



Municipal Energy Manager Welcome Orientation

Sept 17, 2025



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Mark Rooney- Eastern MA
Nate Audette- Central MA/ Merrimack Valley
Tim Simmonds- Western MA

Agenda

Time	Duration	Topic
8:30-9:00	30 mins	<i>Breakfast & Networking</i>
9:05-9:30	25 mins	Welcome & Introductions
9:30-10:00	30 mins	Ice-breaker Activity
10:00-10:30	30 mins	Overview of Energy Manager Role, Tools Available for Success
10:30-10:45	15 mins	<i>Break</i>
10:45-11:10	25 mins	What is Mass Save and How It Can Help
11:10-11:45	35 mins	Overview of Green Communities
11:45-1:00	85 mins	<i>Lunch</i>
1:00M-1:45	45 mins	Meet the Energy Manager Fire Side Chat
1:45-2:00	15 mins	<i>Break</i>
2:00-3:00	60 mins	Goal Setting: Breakout Groups
3:00-3:30	30 mins	Wrap Up
3:30		<i>(Optional) Happy Hour at The Rail Trail Flatbread Co.</i>

Welcome & Introductions



Welcome from Mass Save



Chris Porter

**Director, Customer
Energy Management**

National Grid



2025-2027: Municipal Energy Manager Grant Kickoff

WE ARE MASS SAVE®:



Congratulations!

Municipal Energy Manager Awardees by the numbers

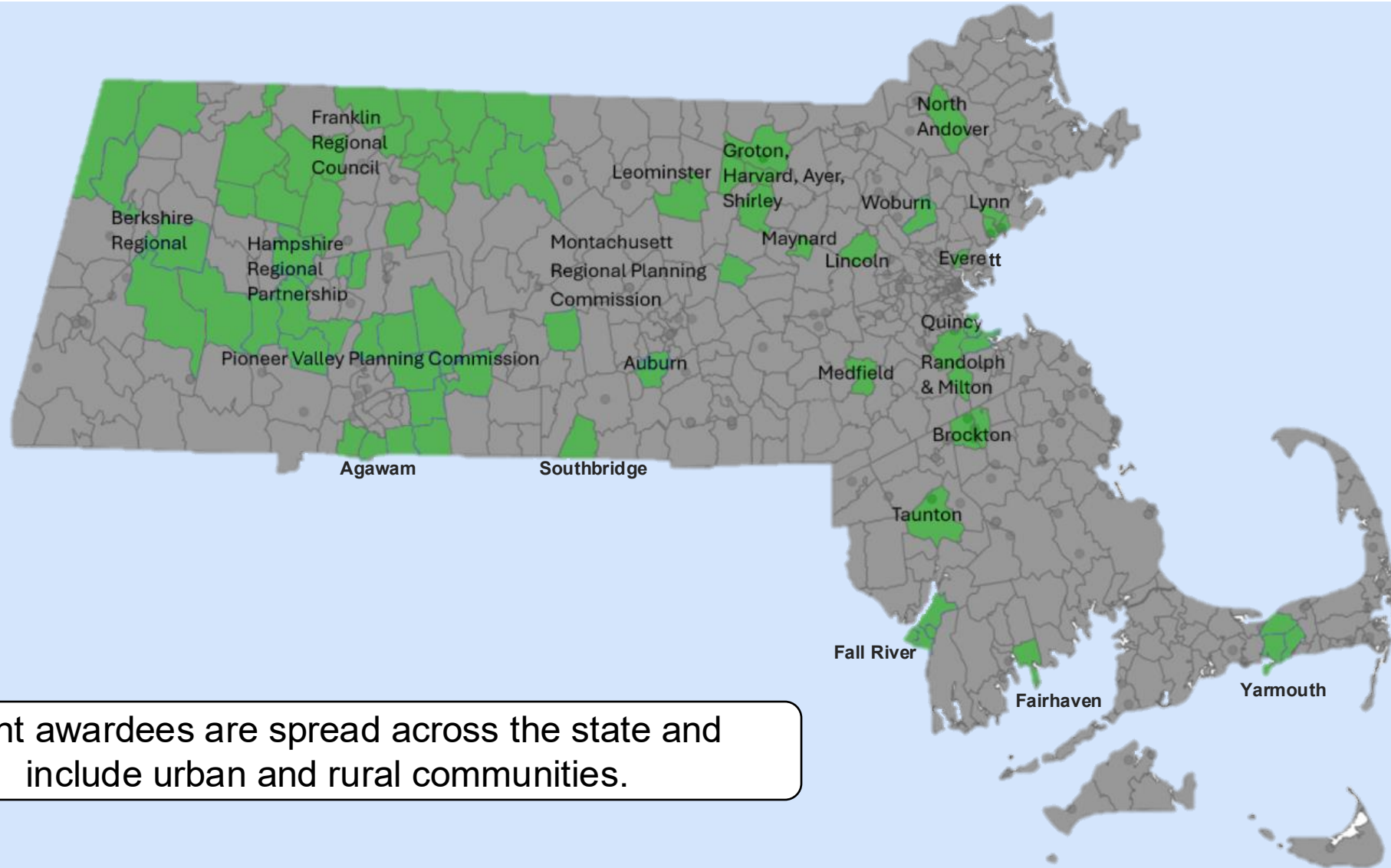
24 Total number of teams awarded

63 Total number of municipalities benefitting

5 Total number of regional planning authorities benefiting

\$5.23M Total dollar amount to be awarded over three years

MEM Grant Awardees



Grant awardees are spread across the state and include urban and rural communities.

Municipal Energy Managers' Role

- Manage and track energy saving projects for all municipal buildings
- Facilitate energy management assessments
- Develop or update municipalities' Energy Management Plans
- Become a DOER Green Community in good standing
- Facilitate technical studies at schools for decarbonization opportunities



Training and Support

- ✓ Training and professional development forthcoming
 - Tracking and communicating success
 - Navigating Mass Save programs
 - Site visits to high efficiency buildings
 - Heat pump manufacturers
 - DOER Green Communities Mass Energy Insight tool
 - Overview of MassCEC opportunities
- ✓ Peer networking as a cohort and with existing municipal energy managers
- ✓ In-person and virtual opportunities



Mass Save School Decarbonization Offer



Municipal Energy Manager competitive grant for communities without a similar full-time role. **(National Grid and Eversource)**



Technical Assistance: Portfolio Planning and Project Planning assistance designed to work together with MassCEC's Green School Works program.

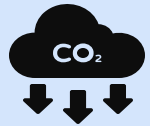


Enhanced Incentives for energy efficiency and electrification of school buildings. This can work together with MassCEC's Green School Works, MSBA heat pump program, DOER Green Communities, and DOER's Transforming Energy in Schools Initiative.



Staff Training and Teacher Curriculum, such as training for facilities staff and teacher training and student workshops on energy efficiency and clean energy.

2025-27 Planned Support for Schools from Mass Save Sponsors



\$53M in planned incentives for decarbonization projects



\$5.2M to support **24** Municipal Energy Managers



\$2M to support municipalities with grant applications for external funding



\$2.25M for Decarbonization Roadmaps in **15** municipalities



\$2.4M to support **160** Comprehensive Building Assessments



\$1M for Portfolio Prioritization Plans across **100** municipalities



\$150k for training school facilities personnel

The Mass Save Sponsors have dedicated significant support to schools and expect to spend over **\$65M** from 2025-2027.

Welcome from Department of Energy Resources



Elizabeth Mahony
Commissioner,
Massachusetts
Department of Energy
Resources

Icebreaker



Icebreaker: Finding Common Ground

- Get into groups of 2-3
- 10 minutes – Find 3 things you have in common
 - Cannot be obvious!
- Remaining time - Share your findings with the table

Overview of the Role





Overview of Energy Manager Role

WE ARE MASS SAVE®:



Mass Save School Decarbonization Offer



Municipal Energy Manager competitive grant for communities without a similar full-time role. (National Grid and Eversource)



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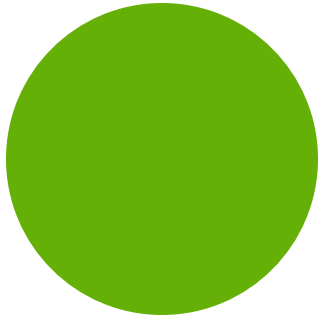


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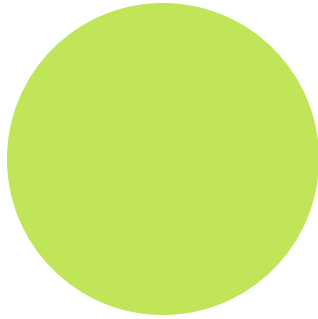
Staff Training and Teacher Curriculum, such as training for facilities staff and teacher training and student workshops on energy efficiency and clean energy.

Expectations of Role

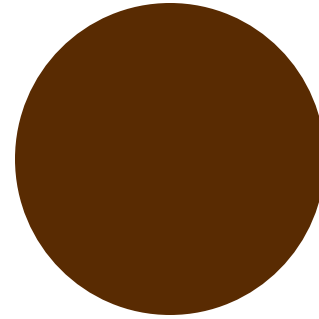


Understand
current energy
management
practices

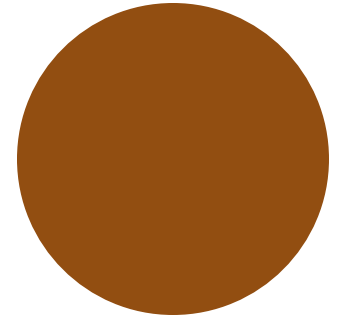
Partner with
key players



Use technical
assistance to
identify projects
Create goals



Identify funding
options
Make the case
for projects to
proceed



Implement
projects
Track your
progress
Celebrate your
success!

Expected Deliverables

Recording Your Progress

1. Quarterly check-in meetings on progress
2. Quarterly reports
3. Annual reports
4. Participation in Mass Save technical assistance
5. 1+ energy efficiency and/or electrification projects each year
6. Use of Mass Energy Insight tool

All with the idea that you will create an Energy Plan that fits for your municipality and schools.



Snap Shot – Quarterly Report

A solid green horizontal bar.

Quarterly Meeting

A solid green horizontal bar.

Energy Management Assessment

A solid green horizontal bar.

Technical Assistance Progress

A solid green horizontal bar.

90 Day Workplan

A solid green horizontal bar.

Grants Identified

More Training on Deliverables

- ✓ Many ways for you to learn more about recording your progress
 - ✓ Quarterly and annual reporting training in October
 - ✓ Before you leave today - meet your utility contacts
 - ✓ Quarterly check-ins
- ✓ Many partners here today to support your journey



MESM Academy Team



Julie Curti
*Clean Energy Director,
Metropolitan Area Planning
Council*



Julia Nassar
*Senior Climate & Energy
Planner, Metropolitan Area
Planning Council*



Samikshya Dhami
*Climate & Energy Planner,
Metropolitan Area
Planning Council*



Macklen Weir
*Environmental Planner,
Merrimack Valley Planning
Commission*



What is MESM Academy?

Support Services and Resources Available to You:

- Technical Training
- Peer Learning Network
- One-on-One Onboarding
- Office Hours
- Additional Tools & Resources

MESM Onboarding Package

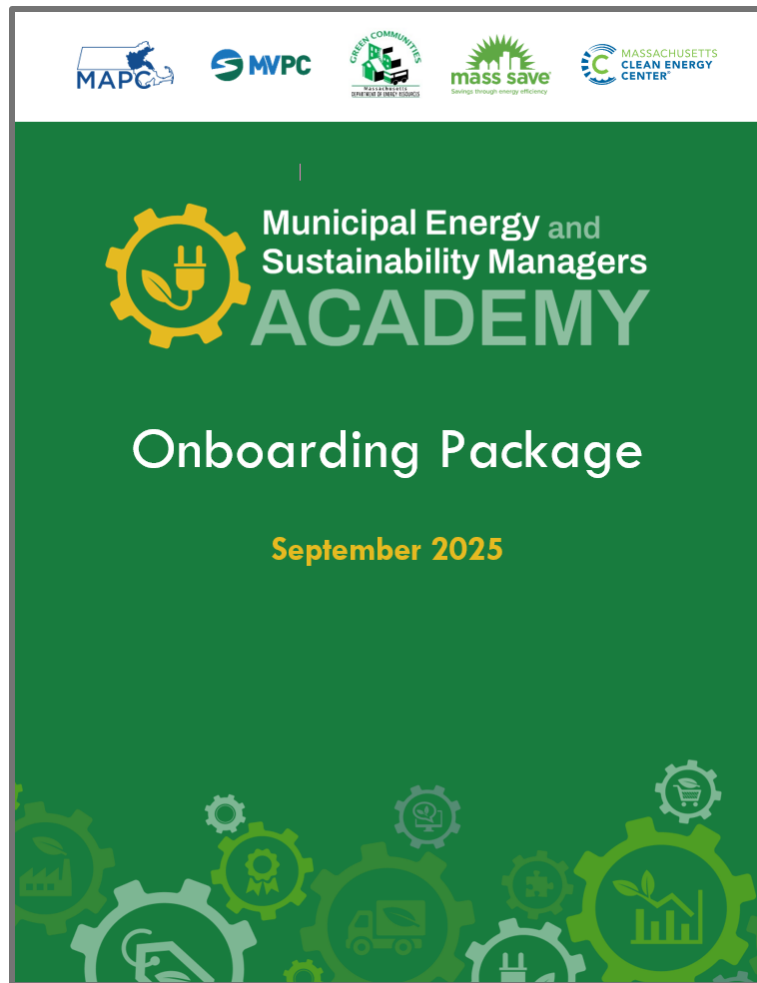


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Access the
virtual
onboarding
package here

What is Mass Save & How it Can Help



Municipal Energy
Manager Orientation
9.17.2025



Overview of Mass Save

WE ARE MASS SAVE®:



EVERSOURCE



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Agenda

What is Mass Save

Mass Save 2025-2027 Plan

Mass Save Program Offers

Vendor Partners

Tips for Working with Mass Save Sponsors



**Together, we make good
happen for Massachusetts.**

Your local electric and natural gas utilities and energy efficiency service provider are taking strides in energy efficiency: Berkshire Gas, Cape Light Compact, Eversource, Liberty, National Grid and Unitil.

As one, we form Mass Save[®], with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy efficient future.

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We Are Mass Save[®]

2025-2027 Plan Overview

- ✓ Reduce greenhouse gas (GHG) emissions
- ✓ Accelerate program access for vulnerable and underserved customers
- ✓ Deliver an improved customer experience
- ✓ Strengthen and diversify the workforce



Mass Save Programs



Residential Programs

- Home Energy Assessments for single family and multifamily properties
- Income based assistance
- New Construction

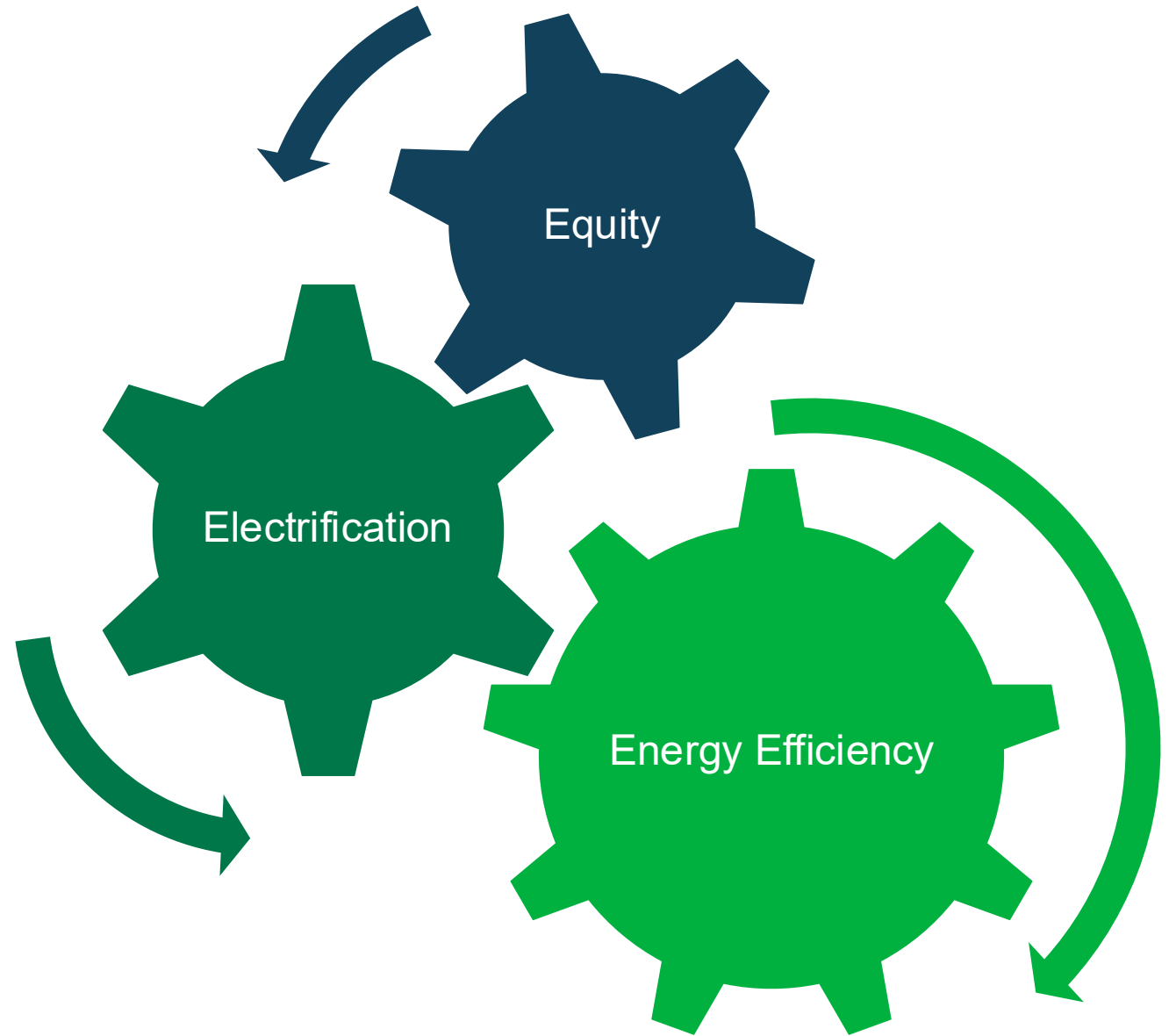


Commercial and Industrial Programs

- Small Business turnkey solutions
- New Construction and Major Renovations
- C&I Retrofit (Existing buildings)

C&I Retrofit/Existing Buildings

Commercial Programs - Areas of Focus



Technical Assistance



Decarbonization Roadmaps:

A comprehensive, portfolio-wide approach to help you achieve your sustainability goals.



Portfolio Prioritization Plans:

A high-level analysis designed to assess energy usage and building system performance across your building portfolio.



Comprehensive Building Assessments:

A deep dive into a single facility to uncover opportunities for energy efficiency and carbon reduction. Includes Scoping Studies.



Focused Studies:

Provides an in-depth analysis of specific energy-saving and decarbonization measures for your facility.



Specialty Studies:

Provides a fast-tracked path to savings and decarbonization through hyper-focused technologies.

Benchmarking/ Prioritization

Portfolio
Prioritization Plan

Identify buildings
with greatest
potential; capture
building data

Decarbonization
Roadmap

Holistic approach
to *identify* and
plan large scale
decarbonization

Measure Identification

Comprehensive
Building
Assessment

Scope
opportunities for
EE + electrification

Investment Decision

Focused
Study

Detailed,
actionable project
estimates

Implementation

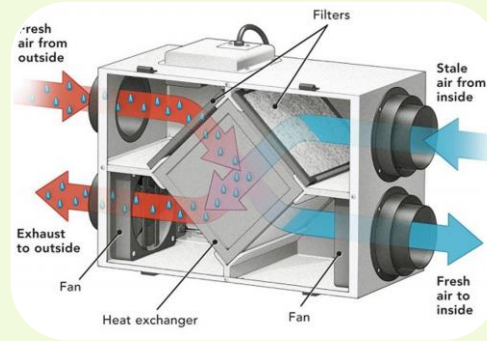


INCENTIVE OFFER

Incentives for Getting Electrification-Ready



Weatherization



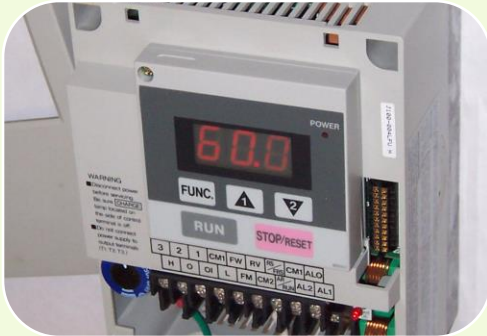
Ventilation



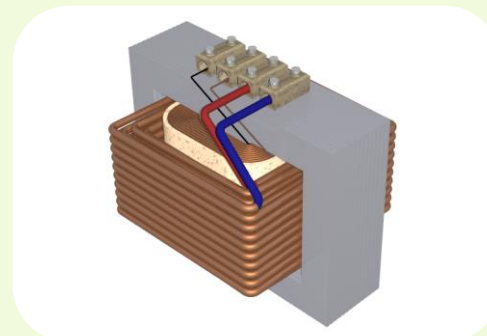
Controls



Hydronics



Variable
Frequency Drives



Transformers



Compressed Air



Lighting Controls

<https://www.masssave.com/en/business/rebates-offers-services>

Weatherization

- Benefits include reduced heating load and improving occupant comfort
- Includes insulation, air-sealing, weatherstripping

Incentives

- Prescriptive rebate for buildings <20,000 sq ft
 - Based on R-value added per sq ft
- Custom incentive for buildings >20,000 sq ft
 - Requires a benefit cost analysis
 - Incentive based on energy savings

Building Controls and Commissioning

Building Management Systems (BMS)

- Incentives for first time BMS installation, replacement of existing BMS, and the addition or optimization of control sequences.
- Prescriptive incentives for buildings <30,000 sq ft
 - Based on # of sequences and sq ft
- Custom incentives for buildings >30,000 sq ft

Existing Building Commissioning (EBCx)

- Incentives for optimizing the performance of existing building systems

Incentives for Electrification of Existing Buildings

Prescriptive Rebates



Eligible equipment (**must be on QPL**)

- **Air source (air-to-air) heat pumps**
- **Variable refrigerant flow air source heat pumps**
- **Ground source heat pumps (geothermal)**

Eligible Projects

- **< 150 tons, partial or full displacement**
Used for space heating and cooling

Rebate amount

- **Rebates are based on tonnage**

Custom Path



Use custom for...

- **Projects >150 tons**
- **Equipment not covered by prescriptive offer**
- **Process heating**

Eligibility criteria

- **Must produce net MMBTU reduction**
- **Must NOT increase GHG emissions**
- **Must meet cost-effectiveness criteria**

Incentive amount

- **Incentives vary based on scope and cost**

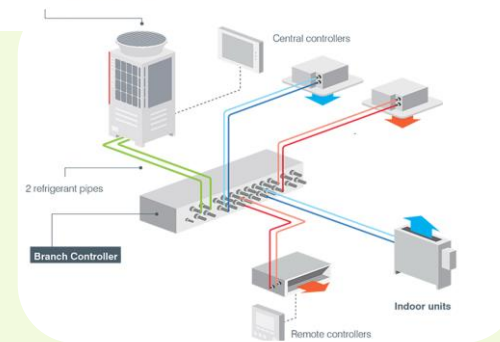
Electrification of Existing Buildings



Air Source Heat
Pumps



Heat Pump
Rooftop Units



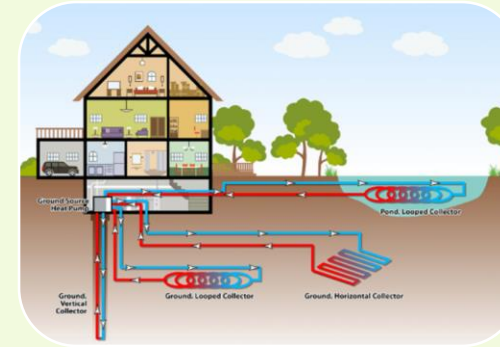
Variable
Refrigerant Flow



LEV Kits



Heat Pump
Chiller/Air to Water
Custom \$ Incentive



Ground Source
Heat Pumps

Case Study: Public Library

Existing Conditions

- Built in 1873, renovated 1997
- 60,000 square feet
- Fully air conditioned: Air-cooled chiller w/ ice storage
- Gas fired boilers, standard efficiency

Upgrades

- AWHP equipment
- Partial Electrification (hybrid approach)
- Ventilation Controls

Impacts

- Proposed Cost: \$1,658,000
- Gas Savings: 19,700 therms/yr
- 42% GHG Emissions reduction



Elementary School

Need: Replace aging boiler

Existing

- Built in 1954, renovated 2009-2012
- 62,000 sq. ft.
- Air conditioned (ASHPs 1st and 2nd floor classrooms)
- End of life Oil boilers (steam), minimal use of ASHPs for heat

Proposed

- Full electrification
- Ground source heat pump
- Ventilation system upgrades

Impacts

- Proposed Cost: \$3,650,000
- Oil Savings: 27,000 gal / yr.
- Energy Cost Savings: \$25,000/yr.
- Annual GHG Emissions Reduction: 262 metric tons CO₂e
- Triggered ADA compliance upgrades (scope and cost not included above)



Vendor Partners

National Grid and Eversource have contracted program vendors for expedited projects

Benefits of working with one of our contracted vendors include:

- Utilize Chapter 25A Section 14
- Vendors have experience working with municipalities and are familiar with applying for Green Communities and other grants

Tips for Working with Mass Save Sponsors

- Know your energy efficiency representative(s)
- Engage with us early
 - Most municipal capital planning begins 1+ year in advance
 - Plan for six months before the Green Communities application due date
- Reach out with questions: If there's a building upgrade planned, chances are there's a potential incentive
- Take advantage of our technical assistance



Thank you.

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Overview of Green Communities





MASSACHUSETTS
**DEPARTMENT OF
ENERGY RESOURCES**

Green Communities

**MassSave Municipal Energy Manager
Orientation**

September 2025



Agenda

A bit about DOER

A bit about Green Communities Division

How does a municipality become a Green Community?

Being a Green Community

Climate Leader Communities

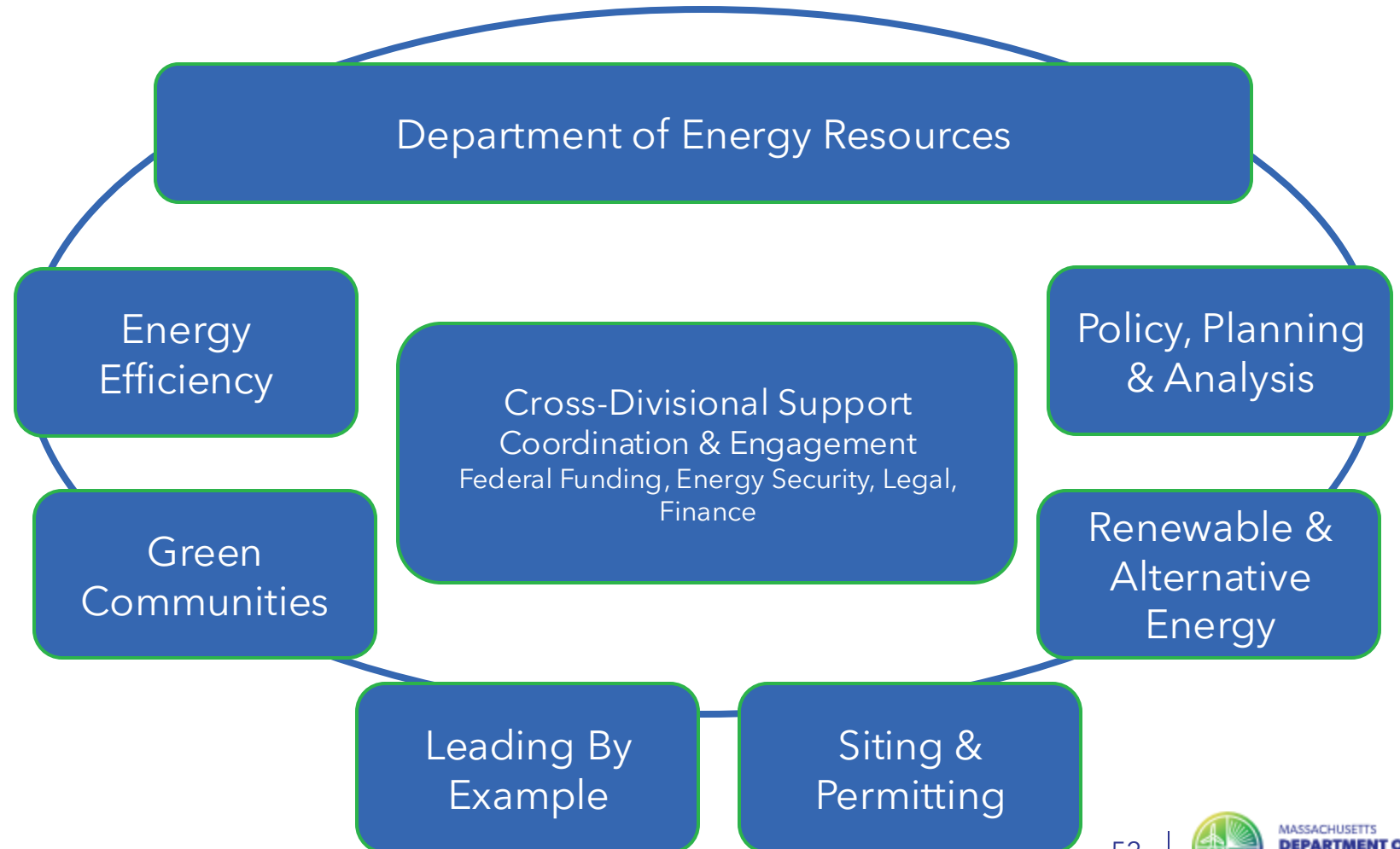
Important dates

About DOER

Mission: To create a clean, affordable, resilient, and equitable energy future for all in the Commonwealth.

Who We Are: As the State Energy Office, DOER is the primary energy policy agency for the Commonwealth.. DOER focuses on transitioning our energy supply to lower emissions and costs, reducing and shaping energy demand, and improving our energy system infrastructure.

We are an agency
of the **Executive Office of
Energy and Environmental
Affairs (EEA)**



Energy Efficiency

Goals for 2025

- Support Building Decarbonization in the Commonwealth
 - Collaborate with Mass Save program on customer enhancements
 - Ensure Lawrence, Andover and North Andover homes and businesses are served through Merrimack Valley Renewal Fund
 - Updated building codes, Commercial PACE (Property Assessed Clean Energy) guidelines, training and technical assistance
 - Continue Affordable Housing Decarbonization Grants
 - Secure and begin to use federal grant money
- Improve opportunities for public understanding and feedback on Energy Efficiency
- Launch Building Energy Reporting, which requires all owners of buildings over 20,000 square feet to report building energy use,



Energy Efficiency

2025 Key Projects

- Ongoing work with Mass Save Program Administrators on 2025-2027 Three-Year Plan
- Improve opportunities for public awareness of Energy Efficiency Division work
- Roll out Home Energy Rebate Program for municipal light plant customers, Home Electrification Appliance Rebate Program through Mass Save program

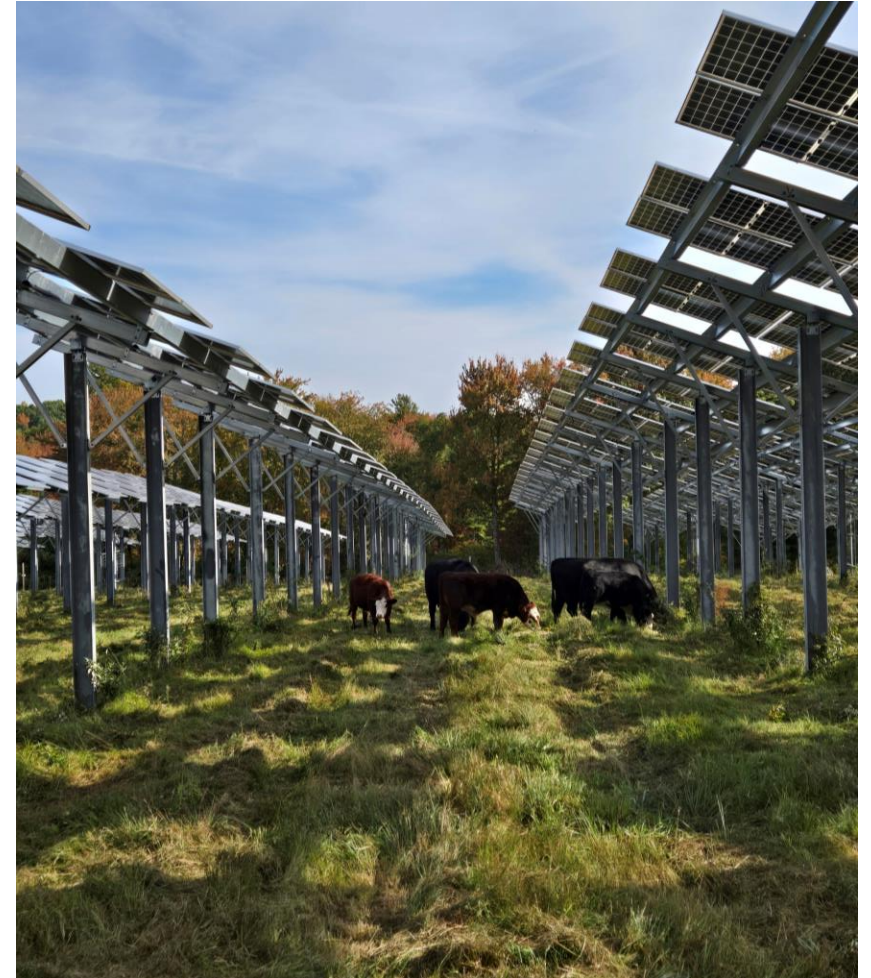
Proposed Designated Equity Communities

Chelsea	Springfield
Lawrence	Lynn
Boston	Revere
Fall River	Salem
Everett	Framingham
New Bedford	Fitchburg
Malden	Brockton
Lowell	Woburn
Quincy	Pittsfield
Worcester	Oak Bluffs
	Tisbury

Renewable & Alternative Energy

Goals for 2025

- Roll out programs and funding to support renewables across the Commonwealth
- Modernize program metrics and data reporting
- Improve existing solar consumer protection and education
- Support a balanced approach to deploying clean energy infrastructure and protecting high value natural lands
- Support renewables readiness across the Commonwealth policies
 - Interconnection
 - Grid Planning
 - Rate Making



Renewable & Alternative Energy

2025 Key Projects

- **Solar Massachusetts Renewable Target (SMART) Program:** issue draft regulations, engage stakeholders on next program iteration
- **Solar for All:** programs will open, including the first offering for single family homes
- **Low-Income Services Solar Program (LISSP):** accept applications for technical support and funding
- **Energy Storage Grant Program:** coordinate with stakeholders, develop and launch \$50M program
- **Energy Storage (83E):** in coordination with DOER, EDCs will procure energy storage



Green Communities Division

The energy hub for ***all*** Massachusetts cities and towns,
not just designated Green Communities.



Clean Energy Resources for Municipalities



- Green Communities Designation and Grant Program



- Grants for water/wastewater sector
- Supports deployment of renewables –



- Buildings and fleets



- Clean Energy Corps
- Solar Toolkit

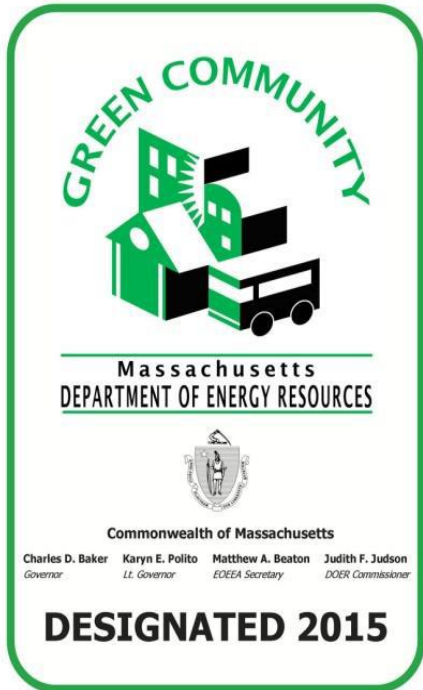


- Utility incentives for ghg reduction

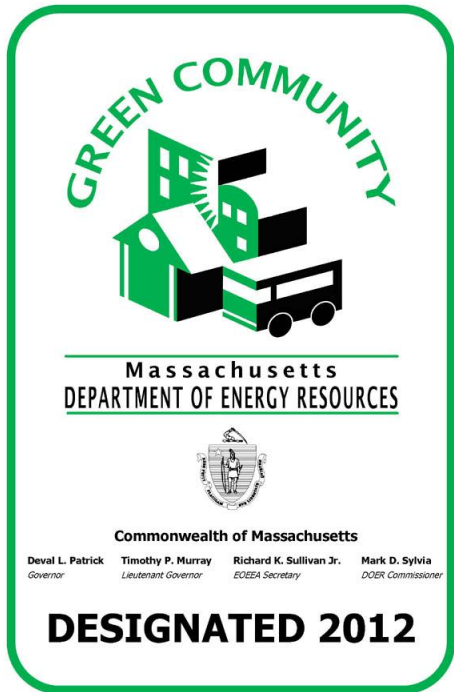
Green Communities Designation & Grant Program

Qualification Criteria - Designation

1. Adopt as-of-right siting for RE/AE generation, R&D, or manufacturing -
2. Adopt expedited permitting process
3. Create an Energy Reduction Plan to reduce energy use by 20% in 5 years
4. Adopt Fuel Efficient Vehicle Purchase Policy
5. Minimize life cycle cost in new construction → adopt the Stretch Code



Green Communities Criteria



Qualification Criteria

- 1. As-of-Right Siting for RE/AE**
2. Expedited Permitting
3. Energy Reduction Plan
4. Fuel-Efficient Vehicles
5. Minimize Life Cycle Costs

Green Communities Act, M.G.L. Ch. 25A §10

Criterion 1 – As-Of-Right Siting

For at least one of the following:

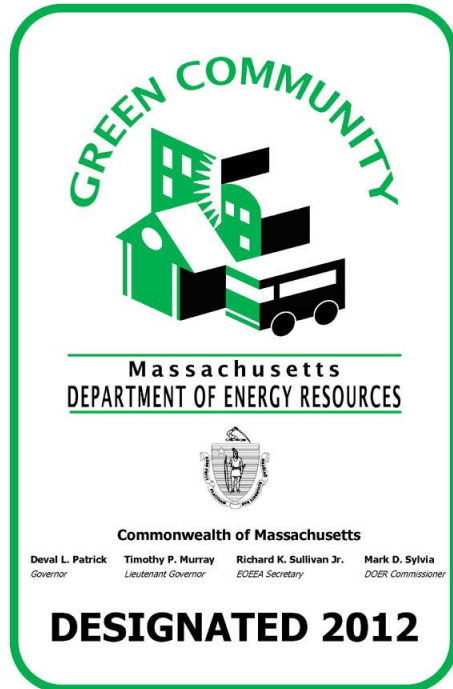
- ✓ Renewable or Alternative Energy Generating Facilities or;
- ✓ Renewable or Alternative Energy Research and Development (R&D) Facilities or;
- ✓ Renewable or Alternative Energy Manufacturing Facilities in designated locations

Criterion 1 - As-Of-Right Siting / Generation

- ✓ **On-Shore Wind - A minimum of a 600 kW turbine**
- ✓ **Solar Photovoltaic - A single ground-mounted system of a minimum of 250 kW**



Green Communities Criterion

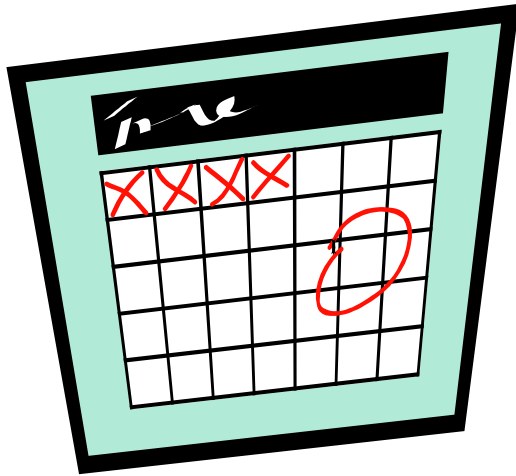


Qualification Criteria

1. As-of-Right Siting for RE/AE
- 2. Expedited Permitting**
3. Energy Reduction Plan
4. Fuel-Efficient Vehicles
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Green Communities Act, M.G.L. Ch. 25A §10

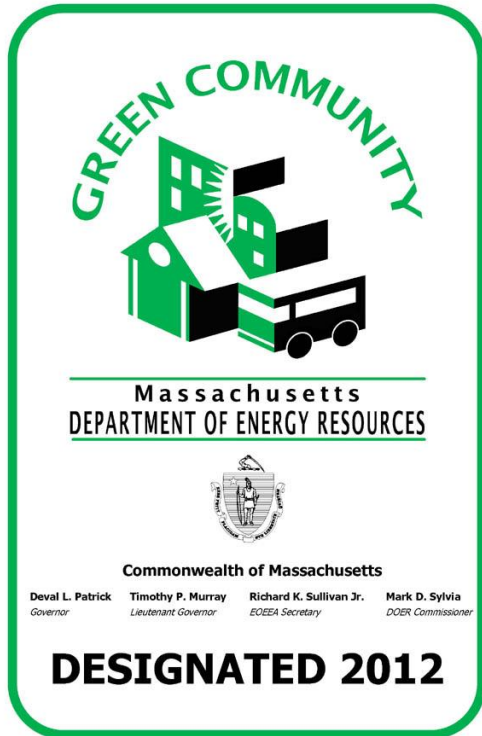
Criterion 2 - Expedited Permitting



12 months: date of initial application to date of final decision

- ✓ Applies only to the proposed facilities subject to the as-of-right siting provision
- ✓ Can apply the MGL c 43D permitting process to these zoning districts

Criterion 3 – Energy Reduction Plan



Qualification Criteria

1. As-of-Right Siting for RE/AE
2. Expedited Permitting
- 3. Energy Reduction Plan**
4. Fuel-Efficient Vehicles
5. Minimize Life Cycle Costs of new construction

Green Communities Act, M.G.L. Ch. 25A §10

Criterion 3

Energy Baseline & 20% Energy Reduction Plan

Calculate an energy use baseline inventory that includes:

- Municipal buildings, including schools
- Vehicles
- Street and traffic lighting (if municipally-owned)



MassEnergyInsight

● ● ● ● ● POWERING EFFICIENCY

- **FREE** online tool for MA cities, towns, RSD & WTP



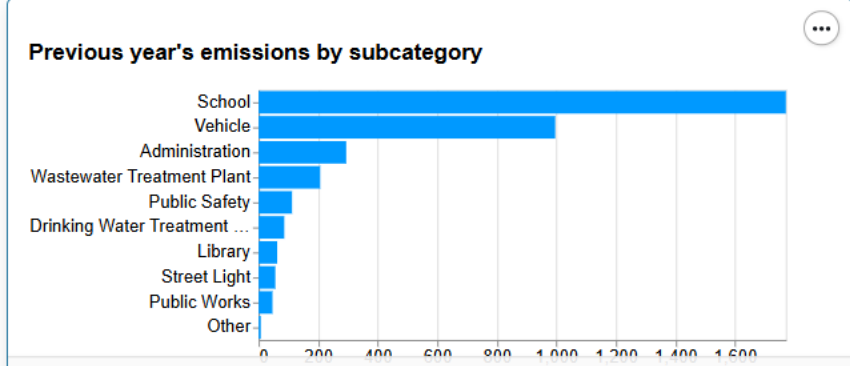
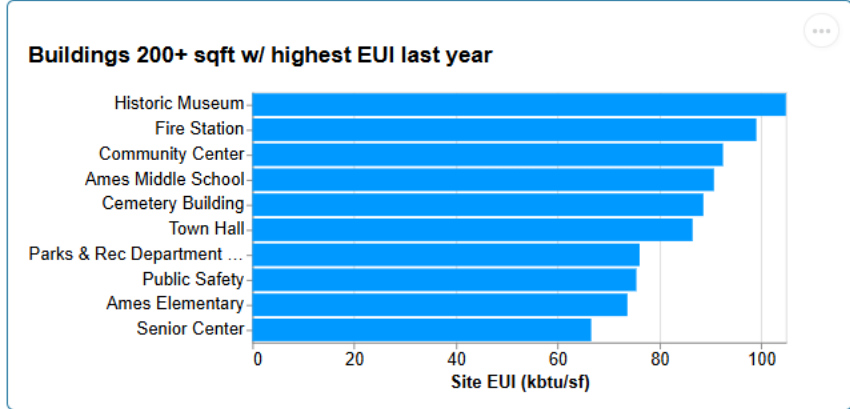
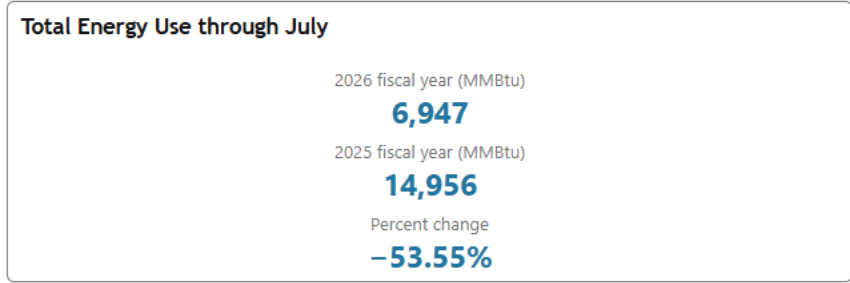
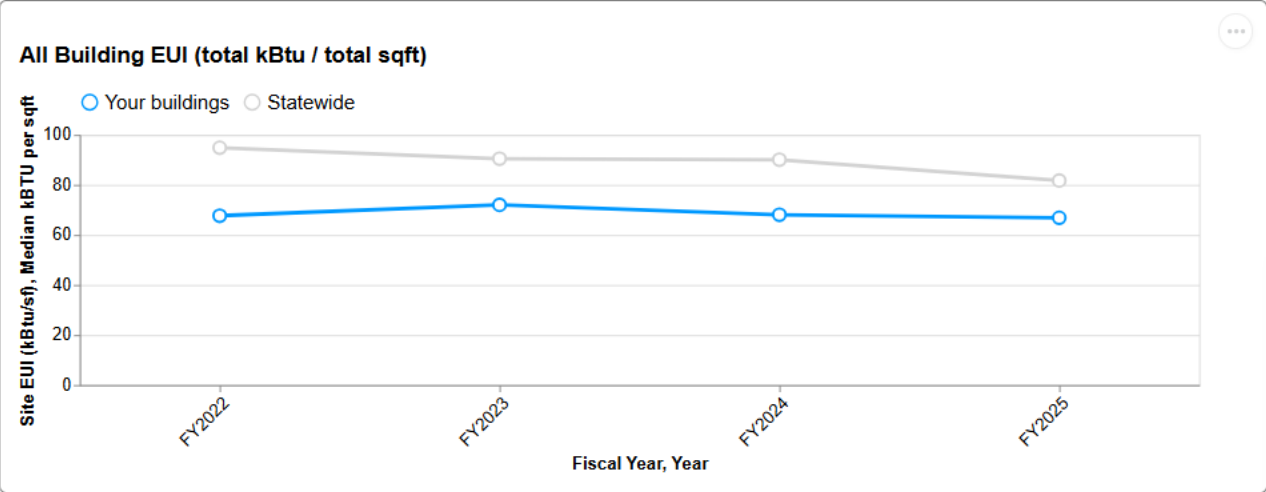
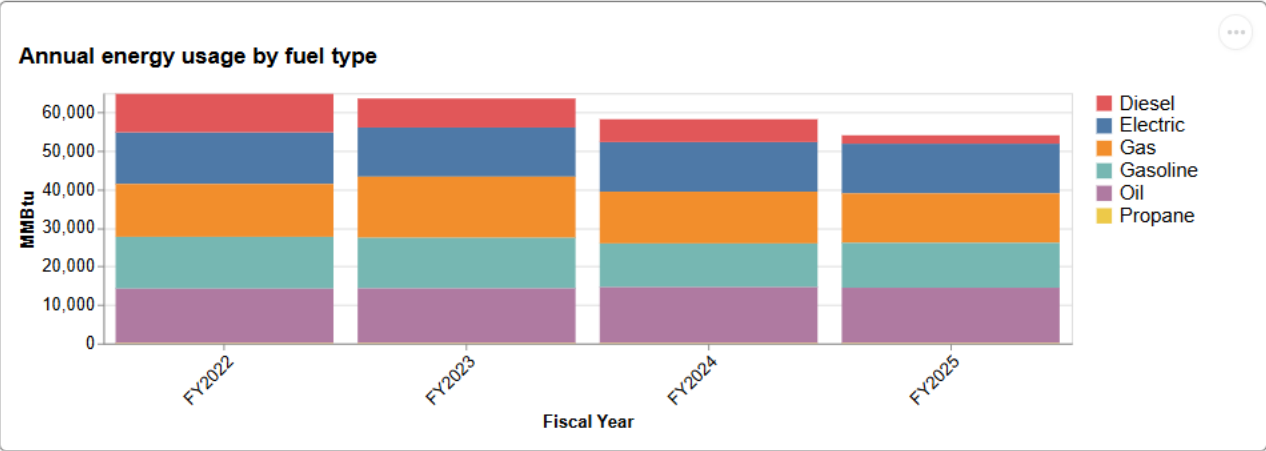
- **Benchmark:** track energy use by town, department or
- **Identify:** least efficient buildings for efficiency action
- **Measure and verify:** energy use trends by building over time

Helping Massachusetts Municipalities Create A Cleaner Energy Future

Ames Energy Overview

Overview Buildings to Target Facility Dashboard Organization View Table Category View Table Data Loaded Table Legacy Reports Other Reports

Overview



Data last updated September 14, 2025 at 11:04

Report settings

Year type

Fiscal year

Filter data

Fuel Type

- ☒ Diesel
- ☒ Electric
- ☒ Gas
- ☒ Gasoline
- ☒ Oil
- ☒ Propane

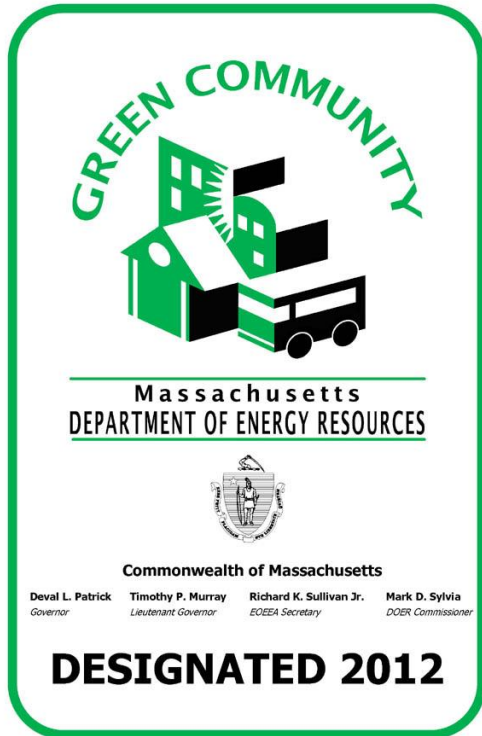
Year (Show all)

- ☐ FY2018
- ☐ FY2019
- ☐ FY2020
- ☐ FY2021
- ☒ FY2022
- ☒ FY2023
- ☒ FY2024
- ☒ FY2025
- ☐ FY2026

Baseline

- ☒ In Baseline

Criterion 4 – Fuel-Efficient Vehicles



Qualification Criteria

1. As-of-Right Siting for RE/AE
2. Expedited Permitting
3. Energy Reduction Plan
- 4. Fuel-Efficient Vehicles**
5. Minimize Life Cycle Costs of new construction

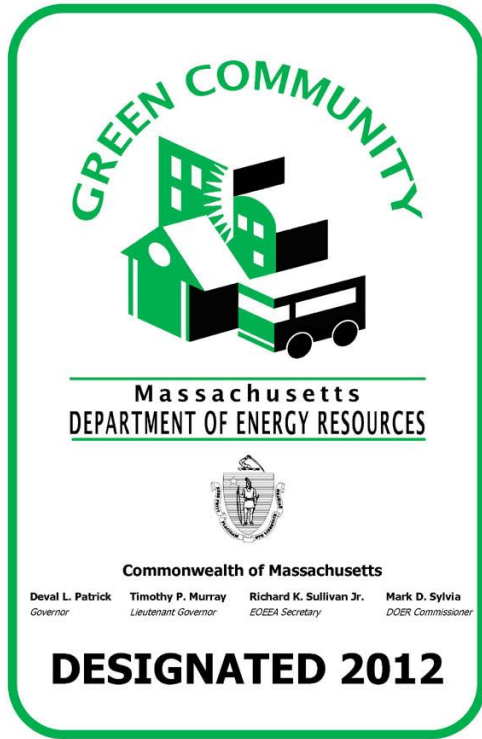
Green Communities Act, M.G.L. Ch. 25A §10

Criterion 4

Fuel-Efficient Vehicle Policy

1. Purchase only fuel-efficient vehicles for municipal use whenever such vehicles are commercially available and practicable
2. Police cruisers are exempt until commercially available
3. Heavy-duty vehicles > 8,500 pounds are exempt

Criterion 5 - Stretch Energy Code



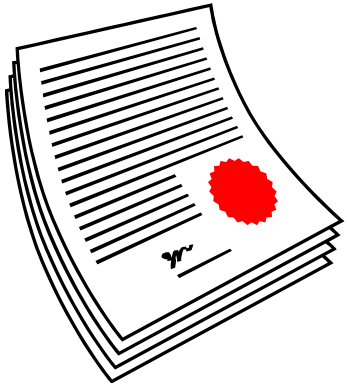
Qualification Criteria

1. As-of-Right Siting for RE/AE
2. Expedited Permitting
3. Energy Reduction Plan
4. Fuel-Efficient Vehicles
- 5. Minimize Life Cycle Costs of new construction**

Green Communities Act, M.G.L. Ch. 25A §10

Criterion 5 - Minimize Life Cycle Costs

Documentation for Criterion #5



Stretch Energy Code

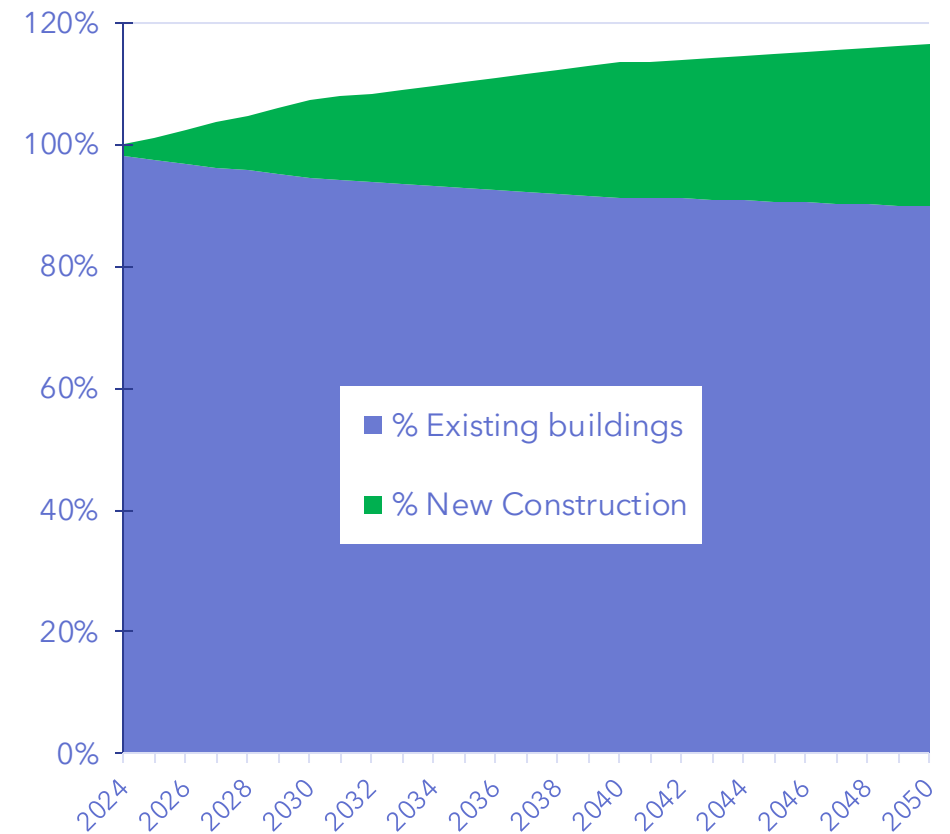
- Documentation of the city council or town meeting vote adopting 225 CMR 22.00 and 23.00

Building Energy Code's role in reducing emissions

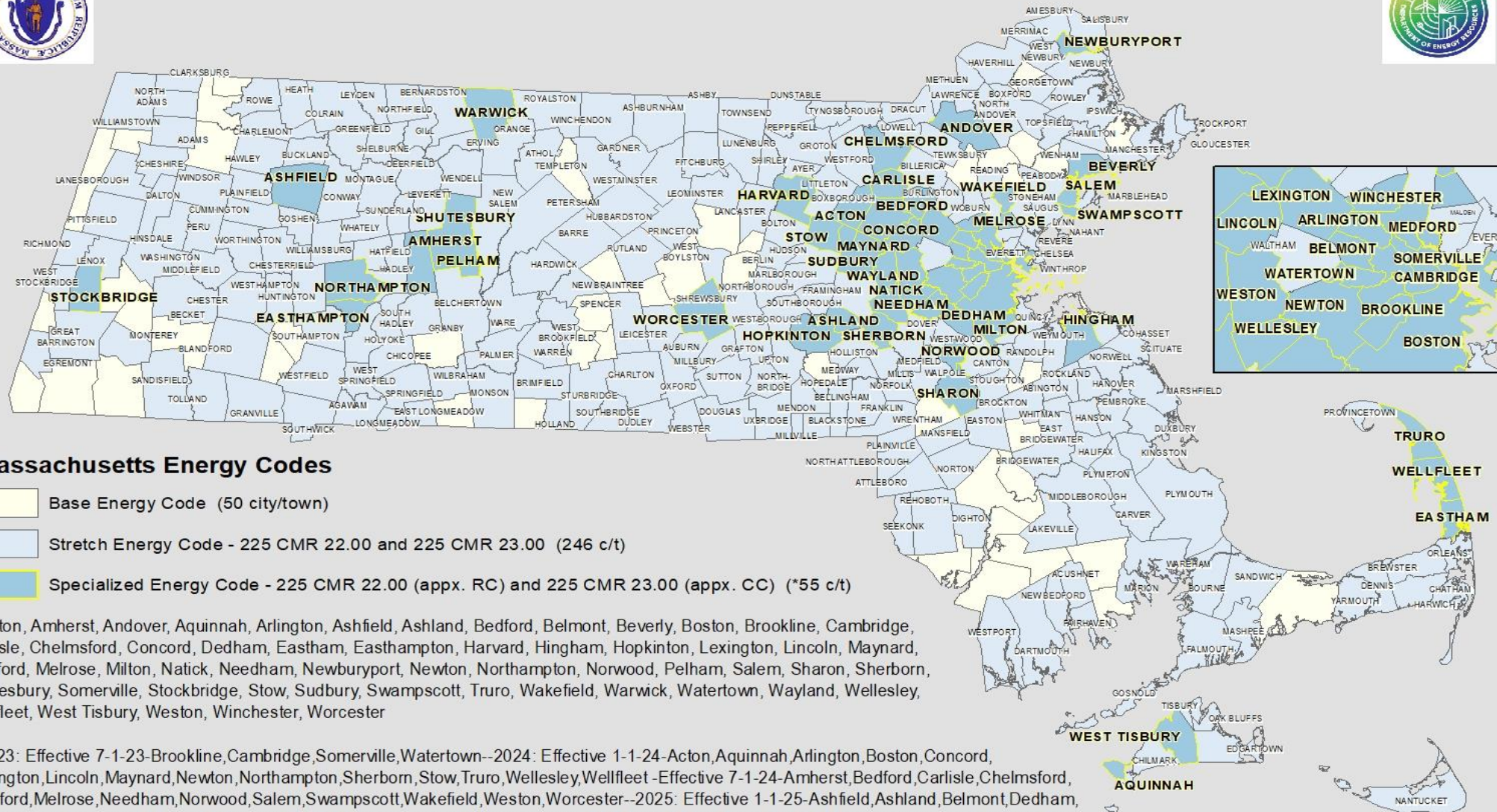
- Building code is the primary policy impacting new buildings.
- New buildings (built after 2023) ~27% of all building space by 2050
- New buildings are easiest and cheapest to make 2050-compliant
- New construction market helps drive cost reductions in building retrofits

2030: Massachusetts legal limit is at least 50% reduction in GHG from 1990

**New Construction % of MA total
2024-2050**



Massachusetts Building Energy Code Adoption by Municipality



Funding for Clean Energy Projects

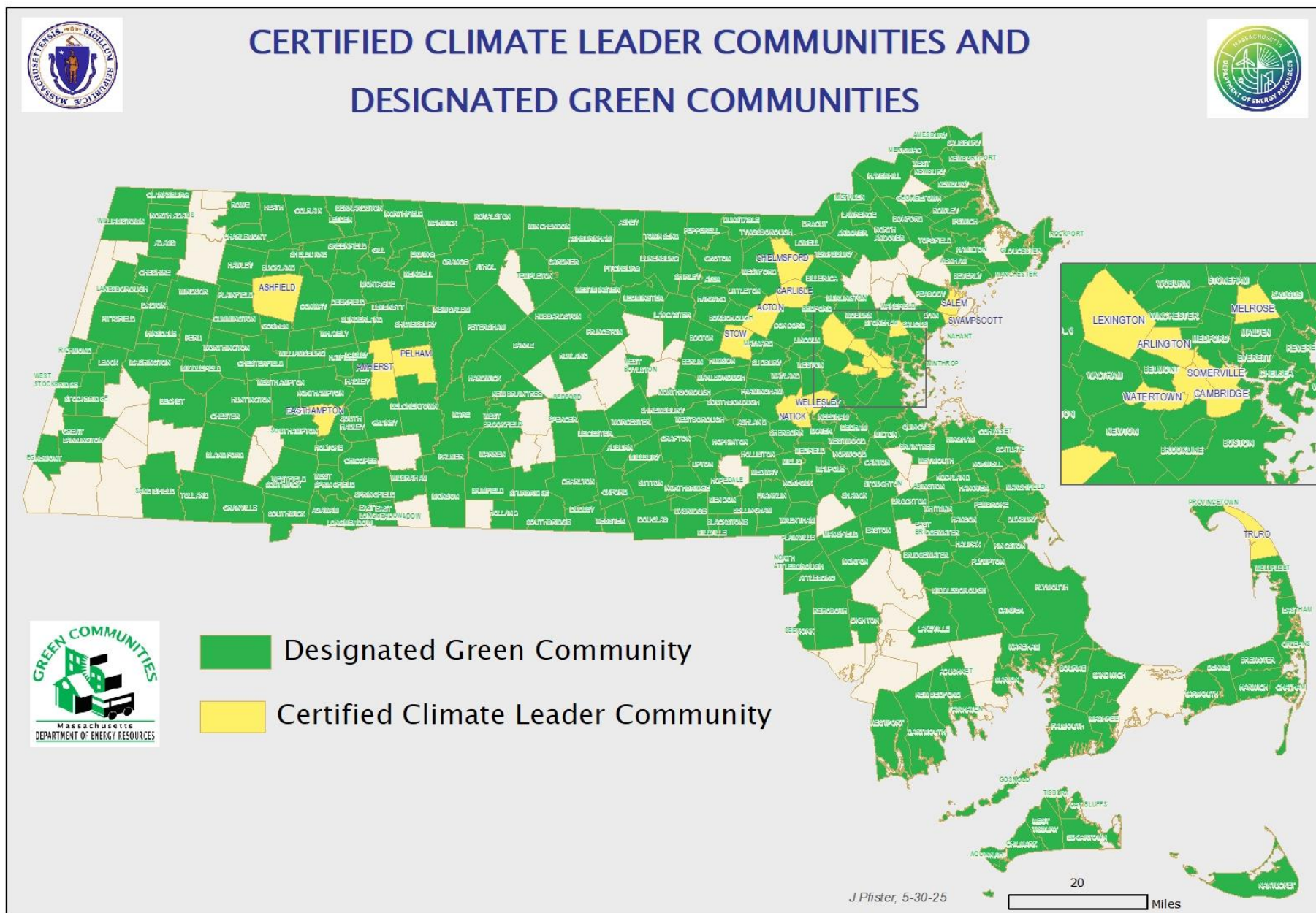


GREEN COMMUNITY DESIGNATIONS REACH 297

MA Green Communities	Designation Date / Award Date	Designation / Competitive Grant Award	Grant Project Summary	100% Done	Population
Acushnet	Dec-13	\$154,225	to fund energy conservation measures in school and several municipal buildings	X	10,585
	Jul-15	\$206,014	to fund energy conservation, HVAC, lighting and controls, misers, weatherization, DCV, in municipal facilities including Town Hall, Parting Ways, Emergency Medical Services, Ford Middle and Elementary Schools, Council on Aging, and DPW garages	X	
	Jul-17	\$131,003	to fund energy conservation measures, weatherization, lighting, HVAC fuel conversion, and LED streetlights, in municipal facilities including Town Hall, EMA Building, Fire Station #1 & #2, and Golf Course Maintenance Building	X	
	Jul-18	\$132,287	to fund energy measures, insulation, lighting, and streetlights, in Parting Ways, Police Station, and Council on Aging	X	
	Aug-19	\$171,494	to fund energy conservation, LED lighting / controls, in municipal facilities including Elementary and Ford Middle Schools	X	
	Aug-20	\$153,358	to fund energy conservation, LED lighting / controls, in municipal facilities including Elementary and Ford Middle Schools	X	
	Jul-22	\$74,850	to fund energy conservation measures, pipe insulation, weather-stripping, air sealing, LED lighting, and administrative assistance, in municipal facilities including Highway, Ford Middle School, and town vehicle fleet	X	
	Mar-25	\$500,000	to fund energy conservation measures, VRF heat pumps - decarbonization project, in municipal facility, Elementary School		
Adams	Dec-15	\$166,865	to fund an HVAC Engineering Study for Memorial School/Community Center, ASHRAE Level II energy audits for Town Hall, Police Station, and Library, and LED streetlight and exterior lighting conversion for downtown and other areas	X	8,047
	Aug-19	\$15,000	to fund energy conservation measures, weatherization, in municipal facilities including Town Hall	X	
	Jan-22	\$140,486	to fund energy conservation measures, LED lighting, weatherization and administrative assistance, in municipal facilities including Dept of Public Works, Wastewater Treatment Plant, and Town Hall	X	
Agawam	Feb-17	\$207,970	to fund energy conservation measures, LED lighting, HVAC upgrades, refrigeration, energy management system, and variable frequency drives, in municipal facilities including James Clark School and Roberta Doering Middle Schools	X	28,393
	Aug-19	\$201,133	to fund energy conservation measures, EMS and air handling unit controls, and lighting, in municipal facilities including Granger Elementary School, Library, and DPW	X	
	Aug-20	\$177,396	to fund energy conservation measures, LED lighting, EC motors, evaporator fan controls, cooler miser, and VFDs, in municipal facilities including High and Junior High Schools	X	
Amesbury	Dec-13	\$173,775	to fund a HVAC assessment at the Middle School, purchase of two BigBelly compactors, purchase of an electric vehicle and charging station at the Water Department, services, and the following energy conservation measures: an LED retrofit of period streetlights in the downtown; and exterior lighting upgrades at the Cashman, Middle, and High Schools.	X	17,179
	Jul-15	\$225,865	to fund the following energy conservation measures at the Amesbury Middle School: installation of a new energy management system, destratification fans in the gym, and vending misers, and repair of heating system steam traps	X	
	Jul-17	\$250,000	to fund energy conservation measures in municipal facilities including Amesbury High School, Middle School, and Cashman Elementary School. The energy conservation measures funded by this grant are: weatherization, HVAC controls upgrades, transformer upgrades, and installation of variable frequency drive pumps	X	
	Jul-18	\$250,000	to fund energy conservation measures, LED streetlight conversion, in municipal facilities including streetlights	X	
	Aug-20	\$84,131	to fund energy conservation measures, fan motor VFDs, demand control ventilation, and DDC upgrade on rooftop air handlers, in municipal facilities including Middle, High, and Cashman Schools	X	
	Sep-23	\$135,577	to fund energy conservation measures, LED lighting, weatherization and insulation, and administrative assistance, in municipal facilities including Middle and High Schools	X	
Amherst	Jul-12	\$302,000	to fund the conversion of the town's streetlights from high pressure sodium to LED technology.	X	40,059
	Jul-14	\$102,541	to fund energy conservation measures in Town Hall and the North Fire Station	X	
	Jul-16	\$175,971	to fund energy conservation measures, electric vehicle purchase and EV charging station, AHU controls and elevator vents, boiler replacement, propane furnace, LED lighting and controls, in municipal facilities including Town Hall, Police Station, Conservation Field Office, Cherry Hill Golf buildings and town vehicle fleet	X	
	Aug-20	\$125,449	to fund energy conservation measures, LED lighting and idle reduction technology for vehicles, in municipal facilities including Munson Library, Police, Town Hall, and town vehicle infrastructure	X	

Green Communities Progress

- **298 of 351** Cities/Towns are Green Communities
- **19** Climate Leader Communities
- **91%** of the population lives in a Green Community
- **\$198M+** grants awarded since 2010
- **\$47M+** Leveraged in MassSave Incentives
- **\$29M+** Annual Energy Cost Savings
- **63K+** tons GHG reduced
- **65** Cities/Towns met **20% energy reduction goal**





Being a Green Community

Stuff to know

Annual Reports

Working with your Regional Coordinator

Competitive Grants

Climate Leader Communities

Sign-up to Receive E-Blas

Green Communities Updates | Mass.gov

Green Communities Updates

To sign up to receive Green Communities emails – newsletters and occasional updates – please fill in the following fields and hit submit.

To sign up to receive our email updates and newsletters about clean energy activities throughout Massachusetts, fill in the following fields and hit submit. Thanks, and welcome!

Name (Required)

First

Last

Email (Required)

City or town (Required)

Organization name

Preferred format (Required)

Specific interests (Required)

- ☐ Building Energy Reporting
- ☐ Clean Energy Transmission Working Group
- ☐ Clean Cities Stakeholders
- ☐ Clean Peak Energy Standard
- ☐ DOER Appliance Standards
- ☐ DOER Interest
- ☐ Energy Storage
- ☐ GMAC
- ☒ Green Communities
- ☐ Inflation Reduction Act Home Energy and Electrification Program
- ☐ Interagency Rates Working Group
- ☐ RCS Stakeholders
- ☐ Renewable Thermal
- ☐ RET Stakeholders
- ☐ RPS Stakeholder Contact List
- ☐ SMART Program
- ☐ Solar For All
- ☐ Solar PV Contact list include SREC contacts
- ☐ Stretch Code

SUBMIT

MassEnergyInsight

- Get authorization
- View “Getting Started” video

Getting Started



 **Getting Started Video** - updates have been made to MEI since this video was created, but it still provides helpful introductory information (15:48)

✓ Complete

Annual Report - FY2025 - Ames

Locked for review. [Annual Report Summary](#) submitted by Kira Moodliar at 8/8/2025 1:52:09PM

Instructions

How to use this web form

This process replaces the Excel workbook that was used in previous years. Most data will be captured from MEI and, if complete, will only require confirmation that it is correct. Energy accounts should be complete. For other tables that have not been updated throughout the year, this process can be done as you move through the report.

You may proceed to the next section by selecting **Save And Continue**, but are also able to navigate using the tabs at the left if a section needs to be re-visited.

A green ✓ indicates that a section is complete, a red ⚠ indicates that more input is needed.

Proceed to the next step

Continue

- ✓ Site Review
- ✓ Regulations
- ✓ Permitting
- ✓ Building Stock
- ✓ Regional School
- ✓ ECMS
- ✓ Renewable Energy
- ✓ Energy Summary
- ✓ Energy Narrative
- ✓ Vehicle Stock
- ✓ Vehicle Transfers
- ✓ Stretch Code
- ✓ Other Notes
- 🔒 Submit Report

MassEnergyInsight

POWERING EFFICIENCY

Organize Data

Upload Spreadsheet

View Reports

Annual Reports

AR Reviews

Climate Leaders

Complete

Instructions

Site Review

Regulations

Permitting

Building Stock

Regional School

ECMs

Renewable Energy

Energy Summary

Energy Narrative

Vehicle Stock

Vehicle Transfers

Stretch Code

Other Notes

Submit Report

Annual Report - FY2025 - Ames

Locked for review. Annual Report Summary submitted by Kira Moodliar at 8/8/2025 1:52:09PM

AR Review Progress and Discussion

Status: Needs Review

Update

No discussion yet

Add Comment

CRITERION 3: Energy Summary (MMBtus)

Non-Weather Normalized

Category	Baseline (FY2021)	FY2023	FY2024	FY2025
Building	36,857	38,031	35,945	35,291
Street/Traffic Lights	1,708	738	749	806
Vehicle	18,535	20,681	17,288	13,830
Water/Sewer	3,901	4,195	4,274	4,156
Adjustments				
Building Stock Changes	0	0	0	0
Regional School Districts				
Totals	61,001	63,645	58,257	54,084
% Diff from Baseline		4.3%	-4.5%	-11.3%

Weather Normalized

Category	Baseline (FY2021)	FY2023	FY2024	FY2025
Building	38,961	40,107	37,050	35,287
Street/Traffic Lights	1,708	738	749	806
Vehicle	18,535	20,681	17,288	13,830
Water/Sewer	3,901	4,195	4,274	4,156

Annual Report Deadline: November 7

MEI Office Hours for Annual Reports:

- Thursday, September 18 at 10am
- Tuesday, October 7 at 11am
- Friday, October 31 at 10am
- Wednesday, November 5 at 10am

Green Communities Regional Coordinators

Regional Coordinators act as direct liaisons with cities and towns

**Western:
Chris Mason**

Christopher.Mason2@mass.gov

857-753-2159 - cell



**Central:
Kelly Brown**
Kelly.Brown@mass.gov
617-780-8144 - cell

**Northeast:
Dillan Patel**
Dillan.Patel@mass.gov
857-283-1264 - cell

**Southeast:
Lisa Sullivan**
Lisa.M.Sullivan@mass.gov
617-312-4018 - cell

Regional Coordinators Can Help With:



MassEnergyInsight
Authorizations



Set up
Stretch/Specialized
Code Public Info
Sessions



Organize grant kick-
off meetings with
utility reps and
vendors



Direct other clean
energy-related
questions to DOER
staff



Explain Green
Communities and
Climate Leader
requirements



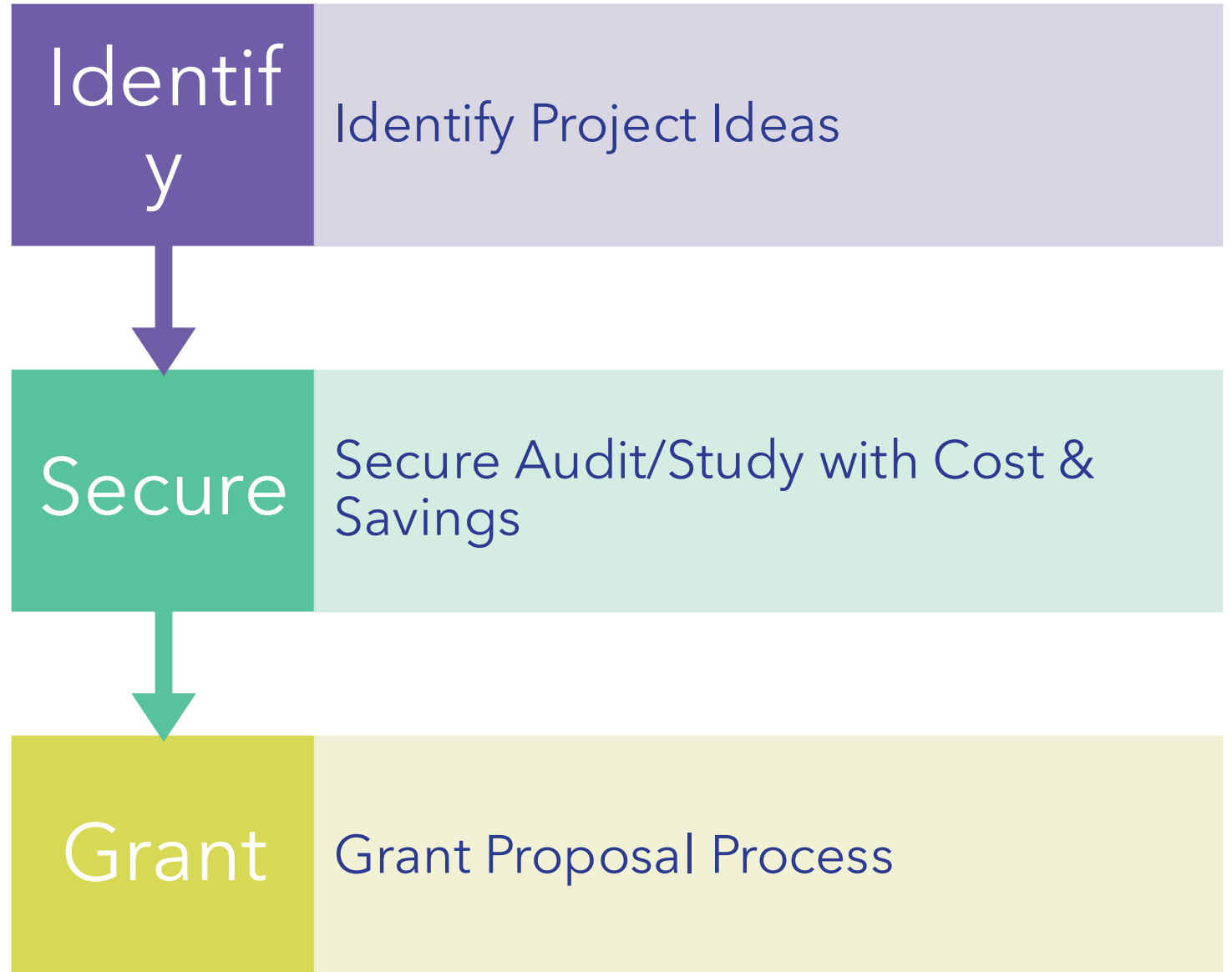
Share other clean
energy opportunities

Green Communities Competitive Grants

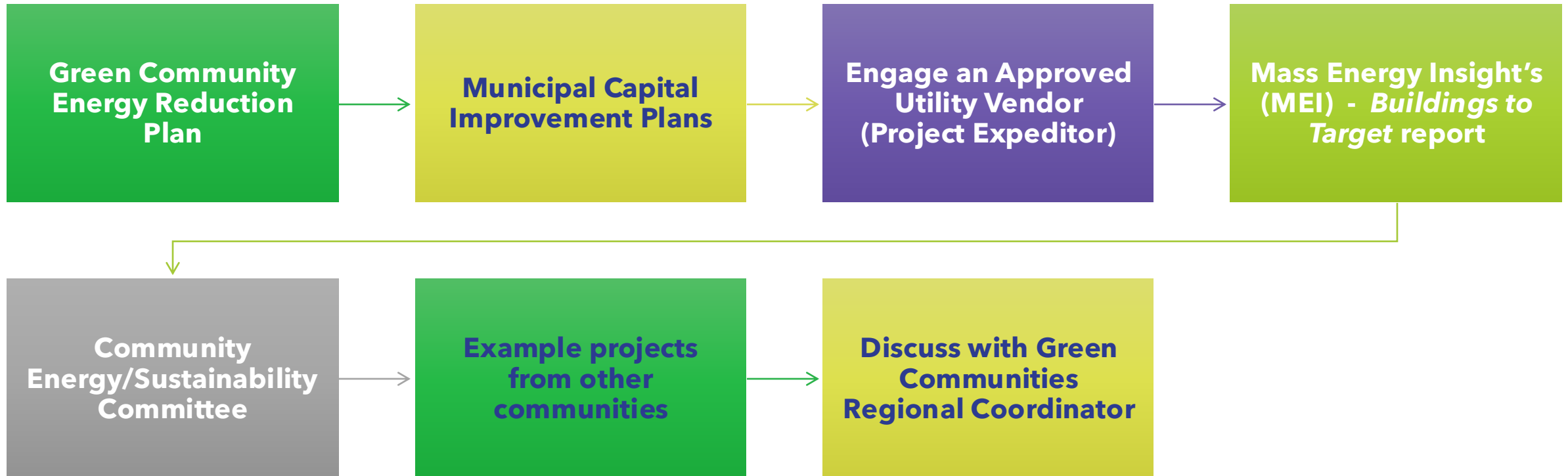
Available to Eligible Green Communities

- **Grant Awards** up to \$250k
- **Limits** for communities who have received over 1 million dollars in competitive awards
- **Decarbonization projects** = support for larger, more complicated projects (\$500k max) Community Contribution required
- **Prescriptive projects** = streamlined application requirements and evaluation including EV vehicle bridge funding & level 2 charging stations for example.
- **Traditional Energy Efficiency Projects** = building envelope improvements, controls, retro-commissioning, Heat Pumps
- DOER **no longer supports** new fossil fuel-fired heating

Applying for a Competitive Grant



Identify Project Ideas

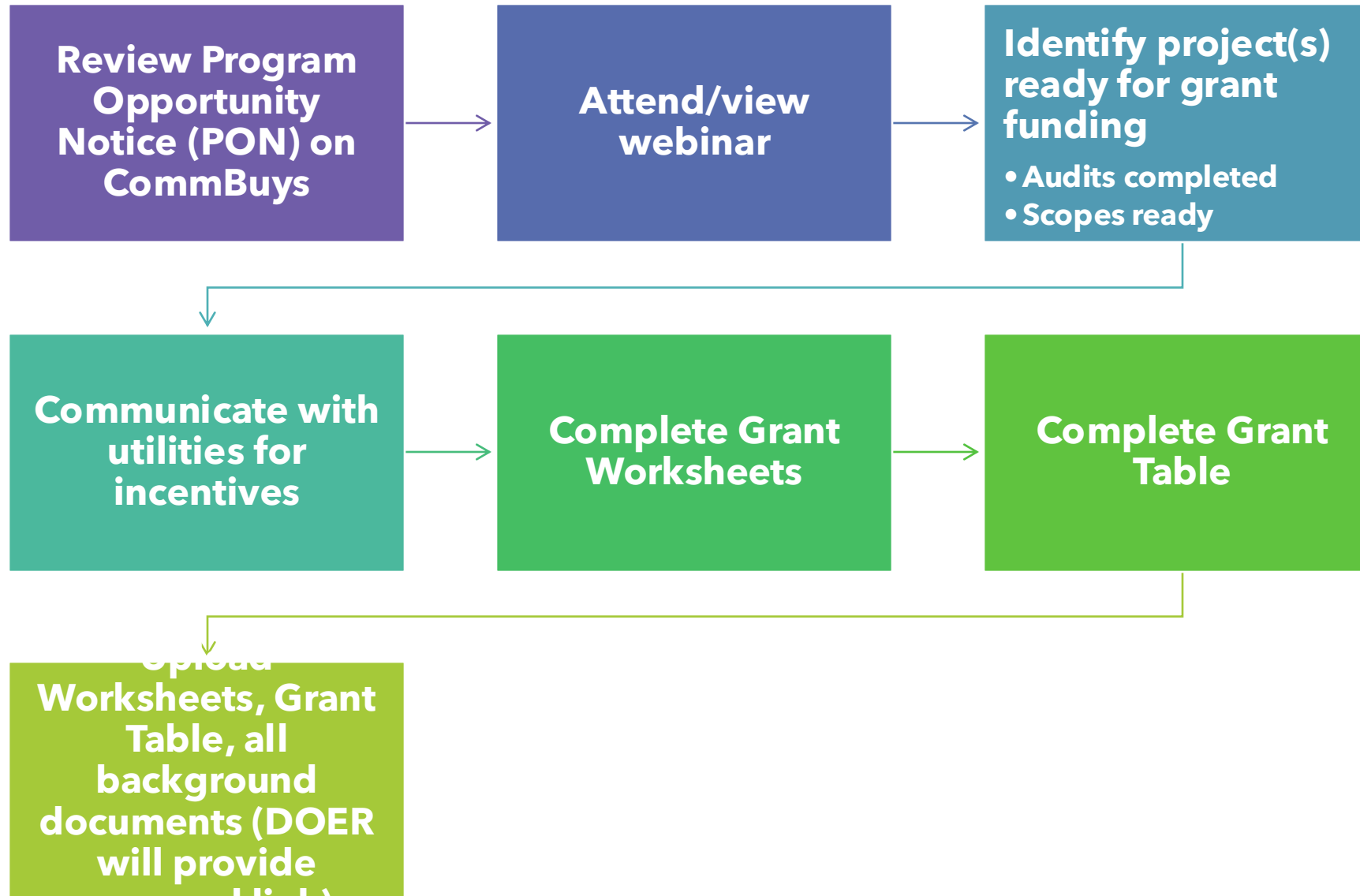


Secure Study with Cost & Savings

- ✓ Engage an Approved Utility Vendor [M.G.L. 25A, Sec 14]
 - Project Expeditor (N'Grid)
 - Municipal Vendor (Eversource)
- ✓ State contract PRF 74: Energy, Climate Action, and Facility Advisory Services
- ✓ M.G.L. c. 30B – Procurement of Supplies and Services



Grant Proposal Process



Climate Leader Communities-Green Communities 2.0



Builds on success for Green Communities program



Aligns resources for municipalities with EEA energy and climate goals



Enhances engagement and forward progress with municipalities



Encourages adoption of climate/clean energy policies and programs



Expands opportunities for community engagement

Program Evolution: From Green Community to Climate Leader

Green Communities Criteria

Adopt as-of-right siting for RE/AE generation, R&D, or manufacturing

Adopt expedited permitting process

Create an Energy Reduction Plan to reduce energy use by 20% in 5 years

Purchase only fuel-efficient vehicles

Minimize life cycle cost in new construction – a.k.a adopt the Stretch Code



Climate Leaders Criteria

Establish/maintain local committee to advise, coordinate, and/or lead clean energy and climate activities

Municipal decarbonization commitment

Create Municipal Decarbonization Roadmap with 2030 & 2050 goals

ZEV-First vehicle policy

Specialized Stretch Code Adoption

Climate Leaders Accelerator Grants Up To \$1 Million

Available to Certified Climate Leader Communities



Municipal building
electrification/decarbonization



Support for on-site solar PV + storage



Support for geothermal for existing
buildings and new construction

Pre-construction

- Feasibility studies
- Pre-electrification work
- Test wells
- Procurement documents

Equipment and installation

- Buy down the cost of direct ownership or PPA

Quick Win

- Solar on newly constructed all-electric schools

2025-2026 Calendar *(subject to change)*

Opportunity	2025	2026
Green Communities Competitive Grant	Oct. 22	April 10
Regional School District Decarbonization Grant	Sept 5	March 6
Municipal Decarbonization Roadmap Assistance	Nov. 28	March 27
Green Communities Summit	Nov. 18	Fall - TBD
Climate Leader Communities Technical Support	Nov. 28	May 29
Designation Deadlines (Green Communities & Climate Leader Communities)	Dec. 31	June 30
Climate Leader Communities Decarbonization Accelerator	Aug.1	Feb. 6
Annual Reports Due	Nov. 7	N/A

Green Communities Contacts

Regional Coordinators act as direct liaisons with cities and towns on energy activities

Northeastern MA:
Dillan Patel

Dillan.Patel@mass.gov
857-283-1264 - cell



Western MA:
Chris Mason

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857-753-2159 - cell



Central MA:
Kelly Brown

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617-780-8144 - cell



Southeastern MA:
Lisa Sullivan

Lisa.M.Sullivan@mass.gov
617-312-4018 - cell



[Sign up](#) to receive our E-Blasts

Joanne Bissetta, Director - Joanne.Bissetta@mass.gov

Mark Rabinsky, Deputy Director -
Mark.Rabinsky@mass.gov



MASSACHUSETTS
**DEPARTMENT OF
ENERGY RESOURCES**

Thank You!

ENJOY LUNCH

Returning at 1:00pm



Fireside Chat with Energy Managers



Vicky Masone
*Energy Manager,
Hamilton, Wenham, &
Regional School
District*



**Katherine
Moses**
*Sustainability
Director, Lowell*



Shawn Luz
*Sustainability
Coordinator,
Framingham*



Susan McPhee
*Energy Manager,
Winchester, Woburn,
Stoneham, Waltham,
Malden, Medfield*



**Moderator:
Dillan Patel**
*Regional Coordinator,
Department of Energy
Resources*

BREAK

Returning at 2pm



Goal Setting Activity: Breakout Groups



Goal Setting - Report Out

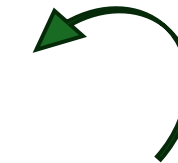


Wrap Up



Upcoming Training & Events

September 2025	October 2025	November 2025
	<u>Energy Managers Reporting</u> Monday, 10/6 (1-2pm).	
<u>Orientation & Goal Setting</u> Wednesday, 9/17 (10-3pm)	<u>Working in Municipal Government 101</u> Date TBD	<u>Grant Writing & Project Pipeline</u> Monday, 11/3 (11-12:30pm).
	<u>Optional Office Hour</u> Wednesday, 10/22 (1-2pm)	<u>Grant Writing Debrief</u> Date TBD
<u>Optional Office Hour</u> Wednesday, 9/24 (1-2pm)	<u>Peer Learning Network</u> Date TBD	
	<u>National Grid Summit</u> Thursday, 10/23	<u>Optional Office Hour</u> Wednesday, 11/26 (1-2pm)
<u>DOER Green Communities & MEI Essentials</u> Monday, 9/29 (1-3pm).	<u>Mass Save: Municipal Programs & Incentives</u> Monday, 10/27 (12-1pm).	
	<u>First Quarter Report Due!</u>	<u>Green Communities Summit</u> Tuesday, 11/18 (tentative)
KEY	Blue: Technical Training	Purple: Peer Learning Network Meeting
		Orange: Optional Open Office Hours
		Brown: Other Event or Key Date



Bookmark this calendar!

Please Complete the Evaluation Form:



Scan the QR code, or go to: mapc.ma/evaluation

THANK YOU!

***Join us at The Rail Trail Flatbread Co. for
informal happy hour!***

33 Main St, Hudson, MA 01749

