



High Performance & Zero Energy Buildings, Homes & Communities

Best practice guidance, peer exchange and technical assistance for resilient, energy efficient, low-carbon communities

High Performance and Zero Energy Buildings, Homes and Communities – Across the Northeast and Mid-Atlantic, local and state leaders are concerned with the increasing impacts of climate change. NEEP supports these leaders by providing best practice guidance, an on-line resource center, outreach and education, a regional best practice peer exchange network, and direct technical assistance to selected states and communities.

Our 2017 project objectives include:

- Convene and support a regional High Performance Public Buildings and Communities Leadership Group for peer exchange and learning;
- Maintain regional best practice guidance materials for high performance schools design and construction under the auspices of the Northeast Collaborative for High Performance Schools (NE-CHPS), public building operation and maintenance, building energy data access, use and management, and strategies to advance zero energy public buildings;
- Direct attention to best practice resources for high performance municipal water and wastewater infrastructure;
- In partnership with the U.S. Department of Energy's Clean Cities program, facilitate a regional conversation to recommend best practices to advance electric vehicles through community-based initiatives; and,
- Track and highlight regional trends and best practices in policies and programs at the state and local levels.

With sufficient additional funding and regional interest, NEEP will expand the project to:

- Provide direct technical assistance to additional states and communities
- Prepare a Regional Municipal LED Street Lighting Progress Report
- Develop a Zero Energy Homes Market Assessment & Market Transformation Strategy
- Develop a Zero Energy Schools State Implementation Framework
- Assist state-level zero energy task forces

All products and services are subject to funding.



**HIGH PERFORMANCE &
ZERO ENERGY BUILDINGS
AND COMMUNITIES**



NEEP's Long-term Goal: Assisting the Northeast/Mid-Atlantic region to reduce total carbon emissions by 80% by 2050 (Relative to 2001 levels). Visit us online at neep.org



*For more information about this project or to get involved, please contact:
Carolyn Sarno-Goldthwaite, Project Lead: cgoldthwaite@neep.org*



*To inquire about sponsorship opportunities for events and projects, please contact **Lucie Carriou**, Events Manager: lcarriou@neep.org*



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PRODUCTS & SERVICES

STAKEHOLDER ENGAGEMENT

Regional High Performance Public Buildings & Communities Leadership Group (quarterly meetings/webinars and materials)

TOURS & CASE STUDIES

Two Zero Energy Ready Homes Workshops, Two High Performance School Tours and Exhibitions

TOOLS, GUIDELINES, TRAINING & TECHNICAL ASSISTANCE

- a. Collaborative for High Performance Schools (NE-CHPS)
- b. Public Building Operation and Maintenance Guide
- c. Building Energy Data Access, Use and Management
- d. Strategies to Advance Zero Energy Public Buildings
- e. Regional Zero Energy Homes Training

2017 REPORTS & ANALYSES

- a. *High Performance Community Best Practices Roadmap*
- b. *Best Practice Resources for High Performance Municipal Water & Wastewater Infrastructure – support U.S. DOE Accelerator*
- c. *Best Practices Community Partnership with US DOE's Clean Cities program to advance EVs through community-based initiatives – regional coordination*
- d. *Regional Zero Energy Homes Market Assessment*

OUTREACH

Promote university participation in U.S. DOE's Race to Zero Student Design Competition

TECHNICAL ASSISTANCE

- a. *Facilitate, advise or participate in state or local working groups to advance best practices for high performance public buildings and communities*
- b. *Participate in U.S. DOE's Zero Energy Schools Accelerator to support the development of future K-12 zero energy construction and highlight accomplishments, leveraged with NEEP's own resources*



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