

A-Core Container

Government distributed energy storage



Overview

How can distributed energy resources benefit US communities and the grid?

DERs provide electricity generation, storage or other energy services and are typically connected to the lower-voltage distribution grid — the part of the system that distributes electric power for local use.

What is distributed energy resources?

If so, distributed energy resources (DER) could be the solution you're looking for. What are distributed energy resources?

Distributed energy resources are small, modular, energy generation and storage technologies that provide electric capacity or energy where you need it.

How has energy storage changed over the past decade?

Deployment of energy storage across the U.S. has increased significantly in the past decade, mostly driven by individual state and local government policies to support acceleration of renewable energy resources for a more robust, reliable, and resilient grid.

What are state energy storage procurement mandates & goals?

This table includes all existing state energy storage procurement mandates, targets, and goals. These terms describe various ways states may set an intention to attain a specified level of energy storage deployment by a specific date, and the role of regulated electric utilities in helping realize that intention.

Why are energy storage resources important?

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. Currently 23 states, plus the District

of Columbia and Puerto Rico, have 100% clean energy goals in place.

Which states have energy storage goals?

A 2021 law, An Act to Advance Energy Storage in Maine, established energy storage goals and directed steps to advance storage deployment. In 2023, Maryland's HB 910 established storage deployment targets. Massachusetts' energy storage target was established in 2018 by An Act to Advance Clean Energy and updated in 2024.

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