Energy Bureau issues wind power generation targets

Overview

The Trump Administration issued a Presidential Memorandum on January 20, 2025, that temporarily withdrew all wind energy leasing areas within the Outer Continental Shelf (OCS), paused all wind energy permitting actions, and ordered the review of federal offshore wind practices and. The Trump Administration issued a Presidential Memorandum on January 20, 2025, that temporarily withdrew all wind energy leasing areas within the Outer Continental Shelf (OCS), paused all wind energy permitting actions, and ordered the review of federal offshore wind practices and. As the largest source of clean, renewable power generation in the United States and one of the fastest growing sources of new electricity supply, wind energy will play a large role in the nation's energy future. In Fiscal Year (FY) 2024, scientists, engineers, analysts, and support professionals at. Under Secretary Doug Burgum, the Department of the Interior (DOI) has quickly moved to implement Sections 4 and 5 of President Trump's 7 July Executive Order 14315 titled "Ending Market Distorting Subsidies for Unreliable, Foreign-Controlled Energy Sources. " Executive Order 14315 directs DOI within. WASHINGTON - Today, U. 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. According to preliminary statistics released by the World Wind Energy Association (WWEA), the world added 169'014 Megawatts (MW) of new wind capacity - a 35% increase over 2024 - bringing total global installations to 1'346'866 MW. Wind energy offers many advantages, which explains why it's one of the fastest-growing energy sources in the world.

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WWEA Annual Report 2025: Record Growth and Emerging Challenges

The numbers show very clearly that the share of wind power in global electricity generation is increasing continuously. In light of the vulnerability of fossil fuel supply chains and the problems related to

New materials could boost the energy efficiency of microelectronics

MIT researchers developed a new fabrication method that could enable them to stack multiple active components, like transistors and memory units, on top of an existing circuit, which

Evelyn Wang: A new energy source at MIT

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel

Wind Energy Accomplishments and Year-End Performance

The world's leading wind energy scientists and engineers identified five research areas as critical to advancing wind energy deployment: wind atmospheric science, wind turbine systems, wind plants

Secretary Burgum Announces Order to Rein In

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

Using liquid air for grid-scale energy storage

Liquid air energy storage could be the lowest-cost solution for ensuring a reliable power supply on a future grid dominated by carbon-free yet intermittent energy sources, according to a new

New facility to accelerate materials solutions for fusion energy

The new Schmidt Laboratory for Materials in Nuclear Technologies (LMNT) at the MIT Plasma Science and Fusion Center accelerates fusion materials testing using cyclotron proton beam

DOI Implements EO 14315, Targeting Wind & Solar

DOI has taken multiple actions to implement Executive Order 14315, including the issuance of two secretarial orders, multiple memos and press

Explained: Generative AI's environmental impact

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.

Energy , MIT News , Massachusetts Institute of Technology

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.

Concrete "battery" developed at MIT now packs 10 times the power

New concrete and carbon black supercapacitors with optimized electrolytes have 10 times the energy storage of previous designs and can be incorporated into a wide range of architectural

How artificial intelligence can help achieve a clean energy future

A look at how AI can be used to help support the clean energy transition by helping to manage power grid operations, plan infrastructure investments, guide the development of novel

A new approach could fractionate crude oil using much less energy

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce the amount of energy needed for crude oil

MIT Energy Initiative conference spotlights research

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical

technologies amidst a changing energy landscape.

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