



MASSACHUSETTS
**DEPARTMENT OF
ENERGY RESOURCES**

Speed Up-Dating

Updates in the Clean Energy World

Leading By Example Council Meeting

March 11, 2025

Presented by

**Department of Energy Resources,
Leading By Example Division**



Agenda

Introduction

- Large Building Energy Reporting: What's Next?
- Energy Efficiency: Mass Save 3-Year Plan
- Federal Funding
- Addressing Energy Affordability Challenges in Massachusetts
- State Agency Updates: What's New?
- EV and EV Charging Resources
- State Fleet Electrification
- EPP Progress Report
- Clean Energy Grants for Public Entities
- What's happening outside of Massachusetts?
- The Place(s) to Be: Events and conferences in 2025

Closing

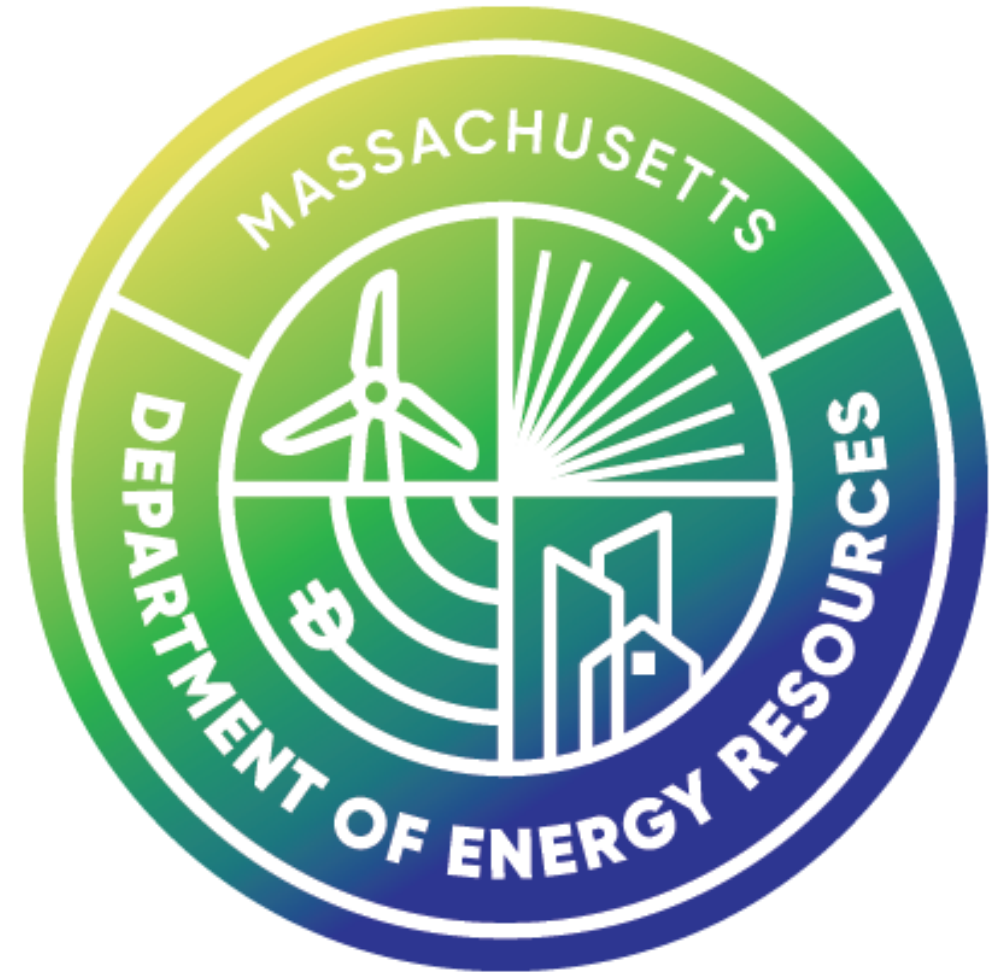
New Year, New Look

DOER has a new logo!

The Massachusetts Department of Energy Resources seal combines a dynamic yellow-to-green-to-blue gradient, symbolizing the state's commitment to solar, wind, hydro, and other sustainable energy sources.

At its center, an iconographic design represents its core focus areas: solar energy, wind energy, green communities, and resilient power infrastructure.

The seal is encircled by the state name and department title, underscoring Massachusetts's dedication to leading the way in renewable energy innovation and environmental stewardship.



Our Mission

The Department of Energy Resources' (DOER) mission is to create a clean, affordable, resilient, and equitable energy future for all in the Commonwealth.



Who We Are & What We Do

Who We Are: As the State Energy Office, DOER is the primary energy policy agency for the Commonwealth. DOER supports the Commonwealth's clean energy goals as part of a comprehensive Administration-wide response to the threat of climate change. DOER focuses on transitioning our energy supply to ***lower emissions and costs, reducing and shaping energy demand, and improving our energy system infrastructure.***

What We Do: To meet our objectives, DOER ***connects and collaborates*** with energy stakeholders to develop effective policy. DOER implements this policy through ***planning, regulation, and providing funding.*** DOER ***provides tools*** to individuals, organizations, and communities to support their clean energy goals. DOER is committed to ***transparency and education***, supporting the ***accessible access*** to energy information and knowledge.

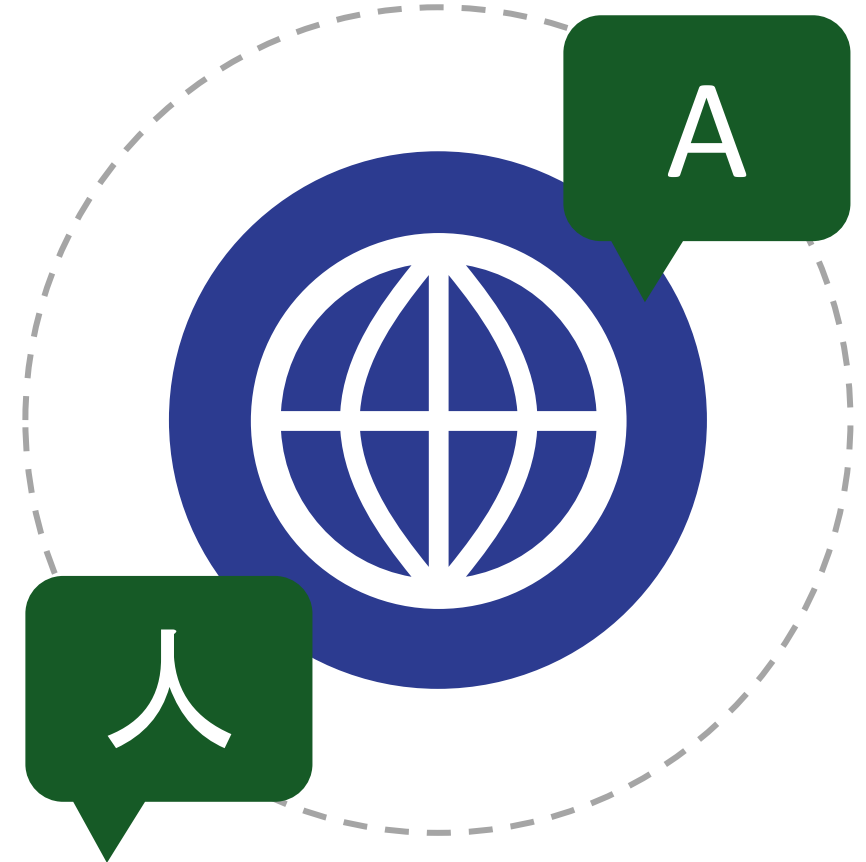


Language Access Services

DOER is committed to providing accessible language services to the public. In addition to the automated translation and accessibility embedded on our webpage, we offer free translation of public documents and interpretation in multiple languages to the greatest extent possible.

We will be translating our slides in other languages. If you require interpretation services during future Council Meetings (including closed captions or ASL), please let us know.

For more information about these services, please email Elischia Fludd (Elischia.Fludd@mass.gov). Please include "language access/services" in the subject line.





Large Building Energy Reporting: What's Next?

Arianna Zrzavy, Clean Energy Engagement Coordinator, LBE

What is LBER and who does it apply to?

What do I need to do for LBER as a building owner?

How do I correct information on the Covered Buildings List?

Important Deadlines, Additional Resources, and Learning Opportunities

What is LBER?

Large Building Energy Reporting (LBER) is the legislatively-mandated policy requiring the annual disclosure of energy data for large buildings in Massachusetts.

The first round of reporting (on calendar year 2024 energy data) is due **June 30, 2025**.

LBER requirements were created through [An Act Driving Clean Energy and Offshore Wind](#) (2022).

Large Buildings = covered buildings
≥ 20,000 square feet



Who does LBER apply to?

Any building owner or agent of a Large Building must comply with LBER.

For **state agencies**, the building owner may be the “Commonwealth of Massachusetts.”

However, it has been determined by DCAMM and DOER that every agency that has ‘care and control’ of a covered building shall be considered the building owner for the purposes of LBER, and will be the party responsible for claiming buildings and reporting energy consumption data.

Utilities will report electricity, gas, and steam data as part of LBER.

Building owners will report additional energy sources or other delivered fuels.



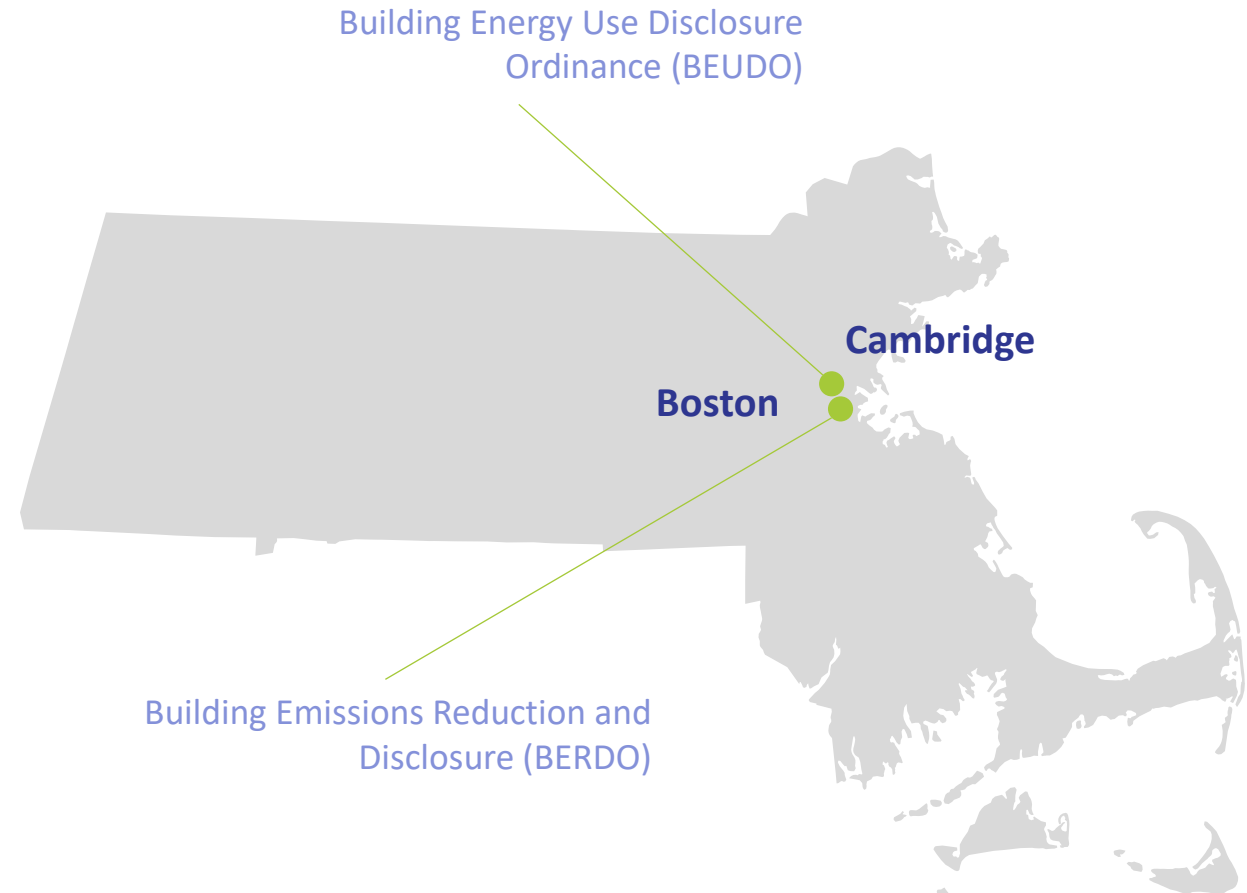
BERDO and BEUDO

If your building(s) already subscribe to either Boston's Building Emissions Reduction and Disclosure (BERDO) or Cambridge's Building Energy Use Disclosure Ordinance (BEUDO), **you do not need to conduct additional reporting under the State's LBER*. You do, however, still need to claim your building(s) for LBER.**

***Note for Cambridge Building Owners:**

The building size threshold for BEUDO ($\geq 25,000$ sq ft) differs from state LBER ($\geq 20,000$ sq ft).

This means that, while you may be exempt from BEUDO, *you may still be required to report for LBER.*



What do I need to do for LBER as a building owner?

Review the
Covered
Buildings
List

Claim your
building(s)

Optional:
Designate
your
buildings as
a campus

Gather your
buildings' or
campuses'
energy use
data
(if needed)

Submit your
energy use
data

What if there is incorrect information in the CBL?

When claiming your buildings, use the following naming conventions when updating the Building Owner field:

For state entities, use the standard naming convention “Comm of MA [AGENCY CODE]” when claiming your buildings. Your agency code is the 3-letter code used in the MMARS or CAMIS systems of identification. For example:

- “Comm of MA DCR” is the Commonwealth of Massachusetts, Department of Conservation and Recreation
- “Comm of MA DMR” is the Commonwealth of Massachusetts, Department of Developmental Services
- “Comm of MA NAC” is the Commonwealth of Massachusetts, Massachusetts College of Liberal Arts

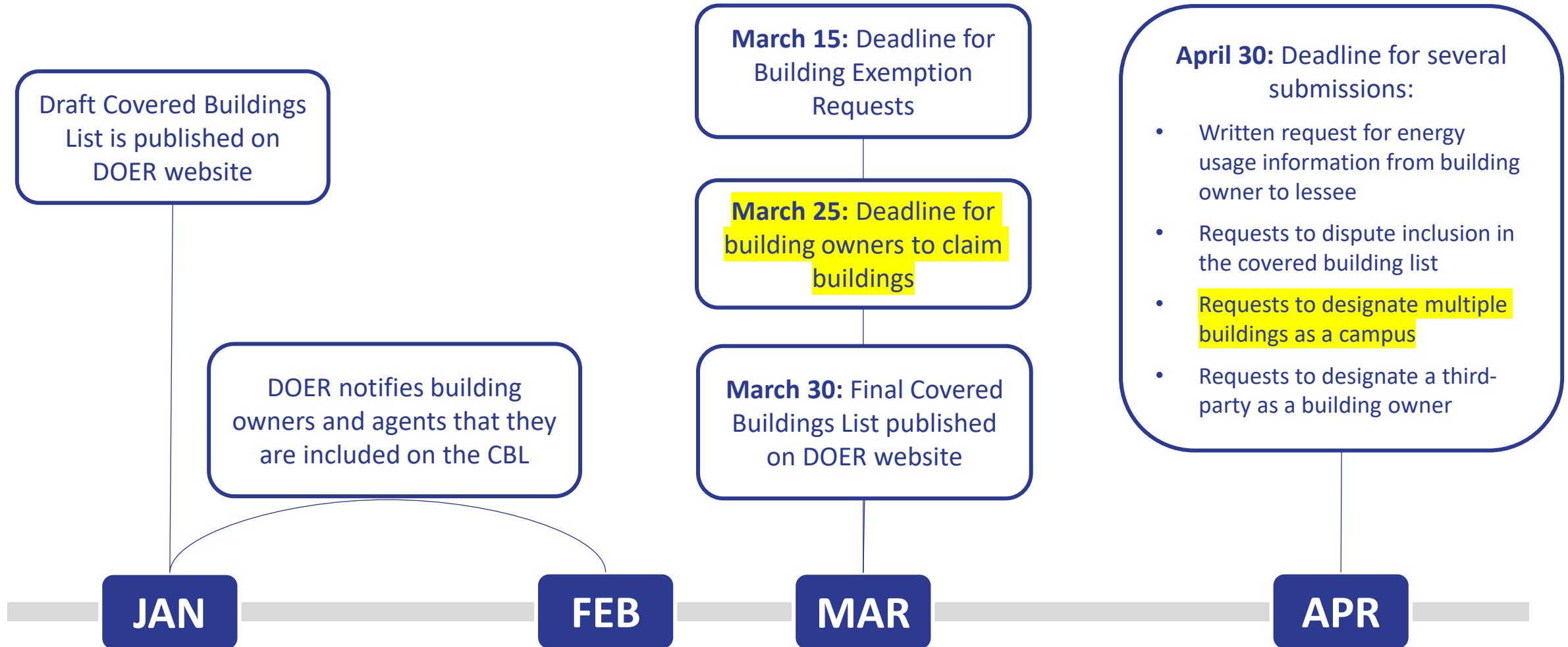
If your state entity does not have a MMARS code, use a consistent abbreviation. For example:

- “Comm of MA MWRA” for the Massachusetts Water Resources Authority

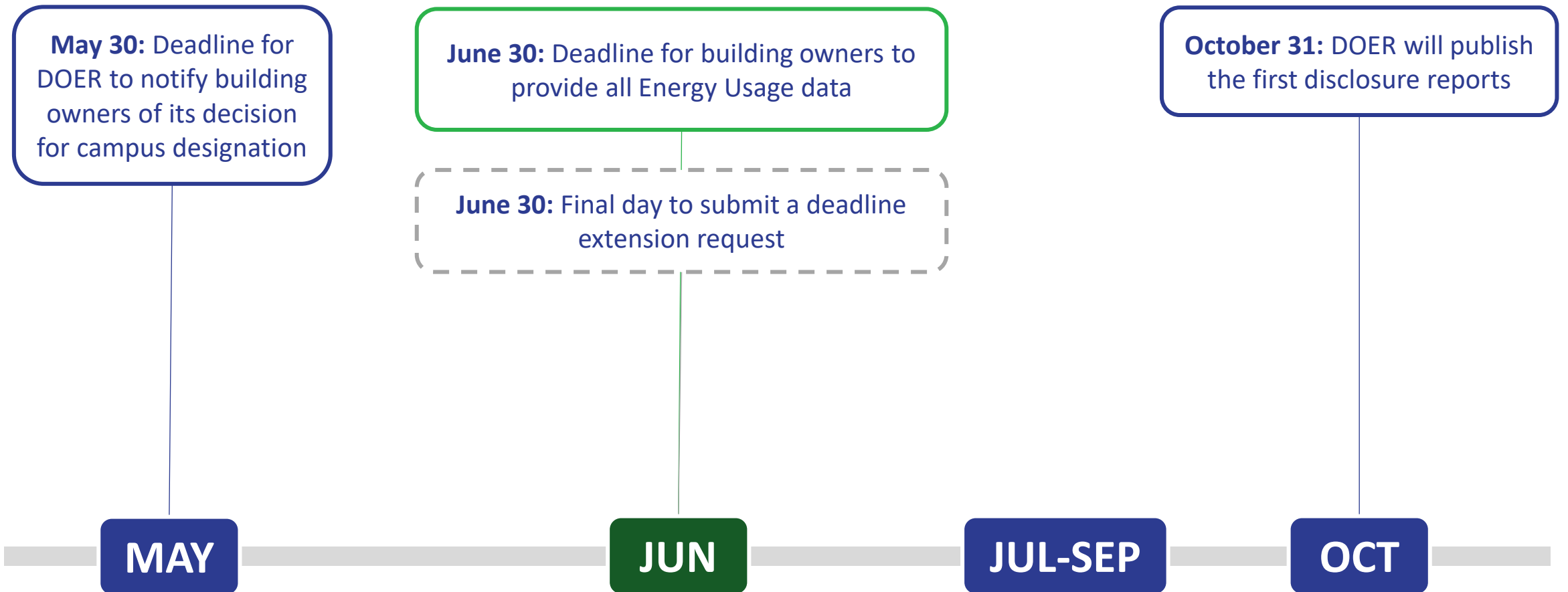
For municipalities, use a consistent naming convention when claiming city or town buildings and include “City of” or “Town of” in the text, as appropriate or applicable.

- For example, “City of Boston” or “Town of Milford”

Important Deadlines



Important Deadlines



Additional Resources

Knowledgebase

Within the BEAM Platform (see bottom right text), there is a [Wiki-type site](#) that houses information on the LBER process, guidance documents, announcements, and upcoming events.

Use the Knowledgebase to:

- Access resources & tools (i.e., UBID Lookup Map)
- Submit a Claim My Building Form
- Dispute inclusion, request exemption, add building
- Submit questions

This site *does not* require an account or login.

DOER Website

The [LBER website](#) gives a basic overview of the regulations, as well as announcements of LBER processes and implementation.

The website also gives contact information for those interested in learning more about LBER.

Building Owner Portal

The [Building Owner Portal](#) on the BEAM platform allows owners to see what building energy data has been collected by utilities and building owners.

The BEAM platform will be open at a future date.

Learn More About LBER

See recordings of past webinars [here](#).

LBER 101 for Building Owners in MA

MA DOER, NEEP, ClearlyEnergy
January 29, 11:00AM – 12:00PM

JAN

FEB

MAR

APR

MAY

JUN

LBER for Public Entities: Claiming Buildings

MA DOER, LBE Division
March 5, 11:00AM – 12:00PM

LBER for Public Entities: Claiming Buildings

MA DOER, LBE Division
March 17, 2:00PM – 3:00PM

LBER Webinar for Building Owners in MA

MA DOER, NEEP, ClearlyEnergy
March 18, 12:30PM – 1:30PM

LBER for Public Entities: Energy Reporting

MA DOER, LBE Division
April 8, 11:00AM – 12:00PM

Large Building Energy Reporting Deadline

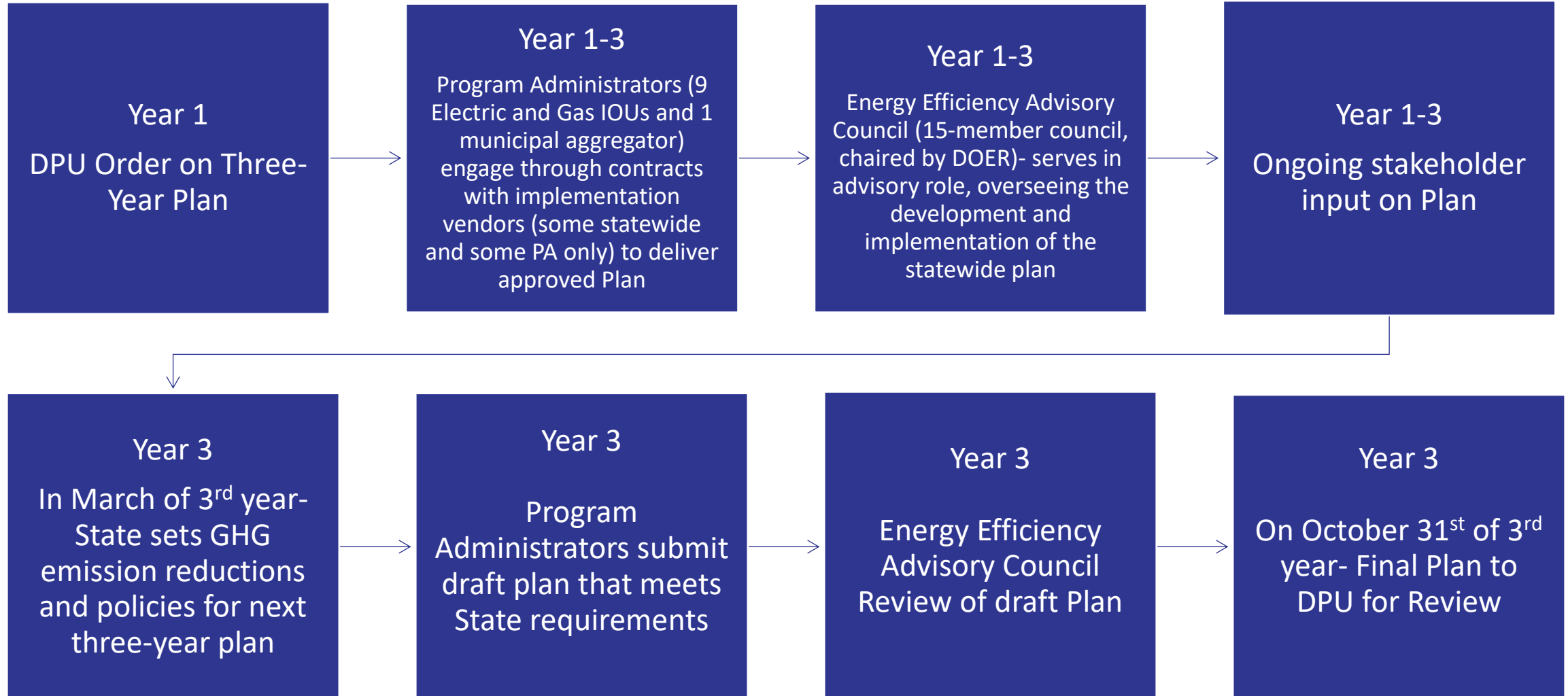
June 30



2025 Three-Year Energy Efficiency Plan Briefing

Jo Ann Bodemer, Director, DOER Energy Efficiency Division

The Process



The DPU Order (February 28, 2025)

- The DPU approved the proposed plan, making minor modifications to the proposed programs and offerings
- The most significant change is the directive to reduce the Residential Budget by 500 Million
 - 250M Electric (15% reduction)
 - 250M Gas (25% reduction)
- Impacts to overall GHG emissions reductions (proposed 1M metric tons) and equity investments is unknown, PAs developing options
- The Department acknowledged the collaboration between the PAs and EEAC in developing the Plan



Key Feature: Residential

Recognizing the need for an improved customer journey

Improved service through customer-centric enhancements

- Decarbonization services and support
- Statewide Contact Center
- Electrification Advocates
- Improved rebate processing and heat pump rebate pre-approvals



Improved Access

- Expanded eligibility for moderate income
- Year-round income qualification for low-income that is independent of the fuel assistance application process
- Work with Mass Health for identification of low-income customers not on discount rate

Key Feature: Equity

Distributive justice is a key element of program design & implementation

Unparalleled equity investment: \$1.9 billion (which may be adjusted), with significant support for renter initiatives

21 Designated Equity Communities

- Selected because high proportion of rental properties and LMI customers
- Rental properties automatically eligible for 100% incentive for weatherization, heat pumps, & barrier mitigation via turnkey pathway model
- All 1-4 properties automatically eligible for 100% incentive for weatherization

Programmatic enhancements to increase service to moderate income customers, renters, and small businesses

Turnkey Delivery Model

- Customers work with a trusted vendor
- End-to-end project facilitation/project management
- Open to moderate income customers statewide and 1-4 rental properties in 21 DEC's

Key Feature: Commercial and Industrial

Recognizing the need for long term planning and expanded programs

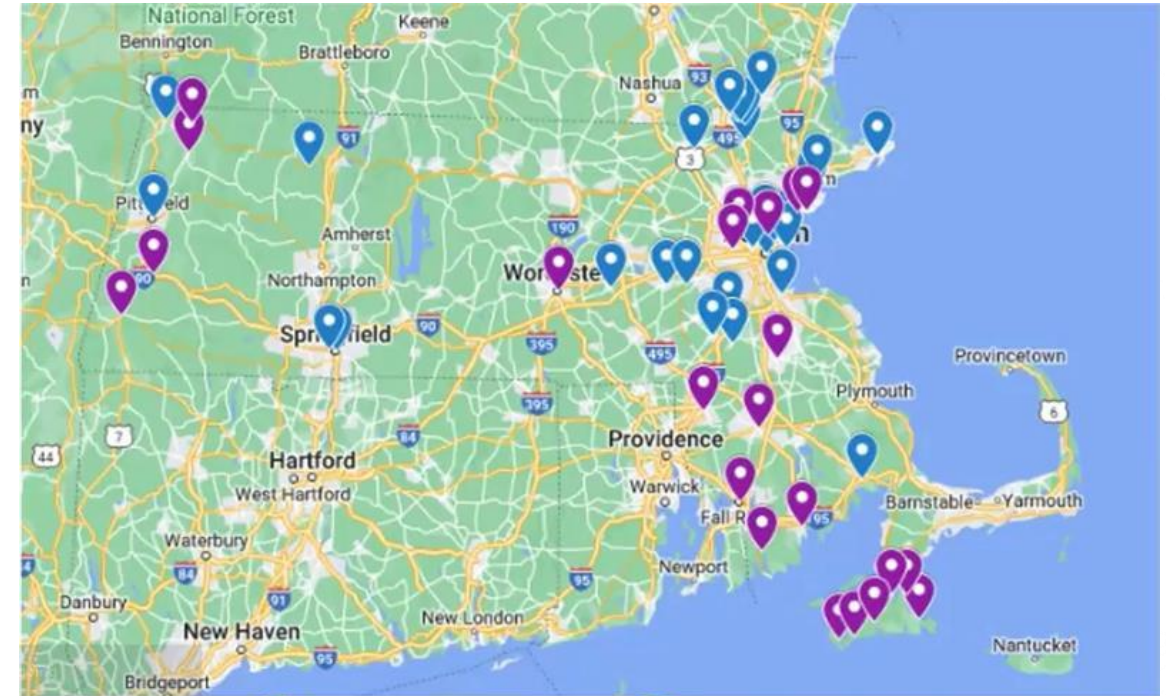
- Expanded support for Existing Building Commissioning
- Introduction of additional GHG reducing measures like refrigerant leak mitigation
- Expanded support for long-term decarbonization planning
- Improved account management
- Increased incentives for small businesses and charitable nonprofits



Key Feature: Strengthening Support

Recognizing the need to support communities, contractors and develop workforce

- Expanded **Community First Partnerships** through increased funding, improved data access and customized marketing materials
- Increased funding to support **workforce** efforts
- Continued **contractor training** and development of Heat Pump Installer Network
- Aspirational benchmark to spend 15% of dollar volume of direct Mass Save contracts with **diverse suppliers**



2022 Cohort



2023 Cohort



MASSACHUSETTS
DEPARTMENT OF
ENERGY RESOURCES



Federal Funding: A Brief Update

Eric Friedman, Director, LBE

A Brief Update

We continue to move forward:

DOER is still reviewing the applicable federal executive orders and will continue to move forward with our programmatic work during this time.

All DOER award accounts are currently marked as open, including Solar for All. That said, we are experiencing other kinds of delays, such as cancelled meetings with federal counterparts and added layers of review.

We will keep you posted as best we can.

Federally funded programs DOER is involved with:

Solar for All (SFA)

Energy Efficiency and Conservation Block Grant (EECBG)

Climate Pollution Reduction Grant (CPRG)

Resilient and Efficient Codes Implementation (RECI)

Grid Resilience and Innovation Partnerships (GRIP)

Home Efficiency Rebates (HER)

Home Electrification and Appliance Rebates (HEAR)

Clean Heavy Duty Vehicle Program (CHDV)

Massachusetts Clean Cities Coalition (MACCC)

State Energy Program Bipartisan Infrastructure Law Funds (SEP BIL)



Addressing Energy Affordability Challenges in Massachusetts

Eric Friedman, Director, DOER LBE Division

Energy Affordability in the Commonwealth

Energy distribution prices have climbed more than 30% in recent years due to a variety of factors, including MassSave Programs.

This winter's colder than normal weather has exacerbated these price increases on actual bills.

Governor Healey Administration Energy Affordability Program Announced March 10, 2025

Reduce bills for consumers by \$220 million, including:

- Immediate \$50 credit in April per residential customer served by Eversource, National Grid, and Until
- New discount rate for moderate income customers – details TBD over the next year at DPU
- Tiered low-income discount rate for deeper bill discounts for customers that meet certain income levels
- Expansion of heat pump rates – could save customers up to \$1,000 per winter
- Examination of ways to address unscrupulous competitive suppliers
- Looking at alternatives to finance new electric grid infrastructure
- Pursue new rate design, including fixed price contracts for clean energy



State Agency Updates

What's New With You?



EV and EV Charging Resources

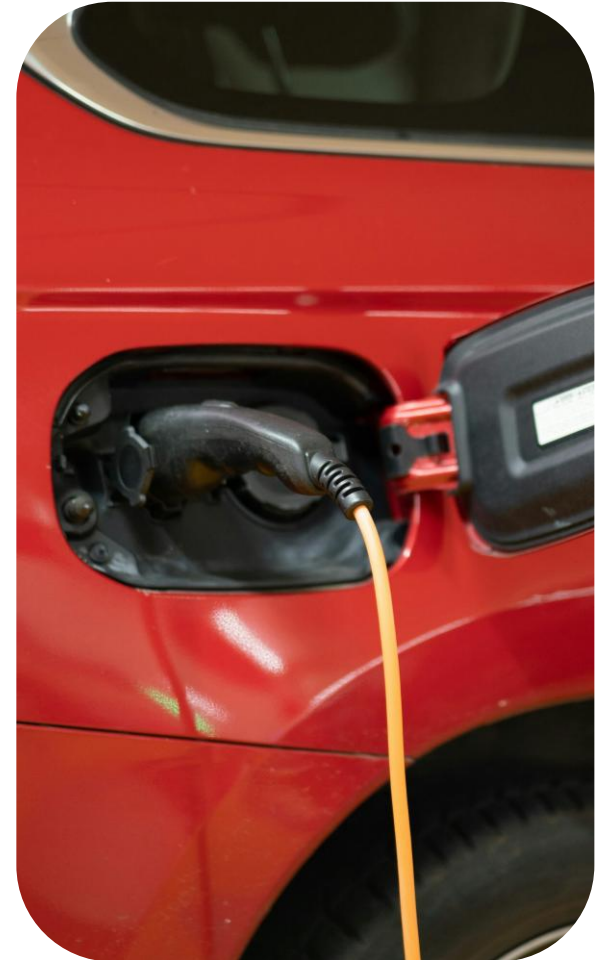
Zach Jenkins, Director, MA Clean Cities Program

Electric Vehicle Charging Station Owner Operator Resource Guide

The Electric Vehicle Infrastructure Coordinating Council (EVICC) created a Public Level 2 EV Charging Station Fee and Policy Guide to increase EV adoption by ensuring optimal use of EV charging stations and positive customer experiences.

Recommended Fee Types for EV Charging Stations

- **Energy-Based Charging Fee:** A fee based on the total amount of electricity used by a vehicle while charging (measured in kWh).
 - The fee amount can vary based on the time of day and will provide predictable revenue for station owner-operators and vehicle owners.
 - Three factors for setting an energy-based fee: 1) start with local residential electricity rates, 2) adjustment for additional costs, and 3) avoid extreme pricing.
- **Idle Parking Fee:** An additional fee charged if the vehicle stays plugged in after it's done charging.
 - The fee should be high enough to cover the lost charging opportunity cost and be set above any parking fee for a non-EV charging space as applicable.



MassCEC EV Web Pages

The MassCEC has developed a website to provide information about electric vehicles to satisfy Bill H.5060: An Act Driving Clean Energy and Offshore Wind.

The EV web pages program was created to cover multiple audiences in the transportation sector. This is broken down into 5 scopes:

1. Residential Consumer,
2. Commercial and Private Entities,
3. Vehicle Dealers,
4. Municipal Light Plant Residents, and
5. Customer Support for Residential Consumers.

The Residential Consumer website is **currently active** and publishes data on annual operating costs by vehicle type, charging information, rebate/incentive breakdowns and highlights a public call center stakeholders can use to ask questions

The Commercial, Dealership and Municipal Light Plant (MLP) pages will launch **in late spring 2025**

- Commercial and dealership pages will be live on MassCEC.com
- MLP content will be split between Clean Energy Lives Here and MassCEC.com



State Fleet Electrification

Sophia Vitello, Data & Project Analyst, LBE

Fleet Electrification Planning

VEH102

Green Fleet Committee

State Fleet Electrification Planning

OVM-Managed Fleet Planning

40
fleets

- OVM worked with a consultant to develop electrification plans for each state fleet under their jurisdiction
 - In coordination with each state entity
- Created “glidepaths” or roadmaps for zero-emission vehicle (ZEV) transition for each fleet out to FY2030

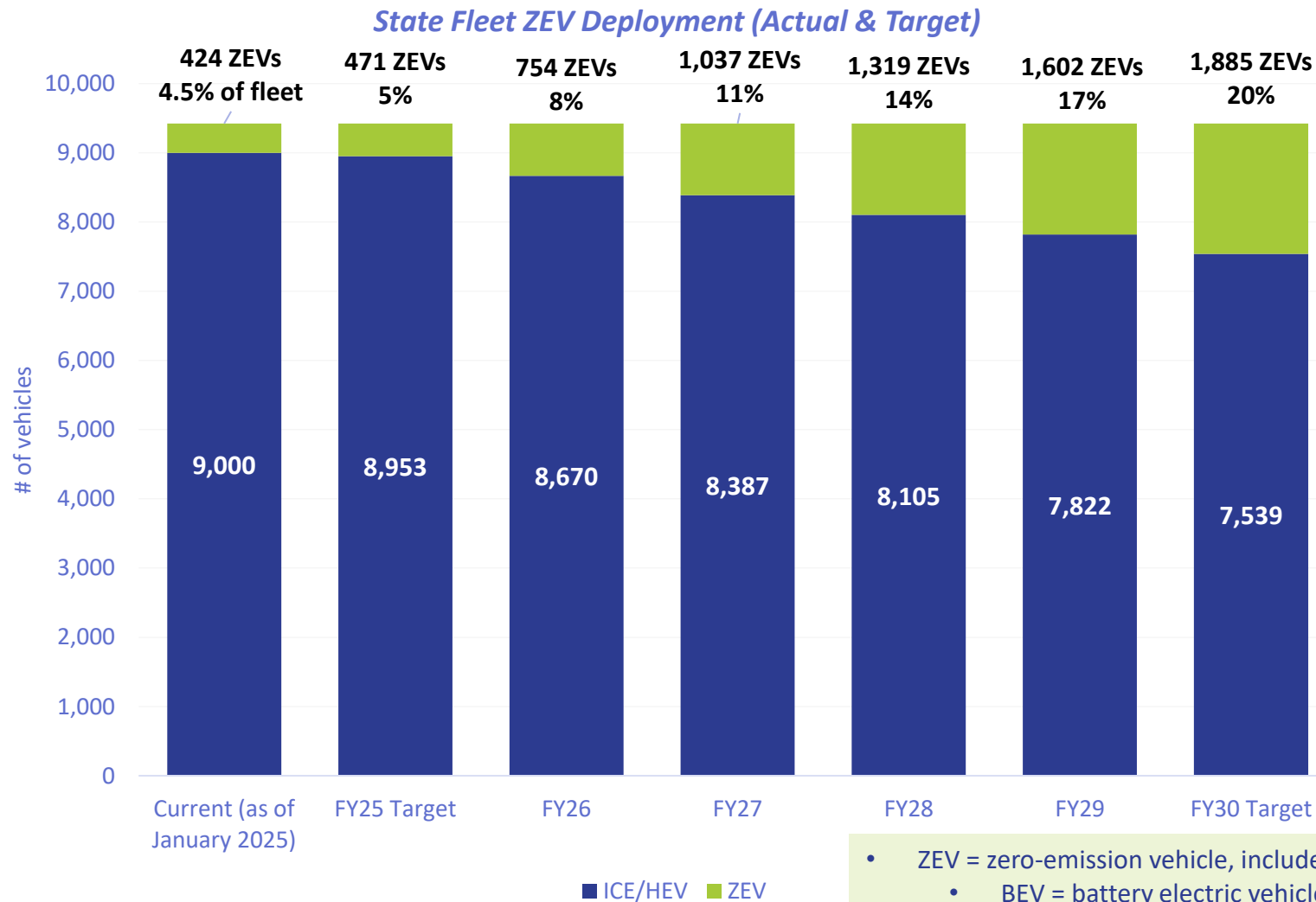
Non-OVM Managed Fleet Planning

52
fleets

- LBE supporting the development of fleet electrification plans for non-OVM managed state fleets (inc. higher ed, authorities, etc.)
- Connect fleets with free planning resources
 - Eversource & National Grid fleet advisory services, MassCEC Fleet Advisor, DRVE tool

Goal → Roadmap to meet FY2030 Executive Order 594 fleet electrification target (20% ZEV by FY30)

State Fleet ZEV Deployment



- ZEV = zero-emission vehicle, includes:
 - BEV = battery electric vehicle
 - PHEV = plug-in hybrid electric vehicle

- Currently, **4.5 %** of state fleet is **electric**
- To meet EO594 targets, state fleet to add:
 - FY25: 47 ZEVs
 - FY30: 283 ZEVs annually

NEW OIG Ruling: EV/EVSE Procurement

Chapter 206 of the Acts of 2024, G.L. c. 7, § 22P

Section 22P.

- (a) “Notwithstanding section 39M of chapter 30 or any other general or special law to the contrary, governmental bodies may procure electric vehicles and the installation of charging stations for said electric vehicles under this chapter. **The electric vehicles and the installation of charging stations may be procured separately or in 1 procurement.** For the purposes of this section, electric vehicles shall be considered supplies and charging stations, and the installation thereof shall be considered services.”

Under section (b) of this chapter and section, contracts shall be awarded to a bidder who:

- i. Has the skill and experience to perform for the work
- ii. Is OSHA compliant & ensures employee workplace safety and training
- iii. Obtains the security by bond required under section 29 of chapter 149

This law became effective as of September 16, 2024.

Green Fleet Committee



If interested, email
sophia.vitello@mass.gov



Established in 2008 by the Green Communities Act



Comprised of representatives from the Operational Services Division (OSD), the Office of Vehicle Management (OVM), DOER, MassDEP, and state entity fleets



Responsible for helping to identify and facilitate clean transportation solutions



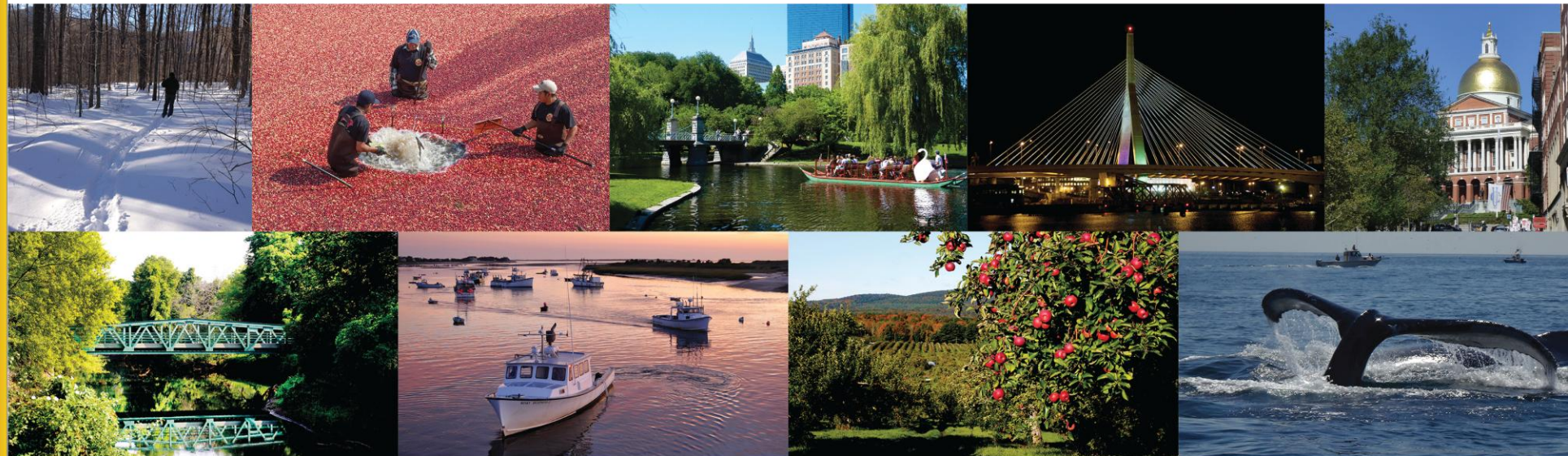
Work with state entities to acquire more efficient & alternative fuel vehicles, educate on new clean transportation technologies, and provide technical support

Operational Services Division Focus on Climate and Sustainability



OPERATIONAL SERVICES DIVISION

Julia Wolfe, Director of Environmental Purchasing



Operational Services Division – Climate and Sustainability Unit

- OSD Environmentally Preferable Products Procurement Program (EPP Program)
- FY24 EPP Annual Report
- Climate and Environmental Practices (CEP) Form



Why Does Environmentally Preferable Purchasing Matter?



Governments spend a LOT!



This spending has an **IMPACT** on the environment (hidden costs).



POLLUTION

BIODIVERSITY LOSS

CLIMATE CHANGE
RESOURCE DEPLETION
DEFORESTATION

OSD's EPP Program - Overview & Legal Framework

Environmentally Preferable Products (EPP) Procurement Program active for almost 3 decades.

- **801 CMR 21.6 (4) (e)**: Massachusetts Competitive Procurement Standards codifies EPP
- **EO515**: Establishing an Environmental Purchasing Policy (2009), sets clear objective, identifies priority areas, & creates mandate.

Priority Areas:

Recycled Content, toxics reduction, energy and water efficiency, waste minimization and sustainable materials”

Also influenced by:

- ✓ **EO 594**: Leading By Example: Decarbonizing and Minimizing Environmental Impacts of State Governments
- ✓ **EO 604**: Establishing the Office of Climate Innovation Within the Office of the Governor

Objective

“...help conserve natural resources, reduce waste, protect public health and the environment, and promote the use of clean technologies, recycled materials, and less toxic products.”

Mandate

“...whenever such products and services are readily available, perform to satisfactory standards, and represent best value”

How are climate and environmental considerations integrated into public procurement?

Over half of Statewide Contracts contain EPP specifications and all SWC bid packages require vendor sustainability assessment form.

1 Product and Service Specifications (RFR)



2 Vendor Sustainability Performance (CEP Form)



Goal



To drive markets towards greener products & influencing supplier behavior

OSD's EPP Program – Scope and New Developments

OSD Scope of Work: Establish policies and procedures that promote environmental purchasing:

- Use bidding process as a tool to integrate environmental considerations
- Report Annual Progress
- Co-Chair the Toxics Reduction Task Force
- Outreach to buyers and coordination with governments and non-profits

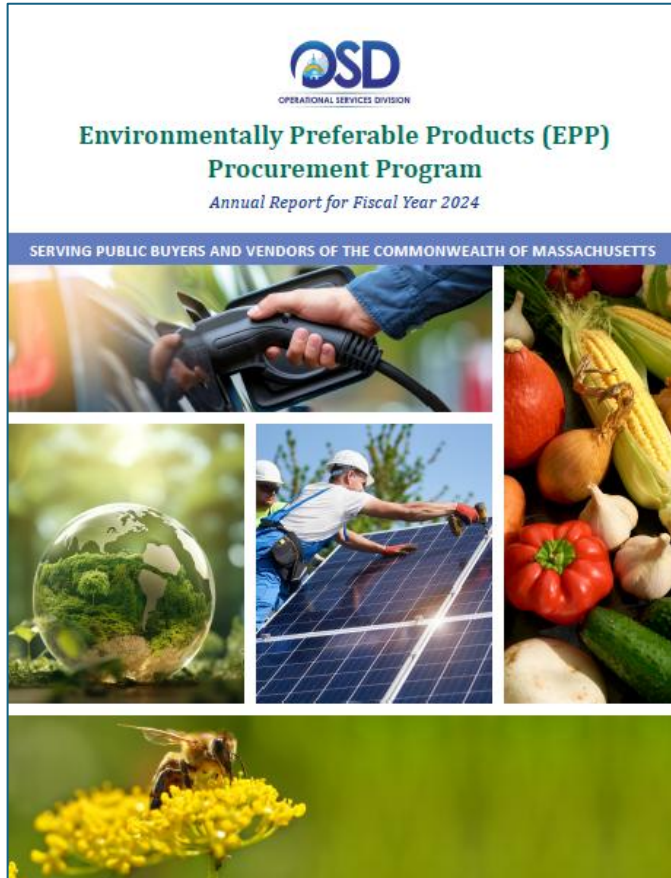
New Developments:

- [Recommendations of the Climate Chief](#) (Melissa Hoffer): Leverage public procurement to support state decarbonization efforts.
- OSD Alignment: Creation of OSD Climate and Sustainability Unit, strengthen climate and environmental language bids, expand vendor sustainability assessments, require post award climate reporting, and track data.



OSD's EPP Program – FY24 EPP Annual Report

- Required to [report annual progress](#) with EO 515.
- Collect environmental and climate purchasing information in mandatory quarterly vendor sales reporting.



Key Performance Indicator (KPI)	FY24	Cumulative FY21-FY24
Estimated EPP spend using Statewide Contracts	\$409M	\$1.5B
Estimated tons of waste diverted from disposal to recycling	63,996	214,213
Estimated annual savings, primarily from energy efficient purchasing choices	\$9.1M	\$17.8M
Estimated lifetime savings, primarily from energy efficient purchasing choices	\$11.5M	\$51.9M
Reduction in lifetime metric tons of carbon dioxide equivalent (MTCO2e), primarily from purchasing energy efficient products, those containing post-consumer recycled content, or materials diverted from disposal	48,491	643,578

OSD's EPP Program – FY24 EPP Annual Report

Environmental Considerations Entry Points

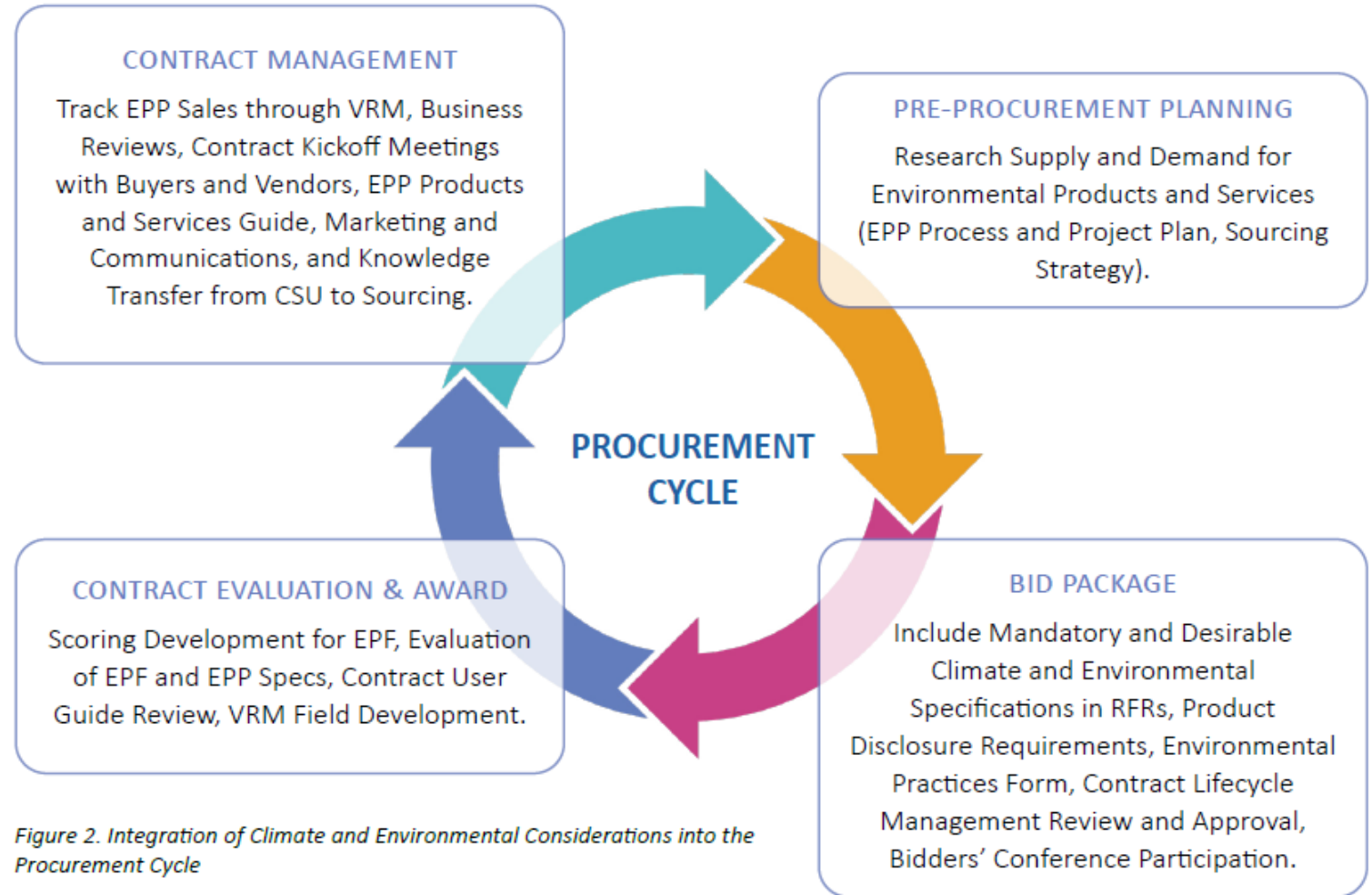


Figure 2. Integration of Climate and Environmental Considerations into the Procurement Cycle

OSD's EPP Program – FY24 EPP Annual Report

Heightened Focus on Climate and Vendor Sustainability Performance

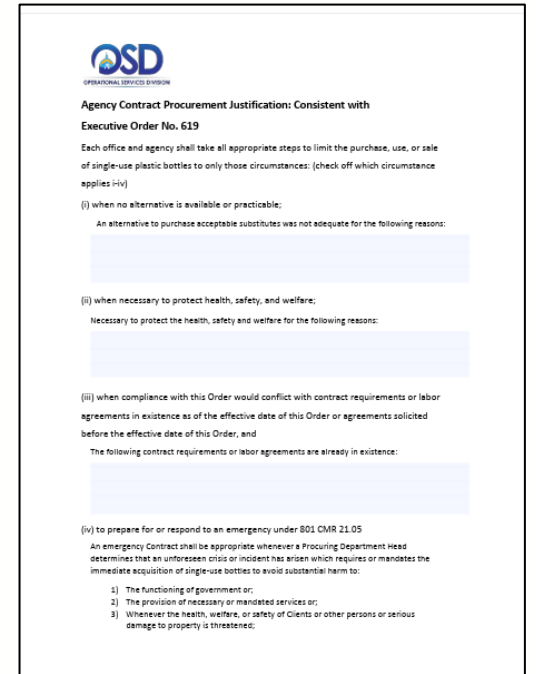
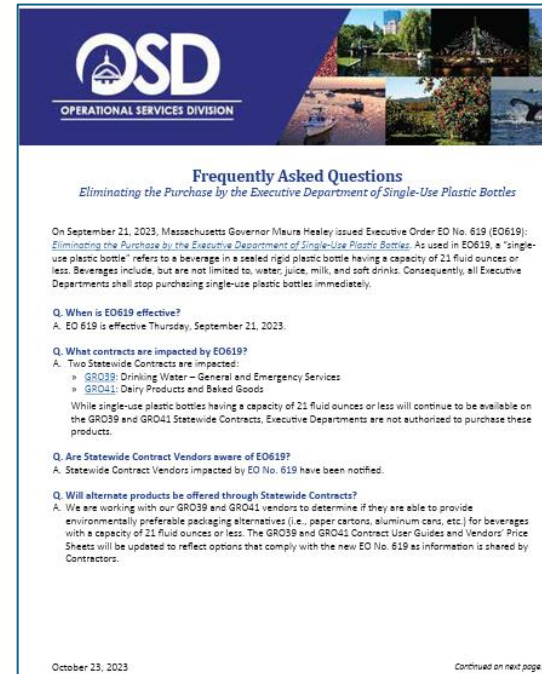
- OSD Request for Responses (RFR) Language updates
 - ✓ New Climate and Environmental Practices (CEP) Form
 - ✓ Post Award Climate and Sustainability Reporting
- Tracking of data in CAPPS database
- Trainings and Stakeholder Engagement



OSD's EPP Program – FY24 EPP Annual Report

Executive [Order 619](#): Eliminating the Purchase by the Executive Department of Single-Use Plastic Bottles

- ✓ Develop policies
- ✓ Worked with vendors to identify alternatives to plastic beverages bottles with a capacity of 21 fluid ounces or less
- ✓ Communicated with vendors to remove single-use plastic bottles on contracts



OSD's EPP Program – FY24 EPP Annual Report



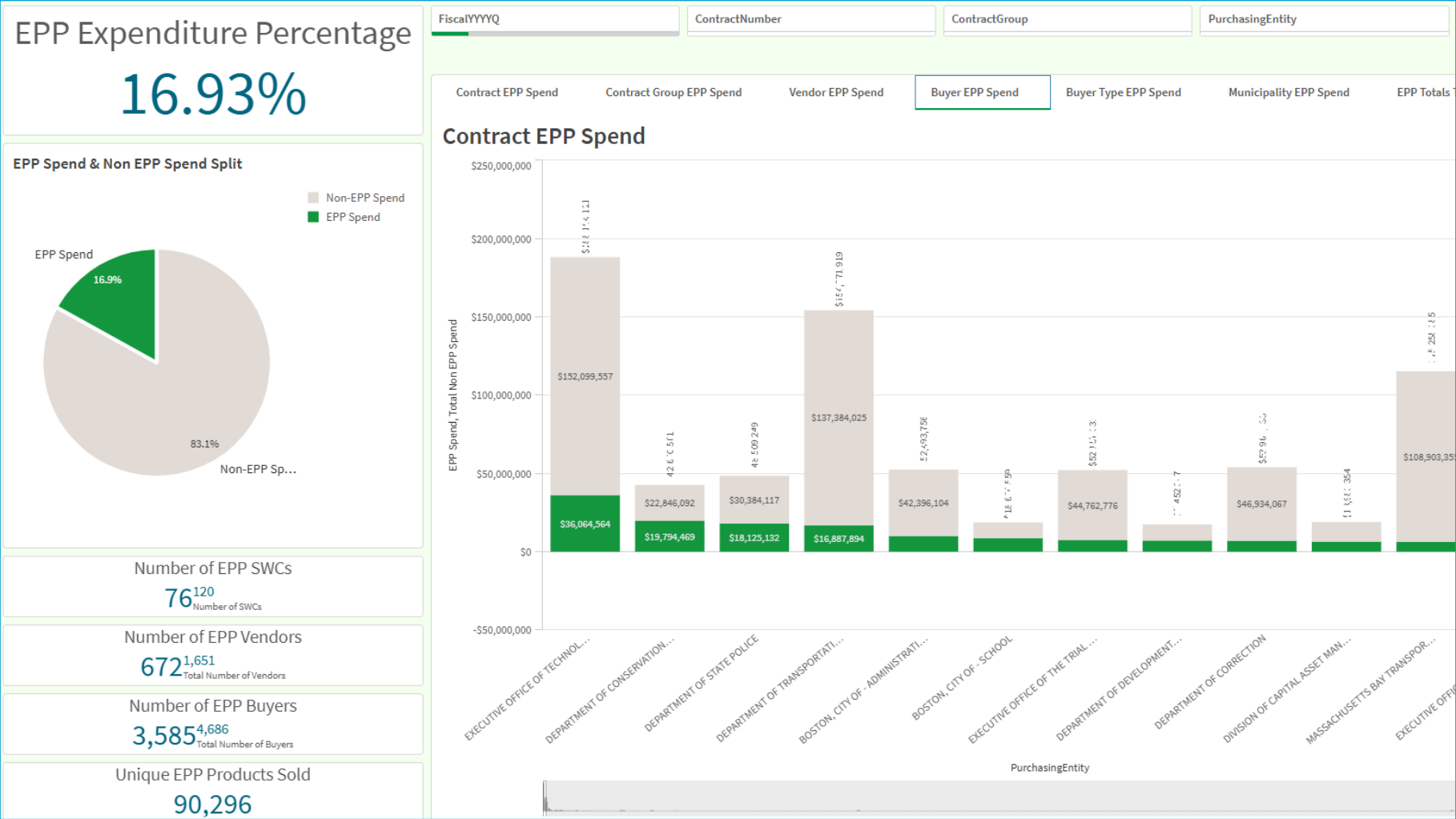
Third Party Certifications and Standards

- Became a Global Electronics Council Electronic Procurement Environmental Assessment Tool (EPEAT) Climate+ advocate
- Expanded disclosure requirements in contracts for third-party certifications/eco-labels, Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs)
- Increased attention to the issue of PFAS (per- and polyfluoroalkyl substances).
- Alignment with Commonwealth Appliance Efficiency Standards.

OSD's EPP Program – FY24 EPP Annual Report

Development of EPP Performance Analytics Dashboard to track key metrics:

- Contract sales
- Purchaser sales
- Vendor sales
- By contract categories
- By buyer categories



OSD's EPP Program – FY24 EPP Annual Report

Data over time

EPP Sales

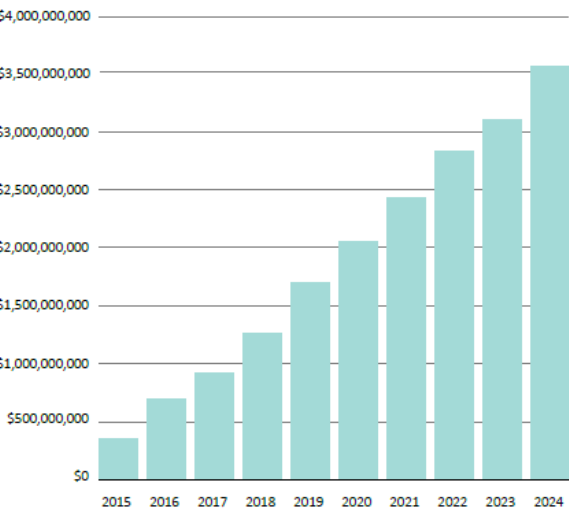


Figure 3. Cumulative EPP Sales, FY2015-FY2024

Cost Savings

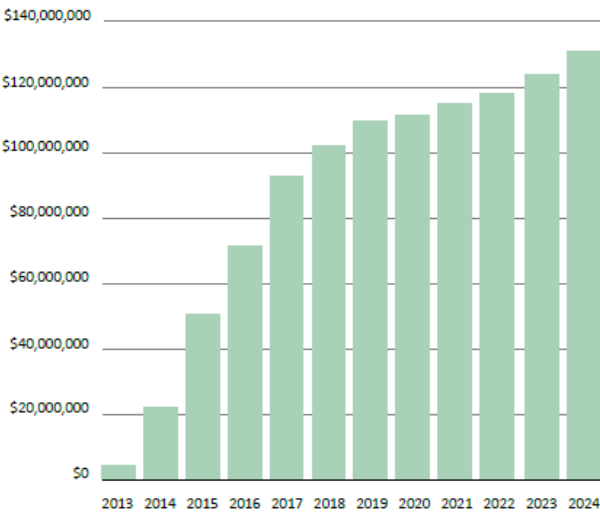


Figure 4. Cumulative Lifetime Cost Savings from Purchases of Energy-Efficient Products, FY13-FY24

Tons of Waste Diverted

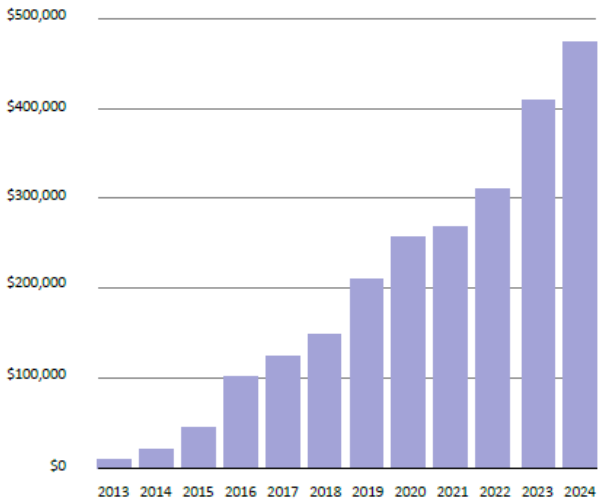


Figure 5. Cumulative Tons of Waste Diverted from Disposal to Recycling, FY13-FY24

MTCO2 Reduced

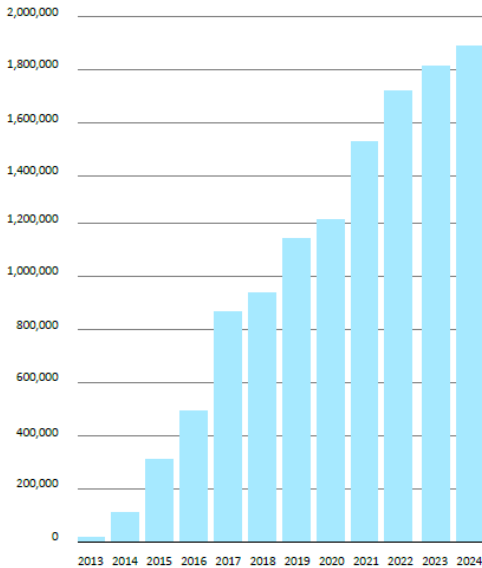


Figure 6. Cumulative Metric Tons of Carbon Equivalent Reduced, FY13-FY24

CEP Form Overview

Objective

- The CEP Form is a **vendor sustainability assessment tool**, designed to collect information on how vendors are reducing the environmental footprint of their facilities and operations.
- It allows Bidders to showcase their environmental policies, practices and monitoring efforts, earning bid evaluation points for demonstrating sustainability initiatives.
- The CEP Form replaces the Environmental Practices Form (EPF).
- The data gathered from the form is used for bid evaluation and data analytics on vendor sustainability.

Requirements and Compliance

- The CEP Form is included in all Statewide Contract bids.
- All Bidders must complete the 10 primary questions in the CEP Form. Failure to provide responses may lead to disqualification from the contract award process.
- To receive evaluation points for responses (sustainability claims), Bidders must provide supporting evidence.

Additional Resources

- [Guidance on Completing the Climate and Environmental Practices Form](#)
- [Video tutorial](#)



CEP Form Structure and Questions

A. POLICY

Presence and scope of a sustainability policy.

B. PRACTICES

Environmental practices related to business facilities and operations.

C. MONITORING

The existence and scope of monitoring efforts.

D. CERTIFICATIONS

Environmental management certifications and awards.

A. Sustainability Policies	(Field 1)	(Field 2)	(Field 3)
A.1 Has your organization adopted a sustainability policy, strategy or plan? <u>If "No" skip to Question B.1.</u> If "Yes," provide the date of issuance in Field 2 and a link or the name of the attached document for your policy, strategy or plan in Field 3.	Yes		
A.1.1 What climate and environmental focal areas are covered by your policy, strategy or plan? From the list below, specify the environmental focal areas covered by your policy by selecting "Yes" from the drop-down menu in Field 1. If your policy is comprehensive, provide the chapter and page number(s) in Field 2 where the selected focal areas are discussed. If these areas are addressed in separate individual policies, provide a link or the name of the attached document for each policy.			
• Climate action			
• Renewable energy			
• Energy efficiency			

OSD Resources

Sign up for Communications: bit.ly/OSDsignup

OSD: www.mass.gov/osd

Climate & Sustainability Unit: www.mass.gov/operational-services-division-osd-climate-and-sustainability

COMMBUYS: www.commbuys.com

OSD Help Desk: 1-888-627-8283 or OSDHelpDesk@mass.gov

OSD Blog: www.mass.gov/collections/procurement-insights



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@Mass_OS



OPERATIONAL SERVICES DIVISION



Clean Energy Grants for Public Entities

Morgan Bowler, Clean Energy & Sustainability Coordinator, LBE

LBE Grants

Green Communities

MassDEP

MOR-EV



LBE Grant Programs

See our [grants website](#) for more information.



Solar-Decarbonization

Incentives for solar PV, decarbonization projects, and associated EVSE & storage at state owned facilities

LBE Contact: Sophia Vitello (Sophia.Vitello@mass.gov)



Equipment Decarbonization

Partial cost coverage for electrifying state-owned equipment

LBE Contact: Morgan Bowler (Morgan.Bowler@mass.gov)



Fleet EV Charging Equipment

Up to 100% cost coverage for deployment of EVSE at state facilities

LBE Contact: Sophia Vitello (Sophia.Vitello@mass.gov)



Clean Energy Feasibility Studies

Funding for studies examining the feasibility of technologies and strategies

LBE Contact: Morgan Bowler (Morgan.Bowler@mass.gov)



Restoration Program for Solar & Decarbonized Systems

Cost coverage for repair or replacement of critical components for existing systems at state facilities

LBE Contact: Arianna Zrzavy (Arianna.Zrzavy@mass.gov)

Solar-Decarbonization Grant

New solar PV, battery energy storage, public or workplace EVSE, decarbonization projects.

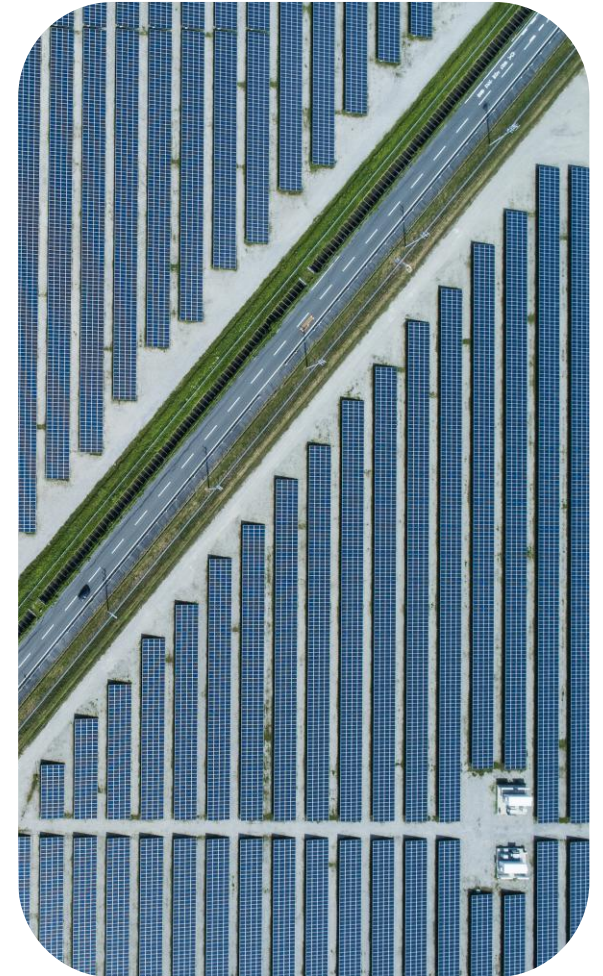
Cost per watt (solar) incentive with optional storage, EVSE, and decarbonization funding.

Eligibility: Executive Branch agencies, public higher education, and authorities.

Grant Limit: Up to \$2,500,000 per project.

Application Deadline: Applications accepted on a rolling basis.

Remaining Funding: \$22.5M



Restoration Grant Program for Solar & Decarbonized Systems

Up to 100% eligible project cost coverage for repair or replacement of critical components for existing solar PV and electrified heating systems at state facilities.

Eligibility: Executive Branch agencies, public higher education, and authorities.

Grant Limit:

Per entity = \$1.5M

Per project = \$500,000.

Application Deadline: Applications accepted on a rolling basis.

Remaining Funding: \$5M



Equipment Decarbonization Grant

Federally funded program for heat pumps, water heaters, kitchen, landscaping, or operations & maintenance equipment.

Cost coverage of 40%–55% of eligible project costs.

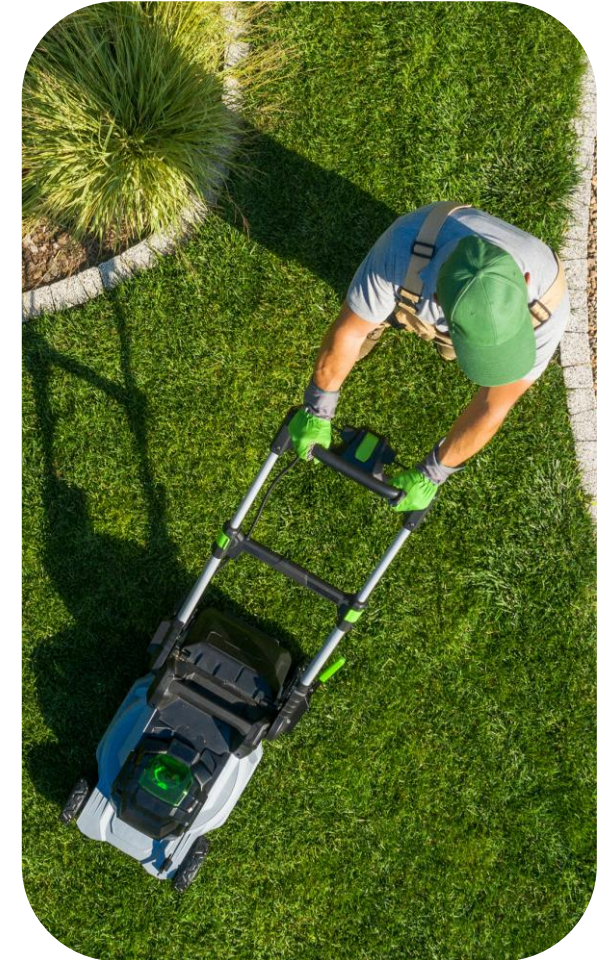
Eligibility: Executive Branch agencies, public higher education, and authorities.

Grant Cap: \$150,000-\$350,000 per project depending on category.

Application Deadline: Applications accepted on a rolling basis.

Remaining Funding: \$2.22M

TEMPORARILY PAUSED



FY25 Fleet EV Charging Deployment Grant

For dedicated state fleet EV charging infrastructure.

Covers up to 100% of costs, including: equipment, assessment, installation, commissioning, pre-wiring, prepaid maintenance/data packages, extended warranties.

Eligibility: Executive Branch agencies, public higher education, and authorities.

Grant Limit (per agency):

Fleet < 200 vehicles = \$300,000

Fleet ≥ 200 vehicle = \$500,000

Application Deadline: Applications accepted on a rolling basis

Note: for non-domicile projects, work must be complete by end of June 30, 2025.

Remaining Funding for non-domicile: \$99,426

Remaining Funding for domicile: \$150,000

DOER is hoping to continue this program in FY26.



Clean Energy Feasibility Studies Grant

For clean technologies or strategies that target energy, emissions, and/or fossil fuel reductions (e.g., pollinator habitat study).

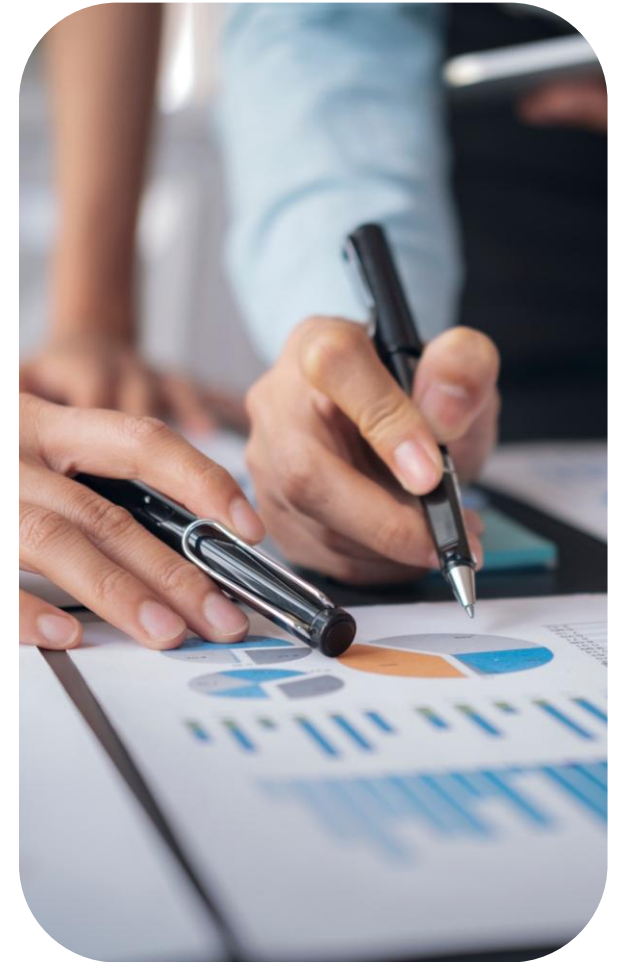
Eligibility: Executive Branch agencies, public higher education, and authorities.

Grant Limit: Up to \$150,000 per study.

Application Deadline: Applications accepted on a rolling basis.

Remaining Funding: \$11,915

DOER is looking for additional opportunities for funding.





BUT WAIT
THERE'S MORE!

Green Communities, MassEVIP, and MOR-EV also have incentives
to take advantage of!

Green Communities Competitive Grant Program

Eligibility:

- Be a green community

Offers funding through three pathways

- **Prescriptive Measures:** Walk-in Refrigeration Controls, Door and Window Weather Stripping, Workforce Development, Electric Vehicle Acquisitions, EV Charging Stations, and Battery-powered Lawn Care & Landscaping Equipment, etc.
- **Traditional Measures:** Building Envelope Improvements, HVAC Equipment, Water Heaters, Interior Lighting and Controls at Public Schools, Vehicular Efficiency Measures, Battery Energy Storage Systems, Repairs To Existing Renewable Energy Systems, etc.
- **Building Decarbonization Projects**

Application Deadline:

- Applications are accepted from March 24, 2025 to April 4, 2025

Grant Limits:

	Applicants w/<\$1M in past Green Communities Competitive Awards	Applicants w/>\$1M in past Green Communities Competitive Awards	Applicants w/projects that directly benefit Environmental Justice Communities
Traditional and Prescriptive	\$225,000	\$125,000	\$250,000
Building Decarbonization Projects	\$500,000 with 25% community match	\$500,000 with 25% community match	\$500,000 with 10% community match

Green Communities Electric Vehicle Grants

Eligibility: Green Communities Only

Grant amounts vary by technology and whether a vehicle is purchased or leased.

Higher maximum grant funding for communities that meet special eligibility requirements.



Prescriptive Measure*	Maximum Grant Amount	Maximum Grant Amount Available for Specially Eligible Communities
Light-duty fleet HEVs and PHEVs	\$3,000 - \$5,000	\$6,000 - \$10,000
Light-duty fleet BEVs	\$5,000 - \$7,500	\$10,000 - \$15,000
Medium-/Heavy-duty fleet BEVs**	\$10,000 - \$15,000	\$20,000 - \$30,000

**Prescriptive grants are subject to change – [sign up for the Green Communities newsletter](#) for the latest updates.*

***MD/HD rebates are only available for communities in certain Environmental Justice Communities.*

MassEVIP Charging Incentives

Public Access ([link](#))

- Up to 100% of eligible costs at government-owned locations
- Site must allow practical public access at least 12 hours a day, 7 days per week
- Hardwired Level 1 or Level 2 charging
- ADA accessible design requirements



Workplace/Fleet ([link](#))

- Up to 60% of eligible costs
- At least 15 employees on site (workplace) or where fleet vehicles are garaged
- Hardwired Level 1 or Level 2 charging
- ADA accessible design requirements for workplace charging
- Must get a fleet vehicle within 6 months (extensions may be requested)

Multi-Unit Dwellings ([link](#))

- Up to 60% of eligible costs
- MUDs with 5+ units or campuses with at least 15 students onsite; site must have equal access
- Hardwired Level 1 or Level 2 charging
- ADA accessible design requirements

Electric Vehicle Incentives

MassEVIP Fleets ([link](#))

- Eligible entities: municipalities, state agencies, and public higher education campuses; up to 25 vehicles per entity
- Price Cap: \$60,000 or less and
- GVWR Cap: 10,000 pounds
- Incentive Amounts:

	BEV	PHEV
Purchase	\$7,500	\$5,000
Lease	\$5,000	\$3,000

- Must be approved for funding before order is placed
- If the applicant uses VEH110, MassDEP will pay the vendor on statewide contract directly after receiving the documentation
- MassEVIP Fleets grants cannot be combined with funds obtained through the MOR-EV or Green Communities programs for a single vehicle

MOR-EV Pick Ups/Class 2b and Class 3-8 ([link](#))

Eligible entities: MA residents, private businesses/nonprofits in MA, educational institutions, local, municipal, and state governments

	Pick Up & Class 2b Trucks	Class 3-8
Application Process	Submit within 90 days of purchase or lease	2 step voucher process
Price Cap	\$80,000	\$2,000,000
GVWR Cap	Pick Ups: 6,000-10,000 Class 2b: 8,501-10,000	10,001+
Base Rebate Value	\$7,500	\$15,000 - \$90,000 Vary by GVWR
Add-ons	\$1,500 MOR-EV+ Adder <u>Only for residents</u>	10% EJ Adder



**What's happening outside of
Massachusetts?**

Massachusetts ranks first in Top 10 States for LEED in 2024

U.S. Green Building Council, January 2025

- Massachusetts certified over 34 million square feet of space with LEED in 2024 with a total of 132 projects
- Notable LEED projects certified in 2024 include:
 - **Gillette Stadium** | LEED Gold | 1,062,296 square feet
 - **One Boston Wharf** | LEED Platinum | 483,900 square feet
 - **300 3rd Avenue Waltham** | LEED Gold | 139,600 square feet
- Massachusetts has long been a leader in using opt-in building codes to push for decarbonization of the built environment
- LEED Certified State Buildings in MA: 104
 - Over 12.2 million square feet
 - 63% LEED Platinum or Gold
- New DCAMM Surplus Property Facilities Maintenance building
 - Office space designed to Passive House standards
 - Includes 44 kW DC solar PV array, ground source heat pumps
 - LEED GOLD and LEED Zero Net (expected)



Transitions to EVs

Norway is set to become the first country to fully transition to electric vehicles ([CNBC](#), January 2025)

- Norway is set to become the first country in the world to effectively erase gasoline and diesel cars from its new car market
- Norway's EV sales have increased from less than 1% of total auto sales in 2010 to a whopping 88.9% last year
- The European Union adopted legislation to effectively ban sales of new carbon-emitting cars starting 2035
- Some of Norway's EV incentives include discounts on road and parking taxes and access to bus lanes
- Norway's government has also heavily invested in public charging infrastructure, and many Norwegian households are able to charge their cars at home

Ten States Hit Ambitious Electric Vehicle Target ([NESCAUM](#), March 2025)

- Multi-state memorandum of understanding (MOU) set target in 2013 to put 3.3 million EVs on the road in signatory states:
 - California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Rhode Island, Vermont
- All ten signatory states met their collective goal!
- Charging stations are a key component to encourage EV sales; increasing the number of charging stations supported EV sales in the ten MOU states
- EV market offers nearly 10x more choice since 2013

Every new EV coming in 2025 and beyond

MSN, January 2025

There are at least 68 new EV models in the works, with expected delivery dates in 2025-2027. The models range from household to luxury brands.



Chevy Bolt



Hyundai Ioniq 9



Ford Fiesta EV



The Place(s) to Be: Events and Conferences in 2025

Event	Organization	Description	Date & Location
<u>BuildingEnergy Boston 2025</u>	* Northeast Sustainable Energy Association (NESEA)	Conference and trade show designed by and for practitioners in the fields of high-performance building and design, energy efficiency, and renewable energy.	March 20-21 <i>Westin Boston Seaport District</i>
<u>Better Buildings, Better Plants Summit</u>	* U.S. Department of Energy	This annual event for Better Buildings, Better Plants partners and other key stakeholders provides the opportunity for professionals to explore emerging technologies and share innovative strategies in energy efficiency, water, and waste reduction.	April 30 – May 2 <i>Capital Hilton, Washington D.C.</i>
<u>MASSBUYS EXPO</u>	* Operational Services Division (OSD)	The MASSBUYS EXPO connects public purchasing and procurement officials from government agencies, municipalities, non-profit organizations, and public education institutions with Statewide Contractor Vendors for a day of networking and learning.	May 1 <i>Gillette Stadium</i>
<u>2025 MassDOT Transportation Innovation Conference</u>	MassDOT	The annual MassDOT Transportation Innovation Conference provides a forum for innovative transportation systems, management ideas, and initiatives. The MassDOT Transportation Innovation Conference is open to all transportation practitioners from federal, state, and local transportation agencies, Metropolitan Planning Organizations, transit agencies, academia, and private industry. <i>(Request for waitlist.)</i>	May 6-7 <i>DCU Center, Worcester</i>
<u>AltWheels Fleet Day</u>	* AltWheels	This year's AltWheels Fleet Day will focus on micromobility, sustainable transportation, sustainable marine, EV boats, and sustainable aviation.	October 6 <i>Four Points by Sheraton, Norwood</i>

* Meet LBE staff here!



MASSACHUSETTS
**DEPARTMENT OF
ENERGY RESOURCES**

Thank You!