



# Microgrid projects today

How many microgrid projects to watch in 2022?

2022 looks to be a big year for microgrid progress and innovation. Here is the Microgrid Knowledge list of 22 microgrid projects to watch in 2022. Last year one of the most read articles on Microgrid Knowledge was "21 Intriguing Microgrid Projects to Watch in 2021," so this year we're offering up a new list for 2022.

Why did we choose a microgrid project?

The microgrid industry has been busy -- there was no shortage of projects to choose from. In fact, our initial list netted twice what we needed. Since it's 2022 not 2044, we had to do some serious culling. We chose these projects for their innovation, ability to serve as models and demonstration of microgrid benefits.

What is microgrid funding?

This funding will bring replicable microgrid solutions to underserved and Indigenous communities in remote, rural, and islanded regions throughout the United States. Programs like this aim to ensure low-cost, clean energy is available to support and improve the lives of every American.

What is the microgrid industry looking for?

The microgrid industry is on a quest to find clean fuels that offer reliability-- or ways to navigate renewable energy's intermittency.

How does a microgrid work?

Not the basics. A microgrid is still at its core a self-sufficient energy system that serves a discrete geographic footprint and uses one or more distributed energy resources. If it's connected to the central grid, it can disconnect during a power outage and reconnect when the grid comes back up.

What is an example of a community microgrid project?

For example, New York has established a \$40 million grant program to create community microgrid projects. New Jersey created a \$200 million resilience bank for the development of distributed energy resources.

Many experts are turning to microgrids -- small-scale, self-sustaining power networks unburdened by ties to a centralized power plant-- as key agents of this transformation. Microgrids provide everything from greater reliability and ...

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