

# Doe smart grid



## Overview

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Learn more about modernizing our grid for the 21st century at [SmartGrid.gov](https://www.smartgrid.gov).

## Doe smart grid



### DOE Announces \$32 Million to Support Six Pilot Projects for Grid ...

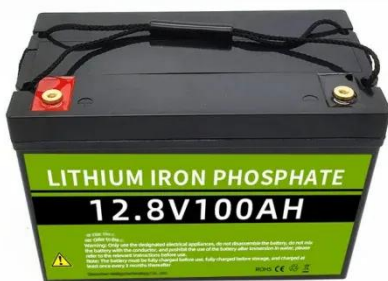
The U.S. Department of Energy (DOE) has announced \$32 million for six selected pilot projects to support new load growth through grid-edge innovations and the ability of energy providers to right ...

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### U.S. Department of Energy Funds to Help Strengthen APS Smart Grid ...

The funds are part of the DOE's Grid Resilience and Innovation Partnerships (GRIP) program, which is focused on enhancing and improving electric systems in rural, tribal and ...

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### US DOE Initiative On Grid Resiliency & Innovation

On Octo, 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 ...

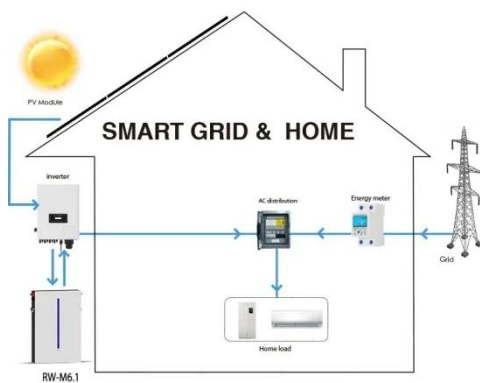
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## The DOE Wants Smart Grid

## Technologies and Virtual Power Plants to ...

The DOE emphasizes how dynamic line ratings, advanced power flow control, and energy storage systems, coupled with advanced conductors and distribution management systems ...

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## US DOE Invests \$32 Million for Grid-Edge Technology and Smart ...

Today, the U.S. Department of Energy (DOE) announced \$32 million for six selected pilot projects that will support new load growth through grid-edge innovations and the ability of energy

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## Public Power Utility Projects Funded by DOE Include Microgrids, ...

Projects that will receive funds recently announced by the Department of Energy include the development of microgrids, smart grid projects, and projects aimed at boosting grid resiliency.

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## Grid Modernization and the Smart Grid

Utilities also benefit from a modernized grid, including improved security, reduced peak loads, increased integration of renewables, and lower



operational costs. "Smart grid" technologies are made possible ...

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## Smart Grids , netl.doe.gov

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 ...



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## The Smart Grid: Status and Outlook

DOE noted that the nation's electricity system is in the midst of "potentially transformative change," with challenges for Smart Grid deployment remaining with respect to grid-connected ...

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