

**Espay Solar Energy S.L.**

# **Regional photovoltaic energy storage policies**



## Overview

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This table includes all existing state energy storage procurement mandates, targets, and goals. These targets set a required amount of energy storage, typically expressed in megawatts (MW), that must be developed or procured by a certain date. 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. Explore the latest solar market insights and policy updates in all 50 states and Washington, D. All market data is current through Q3 2025. California leads as the top solar state. With over 54 GW of solar installed, enough energy to power over 15 million homes. Texas has the fastest growing. Clean Energy Group works with a diverse array of stakeholders across the country to support the development of state, regional and federal policies that will unlock the potential of energy storage. With the right policies and programs, energy storage will deliver benefits to every participant on. Driven by climate challenges, grid instability, and evolving policy landscapes, battery storage paired with residential solar is no longer a niche upgrade—it's becoming a strategic necessity for homeowners across the country.

## Regional photovoltaic energy storage policies

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### **Policies and Regulations**

State Solar Carve-Out Programs  
Solar Interconnection Standards & Policies  
Understanding Electricity Market Frameworks & Policies  
Interconnection standards define how a distributed generation system, such as solar photovoltaics (PVs), can connect to the grid. In some areas of the United States, the interconnection process lacks consistent parameters and procedures for connecting to the grid or is unnecessarily complex. This drives up costs and causes delays, which can be sign See more on [epa.gov/cesa](http://epa.gov/cesa)

### **Table of State Energy Storage Targets and Progress**

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 ...

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### **Policies and Regulations**

This page describes the patchwork of federal, state, and local policies and regulations pertaining to renewable energy systems that impact project

development.



### **Solar Energy Toolkit: The Federal and State Context: Policies Affecting**

Local governments have many tools at their disposal to influence solar energy development. At the same time, decisions made at the federal and state levels set the context for local action and impact the ...

### **Table of State Energy Storage Targets and Progress**

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### **Regional photovoltaic energy storage policies**

States have also focused on removing



regulatory barriers to adopting energy storage by requiring or authorizing utilities to consider energy storage in resource planning and by creating standards for connecting storage ...

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## Solar State By State - SEIA

Solar State By State Explore the latest solar market insights and policy updates in all 50 states and Washington, D.C. All market data is current through Q3 2025.



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## 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.

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## Energy storage system policies: Way forward and opportunities for

This paper provides a comprehensive review of ESS policies worldwide, identifying the different goals, objectives and the expected outcomes. It discusses

the benefits of having such policies, the impact ...



### **State by State: A Roadmap Through the Current US Energy Storage Policy**

Below we give an overview of each of these energy storage policy categories. Procurement targets require utilities to acquire a specified quantity of energy storage typically by a specified deadline.

### **Energy Storage Policy and Regulation**

CEG provides information, technical guidance, policy and regulatory design support, and independent analysis to help break down the barriers to energy storage deployment and advance the ...



### **Mapping the U.S. Residential Energy Storage Landscape: Regional**

The U.S. residential energy storage market is at a tipping point. As the solar + storage adoption rate by region



accelerates and residential ESS installation regulation continues to mature, businesses and ...



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