



Cold Climate Air Source Heat Pumps

Advancing the #1 technology to decarbonize home and building energy use

Cold Climate Air Source Heat Pumps (ccASHPs) offer the region a super-efficient clean energy solution to dramatically reduce the use of inefficient electric resistance and carbon-intensive petroleum to heat homes and buildings. To assist leading states to achieve energy, peak demand and carbon savings benefits, NEEP will continue our multi-year regional market transformation initiative to accelerate market adoption, installation and use of ccASHPs.

Guided by the 2016 Regional ccASHP Market Transformation Strategy, our 2017 objectives include:

- Actively engage NEEP’s Regional ccASHP Working Group of leading state energy offices, efficiency program administrators, manufacturers and distributors, and consumer advocates with the U.S. Department of Energy and its national laboratories for coordinating implementation of regional market strategies, best practice peer exchange and learning, and to guide our work;
- Develop and broadly distribute best practice guides and training materials to educate ccASHP installer and consumers;
- Develop and post an updated ccASHP qualified products list for equipment that meets updated performance requirements based on the results of independent equipment performance testing;
- Assess regional progress by tracking market analyses, program activities and policy trends; and,
- Host a Regional ccASHP Workshop to assess and advance regional market transformation progress.

Pending sufficient funding and interest, NEEP will expand the 2017 ccASHP project to:

- Address commercial-grade ccASHP systems;
- Catalyze the development and introduction of integrated HVAC controls that optimize efficient use of ccASHP systems; and,
- Conduct an independent regional assessment of projected impacts from broad deployment of ccASHPs into the region.



STRATEGIC ELECTRIFICATION

PRODUCTS & SERVICES

STAKEHOLDER ENGAGEMENT

Regional ccASHP Working Group (quarterly meetings & materials)

TOOLS & GUIDANCE

- a. *ccASHP Qualified Products List*
- b. *Best Practice Guide & Training for ccASHP Installation*
- c. *Best Practice Guide & Training for ccASHP Product Sizing/Selection*
- d. *Best Practice Consumer Guide for ccASHP*
- e. *Web-based Best Practices Regional Resource Center*

PROGRESS REPORT

Regional ccASHP Market Transformation Status

WORKSHOP

Regional cold climate Air Source Heat Pump Market Transformation Workshop



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: **David Lis**, Project Lead: djlis@neep.org*



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