



# Community microgrid enablement program Germany

Does your community need a microgrid enablement program?

If your community needs critical facility energy resilience for extreme weather, Public Safety Power Shutoff events, or other events, PG&E's Community Microgrid Enablement Program can help.

What is the community microgrid initiative?

The Community Microgrid Initiative is designed to achieve Community Microgrid demonstration projects that prove that local renewables connected to the distribution grid can provide at least 25% of the total electric energy consumed while maintaining grid reliability and power quality.

Does a community microgrid need utility cooperation?

Deploying a true Community Microgrid requires utility cooperation, which has been slow to come. The Redwood Coast Airport Microgrid (RCAM), being staged in Northern California in partnership with Pacific Gas & Electric (PG&E), provides an example of what can be done with utility cooperation.

Who should be involved in a community microgrid initiative?

For a Community Microgrid Initiative to be successful, all key community stakeholders must be aligned. These key stakeholders include property owners, residents, philanthropic funders, financiers, solution providers, utilities, policymakers, and municipalities.

Are there any Community Microgrids in California?

While deploying a true Community Microgrid requires utility cooperation, standalone microgrids are becoming more common around California and the US. In addition to the Clean Coalition's projects detailed here, we have compiled a list of some of the microgrids around the country, including in California.

How can a more resilient power system improve grid reliability & security?

A more resilient power system: Cost-effectively enhance grid reliability and security, as well as power quality, through diversified energy portfolio and local balancing of energy supply and demand -- and provide indefinite, renewables-driven backup power to critical facilities.

The purpose of this Community Microgrid Technical Best Practices Guide (Guide) is to provide information to help development teams understand the key technical concepts and approved means and methods for deploying multi-customer Community Microgrids (MGs) on Pacific Gas & Electric's (PG&E) electric distribution grid.

If your community is seeking energy resilience for extreme weather, Public Safety Power Shutoff events or other outages, PG&E's community microgrid programs can help. Through financial and technical support, the Community Microgrid ...



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What is the Community Microgrid Enablement Program? CMEP has roots in the 2018 state law SB 1339, which directed the CPUC to reduce barriers for commercial microgrid development by developing standards, tariffs, and other microgrid-related protocols. Early last year, the CPUC required the three California IOUs to accelerate the development of ...

PG& E has developed a comprehensive process that includes a Community Microgrid Enablement Tariff, Microgrid Operating Agreement, Microgrid Islanding Study, Community Microgrid Enablement Program, Microgrid Incentive Program, Community Microgrid Technical Best Practices Guide, dedicated microgrid staff, and more.

Pacific Gas and Electric Company (PG& E) launched its Community Microgrid Enablement Program (CMEP) to help communities identify, design and build permanent, multi-customer microgrids serving critical facilities and vulnerable customer groups. A microgrid is an electric system that can operate independently from the central energy grid.

The Community Microgrid Initiative is designed to achieve Community Microgrid demonstration projects that prove that local renewables connected to the distribution grid can provide at least 25% of the total electric energy consumed while maintaining grid reliability and power quality.

PG& E's CMEP website also includes the Community Microgrid Enablement Program - Resilience Planning Guide to help local and tribal governments navigate the relevant processes for developing a community resilience project; and the Community Microgrid Best Practices Technical Guide to provide information to help development teams understand the ...

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If your community is seeking energy resilience for extreme weather, Public Safety Power Shutoff events or other outages, PG& E's community microgrid programs can help. Through financial and technical support, the Community Microgrid Enablement Program (CMEP) and Microgrid Incentive Program (MIP) can help you take your community's energy ...

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energy grid.

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