Northeast Region's Aggressive Carbon Reduction Targets

Carbon Reductions Goals by 2030

Aggressive 2030 Goals

State of Vermont By 2028 reduce carbon emissions 50%

New York City

By 2030 reduce citywide GHG 30% from 1990 levels, and large building carbon emissions 40% from 2005 levels

Washington D.C.

By 2032 reduce GHG emissions 50% below 2006 levels medlarge buildings achieve ENERGY STAR building status by 2026

Burlington, VT

By 2025 reduce city wide carbon emissions 10% from 2010 levels

Montpelier, VT By 2030 reduce carbon emissions 80%

Carbon Reductions 2050 *By predetermined baseline

Carbon Reductions Goals by 2050

<u>Carbon Free Cities</u> by 2050

0

- New York City
- Washington D.C.
- Boston, MA
- Cambridge, MA
- Somerville, MA

<u>100% Renewable by</u> <u>2050</u>

For example:

- Concord, NH
- Reading, PA
- New Brunswick, NJ

0% <65% 75% 80% 100% **And many more...**

Carbon Reductions 2030 *By predetermined baseline



Is the Northeast Region on the path to 45% by 2030 & Net-Zero by 2050?



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Source: Historic carbon emissions data from EIA, trajectory calculated based on regional carbon levels in 2001%

Heat Pump & EV Market Transformation by 2050: Major NC Progress Towards Climate Stabilization Goals Possible



Analysis of NY and New England by Dr. Asa Hopkins, Synapse Energy Economics – June 2019

Pathways to Decarbonization





Photo: Terry Mclaughlin/Copenhagen Media Company - FastCompany 8/20/19