

Microgrid Policy in 2025



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. Raleigh, NC - (J) 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. 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. To lead, innovate, and capture new growth in the evolving energy market, businesses must act on these top 10 strategic imperatives for microgrids in 2025. Three Strategic Imperatives Transforming the Microgrid Landscape The global energy mix is rapidly shifting from centralized power plants to. SEPA convened industry stakeholders at RE+ Microgrids to discuss advancing microgrid deployment in the United States. Participants identified utility perception and regulatory misalignment as. As car dealerships add electric vehicle charging, solar microgrids can help cut utility bills by up to 90%. Charging infrastructure developers can take advantage of the energy. These Carbon-Free Technologies Still Get the ITC.

Microgrid Policy in 2025



States see widespread policy efforts to overcome grid issues

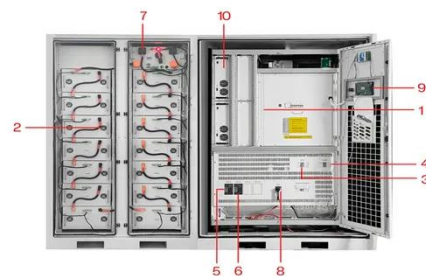
The 50 States of Grid Modernization quarterly report from NC Clean Energy Technology Center identified policy trends related to grid modernization across the 2025 legislative session.

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The 50 States of Grid Modernization Q2 2025: States Pursue Rules for

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- 1 PCS Module
- 2 Battery room
- 3 Grid side circuit breaker
- 4 Load side circuit breaker
- 5 OPV1 side circuit breaker
- 6 OPV2 side circuit breaker
- 7 High Volt Box
- 8 BAT side circuit breaker
- 9 LCD display screen
- 10 MPPT

Nominal Capacity
280Ah
Nominal Energy
50kW/100kWh
IP Grade
IP54



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 **LFP 12V 200Ah**

Microgrids Industry Update: RE+ Microgrids 2025 , SEPA

SEPA Microgrids Industry Update: RE+ Microgrids 2025. This briefing summarizes insights from that workshop on advancing microgrid deployment across the United States.

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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 ...



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US Microgrid Market Analysis

The most successful microgrid projects leverage multiple value streams and align with broader policy goals related to resilience, sustainability, and economic development.

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