# **SOLAR** PRO. Spain enexus renewable

## What are Spain's energy policies?

The country's energy policies are centred on massive deployment of renewable energy, energy efficiency, electrification and renewable hydrogen. While the share of renewables in the electricity sector has risen, the report finds Spain's total energy mix is still heavily dominated by fossil fuels.

#### Does Spain still generate more electricity from renewable sources?

Spain continues to generate more electricity from renewable sources its renewable share of electricity rose to 50.8 percent in 2023 from 42.2 percent in 2022. According to a draft government report issued in June, Spain's goal is to raise the share of renewables to four-fifths by 2030.

### What will Spain's energy plan entail in 2025?

The draft government plan also contains the phase-out of nuclear energy and speeds up Spain's exit from coal,now set for 2025. Spain is pushing renewables despite a 3 percent reduction in energy demand last year due to higher capital costs and energy efficiency measures.

### What percentage of energy is generated in Spain?

RE generated / Total electricity generation. Renewable energy in Spain, comprising bioenergy, wind, solar, and hydro sources, accounted for 15.0% of the Total Energy Supply (TES) in 2019. Oil was the largest contributor at 42.4% of the TES, followed by gas, which made up 25.4%.

## Will Spain raise its share of renewables by 2030?

According to a draft government report issued in June, Spain's goal is to raise the share of renewables to four-fifthsby 2030. The new climate plan includes higher targets for solar and wind power capacity as well as energy storage.

### Which energy sources provide the most electricity in Spain?

In 2015, wind powerprovided the largest share at 19.1% followed by hydroelectric power at 11.1%. Solar power provided 5.2% and renewable thermal a further 2%. The total electricity supplied (demand coverage) from renewables was 37.4% of Spain's requirements in 2015.

Spain is in fourth place in terms of having the highest growth potential for renewable energy in the next five years, behind the United States, China and Germany. This is reflected in the fourth edition of the Global Trends Report 2024, prepared by the Spanish company RatedPower, which specialises in this industry and has been part of the US ...

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Spain will be able to meet 68% of its electricity demand with renewable energy by 2030 and 88% in 2050, according to a report co-authored by Bloomberg New Energy Finance (BNEF) and Spanish renewables and infrastructure group Acciona SA (BME:ANA).

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Spain generated almost 60% of its electricity from renewable energy sources in the first half of 2024 helped by new solar capacity and more output from hydropower plants, data from grid...

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In terms of electricity generation (a subset of total energy consumption), over 50 percent was produced from renewable sources. Compared to the EU average, Spain has been slightly behind historically, despite its advantages in terms of natural endowments (such as a 15 to 20 percent cost advantage for solar and wind).

Spain's 2050 objective for national climate neutrality calls for renewables to provide 100% of electricity and 97% of the total energy mix. The country's energy policies are centred on massive deployment of renewable energy, energy efficiency, electrification and renewable hydrogen.



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