

Community Solar Perspectives

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for the
ASES Policy Jam
April 5, 2023





Solar Value Project

Community-Scale Solar, Storage
and Load Flexibility

*SolarValueProject.com - A repository
from Cliburn and Associates for work
on high-value solar and solar+
from the local utility perspective.*

HOME SHARED SOLAR SOLAR-PLUS BLOG ABOUT CONTACT ARCHIVES

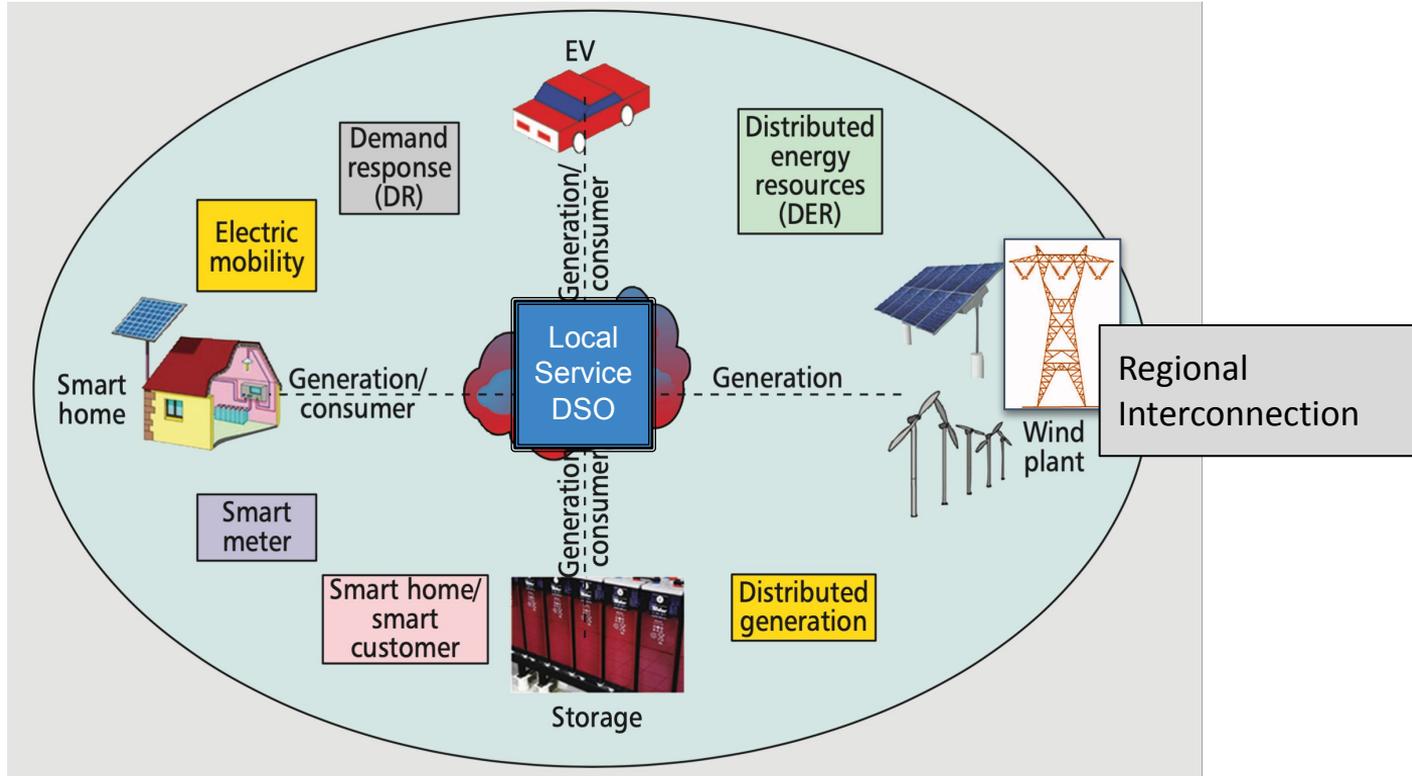
The Solar Value Project is a repository of resources for solar developers, utilities, and other stakeholders. It provides access to consulting services and expert advice.

This website is a result of our work on a multi-year U.S. DOE-funded effort called the Community Solar Value Project. Most CSVP resources remain timely and are provided under the tab for **Shared Solar Solutions**. Today, we continue to expand our efforts, supporting new projects through the **National Community Solar Partnership** as well as leading the **Solar-Plus for Electric Co-ops** project and other work at Cliburn and Associates in solar-plus, resource integration, change management, and policy. Follow our **Blog** or **reach out** for more information.



Resource variability is just one issue that solar-plus strategies can address.

Local Energy Matters



Source: On Hernandez, L. (CIEMAT)

Overall Solar Trends - All Scales

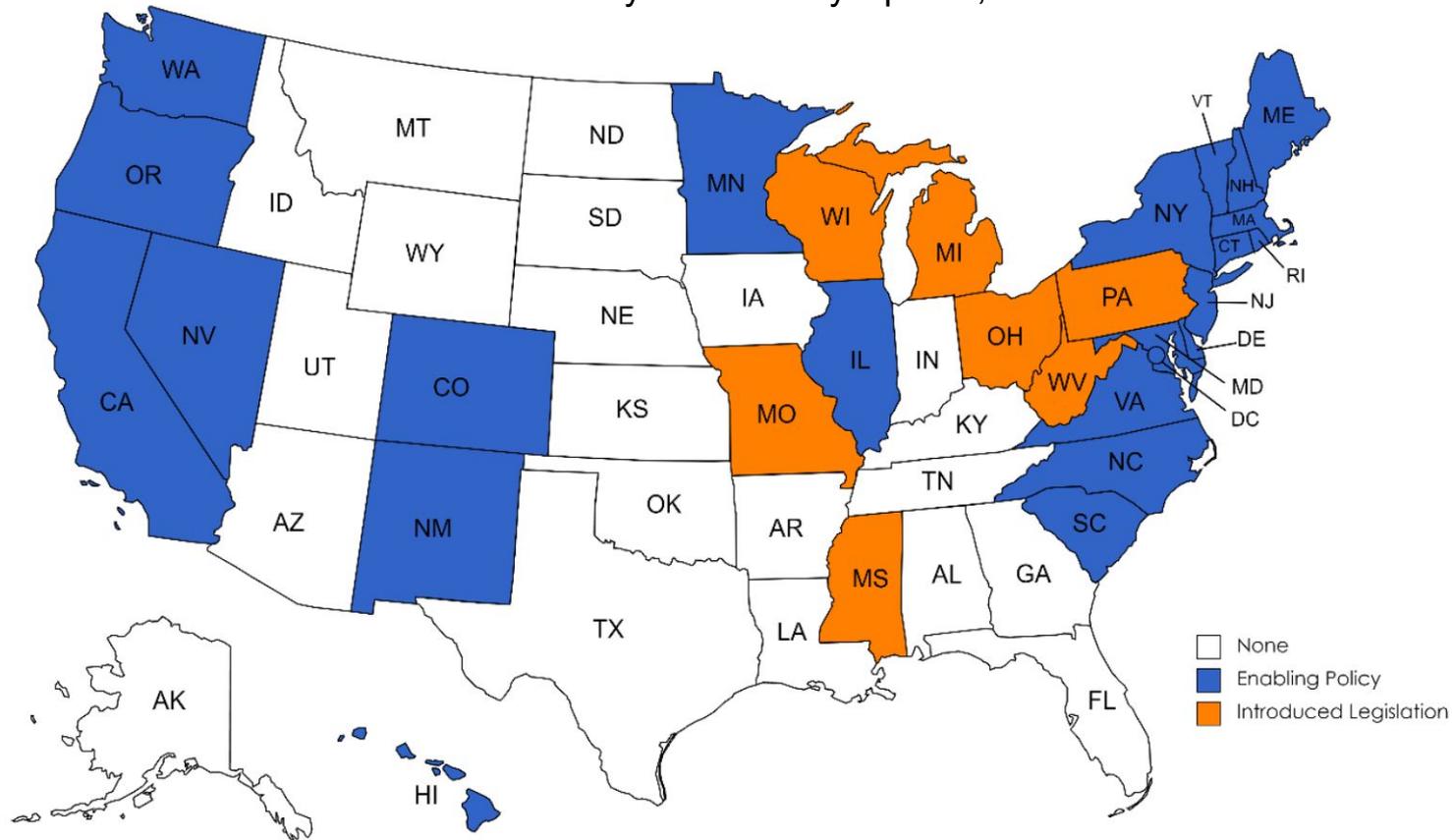
State solar PV installation rankings, 2021

State	Rank			Installations (MW _{dc})		
	2019	2020	2021	2019	2020	2021
Texas	2	2	1	1,412	3,426	6,060
California	1	1	2	3,112	3,917	3,640
Florida	3	3	3	1,367	2,827	1,660
Virginia	19	4	4	132	1,406	1,450
Georgia	6	7	5	885	593	1,203

Source: Wood Mackenzie/ISEA, March 2022

Additional distribution-level solar is vastly under-counted. Local solar is a potential contribution to national targets for 2035: 630 GW of wind and 450 GW of solar by 2035... 85 GW of new renewables/year

Community Solar Policy Update, Circa 2022



Sources: NREL and de la Mora (2022)

Vision 2030 Goal

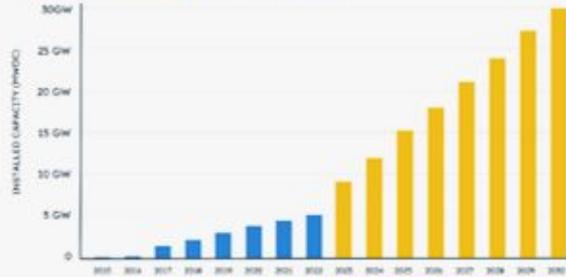


10+ million
people



30+ GW
installed

Annual community solar capacity



CCSA - A coalition of community solar businesses that has led the charge for community solar policy and targets 30 GW of community solar by 2030.

Democratizing our energy system means...



Unleashing the
free market



Leveraging
private capital



Cutting
red tape



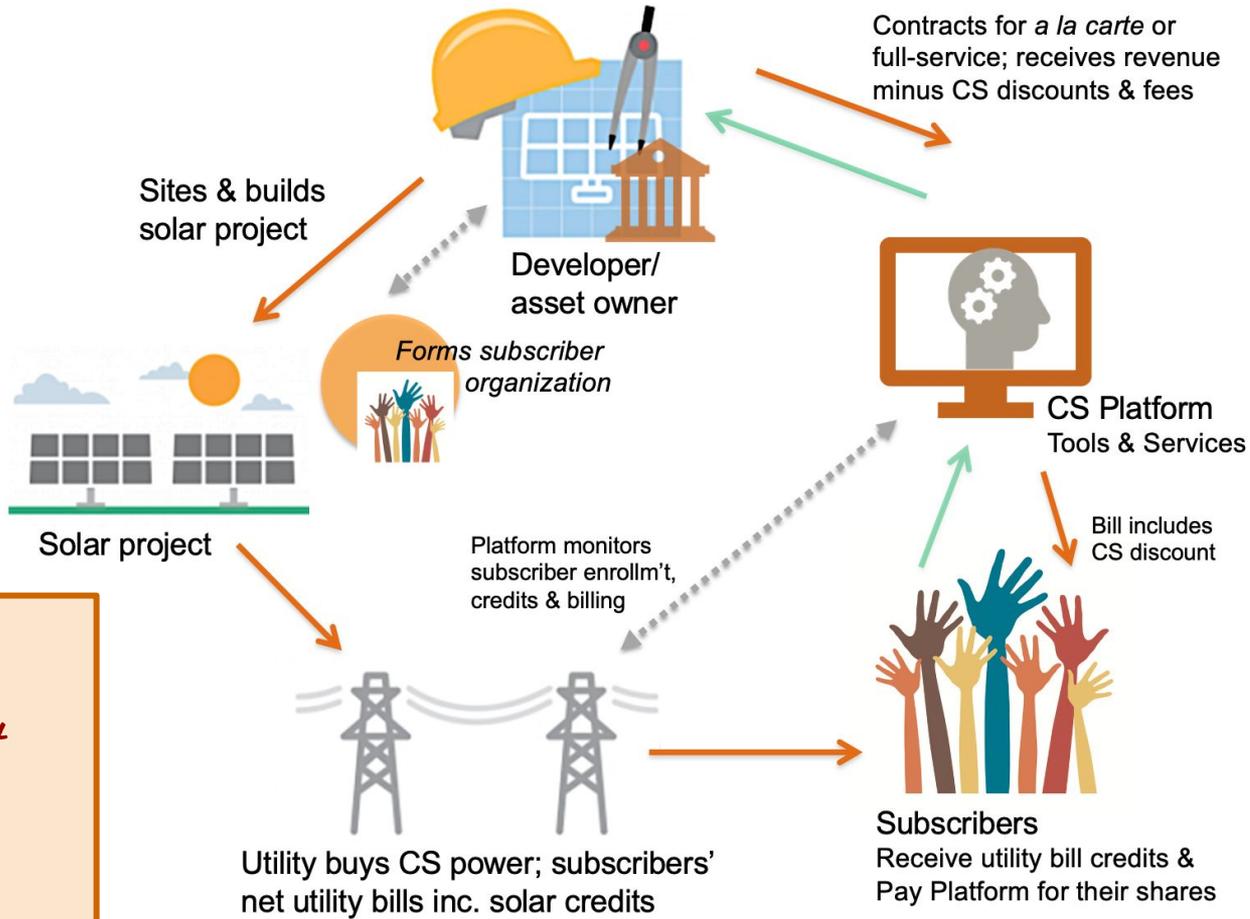
Creating equity and
access to the grid

Source: CCSA



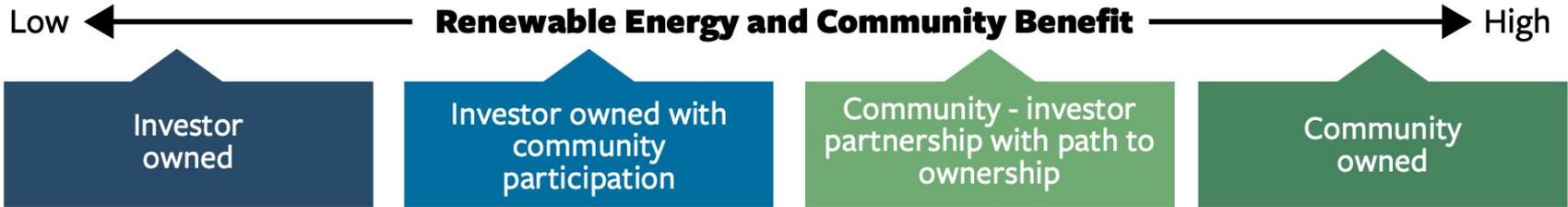
This is the industry's response to a similar challenge from NCSP, which targets both what you do and how you do it. For NCSP: communitysolar@ee.doe.gov

*Predominant Model
For CS Development
at Scale*



(Source: Cliburn 2023)

Alternative Models for Community Solar: Each with benefits and barriers for reaching full-scale targets



	Community originated	Community developed	Community managed	Community owned	Community Benefits
Investor owned	no	no	no	no	very little
Community participation	maybe	no	no	no	some
Community partnership	yes	yes	yes	within 10 years	significant
Community owned	yes	yes	yes	yes	all

Source: Environmental Law & Policy Center (2022). This report is available at elpc.org/CommunityOwnedCommunitySolarReport.