



The latest list of microgrid pilot 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. The Office of Electricity announces 14 projects selected through the Community Microgrid Assistance Partnership (C-MAP) to advance microgrid innovations to bring energy reliability and affordability to remote areas. They also prove significant for the industries or sectors they serve. Bronzeville neighborhood of Chicago. While the list is not meant to be exhaustive — as microgrids are being deployed with increasing frequency — it provides a sampling of microgrids around the country. According to the DOE, the funding will help cover expenses for engineering, designing, and maintaining microgrid systems that deliver energy to rural homes, industries. The Transactive Neighborhood Renewable Microgrid Pilot Project aims to create an innovative, multi-customer microgrid demonstration project within the District of Columbia. This pilot project, recommended by the PowerPath DC Pilot Projects Governance Board, seeks to modernize the District's energy. NLR has been involved in the modeling, development, testing, and deployment of microgrids since 2001. A microgrid is a group of interconnected loads and distributed energy resources that acts as a single controllable entity with respect to the grid.



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

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Here is a rundown of eight microgrid projects operational and in focus this year. We're not saying these are the only or most important microgrid efforts, but we are saying they cover most situations and ...



[U.S. Department of Energy Announces \\$8M for Microgrid Innovation](#)

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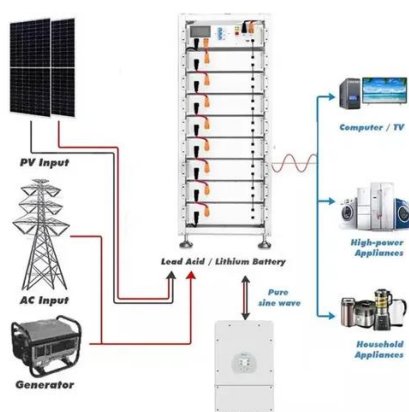
[Transactive Neighborhood Renewable Microgrid Pilot Project](#)

The Transactive Neighborhood Renewable Microgrid Pilot Project aims to create an innovative, multi-customer microgrid demonstration project within the District of Columbia.



SUMMARY OF MICROGRID ACTIVITIES IN THE USA

During the past six years, 21 states have proposed and enacted 53 microgrid-related bills largely for grid reliability and resilience. These often arise following an extreme weather event or ...



[DOE Funding 14 Projects to Advance Microgrid Innovation](#)

The U.S. Department of Energy's Office of Electricity announced about \$8 million for 14 projects advancing microgrid innovation.



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Discover the key trends transforming microgrids and demand-side flexibility programs, from battery storage to virtual power plants.



pilot projects - Microgrid Systems



Lab

After an extensive design and development process, the "educational microgrid" at Santa Fe Community College (SFCC) - also known as the "greenhouse microgrid" and the "nanogrid" - was tested, ...



[US Microgrids , Microgrids Across the United States](#)

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Microgrids , Grid Modernization , NLR

The work began in 2008 as a project to install a high-efficiency, 100% renewable energy-powered, single-building microgrid. Since then, the project has expanded into an installation-wide ...



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