



# Does the State Grid have microgrids



## Overview

According to the National Council of State Legislatures (NCSL), there are 21 states and one territory (Puerto Rico) with substantive microgrid laws or laws that at least mention microgrids (Shea, 2022). 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 regulations for microgrids. As a result, the National Association of State Energy Officials. Authorized by Section 40101(d) of the Bipartisan Infrastructure Law (BIL), the Grid Resilience State and Tribal Formula Grants program is designed to strengthen and modernize America's power grid against wildfires, extreme weather, and other natural disasters that are exacerbated by the climate. State lawmakers across the United States made efforts in Q2 2025 to modernize electric grids, found the 50 States of Grid Modernization: Q2 2025 Quarterly Report from the NC Clean Energy Technology Center (NCCETC). While “grid modernization” does not. commercial-ization. It suggests a clear need for state, community and industry leaders. Raleigh, NC - (July 23, 2025) The NC Clean Energy Technology Center (NCCETC) released its Q2 2025 edition of The 50 States of Grid Modernization. While the list is not meant to be exhaustive — as microgrids are being deployed with increasing frequency — it provides a sampling of microgrids around the country.



## Article Content

### Microgrid Overview

In terms of microgrid design, this means that the microgrid does not have to be built to serve power 24/7, but instead can be built to provide power during times the main electric grid experiences an outage ...

### The 50 States of Grid Modernization Q2 2025: States ...

The report discusses three trends in grid modernization actions taken in Q2 2025: (1) states mandating procurement of energy storage, (2) lawmakers ...

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

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 ...

### Microgrids | Grid Modernization | NLR

The three-tiered, 300-kW/386-kWh grid-tied system is capable of providing grid stabilization, microgrid support, and on-command power response. The three tiers of batteries are ...

### US Microgrids | Microgrids Across the United States

This first utility-owned microgrid uses Smart Grid technology — including local power generation, local energy storage, and automated switching — to create a ...

### MICROGRIDS POLICY PROGRESS IN THE STATES

"Microgrid" means a group of interconnected loads and distributed energy resources within clearly defined electrical boundaries that acts as a single controllable entity with respect to the ...

### 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 ...

### States see widespread policy efforts to overcome grid ...

State lawmakers implemented rules governing microgrid deployment, the report said. For example, Oregon lawmakers passed legislation to allow ...

### 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.

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