

07/24/2024

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# 40101(d) Federal Formula Funding Kickoff Meeting

MASSACHUSETTS CLEAN ENERGY CENTER



# Agenda

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- 1** 40101(d) Program Background
- 2** 40101(d) 2024 Program Timeline
- 3** Application Materials
- 4** Questions

# Massachusetts Clean Energy Center (MassCEC)

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## History:

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- MassCEC was established by Chapter 23J of the General Laws and **began operating in 2009**.
- We are a **quasi-public agency funded via the Massachusetts Renewable Energy Trust Fund**, which was authorized by the Massachusetts Legislature in 1997 as part of the electric utility deregulation process.




## About:

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- MassCEC is a **state economic development agency dedicated to accelerating the growth of the clean energy sector across the Commonwealth** to spur job creation, deliver statewide environmental benefits and to secure long-term economic growth for the people of Massachusetts. MassCEC works to increase the adoption of clean energy while driving down costs and delivering financial, environmental, and economic development benefits to energy users and utility customers across the state.
- MassCEC's **mission is to accelerate the clean energy and climate solution innovation** that is critical to meeting the Commonwealth's climate goals, advancing Massachusetts' position as an international climate leader while growing the state's clean energy economy.
- MassCEC is **committed to incorporating principles of diversity, equity, inclusion, and environmental justice in all aspects of our work** in order to promote the equitable distribution of the health and economic benefits of clean energy and support a diverse and inclusive clean energy industry.
- MassCEC **strives to lead and innovate in equitable clean energy and climate solutions**.

# 40101(d) Program Background

## FEDERAL PROGRAM

- ▶ Section 40101(d) of the Bipartisan Infrastructure Law - “Preventing Outages and Enhancing the Resilience of the Electric Grid”
- ▶ Formula funding opportunity
  - Each state is eligible for annual distributions of funding between FY22-FY26
  - MA is eligible for approximately \$4.5 million annually
  - Funding must be spent within five years of award
- ▶ The funding aims to:
  -  Enhance the resilience of the electric grid
  -  Prevent outages
  -  Mitigate the impact of disruptive events

## MA PROGRAM

- ▶ The Commonwealth has been awarded its FY22 and FY23 formula funding, totaling \$9.2M
- ▶ MassCEC and DOER developed the program to:
  -  Improve energy reliability and resilience
  -  Support decarbonization efforts
  -  Advance environmental justice
  -  Create good-paying, clean energy jobs

# Program Eligibility

## ELIGIBLE SUBAWARDEES

- Electric grid operators;
- Electricity storage operators;
- Electricity generators;
- Transmission owners or operators;
- Distribution providers;
- Fuel suppliers; and
- Any other relevant entity, as determined by the Secretary of DOE



# Program Eligibility

## ELIGIBLE ACTIVITIES

- ▶ Weatherization technologies and equipment;
- ▶ Fire-resistant technologies and fire prevention systems;
- ▶ Monitoring and control technologies;
- ▶ Undergrounding of electrical equipment;
- ▶ Utility pole management;
- ▶ Relocation of power lines or the reconductoring of power lines with low-sag, advanced conductors;
- ▶ Vegetation and fuel-load management;
- ▶ Use or construction of distributed energy resources (DERs) for enhancing system adaptive capacity during disruptive events, including:
  - microgrids; and
  - battery-storage subcomponents
- ▶ Adaptive protection technologies;
- ▶ Advanced modeling technologies;
- ▶ Hardening of power lines, facilities, substations, or other systems; and
- ▶ Replacement of old overhead conductors and underground cables.

# Small Utility Set-Aside

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## LARGE VS SMALL ENTITIES

- ▶ Small entities are eligible subawardees that do not sell more than four million (4,000,000) MWh of electricity annually
- ▶ Large entities are eligible subawardees that sell more than four million (4,000,000) MWh of electricity annually OR that do not sell electricity
- ▶ DOE requires states to make a certain amount of funding available to small utilities
  - In MA, approximately 59% of customers are served by small utilities
  - Accordingly, 59% of the funding will be made available to small entities

# Cost Match

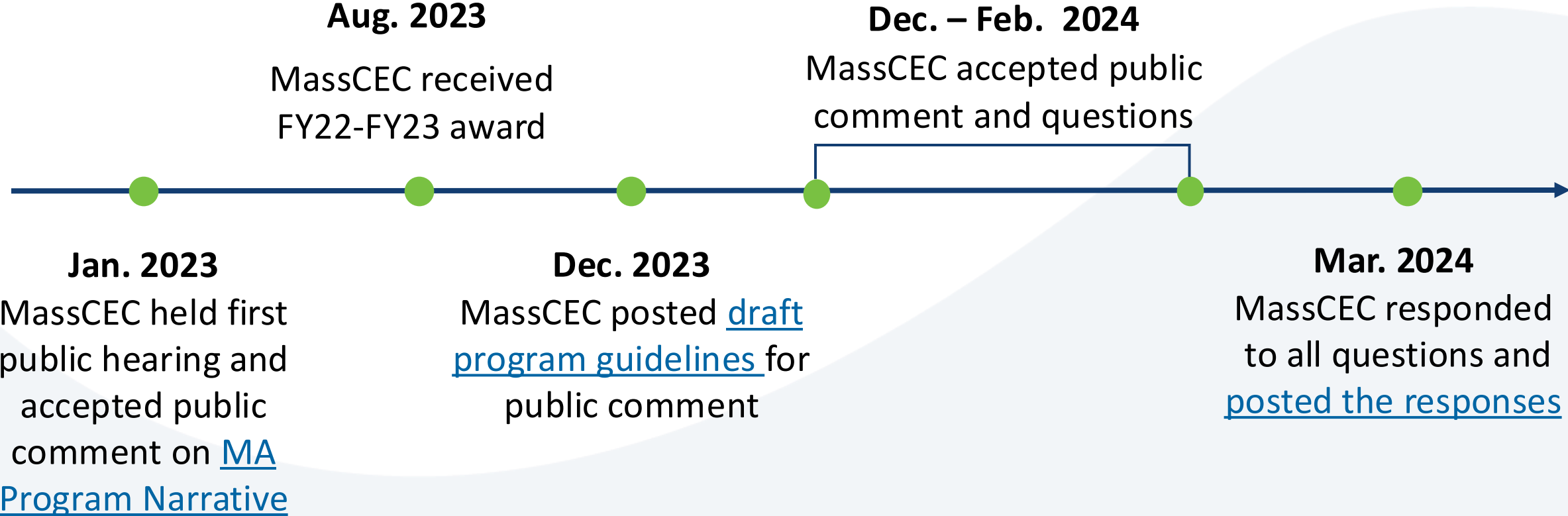
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## COST MATCH REQUIREMENTS

- ▶ Cost match is required for all subawardees per federal requirements
- ▶ Large entity cost match – between 100-115% of award
- ▶ Small entity cost match – between one third (1/3) and one third (1/3) + 15% of award
- ▶ Required cost match (within specified ranges for large and small entities) will be determined upon subaward notification

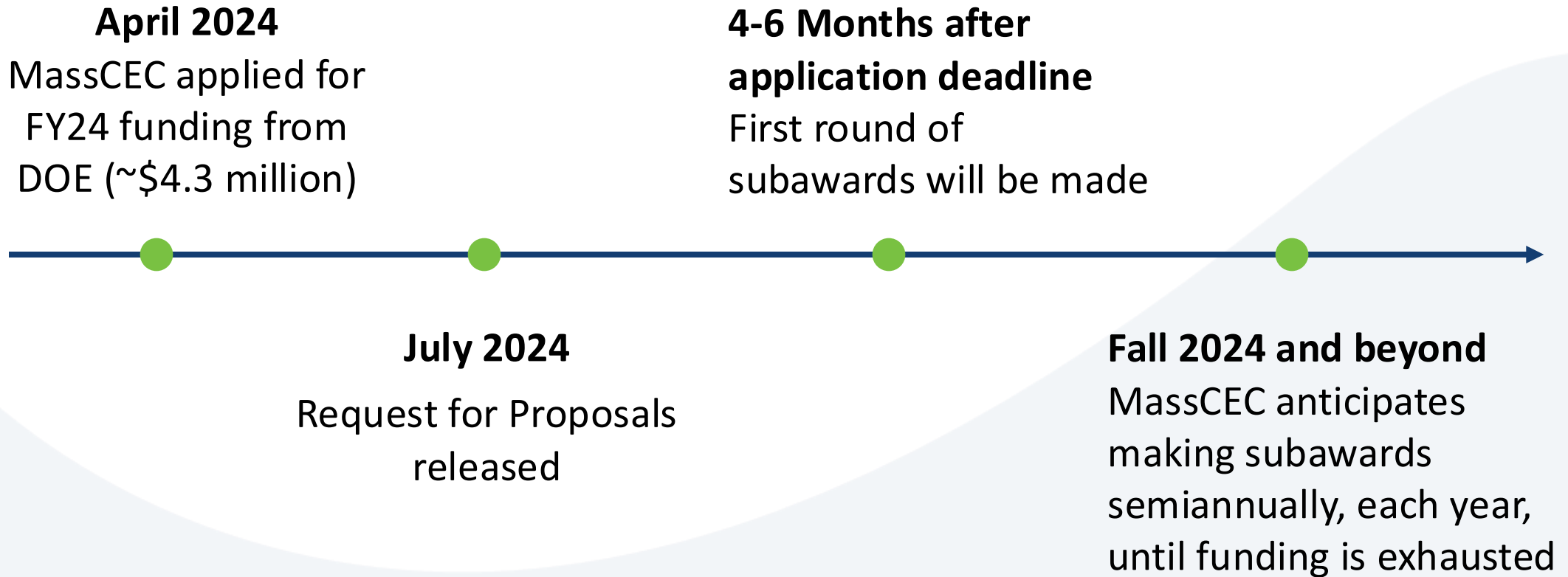


# Previous MA Activities

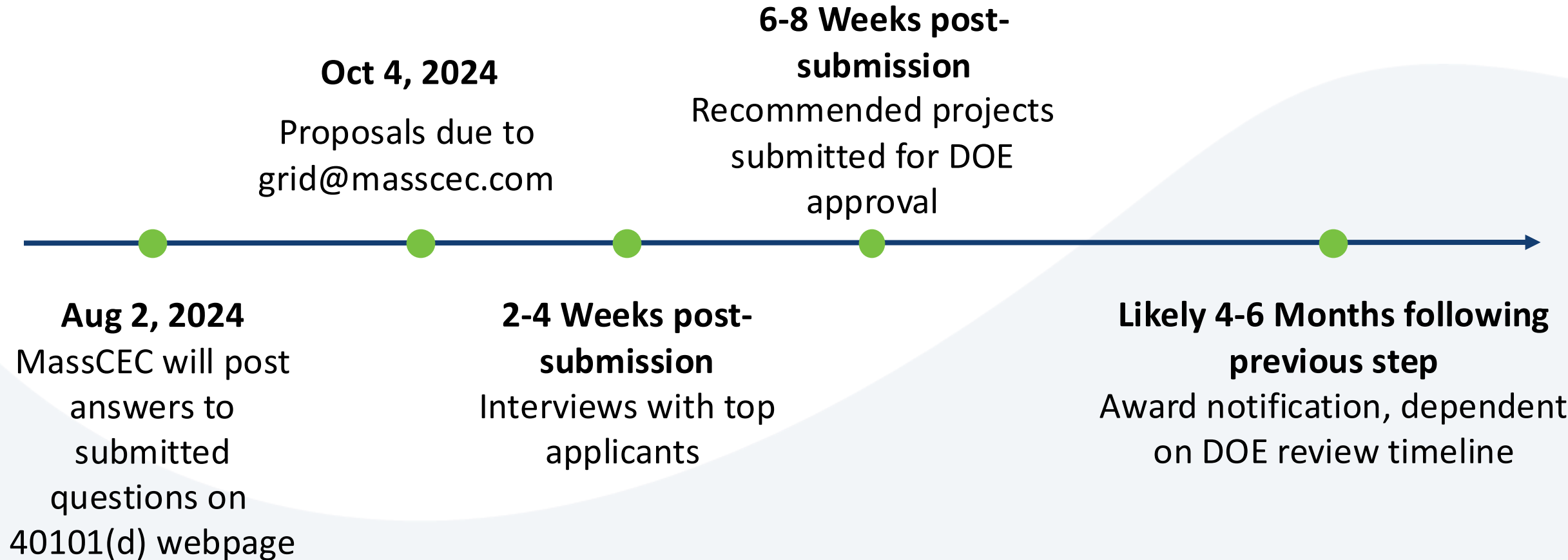


# Current Status in MA

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# Program Application Expected Timeline



# Application Materials

## MASSCEC REQUIREMENTS

- Attachment A – Application Cover Sheet
- Attachment B - Signature and Acceptance Form
- Attachment C - Project Narrative
- Attachment D - Project Workplan
- Attachment E - Budget Justification Workbook
- Attachment F - Proposed Project Metrics
- Attachment H - Cost Match Commitments and Support Letters with Cover Pages (submit as many as needed)

## FEDERAL REQUIREMENTS

- NEPA Environmental Questionnaire
- SF-424A Budget Information form
- Foreign Nationals Participation form
- Build America Buy America (BABA) waiver request (If applicable)
- Performance of Work in the US waiver (if applicable)
- Domestic Entity waiver for subrecipients (if applicable)

**Application Tip:** Complete application materials thoroughly, particularly federal requirements

# Application Materials

## LIST OF REQUIRED MATERIALS

- ▶ Please refer to page 1 in Attachment A - Application Cover Sheet for the full list of required materials to be submitted

## PAGE 1 - ATTACHMENT A

Please ensure that you have completed and are submitting all of the following application materials. **MassCEC will not review incomplete applications.**

- Attachment A – Application Cover Sheet (this form)
- Attachment B – Signature and Acceptance Form (**signature required**)
- Attachment C – Project Narrative
- Attachment D – Project Workplan
- Attachment E – Budget Justification Workbook
- Attachment F – Proposed Project Metrics
- Attachment H – Cost Match Commitment and Support Letters with Cover Pages (submit as many as needed)

Federal requirements:

- NEPA Environmental Questionnaire
- SF-424A
- Foreign National Participation forms (if applicable)
- Build America Buy America (BABA) waiver request (if applicable)
- Performance of Work in the United States waiver (if applicable)<sup>1</sup>
- Domestic Entity waiver for subrecipients (if applicable)<sup>2</sup>
- A summary of any application(s) that have been submitted by the Applicant to the DOE under BIL Section 40101(c), DE-FOA-0002740, Grid Resilience and Innovation Partnerships (GRIP) and a description of the difference between the GRIP and 40101(d) applications.

# Application Materials

## REFERENCE MATERIALS

- ▶ The below listed materials are linked on the 40101(d) webpage for **informational purposes only**. They are not required for the application.
  - Attachment G - Scoring Rubric
  - Attachment I - Quarterly Progress Report Template
  - Attachment J - Annual Reporting Template

## ATTACHMENT G – EXAMPLE

Resilience and Reliability Benefits and Community Engagement
Project identifies a meaningful resilience or reliability need and proposes a reasonable solution
Applicant demonstrates that the project need was identified by or with the community (for example, the project addresses a need identified in a previous vulnerability assessment, such as via the Municipal Vulnerability Preparedness ("MVP") Program). For this criterion, "the community" may refer to municipal officials, community organizations, and/or other similar entities.
Applicants have proposed a method to quantify the reliability or resilience benefits of project
Project aligns with Program Objectives outlined in the program narrative
Applicant demonstrates that the project aligns with and furthers the Commonwealth's CECP targets
Project will be located in an EJC and/or a DAC
Community Based Organization is part of the project leadership

# Questions

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## SUBMIT QUESTIONS

- ▶ Please submit all written questions to [grid@masscec.com](mailto:grid@masscec.com)
- ▶ Questions must be submitted by the **EOD on July 24th**
- ▶ Answers to all questions will be posted on the 40101(d) webpage on August 2nd

## ASK QUESTIONS LIVE

- ▶ Write comments/questions in the chat
- ▶ Use the “raise hand” function to ask a question

**THANK YOU!**