

Restrictions on wind power generation in scenic spots



Overview

New report and interactive map provide a detailed look at the diversity of renewable energy siting and permitting regulations and processes across the United States, profiling all 50 states plus Puerto Rico. Electric power generation from wind from 2014 to 2023 has more than doubled, rising from 18.1 to 37.7. Wind energy ordinances adopted by counties, towns, and other types of municipalities are one of the best ways for local governments to identify conditions and priorities for all types of wind development. Secretary of the Interior Doug Burgum signed a Secretary's Order to more efficiently manage our nation's energy resources by permitting projects that optimize energy generation while minimizing their environmental impact. By 2024, there were approximately 1,500 utility-scale terrestrial wind energy projects that include more than 76,000 installed wind turbines located in at least 45 states, totaling 155 gigawatts in electrical.

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Ordinances , Department of Energy

Explore the resources below to better understand the wind project siting process, including how to analyze wind maps and data, navigate permits and ordinances, and apply best practices for project ...

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Secretary Burgum Announces Order to Rein In Environmentally ...

WASHINGTON -- Today, U.S. Secretary of the Interior Doug Burgum signed a Secretary's Order to more efficiently manage our nation's energy resources by permitting projects ...



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Siting and Permitting Wind Projects

Understand the complexities of siting and permitting wind energy projects, including federal and state regulations, environmental reviews, and strategies to address community concerns and opposition.

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Adequacy of Environmental Permitting and Review of Terrestrial

...

established conclusions, and best practices to minimize and mitigate those effects. This report also summarizes existing permitting processes on both federal and private lands, reviews the impacts and ...

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INTEGRATED DESIGN

EASY TO TRANSPORT AND INSTALL,
FLEXIBLE DEPLOYMENT



NREL Releases Comprehensive Databases of Local Ordinances for

...

As the United States targets 100% clean electricity by 2035 and a net-zero carbon economy by 2050, local siting constraints have become a critical topic. However, publicly available ...

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Siting Clean Energy: An Inventory of State Policies and Permitting

Local authorities typically control siting standards. Solar or wind projects must meet standards to manage land use and regulate their development and construction. For example, there ...

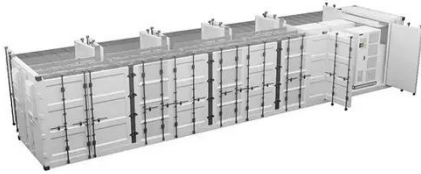
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State and Local Permitting Restrictions on Wind Energy Development

Our interpretation of this data is that at the extreme end of the most restrictive

ordinances that are imposed on wind generation, it is likely that they are a result more of political or social desire ...

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Impact of siting ordinances on land availability for wind and solar

Here we survey local zoning ordinances across the contiguous United States to understand the types and frequency of ordinances that might impact wind and solar development.

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Navigating wind energy siting in the U.S.: The role of permitting and

This study investigates how wind energy siting policies, including local zoning ordinances and state-level public engagement rules, influence wind project siting decisions.

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Therefore, to support such efforts, the knowledge of the availability of the wind resource, possible land use restrictions and the electricity generation potential

are of main

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