



# INTRODUCTION TO MICHIGAN'S SOLAR FOR ALL PROGRAM

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# Agenda

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- Federal Solar for All program overview
- MI Solar for All program overview
- Program definitions and eligibility
- Pilot funding opportunities in 2025
- Current program status
- Engagement & participation opportunities

# Michigan's award is from the US EPA Solar for All Program.

- US Environmental Protection Agency (EPA) Solar for All program
  - Part of Greenhouse Gas Reduction Fund created by Inflation Reduction Act (IRA)<sup>1</sup>
    - IRA passed by Congress and signed by President
- US EPA Solar for All program is intended to:<sup>2</sup>
  - Benefit low-income households
  - Provide access to affordable, resilient, and clean solar energy
- Total of 60 Solar for All grant recipients across US committed to:<sup>2</sup>
  - Fund residential and residential-serving community solar projects
  - Create equitable access to affordable, resilient solar
  - Deliver good-paying, high-quality jobs
- MI Solar for All is federally funded program dependent on US EPA funds

1. [Greenhouse Gas Reduction Fund | US EPA](#)

2. [Solar for All Fast Facts | US EPA](#)



# The State of Michigan was awarded \$156 million!

**Total Award: \$156 Million**

Direct Financial Assistance: 75% (\$117M)

Technical Assistance: 25% (\$39M)



Residential rooftop solar (21%)

Residential-serving community solar (53%)

Enabling upgrades with solar project (20%)

Associated storage with solar project (6%)



Community assistance

Workforce training

Program/vendor management

Monitoring, compliance, etc.

# MI Solar for All will increase affordable, reliable, and resilient electricity.

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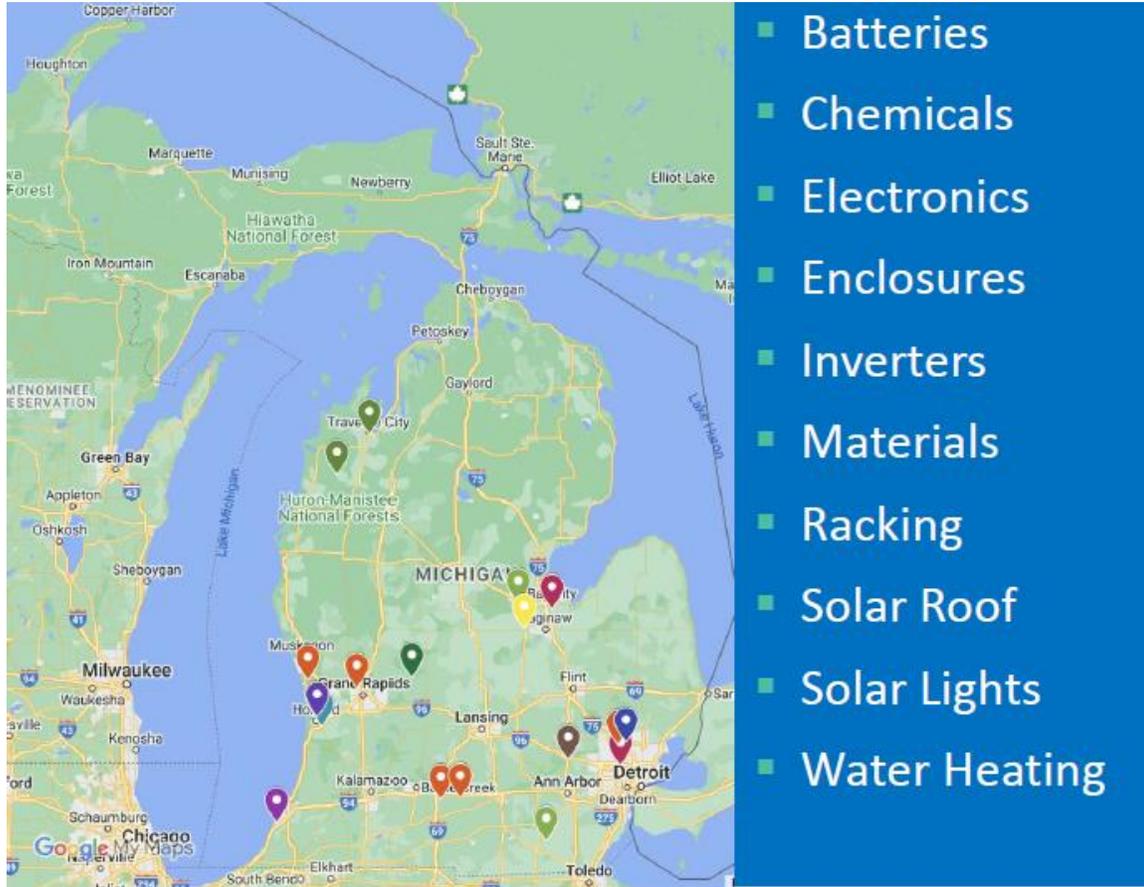
- **Reduce costs for estimated 16,300 low-income households**
  - Provide average 20% electricity bill reduction (actual or equivalent) to participating low-income households through MI Solar for All projects
    - Estimated \$400-\$450/year/household or about \$11,000-\$17,000 over 25 years
    - Estimated total low-income household savings of \$303 million over investment lifetime
  - Support improvements needed for solar install, such as
    - Roof repairs
    - Electrical system upgrade
- **Improve household or community energy reliability/resiliency**
  - Associated storage funding for select projects
    - Stores electricity for later use, including during electrical outages
- **Strengthen Michigan's energy independence**

# MI Solar for All will strengthen Michigan's communities and economy.

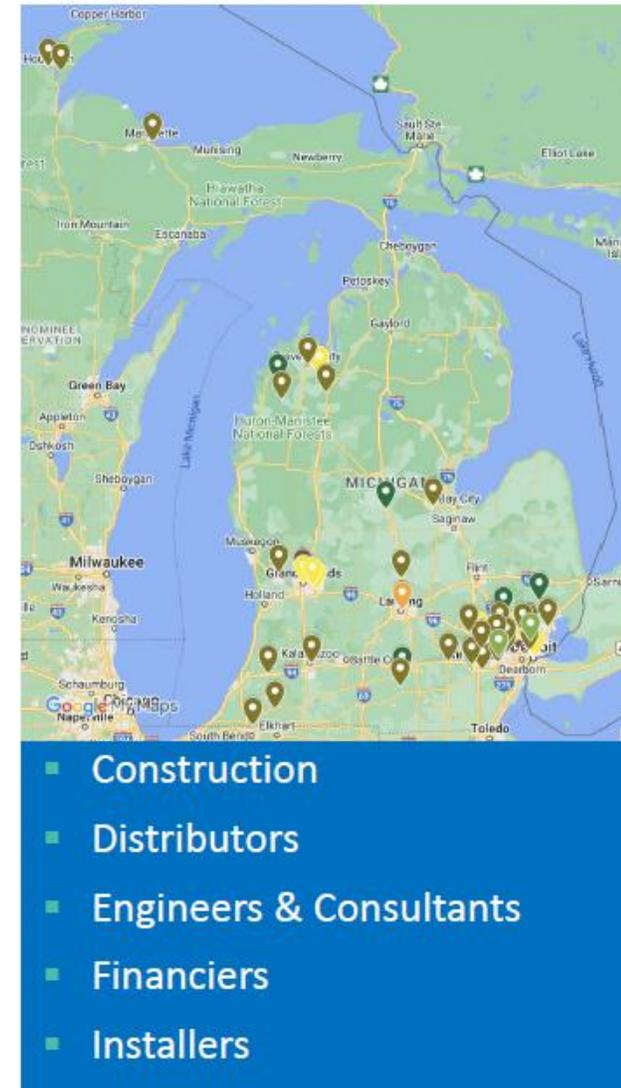
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- **Support workforce pipeline and create good-paying jobs**
  - Provide workforce training & development
  - Create an estimated 700 jobs
- **Economic development opportunities for our state and communities**
  - Community solar hosted in communities may provide varied community benefits
  - Technical and community assistance opportunities
  - Will use American-made, and likely Michigan-made products
    - Some Michigan solar manufacturers:
      - Hemlock Semiconductor - [\\$325 million US Dept. of Commerce funding for new production facility in Saginaw Co.](#)
      - Corning Inc. - [\\$900 million facility in Richland Township making solar components](#)

# Michigan Manufacturing Solar Supply Chain<sup>3</sup>



# Michigan Commercial & Industrial Solar Value Chain<sup>3</sup>



3. EGLE Michigan Clean Energy Assets Roadmap Program. (2022). *Michigan Commercial & Industrial SOLAR Market Assets, Gaps & Recommendations*.

# MI Solar for All will support a healthier Michigan.

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- **Support healthier homes for residential rooftop solar households**
  - Better roofs, updated electrical for residential rooftop solar households that need it.
  - Home health and safety benefits
- **Seek collaborations with existing related programs, like home repair**
  - Do more for low-income households to maximize household energy savings, cost reductions, comfort, and health
- **Protect Michigan's land and water through cleaner air for all**
  - Avoid estimated 272,000 metric tons of CO<sub>2</sub> emissions over 25 years
  - Equivalent to recycling over 23 million trash bags of waste instead of landfilled!<sup>4</sup>

4. [Greenhouse Gas Equivalencies Calculator - Calculations and References | US EPA](#)

# Low-income definition

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- Income not more than (whichever is higher):
  - Metropolitan Areas: 80% Area Median Income(AMI) or 200% Federal Poverty Limit (FPL)
  - Non-Metropolitan: 80% AMI, 200% FPL, or 80% Statewide Non-Metro Area AMI
- Program must use latest publicly available figures from federal government
- For illustrative purposes only, 2024 AMI for MI:
  - Metropolitan Areas: \$94,600 (80% AMI = \$75,680)
  - Non-Metropolitan Areas: \$79,600 (80% AMI = \$63,680)

# Program area definitions

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## ○ **Residential Rooftop Solar:**

- Includes rooftop, pole-mounted, and ground-mounted photovoltaic (PV) systems, that deliver all the power generated to residential customers in:
  - Existing and new single-family homes,
  - Manufactured homes, or
  - Multifamily buildings
    - Includes those classified as commercial buildings if solar benefits residential customers either directly or indirectly
- Rented or owned properties

## ○ **Residential-Serving Community Solar**

- Solar PV power-producing facility or solar energy purchasing program
- From a facility, with up to 5 MWac nameplate capacity, that:
  - Delivers at least 50% of power generated from system—by delivering at least 50% of benefits derived from power generated—to residential customers in same utility territory as facility

# Program area definitions, cont.

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- **Enabling upgrades and associated storage must be deployed with eligible MI Solar for All residential rooftop solar or residential-serving community solar project**
  - **Enabling Upgrades:**
    - Must satisfy all of the following criteria:
      - An investment in energy or building infrastructure
        - Ex. Roof repair, electrical system upgrade, undergrounding electric service drop, etc.
      - Necessary to deploy or maximize the benefits (i.e., financial savings or resiliency benefits) of a residential rooftop and residential-serving community solar project
  - **Associated Storage:**
    - Infrastructure to store solar-generated power to maximize solar deployment

# Pilots: Interest form response prompted 2025 pilots

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- Thank you for filling out the interest forms!
- **At first revision of workplan & budget, received:**
  - 959 submissions (now over 1,430)
- **Of 369 comments, most expressed desire and need for MI Solar for All**
  - Homeowners seeking relief from high energy costs
  - Interest in potentially partnering on a project
    - Homeowners, multifamily developments, business owners, etc.
  - “URGENCY is missing!”
- **We heard you!**
  - Originally planning to start MI Solar for All program offerings in 2026
  - Now will offer pilot funding opportunities in 2025

# Pilots for 2025

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## ○ Funding amounts

- Residential rooftop solar: \$1,000,000
- Residential-serving community solar: \$6,500,000
- Enabling upgrades: \$1,000,000
- Associated storage: \$375,000

## ○ Aim to offer pilot funding opportunities in late April 2025

## ○ Eligible applicants include:

- Governmental entities
- Tribes
- Non-profits
- Municipal and Cooperative Utilities
- Schools/Colleges/Universities
- Eligible property owners

# Matchmaking Sessions in Advance of Pilot Offering

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- Upcoming virtual and in-person matchmaking sessions in advance of pilot funding opportunity release
- We've heard from many of you
  - **Communities** have ideas and energy goals but need support to move projects forward
  - **Solar developers** are eager to support projects but often lack direct community connections
  - **Contractors, workforce organizations, and technical assistance providers** are looking for meaningful opportunities to contribute to help projects be more successful
- Virtual session on April 16, 2025
- In-person session on April 23, 2025
  - During MI Healthy Climate Conference from 1:15-2:15 PM in Detroit
  - Must register for conference to attend!
    - Deadline for conference registration 4/13
- Register for either or both events here: [Matchmaking Event Registration](#)

# Program design & input phase starting

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- Goal: Design flexible program meeting EPA program guidelines & MI needs
- Seeking input from interested parties to inform:
  - Program design and offerings
  - Prioritization for project selection
- Varied input opportunities available and in development

# Current program status

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- MI Solar for All is a federally funded grant
- Michigan has a grant agreement with US EPA
  - Legal contract obligating program funds for MI Solar for All
  - Obligated funds are committed, as long as in compliance with program terms & conditions
- Program activities include:
  - Two contractor teams assisting with program design and engagement
  - Behind-the-meter solar and storage study with Georgia Institute of Technology & Great Plains Institute
  - Great Plains Institute and Farallon Strategies assistance on various program aspects
- We'll be at the [MI Health Climate Conference](#) (April 22-23 in Detroit)!
  - In-person matchmaking session on April 23
  - Register by April 13
- Pilot RFP (\$8.875 million) aiming to be available in late April

# Please stay engaged with MI Solar for All!

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- Join future virtual listening sessions (all from 6-7:30 PM):
  - [April 10, 2025 – Residential-Serving Community Solar, Enabling Upgrades, and Storage](#)
  - [May 14, 2025 – Geographic Distribution and Equitable Deployment and Prioritization in Program Design and Project Selection](#)
  - Past listening session recordings are available on the MI Solar for All website [here](#).
- Fill out the [MI Solar for All interest form](#), if you haven't already
- Sign up for [MI Solar for All listserv](#) for program updates
- Submit input through surveys and Request-for-Information responses (coming soon!)
  - [MI Solar for All Pilot Survey](#)
  - [MI Solar for All Community Solar Survey](#)
- Participate in future MI Solar for All focus workgroups (coming soon!)
- Come to MI Solar for All office hours with your questions or input (coming soon!)
- Check out our website at [Michigan.gov/MISSolarForAll](https://Michigan.gov/MISSolarForAll) for updates
- Join an upcoming MI Solar for All matchmaking session to share your project idea and make connections to make it happen!
- [Register](#) for and join matchmaking sessions to share your project idea(s) and make connections to make it happen!
  - Virtual session on 4/16
  - In-person session on 4/23 (Register for MI Healthy Climate Conference by 4/13 to attend)
- ***Develop projects and apply for funding opportunities!***

**THANK YOU!**

Fill out the MI Solar for All  
Interest Form!



**THE FUTURE IS BRIGHT**