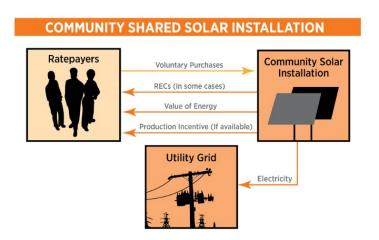


## What is community solar?

**Community solar**, also known as *shared solar* or *solar gardens*, is a distributed solar energy deployment model that allows customers to buy or lease part of a larger, offsite shared solar photovoltaic (PV) system and receive benefits of their participation.

#### Other definitions include:

- A solar power plant whose electricity is shared by more than one property
- **Community-owned** projects as well as **third party-owned** plants whose electricity is shared by a community.









Community solar facility



Subscribers

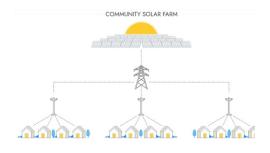


Subscribing organization

## What is community solar for Tribes and Pueblos?







Resilience

Sustainability

Benefit to all

# Criteria of Community Solar



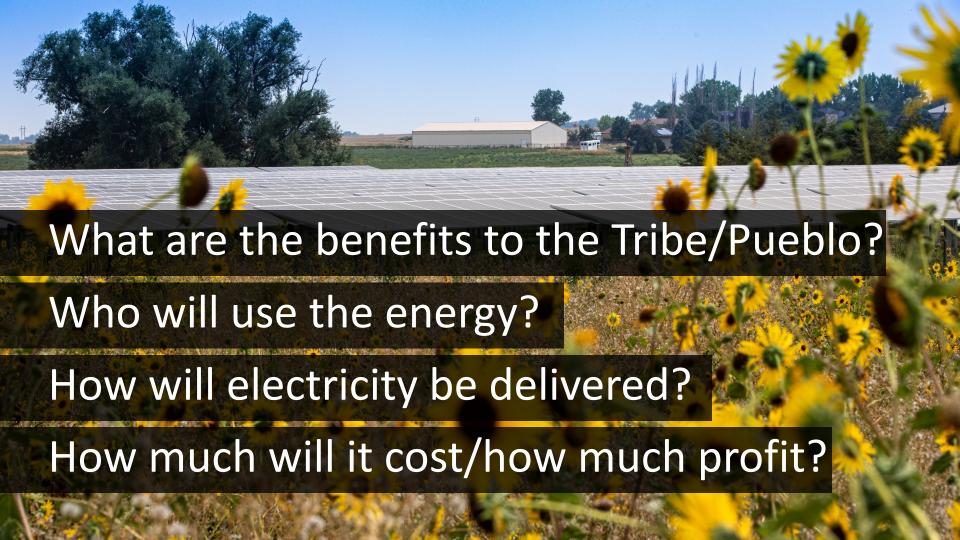
**Financial benefit:** Community solar convey some part of financial gains of electricity generation to subscribers.



**Exclusive:** Community solar serve some exclusive set of subscribers within a utility or community



**Chosen:** Participation in community solar is always discretionary, subscribers opt in





#### Offset electrical costs

Electricity rate stability and potential bill savings

#### **Economic** development

Tribal land for cost recovery, ownership of projects

#### Energy sovereignty

Independence and reliability, grid resiliency

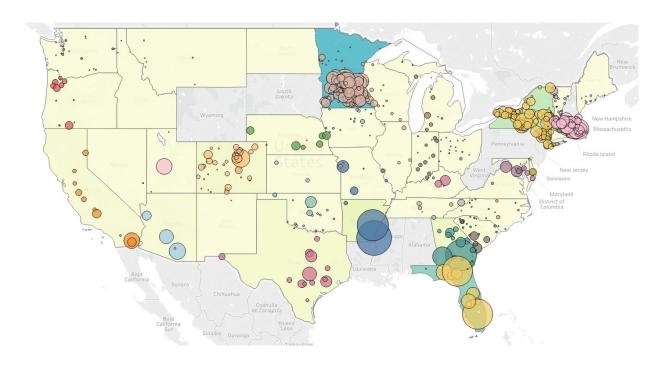
#### **Opportunity for** community members

New job opportunities for Tribal community members, provide new job skill set

#### Reduce and mitigate CC risks and promote EJ

Preserve Tribal lands and cultural practices, reduce CO<sub>2</sub> emissions, supports climate justice, gain a cleaner, healthier environment

## Community Solar Capacity by State



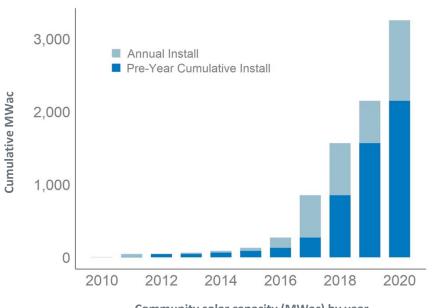
By the end of 2020, we estimated that there were at least 3,253 MW-AC of community solar capacity distributed across ~1,600 projects in 39 states and Washington, D.C.

Community solar projects in the contiguous United States

Data Source: Sharing the Sun Project List 2020

## The Rapid Growth of Community Solar

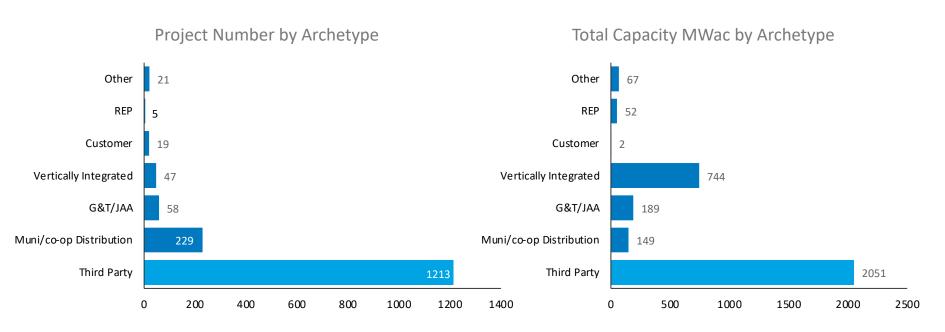
Cumulative community solar capacity has more than doubled on average year over year.



Community solar capacity (MWac) by year

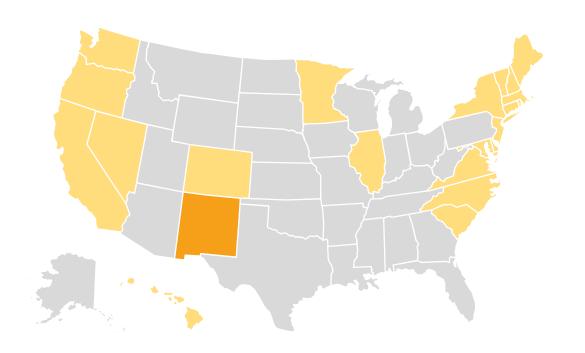
## Archetypes of Community Solar Ownership

Most capacity (64%) and projects (76%) are developed and operated by third parties





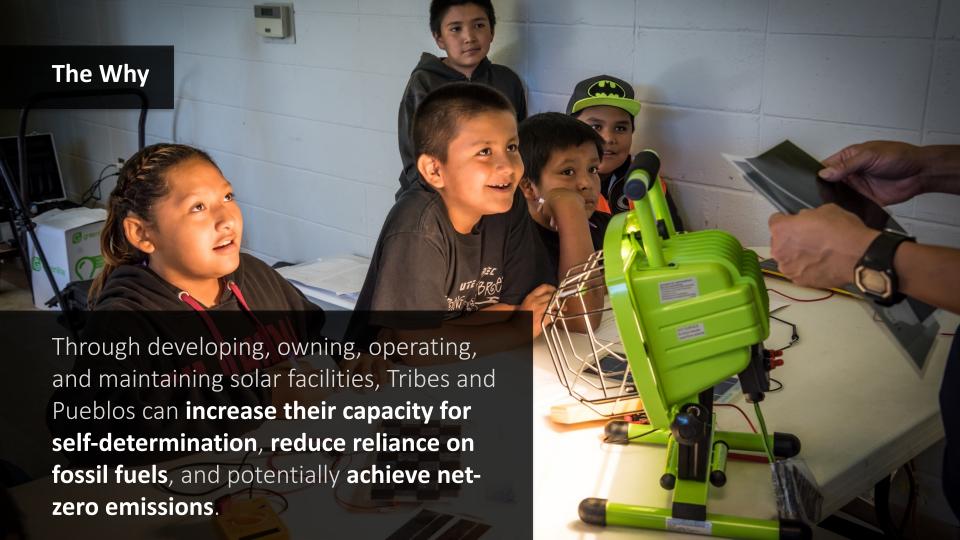
## Community Solar State Policies



- 21 states and Washington, D.C.
  have passed some form of
  legislation enabling community
  solar, either through state-required
  programs or the authorization of a
  limited number of pilot projects.
- These programs vary in scope, but they generally all allow for some form of virtual metering that enables subscribers to benefit from their community solar subscriptions

State-level community solar enabling legislation\*

<sup>\*</sup> Legislation applies to at least one utility in the state





## Thank you

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