

Government releases energy storage regulation plan

What is the energy storage strategy & roadmap (SRM)?

WASHINGTON, D.C. - The U.S. Department of Energy (DOE) today released its draft Energy Storage Strategy and Roadmap (SRM), a plan that provides strategic direction and identifies key opportunities to optimize DOE's investment in future planning of energy storage research, development, demonstration, and deployment projects.

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.

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.

What is the energy storage SRM?

Specifically, the draft Energy Storage SRM updates the earlier ESGC Roadmap in consideration of the progress made across the energy storage sector since 2020, as well as reflects DOE's recent activities in support of its energy storage mission and vision.

Will DOE update ESGC 2020 roadmap?

DOE is seeking general feedback on the draft Energy Storage SRM as part of its process to update the ESGC 2020 Roadmap. This document of the Department of Energy was signed on December 4, 2024, by Gene Rodrigues, Assistant Secretary for the Office of Electricity, pursuant to delegated authority from the Secretary of Energy.

What is Virginia's energy storage goal?

The law requires that 3,500 MW be mid-duration energy storage, 750 MW be long-duration, and, if commercially available at a reasonable cost, 750 MW should be multi-day energy storage. Virginia's target was enacted by law in 2020, which set a 3,100 MW energy storage goal by 2035.

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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PNNL released the report today prepared by a team of PNNL energy storage and battery safety experts, to define the potential community impacts of an energy storage project ...

WASHINGTON, D.C. -- Today the Solar Energy Industries Association (SEIA) is unveiling a new policy agenda that details the critical actions that local, state, and federal ...

The One, Big, Beautiful Bill Act of 2025 has a significant effect on federal taxes, credits and deductions. It was signed into law on July 4, 2025, as Public Law 119-21. These provisions go ...

Clean energy group releases safety-focused model ordinance for energy storage facilities The "first of its kind policy" incorporates fire safety best practices into guidance for ...

Summary The regulatory framework for hydrogen in the United States is fragmented, complex, involves multiple government agencies, and ...

EDMONTON, AB - The Government of Alberta is investing \$33.7 million in 13 projects through Emissions Reduction Alberta's (ERA) Reshaping ...

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These terms describe various ways states may set an intention to attain a specified level of energy storage deployment by a specific date, and the role of regulated electric utilities in ...

An overview of Energy Storage Targets across 50 U.S. States, with state-by-state policy progress, key resources, and model rules.

Energy storage subsidies in Poland for 2024-2025 support the country's energy transition, increasing RES efficiency and grid stability.

The Government of Canada will continue to consult to inform the final regulations, which it plans to publish next year. Written comments in response to the proposed regulations ...

States that have adopted incentives for energy storage development have seen notable progress in battery storage deployment. These states have encouraged growth ...

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Presidency releases 18 month progress report on the Energy Action Plan The Presidency has today, 27 March 2024, released a detailed update on the implementation of ...

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically manufacture energy storage technologies ...

Final rules will provide additional clarity and certainty for project developers, helping to produce more clean power, build a strong clean energy ...

Energy storage is transforming the energy sector through its ability to support renewable energy and reduce grid reliance on carbon-intensive resources. By storing excess energy during ...

The Energy Action Plan (EAP) is South Africa's plan to end load shedding and achieve energy security. Announced by President Cyril Ramaphosa in July 2022, it outlines a bold set of ...

The Government agrees that in the initial phase of adoption of energy storage technologies, market mechanisms and innovative economic models will be required for ...

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In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically ...

In a wide-ranging report, released March 30, the Government Accountability Office outlined some of the challenges facing energy storage and detailed the planning, regulation ...

Following a public consultation launched in July 2024, the Polish Ministry of Climate and Environment has finalized its energy storage subsidy ...

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