



COALITION FOR
COMMUNITY
SOLAR ACCESS

pv magazine USA Week

A Solar-Powered Economy
October 22-24, 2024 | Virtual Event

The State of Community Solar
Jeff Cramer, President & CEO
Coalition for Community Solar Access

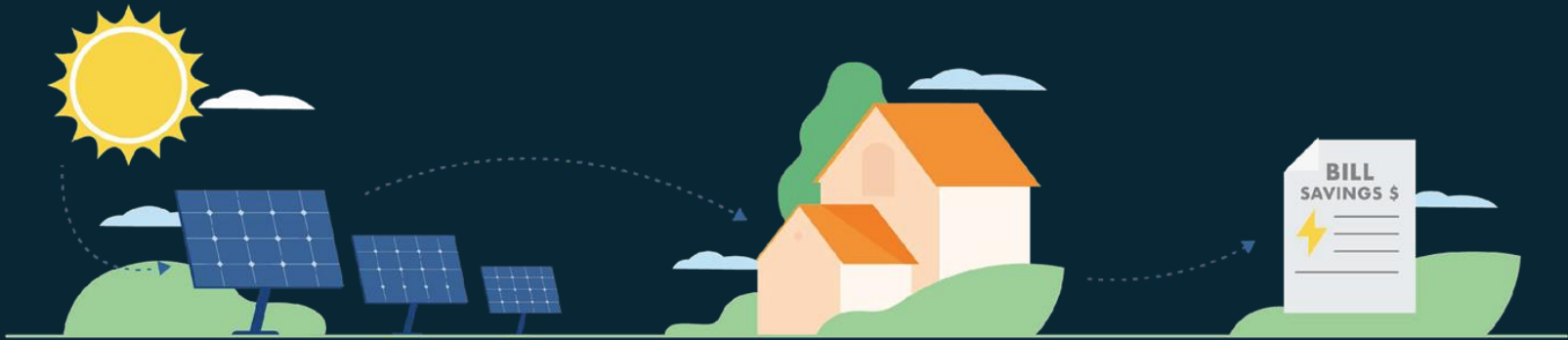
Today's electric grid:

- Decades old...
- Overly centralized....
- Locks out **2/3 of Americans**



What is community solar?

- Projects are developed at a site in your community
- Projects are 1-5 MW (200-1,000 homes) and take up 5-25 acres of land
- Multiple subscribers sign up for a portion of the energy produced - small businesses, churches, schools, government buildings, renters, other households
- Subscribers receive a credit on their utility bill for portion of power produced

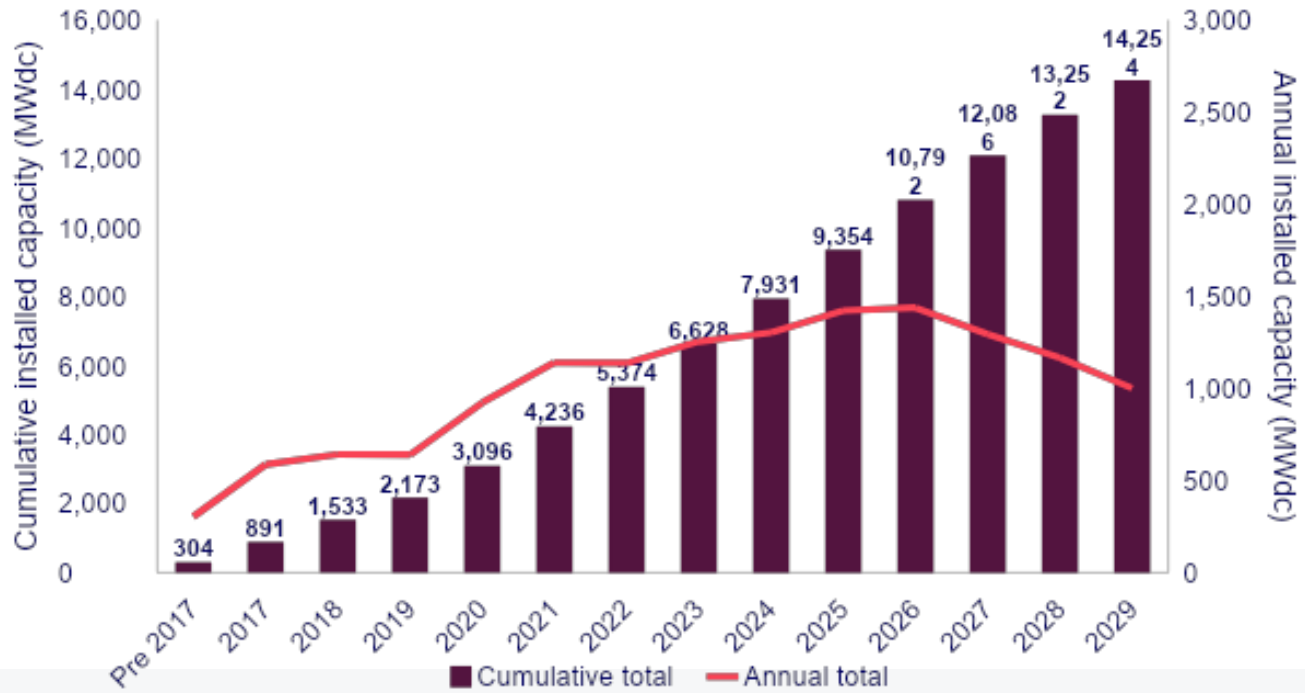


Community Solar Capacity to Date

1. At least **7.3 GW of new community solar capacity** is projected to come online in the next five years across current state markets, totalling **14.25 GW of installed capacity**.
1. Under a Bull case scenario, the **five-year outlook improves by 21%**, showcasing significant growth potential.
1. By 2029, **3.6 GW of community solar** will directly benefit low-income subscribers, expanding access and equity in clean energy.

Cumulative capacity to break 14 GWdc by 2029

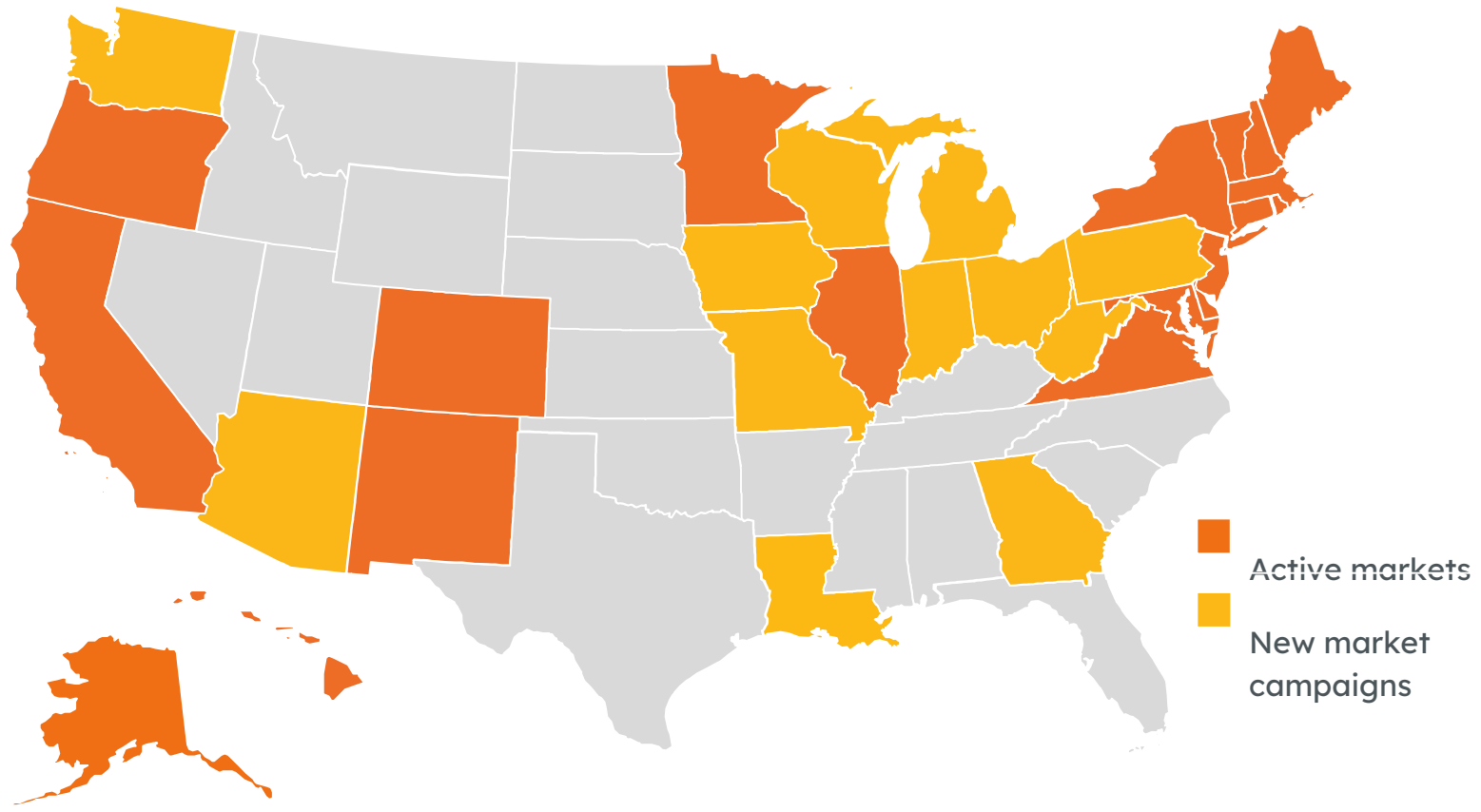
Cumulative installed community solar capacity, 2010-2029





Source: Wood Mackenzie

Federal Programs Supporting Community Solar

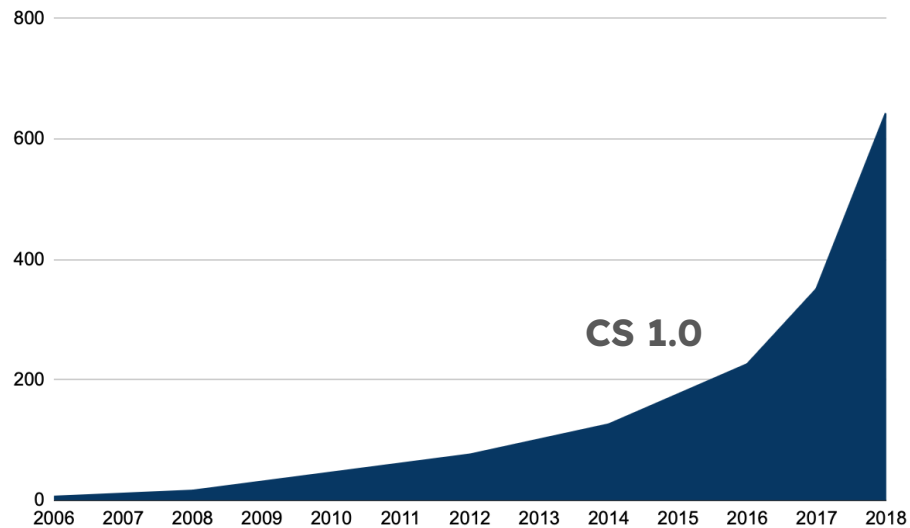
1. EPA **Solar for All** program will deploy **\$7 billion** in over **40 states** to create or expand community solar programs that support low-income solar adoption.
1. The **Low Income Communities Bonus Credit** program will **deploy 1.8 GW** of low income rooftop and community solar annual for the next decade.
1. Myriad additional federal programs to support expansion of community solar including **cost of interconnection in base ITC for projects up to 5 MW.**

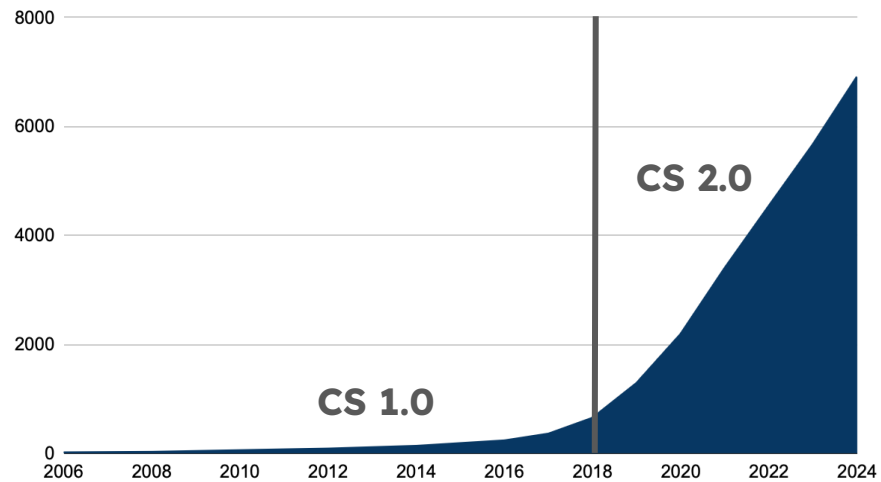


 Active markets
 New market campaigns

CS 1.0

(2006-2018)



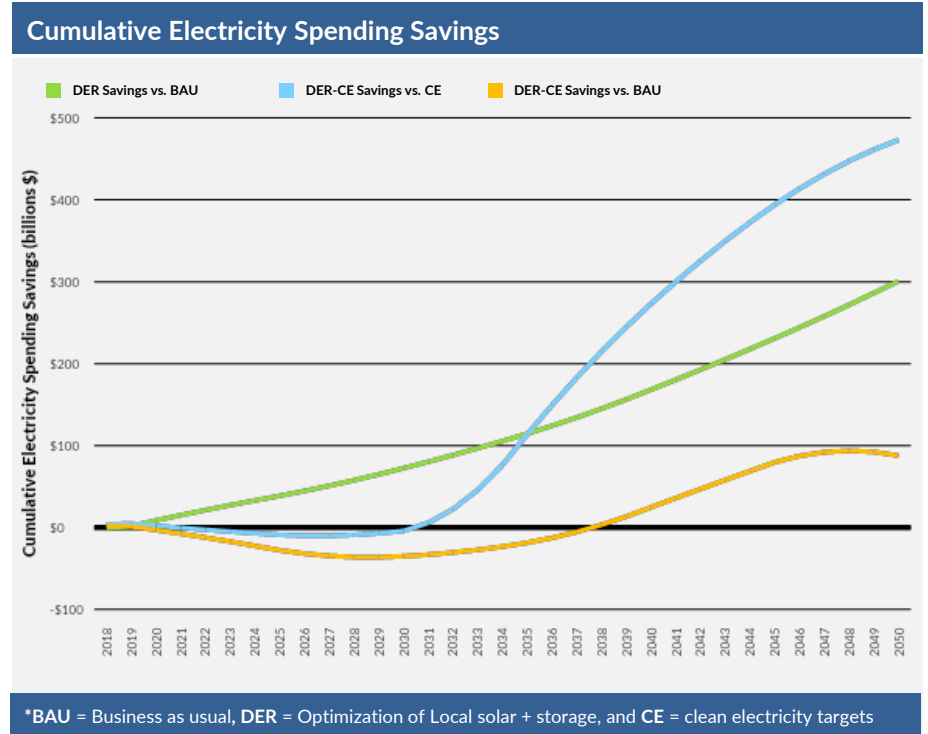


CS 2.0

(2018-2024)

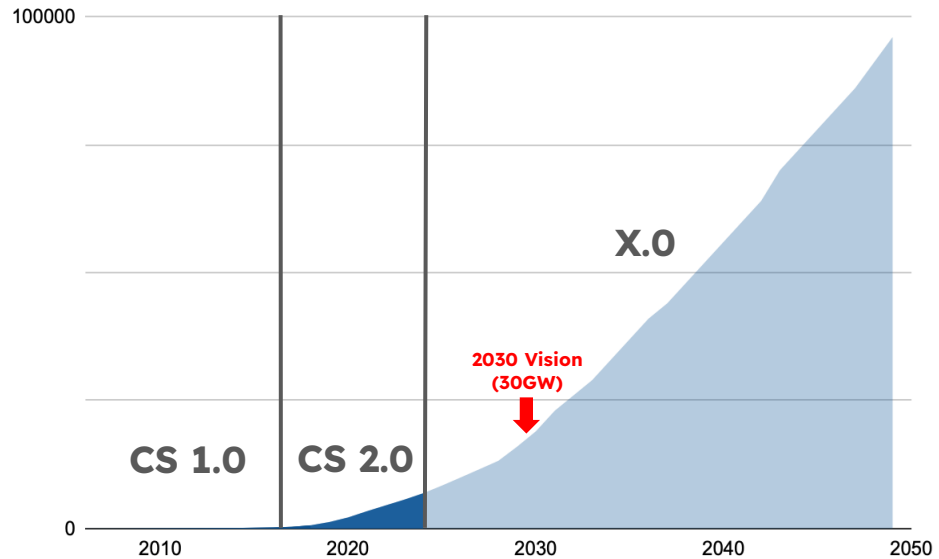
2021 Local Solar Roadmap

- + Advanced modeling from Vibrant Clean Energy found \$473 billion in system savings expanding distributed solar and storage
- + 247 GW of distributed solar and 160 GW of distributed storage by 2050 (and 160 GW of distributed solar by 2030)
- + Distributed solar + storage reduces net demand and smooths overall demand to enable access to lowest cost utility-scale generation - more utility wind and solar and less fossil firming capacity
 - 16% net peak load reduction by 2050



X.0

(2025-Beyond)



Join CCSA!

- We work with customers, utility companies, local stakeholders, and policymakers to develop and implement policies and best practices that ensure highly successful community solar programs that champion the energy customer.
- Members gain access to monthly marketing and policy reports, educational forums, workshops, Annual Summit and networking events, and opportunities to participate in issue-based and regional committees, and much more!
- **Join our coalition and help shape our shared energy future!**



<http://tinyurl.com/CCSAmember>