



NEEP 2013 QUARTERLY REPORT

SECOND QUARTER

EXECUTIVE SUMMARY

NEEP is pleased to share this report, which presents achievements for the second quarter of 2013 toward the goals in our annual [Business Plan](#). With the support of our sponsors, partners, and funders from across the region and nation, NEEP continues to make progress toward our 2013 mission and goal, guided by our four key strategies to accelerate energy efficiency. Some highlights of our work this quarter include:

Increase Visibility of Energy Efficiency

- On June 18-19 NEEP welcomed 350 people to Springfield, Mass. for the [2013 Northeast Energy Efficiency Summit](#). The two-day event drew a wide variety of business interests, public policy makers, utility partners, manufacturers, and others to discuss the Summit's theme, *Accelerating Innovation in Efficiency*.
- NEEP honored 12 Northeast Business Leaders for Energy Efficiency nominated by NEEP Sponsors at the 2013 Summit for their commitment to accelerating energy efficiency. Take some time to watch the inspiring State Champion videos and read the case studies for each of our Business Leaders [here](#).
- NEEP continued to confirm and engage [Sponsors](#) and [Partners](#) in the second quarter of the year. The Partners Program continues to grow in popularity, with 16 confirmed Partners this year—once again, the most to date.
- The Strategic Marketing and Communications team continued to develop NEEP's brand management strategy with a particular focus on our web presence, including NEEP's blog—[EnergyEfficiencyMatters.org](#).

Reduce Energy Usage In Buildings

- NEEP supported regional energy code collaboratives, with a particular focus on [New Hampshire and Delaware](#), to share best practices and ensure greater compliance with the energy code.
- NEEP brought together a large group of advocates to promote the benefits of the building energy disclosure in response to proposed [Boston City Council ordinance](#) to require building energy reporting and disclosure in the city—which was ultimately adopted.
- NEEP supported states as they developed policies and practices to put public facilities on the pathway to zero net energy (ZNE), using [NEEP's ZNE Roadmap](#) to provide guidance across the region.
- NEEP convened the [Regional Multifamily Retrofit Workshop](#), which focused on the complexities and barriers of the multifamily market. The workshop informed the continuing regional efforts to increase comprehensive multifamily retrofits by providing actionable information to increase the visibility of, and build momentum for, the multifamily market to achieve deep energy savings.

NEEP MISSION

Accelerate energy efficiency in homes, buildings & industry in the Northeast - Mid-Atlantic region.

2013 GOAL

Keep the region a national efficiency leader by advancing innovation and best practices, and leading-edge policies, programs and strategies that deepen, broaden and accelerate energy efficiency on a regional scale.



Speed the Adoption of High Efficiency Products

- The [Northeast Residential Lighting Strategy](#), originally published in spring 2012, is a critical document that requires annual updates. NEEP made significant progress this quarter toward preparation of the second annual update—the 2013-2014 Residential Lighting Strategy Update.
- The DesignLights Consortium® experienced tremendous growth throughout the second quarter of 2013. The Qualified Products List grew by nearly 3,000 products, breaking the 25,000 mark. NEEP also published DLC's new [Technical Requirements Table v2.0](#).
- NEEP launched development of the [Northeast/Mid-Atlantic Ductless Heat Pump Market Transformation Strategy](#) to identify strategies the region can adopt to drive market uptake of this technology, which has the potential to significantly reduce energy use in homes across the region.
- NEEP hosted a [Business and Consumer Electronics Workshop](#) to discuss opportunities to reduce average per household/building energy use from business and consumer electronics, and to inform NEEP's regional Business and Consumer Electronics strategy report, currently in development.
- NEEP engaged with the US DOE on its appliance standards rulemaking for [General Service Fluorescent Lamps and Incandescent Reflector Lamps](#), submitting comments representing the region's interests. This was identified as one of NEEP's 2014 priority federal rulemakings, and represents an important opportunity for states to achieve significant energy savings.





Advance Knowledge and Best Practices

- The second quarter was a busy time for energy efficiency policy across the Northeast and Mid-Atlantic region. To support these efforts, NEEP supported updates to RGGI, participated in the Grid Modernization Working Group in Massachusetts, and [prepared public comments](#) on legislative and regulatory proceedings throughout the region in support of energy efficiency.
- The [Regional EM&V Forum](#) took a strategic focus in the second quarter, hosting a webinar in April to provide state summaries of evaluation activities and plans. Information from the webinar informed a project brainstorming meeting with key Forum stakeholders in May, which then culminated into a multi-year project survey issued to Forum members in June. The survey will help prioritize potential projects for the next three years.

We hope you enjoy reading about these achievements and many more in the following report. Thank you for your engagement and support—we look forward to many more successes and our continued partnership throughout the year.



NEEP 2013 STRATEGIES AND PROJECTS

STRATEGIES	OUTCOMES	PROJECTS
<p>VISIBILITY</p> 	<ul style="list-style-type: none"> ➤ Increased media & public understanding - “Northeast as national efficiency leader” ➤ Visible business leadership for energy efficiency ➤ NEEP as regional hub connecting media to efficiency leadership across the region 	<ol style="list-style-type: none"> 1. Northeast Energy Efficiency Summit 2. Northeast Business Leaders for Energy Efficiency 3. NEEP Sponsorship & Partners Program 4. NEEP Strategic Marketing & Communications
<p>BUILDINGS</p> 	<ul style="list-style-type: none"> ➤ Region leads the nation in adoption of, and compliance with, progressive building energy codes ➤ Markets value high efficiency homes, bldgs ➤ States, municipalities commit to building, maintaining high performance schools and public buildings ➤ Model programs and resources address market barriers to energy efficiency retrofits in multifamily residential buildings 	<ol style="list-style-type: none"> 1. Building Energy Codes 2. Building Energy Rating 3. High Performance Public Schools & Buildings 4. Comprehensive Multifamily Retrofit
<p>PRODUCTS</p> 	<ul style="list-style-type: none"> ➤ Northeast leads in high efficiency products ➤ Higher baselines lock in market gains ➤ Regulatory policy support - new technologies 	<ol style="list-style-type: none"> 1. High Efficiency Residential Lighting 2. DesignLights® SSL Qualified Products List 3. High Efficiency Emerging Technologies 4. High Efficiency Consumer Electronics 5. Appliance Efficiency Standards
<p>KNOWLEDGE</p> 	<ul style="list-style-type: none"> ➤ States and local government commit to efficiency - top energy priority ➤ States use consistent protocols to evaluate, measure and report efficiency impacts 	<ol style="list-style-type: none"> 1. Public Policy Outreach and Analysis 2. Regional Evaluation, Measurement & Verification Forum



INCREASE VISIBILITY OF ENERGY EFFICIENCY

Position and define efficiency as a critical and tangible energy resource with significant and immediate impact on the economy, the region, and the planet.

All NEEP staff contributes to our *Visibility* strategies, but the projects and objectives listed within this strategy relate specifically to our annual Summit, and the organizational marketing, communications, and development efforts of the Strategic Marketing & Communications Team. This work supports the strategies outlined in NEEP's 2013 Business Plan and maximizes NEEP's capacities for gaining visibility for efficiency and for promoting the Northeast and Mid-Atlantic region as a national leader in energy efficiency.

Northeast Energy Efficiency Summit

On June 18-19 NEEP and the Summit's Co-Chairs, David McHale and Marion Gold, welcomed 350 people to Springfield, Mass. for the [2013 Northeast Energy Efficiency Summit](#). The two-day event drew a wide variety of business interests, public policy makers, utility partners, manufacturers, and other efficiency stakeholders to discuss the Summit's theme, *Accelerating Innovation in Efficiency*. Keynote speakers and panelists shared stories of how unexpected partnerships, taking risks, and thinking creatively come together to move efficiency forward across the region.

Cathy Zoi of C3 Energy kicked off the event with a discussion about how "big data" is changing the way that utilities and businesses view the value of their efficiency investments. As more data is available, utilities and businesses alike will look for ways to analyze that data and make strategic decisions. Kara Miller, host of the *Innovation Hub* program on WGBH radio, Boston, took a step back and spoke about 'Time, Space & Frame of Mind' and the crucial role that these three elements play in successful innovation. This applies to innovation across many disciplines, leaving attendees with a new perspective on how they can apply this concept to their efforts to accelerate efficiency across the region.

The morning panel, Public-Private Partnerships to Accelerate Innovation in Efficiency, highlighted the interests of utilities, the US DOE, and manufacturers as they discussed the ingredients necessary for public-private partnerships to move forward innovation in efficiency policy, program, finance, technologies, or services that will help states meet aggressive energy efficiency goals. The afternoon panel, Moving Up the Curve - Engaging Markets for Innovation, was a lively discussion that provided a closer look at how the many players in the efficiency industry are approaching market engagement, and how they can work together and learn from each other to increase engagement and investment in efficiency to achieve ever-greater energy savings. NEEP thanks the 2013 Northeast Energy Efficiency Summit [Sponsors](#) for another great year.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP's 2013 Summit was supported by 33 [sponsors](#), with 25 sponsors also exhibiting at the event, showcasing the latest in innovative efficiency technology as well as other goods and services.
- NEEP hosted two pre-Summit workshops that drew nearly 200 people in total. [Challenges & Opportunities in the Multifamily Market](#) and [Consumer Electronics: A Strategy for the Northeast](#) brought together stakeholders from across the industry and spurred lively discussion about strategies for moving these two important aspects of efficiency forward in the market.
- In conjunction with the [Center for EcoTechnology](#), NEEP hosted a tour at [EcoBuilding Bargains](#), the largest used building materials store in the Northeast. In addition to touring the recently



renovated store, the Center for EcoTechnology, Western Massachusetts Electric Company, and the Massachusetts Department of Energy Resources led a discussion about their collaboration in the recovery efforts following the 2011 tornado in Springfield and the role efficiency has played in the rebuilding process.

- NEEP welcomed 12 students to the Summit as part of the Student Scholarship and Mentoring Program. The program drew undergraduate and graduate students as well as a veteran in a job retraining program. Some students attended the workshops and all were given the opportunity to ask questions of their mentors and network with other industry professionals.
- This year's 12 Northeast Business Leaders for Energy Efficiency were honored for their commitment to accelerating energy efficiency. Take some time to watch the inspiring State Champion videos and read the case studies for each of our Business Leaders [here](#).

Northeast Business Leaders for Energy Efficiency

The Northeast Business Leaders for Energy Efficiency Program is a unique opportunity for energy efficiency program administrators ([sponsors of NEEP](#)) to profile a customer who demonstrates exceptional leadership and best practices in energy efficiency in the operations and maintenance of their business. These leaders are recognized at the annual NEEP Summit, and provide important examples of the economic and environmental benefits of energy efficiency. NEEP announced the [2013 Business Leaders for Energy Efficiency](#) and the 2013 State Champions in April. As in years past, the group was comprised of diverse types of businesses taking on the challenge of curbing costs and supporting environmental goals through investments in efficiency. The diversity of this year's awardees—from an inn and brewery to pharmaceuticals to universities and sports networks—shows that efficiency measures can be deployed across myriad industries with positive effects on the environment, the community, and the bottom line. Together, these organizations have achieved a cumulative annual cost savings of over \$3 million by investing in energy efficiency measures. The 12 Business Leaders were honored at the 2013 Northeast Energy Efficiency Summit and a number of the businesses received media pickup as a result of their awards.

Other noteworthy achievements in the second quarter of 2013 include:

- This year's 12 Northeast Business Leaders for Energy Efficiency were honored at the 2013 Summit for their commitment to accelerating energy efficiency. Take some time to watch the inspiring State Champion videos and read the case studies for each of our Business Leaders [here](#).
- A number of the 2013 Business Leaders received media attention as a result of their award:
 - Connecticut: [Boehringer Engelheim, Covidien, ESPN](#)
 - Connecticut: [Boehringer Engelheim](#) - [here](#) and [here](#); and [Covidien](#)
 - Massachusetts: [Cape Cop Commercial Linen Service](#) - [here](#) and [here](#)
 - New Hampshire: [Woodstock Inn & Station Brewery](#)
 - Vermont: [Green Mountain Coffee Roasters](#)
- In conjunction with the NEEP Summit, we held a special breakfast roundtable to welcome our 2013 Business Leader honorees and their program administrator sponsors, and to provide marketing and outreach materials to help them publicize their awards. NEEP also led a discussion of some of the pressing public policy issues affecting energy efficiency, encouraging the businesses to provide their voice in support of efficiency. NEEP offered support for these efforts, noting that our public policy and marketing teams were available as a resource for their outreach and communications initiatives.



- In addition to the annual recognition program, NEEP continued to partner with Cater Communications on the Businesses for a Clean Economy Communications Initiative in Massachusetts, and submitted a successful proposal to the Emily Hall Tremain Foundation to support this project in Connecticut.

NEEP Sponsorship & Partners Program

NEEP continued to confirm and engage [Sponsors](#) and [Partners](#) in the second quarter of the year. Sponsors represent utilities and efficiency program administrators from across the region—including from Vermont, New Hampshire, Massachusetts, Connecticut, New York, Rhode Island, and the District of Columbia. Our Partners Program continues to grow in popularity, and two long-time NEEP Partners—Osram Sylvania and Cree Lighting—rejoined the program in the second quarter.

The second quarter focused on engagement of our Sponsors in NEEP projects in support of our common goal to keep the region a national leader in efficiency. [NEEP's Summit](#) also provided numerous opportunities to showcase our Sponsors' commitment to, and leadership in, energy efficiency, with many playing key roles—including providing generous event sponsorship, input on program development, and nomination of the [2013 Business Leaders](#). NEEP Partners were also well represented at the NEEP Summit, with many providing sponsorship, as well as showcasing their energy efficiency products and services as exhibitors during the reception and throughout the program.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP's [Partners Program](#) is now comprised of 16 organizations—the most to date—who support NEEP's mission and 2013 Business Plan in exchange for membership benefits.
- NEEP collaborated with our [Sponsors](#) and their nominees for [2013 Northeast Business Leaders for Energy Efficiency](#) to highlight the potential of regional efficiency programs and the economic and environmental benefits of energy efficiency for the region.

NEEP Strategic Marketing & Communications

In the second quarter, the Strategic Marketing and Communications (SMC) team continued to develop NEEP's brand management strategy with a particular focus on our web presence. The team devoted a considerable amount of time to diversifying topics of our [blog posts](#), drawing from all NEEP project areas to present a well-rounded view of the activities and partnerships that are moving efficiency forward in the Northeast and Mid-Atlantic region. The team delivered a training to the entire organization to provide guidance on writing a compelling blog post that keeps the reader engaged and informed. In addition to the focus on the blog, the SMC team also introduced the organization to a new Content Management System for our website, www.neep.org. The new system will allow NEEP to give visitors to the website a more streamlined experience with easily accessible resources and information.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP staff were featured speakers at a number of industry events:
 - Sue Coakley, Executive Director - [2013 Energy Efficiency Global Forum](#)
 - Carolyn Sarno, Senior Program Manager, High Performance Buildings - [The American Institute of Architects 2013 National Convention](#)
 - Carolyn Sarno and Julie Michals, Director, Regional EM&V Forum - [2013 U.S. Department of Energy Better Buildings Summit](#)
 - John Puc, Director, Market Strategies - [Transforming New York's Energy Future: Policy, Innovation, and Economic Growth](#)



- NEEP published 21 posts to our blog, EnergyEfficiencyMatters.org, with the following attracting the most readers:
 - [In Connecticut it's Back to the Future... Unfortunately](#)
 - [The Cold Shower, Plan Ahead and You'll Avoid It](#)
 - [60 Seconds on Why Building Energy Reporting is Good for Boston](#)

- Notable web analytics for the second quarter include:
 - [Twitter](#) - NEEP gained 400 new followers
 - [neep.org](#) - 11,000 visits to NEEP's website
 - [EnergyEfficiencyMatters.org](#) - 3,600 visits to NEEP's blog

- Press Releases Issued in the second quarter:
 - [NEEP Names 2013 Business Leaders for Energy Efficiency](#)

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REDUCE BUILDING ENERGY USE

Make possible a future in which all homes and buildings are zero net energy, through incremental yet aggressive improvements to building energy policies and programs.

NEEP's *Buildings* strategies support the reduction of wasteful energy use in commercial, residential, and multifamily properties through support for public policies, incentive programs, advanced building energy codes and rating, and expansion of high performance schools and public buildings. The built environment is one of the largest users of energy, and improving home and building energy efficiency provides benefits to the economy, environment, and society.

Building Energy Codes

NEEP supports and facilitates Energy Code Collaboratives throughout the region and has been an active participant with the New Hampshire and Delaware groups since their formation. These collaboratives, also referred to as "Compliance Coalitions," create an open dialogue and clearinghouse for ideas related to energy codes and are designed to assist states that are struggling with declining budgets, resources, and staff by assembling a team of diverse stakeholders to ensure greater compliance with the energy code. It is a proven best practice in not only New Hampshire and Delaware, but also Idaho, Nevada, Colorado, and Texas.

The Delaware Division of Energy and Climate (DE&C) created the Delaware Energy Code Coalition in November 2011 to achieve 100-percent code compliance in the state by 2017. The New Hampshire Building Energy Code Compliance Collaborative began meeting with stakeholders in the fall of 2012, and continues to convene monthly to further the state's Code Compliance Roadmap.

NEEP participated in the Delaware collaborative's April meeting, offering advice on how to address economic concerns presented by the homebuilders industry lobby. We also participated in the June meeting, where we provided technical feedback on the residential energy code. NEEP will co-host with DE&C a full-day training on the 2012 IECC for Delaware building professionals in August. Additionally, as part of the New Hampshire Collaborative, NEEP advises two co-committees, one focused on enhancing code compliance and the other on engaging the real estate community and greening the Multiple Listing Service (MLS). Learn more about the success of New Hampshire and Delaware's Code Collaboratives in NEEP's [Model Progressive Building Energy Codes Policy](#).

Other noteworthy achievements in the second quarter of 2013 include:

- The Rhode Island Code Compliance Enhancement Initiative was officially launched in May. The team behind this initiative, known as the "Code Implementation Working Group," is comprised of NEEP, the Rhode Island Code Commission, National Grid, and the contractor team led by Conservation Services Group (CSG). The group met in May to identify a tentative schedule for time-sensitive topics such as trainings and the circuit rider program, as well as tracking mechanisms, as Rhode Island will be one of the first states in the country to allow its energy efficiency program administrator to claim savings for this important code compliance work.
- In Rhode Island, NEEP testified at the May Codes Committee meeting in support of the 2012 IECC adoption, stating our opposition to any amendments that would make the code less stringent. The codes proposal package passed and the 2012 IECC with amendments was officially adopted July 1, 2013. The code was adopted with a few compromises to appease the building community, including retaining the 2009 thermal envelope table and modifications to the blower door testing requirements. Blower door test results will still be reported to the state and used to identify problem areas in enforcement and to enhance code trainings conducted through the state's new Code Compliance Enhancement Initiative.



- NEEP promoted the important role of energy efficiency program administrators in supporting successful code adoption during a NEEP-hosted webinar on March 21. The webinar featured the findings of the new report, [*Attributing Building Energy Code Savings to Energy Efficiency Programs*](#), released jointly by NEEP's Regional Evaluation, Measurement and Verification (EM&V) Forum, the Institute for Market Transformation (IMT), and the Institute for Electric Efficiency (IEE). The report details state-level estimates of savings potentials from involvement of efficiency program administrators in codes and standards, and provides guidance and recommendations on attributing savings to such program involvement.
- NEEP continued to support the New Jersey Division of Codes and Standards with its code adoption and compliance efforts. Together with regional and national allies, NEEP has been strategizing on how to make the 2012 energy code adoption a top priority for the administration of Gov. Chris Christie this year, and helped develop a support letter stressing the importance of adopting the code soon in order to take full advantage of this year's construction season and post-Hurricane Sandy re-build efforts.
- On June 27, NEEP hosted its second Regional Building Energy Codes Leadership Group webinar of the year, attended by over 30 participants. Nine of the states in NEEP's region were represented, joined by code advocates from national organizations such as the American Council for an Energy-Efficient Economy (ACEEE), the National Association of State Energy Officials (NASEO), the National Resources Defense Council (NRDC), and the Energy Efficient Codes Coalition (EECC), as well as supporting utilities and other energy efficiency program administrators including Efficiency Vermont, National Grid, and United Illuminating. The group was presented with a regional update on the 2012 code adoption progress, a detailed recap of the April IECC Hearing in Dallas, Texas, as well as how to prepare for the ICC Annual Conference in Atlantic City, New Jersey this fall.
- NEEP provided technical assistance to Efficiency Vermont prior to the state passing its omnibus energy bill, H520, which for the first time includes provisions that would prompt the adoption of a "stretch" energy code for the state. These provisions are part of a broader set of provisions intended to improve energy code compliance and were signed into law by Gov. Peter Shumlin in early July. NEEP is a long-time proponent of states adopting a stretch energy code that goes beyond the energy efficiency requirements of the state building energy code.
- NEEP and IMT's proposed session was accepted into the Greenbuild 2013 education program, scheduled for November 22 in Philadelphia. The session will focus on the benefits of increased energy code compliance, how to make code compliance practices more effective without increasing the cost or regulatory burden for high performing buildings, and new funding sources to enhance compliance.
- NEEP continued to actively engage with the National Energy Codes Collaborative, a joint partnership of the US DOE, PNNL, BCAP, NASEO, and the other regional energy efficiency organizations (REEOs). The Collaborative, with a common goal of promoting state code adoption and enforcement policies set by the DOE, convened monthly throughout the quarter to discuss energy code issues, best practices, and opportunities to streamline efforts.
- On May 14, NEEP attended and participated at the Massachusetts Board of Building Regulations and Standards (BBRS) public hearing to discuss the proposed 2012 IECC package up for adoption. The BBRS is scheduled to vote on adopting the state energy code on July 9, and enforcement of the code would become mandatory July 1, 2014. NEEP provided technical guidance and clarification on the 2012 IECC mechanical ventilation and third-party certification requirements to the Energy Advisory Committee (EAC), which reports back to BBRS.



- NEEP, as project lead contractor to the Massachusetts Department of Energy Resources (DOER), continued to support the office's efforts to promote the next version of the state's stretch energy code for commercial buildings. NEEP delivered the updated code to DOER in the spring of 2012, but delays have prevented the BBRS from holding adoption proceedings. A fall 2013 hearing is currently expected for the stretch code adoption, and NEEP continues to work with DOER and the Massachusetts Climate Action Network (MCAN) to develop supporting materials, such as fact sheets and presentations, that make the case for the adoption of the stretch code.

Building Energy Rating

In an "all hands on deck" effort, NEEP brought together a large group of advocates including local businesses, property owners, and regional and national environmental organizations to promote the benefits of the building energy disclosure in response to proposed Boston City Council ordinance to require building energy reporting and disclosure in the city. NEEP developed and disseminated talking points and helped the group strategize on a multi-pronged approach to garner widespread support for the ordinance. NEEP also provided guidance to the group on a social and traditional media strategy, and voiced support for the ordinance in [testimony](#) and on [our blog](#).

On May 8, with a 9-4 vote, the Boston City Council voted to adopt energy benchmarking for large buildings, with the goal of promoting energy and carbon savings in Boston's commercial and industrial building sector, which is responsible for almost half of the city's greenhouse gas emissions. As noted on [our blog](#), evidence from existing programs suggests that benchmarking will drive significant energy savings in Boston's building stock. And, according to a study by [First Fuel Software](#), almost half of savings in commercial buildings are achievable through low-cost operational improvements. A broad array of groups backed the measure, including Boston Properties, Beacon Capital Partners, Jones, Lang, Lasalle, Winn Companies, Saunders Hotel Group, the Conference of Boston Teaching Hospitals, A Better City, Boston's Green Ribbon Commission, and the Boston Society of Architects. NEEP aided Jones, Lang, LaSalle—a worldwide property management firm—to develop an op-ed piece that appeared in *Banker and Tradesman*, the leading business and real estate news journal in the city, just prior to the Council's adoption. By enacting [Docket #726](#), Boston becomes the first city in New England and the eighth nationwide to provide energy transparency in their buildings.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP and the Massachusetts DOER's proposed session, *Asset Ratings: What's the Score?* was accepted for presentation at [Greenbuild 2013](#). The session will focus on the [Massachusetts Raising the BAR \(Building Asset Rating\) Pilot](#), asset rating efforts by the California Energy Commission (CEC), and the US DOE's commercial building energy asset scoring tool.
- NEEP staff participated in the Energy Efficiency Policy Forum in Philadelphia in May, organized by IMT, NRDC, and the Energy Efficient Buildings (EEB) Hub. NEEP shared best practices and lessons learned from the successful coalition efforts led in Boston around the City's adoption of the building energy disclosure ordinance, discussed above.
- In June, NEEP and Massachusetts DOER officially launched phase 2 of the [Massachusetts Raising the BAR \(Building Asset Rating\) Pilot](#). Two of the innovative methodologies tested in phase 1 will be further explored through broader deployment across a sample of approximately 40 commercial office buildings in the Greater Boston area. Recruitment of buildings is underway and building analyses will occur over the summer; evaluation of the results is expected to be complete by March 2014. Learn more about the exciting and cost-effective methodologies being tested in this [two-page summary](#).



- NEEP participated in a DOE-hosted teleconference in April where Joan Glickman discussed strategies related to DOE's Home Energy Score. The group participated in a short demo of the tool and discussed how to support and encourage its market adoption.
- In late May, NEEP reconvened its Connecticut Codes & Rating Coalition in an attempt to salvage the building energy rating provisions threatened by real estate interest groups and at risk of being removed from Connecticut's Comprehensive Energy Strategy (HB 6360). NEEP developed a fact sheet to promote understanding of the value of building energy rating and Section 10 of HB 6360. Unfortunately, Section 10 of the bill, which would set requirements for the reporting and disclosure of energy use for large commercial buildings, was not retained. The Coalition will meet again in July to discuss next steps and how to reposition building energy rating as a key component to the state's efficiency goals.

High Performance Public Schools & Buildings

In 2012 NEEP released the [Roadmap to Zero Net Energy Public Buildings - Recommended Steps for the Northeast & Mid-Atlantic](#). Developed in collaboration with a group of regional building energy stakeholders, the report outlines key steps the public sector can take to facilitate the broad adoption of zero net energy building practices. Zero net energy (ZNE) buildings continue to be a NEEP focus, with the 2013 goal that the region leads the nation in construction of ZNE buildings.

In the second quarter, NEEP supported states as they developed policies and practices to put public facilities on the pathway to zero net energy:

- In June, NEEP presented at the AIA National Convention in Denver, Colo., on a session titled: [Zero Net Energy Buildings: From Policy to Practice](#). Nearly 300 stakeholders attended in person, and another 100 virtually, as NEEP's Carolyn Sarno provided an overview of the roadmap. Practitioners also provided "lessons learned" from two ongoing Massachusetts zero net energy projects—one at the Division of Fisheries and Wildlife Building in Westborough, Mass., and another at the John W. Olver Transit Center in Greenfield, Mass.
- At the invitation of the New Buildings Institute (NBI), NEEP took part in a planning session for the [Getting to Zero National Forum](#), which will take place September 17-18 in Denver, Colo., in conjunction with NASEO's annual meeting. This first-of-its-kind forum will bring together leading policymakers, design professionals, building owners, and commercial real estate representatives. NEEP will contribute to future planning efforts and is partnering with NBI to incorporate recommendations from the ZNE Roadmap into the Forum.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP convened its High Performance Schools Leadership Group for a teleconference in June to discuss regional policy, programs, and resources in high performance school construction and operation. The call included 30 participants from around the region, including National Grid; NYSEERDA; New Hampshire, Rhode Island, and Vermont Departments of Education; Massachusetts, Maryland, and Pennsylvania Energy Offices; DOE; EPA; and non-profits including the Collaborative for High Performance Schools. Presentations included:
 - Update on US DOE's [Better Buildings Challenge](#)
 - Connecticut's Green LEAF Schools Program
 - Pennsylvania Green Ribbon Schools
 - New Hampshire Schools Update
 - [Vermont Green Ribbon Schools](#)



- NE-CHPS 3.0 and CHPS core criteria
- [CHPS](#) National Partners Calls
- Vending Machine Standard

- NEEP continues to update its [NE-CHPS Operations and Maintenance Guide](#), which currently focuses on guidance for school buildings, to include strategies for all public buildings. In the second quarter, NEEP shared the draft guide for peer review with select stakeholders. Based on this feedback, NEEP made further revisions and will be releasing the final guide in August.

- NEEP's Carolyn Sarno continues to co-chair a subcommittee of the [State Energy Efficiency \(SEE\) Action Existing Commercial Buildings Working Group](#). The group is focused on creating a policy framework that will assist state and local governments in developing targeted energy outcomes for commercial building efficiency. Topics include policies on benchmarking, auditing, building operator training, occupant engagement, and capital upgrades. NEEP facilitated and provided technical guidance to the subcommittee, and a final product is expected in the fall.

- In April, NEEP [submitted comments](#) to the General Services Administration (GSA) on the appropriateness of the [Green Building Certification System Review](#) as they may apply to federal buildings under the GSA's purview. We support the federal government's desire to construct and maintain its building stock in an energy efficient manner, but have concerns with selecting a set number of certification systems that would qualify as appropriate for federal buildings.

- NEEP continued to work closely with [CHPS](#) to strengthen the administration of the CHPS protocol throughout the region and aid in the development of a national green schools movement. To support this effort in the second quarter, NEEP participated in the CHPS Board meeting in Sacramento, Cali., and also held several discussions with CHPS staff on the development of the National CHPS Core Criteria and how it will be used to update the NE-CHPS protocol later in the year.

- At the invitation of the [Energy Efficient Buildings Hub](#), Carolyn Sarno was asked to be an external reviewer of their Markets and Behaviors Tasks, which included behavior modification, energy codes, energy policy strategy, and funding. NEEP found the tasks to all be in alignment with the Hub's and NEEP's common goal to reduce energy use in buildings.

- At the invitation of the US DOE, Carolyn Sarno moderated a session on "Making It Happen - Engaging Your Stakeholders in Energy Plan Implementation" at the second annual [Better Buildings Summit for State and Local Communities](#). The session, attended by over 50 stakeholders, focused on how to creatively engage internal and external stakeholders in executing their energy plans.

- At the invitation of EPA Region One, NEEP participated in a [school siting training](#) along with state agencies and other advocates from the Northeast region. NEEP plans to use the information from the training to inform updates to NE-CHPS.

- NEEP regularly participated in committee meetings dedicated to high performance building best practices in state and federal government, including:
 - Boston Society of Architects' Committee for the Advancement of Sustainability
 - SEE Action Committee Existing Buildings Commercial Buildings Working Group
 - New Hampshire High Performance Schools Working Group
 - Massachusetts Green Schools Working Group
 - Rhode Island Sustainable Schools Summit Planning Committee



Comprehensive Multifamily Retrofit

NEEP convened the [Regional Multifamily Retrofit Workshop: Challenges and Opportunities in the Multifamily Market in the Northeast and Mid-Atlantic Regions](#), held in conjunction with the annual [NEEP Summit](#), which focused on the complexities and barriers of the multifamily market. NEEP facilitated a Workshop Planning Committee that played a vital role in developing the focus and agenda for the day. The Committee included representatives from local and state housing and finance agencies, the finance sector, practitioners, and efficiency program administrators. The workshop informed the continuing regional efforts to increase comprehensive multifamily retrofits by providing actionable information to increase the visibility of, and build momentum for, the multifamily market to achieve deep energy savings.

Three sessions took place: Public Policies that Value and Support Multifamily Retrofits; Finance; and Communications, providing over 80 attendees with an overview of regional activities and insights into policies and programs that are moving the multifamily market forward. Attendees included representatives from Northeast and Mid-Atlantic local and state government housing, finance, and energy agencies, the EPA, energy efficiency program administrators, financing experts, non-profit clean energy advocates, academia, consultants, and other key stakeholders. Take-aways from the workshop will inform the development of NEEP's regional multifamily efforts to achieve sustained energy efficiency in the region.

Highlights of the workshop included:

- An examination of public policy support for multifamily retrofits revealed that policy is inconsistent, building energy rating and disclosure is imperative, and that lack of building operator expertise leads to inconsistent savings.
- An assessment of the finance aspects of multifamily retrofits focused on the complex nature of the topic, the lack of demand for multifamily financing, and that the development of products, which will follow increased demand, will include on-bill repayment and funding guarantees.
- A review of the communication challenges and opportunities included potential solutions to addressing various issues with building owners, lenders, tenants, and other stakeholders.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP began development of the second of three planned white papers, *Increasing Energy Efficiency in Small Multifamily Properties in the Northeast: Data, Analysis, and Recommendations for Policy Action* that will focus on multifamily policy in the Northeast and Mid-Atlantic region. The paper will address the background of multifamily housing in the region and will incorporate findings from a recent market characterization and data analysis report, identify existing policies, determine how those policies impact current efforts at increasing multifamily retrofits, identify gaps in policies, and make recommendations to move the market forward.
- NEEP added resources to the [Comprehensive Multifamily Retrofit Resource Center](#), an online source of information on activities and news from the Northeast and Mid-Atlantic region and beyond. New resources include presentations and [meeting notes](#) from the Multifamily Leadership Group annual in-person meeting held at the EPA's New England Regional Headquarters; presentations from the American Council for an Energy-Efficient Economy 2013 Market Transformation Symposium; and a Bangor, Maine seven-unit building multifamily retrofit case study. Updates were also made to the [Comprehensive Regional Multifamily Program Matrix](#) of all programs offered by regional energy efficiency program administrators. These new resources and updates provide valuable information to the multifamily sector allowing for the advancement of knowledge and best practices.



- NEEP participated in the Massachusetts Institute of Technology in the [Community Energy Innovations: Cambridge Multifamily Pilot Design Practicum Symposium](#). The Symposium, led by MIT Community Efficiency Practicum students, focused on their proposed multifamily strategies, in addition to elements of a potential multifamily retrofit pilot program in Cambridge, MA. NEEP offered its expertise in the multifamily market to provide information and guidance to further future pilot program analysis and planning.
- NEEP, as a member of the National Multifamily Energy Efficiency Group, participated in a bi-monthly call that covered upcoming meetings and conferences; new program evaluation and research reports; and multiple building energy assessment, auditing, and retrofit tools. The group focuses on coordinating activities to leverage resources and identify opportunities for collaboration. The development and operation of the group provides a platform from which key multifamily policies and issues can be addressed on a regional and national scale, providing expertise to address long-standing barriers to moving the market forward toward greater energy efficiency.

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SPEED ADOPTION OF HIGH EFFICIENCY PRODUCTS

Identify and accelerate the adoption of high-efficiency residential and commercial lighting and consumer products through education, incentive programs and public policies.

NEEP's *Products* strategies promote adoption of high efficiency lighting, consumer electronics, emerging technologies, and myriad other appliances. Many of the products currently on the market are inefficient, and their use is a major driver of electricity consumption and resulting greenhouse gas emissions. NEEP's regional efforts are essential to engage and leverage the marketplace and keep the region a national leader in the sale of high efficiency, market-ready products.

High Efficiency Residential Lighting

The [Northeast Residential Lighting Strategy](#) (RLS), originally published in spring 2012, is a critical document that requires annual updates. NEEP made significant progress this quarter toward preparation of the second annual update—the 2013-2014 Residential Lighting Strategy Update (RLS-U2). NEEP created a project plan and scope of activities for review and approval by staff and project sponsors. NEEP is again contracting with Optimal Energy and Energy Futures Group, to continue our joint effort in achieving energy savings through residential lighting. The RLS-U2 is scheduled to be released and disseminated in the third quarter.

To prepare for the second update, NEEP collected lighting data from regional energy efficiency program administrators. This data will inform program planning and projections of savings potential, provide analysis of developments in the lighting landscape, and aid in the comparison to the original RLS recommendations. NEEP also developed a Leadership Advisory Committee (LAC) to advise the development and direction of the RLS-U2. The LAC consists of partners from regional efficiency programs, regulators, policy makers, industry, and other stakeholders involved in the lighting market. The update to the RLS will continue to clarify the opportunities for and strategies to achieving the regional goal of 90 percent household socket saturation by the year 2020, thus keeping the Northeast and Mid-Atlantic region a national leader in energy efficiency.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP connected with leading experts in lighting at national events throughout the region. Staff attended LightFair International in Philadelphia, PA—the world's largest annual architectural and commercial lighting trade show and conference. Additionally, NEEP attended CEE's Summer Program in Boston, to delve deeper into topics discussed at regular CEE committee meetings, in which NEEP regularly participates.
- To stay engaged in and abreast of federal programs, NEEP created an easily accessible Excel spreadsheet for our Sponsors to track Nominations Requests for ENERGY STAR Verification Testing. These requests help ENERGY STAR to ensure that their qualified products meet certain standards. NEEP also attended an ENERGY STAR Lamp specification call on May 13, and subsequently submitted comments to ENERGY STAR on Draft 4 of the Lamp Specification on May 17. NEEP was also pleased to present our Sponsors with recognition of the [2013 ENERGY STAR Award for Sustained Excellence](#)—evidence of the region's continued national leadership in energy efficiency.
- NEEP provides monthly updates to members of its Retail Products Working Group and other invested stakeholders—including NEEP Sponsors, or energy efficiency program administrators. In the second quarter, these communications included updates on various projects, including activities related to residential lighting, including the update to the RLS.



- On May 17, NEEP hosted a webinar presentation on the Residential Lighting Strategy (RLS). During the presentation, we highlighted the need to address barriers to high efficiency residential lighting in the region, shared recommendations from the RLS and RLS Update, and announced the timeline for the second RLS Update. After a brief discussion surrounding data gaps and lighting priorities, NEEP gathered feedback to inform the development of the RLS Update in progress.
- NEEP continued to develop and maintain our online [Residential Lighting Resource Center](#). This online resource provides a one-stop shop for information for stakeholders including efficiency program administrators, regulators, policy makers, and the media. NEEP continues to update the resource on a regular basis with new information, relevant features, factsheets, critical regional lighting updates, and recommendations from the RLS and RLS update.
- The [two-page summary of the last RLS Update](#), originally published in the first quarter, was updated to better reflect the report's findings. This summary offers a snapshot of the RLS Update, including potential energy savings and recommendations for energy efficiency programs.
- On May 13, NEEP's Retail Products Team hosted a "lunch-and-learn" for the entire organization. The presentation focused on findings from the RLS Update, and on the present and future role of residential lighting in energy efficiency programs.
- NEEP released a blog post on May 1, titled [The Future of Lighting--Today? LightFair 2013 in Perspective](#), to provide the audience with the perspective of those that attended the event. Key take-aways were that the innovative products and technologies showcased at the event show great promise for energy savings and the future of the lighting industry.

DesignLights Consortium® Solid State Lighting Qualified Products List

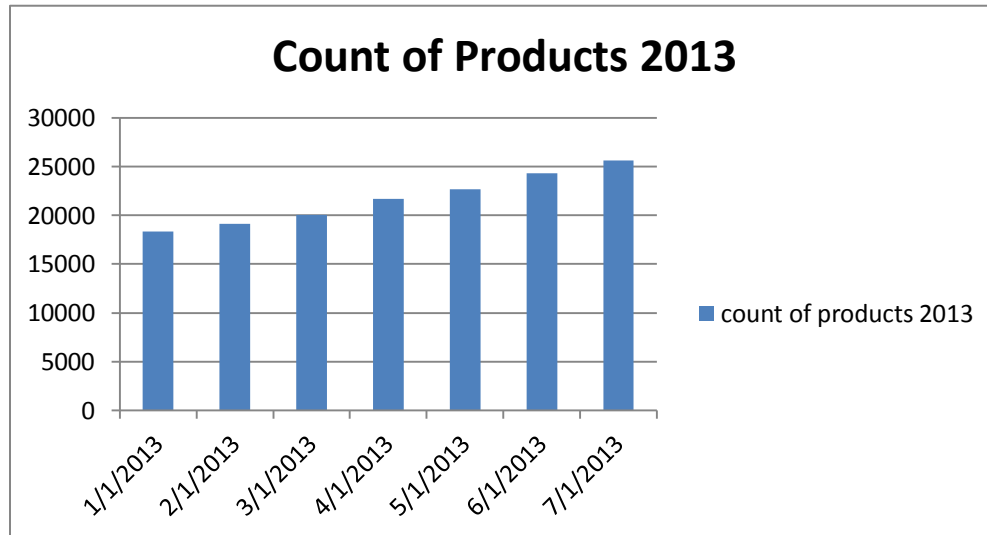
The DesignLights Consortium® (DLC) continued to experience tremendous growth throughout the second quarter of 2013. The Qualified Products List (QPL) grew by nearly 3,000 products, breaking the 25,000 mark at the end of the quarter. NEEP also published DLC's new [Technical Requirements Table v2.0](#), a result of finalizing DLC's annual specification revision process. The release of these revised specifications marked the start of a 270-day grace period for products that are listed on the QPL and qualified under the old specifications, the end of which is aligned with the typical January to December program year. Furthermore, DLC began the annual category and specification development process, and will be releasing draft specifications for several new categories early in the third quarter. These specifications and their constant expansion are the foundation of the QPL. In order to meet the needs of all DLC participants, NEEP developed draft specifications with input from technical advisors, DLC members, and all known LED luminaire manufacturers who engage through the DLC industry-input process, launched in 2011.

Additionally, NEEP finalized plans for the second annual [DLC Stakeholder Meeting](#) to be held July 22-25 in Chicago, Ill. The event will offer stakeholders from across the lighting industry the opportunity to come together and discuss topics ranging from market development, to specification development and safety, to future SSL savings opportunities. NEEP will also reveal the new [DLC website](#), which will feature a user-friendly, searchable QPL database. Lastly, DLC expanded its network of manufacturers and efficiency programs through presentations and participation at public forums, increasing recognition within the lighting industry.

Other noteworthy achievements in the second quarter of 2013 include:



- The DLC QPL grew by 3,010 products, leaving the product count at an impressive 25,622 products at the end of June. This represents products from 378 different manufacturers.



- The DLC Website and Database project was launched in the fall of 2012 to convert the QPL from its Excel-based format to a more user-friendly, sortable, searchable, [web-based database](#). This complements the introduction of the new [DLC website](#), complete with a fresh, clean look and a web-based content management system. By the end of the quarter, NEEP had finalized the website and database framework and offered a soft launch to members of the technical committee and their customers to give them the opportunity to test the new database and website before the official launch in conjunction with the [2013 DLC Stakeholder Meeting](#).
- NEEP began DLC’s annual category and specification development process and will be releasing draft specifications for expanded retrofit kit, high power outdoor luminaires, two foot and U-bend replacement lamps, as well as linear ambient lighting categories for review in the next quarter. These specifications are the foundation of the QPL, and many members of the DLC community—efficiency program managers, manufacturers, and advisors—rely on them to support their activities (e.g., product development and program planning). To ensure that the specifications meet the needs of all participants, they are developed with input from technical advisors (e.g., D&R International, Pacific Northwest National Laboratory), DLC members, and all known LED luminaire manufacturers who engage through the DLC industry input process launched in 2011.
- NEEP shared regular updates with DLC members including program updates, general information, and announcements. The feedback from DLC Members has been very positive, as the DLC Member Update acts as a tool not only to inform members, but to assist them in informing their teams and customers about DLC program efforts.
- In the second quarter, the DLC Twitter account, [@DesignLightsSSL](#), gained approximately 50 new followers as a result of daily tweets about industry news, conference outcomes and observations, as well as general updates from DLC.
- NEEP continued to renew memberships for [DLC’s current members](#). The DLC was pleased to welcome new member the Southeast Energy Efficiency Alliance (SEEA) this quarter. This brings



the member count to a total of 66, covering the Northeast, Southeast, Northwest, and some of the South and Midwest of the United States, as well as several Canadian provinces.

- The [2013 DLC Stakeholder Meeting](#) is scheduled to be held July 22-25 at the Hyatt Magnificent Mile in Chicago, IL. The meeting will feature one half day of informal sessions, workshops, and continuing education unit courses; two full meeting days; and a members-only meeting day. This will encourage interaction among industry players and energy efficiency program managers as well as provide an opportunity for DLC members to come together and discuss important project developments. Agenda topics range from Specification Development and Linear Replacements, to Outdoor Lighting and Advanced Lighting Controls.
- NEEP developed a new DLC identification logo for use by manufacturers to indicate that their product is DLC qualified and on the QPL. The logo will be revealed at the DLC Stakeholder Meeting, along with new logo guidelines and best practices regarding DLC trademarks.
- NEEP participated in numerous briefings, presentations, webinars, and receptions:
 - On April 4, NEEP's Commercial Program Manager, Irina Rasputnis presented at the [LIPA Energy Efficiency Conference for Long Island Businesses](#).
 - On April 9-10, Irina Rasputnis attended the invitation-only West Coast Utility Lighting Team (WCULT) meeting in San Diego, CA, where she presented on the recently published DLC Specification Revisions and updates to the [DLC website](#).
 - On April 21-25, NEEP's DLC team attended LIGHTFAIR International in Philadelphia, PA—the biggest lighting event of the year. This tradeshow draws thousands of attendees and exhibitors each year, and not only offers the biggest and most innovative display of lighting technologies but also workshops on “hot topics” such as lighting controls and LED retrofits, lighting design, and introductory-level courses on the basics of lighting. This is an excellent venue to explore the vast lighting industry and learn about leading-edge developments in technology. It is also an opportunity to assess and expand visibility and awareness of the DLC program.
 - On May 29, NEEP attended the lighting-focused session at the CEE Summer Programs Meeting in Boston, MA, which included a trip to SYLVANIA's Lightpoint facility.
 - On June 18-19, NEEP hosted its annual [Northeast Energy Efficiency Summit](#) in Springfield, MA. In conjunction with the Summit, NEEP's Commercial Lighting team convened a workshop focused on Advanced Lighting Control Systems (ALCs), attended by over twenty energy efficiency program managers, advisors, and invited manufacturing experts. The objective of the workshop was to explore opportunities for program managers to serve their commercial customers and attain maximum energy savings from lighting. The gathering resulted in development of a framework for further discussion, to inform solutions for use in future efficiency programs.
 - On June 24-28, NEEP's Commercial Program Manager Jon Linn attended EuroLED in Birmingham, England. He presented to an audience that included component- and luminaire manufacturers, academics, and testing laboratory representatives.
- The DLC team contributed to NEEP's blog three times throughout the quarter:
 - [Registration has opened for the most anticipated Solid State Lighting event of the year!](#)
 - [The DLC sheds some light on LIGHTFAIR2013](#)
 - [Join the DLC in Chicago to Delve into the Ever-Evolving SSL Industry](#)
- NEEP provided monthly updates to the [web-based SSL resource center](#), incorporated in the DLC website.



High Efficiency Emerging Technologies

Energy use associated with heating and cooling represents nearly half of the total energy used in U.S. homes. Ductless heat pump heating and cooling systems offer the potential to significantly reduce energy use in homes across the range of fuels used to maintain thermal comfort—electric, gas, heating oil, and propane. In the second quarter, NEEP launched development of the *Northeast/Mid-Atlantic Ductless Heat Pump Market Transformation Strategy*. The strategy will present strategies the region can adopt to drive market uptake of this technology. It will also illustrate barriers and solutions to reducing residential energy consumption with energy efficient ductless heating, ventilation, and air conditioning (HVAC) systems.

Following finalization of the project scope, a solo Request for Proposal was sent to the contractor, Steven Winters Associates, to lead development of the strategy. With approval of the contractor's proposal, the project was launched and a Leadership Advisory Committee (LAC) was established to inform the strategy. The LAC plans to meet three times, including one in-person meeting. Once finalized, this strategy will identify opportunities and strategies to advance ductless heat pump technologies for a range of key stakeholders—including public policy makers, efficiency program administrators, HVAC manufacturers, distributors, contractors, service providers, home builders, and consumers—with the goal to maximize energy savings and keep the Northeast and Mid-Atlantic region a national leader in energy efficiency.

Other noteworthy achievements in the second quarter of 2013 include:

- On May 16, NEEP convened a meeting for the heat pump water heater (HPWH) Working Group to discuss development and implementation of NEEP's [Northeast and Mid-Atlantic Heat Pump Water Heater Market Strategies Report](#), published in December 2012. The group agreed that it would be most effective to address the several priority recommendations through individual sub-committees: 1) guidance to ENERGY STAR's consumer marketing efforts; 2) filling data gaps; 3) promoting cooperative promotions; and 4) contractor case studies.
- In an effort to reach public policy makers with the messages of the HPWH Strategy, on May 23 NEEP held a webinar highlighting the near- and long-term recommendations of the strategy. Key take-aways for the audience included supporting HPWH promotions, engaging in federal rulemaking, participating in the HPWH Working Group, and general dissemination.
- Development of the [Emerging Technologies Resource Center](#) was completed in the second quarter. This online resource provides a one-stop shop for information for stakeholders including efficiency program administrators, regulators, policy makers, and the media. Information is organized under two major topic areas—HPWHs and ductless HVAC technologies. NEEP updates the resource on a regular basis with new information, relevant features, important regional updates, and recommendations from the HPWH Strategy.
- Trade ally exchanges are facilitated regularly to introduce energy efficiency programs to industry partners to encourage potential cooperative opportunities. On April 8, NEEP partnered with Sears Holding and General Electric to discuss their new joint HPWH promotions.
- To further support trade ally collaboration, on April 25, NEEP attended a gathering hosted jointly by Mitsubishi and the Northeast Sustainable Energy Association (NESEA) to discuss *Opportunities and Challenges for Application and Design of Inverter Driven Heat Pumps for Low Load Buildings*. Additionally, NEEP participated in a site visit at Nyle Systems on June 17, as well as a DOE expert meeting on ductless air source heat pumps on June 20.



- Two “Incentive Summaries” for the Northeast and Mid-Atlantic Region were developed—one for HPWH and one for ductless heating pump technologies. Each state in the region offers different incentives for each type of technology, and these summary documents offer a snapshot of the entire region, allowing industry partners to understand program activity across state borders.
- NEEP provides monthly updates to members of its Retail Products Working Group and other invested stakeholders—including NEEP Sponsors, or energy efficiency program administrators. These communications included updates on various projects, such as activities related to Emerging Technologies project and continued dissemination of the HPWH Strategy.
- NEEP created an easily accessible Excel spreadsheet for our Sponsors to track Nominations Requests for ENERGY STAR Verification Testing. These requests help ENERGY STAR to ensure that their qualified products meet certain standards.
- NEEP published a blog post on May 22 titled, [The Cold Shower: Plan Ahead and You’ll Avoid It](#). The piece highlights the need to educate consumers on the long-term financial incentives of HPWHs, and to address the lack of information surrounding the technology. This supports ongoing dissemination of the messages and recommendations central to the HPWH Strategy.

High Efficiency Consumer Electronics

In conjunction with NEEP’s annual Northeast Energy Efficiency Summit, NEEP hosted on June 18 a [day-long workshop focused on business and consumer electronics \(BCE\)](#). The goal of this workshop was to discuss opportunities to reduce average per household/building energy use from business and consumer electronics, and to focus on accelerating market adoption of high efficiency electronics and the efficient use of those electronics as key paths to achieving program and state energy efficiency goals.

NEEP assembled a comprehensive group of panelists to weigh in on the issues that face BCE, and the workshop was divided into three sessions: ‘Working Together to Build a Program around Margins;’ a discussion of the current state of NEEP’s regional BCE strategy report; and ‘Innovation in BCE Products and Policy.’ The first session provided a national perspective on how BCE programs are currently operating in spite of low marginal savings and profits. In the second session, NEEP presented our preliminary research findings and strategy recommendations for attaining regional energy savings goals through BCE. NEEP collected stakeholder input on the draft strategy report to inform the final strategy, which will be completed by late summer 2013. Lastly, the final session focused on innovations in BCE technology, energy management, and policy. All attendees agreed that there is a pressing need to address the energy efficiency challenges related to BCE products.

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP assembled a project plan and disseminated a Request for Proposals (RFP) for development of the Business and Consumer Electronics Strategy (BCE Strategy). After review and consideration of several proposals, Cadmus Group was selected as the project contractor.
- On May 1, NEEP hosted a kick-off meeting for the BCE Leadership Advisory Committee (LAC) to present the BCE Strategy objectives, roles, and timeline for completion. The Committee reached consensus on the direction and key research themes of the BCE Strategy, and also brainstormed on the structure and potential panelists for the upcoming BCE workshop.
- NEEP hit a major milestone in the second quarter with completion of the skeleton draft of the BCE Strategy, to outline the structure of the report and provide context for the final report. After amassing feedback from the LAC and key stakeholders, the contractors began work on the first draft of the report, due to NEEP for review in the third quarter.



- NEEP connected with leading experts in consumer electronics at national events, including the [CEA Research Summit](#) on June 24 in NYC. The CEA Summit provided a venue for the consumer electronics industry to discuss recent market trends. Additionally, several members of NEEP staff attended the Consortium for Energy Efficiency's (CEE) Summer Program in Boston, to delve deeper into topics discussed at regular CEE committee meetings, in which NEEP has long participated.
- NEEP's [BCE-focused webpage](#), which will ultimately become a comprehensive online resource center, was updated, and there are plans to add additional new resources. Due to an upgrade to NEEP's website, the pages underwent a period of inactivity, but many new materials are ready to be posted. The resource center will be organized into five subsections: Products, Consumer Value, Public Policy, Regional Activity, and the forthcoming BCE Strategy.
- NEEP provides monthly updates to members of its Retail Products Working Group and other invested stakeholders—including NEEP Sponsors, or energy efficiency program administrators. In the second quarter, these communications included updates on various projects, including activities related to the Business and Consumer Electronics Strategy.
- NEEP created an easily accessible Excel spreadsheet for our Sponsors to track Nominations Requests for ENERGY STAR Verification Testing. These requests help ENERGY STAR to ensure that their qualified products meet certain standards. Also related to our involvement in federal processes, NEEP was pleased to present our Sponsors with recognition of the [2013 ENERGY STAR Award for Sustained Excellence](#)—evidence of the region's continued national leadership in energy efficiency.
- On May 3, NEEP's Retail Products Team hosted a “lunch-and-learn” for the entire organization. The presentation included an update on general project activities, with a focus on the Business and Consumer Electronics Strategy and the role of consumer electronics in energy efficiency programs. This informal, collaborative gathering allowed for information gathering, as well as the opportunity to share our progress and findings more broadly.
- NEEP released a blog post on June 11 titled, [Not Your Grandma's Electronics Workshop](#), to highlight the value of attending the June 18 BCE Workshop held in conjunction with NEEP's Summit, and to encourage registration for the event.

Appliance Efficiency Standards

NEEP engaged with the US DOE on its appliance standards rulemaking for [General Service Fluorescent Lamps \(GSFL\) and Incandescent Reflector Lamps \(IRLs\)](#). This rulemaking, currently at the Preliminary Technical Document (PTSD) stage, represents an important opportunity for states to achieve significant energy savings and had been identified as one of NEEP's 2014 priority federal rulemakings. NEEP submitted written comments representing the region's interests, which are considerable given that GSFLs and IRLs are ubiquitous lighting technologies in the commercial and residential sectors, respectively. The combination of their broad use and their individual annual energy needs creates a significant energy footprint at the local, regional, and national levels. When considering the millions of lamps in use throughout the region, every improvement to the efficiencies of these products contributes to important energy and economic savings.

NEEP's comments provided an important opportunity for the region's perspectives to be considered by DOE, and guided the DOE as to how they could most effectively conduct their rulemaking and ultimately adopt as strong a standard as possible. Per usual procedure, NEEP staff attended the DOE's Public Workshop on April 9, and then developed a set of draft comments that were then circulated to



our project partners and other stakeholders to solicit feedback. Over one dozen regional organizations, including several influential state energy offices, endorsed the comments submitted May 13.

This engagement process also included coordination with our national advocate partners, where NEEP provided an information flow from local to national and national to local. Both groups benefit from the variety of perspectives and expertise, which shapes our final input to the DOE.

Other noteworthy achievements in the second quarter of 2013 include:

- To facilitate regional stakeholder input and share information and best practices, NEEP maintained and led our Regional Advisory Group, bringing stakeholders together for the second quarterly meeting of the year. The group includes public agencies (energy offices and utility commissions), efficiency program administrators (utilities and others), and energy efficiency and clean energy advocates. This group guides project activities and provides information regarding standards to inform various energy plans and related activities in the Northeast and Mid-Atlantic states. The group met via webinar on June 26 to review progress toward the project's strategy and prepare for upcoming activities and opportunities. Members discussed federal standards activities, as well as tracked potential opportunities for 2013/14 state standards. These regular discussions help maintain a general understanding and awareness of appliance standards as a valuable policy mechanism to achieve cost-effective energy savings.
- DOE announced the completion of two federal appliance standards revisions—distribution transformers and microwaves. While the standard levels for distribution transformers were not at the levels NEEP supported, the microwave standard levels were unexpectedly strong. As important as the energy savings associated with these new rules, was the very fact that the rules were finalized. Both rulemaking processes had been badly delayed by the review process inside the Office of Management and Budget (OMB) and it is believed that these rules may be a sign that several other delayed rulemakings will be finalized soon, unlocking significant savings.
- NEEP tracked two other federal rulemakings—the water heater waiver process (Request for Information) and vending machines (Framework Document). NEEP participated in the Technical Advisory Group (TAG) sessions, facilitated by the Appliance Standards Awareness Project (ASAP) along with other efficiency advocates to share information and coordinate responses.
- At the state level, appliance standards legislation was filed in Massachusetts ([HB 807](#)), reflecting a model standards package supported by NEEP through analysis of the state-level benefits these products represent. NEEP also led an effective stakeholder advocacy group to support these measures, including National Grid, ASAP, Environment Northeast, the National Consumer Law Center, and the Massachusetts DOER. NEEP developed a fact sheet highlighting the key benefits of the bill and demonstrating the support of the other organizations. The bill was scheduled for a hearing in July before the legislature's Joint Committee on Telecommunications, Utilities and Energy.
- NEEP published [Setting the Record Straight on Appliance Efficiency Standards](#) on our blog. The post highlighted a new report developed by ASAP, documenting the historical effect improved efficiency standards over the past 20 years have had on product costs, performance, and features. Sharing the compelling story of appliance standards refutes common arguments made by opponents of these standards and strengthens the region's call for the establishment of aggressive efficiency levels in future rulemakings.
- As part of a regulatory proceeding in Massachusetts to examine modernization of the region's electricity grid, NEEP supported inquiries from the chair of the Massachusetts Department of



Public Utilities (DPU) regarding the potential for appliance standards to include grid connectivity and demand response-type mechanisms to advance grid responsiveness. This discussion of “smart” appliances led to inclusion of the concept in the final draft report on the proceedings, issued at the end of June, as an area for future investigation.

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ADVANCE KNOWLEDGE AND BEST PRACTICES

Promote knowledge and the use best practices that support the expansion, implementation and evaluation of policies and programs to increase and accelerate energy efficiency.

NEEP's *Knowledge and Best Practices* strategies support the expansion of policies and programs to accelerate energy efficiency. NEEP advocates for sustained public policy support, expanded financial resources, full integration of efficiency into energy planning, enduring efficiency infrastructure based on leading knowledge and best practices, and consistent standards across the region to measure, evaluate and report the impacts and benefits of energy efficiency.

Public Policy Outreach and Analysis

The second quarter was a busy time for energy efficiency policy across the Northeast and Mid-Atlantic region. To support these efforts, NEEP tracked and provided comment in state legislative sessions, supported updates to the Regional Greenhouse Gas Initiative (RGGI), and participated in the Grid Modernization Working Group in Massachusetts. There were some setbacks as well, as legislators in Connecticut diverted RGGI proceeds away from energy efficiency (as we wrote in two [blogs](#))—and other states may follow. Staff also continued to attend and engage in a number of stakeholder meetings, including the Massachusetts Energy Efficiency Advisory Council, the New Hampshire Energy Efficiency and Sustainable Energy Board, and the Connecticut Energy Efficiency Board. One of the central areas of focus continues to be expanding efficiency programs to homes and businesses that heat with oil. To that end, we spent considerable time building coalitions and doing outreach around [H. 2741](#) in Massachusetts.

We prepared public comments on legislative and regulatory proceedings in Massachusetts, Connecticut, and Delaware, and signed on to joint comments with New York advocates urging the state to consider non-generation alternatives to repowering two coal-fired power plants in the state. Following are links to our recent public comments:

- [Comments on Connecticut Docket 13-0302 - Regarding an Electric Conservation Adjustment Mechanism](#)
- [Comments to Connecticut Energy Efficiency Board on the 2013-2015 Conservation & Load Management Plan](#)
- [Letter in Support of Delaware House Bill 179 - Reforming the Energy Efficiency Resource Standard](#)
- [Joint Letter to Massachusetts on Budget Amendments Impacting Energy Efficiency Programs](#)
- [Comments to the Massachusetts Energy Policy Review Commission](#)
- [Joint Comments to the New York PSC on the Repowering of the Cayuga and Dunkirk Plants](#)

Other noteworthy achievements in the second quarter of 2013 include:

- NEEP remains heavily engaged in New Hampshire working to promote a clear and consistent policy and program landscape that supports cost-effective energy efficiency resources. Currently, VEIC and GDS Associates are undertaking a study evaluating the potential for an energy efficiency resource standard (EERS) and other policy measures to move the state forward. NEEP met with and advised project consultants and were asked by the State's Office of Energy and Planning to provide further input once they receive the draft report.
- NEEP has advocated diligently for expanded access to energy efficiency programs for oilheat customers across the region, which is still heavily reliant on unregulated delivered fuels. The most promising vehicle to date is Massachusetts bill [H 2741](#). NEEP has been leading coalition



efforts to educate and drive grassroots outreach on the bill. We have also been engaged with stakeholders in Maine, Vermont, and Connecticut who are looking for ways to expand thermal programs. For more, visit the Massachusetts [Oil Heat Save Energy Coalition website](#).

- Staff continues to disseminate information on regional energy efficiency policy trends and programs through the [Energy Efficiency Policy Snapshot](#) and increasingly through the new [Regional Energy Efficiency Database](#) (REED). Josh Craft, NEEP's Manager for Policy Analysis, worked with EM&V Forum staff to provide access to REED for key members of the advocacy and policy community and to assist with development of the upcoming REED annual report.
- The Policy Outreach and Analysis team served as a voice for energy efficiency on the [Grid Modernization Working Group](#) convened by the Massachusetts Department of Public Utilities (DPU). Under DPU Order 12-76, the Department created a process to explore an array of issues—including the role of energy efficiency, demand response, distributed generation, and renewable energy—and ultimately deliver a roadmap to guide the state's approach to grid modernization. NEEP participated in a clean energy caucus of the group, which released its [final report](#) to the DPU on July 3. Read our joint statement about the report [here](#). We were also pleased to have an abstract on this topic admitted to the upcoming [ACEEE National Conference on Energy Efficiency as a Resource](#), to be held in Nashville this September.
- NEEP regularly engages with partner organizations across the region to build relationships and move forward policy best-practices. During the second quarter, we worked with allies including Pace Energy and Climate Center, Interfaith Power and Light (Del. and Mass. chapters), Environment Northeast, Natural Resource Council of Maine, Clean Water Action, Massachusetts Climate Action Network, Chesapeake Climate Action Network, Sierra Club, Conservation Law Foundation, and many more.
- NEEP worked closely with efficiency program administrators and state policymakers, who frequently look to us for guidance and expertise. We serve as a resource to “emerging” states, including Maryland, Delaware, and the District of Columbia. We are in frequent contact with state energy office officials and advocates for EmPOWER Maryland Working Group and attempts to fix the efficiency policy and funding framework in Delaware through [HB 179](#)—an initiative that is poised for passage in the second half of this legislative session, early in 2014.
- NEEP sits on the policy committee of the New England Clean Energy Council, advising the group's action on a range of efficiency-related legislative and regulatory developments across the New England states. We also continue to be a leading voice on the Massachusetts Global Warming Solutions Project, a team of advocates working to hold the state to its commitments under the Global Warming Solutions Act of 2008.
- NEEP represented the energy efficiency viewpoint at a May 20 energy summit sponsored by the Massachusetts Attorney General's Office. With growing budgets come an increasing focus on costs, and NEEP is working to ensure that the many economic and societal benefits of efficiency are properly accounted for as well. Similarly, we engaged in the Commonwealth's Energy Policy Review Commission, a stakeholder process reviewing the economic benefits and costs of the state's clean energy policies.
- NEEP's policy staff participated in a number of regional meetings, including a group of advocates that meets regularly on RGGI. Our focus with the RGGI group is to ensure that auction proceeds are maximized to their highest and best use through energy efficiency, and to help fend off any policies that would undermine the RGGI funding mechanism. Staff regularly participates in the bi-monthly [Restructuring Roundtable](#) series, of which NEEP is also a sponsor.



Recent topics included changes to RGGI and generation retirement. Specific to Massachusetts, staff participated in an invitation-only event on June 27 that brought together a number of stakeholder groups to coordinate initiatives to drive climate change action and the clean energy economy. As a longstanding participant in the state's Global Warming Solutions Project, NEEP brought the perspective of energy efficiency policy options to discussions of climate change strategy.

- Staff participated in the ISO-New England and New York ISO annual conference in Boston, where we had the chance to hear from and engage with a variety of energy market actors, including program administrators and state energy officials. We were pleased to represent energy efficiency perspectives at this important policy-focused meeting of system operators.
- NEEP continues to share best practices and in-depth analysis of energy efficiency policy through the [NEEP blog](#), [Twitter](#), and the publications of [Highlights](#) and the [Policy Tracker](#) – valuable resources on the region's energy efficiency policy news.
- NEEP fosters new regulatory frameworks for how energy efficiency is counted and measured. We regularly work with the Regional EM&V Forum on issues including cost-effectiveness testing, net-savings, and bill impacts, and aim to educate fellow advocates and policymakers about the need for evolution in these areas.
- In June, staff spent considerable time participating in strategic discussions driven by rapidly unfolding events in the closing days of the Connecticut General Assembly session, specifically involving the diversion of funding from the state's RGGI and clean energy financing authority funds to close state budget gaps. NEEP provided the advocates with talking points and other documentation outlining the historical context of funding raids in the state and provided messaging designed to prevent it from occurring again. While a funds diversion did occur, public pressure forced the governor and legislative leadership to agree on an alternative set of provisions that limits the clean energy funding loss and promises restoration in future budgets.

Regional Evaluation, Measurement & Verification Forum

“Strategic” best describes the theme of the Forum's 2013 second-quarter activities. The Forum hosted a region-wide webinar in April to provide state summaries of evaluation activities and plans. Information from the webinar informed a project brainstorming meeting with key Forum stakeholders in May, which then culminated into a multi-year project survey issued to Forum members in June. The survey will help prioritize potential projects for the next three years. This multi-year framework of future projects represents a strategic approach that will help to:

- set a clear vision for how the Forum should move forward to meet the goals and objectives set by the Steering Committee (see the [NECPUC](#) and [MACRUC](#) resolutions in support of a regional dialogue to develop common EM&V protocols);
- streamline the Forum's planning process;
- outline hot and emerging topics coming down the pipeline;
- identify collaboration and information exchange opportunities across Forum states; and
- support efforts to explore opportunities for leveraged funding with new and existing partners and organizations.

Representatives from eight Forum states presented recently completed and upcoming evaluation studies in the third annual State Evaluation Activities webinar on April 23. The Forum used information from this webinar to populate a quick-reference matrix of evaluation activities across the region and potential evaluation studies of interest for the future. The regional matrix then served as the focal



point for the brainstorming session held on May 22. Forum members described dream studies and areas ripe for regional innovation and collaboration. Feedback and ideas from this meeting directly informed the annual *Forum Planning Survey 2014 - 2016* distributed to members at the end of June. The objective of this strategic approach is to improve the process for confirming projects and budgets each year.

Other noteworthy achievements in the second quarter of 2013 include:

- The Forum hosted an [Informational Webinar on the Incremental Cost Study](#) on April 25. NEEP staff and technical advisors partnered with Navigant Consulting to present the webinar on phases 1 and 2 of the study. The purpose of this webinar was to provide an overview of the resources and accompanying data available to program planners, administrators, evaluators, and regulators as a result of this regional study. The team also prepared a reference sheet that includes the list of measures and a summary of key study features.
- The Forum co-hosted an [Informational Webinar on the Building Codes Attribution study](#) on May 21. NEEP coordinated the presentation with Cadmus and National Grid to provide an overview on the report, [Attributing Building Energy Codes Savings to Energy Efficiency Programs](#), released earlier in 2013. The Forum will continue to host informational webinars for Forum newcomers and interested parties.
- Forum participants from across the region continued to participate actively in project committee meetings and project subcommittee calls. Representatives from nine Forum states participated in the quarterly Project Committee meeting on June 6. Forum staff also facilitated numerous project subcommittee meetings throughout the quarter.
- The EM&V Forum continued to manage the following Protocol Development projects:
 - Cost-Effectiveness Project: The project contractor released a draft report of task 1 for this project in early June. Subcommittee members reviewed the scope and provided feedback.
 - REED: The Program Year 2011 Annual Report was drafted for data already included in REED, which will be finalized in late summer. Changes and updates to REED were also identified, with modifications to REED to be made in July/August.
- The EM&V Forum continued to manage the following Research & Evaluation Projects:
 - Loadshape Project: The Forum confirmed a scope of work for commercial refrigeration as the new loadshape study. A full scope of work is underway.
 - Incremental Cost Study: The 2013 Incremental Cost Study was confirmed and launched, and full project scope development is underway.
 - Emerging Technology Project: The Forum confirmed clothes dryer baselines as a new measure for study in 2013, and full project scope development is underway.
- The EM&V Forum continued its active involvement in national-level protocol development and education/information access activities. Most notably, NEEP staff participated in US DOE/EPA State Energy Efficiency Action (SEE Action) EM&V Working Group and DOE Uniform Methods Project Steering Committee teleconferences. NEEP also provided draft material and input to the American National Standards Institute Energy Efficiency Standards Coordinated Council EM&V working group to help identify gaps in EM&V and reporting standards and practices.



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