

New regulations for energy storage power stations





Overview

On June 30, 2025, the National Energy Administration officially approved and issued the power industry standard DL/T 2915-2025, "Operating Regulations for Hydrogen Storage Systems in Hydrogen Energy Storage Power Stations" (hereinafter referred to as the "Regulations"), which will come into effect on December 30, 2025. Is energy storage regulated?

Whilst the Department of Business, Energy & Industrial Strategy ("BEIS") and Ofgem have been supportive of energy storage and recognise the benefits and flexibility provided by the various technologies, there is no specific legislation on or regulation of storage at present.

What are the different types of energy storage policies?

Approximately 17 states have adopted some form of energy storage policies, which broadly fall into the following categories: procurement targets, regulatory adaption, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.

Why are energy storage resources important?

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. Currently 23 states, plus the District of Columbia and Puerto Rico, have 100% clean energy goals in place.

Does New York have a bulk energy storage program?

The New York State Energy Research and Development Authority filed with the New York Public Service Commission a proposed bulk energy storage program implementation plan designed to support the state's build-out of storage deployments to meet the stated goal and to reduce projected costs by nearly \$2 billion.

What is a storage policy?



All of the states with a storage policy in place have a renewable portfolio standard or a nonbinding renewable energy goal. Regulatory changes can broaden competitive access to storage such as by updating resource planning requirements or permitting storage through rate proceedings.

How are battery energy storage resources developed?

The most significant battery energy storage resource development has occurred in states that have adopted some form of incentive for development, including through utility procurements, the adoption of favorable regulations, or the engagement of demonstration projects.



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Below we give an overview of each of these energy storage policy categories. Procurement targets require utilities to acquire a specified quantity of energy storage typically ...

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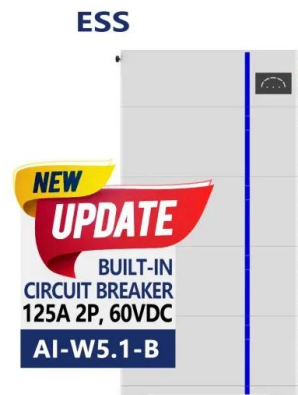
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