

# Microgrid Status in 2025



## Overview

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US Microgrid Outlook 2025 - This report delves into the state of the US microgrid market and Wood Mackenzie's outlook through 2029. We are currently tracking 4,870 microgrid projects that are operational, stalled, under construction or planned. 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. As we enter 2025, microgrids are driving the evolution of the New Energy Landscape, fueled by advancements in renewable energy and smart technology. I see several transformative trends that will impact efficiency, resilience, grid modernization, and sustainability, underscoring microgrids' crucial. Raleigh, NC - (J) The NC Clean Energy Technology Center (NCCETC) released its Q2 2025 edition of The 50 States of Grid Modernization. 3 billion by 2035, representing a CAGR of 15. 28% during the forecast period. Reference herein to any specific commercial product, process, or service. The global microgrid market size was estimated at USD 99.

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### Microgrids 2025: Top Trends and Growth Opportunities

Explore the leading trends, challenges, and opportunities shaping microgrids in 2025. Discover how energy leaders can drive innovation and market growth.

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### US microgrid outlook 2025 Report , Wood Mackenzie

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### 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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## Microgrid Market Size, Share,

## Growth , Industry Report, 2033

Microgrid Market Summary The global microgrid market size was estimated at USD 99.76 billion in 2025 and is projected to reach USD 406.23 billion by 2033, expanding at a CAGR of 19.7% from 2026 to ...

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## Microgrids spread across US as Big Tech, utilities ...

U.S. microgrid capacity could hit 10 GW by the end of 2025, according to the Department of Energy (DOE).

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## Key microgrid trends impacting the new energy landscape

Read about the transformative trends underscoring how microgrids are driving the New Energy Landscape in 2025.

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## Microgrid Market Report 2025-2035 , Trends, Forecasts & Players

What Are the Top Trends Reshaping the Microgrid Market in 2025? The global



microgrid market in 2025 is undergoing a major transformation, driven by rural electrification, decentralization, and resilience ...

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## 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 ...

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## US Microgrid Outlook 2025

Microgrid development status across the states, alongside recent policy and regulatory developments. Overview of different business models and key players in the competitive landscape.

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## Building Technologies & Urban Systems Division Energy ...

A total of 15 articles contribute to the area of Markets, Trading, & Economics.

Several of these contributions address the area of primary and secondary regulation of microgrids, including works in ...

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