

## PEES Power Systems

# Microgrid Project Exchange



## Overview

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The Community Microgrid Innovation Exchange (C-MIX) is a forum to publish and share knowledge relevant to or generated by C-MAP. Department of Energy (DOE) Office of Electricity (OE) helps communities. Hughes, Alaska, is in the land of the midnight sun. In midsummer, Hughes sees 24-hour daylight as the sun circles the sky without setting. This Koyukon Athabascan village is harvesting sunlight for electricity via a solar photovoltaic (PV) array and battery system, backed by diesel generators, to. This coalition of rural electric cooperatives seeks to develop resilient, reliable and economically beneficial microgrid and storage projects for their communities. 2 trillion Infrastructure Investment and Jobs Act (IIJA), signed into law in November 2021, is a \$1 billion allocation for the Energy Improvements in Rural or Remote Areas (ERA) program. Darnell Howard Looking for Something?

Microgrids are small, advanced electric grids with features that make.

## Microgrid Project Exchange

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### Community Microgrid Assistance Partnership

The Community Microgrid Innovation Exchange (C-MIX) is a forum to publish and share knowledge relevant to or generated by C-MAP. Any communities interested in microgrids, vendors, energy ...

### Microgrids , Project Regeneration

Report on challenges and solutions for microgrid adoption. Journalists and media outlets can report on barriers to adoption, elevate solutions to remove them, and amplify success stories that show ...



### Community microgrids

PG& E offers two programs, CMEP and MIP, that work together to fund all aspects of a community microgrid. They support the development of clean community microgrids in disadvantaged and ...

## Community Microgrid Assistance Partnership

C-MIX brings together individuals and organizations to exchange, compile, and share microgrid knowledge. Under the exchange, communities that face similar challenges or conditions can share ...



 **Efficient Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Oversizing
- Max. PV Input Current 15A, Compatible with High Power Modules

 **Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 30ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

## Kickstart Your Federal Microgrid Project: Financing Opportunities ...

A microgrid is defined by the DOE Microgrid Exchange Group as a group of interconnected loads and DERs within clearly defined electrical boundaries that acts as a single controllable entity with respect ...

## Three Microgrid Projects in Rural Areas Showcase New DOE Program

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 ...

### OEM service

Hot Colors:



Color can be customized  
more questions just do not hesitate to contact us

LOGO Position: (Screen printing)



## Community Microgrid Assistance Partnership , State,

12V 10AH



## Local, and Tribal

The partnership connects communities seeking technical support with organizations that assist in the development of microgrid systems--fostering solutions that improve resilience, reduce ...

## Microgrid Consortium

This coalition of rural electric cooperatives seeks to develop resilient, reliable and economically beneficial microgrid and storage projects for their communities.



## Technical Assistance Supports Microgrids in Remote ...

C-MAP provides easy-to-access funding to plan or improve microgrid systems and offers wraparound services to help participants succeed.



## Microgrid Projects

Here you'll find news and features about the various kinds of microgrids: commercial, remote, military, campus, data center, community, industrial,

residential, critical infrastructure and utility microgrids.



## Microgrid Consortium

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## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://peregrine-energy.co.za>

