

Massachusetts' Solar for All Application Summary

*Please note the initiatives described below are based on the proposed application to EPA for Solar For All funding. Actual programming may change, depending on the nature of any actual award and ongoing design and development processes.



Solar for All Overview

- Solar For All is one of the three competitions being run by the EPA out of the Greenhouse Gas Reduction Fund – a \$27 Billion dollar program enabled by the Inflation Reduction Act

Overview of the Greenhouse Gas Reduction Fund competition structure

	 National Clean Investment Fund	 Clean Communities Investment Accelerator	 Solar for All
Competition description	Fund 2-3 national nonprofits to partner with private capital providers to deliver financing at scale catalyzing tens of thousands of clean technology projects	Fund hub nonprofits to rapidly build clean financing capacity of networks of community lenders to finance pollution-reducing projects in low-income & disadvantaged communities	Support states, territories, Tribal & municipal governments, & nonprofits to expand access to solar for low-income & disadvantaged communities by priming markets for investment
Number and type of grantees	2-3 national nonprofits	2-7 hub nonprofits	Up to 60 states, Tribal & municipal governments, & eligible non-profit entities
Funding available	Nearly \$14B	\$6B	\$7B
Expected impacts	Historic public sector investment with the scale to attract private capital leverage in clean projects, supporting the 2030, 2035, & 2050 climate goals of the United States and catalyzing tens of thousands of clean technology projects	Robust pipeline of thousands of community-led clean projects with meaningful benefits, generated by hundreds of community lenders capitalized by GGRF to start or expand clean lending in underserved communities	Energy bill savings and energy resiliency for millions of underserved American households via states, Tribal & municipal governments, & other recipients creating new or expanding existing low-income solar programs across the country



Solar for All Overview

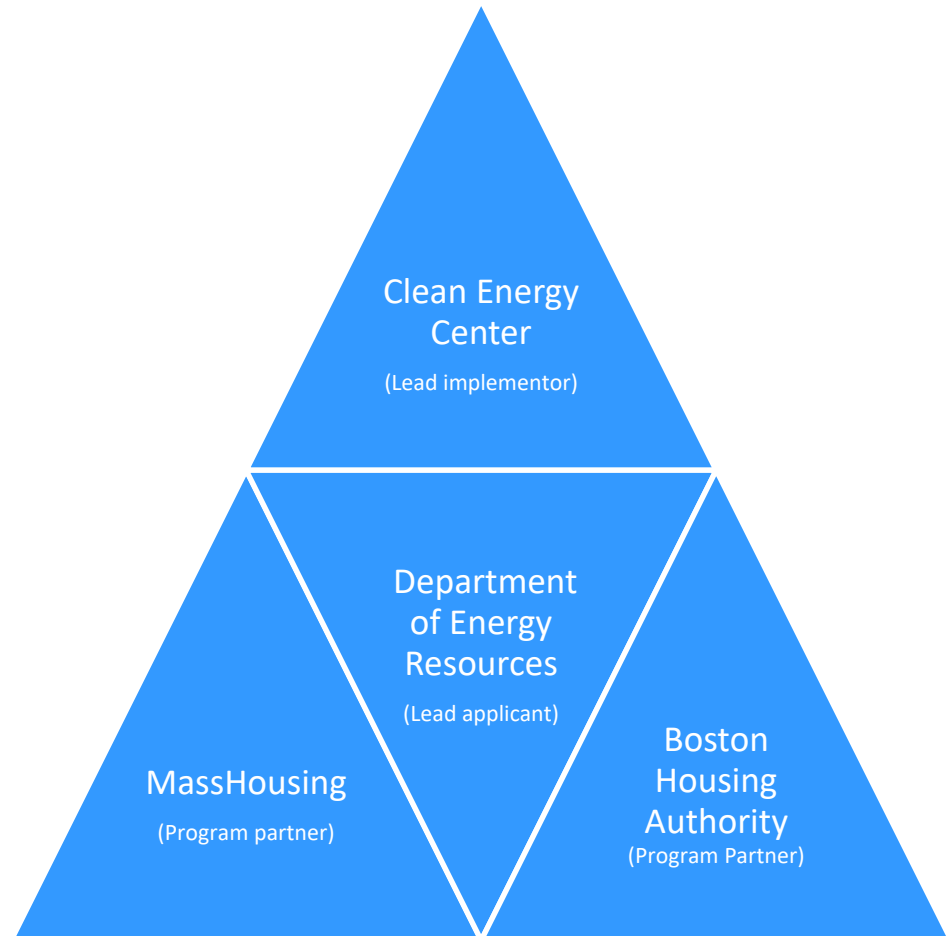
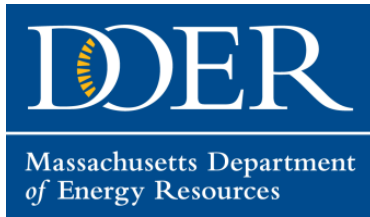
- EPA will make awards across 3 size ranges:

	Small Programs	Medium Programs	Large Programs
Award range	\$25 million up to \$100 million	Greater than \$100 million and up to \$250 million	Greater than \$250 million and up to \$400 million
Approximate number of households served	Up to 10,000 households	Greater than 10,000 households and up to 30,000 households	Greater than 30,000 households

- Massachusetts qualified for a 'Medium Program', and **applied for the maximum \$250 Million**
- Funding should be used to expand existing low-income solar programs or design and deploy new Solar for All programs – intended to enable low-income households access to affordable, resilient and clean solar energy – deliver 'meaningful benefits' to eligible residents
 - Meaningful benefits include: Household Savings, Equitable Access, Resilience Benefits, Community Ownership, and Workforce Development / Entrepreneurship opportunities
 - Household Savings requires a minimum 20% savings for all households served – based on average utility bills for the utility territory
- Minimum 75% of program funds should be used for 'financial assistance, remaining funds can be used for 'project deployment technical assistance' – including workforce development, education and outreach, and siting support
- Financial assistance may support associated energy storage and up to 20% of financial assistance provided may be for 'enabling upgrades' including electrical upgrades, structural repair and efficiency –
 - *The Commonwealth's application proposes leveraging existing MassSave funds wherever feasible
- Funds must be deployed within 5 years (July 2024 – July 2029), with 1 year planning period allowed

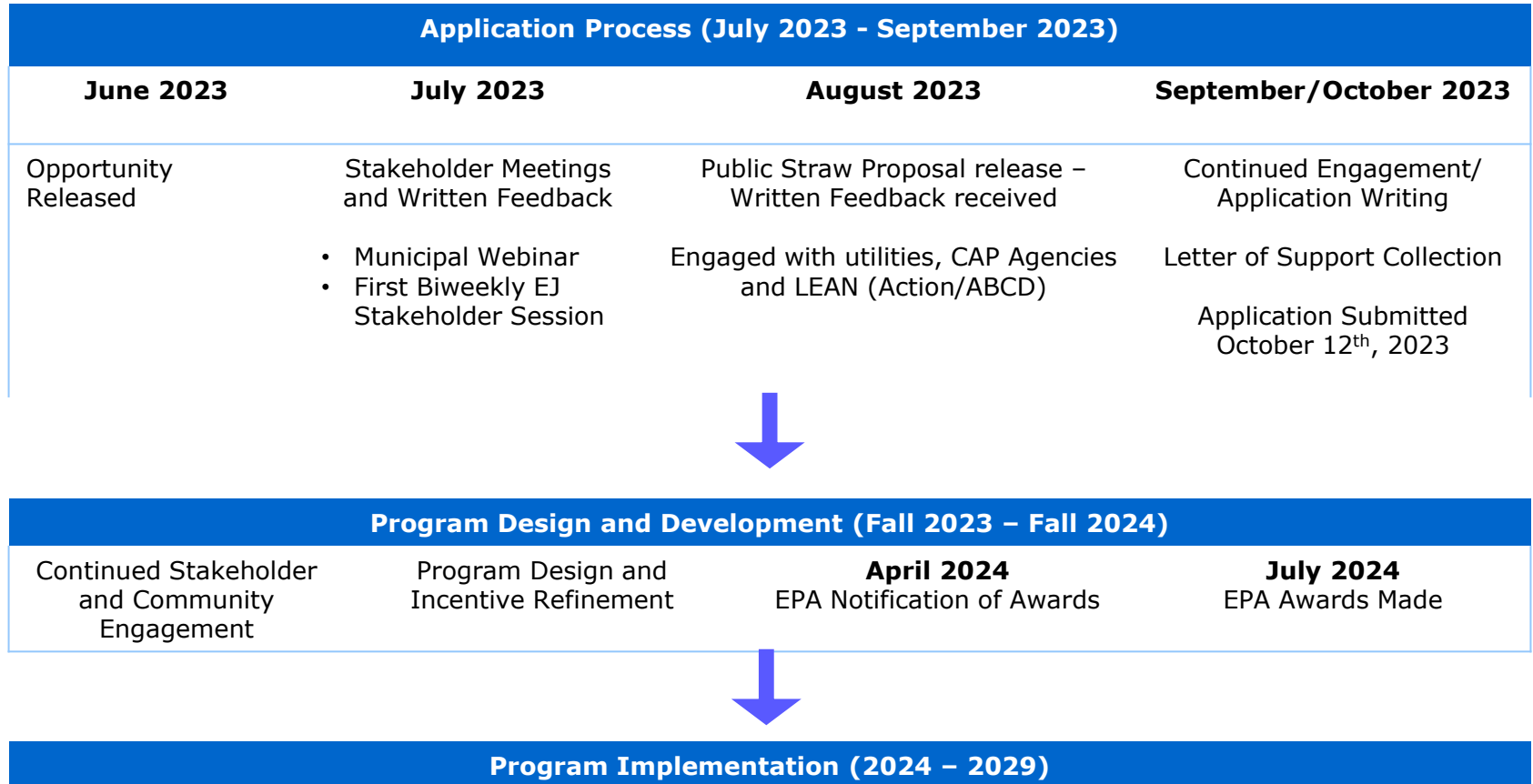


Massachusetts' Solar for All Coalition





Solar For All Application and Program Design Timeline



Program elements to begin launching Fall 2024



Solar for All Stakeholder Engagement

- **The Coalition met with stakeholders interested in Solar for All**
 - DOER worked closely with MassCEC and partners across Exec. Office of Energy and Environmental Affairs (EEA) in developing an approach outline
 - As housing, and particularly public and regulated affordable housing became clear as priority segments – engaged with Exec. Office of Housing and Livable Communities (EOHLC) and housing authorities to develop and refine approach
 - Engaged with Office of Climate Resilience and Innovation and MassHousing closely as entities leading the MA approach to other Greenhouse Gas Reduction Fund opportunities
 - Dozens of other meetings occurred with individual stakeholders throughout application development
 - Engaged with other MA entities that submitted Notices of Intent to apply to EPA, to ensure a coordinated and cohesive MA application
- **The Coalition coordinated with stakeholders on Letters of Support to include in application**
 - In total, approximately 80 letters of support were received
- **July 14 2023 – Webinar for Municipal stakeholders**
- **July 25 2023 – First Environmental Justice stakeholder meeting**
 - Meetings occurred biweekly through October 10, 2023
 - Going forward, the Coalition will coordinate with EEA’s Justice40 Working Group for Environmental Justice feedback
- **August 11 2023 – The Coalition issues Solar for All Straw Proposal**
 - Public comments were collected on the straw proposal through August 25, 2023
 - In total, 55 entities provided comments on the proposal, many of which helped inform the final application submitted to EPA



Letters of Support

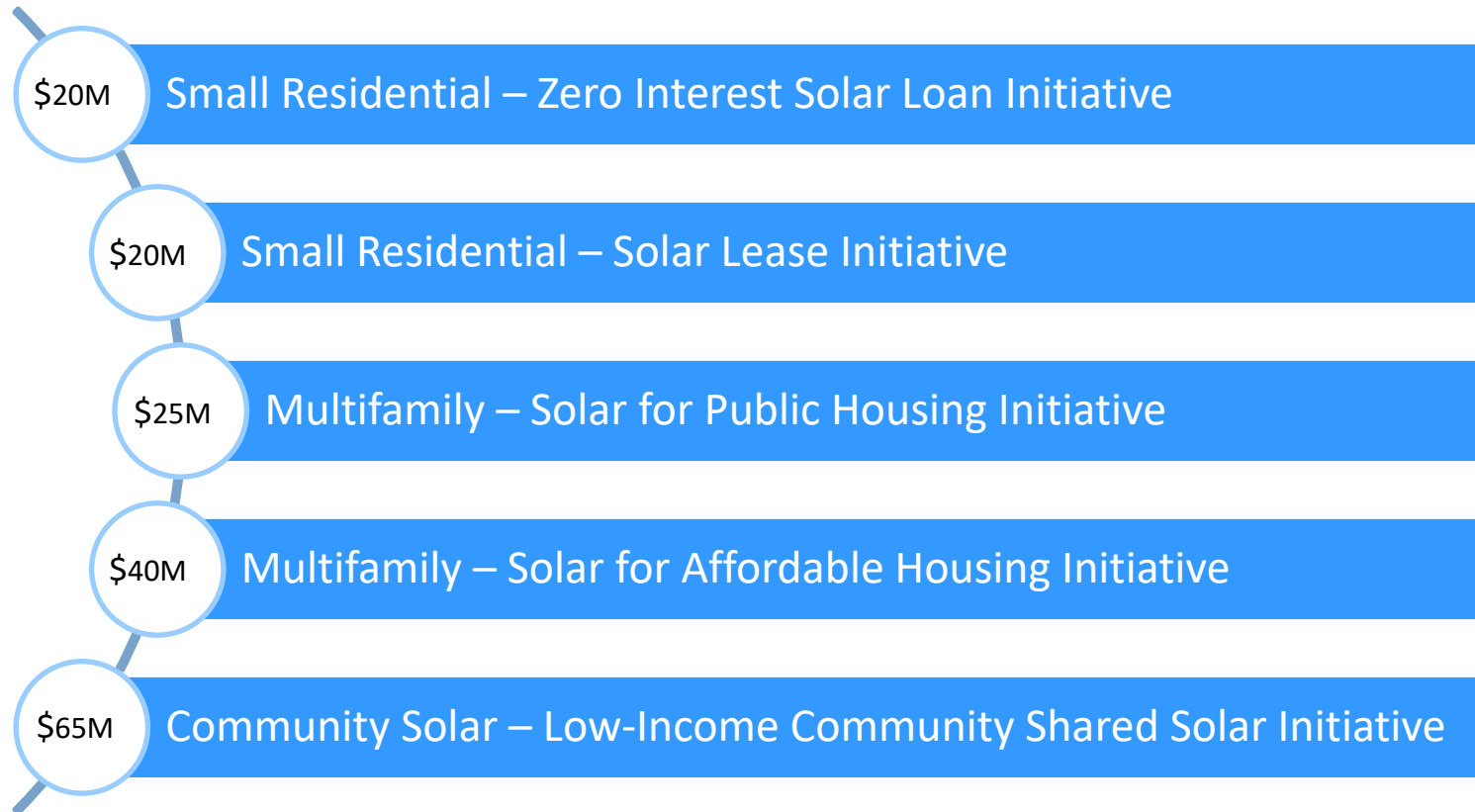
The Massachusetts Coalition is grateful to the below individuals and organizations that provided Letters of Support for Massachusetts' application and looks forward to continued collaboration with them and others as we design and implement Solar for All programming.

Action 4 Equity	Executive Office of Housing and Livable Communities	National Electrical Contractors Association
Action Inc.	Eversource	Neighbor to Neighbor MA
Benjamin Franklin Cummings Institute of Technology	Greater Grove Hall Main Streets	Northeast Clean Energy Council
BlueHub Energy	Greater Springfield Habitat for Humanity	Northeast Energy Efficiency Council
Boston Community Solar Cooperative	Green and Healthy Homes Initiatives	PosiGen
Boston Main Streets	Greenfield Community College	PowerOptions
Boston Medical Center	Green Energy Consumers Alliance	PV Squared
Boston Solar/SEBANE	Green Roots	RARE
Building Pathways MA	Groundwork Lawrence	Representative Jeff Roy
Cape Light Compact	Hebrew SeniorLife	Resonant Energy
Capital Good Fund	International Association of Electrical Inspectors - Boston	ReVision Energy
Center for Sustainable Energy	International Association of Electrical Inspectors - Western MA	RL Cook Community Consulting
CES / Ameresco	International Brotherhood of Electrical Workers	Self Help Inc.
City of Boston	Local Initiatives Support Coalition (LISC)	Senator Mike Barrett
City of Framingham	MA Association of Community Development Corporations	Sierra Club Massachusetts
City of Lawrence	Malden Housing Authority	Springfield Technical Community College
City of New Bedford	Mass Audubon	SunGroup Energy
Clean Energy Solutions	Mass Save Program Administrators	Syncarhpa Capital
Climate First Bank	Massachusetts Attorney General's Office	The Neighborhood Developers
Coalition for Community Solar Access	Massachusetts Department of Environmental Protection	Umass Five
Codman Square Neighborhood Development Corporation	Massachusetts Department of Public Utilities	Umass Clean Energy Extension
Co-op Power	Massachusetts Municipal Association	Union of Concerned Scientists
Cooperative Credit Union Association	Massachusetts Municipal Wholesale Electric Company	Unitil
Emerald Cities Collaborative	MassHire Franklin Hampshire Workforce Board	VBCDC
Energy Allies	MassNAHRO	Worcester Common Ground
Energy New England (ENE)	Metropolitan Area Planning Commission (MAPC)	Worcester Community Action Council
Entrepreneurial and Business Collaborative	Mill Cities Communities Investments	Worcester Housing Authority



Proposed Solar for All Budget

The Massachusetts application requests **\$250 million**, the maximum award for a Medium Program.



Other Funding	
\$20M – assignable	\$10M – enabling upgrades
\$24M – technical assistance	\$13M – admin (plus an additional \$12M from DOER)
\$10M – workforce development	\$3M – other



Solar For All Key Elements

- **Small Residential - \$40 million**

- Zero Interest Solar Loan Initiative - \$20 million
 - Modeled on [Mass Solar Loan](#) and [MassSave Heat Loan](#) programs
 - Maximizes benefit to low-income households by providing clear path to ownership
- Solar Lease Initiative - \$20 million
 - Competitively procured lease product that leverages the ability to stack investment tax credit (30%) with other tax credit adders
 - Competitive procurement will encourage lower lease rates, additional community benefits, and strong consumer protections
 - Designed to offer ownership opportunities in time
- Both initiatives administered by MassCEC
- Both initiatives will look for efficiency opportunities first, and leverage MassSave for enabling upgrades or storage financing as possible
- Intend to procure dedicated technical assistance for qualified Small Residential residents to select program, and review potential benefits of enabling upgrades and/or storage
 - Have engaged with LEAN and Cap agencies and will coordinate with efficiency providers to connect residents to this service, and vice versa.

- **Multifamily - \$65 million**

- Solar on Public Housing Initiative - \$25 million
 - Administered with Boston Housing Authority on behalf of all housing authorities statewide in close coordination with EOHL
 - Statewide procurement for housing authorities designed to incorporate workforce development through organized labor apprenticeships
- Solar on Affordable Housing Initiative - \$40 million
 - Administered with MassHousing
 - Technical assistance and data driven outreach to identify buildings and use roof replacements, age of parking lots, or other upgrades as a trigger
- Both programs to enable direct ownership (potentially through bridge loans), and third-party ownership approaches
- Enable benefits to be delivered to tenants on a master meter or receiving utility allowance through non-energy benefits (e.g., community building-wide free broadband internet access)



Solar For All Key Elements, Cont.

- **Low Income Community Shared Solar Initiative - \$65 million**
 - Administered by MassCEC
 - Competitively procured low income community solar projects will receive additional incentive
 - All projects must meet SMART Program’s Low Income Community Shared Solar Eligibility criteria (minimum 50% low income residential off-takers)
 - Points given to projects that provide deeper savings, have higher percentage of low-income customers subscribed, and/or have anchor tenants that provide community benefits (e.g., community based organizations, non-profits, affordable housing, etc.)
 - Carve-outs provided for community-owned projects and projects in municipal light plant territories
 - Coordinate with efficiency providers on outreach and education to help residents understand potential benefits and connect with eligible projects as applicable
- **Assignable Funds and Enabling Upgrades - \$20 million**
 - Assignable funds to be allocated to other categories of direct financial assistance, based on program participation rates
- **Enabling Upgrades - \$10 million**
 - Funding for grants to support enabling upgrades such as roof replacements, electric service upgrades, or other capital improvements
- **Technical Assistance - \$37 million**
 - Outreach and Community Engagement
 - Funding for community-based organizations to conduct outreach, education, and engagement
 - Workforce Development (at least \$10 million)
 - Technical assistance related to procurement, siting, energy storage and resilience, interconnection, and other decision making
 - Technical assistance focused on reducing customer engagement and participation barriers for community solar (e.g., community solar marketplace)
 - Quality assurance inspections and support for municipalities and electrical inspectors
- **Administration - \$25 million (includes \$12 million of state funding)**
 - Staffing, systems, and support work needed to manage program, conduct reporting, audits, etc.



Solar For All – Next Steps & How to Engage – Fall 2023

Fall 2023 – Summer 2024

- Continued Community Engagement and Program Design
 - Seeking input on design of funding opportunities, educational and training approaches, outreach, technical assistance and workforce development initiatives
 - Seeking input program eligibility and best practices to ensure alignment with efficiency programs and funding – ensure smooth customer experiences

Summer 2024 - 2029

- Solicitations for support providers and consultants along with funding opportunities
- Engagement on development of trainings and program materials to ensure all stakeholders have the needed information
- Funding and Training opportunities for outreach and engagement partners

Sign up for DOER's [Solar for All mailing list](#)

Stay engaged with Industry groups as opportunities for collective feedback