



The state requires new energy to be equipped with energy storage

Do states need a new energy storage policy?

As states increasingly declare decarbonization goals, they will need to create new policies, rules and regulations that will enable the deployment of an unprecedented amount of energy storage, according to the Clean Energy States Alliance (CESA), which just released its States Energy Storage Policy: Best Practices for Decarbonization report.

Which states have set policy for energy storage deployment?

At the time the study was conducted, 22 states (plus the District of Columbia) adopted decarbonization goals, however, not all have set policy for energy storage deployment. California and New York are cited as examples of states with "very advanced and sophisticated policy measures". Many others are beginning to assess energy storage policy needs.

How can a state increase energy storage deployment?

One major tool for increasing the deployment of energy storage technologies is setting a storage target that requires the state to procure a certain amount of energy storage, measured in megawatts (MW) or megawatt-hours (MWh), by a specific date.

What are States doing about energy storage?

States are also developing expert task forces and committees to evaluate storage technologies and opportunities for growth. Maine, for example, enacted HB 1166 (2019) creating a commission to study the benefits of energy storage in the state's electric industry.

Does state energy storage support decarbonization?

A recent report from the Clean Energy States Alliance highlights best practices, identifies barriers, and underscores the need to expand state energy storage policymaking to support decarbonization in the United States. Decarbonization is the move away from fossil fuel resources and toward renewable energy.

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.

In 2023, California will become the first state to require both solar PV and energy storage systems on all new and some retrofit commercial buildings, as the California Energy Commission (CEC) updated their 2022 ...

Public Service Commission Chair Rory M. Christian said, "Governor Hochul has long been a staunch supporter of energy storage development in New York State, and with her ...



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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 ...

California has become the first state to require solar power plus energy storage to be integrated into all future commercial structures via its most recent update to building codes. Additionally, the new building code ...

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The data highlights how California is not just a world leader in battery storage capacity, but how the state is achieving the unprecedented rate of new clean energy development required to meet goals for the transition from ...

There is also the fact that energy storage equipment has the advantage of cutting peaks and filling valleys and smoothing out fluctuations [30] has received the attention ...

State-of-the-art on thermal energy storage technologies in data center. Author links open overlay panel Lijun Liu a ... are commonly utilized. Electrical energy storage is an ...

The emergence of energy storage systems ... 690, 692, and 694, and how those Articles correlate with this new Article 706. Energy storage systems - NEC Article 706. To begin with, it is important to understand what ...



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