

The U.S. Department of Energy will invest about \$1.9 billion to accelerate upgrades of power grids in the country, it said on Thursday.

This April 2024 report from the U.S. Department of Energy (DOE) detailed what the U.S. power grid needs to support increased electricity demand over the next few years.

As our energy needs grow, it's a pressing question: What will it take to future-proof infrastructure and grid elements to ensure they can carry the charge? Four experts from the Booth community share ...

This topic area supports high-impact, innovative projects that enhance grid reliability and resilience, with a focus on transmission systems that facilitate development of new large loads.

Wind turbines near transmission infrastructure. Source: Google. Utilities and regulators are waking up to the reality that the electric grid must be modernized and expanded to accommodate ...

America's power grid faces rising demand, retiring baseload, and policy delays. Can utilities, investors, and tech solutions keep the lights on?

The U.S. Department of Energy is launching a \$1.9 billion funding effort aimed at rapidly expanding the capacity of the nation's power grid by upgrading existing transmission lines.

Aging infrastructure and emerging technologies are forcing the grid to modernize to keep pace with historic and new expectations. Grid modernization encompasses a broad range of actions intended ...

California receives more than half a billion dollars in federal funds to improve power grid What you need to know: The U.S. Department of Energy awarded a \$600 million grant to a public ...

Funded through the Infrastructure Investment and Jobs Act, the Grid Resilience and Innovation Partnerships (GRIP) Program was authorized to provide up to \$10.5 billion in competitive funding ...

The U.S. Department of Energy launched a \$1.9 billion grid upgrade program as rising electricity demand from AI and data centers strains the nation's power infrastructure.

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