

On October 18, 2023, the U.S. Department of Energy announced up to \$3.46 billion in Grid Resilience and Innovation Partnerships (GRIP) Program investments for 58 projects across 44 states to ...

The U.S. Department of Energy's National Energy Technology Laboratory is working towards a modern power grid. Watch to learn more about our existing power grid and the changes that need to be ...

Consumers can better manage their own energy consumption and costs because they have easier access to their own data. Utilities also benefit from a modernized grid, including improved security, ...

In late 2021, the United States Department of Energy (DOE) sought input on a USD 10.5 billion programme for smart grids and other upgrades to strengthen the electricity grid.

Getting from Point A to Point B - from our present grid to the Smart Grid - requires a brief examination of the history and culture of the industry's primary custodians; namely, utilities and regulators.

This web page provides information and resources on several policy issues critical to the continued development of the Smart Grid, as identified in reports released by the Department of Energy's Office ...

To help support the modernization of the Nation's electric system consistent with Title XIII of the Energy Independence and Security Act of 2007, the Commission is focusing on issues ...

The Smart Grid vision generally describes a power system that is more intelligent, more decentralized and resilient, more controllable, and better protected than today's grid.

Equally critical to the success of this effort is the education of all interested members of the public as to the nature, challenges and opportunities surrounding the Smart Grid and its implementation. It is to ...

We support groundbreaking research on synchrophasors, advanced grid modeling and energy storage -- all key to a reliable, resilient electricity grid that's ready to power the generations ahead.

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