ISLAND

PSEGLong Island started by implementing a new interactive voice response phone system that automatically connects customers with the right services after they speak one or two key words. They changed the call center’s performance metrics to emphasize customer satisfaction over call duration. Today, nearly 92 percent of customers surveyed after talking to PSEGLong Island on the phone are satisfied—up from 64 percent a few years ago. PSEGLong Island further modernized the way it communicates with customers by implementing new technologies, including “MyAlerts,” which offers billing alerts via email and text messaging, as well as outage reporting and updates. PSEGLong Island’s innovative energy efficiency programs and incentives are helping its residential and business customers increase energy efficiency and save money, reducing the service territory’s reliance on fossil fuels and shrinking its carbon footprint. In April, PSEGLong Island celebrated the 30,000th home solar installation on Long Island and the company is currently developing a program designed to take over and extend a state program that will offer solar installation financing on electric bills.

U.S. DEPARTMENT OF ENERGY

The U.S. Department of Energy’s Office of Building Technologies (BTO) leads a vast network of research and industry partners to continually develop innovative, cost-effective energy saving solutions—better products, better new homes, better ways to improve older homes, and better buildings in which we work, shop, and lead our everyday lives. The Building Technologies Office’s Multi-Year Program Plan for Fiscal Years 2016-2020 provides a roadmap of our strategies and goals for significantly reducing building energy use intensity, http://energy.gov/eere/buildings/about-building-technologies-office

TUESDAY, JUNE 14, 2016

7:10–8:30 AM BREAKFAST / EXHIBITS [Main lobby] sponsored by PHILIPS
7:30–8:30 AM STUDENT MENTORING BREAKFAST [Dartmouth Room]
7:40–8:30 AM BUSINESS LEADERS POLICY ROUNDTABLE BREAKFAST [Giftford Room]

8:30 AM WELCOME & OPENING COMMENTS - Next Generation Energy Efficiency [Grand Ballroom]
- Sue Coakley, NEEP Executive Director, Summit Director
- Bob Scott, NH PUC Commissioner and Summit Chair
- US Senator Jeanne Shaheen (video message)

9:00–10:15 A BOLD VISION FOR ENERGY EFFICIENCY THE NEXT 10 YEARS [Grand Ballroom]
- Moderator: Sue Coakley, Executive Director, NEEP
- Steve Nadel, Executive Director, ACEEE & NEEP Board Member
- Rob Pratt, Chairman and President, International Institute for Energy Conservation (IIEC)

10:15–10:45 AM NETWORKING BREAK & EXHIBITS [Main Lobby]

10:45 AM–12:15 PM PANEL 1 - NEXT GENERATION EFFICIENCY: INSPIRING EXAMPLES OF THE FUTURE NOW [Grand Ballroom]
- Moderator: Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency, US DOE
  - Bradford Swing, Director of Energy Policy & Programs, City of Boston
  - Taylor Caswell, Executive Director, NH COFA
  - Philip Barton, Director NAM Microgrid Business, Schneider Electric
  - Darren Springer, Chief of Staff, Vermont Governor’s Office

12:15–12:30 PM NEEP ANNIVERSARY CELEBRATION [Grand Ballroom]

12:30–1:45 PM NETWORKING LUNCHEON & EXHIBITS [Main Lobby]

1:45–3:15 PM PANEL 2 - BREAKING THROUGH PUBLIC POLICY BARRIERS TO INTEGRATED ENERGY SOLUTIONS [Grand Ballroom]
- Moderator: Jim O’Reilly, Director of Public Policy, NEEP
  - Dan Graueich, Precourt Energy Efficiency Center, Stanford Univ., former Commissioner, CA PUC
  - Karl R. Rabago, Executive Director, PACE Energy & Climate Center
  - Don Kreis, Director, New Hampshire Office of Energy and Planning

3:15–3:30 PM SUMMIT WRAP-UP AND PRIZES [Grand Ballroom]
Scavenger hunt and social media winners will receive their prizes.

3:30 PM SUMMIT ADJOURNS
3:00—3:30 PM  NETWORKING BREAK [Main Lobby - Exhibits]

3:30—5:00 PM  CONCURRENT TOPICAL ROUNDTABLES - SESSION 3

2A  CUSTOMER ENGAGEMENT, ENERGY MGMT AND IT GEKS: EMERGING C&I SECTOR SOLUTIONS [Monroe Room]
Mod: Dave Lis, Dir. of Market Strategies, NEEP
• Alex Graze, VP of Bus. Development, KDS Buildings
• Kathy Montijo, Manager, Energy Efficiency Program Design & Engineering, PSEG-LI
• Patrick Ready, Energy Performance Mgr, Cascade Energy
• Chris Tomawis, Director of Sales, BuildingIQ

2B  MAKING THE INVISIBLE VISIBLE: VALUING HOME ENERGY EFFICIENCY [Madison Room]
Mod: Charlie Taylor, Research & Analysis Assoc., NEEP
• Jeff Gephart, President, Vermont Energy Services, Inc.
• Amy MacCellani, Appraiser, Milne-Allen Appraisal Co.
• Elizabeth Murphy, Sr. Pgm Administrator, UIL Holdings Corp.
• Kevin Rose, Technical Senior Associate, NEEP

2C  SCALING THE PEAK: INTEGRATING ENERGY & DISTRIBUTED ENERGY RESOURCES [Adams Room]
Mod: Brian Buckley, Policy Research & Analysis Assoc, NEEP
• Lindsay Frey, Project Manager, National Grid
• Francois Labonteau, Water Products, GE Appliances
• Mariusz L Zielinski, Sr. De., Reg. Affairs & Market Dev., Otopower
• Eric Winter, ISO New England (placardist)

5:30—7:00 PM  NETWORKING RECEPTION [Main Lobby - Exhibits]
This session will explore leading trends and market transformation opportunities for comprehensive, integrated residential and multifamily solutions, and the role of energy efficiency programs. New technologies and services are empowering consumers to monitor and manage their energy use to optimize energy efficiency, comfort, cost and overall energy performance as a dynamic part of the power grid.

1) What are the biggest trends you are seeing for residential homes? 2) What are the biggest differences between today’s homes and what we expect to see in 15-20 years? For single family/owner occupied? For multifamily/renters? 3) How can the efficiency community help drive efficiency into homes of the future?

FINANCIAL SOLUTIONS THAT HAVE TRACTION

Leveraging capital is a key strategy to scale-up all cost-effective energy efficiency solutions. The region is home to a wide range of financial solutions – state, municipal and private sector. This session will explore successful efforts and what is needed to overcome barriers to broad-scale next generation energy efficiency investments. The broad themes will be what has worked in other states: 1) What are the best practices that can be replicated for consistent, integrated, sustainable solutions, and 2) What is needed to transform financial markets on a regional scale to make energy efficiency broadly available to retrofit homes, buildings and facilities across the Northeast and Mid-Atlantic region.

TRAVERSING THE MUNICIPAL ENERGY LANDSCAPE: SOLUTIONS AND STRATEGIES FOR SUCCESS

As municipal leaders seek to enhance resiliency and limit climate impacts within their communities, an increasingly diverse array of solutions are being utilized. This session will highlight cutting-edge initiatives and community based solutions such as converting streetlights to LED’s, improving workforce development opportunities, implementing building energy benchmarking ordinances, increasing the efficiency of waste water treatment facilities and constructing zero energy public buildings. Together, through public-private partnerships, municipalities and businesses can lead the next generation of efficiency and drive the region to journey’s end; a clean, renewable energy future.

1) What cutting-edge initiatives are community leaders rolling-out to guide us into a resilient, efficient, renewable energy future? 2) How are the public and private sectors working together to lead the next generation of energy efficiency? 3) What does the “next generation of energy efficiency” mean for communities in the northeast and mid-Atlantic? 4) For municipalities considering next generation energy efficiency and resiliency measures, what would be an ideal goal to set that is achievable within five and then ten years?
MONDAY, JUNE 13, 2016

7:30 – 9:00 AM  BREAKFAST [Main Lobby] sponsored by Schneider

7:30 – 8:30 AM  STUDENT MENTORING BREAKFAST [Dartmouth Room]

9:00 AM  WELCOME & OPENING COMMENTS [Grand Ballroom]
Sue Coakley, NEEP Executive Director, Summit Director
Bob Scott, Commissioner of the New Hampshire Public Utilities Commission, Summit Chair
New Hampshire Senator Jeb Bradley

Why it Matters for the Region to Continue to Make Energy Efficiency a Top Priority – Climate, Economy, Reliability
Diane Duva, Office Director, CT Department of Energy and Environmental Protection
Next Generation Efficiency – What, Why & Key Trends
Sue Coakley, Executive Director, NEEP

10:15 – 10:45 AM  NETWORKING BREAK & EXHIBITS [Main Lobby]

<table>
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<tr>
<th>Concurrent Sessions</th>
<th>Session 1 10:45 AM – 12:15 PM</th>
<th>Session 2 1:30 – 3:00 PM</th>
<th>Session 3 3:30 – 5:00 PM</th>
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THANK YOU FOR YOUR SUPPORT

THANK YOU FOR SUPPORTING NEEP’S MISSION IN 2016!

We would like to take this opportunity to thank all of the NEEP Sponsors and Allies; which include utilities, states, non-profits, manufacturers, consultants, energy industry partners, as well as foundations and federal agencies that currently support NEEP’s mission, and many of them have for 20 years!

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Energy Foundation
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US Department of Energy
US Environmental Protection Agency

If you would like to learn about how you can join the above organizations as a part of NEEP’s network, please contact Stacey at SWiessbock@neep.org or Lucie at LCarriou@neep.org.

SCHEDULE AT A GLANCE

Sunday, June 12
1:00 PM  Registration Opens
5:00 PM  Welcome BBQ

Monday, June 13
All Day  Exhibits & Student Mentoring
7:30 AM  Registration Opens
7:30 AM  Breakfast & Student Mentoring Breakfast
9:00 AM  Welcome & Opening Comments
9:20 AM  Why it Matters for the Region to Continue to Make Energy Efficiency a Top Priority – Climate, Economy, Reliability
Next Generation Efficiency – What, Why & Key Trends
10:15 AM  Networking Break
10:45 AM  Concurrent Topical Roundtables - Session 1
12:15 PM  Networking Lunch & Student Mentoring
1:30 PM  Concurrent Topical Roundtables - Session 2
3:00 PM  Networking Break at Exhibits
3:30 PM  Concurrent Topical Roundtables - Session 3
5:30 PM  Reception at Exhibits
7:00 PM  20th Anniversary & 2016 Business Leaders Celebration Dinner

Tuesday, June 14
All Day  Exhibits & Student Mentoring
7:00 AM  Registration Opens & Breakfast
7:30 AM  Student Mentoring Breakfast
8:30 AM  Business Leaders Policy Roundtable Breakfast (invitation only)
9:00 AM  Summit Welcome: Next Generation Energy Efficiency
9:30 AM  A Bold Vision for Energy Efficiency the Next 10 Years
10:15 AM  Networking Break at Exhibits
10:45 AM  Power Talks and Hosted Discussion - Next Gen: Inspiring Examples of the Future Now
12:15 PM  NEEP 20th Anniversary Celebration
12:30 PM  Networking Luncheon
1:45 PM  Power Talks and Hosted Discussion - Breaking Through the Public Policy Barriers to Integrated Energy Efficiency Summit Wrap-Up & Prizes
3:15 PM  Summit Adjourns

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Welcome to the 2016 Northeast Energy Efficiency Summit

Welcome to the 2016 Northeast Energy Efficiency Summit, at the Omni Mt Washington. During the next two days, we invite you to participate in the engaging discussions about Next Generation Energy Efficiency. We encourage you to contribute and provide candid input to support keeping the Northeast and Mid-Atlantic region at the forefront of national energy efficiency.

This Summit is also very special because we are celebrating NEEP’s 20th anniversary. As we look back on our 20 years of energy efficiency market transformation, we would like to take this opportunity to celebrate our history, our success and the work of our partners. Using our history as a springboard, we look forward to making this event an opportunity for new collaborations and the beginning of a new era for our organization and our region.

Summit Co-Chairs

Sue Coakley, NEEP Executive Director
Since founding NEEP in 1996, Sue Coakley has served as Executive Director and a member of the Board of Directors. She provides strategic direction for NEEP’s development, management and operations, and manages relationships with NEEP’s broad base of funders. In her role, she leads NEEP’s efforts to transform markets to provide high efficiency solutions on a regional scale. Known as a champion of collaboration and for her expertise in energy efficiency policies and strategies, she is a frequent speaker at national and regional forums, and serves on the Boards of several non-profit organizations.

Bob Scott, Summit Chair
Commissioner Bob Scott was appointed by Governor John Lynch as Commissioner of the New Hampshire Public Utilities Commission in March 2012. Commissioner Scott currently serves on the Regional Greenhouse Gas Initiative, Inc. (RGGI) Board of Directors, and Co-Chairs the New England Conference of Public Utilities Commissioners (NECPC) subcommittee on cyber security. Commissioner Scott is on the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC) and serves on the Committee on Critical Infrastructure as well as the Committee on Energy Resources and the Environment.

Stay connected at the Summit

TWITTER
Follow @NEEPenergy and #NEEPSummit16 to keep up with Summit updates and energy efficiency discussions. A prize will be awarded to the most comprehensive Tweet-er. We encourage you to follow and engage with our Summit sponsors - Twitter handles are on the scavenger hunt form in your Summit folder.

Wi-Fi
Complimentary Wi-Fi is available for all Summit attendees. Password: NEEP16

From Humble Beginnings to Lasting Impacts:
Celebrating the History of NEEP & Looking to the Next Generation of Energy Efficiency

NEEP’s trajectory has closely followed the evolution of the energy efficiency sector in the region and in the nation. We were created because states, federal agencies, utilities, efficiency experts and industry saw a need for collaboration to transform markets. Today, NEEP — as an organization and as a network — is responding to the needs of a changing customer base to advance Next Generation Energy Efficiency to significantly and economically reduce carbon emissions from our daily use of energy.

Together, we’re focusing on geo-targeting, strategic electrification of buildings and vehicles, advanced building policies, market valuation of efficient homes and buildings, and new program and EM&V strategies.

The Birth of a Regional Energy Efficiency Organization

As few people know, a mangrove swamp in Florida is where the idea of NEEP was born way back in 1995, when two friends — Sue Coakley, then Vice President at the Florida Public Service Commission, and Bob Hewitt, then General Manager of the Florida Power and Light Company — decided to attend a national conference of utility commissioners (NARUC) a day early to do some canoeing.

According to Hewitt, it was while paddling through the wetlands outside of Tampa that the idea of NEEP was born. “Market transformation was around and people were working on it. We thought there was enough similarity in some of the Northeast states that we should be working jointly. To do this, we needed high level support from the utilities. That was the seed of NEEP,” said Hewitt.

What People are Saying about NEEP

“It’s been great to watch what NEEP has been able to do in the Northeast and Mid-Atlantic region over the past two decades. It’s also been great to watch NEEP identify the gaps and things that may hinder the market, and be able to tackle them in a concerted fashion to get results. If you look at the trajectory of increased investments in efficiency over the years, certainly NEEP has played an important part of that.”

— Dr. Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency for the U.S. Department of Energy

“Being part of the High Performance Schools Network — which NEEP facilitates — has helped us reach out not only to interagency departments but also other non-profits and community stakeholders. These collaborations have allowed us to really develop some innovative tools to allow us to advance green schools — not only in our state but the region, and even the nation.”

— Joseph da Silva, School Construction Coordinator for the Rhode Island School Building Authority

“Throughout my 13 years at DEP, I have worked with the Northeast/Mid-Atlantic Appliance Efficiency Working Group, Multi-Family working Group, Green Schools working group, High Performance Buildings working group and the Regional Building Energy Codes leadership group and the Pennsylvania Energy Code Collaborative — all facilitated by NEEP. These work groups have been an excellent and efficient way to stay abreast of developments in other states’ programs and policies, and, for us to report on Pennsylvania’s energy efficiency related activities.”

— Libby Dodson, Energy Efficiency Program Coordinator with the Pennsylvania Department of Environmental Protection

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