



Energy Efficiency Conservation Block Grant (EECBG) Introductory Webinar

March 16th, 2023

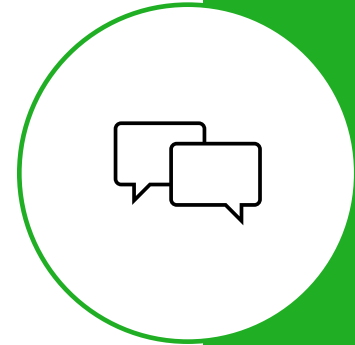
Notification of Recording

This meeting will be recorded and the Metropolitan Area Planning Council (MAPC) may choose to retain and distribute the video, still images, audio, and/or the chat transcript. By continuing with this virtual meeting, you are consenting to participated in a recorded event. The recordings and chat transcript will be considered a public record. If you do not feel comfortable being recorded, please turn off your camera and/or mute your microphone, or leave the meeting.



Zoom Housekeeping

- Please keep yourself on mute when not talking
- Use the chat feature to ask questions; Q&A will be held after the presentations
- Rename yourself in Zoom: Name and Organization/Community



Introductory Polls

Agenda

- 11:00-11:05am: Introductions and Housekeeping
- 11:05-11:15am: Overview of the EECBG Grant Program for Larger Communities
- 11:15-11:25am: DOER Update on EECBG for Smaller Communities
- 11:25-11:35am: Moderated Q&A from the Chat
- 11:35am-12:00pm: Topical Breakout Room Discussions

What is the EECBG Program?

- Provides formula funding to eligible state, local, and Tribal governments
- Funding can be used for municipal or community-wide projects and launching programs that:
 - Cut carbon emissions
 - Improve energy efficiency
 - Reduce energy use
- Teaming with other municipalities is encouraged, as well as a strong equity focus
- No cost-match is required, but leveraging funding is encouraged; formula funding amounts [can be found here](#)
- Funding can be used over a two-year period

Eligibility for Funding

Formula Grants

Local Governments:

- Cities >35,000 people OR in the top 10 highest populated cities in the state
- Counties >200,000 people or in the top 10 highest populated counties in the state

Tribes:

- Indian Tribes, per section 4 of the Indian Self-Determination and Education Assistance Act

States & Territories:

- 50 States, DC, Puerto Rico, American Samoa, Guam, U.S Virgin Islands, and Northern Marian Islands

\$431.2 million total

Competitive Grants

Local Governments:

- Cities NOT eligible for formula grants
- Counties NOT eligible for formula grants

Tribes:

- State-recognized Indian tribes

States & Territories: Not eligible

+Teams of the local and Tribal governments

\$8.8 million total

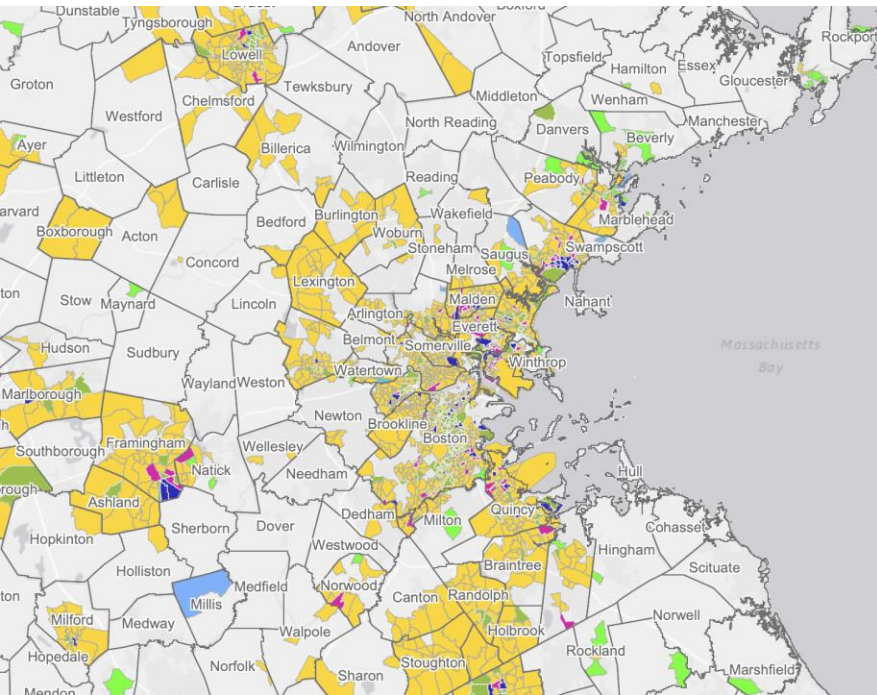
**Image adapted from the Department of Energy's EECBG Webinar Slides from January 26, 2023*

Eligible Activities

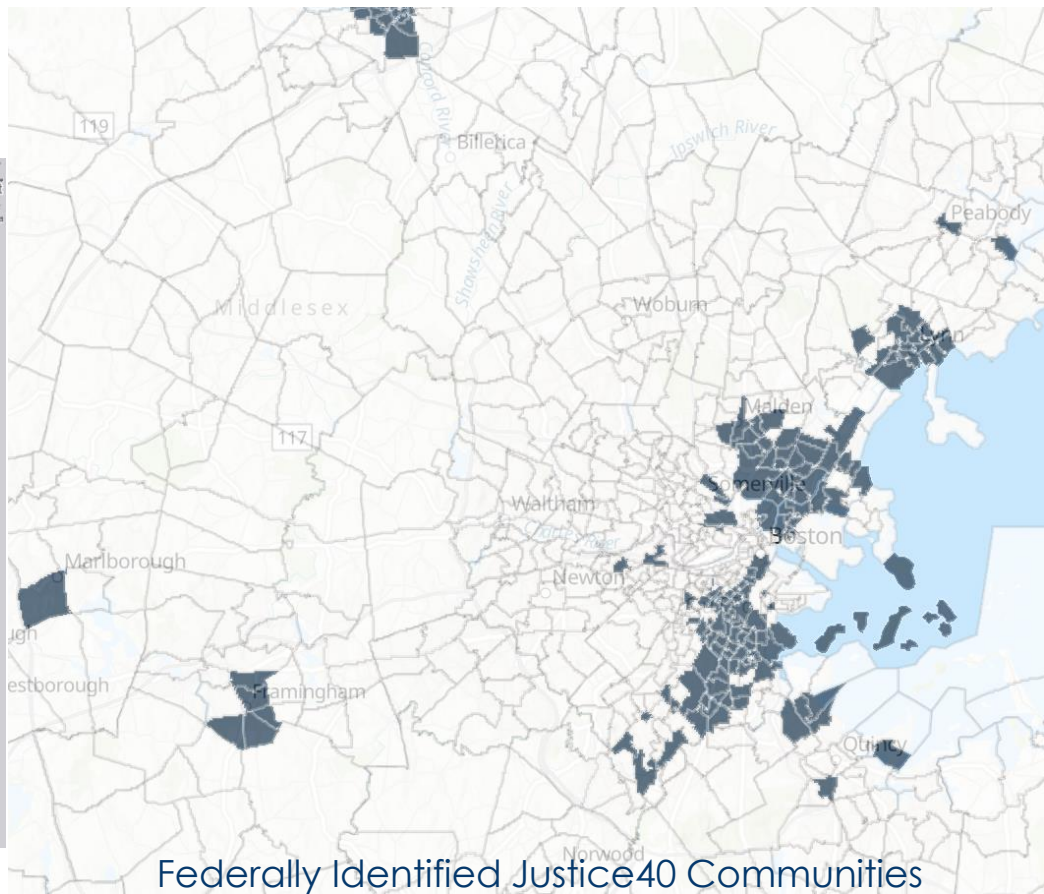
- Strategy Development
- Technical Consultant Services
- Building Energy Audits
- Financial Incentive Programs
- Energy Efficiency (EE) Retrofits
- EE and Conservation Programs for Buildings and Facilities
- Development and Implementation of Transportation Programs
- Building Codes and Inspections
- Energy Distribution Technology for EE
- Reduction and Capture of Methane and GHGs
- Traffic Signals and Street Lighting
- Renewable Energy (RE) Technologies on Gov't Buildings
- Programs for Financing, Purchasing, and Installing EE, RE, and Zero-Emission Transportation Measures

Teaming is encouraged for vouchers and grants!

Justice40 Emphasis



Massachusetts designated EJ Communities



Federally Identified Justice40 Communities

Policy/Program Priorities that Align with Justice40

- Benefits include (but are not limited to) measurable direct or indirect investments or positive project outcomes that contribute to the following in Disadvantaged Communities:
 - Decrease in energy burden;
 - Decrease in environmental exposure and burdens;
 - Increase in access to low-cost capital;
 - An increase in job creation, the clean energy job pipeline, and job training for individuals;
 - Increases in clean energy enterprise creation and contracting (e.g., minority-owned or disadvantaged business enterprises);
 - Increases in energy democracy, including community ownership;
 - Increased parity in clean energy technology access and adoption;
 - Increase in energy resilience.

Grant vs. Voucher Route

- **Grant**

- Submit a Formula Application and receive funds as a grant to be utilized for an eligible activity of the local government's choice.
- Grants that follow one of DOE's Blueprint Topic Areas will have expedited review and more DOE technical assistance.

-OR-

- **Voucher**

- Covers a suite of TA services and/or equipment purchase and installation rebates
- More voucher guidance is forthcoming from DOE
 - **Recommended for smaller communities (population under 250,000) or those with more limited resources*

Timeline and Application Steps

- **By April 28th:** [Submit the Pre-Award Information Sheet](#)
- Submit an application during one of four application periods
- If applying for a grant, plan for at least one month lead-time to complete the pre-application steps. More information on these steps if available on the [EECBG program page](#).
- When applying or within one year, **every community will need to develop and submit an Energy Efficiency and Conservation Strategy (EECS)**/ a template is available

Application Period	Application Submittal Timeframe	Application Types Accepted
1	Jan. 18, 2023 – Apr. 28, 2023	State, local, & tribal applications in one or more priority categories
2	Jun. 1, 2023 – July 31, 2023	
3	Sept 1, 2023 – Oct 31, 2023	Local and Tribal Applications <i>only</i>
4	Dec. 1, 2023 – Jan 31, 2024	

**Chart is from the Department of Energy's EECBG Webinar Slides from January 26. 2023*

Upcoming Federal EECBG Webinars

- **Grant Application Webinar: Thursday, March 23 at 2pm ET.** Learn in detail about how to apply for an EECBG Program grant. Attend [here](#).
- **Voucher Program Webinar: Thursday, April 13 at 3pm ET.** Learn more information about the voucher option for the EECBG Program. The webinar will provide insight on eligible uses, limitations, and the application process. Attend [here](#).
- **Technical Assistance Webinar: May 4 at 3pm ET.** Hear from DOE about the range of technical assistance available from DOE to manage EECBG Program awards and enhance their impacts. Attend [here](#).

Department of Energy Resources

EECBG Sub-grant Program

- MA allocation = \$2,494,680 (in 2009 it was \$12,252,000)
 - States have 3 years to expend grants
- State Energy Offices to disburse at least 60% of allocation as sub-grants to municipalities <35,000
- MA Direct grants to >35,000 communities = \$76k - \$690k (Boston)
 - Average = \$114k
- DOER's goal: *maximize* grant \$ by leveraging existing tools and resources AND *minimize* reporting burden
 - Create sub-grant program that meets local needs
 - Targeting awards \$30-\$50k range

Flexible Funding Allows Govts. to Choose From Diverse Activities

- ✓ Eligible activities range from strategy development to clean energy deployment
- ✓ Funds can be used community-wide; not just for government buildings and facilities
- ✓ Governments can fund clean energy *projects* or launch clean energy *programs*

1. Strategy Development
2. Technical Consultant Services
3. Building Energy Audits
4. Financial Incentive Programs
5. Energy Efficiency Retrofits
6. Energy Efficiency and Conservation Programs for Buildings and Facilities
7. Development and Implementation of Transportation Programs
8. Building Codes and Inspections
9. Energy Distribution Tech. for Energy Efficiency
10. Material Conservation Programs
11. Reduction and Capture of Methane and Greenhouse Gases
12. Traffic Signals and Street Lighting
13. Renewable Energy Technologies on Government Buildings
14. Programs for Financing, Purchasing, and Installing Energy Efficiency, Renewable Energy, and Zero-Emission Transportation (and associated infrastructure) Measures



New activity
added by IIJA

Mass Save Deep Energy Retrofit



DER Definition

40% reduction in GHG emissions relative to existing conditions in an individual building

Renewables excluded



Required Upgrades

Includes partial or full **electrification of space heating**

Includes weatherization and/or ventilation upgrades



Installation Expectations

Installations must be complete within a 3-year DER Term

Installations must meet verification requirements

Deep Energy Retrofits



Drastic Decarbonization

- Significant reductions in site energy consumption
- Progress towards customer climate goals



Financial Benefits

- **Technical Assistance**
 - Free Site Assessment and Scoping study
 - Energy Star Portfolio Manager Set Up
 - Detailed Engineering Study, minimum 50% co-pay
- **DER Payment: \$1.00/ft²**
 - Milestone Payment: \$0.40/ft² upon 25% GHG emission

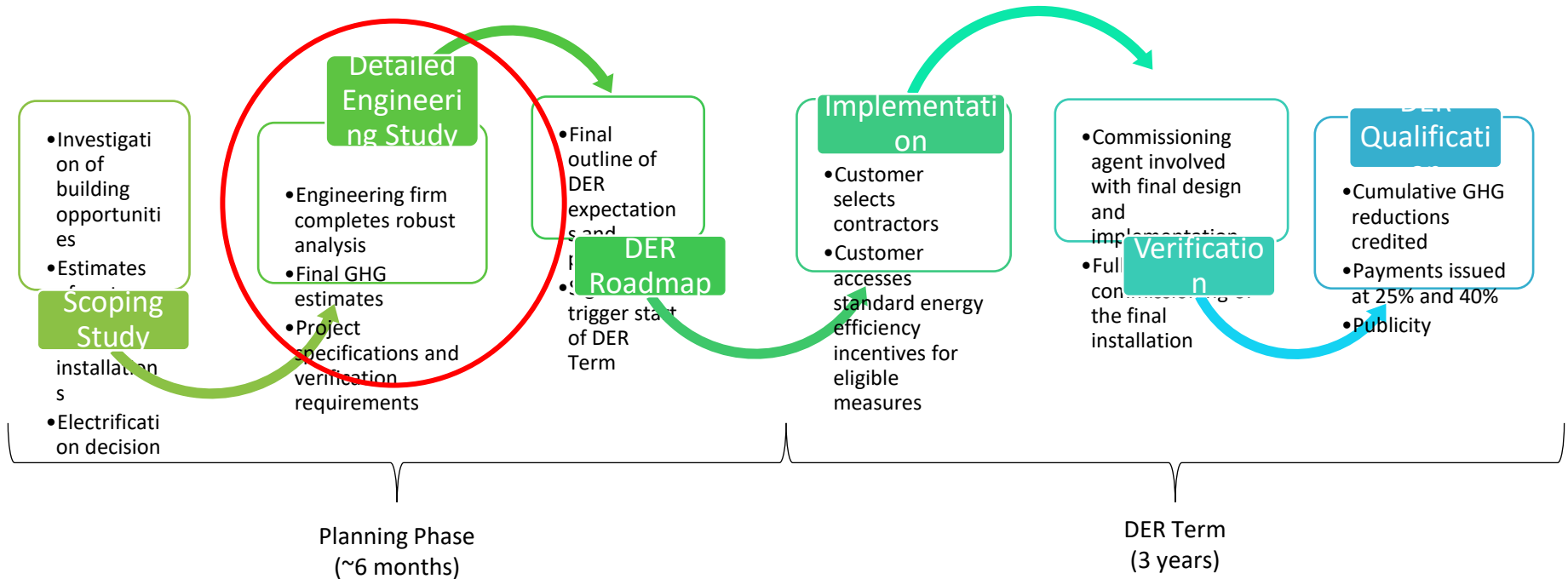


Non-financial Benefits

- **DER Roadmap:** Path to DER achievement
- **Quality Assurance:** More rigorous verification/commissioning ensures savings realization
- **Guidance:** Regular (bi-annual) DER Check Points

Deep Energy Retrofit Process

50% cost share
required

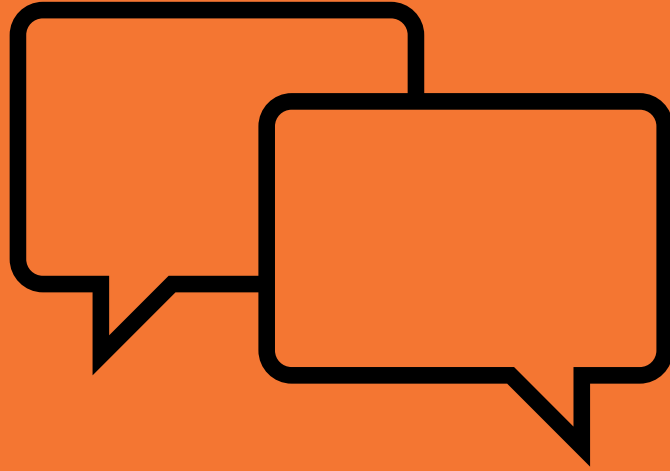


Some ideas for sub-grants...

- Cost-share MassSave Deep Energy Retrofit study
- Barrier mitigation to electrification (upgrade electrical, weatherization, etc) municipal facilities
- Decarbonization roadmap for muni buildings
- Buy down cost of solar PV
- Buy down cost of building electrification
 - Stacked with GC Grants and utility incentives
- Partnering with CBOs and/or NGOs for clean energy community engagement
- Partnering with other towns to hire Regional Energy Manager
- Interested in hearing more in the break out sessions

DOER Timeline

- **April 15:** Issue RFI to solicit input from <35,000 communities
- **April 28:** DOER deadline for submitting pre-award info sheet to DOE
- **July 31:** Full application due to DOE – including an Energy Efficiency and Conservation Strategy that:
 - Establishes a process for providing subgrants to local governments that are not eligible for direct formula grants from DOE (within 180 days of DOE approval of the State's application)
- **@Dec 1:** DOE notifies DOER of grant award
- **@Qtr 1 2024:** DOER issues PON for subgrants
 - These are guestimates – don't hold me to them 😊



Questions and Answers



More Questions?

- For Communities over 35,000 residents:
U.S. Department of Energy:
 - eeecbg@hq.doe.gov
- For Communities under 35,000 residents:
DOER Green Communities:
 - green.communities@mass.gov