

**Public Meeting:  
Conservation Law Foundation's Petition to  
MassDEP Requesting Regulations to  
Implement the Global Warming Solutions  
Act, as Amended by the Climate Road Map  
Act**

**October 29, 2024**

# Agenda

- Purpose of Public Meeting
- CLF Presents its Petition
- MassDEP's Presentation on its Efforts to Address Climate Change and Advance Environmental Justice and Equity
- Comments, Questions, & Next Steps

# Massachusetts Leadership in Climate Change

- Massachusetts is at the forefront of combating climate change.
- In 2008, Massachusetts adopted the Global Warming Solutions Act (GWSA) to reduce Greenhouse Gas Emissions (GHG).
- In 2021, Massachusetts adopted An Act Creating a Next-Generation Roadmap for Massachusetts Climate Policy referred to as the Climate Roadmap Act or CRA.

# Healey/Driscoll Administration

The Healey/Driscoll Administration recognizes that the climate crisis is an urgent challenge and has committed to:

- Focusing on our environmental justice populations.
- Issuing millions of dollars in grants to reduce GHG emissions.
- Supporting programs to create good-paying jobs in the emerging clean energy field.
- Reducing GHG emissions from all sectors in support of climate goals.
- Support mitigation, adaptation and resiliency

# Climate Roadmap Act (CRA)

The CRA requires Massachusetts meet the following GHG emissions reduction goals:

- 50% reduction by 2030
- 75% reduction by 2040
- 85% reduction and net zero by 2050
- Sublimits to be set by the Secretary of the Executive Office of Energy and Environmental Affairs (EEA)

# Clean Energy & Climate Plan (CECP)

- In June 2022, EEA issued the 2025/2030 CECP.
- In December 2022, EEA issued the 2050 CECP, a roadmap creating a path to Net Zero by 2050.
- The CECPs includes the following limits:
  - 2025 statewide GHG reductions of 33% below 1990 levels
  - 2030 statewide GHG reductions of 50% below 1990 levels
  - 2050 statewide GHG reductions of 85% below 1990 levels and net zero.

# Action Under CECP

The Secretary adopted sublimits for:

- Residential Heating and Cooling,
- Commercial & Industrial Heating and Cooling,
- Transportation,
- Natural Gas Distribution & Service,  
and
- Industrial Processes.

# MassDEP's Efforts To Meet CRA & CECP

To meet the CRA and CECP goals, MassDEP is working on the following climate change programs:

## Transportation:

- Large Entity Reporting regulation, 310 CMR 7.41.
- Advanced Clean Cars II regulations, 310 CMR 7.40.
- Advanced Clean Trucks regulations, 310 CMR 7.40.

## Buildings:

- Heating Fuels Reporting regulation, 310 CMR 7.71 (proposed regulations February, 2024).
- Clean Heat Standard (Discussions with Stakeholders).



# MassDEP's Efforts To Meet CRA & CECF

## Electricity:

- Regional Greenhouse Gas Initiative (RGGI), 310 CMR 7.70 (will update after RGGI program review).
- Clean Energy Standard Regulation, 310 CMR 7.75 (considering enhancements based on stakeholder input).
- Reducing CO<sub>2</sub> Emissions from Electricity Generating Facilities, 310 CMR 7.74.

# MassDEP's Efforts To Meet CRA & CECF

## Solid Waste:

- Master Plan has aggressive waste reduction goals e.g., food waste bans.

## Natural and Working Lands:

- Statewide mapping of wetlands (including high carbon wetlands) to ensure no net loss of carbon.

# MassDEP Efforts To Meet CRA & CECF

## Adaptation and Resiliency:

- Stormwater and wetland regulations to improve the resiliency of inland and coastal wetlands resources areas.
- New permitting pathways to increase flood resilience.

## Other Initiatives:

- Clean Energy Projects through the Clean Energy Results Program (CERP) program

# Advancing Environmental Justice in Massachusetts

On February 15, 2024, EEA Secretary Tepper released a new Environmental Justice Strategy with the following key Components:

- Meaningful Engagement with EJ populations
- Language Access Plans
- Staff Training
- Metrics and Tracking to assess effectiveness
- Analyzing Project Impacts

# MassDEP's Commitment to Environmental Justice Populations

MassDEP has also adopted its own Environmental Justice (EJ) program is to ensure that all EJ Populations:

- Have clean air, water and land.
- Live in and enjoy a clean and healthy environment.
- Have access to, and inclusion in, MassDEP's decision-making action and activities.

# MassDEP adopted Cumulative Impact Analysis Regulation

The new Cumulative Impact Analysis (CIA) regulation (310 CMR 7.02(14)) requires applicants for air permits to comply with the following measures before submitting the application:

- Gather and assess data on 33 indicators.
- Conduct enhanced public outreach to EJ populations
- Consider concerns raised by the community.
- Evaluate the cumulative impacts of criterial pollutants (e.g., NO<sub>x</sub> and PM<sub>2.5</sub> emissions).
- Conduct a risk analysis of total air toxics emissions from project.

# Grants for Air Sensors to Assist EJ Populations

MassDEP has offered grants to communities to deploy PurpleAir Sensors to assess the air quality in EJ areas. The air sensors will:

- Measure fine particulate matter (PM<sub>2.5</sub>).
- Increase public understanding of local air quality conditions.
- Identify areas where pollution levels might be higher and require mitigation efforts to protect public health.

# MassDEP Offers Grants to Reduce GHG Emissions

Grant money from MassDEP and EPA helps fund the following GHG reducing programs:

- Electric vehicle charging stations.
- Electric school buses and chargers
- EV fleets for cities, towns, state agencies, and public colleges and universities
- Equipment and leak detection systems to reduce HFCs in commercial refrigeration
- Electrification of Refuse Trucks



# Future Initiatives MassDEP Is Considering Adopting

- Require reporting of transportation fuel under MassDEP's GHG Program Reporting Regulations.
- Consider amendments to the Idling Regulation for locomotive engines.
- Develop and Implement the Clean Heat Standard.
- Update the Clean Energy Standard and in-state declining CO<sub>2</sub> cap on Electricity Generating Facilities.
- Conduct mid-term review of Solid Waste Master Plan in 2025.
- Develop Cumulative Impact Analysis requirements for proposed Solid Waste facilities.

# NEXT STEPS

- **Comments and Clarifying Questions**
- **Written comments may be submitted to [Climate.Strategies@Mass.gov](mailto:Climate.Strategies@Mass.gov) by 5:00 pm on Friday, November 1<sup>st</sup>.**
- **MassDEP will respond to the Petition within 10-days of the meeting**