

Rural solar power generation projects



Overview

On February 27, 2024, OCED announced \$366 million in ERA awards to 17 community-driven projects across 20 states and 30 tribal nations to help rural communities accelerate their clean energy transition by deploying solar-power microgrids, hydropower, and batteries.

Rural solar power generation projects



Energy Programs , Rural Development

Our programs offer funding to complete energy audits, provide energy development assistance, make energy efficiency improvements and install energy systems. USDA Rural Development is at the

[Rural Energy for America Program Renewable Energy Systems](#)

The program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements.



Santa Ana, California

Santa Ana, California detailed profile Mean prices in 2024: all housing units: \$736,416; detached houses: \$883,286; townhouses or other attached units: \$569,037; in 2-unit structures: \$523,546; in 3

Rural Hall, North Carolina

Rural Hall, North Carolina add your Submit your own pictures of this town and show them to the world See promotion details and to upload your Rural Hall, North Carolina photos



[Rural Valley, Pennsylvania \(PA 16249\) profile: population, maps, real](#)



[Lockport, Illinois \(IL 60441\) profile: population, maps, real estate](#)

Lockport, Illinois detailed profile Mean prices in 2024: all housing units: \$331,773; detached houses: \$352,486; townhouses or other attached units: \$258,618; in 2-unit structures: \$336,770; in 3-to-4-unit

Tornado activity: Rural Valley-area historical tornado activity is near Pennsylvania state average. It is 21% smaller than the overall U.S. average. On 1980-06-03, a category F4 (max. wind speeds 207



Chula Vista, California

Chula Vista, California detailed profile Mean prices in 2024: all housing units: \$849,884; detached houses: \$962,254; townhouses or other attached units: \$628,419; in 2-unit structures: \$433,119; in 3

Pompano Beach, Florida

Pompano Beach, Florida detailed profile Mean prices in 2024: all housing units: \$506,336; detached houses: \$622,089; townhouses or other attached units: \$484,794; in 2-unit structures: \$481,717; in 3



USDA & DOE Solar Energy and Farming Initiatives

The U.S. Department of Agriculture (USDA) and U.S. Department of Energy (DOE) are working together to support farmers and rural communities make informed decisions about renewable energy.

Agrivoltaics: Solar Farming for a Greener Future

We're exploring how Agrivoltaics can help us facilitate the beneficial adoption of renewable energy, save water, and create a sustainable long-term food system. What is Agrivoltaics?



Solar energy implementation in rural communities and its contributions

Findings demonstrate that solar energy systems enable economic empowerment, job creation, improved healthcare, and enhanced educational opportunities in rural areas. The review

USDA REAP Program for Rural Solar Projects Guide

Learn how the USDA REAP program for rural solar projects supports funding for renewable energy. Get application tips and support options



[Kentucky Very Small Towns and Villages \(fewer than 1000 residents\)](#)

Map of Radon Zones in Kentucky based on Environmental Protection Agency (EPA) data
More Kentucky directories: Cities in Kentucky with more than 6000 residents
Cities, towns, and villages in

Chesterfield County, Virginia detailed profile

Chesterfield County, Virginia (VA) County population in 2024: 389,793 (92% urban, 8% rural); it was 259,903 in 2000
County owner-occupied with a mortgage or a loan houses and condos in 2020:





[Three Microgrid Projects in Rural Areas Showcase New DOE Program](#)

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[Solar Energy Expansion in Rural Communities . Focus](#)

DOE expects 90% of projected solar development to be from utility-scale projects in rural communities.



Power Plant Listing

Following is a list of Power Plants Listed in alphabetical order. Please use the filters on sidebar to refine the list based on technology used by the power plant and

[Harvesting the Sun-Twice: Agrivoltaics and Rural Land](#)

Among the agrivoltaics projects nationwide, the majority integrate solar production with habitat activities (pollinators, for examples), while the



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