



# State Grid Photovoltaic Energy Storage Project





## Overview

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The loan guarantee will finance the deployment of up to 1,000 solar photovoltaic (PV) systems and battery energy storage systems (BESS) located primarily at commercial and industrial facilities and integrated across up to 27 states. As part of the Biden-Harris Administration's Investing in America agenda, the U. Department of Energy (DOE) Loan Programs Office (LPO) today announced the closing of a \$289. States often set interim targets to gradually build out their energy storage systems over time, including periodic reviews of progress. We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U. Legislation proposed in Illinois aims to establish the state's energy-storage mandate and implement a. Grid-scale energy storage stands as the missing link in Illinois's renewable energy revolution, transforming intermittent solar and wind power into reliable, around-the-clock electricity. In the past decade, the amount of electricity generated by wind has more than doubled, and solar has exploded to more than eight times the generation we saw ten years ago.



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### [Which states are poised to lead on battery storage?](#)

Massachusetts, Nevada, and Hawaii are developing energy storage. Here's why that is so important.

### [Energy Storage Targets , State Climate Policy Dashboard](#)

An overview of Energy Storage Targets across 50 U.S. States, with state-by-state policy progress, key resources, and model rules.



### [SEIA Announces Target of 700 GWh of U.S. Energy Storage by 2030](#)

-- The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious target to deploy 10 million distributed ...

### [California's Battery Storage Fleet Continues Record Growth](#)

We're deploying more battery storage than any state in America, building a stronger grid, cutting pollution, and making abundant clean energy even more affordable."



### [Grid-Scale Energy Storage: How Illinois Is Powering Its Clean Energy](#)

Grid-scale energy storage plays a crucial role in managing solar energy distribution during peak demand periods in Illinois. By storing excess solar power generated during off-peak hours, ...



### [DOE Announces \\$289.7 Million Loan Guarantee to](#)

The loan guarantee will finance the deployment of up to 1,000 solar photovoltaic (PV) systems and battery energy storage systems (BESS) located primarily at commercial and industrial ...



### [Illinois lawmakers propose 15 GW energy storage target by 2035](#)

Legislation proposed in Illinois aims to establish the state's energy-storage mandate and implement a virtual power plant (VPP) program to help optimize the power grid and flatten peak ...



### [Solar, battery storage to lead new U.S. generating capacity additions](#)



In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW of new utility ...



### [Battery Storage Projects Boost Southern California's Energy ...](#)

Projects Bring a Combined 600 MW of Solar and 390 MW of Battery Storage to Power 270,000 Homes and Create an Estimated 950 Construction Jobs For immediate release: March 17, ...



### [State by State: An Updated Roadmap Through the Current US Energy](#)

In 2024, Rhode Island became the 12th state to establish an energy storage target with a goal of installing 90 MW of energy storage capacity by the end of 2026, 195 MW by 2028, and 600 ...





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