



# Micro-electricity majors can enter the State Grid





## Overview

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These unique systems represent a specific form of electric resilience—the ability to maintain power locally even in the face of wider system failures. A new report by Think Microgrid says most states are doing an insufficient job at deploying microgrids despite developing microgrid roadmaps. A renewable energy microgrid at Wisconsin's second net-zero school. Image: Eaton Innovative state action last year across the microgrid policy landscape was. Raleigh, NC - (July 23, 2025) The NC Clean Energy Technology Center (NCCETC) released its Q2 2025 edition of The 50 States of Grid Modernization. The quarterly series provides insights on state regulatory and legislative discussions and actions on grid modernization, utility business model and rate. As a result, the National Association of State Energy Officials (NASEO) and the National Association of Regulatory Utility Commissioners (NARUC) created this framework to serve as a resource and guidance for developing a state microgrid policy, program, or regulation. The threat from natural disasters has grown in intensity and frequency. The previous. rgy resources (DER).



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### [Microgrids: State Policies To Bolster Energy Resilience](#)

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 ...

### 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.



### [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 ...

### Microgrids

Most microgrid projects are in Alaska, California, Georgia, Maryland, New York, Oklahoma, and Texas. Microgrids are attractive to many large U.S. companies committed to working ...



### [Cataloging US state policy patterns towards microgrid deployment](#)

One of these solutions is microgrids that can disconnect from the grid and offer grid resilience during an outage. While this technology is still finding its footing in the industry, states ...

### **Despite innovative action in microgrid policies, states have a long way**

Microgrids are groups of distributed energy resources, such as solar modules on a home, connected to a battery system, that can disconnect from the grid and operate independently during a ...



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

Data center operators and other major power users are fuelling a new wave of microgrid investment as they seek access to reliable power supplies that can be developed swiftly.



### **Microgrids , Grid Modernization , NLR**



Advanced microgrids enable local power generation assets--including traditional generators, renewables, and storage--to keep the local grid running even when the larger grid ...



### Microgrid Program Strategy

By 2035, microgrids are envisioned to be essential building blocks of the future electricity delivery system to support resilience, decarbonization, and affordability.



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

This framework provides relevant background information for State Energy Offices and PUC consideration, regardless of their state's microgrid landscape, through examples from peers as states ...





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