

New policy for microgrids



Overview

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 microgrid deployment, and (3) states integrating technology requirements into distribution and. 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 microgrid deployment, and (3) states integrating technology requirements into distribution and. The quarterly series provides insights on state regulatory and legislative discussions and actions on grid modernization, utility business model and rate reforms, energy storage, microgrids, and demand response. The report finds that 48 states, as well as the District of Columbia and Puerto Rico. The 50 States of Grid Modernization quarterly report from NC Clean Energy Technology Center identified policy trends related to grid modernization across the 2025 legislative session. A composite image assembled from data acquired by the Suomi NPP satellite. Image: Robert Simmon, NASA Earth. Numerous state and federal statutes and non-legislative state actions, such as governors' directives, have focused on the deployment of resilience investments, such as microgrids, as a tool to help mitigate the impacts of power outages, integrate more clean energy within the grid, support more. The Think Microgrid 2024 State Scorecard uses an evaluation framework that considers five fundamental criteria, each of which is critical to understanding today's market and future opportunities: deployment, policy reform, resilience, market development and equity. The 2024 Scorecard was enhanced. Oregon lawmakers have passed two bills that experts say will make communities more resilient as the state's grid faces rising electricity demand, more frequent extreme weather events and repeated public safety power shutoffs to mitigate wildfire risk. HB 2065 and HB 2066 establish "a first-in-the. As state lawmakers consider policies to enhance energy system reliability and resilience, a growing number have looked to the benefits of microgrids. These unique systems represent a specific form of electric resilience—the ability to maintain power locally even in the face of wider system.

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[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 ...

[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 ...



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

Many State Energy Offices and Public Utility Commissions (PUCs) have been tasked by their governors and legislatures with translating this interest into action by designing programs, policies, rules, and ...



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

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[Oregon approves ambitious framework for 'microgrids'](#)

California passed its own microgrid policy in 2018, but Oregon advocates say the new legislation there is the most ambitious in the nation.

Why Microgrids

Works to advance pending government initiatives that support microgrid adoption and encourage new policy activity and government programs in promising jurisdictions. Fosters cooperation and alliances ...



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

High demand for microgrids in California spans business sectors and communities. Residential and commercial developers in urban and suburban settings view microgrids as a solution ...



[Microgrids spread across US as Big Tech, utilities shore up power](#)

November 3 - Microgrids are being developed across the U.S. as new data centers drive up power demand and companies and communities seek reliable power supplies and protection against ...



[Oregon legislature passes first-in-nation microgrid framework](#)

Oregon lawmakers have passed two bills that experts say will make communities more resilient as the state's grid faces rising electricity demand, more frequent extreme weather events ...



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