

2/13/24



NETC Advanced Air Mobility Regional Plan

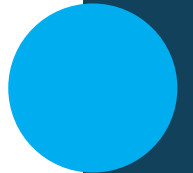
Planning for State and Regional
Infrastructure and Accessibility

Agenda

PREPARING FOR ELECTRIFICATION

EV PROGRAMS

CHALLENGES



Electrification

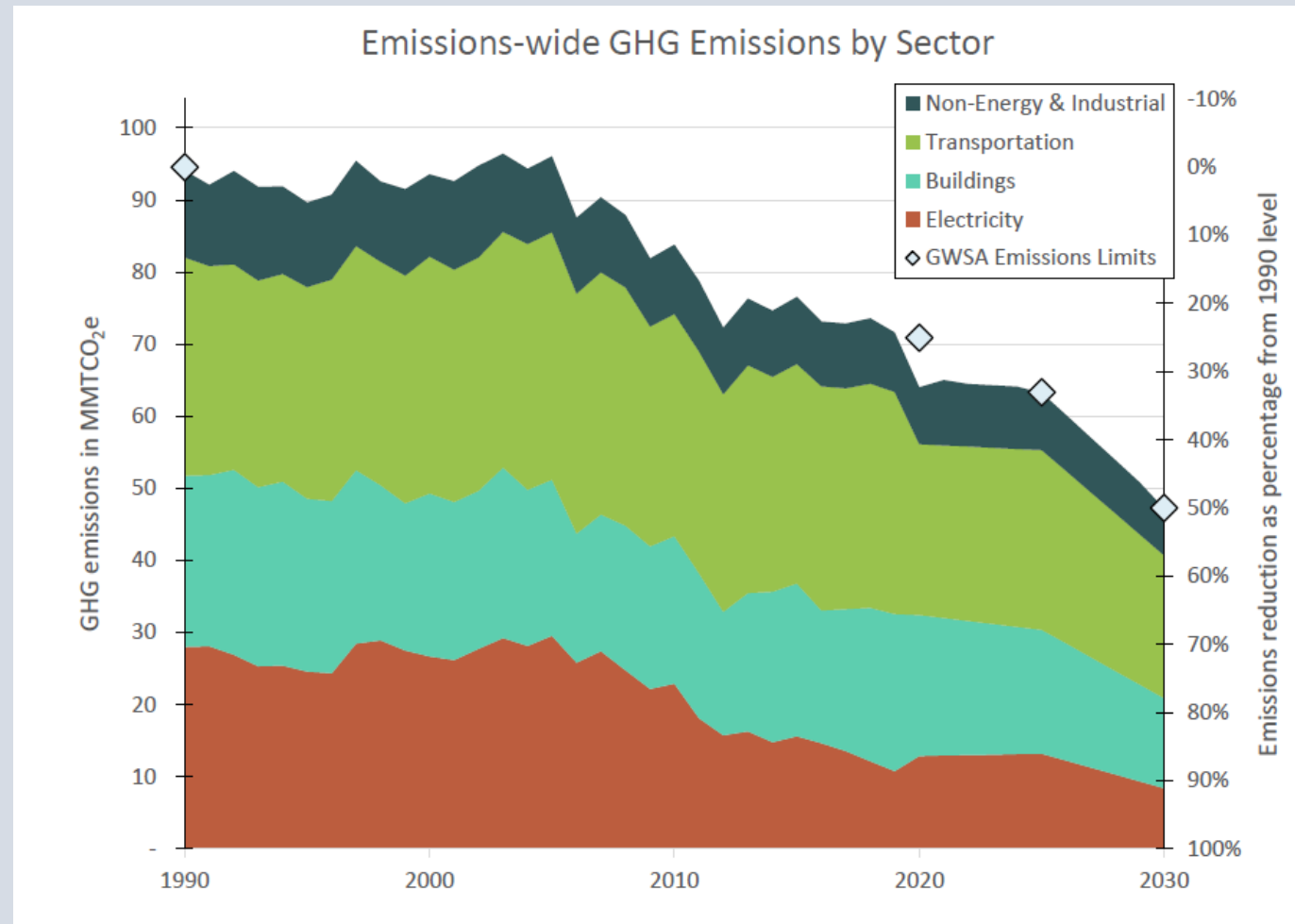
- Ambitious greenhouse gas reduction goals at the state and federal level to address climate change
- Transition to electric modes of transportation and building heating & cooling is critical
- Large-scale electrification requires long-term forecasting and planning

Electrification of Transportation

Transportation – nationally largest single contributor to greenhouse gas emissions at nearly 30%

Carbon emissions of an electric vehicle are up to 70% lower than driving a gasoline vehicle

Opportunities to address range anxiety through infrastructure



Electric Sector Modernization

- Eversource's peak electric demand is expected to increase 2.5-fold by 2050
- Key paths to success:
 1. Renewables
 2. Enhanced transmission and distribution systems
 3. Energy Efficiency / Demand Response

Eversource EV Programs



MA EV Make Ready Programs

\$55M, 2018-2022

\$188M, 2023-2026



CT EV Charging Program

2022-2030

First 3-year cycle:

\$60M



NH EV Make Ready Program

\$2.1M, 2022-2025

Marshfield Airport Success



Challenges Ahead

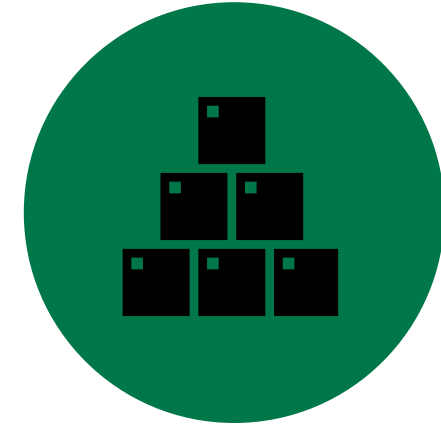


Large-scale siting

- Transmission
- Substations
- Generation



Local distribution



Materials & supply chain



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Thanks
for listening.