



SHINE

Solar Helping Ignite
Neighborhood Economies



SHINE marries climate action with anti-poverty work by bringing green job opportunities and renewable energy to communities that have challenges accessing both.



4.5 Million Americans live in disadvantaged communities where state laws support the SHINE approach

SHINE delivers benefits of a clean energy transition.



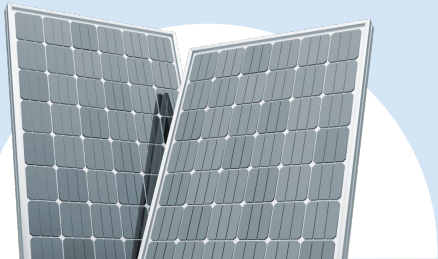
- 1 **Solar workforce development** when we recruit, train, and support job placement
- 2 **Reduced utility bills** for energy-burdened communities.
- 3 **Increased solar generation capacity within marginalized communities** by installing in-community solar stations
- 4 **Access to electrified transportation** by charging e-bikes, e-scooters, EV car-sharing, and non-residential EVs

Why SHINE?

Solar Power will be a critical component of the clean energy transition.

The percentage of Americans interested in installing rooftop solar—and the number of Americans who say they already have—has **doubled in the last six years**.

Only 1 in 5 Americans have considered community solar, and Rare's research shows renters don't think they qualify.

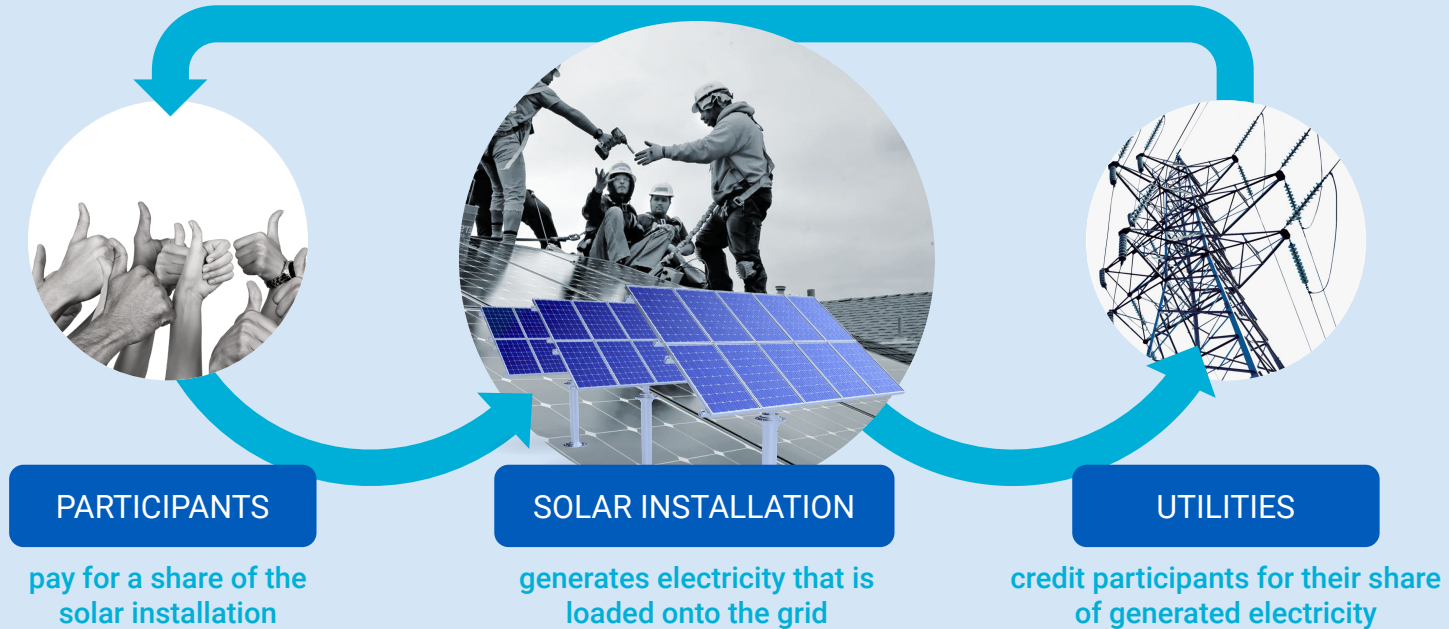


Low-income households, are effectively denied entry into the clean energy transition.

- They often believe they don't qualify for solar as renters
- They may lack credit ratings to enroll in traditional community solar programs
- Predatory community solar providers can target low income neighborhoods, reducing trust and interest



Community Solar allows multiple participants to benefit from a single installation.



SHINE increases access for disadvantaged communities to participate and benefit.

IRA funding is an opportunity to create a complete community solar solution for disadvantaged neighborhoods.

FUNDING from the Inflation Reduction Act (IRA) stimulates installations



JOB TRAINING creates new jobs and career paths in the growing solar industry



INSTALLATION of solar increases energy resilience and localizes the benefits where it matters most



ADOPTION programs assure the benefits extend to the neighborhood participants



The first SHINE pilot with Boston partners is starting.



ADOPTION campaigns co-designed with Action for Boston Community Development (ABCD)



INSTALLATION starting on the roof of Children's Services of Roxbury, facilitated by Resonant Energy



JOB TRAINING by Action for Boston Community Development (ABCD) and Power 52 Foundation



FUNDING provided by awards and grants from the DoE, MassCEC, and philanthropists



Initial interest in SHINE is notable, but we're focused on measurable outcomes and insights for scaling.

The Boston Globe

Climate change and poverty are complex problems. These solutions aim to address both.

By Sabrina Shankman Globe Staff, Updated September 4, 2023, 3:47 p.m.

INTO THE RED: *Climate and the fight of our lives*

Massachusetts — like most places — has a problem when it comes to climate solutions.

The state has just a few years to drastically slash emissions and that means it needs more of everything, fast: more heat pumps, more electric vehicles and EV chargers, more solar panels. Just to get those things installed and working will require massive numbers of trained workers — nearly 40,000 more by 2030 than the state has.

Then there's another, seemingly unrelated problem. More than 10 percent of individuals in the state are living in poverty, and a third of residents 16 and older weren't in the civilian labor force in recent years, according to the most recent census data.

In attempts to make strides on both and begin to deliver on the promise of the so-called Green New Deal, city and state officials are funding a mix of

Manifesting President Biden's Justice 40 initiative to ensure the benefits of clean energy reach low income Americans, SHINE will prove benefits locally and then expand dramatically in 2024-2025.

By the end of 2024 Rare and partners will have:

- ✓ Trained 40 new solar technicians
- ✓ Started installation of our first community solar facility hosted by a local non-profit
- ✓ Rolled out a community solar sign-up effort focused on benefits to low-income Bostonians