



Free access to the power grid for small and micro enterprises

As billions of individuals lack electricity worldwide, micro-renewables such as small turbines and rooftop solar are powering a silent revolution. Not only are these miniature power plants ...

Between the cost of various energy-related technologies coming down and a suite of federal funding opportunities, public power utilities serving smaller communities are exploring and ...

Microgrids are small-scale, self-contained power grids designed to supply electricity to a specific local area, such as a neighborhood, campus, or industrial site.

Here, renewable energy systems -- like minigrids, stand-alone, and off-grid systems -- play a key role. They generate and distribute energy independently, making them a great option for areas with little to ...

Located across 24 sites in remote areas of Bayfield County, these microgrid projects will help 28 rural communities install clean energy, lower energy bills, reduce carbon emissions, and ...

Microgrids provide a solution to electrical grid disruptions, such as severe weather events, via localized grids that can operate while connected to the traditional grid or "islanded," as in the ...

They provide a small-scale power generation system utilizing multiple energy sources to supply a specific location or facility with power. Our microgrids are designed to be self-sufficient and self ...

What is a community microgrid? Microgrids are small-scale, decentralized, self-sufficient power systems that generate and store their own power from distributed sources, such as solar, ...

Microgrids can help deploy more zero-emissions energy sources, make use of waste heat, reduce energy lost through transmission lines, help manage power supply and demand, and improve ...

Imagine planning for vaccine distribution without reliable electricity to power a freezer or delivering a baby by kerosene lamp. We work with partners to bring solar power to remote clinics, elevating local ...



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