



Executive Summary

The 30 Million Solar Homes policies leverage federal power to spark investment that can serve more than 30 million households with rooftop or community solar over the next five years. This decentralized approach to reaching one in four households with solar maximizes and disperses the economic benefits of expanding clean energy in the fight against climate change, directly benefiting as many Americans as possible. More than three-quarters of total federal investment benefits marginalized communities, including low- and moderate-income communities, environmental justice communities, and solar deserts. Over 300 advocacy organizations, solar businesses, and faith communities have signed on in support of 30 Million Solar Homes.

Crucial elements include:

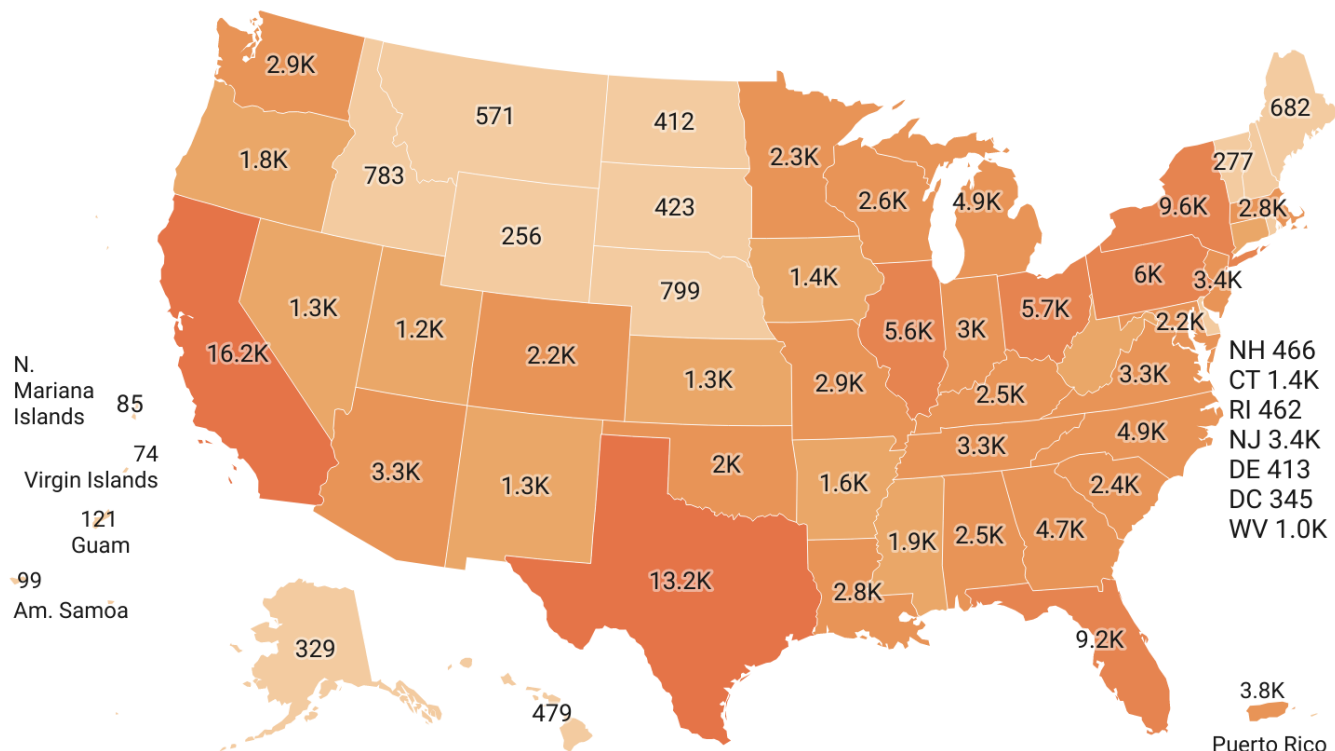
- Restoration, extension, and democratization of the Investment Tax Credit to provide a direct pay option for distributed solar projects and a 30% credit.
- Substantially increased investment in energy assistance and weatherization programs to permanently reduce energy burdens, especially with rooftop and community solar.
- New financing programs, including a national green bank and Clean Energy Victory Bonds.
- Substantial expansion of federal matching grants and loan guarantees for schools, rural homes and businesses, tribal communities, and equitable community solar projects.
- Loan loss reserves, especially to support clean energy portfolios within community development financial institutions.
- Virtual permitting, a national solar marketplace, rules supporting net metering and community solar requirements, and other market-boosting policies.
- Support for solar workers and small business owners from underrepresented groups.
- Measures to make sure federal programs and agencies are accountable to communities.

30 Million Solar Home Impact (New Solar Capacity)

The new rooftop and community solar capacity as proposed in the 30 Million Solar Home policy

NEW SOLAR CAPACITY (MEGAWATTS DC; K = THOUSANDS)

< 1,000 1,000 – 2,000 2,000 – 5,000 5,000 – 10,000 > 10,000



Map: John Farrell, Source: Institute for Local Self-Reliance, Created with Datawrapper

Total Five-Year Impact

151
GIGAWATTS

NEW SOLAR CAPACITY

Equivalent to 30 million solar-powered homes

100
GIGAWATTS

NEW SOLAR CAPACITY IN MARGINALIZED COMMUNITIES

Equivalent to 20 million solar-powered homes

\$137
BILLION

NEW FEDERAL INVESTMENT IN DEPLOYING LOCAL SOLAR

1.77
MILLION

NEW JOBS (IN JOB-YEARS)

\$69
BILLION

ELECTRICITY BILL SAVINGS

-48
-42M

EMISSIONS REDUCTIONS

Equivalent to shuttering 48 coal power plants for a year or taking 42 million cars off the road for a year

Ongoing Annual Impact

\$30
BILLION

ANNUAL BILL SAVINGS

-21
-18M

ANNUAL EMISSIONS REDUCTIONS

Equivalent to taking 21 coal power plants offline or removing 18 million cars off the road