



# State Grid Microgrid Policy

Where do microgrid programs and regulations come from?

Typically, microgrid programs and regulations may originate within state legislation, which encourages or requires State Energy Offices and /or PUCs to initiate decision-making processes, to launch a microgrid grant program, or otherwise reduce barriers to microgrids.

How do I develop a microgrid policy or program?

The first step when developing a microgrid policy or program should be to define several key terms including microgrid, hybrid/multi-customer microgrid, and mobile microgrid. This can be done through legislation, regulation, a state roadmap, or in the initial program description.

What is a state microgrid?

Public Utility Commissions: Steps for Developing State Microgrid Regulations Microgrids are combinations of generation, storage, load management, and advanced controls, representing novel areas for state PUCs to regulate.

Should state energy regulators and state officials be involved in microgrid deployment?

In particular, Dan Ton of DOE OE and Paul Wang of Energy & Environmental Resources Group have been key supporters of this effort, recognizing the important roles of state energy regulators and state energy officials in advancing microgrid deployment and the benefits of improved coordination and collaboration between DOE and state officials.

This framework offers insights and examples for State Energy Offices and PUCs to understand and implement effective microgrid strategies.

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 ...

State Microgrid Policy, Programmatic, and Regulatory Framework Overview The reliability and resilience of the United States electric grid is a paramount concern for state and federal policymakers and ...

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.

Has the state incorporated microgrid planning into other policy processes, such as prioritizing microgrids as a resilience or distribution modernization solution, integrating them into ...

Think Microgrid (2022) ranked microgrid state policies based on microgrid deployment, policy environment, resilience effort, grid services, and equity initiatives.

Colorado and Connecticut received relatively high scores when Think Microgrid weighed other factors, such as the level of microgrid deployment, prioritization of resilience and pro-microgrid ...



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Innovative state action last year across the microgrid policy landscape was not enough to change the U.S. microgrid landscape, said Think Microgrid in its new State Scorecard 2024. Think ...

State policy Explore policy at the state level Microgrid policies vary significantly by state. The MRC is focused primarily on those jurisdictions with the most aggressive clean energy policies and resilience ...

Tier 3 states are nascent markets with policies or programs that have the potential to lead to microgrid policy progress or development in microgrid-adjacent topics including distributed energy ...

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