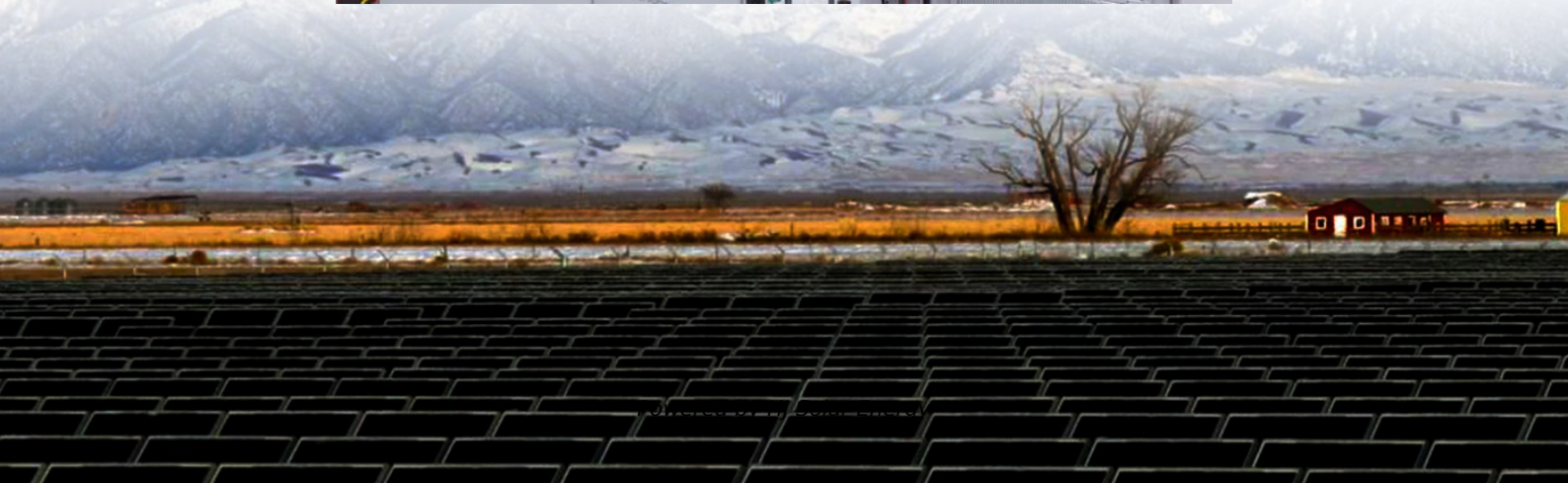


Latest policy updates on industrial land use for energy storage projects





Overview

Do energy storage systems need zoning standards?

Consequently, zoning standards are generally not necessary for these energy storage systems. Define BESS as a land use, separate from electric generation or production but consistent with other energy infrastructure, such as substations. BESS have potential community benefits when sited with other electric grid infrastructure.

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)).

How many jurisdictions have zoning ordinances addressing battery energy storage systems?

The study identified, through a search of the Municode database, 59 jurisdictions with ordinances (zoning but also building, fire, tax, and sustainability ordinances) addressing battery energy storage systems.

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 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 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.



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[Energy storage safety and growth outlook in 2025](#)

The energy storage industry's trajectory in recent years has been nothing short of remarkable, driven by increased customer recognition of these assets' critical roles in grid ...

[Battery Energy Storage Systems Series](#)

In the first installment of our series addressing best practices, challenges and opportunities in BESS deployment, we will look at models and recommendations for land use permitting and ...



[Energy storage power station land use policy](#)

A new report, Energy Storage in Local Zoning Ordinances, prepared by a team of PNNL energy storage and battery safety experts, defines the potential community impacts of ...

IRS Releases Final Energy Property Regulations Under Section ...

On December 4, 2024, the US Treasury and IRS issued final regulations (TD 10015) clarifying the definition of energy property and rules for the energy credit under Section ...



Energy Storage Program

Integrating storage in the electric grid, especially in areas with high energy demand, will allow clean energy to be available when and where it is most needed. As New York continues to ...



Energy Storage in Local Zoning Ordinances , Report , PNNL

This report provides an overview of BESS from a land use perspective and describes their implications for zoning and project permitting. It concludes with an analysis of ...



[2025 Energy Predictions: Battery Costs Fall, Energy ...](#)

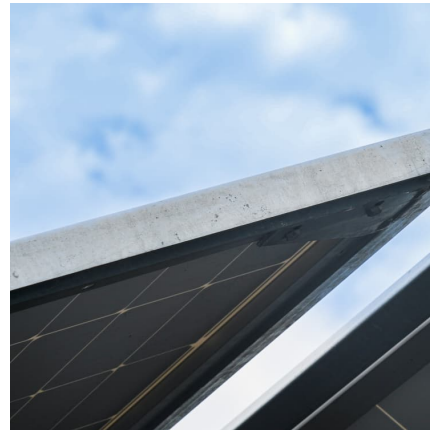
Experts predict what 2025 holds for U.S. energy policy: EV battery costs fall, energy storage demand surges, carbon removal hits scale, ...





Report Provides Overview of Planning, Zoning Issues for Battery Storage

A new report from Pacific Northwest National Laboratory provides an overview of battery energy storage systems from a land use perspective and describes the implications ...



[Top five energy storage projects in the US](#)

Listed below are the five largest energy storage projects by capacity in the US, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

[Biden-Harris Administration Invests \\$2.2 Billion](#)

RALEIGH, N.C. -- In support of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy (DOE) today announced a \$2.2 billion ...



[PLANNING & ZONING FOR BATTERY ENERGY...](#)

The purpose of this guide is to help Michigan local government officials and planners understand the current landscape of BESS deployment. It aims to empower them to effectively incorporate ...



Battery Energy Storage Systems

Part of establishing best practices is helping local planners and decision makers understand the local need for energy storage, the role of storage as part of renewable projects, and the basics ...



Energy Storage Systems (ESS) Overview

2 ???· The challenge with Renewable Energy sources arises due to their varying nature with time, climate, season or geographic location. Energy ...

[Battery Energy Storage Systems Report](#)

This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their employees, ...





[DOE Reduces Regulatory Hurdles For Energy Storage...](#)

DOE carefully considered its experience with energy storage, transmission line upgrades, and solar energy projects before simplifying the environmental review process.

MISO wants to fast track energy storage projects. Can ...

MISO's Expedited Resource Addition Study proposal could pose the perfect opportunity to interconnect energy storage resources faster.



Report Provides Overview of Planning, Zoning Issues for Battery ...

A new report from Pacific Northwest National Laboratory provides an overview of battery energy storage systems from a land use perspective and describes the implications ...

Climate and Land Use Planning

The complex intersectional and interdisciplinary nature of land use policy means these decisions create widespread effects on the economy, environment, and society. State ...



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