

# Renewable energy mandates by state





## Overview

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Thirty states, Washington, D.C., and two territories have active renewable or clean energy requirements, while an additional three states and one territory have set voluntary renewable energy goals. RPS legislation has seen two opposing trends in recent years.



## Renewable energy mandates by state

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### Report Name: Biofuel Mandates in the EU by Member State

Biofuel Mandates in the EU - Report 2023 Page 6 of 31 Introduction: The 2009 EU Energy and Climate Change Package set out a 10 percent minimum target for renewable energy consumed by the transport sector to be achieved by all EU member states (MS) in

### [Renewable Energy Industries: A Research Guide](#)

This guide to researching the business of generating and distributing renewable energy focuses on resources related to hydropower, solar, wind, geothermal, and biomass industries as well as the electric power sector in the United States.



### State Climate Policy Maps

A renewable portfolio standard (RPS), adopted in 29 states and the District of Columbia, which require a certain percentage of a utility's electricity to come from renewable energy sources. A clean energy standard (CES), adopted by seven states, which requires electric utilities to deliver a certain amount of electricity from renewable or clean energy sources.

### Solar Energy Toolkit: The Federal and State Context: Policies ...

State clean energy funds are another way to support renewable energy, energy efficiency, or low-income energy programs. They are capitalized by a small surcharge on electricity



consumption, as well as by voluntary donations and utility settlements.



### [U.S. State Electricity Portfolio Standards](#)

Twenty-five states and the District of Columbia require electric utilities to deliver a certain amount of electricity from renewable or other clean electricity sources. Eleven states have requirements or goals that have expired, have not been re-upped, or have been repealed. Most of these requirements take the form of either: a renewable portfolio standard (RPS) [...]

### **California Hits Milestones Toward 100% Clean Energy -- but Has ...**

California, under state law, must run on 60% renewable energy by 2030, ramping up to 100% by 2045. Signs of progress are emerging. From January to mid-July of this year, zero-carbon, renewable



### **Renewable mandates cause 'spillover' to neighboring states, ...**

The renewable portfolio standard is one of the most common clean energy policies adopted by states. As of 2023, 29 states and the District of Columbia had adopted an RPS; 17 of those set a target



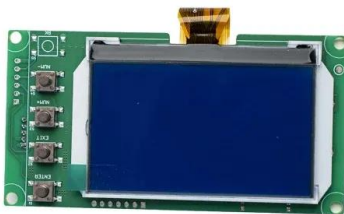
**State-level renewable energy policies: Strengthening ...**

In the new survey, all recipients received a central statement posing the possibility of the recipient's state adopting a new RPS bill requiring that the state meet 35% of its electricity needs with renewable energy sources by ...



**U.S. State Renewables Portfolio & Clean Electricity Standards: ...**

This report provides an overview and status update on U.S. state renewables portfolio standards (RPS) and has been expanded from previous editions to also cover 100% clean electricity ...



State Renewable Energy Mandates:

State Renewable Energy Mandates: A Regressive Green Tax on America's Poor Stephen Moore and Andrew Vanderplas Abstract The "green" activists' war on conventional energy sources is ramping



The 2020 US Renewable Energy Outlook

2019 S& P Global Market Intelligence Overview By Steve Piper, Research Director, Energy, S& P Global Market Intelligence Electricity from renewable power sources is transforming the U.S. electricity grid in ways few would have anticipated just a few years ago.





[New Report Breaks Down State-Level Renewable](#)

A new report funded by DOE, in collaboration with Lawrence Berkeley National Laboratory, the Regulatory Assistance Project, Clean Air Task Force, and others, inventories and simplifies the complex state-level policies of ...



**Governors Leading on Energy Transitions: An Overview of State Energy**

Governors Leading on Energy Transitions: An Overview of State Energy Goals 3 , P a g e Spotlights of State Clean Energy Goals 41 jurisdictions have renewable targets between 10 and 50 percent and 15 jurisdictions--California, Colorado, Connecticut, D.C., Hawai'i, Maine, Nevada, New Jersey, New York, New Mexico, Puerto

**Punctuated shifts or incremental change? A comparative analysis ...**

From 2015 to 2022, policymakers in thirteen states amended existing renewable energy mandates to require the electric power sector to generate 100 % of electricity from zero ...



[Renewable Energy Policies, Markets, and ...](#)

In China's 11th Five Year Plan, its broad renewable energy policy goal is to "accelerate renewable technology advancement and industrial system development ... specifically supporting the technology breakthrough and ...



### Renewable Energy Production and Use by State in 2024

Nebraska's renewable energy production  
Nebraska produced 12,252 thousand megawatt hours of electricity using renewable energy sources. That made up 31.2% of its total electricity, which ranked



### [Policies and Regulations , US EPA](#)

There is a patchwork of federal, state, and local policies and regulations pertaining to renewable energy systems that impact your project development. It is important to understand the policy landscape early in your development process. State Solar Carve-Out

### [State, Local, and Tribal Governments , NREL](#)

NREL provides information and resources on renewable portfolio standards (RPSs)--regulatory mandates to increase energy production from renewable sources other than fossil fuels and ...



### [State Renewable Energy Resources , US EPA](#)

Solar (photovoltaic, solar thermal) Wind Geothermal Biomass Biogas (e.g., landfill gas/wastewater treatment digester gas) Low-impact hydroelectricity Options for using renewable energy include: Generating renewable energy on-site using a system or device at the location where the power is used (e.g., PV panels on a state building, geothermal heat pumps, ...



### Renewable energy explained Portfolio standards

Renewable portfolio standards (RPS) and clean energy standards (CES) are either requirements or goals for energy producers or providers to supply energy from low- or zero-carbon emission sources. These policies require or encourage energy suppliers to provide their customers with a stated minimum share of energy from eligible energy resources.

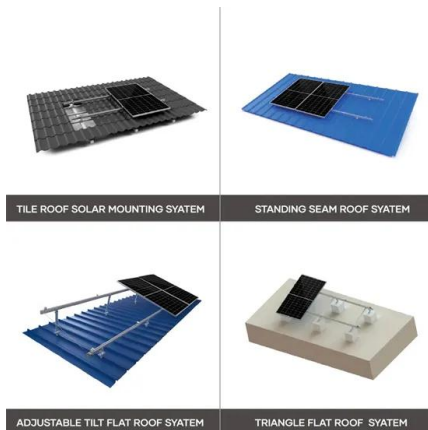


### Renewable Energy Resource Adequacy Planning to meet RPO by the States

7 published by Central Electricity Authority (CEA) is considered for the state-wise electricity demand in 2030. For the estimation of wind CUFs in 2030, National Institute of Wind Energy (NIWE) data is considered at varying CUF ranges (from small to high CUFs).

### Citizens must hold New York to Renewable Energy Mandates

New York passed the landmark Climate Leadership and Community Protection Act (CLCPA) in 2019. It requires the state to reduce economy-wide greenhouse gas emissions 40 percent by 2030 and no less



### Storage Strategies: An Overview of State Energy Storage Policy

In recent years, the United States has enacted significant legislation (the Infrastructure Investment and Jobs Act in 2021 and the Inflation Reduction Act of 2022) that will spur greater development of domestic renewable energy resources. In addition, President Joseph Biden has also set a number of goals relating to renewable energy development such as ...



### U.S. state policies for renewable energy: Context and effectiveness

Over the past decade, state policies on renewable energy have been on the rise in the U.S., providing states with various options for encouraging the generation of renewable ...



### Renewable Energy

back to home page Leading New York's Clean Energy Transition New York is rapidly transitioning to an electricity system powered by renewable energy sources such as wind, solar, and hydropower. This accelerated renewable energy development is guided by the Climate Act, which sets nation-leading goals for achieving 70% renewably sourced electricity by 2030 and a zero ...

### Berkeley Lab publishes status update on state clean electricity

We are pleased to announce the release of Berkeley Lab's 2024 edition of U.S. State Renewables Portfolio & Clean Electricity Standards. The report provides an overview and status update on U.S. state renewables portfolio standards (RPS) and has been expanded



### Five states updated or adopted new clean energy standards in 2021

As of the end of 2021, 31 states and the District of Columbia had renewable portfolio standards (RPS) or clean energy standards (CES). These policies require electricity suppliers to supply a ...



### State-level Renewable Portfolio Standards (RPS)

State Renewable Portfolio Standards (RPSs) are flexible-market based policies which ensure that public benefits of renewable energy are recognised. An RPS requires that electricity providers to obtain a minimum percentage of their power from renewable energy resources by a certain date.



PUSUNG-R (Fit for 19 inch cabinet)

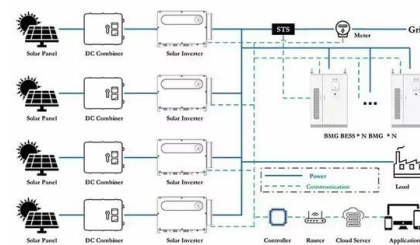


### [State Renewable Energy: Policies , US EPA](#)

EPA's State Energy and Environment Guide to Action offers real-world best practices to help states design and implement policies that reduce emissions associated with ...

### State-level renewable energy policies: Strengthening critical ...

In Brief In recent years, many US states have been weakening their policies that call for the future adoption of renewable energy. An MIT analysis shows that in this policy arena, state legislators are broadly responsive to public opinion. Based on data from a public opinion survey, the researchers offer practical advice on how to... Read more



### [Renewable Electricity Mandates and Goals](#)

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[New Report Breaks Down State-Level Renewable](#)

State and/or local government involvement in renewable energy development varies widely across the United States. A new report funded by DOE, in collaboration with Lawrence Berkeley National Laboratory, the Regulatory Assistance Project, ...

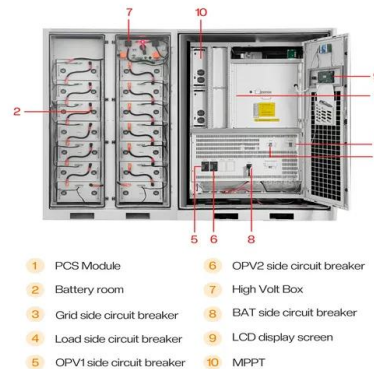


[Growth of Renewable Energy in the US](#)

Yet despite record growth, renewable energy installations need to ramp up even faster. Analyses of achieving 100% carbon-free electricity by 2035, what's needed to achieve U.S. greenhouse gas reduction targets, indicate that annual installation rates of renewables in coming years need to nearly double the rates seen in 2023.

**Report Name: Biofuel Mandates in the EU by Member State**

Biofuel Mandates in the EU - Report 2024 Page 6 of 34 Introduction: The European Union (EU) adopted the second iteration of the Renewable Energy Directive (REDII) for the period 2021-2030 in 2018. Most of the provisions of this Directive 2018/2001 entered into





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