

# Massachusetts Climate Policy Landscape Presentation to MCTA

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#### **GHG Mitigation Has Long Been a Priority for Massachusetts**

set at 25% below 1990 level.





### The Healey-Driscoll Administration is Advancing the Climate Agenda

#### To highlight a few accomplishments:

- ✓ Largest offshore wind selection in region's history with enough MW to power over 1.4 million homes
- ✓ Office of Environmental Justice & Equity
- ✓ Commission on Energy Siting & Permitting
- ✓ Office of Energy Transformation
- ✓ Over \$1 billion in federal climate awards, including Solar for All and Grid Innovation Program
- ✓ Issuance of 20-80
- ✓ Unprecedented regional transmission planning
- ✓ 2025-2027 Mass Save Plan
- ✓ Massachusetts Community Climate Bank
- ✓ ~\$50M spent on affordable housing decarbonization, with \$40M more allocated
- ✓ Clean Energy Innovation Career Pathway



#### **Massachusetts Has Set Ambitious GHG Reduction Goals**



4



# How Are We Going to Get There?

End Use Energy the construction of the constru	<ul> <li>Example Interventions</li> <li>EV standards (Advanced Clean Cars II, Advanced Clean Trucks)</li> <li>EV incentives (MOR-EV)</li> <li>EV infrastructure deployment (EDC programs, EVICC, EVIP)</li> <li>EV technical support (MassFleet Advisor)</li> <li>Heat pump incentives (Mass Save, DOER grants, Climate Bank, etc)</li> <li>Clean heat mandates (Clean Heat Standard, Building Codes, etc)</li> </ul>
Energy Efficiency and Flexibility         Example 1         Aggressively pursuing energy efficiency and flexibility to enable cost-effective decarbonization	<ul> <li>Home weatherization incentives (Mass Save)</li> <li>Weatherization standards (Building Codes)</li> <li>Virtual power plants and non-wired alternatives</li> </ul>



#### How are we going to get there?





### How Can MCTA Members be a Part of the Solution?



...but there isn't a "one-size-fits-all" approach



#### How Can We Partner? What Resources are Available?

## BUILDINGS



- Decarbonization Roadmap
- Portfolio Prioritization Plans
- Comprehensive Building Assessments
- Focused Study (formerly TA Study)
- Specialty study (Compressed air and Steam studies)

# TRANSPORTATION



- MassFleet Advisor: Free assistance for commercial fleets to electrify
- MOR-EV: Rebates for EV purchases
- MassEVIP: Incentives for employers & fleet operators to install Level 1 & 2 EV charging stations (light-duty)
- V2X & Medium/Heavy-Duty Mobile Charging Programs

# POWER



- ConnectedSolutions demand response program (significant C&I participation)
- SMART program review



### **Additional Programs & Resources**

- DOE's Industrial Training & Assessment Centers (ITAC) Implementation Grant Program funds small and mediumsized manufacturers to improve energy and material efficiency, to increase productivity, and to reduce emissions
  - Prior to receiving DOE grant funding, companies need to complete an ITAC assessment; DOE covers the full
    cost of assessments completed by ITACs
  - DOE also maintains database of hundreds of thousands of interventions for industrial businesses
  - For more information, visit: <u>https://iac.university/</u>
- DOE's Onsite Energy Technical Assistance Partnerships ("Onsite TAPs") also provide full support and resources to help industrial facilities and other large energy users increase the adoption of onsite energy technologies (solar, batteries, etc).
  - University of New Hampshire is New England's regional TAP
- Industrial Heat Pump Alliance Procurement Toolkit
  - <u>https://industrialheatpumpalliance.org/ihp-procurement-toolkit/</u>
- MassCEC Hydrogen Roadmap Strategy
  - To be released early 2025



### **Get in Touch**

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Thank you!