

# New regulations on the energy storage industry

How many states have energy storage policies?

Around 15 states have adopted some form of energy storage policy, including procurement targets, regulatory adaptation, demonstration programs, financial incentives, and/or consumer protections. Several states have also required that utility resource plans include energy storage.

Is storage a regulated energy resource?

Regulatory uncertainty. The Federal Energy Regulatory Commission/RTO regulatory rules about how storage could be used as a distributed energy resource or to displace transmission to serve rural communities are evolving and/or untested. Unclear requirements.

What are the different types of energy storage policy?

Approximately 16 states have adopted some form of energy storage policy, which broadly fall into the following categories: procurement targets, regulatory adaptation, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.

What are FERC/RTO regulatory rules about energy storage?

FERC/regional transmission organization (RTO) regulatory rules about storage classification/functionalization and cost recovery (from both market and cost-of-service regimes) need clarity and may limit resource operations and deployment, including the use of energy storage as transmission assets.

How can critical services benefit from energy storage policy improvements?

Critical services can benefit from policy improvements that enable greater adoption of energy storage, including the use of energy storage as an alternative to backup diesel generators and regulatory cost models that allow grid storage to be repurposed for emergency services.

Is DOE addressing the energy storage industry's challenges?

EAC conducted a months-long review of obstacles and challenges facing the energy storage industry to determine areas of pressure and pain, and to assess whether DOE was addressing these obstacles and challenges in its funding, policy, initiatives, and other efforts.

5 ???&#0183; The &quot;Administrative Regulations on Grid-Connected Operation of Grid-connected Entities&quot; apply to the thermal power, hydropower, nuclear power, wind power, photovoltaic ...

Even with near-term headwinds, cumulative global energy storage installations are projected to be well in excess of 1 terawatt hour (TWh) by 2030. In this report, Morgan Lewis lawyers outline some important developments in recent years ...

# New regulations on the energy storage industry

In 2023, the United States set a record for the most clean energy installed in a single year, with 33.8 gigawatts (GW) installed - over three-fourths of all new electricity capacity added.

In 2023, the US power and utilities industry raised the decarbonization bar, deployed record-breaking volumes of solar power and energy storage, and boosted grid reliability and flexibility--with a healthy assist from landmark ...

This document outlines a U.S. national blueprint for lithium-based batteries, developed by FCAB to guide federal investments in the domestic lithium-battery manufacturing value chain that will ...

According to public industry data, newly installed capacity of energy storage projects in China soared to 16.5GW in 2022, of which installation of new energy storage projects hit a record high of 7.3GW/15.9GWh. The explosive growth of ...

CEG provides information, technical guidance, policy and regulatory design support, and independent analysis to help break down the numerous barriers to energy storage deployment, from information gaps to ...

In May 2023, Maryland became the 11th and latest state to enact an energy storage target, with a goal to deploy 3 GW of storage capacity by 2033. The new law requires the Maryland Public Service Commission to establish ...

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