

Does the State Grid have microgrids now



Overview

The California Public Utilities Commission (CPUC) issued its Decision Adopting Implementation Rules for Multi-Property Microgrid Tariffs and Other Matters on November 18, 2024, [1] closing the final chapter of a years-long rulemaking [2] (the Microgrids Proceeding) that many say . The California Public Utilities Commission (CPUC) issued its Decision Adopting Implementation Rules for Multi-Property Microgrid Tariffs and Other Matters on November 18, 2024, [1] closing the final chapter of a years-long rulemaking [2] (the Microgrids Proceeding) that many say . commercial-ization. Think Microgrid's research finds that even states that have taken dedicated approaches to microgrid policy and regulation have struggled to create attractive environments for diverse, scale capital deployment. It suggests a clear need for state, community and industry leaders . SB 1339, a bill enacted in 2018, directs the California Public Utilities Commission, in consultation with the California Energy Commission and California Independent System Operator, to undertake a number of activities to further develop policies related to microgrids. It includes all data from DOE's previous Combined Heat and Power (CHP) and Microgrid Installation Databases and is updated on a quarterly .

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[CPUC Closes Years-Long Microgrids Proceeding, Limiting Off-Grid](#)

Portions of the industrial sector have long relied upon off-grid power in the form of diesel generators and cogeneration plants, but demand for renewable off-grid power supplied by DERs is

[State Microgrid Policy, Programmatic, and Regulatory Framework](#)

While some state PUCs have opened proceedings dedicated entirely to microgrids, such as California and Hawaii, others have found ways to incorporate microgrids into broader grid modernization or



Microgrid Overview

The primary resilience benefit of microgrids is their ability to disconnect from the main grid when there is an outage and operate autonomously. Thus, facilities connected to and powered by the microgrid

[The 50 States of Grid Modernization Q2 2025: States Pursue Rules for](#)

The report discusses three trends in grid modernization actions taken in Q2 2025: (1) states mandating procurement of energy storage, (2) lawmakers implementing rules governing





States see widespread policy efforts to overcome grid issues

State lawmakers implemented rules governing microgrid deployment, the report said. For example, Oregon lawmakers passed legislation to allow municipalities, businesses and communities

Resiliency and Microgrids

In January 2021, the Commission authorized the Microgrid Incentive Program, with a \$200 million budget, to fund clean energy microgrids to support the critical needs of vulnerable communities



Microgrids , Grid Modernization , NLR

The three-tiered, 300-kW/386-kWh grid-tied system is capable of providing grid stabilization, microgrid support, and on-command power response. The three tiers of batteries are

STATE SCORECARD 2024

a meaningful solution for the operational needs of the state electric grid and the fundamental architecture of the grid supports robust contributions from distributed energy resources and microgrids.



Microgrids: State Policies To Bolster Energy Resilience

This report will explain how microgrids operate, the ways in which they can support the reliability

and resilience of the power grid and the policies state legislatures have adopted to support

Onsite Energy Database

The Onsite Energy Installation Database covers onsite energy installations at industrial facilities and other large energy user sites in the United States. It includes all data from DOE's previous Combined



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