

Rural co-construction of solar power generation projects



Overview

These investments in 16 cooperatives, benefitting roughly 20% of rural residents across 23 states, promise to revolutionize rural America's energy landscape with 10,000 MW of clean power, including investments in wind, solar, agrivoltaics, and battery storage. The Empowering Rural America (New ERA) program is helping rural Americans new clean, affordable, and reliable energy while reducing air and water pollution, New ERA funding improves health outcomes and lowers energy costs for people in rural communities. 7 billion New ERA program funding. Projects represent historic investments of \$29 billion in clean energy that will benefit 1 in 5 rural Americans The first wave of 16 rural electric cooperatives (co-ops) selected to receive the USDA's Empowering Rural America (New ERA) funding plan to leverage their awards to deploy carbon-free. Alternative energy sources such as wind, geothermal, hydro and solar have grown increasingly popular as ways to reduce greenhouse gas emissions and strengthen the grid by decentralizing power production. Solar energy, which converts energy from the sun into thermal or electrical power, is rapidly. 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 electric co-ops and the broader industry deploy equitable solar projects. Anza Electric Cooperative's first solar array and. Today, we're excited to share that the first round of New ERA projects with a total investment of \$29 billion has been announced with \$7. 3 billion in federal support for Rural Electric Cooperatives (RECs).

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[Rural Power Co-Ops Gain \\$4.37B in Late-Stage US Clean Energy ...](#)

San Miguel Electric Cooperative Inc., in Atascosa County, Texas, will use its \$1.4-billion award to convert its 400-MW lignite coal plant into an estimated 600-MW solar energy and battery

[Solar Energy Initiatives in Rural Communities](#)

Solar energy initiatives have become increasingly important in rural communities as a means of ensuring access to clean and sustainable energy sources. This article explores the ...



[Expanding Solar Power In Rural & Working-Class Communities](#)

What are some examples of locally generated, accessible energy solutions? Reactivate has a portfolio of community solar projects across Illinois and New York that completed construction in

[USDA Announces Another Round of Historic Investments to Increase ...](#)

Seminole Electric Cooperative, Inc. will use a more than \$1.3 billion investment to procure 700 megawatts of energy resources through a combination of utility-scale solar and battery ...



[How \\$7.3B will help rural co-ops build clean power--and close coal...](#)

Generation and transmission cooperatives serving member co-ops in Arizona, Colorado, Florida, Minnesota, Wisconsin, and other neighboring states have plans to build and contract for far ...



[Solar Energy Expansion and its Impacts on Rural Communities](#)

Agrivoltaics is the co-location of agricultural production and solar energy generation on the same land. At the moment, these projects often consist of sheep grazing, but research is being done ...



[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 ...



[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 ...



[RPC Celebrates \\$29 Billion in Clean Energy Investments in Wind, ...](#)

These investments in 16 cooperatives, benefitting roughly 20% of rural residents across 23 states, promise to revolutionize rural America's energy landscape with 10,000 MW of clean power, ...

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

The clear winner in terms of technology was utility-scale solar, however an encouraging number of co-ops will also be investing in utility-scale battery storage systems, demand-side resources, and ...



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