



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

Intro to NEEP's Work & Resources

Natalie Treat & Carolyn Sarno

Delaware Valley Chapter, USGBC
Sept 16, 2014

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FOR TODAY'S DISCUSSION



- NEEP Background
- Collaboration Opportunities
- Resources
- Building Partnerships



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS



MISSION

Accelerate the efficient use of energy in the Northeast and Mid-Atlantic Regions.

APPROACH

Overcome barriers to efficiency through *Collaboration, Education & Advocacy*

VISION

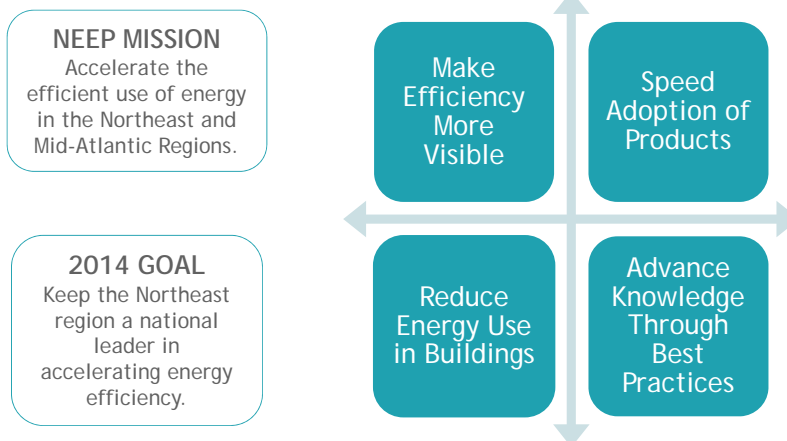
Transform the way we think about and use energy in the world around us.



One of six Regional Energy Efficiency Organizations (REEOs) designated by U.S. DOE to support state efficiency policies

NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

bringing stakeholders together since 1996



APPROACH: *Collaboration, Education, Advocacy*

NEEP's Work Supporting States



- Policy & program involvement - policy analysis, tracking & outreach, building codes & rating, products, EM&V
- State EE program administrators sponsor NEEP work, approved as part of regulator-approved plans
- Utility reps, EE businesses & advocates serve on our board of directors
- Participation in EE board meetings, legislative & regulatory proceedings, working groups
- Share best practices, provide guidance, connect with resources from US DOE, other states & jurisdictions, non-profits, consultants, etc.

NEEP's EE Products & Markets Work



Regional energy efficiency program strategies

- Retail Products Reports & Working Group
 - [2013-2014 Residential Lighting Strategy Update](#)
 - [Business & Consumer Electronics Strategy Report](#)
- Emerging technologies
 - [Air-Source Heat Pump Strategy Report](#)
 - [Heat Pump Water Heaters Strategy Report](#)
- Commercial Lighting
 - [DesignLights Consortium](#), an internationally-recognized lighting fixture certification program
- [Appliance efficiency standards](#)
 - Coordinated efforts to pass state standards in '08

NEEP'S BUILDINGS WORK IN THE STATES



Support of Complementary Policies

- [Building energy codes](#)
- [Building energy rating/disclosure](#)
- [High Performance Buildings](#)
 - Schools
 - Public Buildings
 - Zero Net Energy
 - Communities
 - Multi-family housing
- Regional Working Groups allow state participation in each of these projects



WORKING TOWARDS ZERO



NEEP's Vision

The work done today on high performance buildings will pave the way for the development of zero net energy buildings — buildings that consume no more energy than they produce — on a broader scale throughout the region.

PROTECT OUR BUILT ENVIRONMENT



WORKING TOGETHER TO ADVANCE EE Policy Opportunities:



- Rating and Disclosure
- Energy Codes
 - Stretch Codes
- High Performance Buildings
 - Schools, Multi-family
- Sustainable Communities
- Operations/Maintenance
- Zero Net Energy



WORK IN DELAWARE



- Energy Codes
 - Technical support
 - Adoption
 - Compliance
 - Training
 - Creating 2012 field guide
- HPB
 - ZNE
 - Benchmarking



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MASSACHUSETTS



Appendix 115.AA (120.AA) 'Stretch' Energy Code

- Appendix to the 8th addition of the MA building code
- BBRS Adoption May 12, 2009
- One alternative energy code for communities wanting a more energy efficient option
- About 20% more stringent
- Support from PA's
 - Development
 - Cost effectiveness Analysis
 - Training

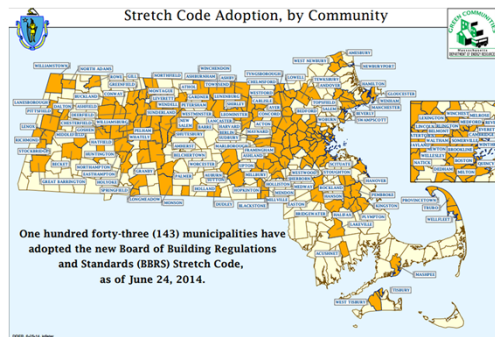


Photo: Architerra

Next version... stay tuned!

BUILDING ENERGY RATING CITY OF BOSTON



- City owned buildings first
- buildings larger than 35,000 square feet
- energy and water use
- Portfolio Manager
- Every 5 years **energy assessment**



WORKING TOGETHER Coalition



GREEN JUSTICE COALITION

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

wegowise

BSA
Boston Society of Architects/AIA

ne ep

SLOWEY MCMANUS
Strategic Public Relations

USGBC

MASSACHUSETTS
A PASSION FOR SUSTAINABILITY.

clf
conservation law foundation

Saunders Hotel Group

nationalgrid
The power of action.™

WinnCompanies
Development | Residential | Military

MCAN
Mass Climate Action Network


Boston Properties

NRDC
The Earth's Best Defense


IMT
Institute for Market Transformation

PARTNERS HEALTHCARE


Northeast Utilities




WORKING TOGETHER OVERCOMING CHALLENGES



USGBC MASSACHUSETTS
A PASSION FOR SUSTAINABILITY.







U.S. GREEN BUILDING COUNCIL
CHAPTER



Search This Blog Friday, March 29, 2013

Building Energy in Boston SUPPORT "BERDO"

(Building Energy Reporting & Disclosure Ordinance)

-  On May 8, Boston has a historic opportunity to take action for jobs, housing and environment. Don't let this opportunity slip by: call your city councillor today!
-  **Good for Tenants:** more building owners will be encouraged to improve their properties. Community groups support BERDO!
-  **Good for Jobs:** The building energy ordinance will create workforce opportunities. Organized Labor supports BERDO!
-  **Good for Climate and Health:** BERDO will help reduce pollution and clean our air. Green advocates support BERDO!

Let's Build Energy! To learn more, check out <http://bit.ly/BERDO>

All Graphics Courtesy of the Noun Project and used via Creative Commons. "Worker" by Marcio Duarte; "Vote" by Jens Windolf.


Energy Disclosure is Coming to Boston

by Grey Lee

Citing the Evidence – the Benefits of Building Energy Disclosure Policies

Posted on June 24, 2013 by Allison Webster | [Leave a comment](#)

It's amazing how one report, when branded with one of the biggest names in academia (Harvard) and funded by a well-heeled special interest opposition group (the Greater Boston Real Estate Board), can cause so much misinformation to be spread about [Boston's new building energy disclosure ordinance](#). Benchmarking



INCONCEIVABLE!



ADVANCING SCHOOL CONSTRUCTION

East bay met, Newport RI (ZNE)



"The greatest aspect of this school is the incredible indoor air quality"

- Taylor Rocc
Teacher East Bay Met School, Newport RI

REPORTS & GUIDANCE

Available at www.neep.org

OTHER NEEP RESOURCES

We have an abundance of news and policy resources on our website, www.neep.org. These include:

- [*Highlights*](#), a bi-monthly policy news and analysis e-newsletter
- [Energy Efficiency Matters](#), our blog, including our Policy Tracker
- [The Efficiency Policy Snapshot](#) - the states "by the numbers"
- [The Regional Roundup](#), Annual comparison of states' progress on EE policies
- [The Regional Evaluation, Measurement and Verification Forum](#), which supports the development and use of common protocols to evaluate, measure, verify, and report the impacts of energy efficiency.
- Regional Energy Efficiency Database - "[REED](#)"
- General support on all aspects of energy efficiency policy or programs

DOE Technical Information for Solid State Lighting (TINSSL)



Why LED lighting?

Since 2003, the U.S. Department of Energy has invested with industry partners in research and development of solid-state lighting (SSL)—including both light-emitting diode (LED) and organic light emitting diode (OLED) technologies.

Using LEDs

While LEDs are well suited to a variety of lighting applications, in the rapidly changing LED marketplace, "do your homework" remains the watchword.

Technology Factsheets

Fact sheets describing solid-state lighting, its characteristics, applications, and issues relating to its successful introduction into the marketplace.

NEEP partners with U.S. DOE to promote Solid State Lighting Information and Resources

Resources on Standards including Design Guidance

[Performance of T12 and T8 Fluorescent Lamps and Troffers and LED Linear Replacement Lamps Study](#)

NEEP CONTACTS



PUBLIC POLICY

JIM O'REILLY, Director of Public Policy joreilly@neep.org, x 118
 NATALIE TREAT, Sr. Manager, Policy Outreach ntreat@neep.org, x121
 JOSH CRAFT, Manager, Policy Analysis jcraft@neep.org x109

EM&V FORUM

JULIE MICHALS, Director of EM&V Forum jmichals@neep.org, x135

ENERGY EFFICIENCY STRATEGIES

DAVID LIS, Director of Market Strategies djlis@neep.org x127

BUILDINGS

CAROLYN SARNO, SR. MANAGER, csarno@neep.org x119

91 Hartwell Avenue Lexington, MA 02421
 P: 781.860.9177 www.neep.org