



New energy storage top-level planning released

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 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.

What is DOE's strategic investment in energy storage?

DOE's strategic investment in energy storage aims to ensure that all Americans have access to energy storage innovations to enable resilient, reliable, secure, and affordable electricity systems and supplies.

How long does energy storage last in 2024?

Highlights from the 2025 Energy Storage Report According to the NEA, 2024 saw the addition of 42.37 GW / 101 GWh in new NES capacity. The average storage duration rose to 2.3 hours, reflecting ongoing improvements in system design and grid integration.

Is DOE preparing a draft energy storage SRM for public comment?

DOE is seeking comment from stakeholders to inform its draft Energy Storage SRM for public comment at a future time; notice of its availability will be provided through the Federal Register through a formal NOA. Interested stakeholders can view both the draft SRM and the official NOA.

Why should we invest in energy storage?

The SRM cites the underlying motivation for investment in energy storage as ensuring "that the American people will have the resources needed, when needed." "1. To facilitate safe, beneficial, and timely deployment of energy storage technologies and accelerate the development of new technologies that address current and emerging consumer needs.

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

The U.S. Department of Energy on Dec. 20 released its draft energy storage strategy and roadmap, a plan that provides strategic direction and identifies key opportunities ...

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China aims to further develop its new energy storage capacity, which is expected to advance from the initial stage of commercialization to large-scale development by 2025, with ...

The document updates DOE's Energy Storage Grand Challenge Roadmap and reflects significant advances in energy storage technology and deployment since 2020, the ...

China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by 2027, enhance innovation ...

China's National Energy Administration (NEA) has released the China New Energy Storage Development Report 2025, marking the first official and comprehensive government ...

According to Wood Mackenzie, there is 83 GWh of installed energy storage capacity in the United States, including nearly 500,000 distributed storage installations. ...

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

Explore planning and procurement refinements for community-level resources to access and better synergize with the RA capacity marketplace, such as incorporation of new information ...

1. The European Commission must adopt an Energy Storage Action Plan within a broader Flexibility Package, to harmonise markets, remove regulatory barriers, and ensure ...

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We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator ...

In November 2023, Michigan became the first state in the Midwest2 to set a Statewide Energy Storage Target, calling for 2,500 megawatt (MW) of energy storage by 2029 in Public Act 235 ...

China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading ...

The top energy storage technologies include pumped storage hydroelectricity, lithium-ion batteries, lead-acid batteries and thermal energy ...

4 hours ago· China on Friday unveiled an action plan to promote the development of new forms of



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energy storage between 2025 and 2027, amid efforts to support green energy transition and ...

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