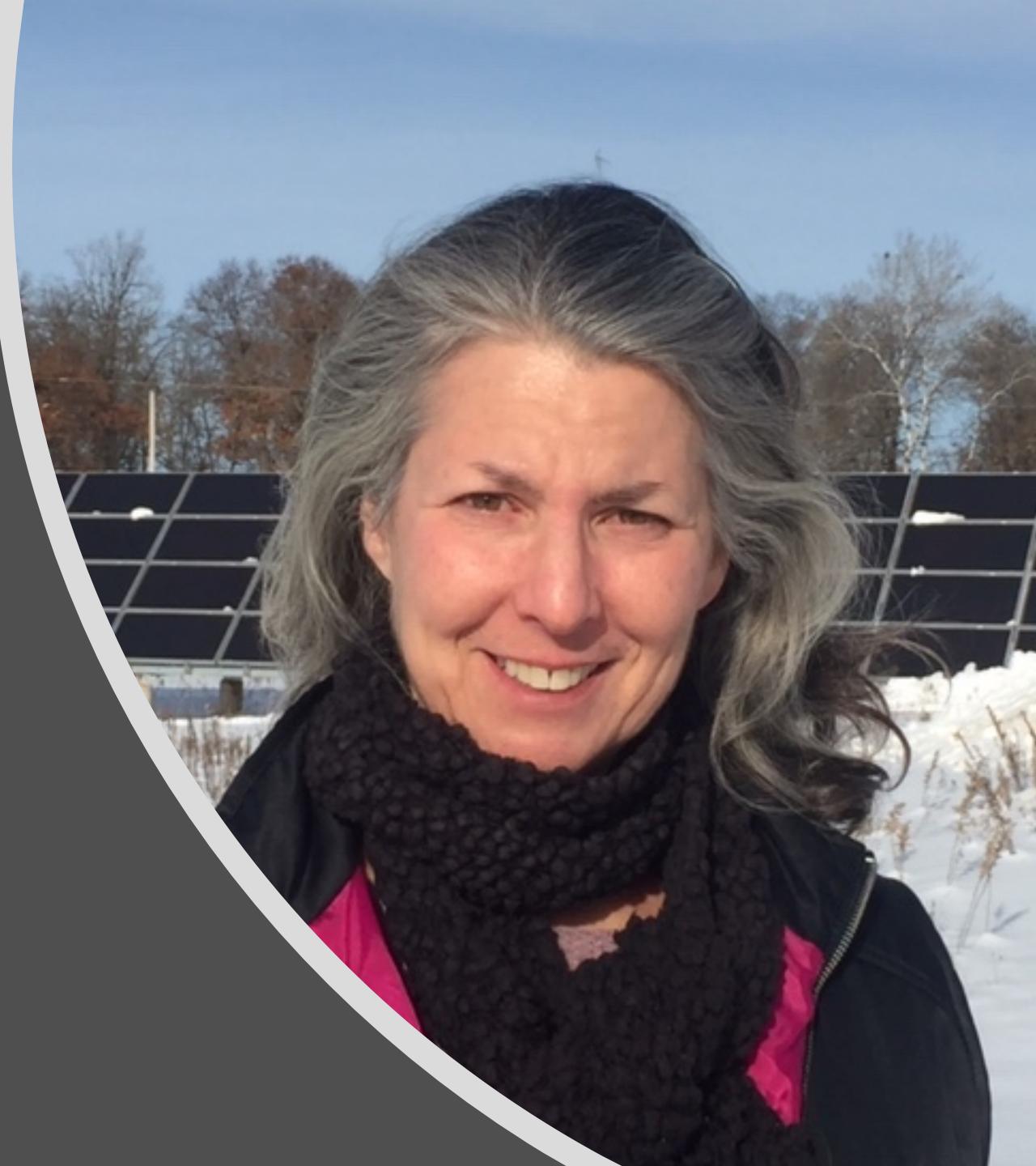


Vicki O'Day – Development Director RREAL

Vicki's early career spanned twenty years in the financial services industry where she helped people invest for their futures then later focused on development of new products and services. She's an active advocate for advancing the clean energy economy and transforming money consciousness.

At RREAL, Vicki manages the CS4CA program and works with community development leaders in creating strategies and social impact finance mechanisms to build resilient futures that mitigate energy poverty and combat climate change.



2019 ASES Conference

Community Solar for Community Action

Combating Climate Change and Changing the Face of Energy Assistance in the US



The Power to make a difference

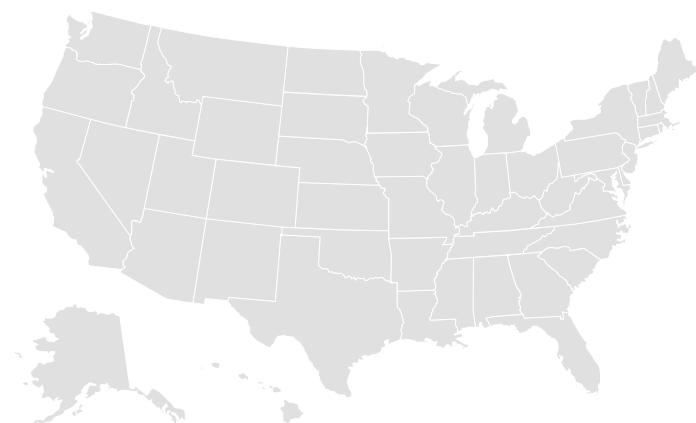


**RURAL
Renewable Energy Alliance**



MISSION

RREAL is a Minnesota-based 501c3 nonprofit with a mission is to make solar energy accessible to everyone and empower rural and low-income communities across the globe with a clean, reliable source of energy.





**Energy bills or
food?**

First Community Solar Integration into LIHEAP



- RREAL developed
- RREAL funded
- RREAL served as EPC
- 200 kW Ground Mount
- Partnership with First Nation

Solar Energy is a Fiscally Responsible Solution to Energy Poverty!

Case Study: Community Solar for Community Action Leech Lake Band Energy Assistance Program

- Community solar garden is 217.6 kW (DC)
- 100% low-income subscribers
- All subscribers LIHEAP qualified
- System owned site owners and 100% of the energy revenue is given via a trust agreement to the Leech Lake Energy Assistance Program
- Funding from state dollars and foundations
- Subscription benefits are annually transferable
- \$25,000 annual solar energy production value delivered to low-income families through LL EAP
- Investment of \$600,000 serves 78 families annually with a \$300 benefit for 25+ years
- Read the Leech Lake Case Study [here](#) www.rreal.org/cs4ca



WHY is this IMPORTANT?



NATIONAL ENERGY & UTILITY AFFORDABILITY COALITION

PROTECT LIHEAP IN 2020

Wisconsin By the Numbers

Gross LIHEAP allocation to Wisconsin in 2017 \$103,064,918 for utility payment assistance and home weatherization programs ¹	Wisconsin LIHEAP funding down 26.23% from FY10 to FY17
494,455 # of households eligible for LIHEAP in Wisconsin ²	208,629 # of low-income households that received LIHEAP in Wisconsin in 2017
Only 42.19% of the total eligible population in Wisconsin received LIHEAP in 2017	
71.58% of LIHEAP recipients in Wisconsin have at least one vulnerable member:	 elderly over 60 33.87%  disabled 38.88%  child under 6 18.86%

Federal home heating/cooling assistance saves Wisconsin lives.

NEUAC urges Congress to protect LIHEAP funding for FY20.

www.neuac.org



NATIONAL ENERGY & UTILITY AFFORDABILITY COALITION

PROTECT LIHEAP IN 2020

Minnesota By the Numbers

Gross LIHEAP allocation to Minnesota in 2017 \$114,498,307 for utility payment assistance and home weatherization programs ¹	Minnesota LIHEAP funding down 26.23% from FY10 to FY17
393,788 # of households eligible for LIHEAP in Minnesota ²	126,149 # of low-income households that received LIHEAP in Minnesota in 2017
Only 32.03% of the total eligible population in Minnesota received LIHEAP in 2017	
76.62% of LIHEAP recipients in Minnesota have at least one vulnerable member:	 elderly over 60 36.99%  disabled 41.13%  child under 6 21.45%

Federal home heating/cooling assistance saves Minnesota lives.

NEUAC urges Congress to protect LIHEAP funding for FY20.

www.neuac.org

HOW does it WORK?

Community Solar for Community Action

A NEW MODEL OF
SOLAR ENERGY ASSISTANCE



1

EMPOWER EVERY AMERICAN

Imagine a permanent and renewable solution that frees people from the grip of energy poverty, bringing vulnerable families financial security and peace of mind. Community Solar for Community Action (CS4CA) uses the Community Solar innovation to reimagine our energy assistance program as a clean and lasting solution that empowers Americans, builds community wealth, and preserves our health.

COMMUNITY
SOLAR

Community Solar is a shared solar photovoltaic (PV) system that provides electricity to participating subscribers.

2

EQUITABLE ENERGY



A Solar PV panels are installed in sunny locations to harvest renewable electricity.



B Community Action Partnerships connect people to Community Solar, ensuring a healthy and safe supply of clean power.



C People in need are credited with the electricity generated.



Westminster, Vermont

RREAL's capacity to work with diverse stakeholders is unmatched and a testament to our collaborative spirit and technical acumen.

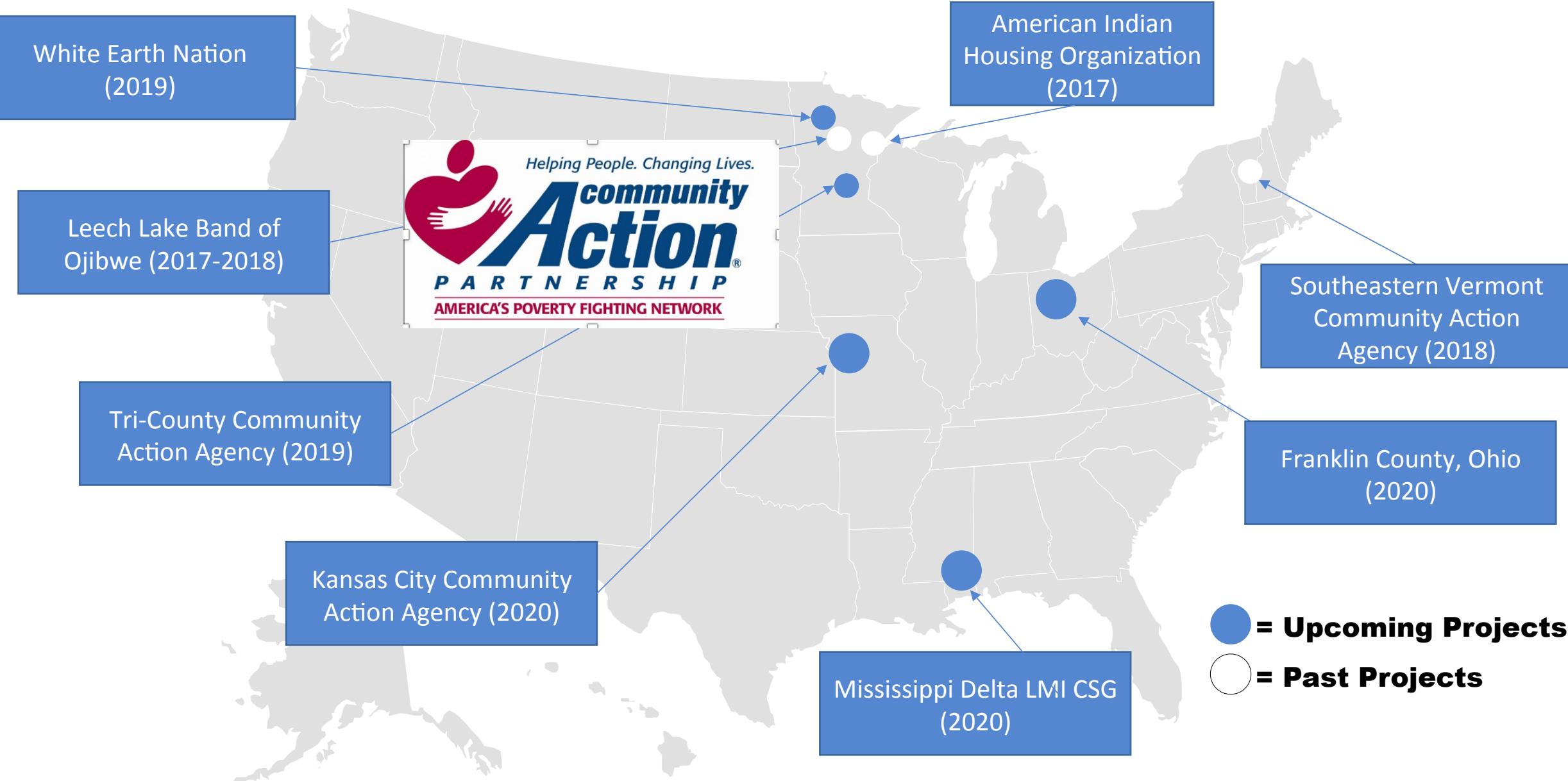
In partnership with Southeastern Vermont Community Action, RREAL developed and acted as technical advisor and financier for a ground-breaking CS4CA project where virtual net metering credits are serving as bill assistance for low-income Vermonters. We work across the nation and world!

RREAL's efforts foster success and esprit de corps.

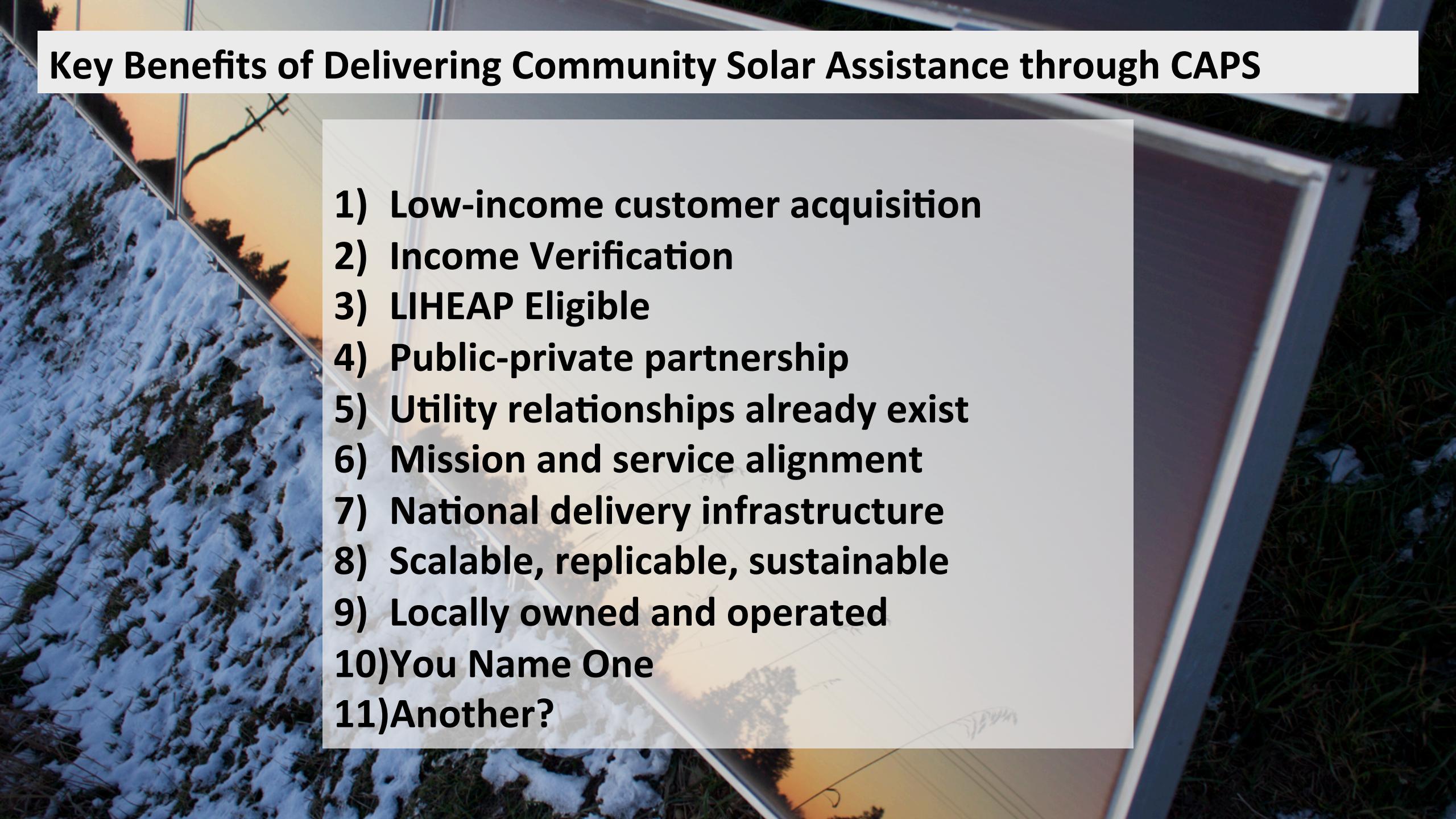


Nation Scaling of our Community Solar for Community Action Program

Community Solar for Community Action: A Nationally Scalable Model



Key Benefits of Delivering Community Solar Assistance through CAPS



- 1) Low-income customer acquisition
- 2) Income Verification
- 3) LIHEAP Eligible
- 4) Public-private partnership
- 5) Utility relationships already exist
- 6) Mission and service alignment
- 7) National delivery infrastructure
- 8) Scalable, replicable, sustainable
- 9) Locally owned and operated
- 10) You Name One
- 11) Another?

WHAT about
FUNDING?

Community Solar for Community Action: A New National Model of Solar Energy Assistance



SIPPRA

The Social Impact Partnership to Pay for Results Act (SIPPRA) was signed into law on February 9, 2018 and is intended to improve the effectiveness of certain social services. The federal government will pay for a project only if predetermined project outcomes have been met and validated by an independent evaluator, a system called a “pay for results partnership.” Congress appropriated \$100 million for the SIPPRA program to implement “Social Impact Partnership Demonstration Projects” and feasibility studies to prepare for those projects. The SIPPRA program is largely administered by the Department of the Treasury (Treasury).

Pay for Success

How it works?



Opportunity Zone Tax Program

Taxpayers get
federal tax
benefits



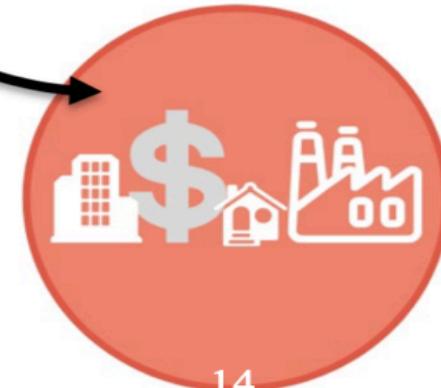
*For making timely
investments in*

Qualified
Opportunity
Zone Funds



*Which invest its
funds in*

Qualified
Opportunity Zone
Property or Business



THANK YOU!



Thank you for your consideration and interest.
RREAL invites Community Action Partners across the United States to join us in delivering this innovative Solar Assistance model in your community.
For additional information, please contact me,
Vicki O'Day * vicki@rreal.org * 952-239-6198

**Rural Renewable Energy Alliance
P.O. Box 89, Pine River, MN 56474**

www.rreal.org/cs4ca