



State & Local Policy Tracking and Technical Assistance

Advanced Efficiency & Decarbonization Leadership Network

MISSION

Tracking, analyses, reports and technical assistance to help state and local government adopt public policies that reduce building sector energy consumption 3% per year and carbon emissions 40% by 2030.

ABOUT THIS PROJECT

Northeast States lead the nation in energy efficiency policies. Most have also adopted aggressive carbon emission reduction goals for 2030 as well as 2050. Increasingly, states include in energy efficiency programs strategic electrification for “carbon efficiency” along with demand response resources, including energy storage and distributed generation, to respond to electric grid reliability needs for flexible loads. This integrated approach to efficient building decarbonization addresses a growing range of public policy goals including energy affordability and reliability, environmental sustainability, resilience in light of more extreme weather events, economic development, energy justice, and public health.

NEEP assists state and local policy makers in the Northeast to assess, adopt, and implement a wide range of energy efficiency and demand-side policies and programs by tracking trends and developments, and providing information, analyses, best practice guidance and customized technical assistance with links to additional resources for a smart energy policy for a future that holistically looks at efficiency, low carbon energy use and buildings as grid assets. This includes updates to and reports from NEEP’s Regional Energy Efficiency Database (REED) which provides ready public access to energy efficiency program results from energy efficiency programs in Northeast states.

2019 PROJECT OUTCOMES

1. At least two Northeast states join leading cities to adopt roadmaps to accelerate home and building decarbonization to meet state carbon emission reduction goals (e.g., with efficient electrification of fossil heating, thermal efficiency, smart controls, demand response, building energy labeling and performance standards, and zero energy building codes).
2. At least three additional Northeast states adopt energy efficiency program metrics to reduce total energy consumption in homes and buildings.
3. Ratepayer funded efficiency programs in five Northeast states provide “all fuels” energy efficiency services to accelerate high performance, low carbon homes and buildings aligned with state carbon emission reduction goals.
4. At least three Northeast states (CT, MA, NY and/or RI) and ten communities implement strategic electrification policies or programs to improve efficiency and decarbonize energy use in public existing building.

LONG-TERM MARKET TRANSFORMATION GOALS

2022

The Northeast region continues to lead the nation in efficient demand-side resources and carbon emission reduction and provides an inspiring model for others to follow.

All Northeast states have statewide programs supporting communities to achieve state carbon reduction goals.

2030

All Northeast states adopt policies to reduce building sector energy consumption 3% per year and carbon emissions 40%.

REGIONAL TRENDS & LEADERS

- The District of Columbia's Clean Energy Plan to reduce carbon emissions 50% by 2030 includes an aggressive building decarbonization that includes zero energy building energy codes and accelerating deep efficiency retrofits through building energy performance standards for existing homes and buildings supported by incentives and a Green Energy Bank.
- The RI Public Utility Commission's Power Sector Transformation Initiative provides an innovative regulatory framework for Rhode Island's electric system that is aligned with the State's carbon emission reduction and resiliency goals, including efficient demand-side resources to reduce peaks, and efficient beneficial electrification to reduce use of carbon-intensive fuels.
- Massachusetts' 2018 Act to Advance Clean Energy broadens the scope of energy efficiency cost-effectiveness and enables the inclusion of active demand management and strategic electrification in electric energy efficiency program plans.
- NYSERDA's Clean Energy Fund plan provides a comprehensive suite of initiatives to promote clean, efficient demand-side solutions to reduce carbon emissions 40 percent by 2030 while increasing energy affordability, reliability and resilience.
- National Grid's Northeast 80 x 50 Pathway provides an integrated blueprint for NY and New England to reduce emissions collaboratively.
- Twelve Northeast states offer programs that support community efforts to increase efficiency and reduce carbon

2019 Strategies with Associated Products, Services and Technical Assistance

STAKEHOLDER ENGAGEMENT

NEEP promotes progress and highlights leadership across the region for public policies that accelerate advanced energy efficiency through the publication of policy updates, case studies/exemplars and trend analyses, and the maintenance and use of the Regional Energy Efficiency Database (REED).

- NEEP Allies Weekly Tracking Updates
- Policy Tracking and Analysis via Webinars, Topical Blog Posts, Newsletters & Reports
- Participation in state policy working groups (e.g. New York Clean Energy Organizations Collaborative)
- REED database updated to include 2017 data for use in analyses and benchmarking

TECHNICAL ASSISTANCE

NEEP provides invited comments on state and local plans and proposals to advance energy efficiency and demand-side resources and topical technical assistance.

- Customized technical assistance (e.g. comment letters in regulatory proceedings) and coordinated multi-state research by request

TRACKING & ANALYSIS

NEEP tracks key metrics and state and local policies across the region to identify and report on best practices and trends in advancing efficient demand-side solutions. NEEP maintains an online policy tracker for legislative tracking.

- [Web-based policy tracker](#)
- Bi-monthly policy tracker blog (e.g., [September 2018 Blog](#))

RESEARCH & REPORTS

NEEP prepares topical analyses and reports that reflect progress and highlight leadership across the region for public policies that accelerate advanced energy efficiency as a key resource to meet energy affordability, reliability and carbon emission reduction goals.

- Annual Regional EE Snapshot Report with REED results (e.g., [2018 EE Snapshot](#))
- **New** Advanced Efficiency Policy Framework providing the key policy elements and pathways for achieving carbon reduction goals
- Policy Tracking and Analysis via Topical Blog Posts, Newsletters & Reports
- Research Report on results of US DOE-sponsored in conjunction with REED database update
- Quarterly "[REED Renderings](#)" which provide regional analyses of reported energy efficiency program costs and savings

NATIONAL / REGIONAL COLLABORATION

NEEP will leverage state, federal and national resources to inform state plans and policies.

- Monitor, communicate, present and coordinate with national and regional organizations (NRDC, Acadia Center, Sierra Club, Environmental Defense Fund, ACEEE, Alliance to Save Energy, Green Energy Consumers Alliance, Northeast Clean Energy Council, Advanced Energy Economy, NASEO and others)

