

# Rural cooperative solar power generation



## Overview

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Rural electric cooperatives are leading innovators in solar power generation — today's fastest growing clean energy sector. This document is not intended to be holistic, but rather introduces some of the overall basic concepts in solar energy development and provides information on how solar energy is and may. Rural electric cooperatives (co-ops) are a large and important part of the U. Altogether co-ops provide 12 percent of the nation's. With a \$1 billion budget authority and the capacity to loan out up to \$2. In 2014, the National Rural Electric Cooperative Association (NRECA) launched the Solar Utility Network Deployment Acceleration (SUNDA) project in collaboration with several electric co-ops to demonstrate the potential for solar electricity generation in rural. From state-of-the-art power plants and transmission lines, to long-duration battery storage and microgrid systems, to the use of innovative technology to prevent outages and hasten recovery after storms, electric co-ops are delivering more reliable services to consumers while making our electric.

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### [A Solar Revolution in Rural America](#)

Four years after the launch of the SUNDA project, the electric cooperative solar landscape is dramatically transformed.

### Energy Innovation

Seminole Electric Cooperative: This Florida co-op--which already operates its Cooperative Solar facility--is working with Florida Renewable Partners to build new solar generating ...



### [BEST PRACTICE SOLAR POLICIES FOR RURAL ELECTRIC ...](#)

Solar United Neighbors encourages rural electric cooperatives to adopt policies and programs that support their member-owners' access to affordable rooftop solar, community solar, battery storage, ...



### Rural Solar Champions

Rural electric cooperatives are leading innovators in solar power generation -- today's fastest growing clean energy sector. By highlighting cooperative leaders, we provide inspirational and educational ...



### [New ERA Project Announcements](#)

"With the USDA's support, the New ERA Program has created a once-in-a generation opportunity, allowing AEPCO and its cooperative and public power members to invest in renewable energy ...



### [Success Story--Working with Co-ops to Increase Community Solar ...](#)

The NRECA ACCESS project researched how to make solar energy affordable for low-and moderate-income (LMI) communities. Through this project, a toolkit was developed to assist ...



### [Why Rural Electric Cooperatives Are Opting for Community-Scale Solar](#)

Earlier this month, Shine issued an open request for proposals that aggregates demand for community-scale solar from two rural electric cooperatives in Northern New Mexico. Shine ...



### [16 Rural Electric Cooperatives Will Leverage \\$7.3 Billion in Federal](#)

As a result of these projects, renewable capacity supply for rural co-ops will increase by 35 percent from 26 to nearly 35 gigawatts, with wind and solar capacity rising by more than 60 percent from 14 ...



### [Cooperative and Community Opportunities in Solar Energy](#)

This section describes the benefits of solar power and group action, solar energy production methods, and government involvement that have all helped greater adoption of solar ...

### [Powering Affordable Clean Energy in Rural Areas: Showcasing](#)

These cooperatives recognize the value of shifting away from fossil fuels and integrating clean, renewable energy sources such as solar power paired with batteries into their grids.



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