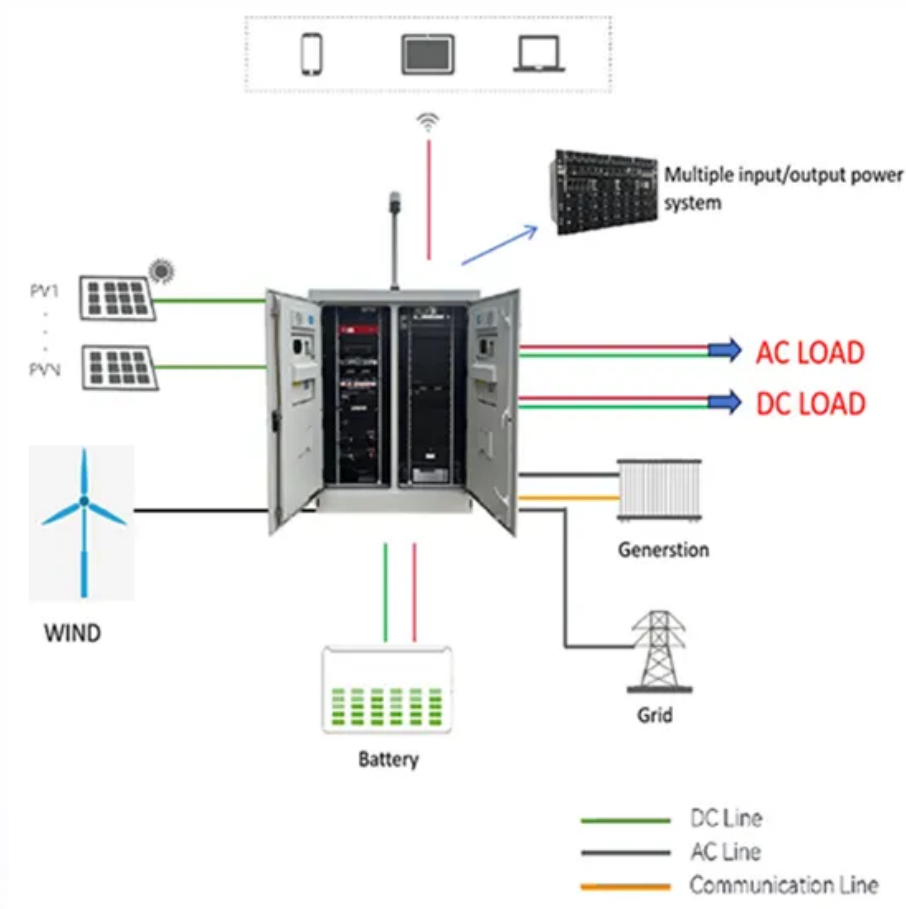


US Energy Storage Plan





Overview

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 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's new in energy storage policy?

The whitepaper outlines policy recommendations to open markets for storage development, build financial support, grow a domestic storage supply chain, and progress long-duration storage technology. In addition, SEIA is releasing a new 50-state guide to energy storage policies at the state level.

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)).

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.

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 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.



US Energy Storage Plan



U.S. battery storage capacity expected to nearly double in 2024

U.S. battery storage capacity has been growing since 2021 and could increase by 89% by the end of 2024 if developers bring all of the energy storage systems they have ...

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U.S. Grid Energy Storage Factsheet

Electrical Energy Storage (EES) refers to systems that store electricity in a form that can be converted back into electrical energy when needed. 1 Batteries are one of the most common ...

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SEIA Announces Target of 700 GWh of U.S. Energy Storage by ...

WASHINGTON D.C. -- The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious ...

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State-by-State Overview: Navigating the Contemporary U.S. Energy

The Evolving Landscape of Energy Storage Policies in the U.S. Energy storage solutions are increasingly pivotal as the energy sector transitions from traditional fossil fuels to ...



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[New York State Energy Research and Development ...](#)

INTRODUCTION This Implementation Plan (hereafter the "2024-2030 Residential and Retail Storage Implementation Plan", or the "Plan") sets forth the program goals and ...

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[State of the U.S. Energy Storage Industry](#)

CESA members--mostly state agencies-- include many of the most innovative, successful, and influential public funders of clean energy initiatives in the country.

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INTEGRATED DESIGN
EASY TO TRANSPORT AND INSTALL,
FLEXIBLE DEPLOYMENT



[Energy Storage Rides a Wave of Growth but Uncertainty ...](#)

Furthermore, policymakers in the United States and Europe continue to set supportive energy storage policies and prioritize energy storage deployment as a crucial element toward ...

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[PSC Approves Energy Storage Implementation Plan](#)

ALBANY -- The New York State Public Service Commission (Commission) today approved the retail and residential energy storage program Implementation Plan, filed by the ...

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State by State: An Updated Roadmap Through the Current US Energy

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy ...

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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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US Department Of Energy releases energy storage strategy and ...

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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Growth of Renewable Energy in the US , World Resources Institute

Battery storage grew substantially in the United States in 2023, with a projected doubling of capacity by 2024. Photo by U.S. government/Rawpixel Recent Trends in US Clean Power ...

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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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SEIA Announces Target of 700 GWh of U.S. Energy Storage by ...

In addition, SEIA is releasing a new 50-state guide to energy storage policies at the state level. "Expanding energy storage capacity is a crucial means of ensuring our nation's ...

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PSC Approves Bulk Energy Storage Plan , Department of Public ...

ALBANY -- The New York State Public Service Commission (Commission) today approved, with modifications, the draft Bulk Energy Storage Program Implementation Plan, ...

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[Strategic Guide to Deploying Energy Storage in NYC](#)

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 ...

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50KW modular power converter



Draft US Energy Storage Strategy & 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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