

Government Energy Storage Plan





Overview

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.

Does the energy storage strategic plan address new policy actions?

This SRM does not address new policy actions, nor does it specify budgets and resources for future activities. This Energy Storage SRM responds to the Energy Storage Strategic Plan periodic update requirement of the Better Energy Storage Technology (BEST) section of the Energy Policy Act of 2020 (42 U.S.C. § 17232 (b) (5)).

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 adaption, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.

What are energy storage systems?

Energy storage systems are not primary electricity sources, meaning the technology does not create electricity from a fuel or natural resource. Instead, they store electricity that has already been created from an electricity generator or the electric power grid, which makes energy storage systems secondary sources of electricity. Wind.

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 Virginia's energy storage goal?

Virginia's target was enacted by law in 2020, which set a 3,100 MW energy storage goal by 2035. A law enacted in 2021 directed the Illinois Commerce Commission to establish storage procurement targets for all utilities serving more than 200,000 customers to achieve by 2032.



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[Draft Energy Storage Strategy and Roadmap Update Released](#)

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

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[Germany plans long-duration energy storage auctions ...](#)

The German government has opened a public consultation on new frameworks to procure energy resources, including long-duration energy ...

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[Solar, battery storage to lead new U.S. generating capacity ...](#)

Battery storage. In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already ...

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[What is the government's long-term plan for energy storage ...](#)

Strategically aligning the energy storage integration plan with overarching national energy goals is essential for success. Governments aim to enhance energy security and ...



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Significant energy storage progress to keep the lights on following ...

The Government has laid out its plans for keeping the lights on and strengthening national energy infrastructure in response to a critical Commons report about UK energy ...

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[State by State: A Roadmap Through the Current US Energy Storage ...](#)

There are currently 23 states, plus the District of Columbia and Puerto Rico, that have 100% clean energy goals in place.

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[US Department of Energy Grid Modernization Initiative](#)

1 Introduction The U.S. Department of Energy's (DOE) Grid Modernization Initiative (GMI)¹ encompasses activities across the Department focused on research, development, ...

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[Energy Storage: Considerations for Government](#)

...

Collaboration and safety: The energy storage industry seeks to collaborate with government partners and first responders to develop effective rules, ...

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[Energy Storage Strategy and Roadmap.](#) [Department of Energy](#)

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ESGC 2020 Roadmap.

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[Philippines launching renewables-plus-storage tender ...](#)

The Philippines government will also launch a call for renewable energy and energy storage microgrids in rural areas to reduce or displace the ...

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[Battery Energy Storage Systems: Government Approves INR5,400 ...](#)

The Indian government has unveiled a INR5,400 crore Viability Gap Funding scheme to support the development of 30 GWh of Battery Energy Storage Systems (BESS), alongside ...

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[DOE releases energy storage strategy and roadmap](#)

The US Department of Energy (DOE) has released its draft Energy Storage Strategy and Roadmap (SRM), a plan providing strategic direction and opportunities to ...

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[Governor Newsom signs executive order to bolster California's ...](#)

SACRAMENTO - As the Trump administration takes the country backward on clean energy deployment and development, Governor Gavin Newsom today signed an ...

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ENERGY ACTION PLAN

INTRODUCTION 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 ...

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[China unveils measures to bolster new-type energy storage ...](#)

According to an action plan jointly issued by the Ministry of Industry and Information Technology and seven other government organs, the new-type energy storage ...

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[Solar, battery storage to lead new U.S. generating capacity ...](#)

This growth highlights the importance of battery storage when used with renewable energy, helping to balance supply and demand and improve grid stability. Energy ...

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[USAID Energy Storage Decision Guide for Policymakers](#)

Declining costs of energy storage technologies, particularly lithium-ion battery storage, opens the potential for larger capacity and longer-duration energy storage projects to provide a broader ...

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[Draft Energy Storage Strategy and Roadmap Update ...](#)

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[How GSA is using innovative energy storage ...](#)

Increasing building energy security and resilience by providing back-up power when needed. As a primary agency that buys electricity and ...

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[Action Plan on Energy Storage . Energy Storage Coalition](#)

The growth of renewable energy sources is a vital step towards achieving the EU's climate and energy goals. Along with grid expansion & optimisation, the EU's ambition depends on ...

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[How GSA is using innovative energy storage technologies today ...](#)

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[Clean Power 2030 Action Plan: A new era of clean ...](#)

We will usher in a new era of clean electricity for our country, with our plan to deliver the most ambitious reforms to our energy system ...

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