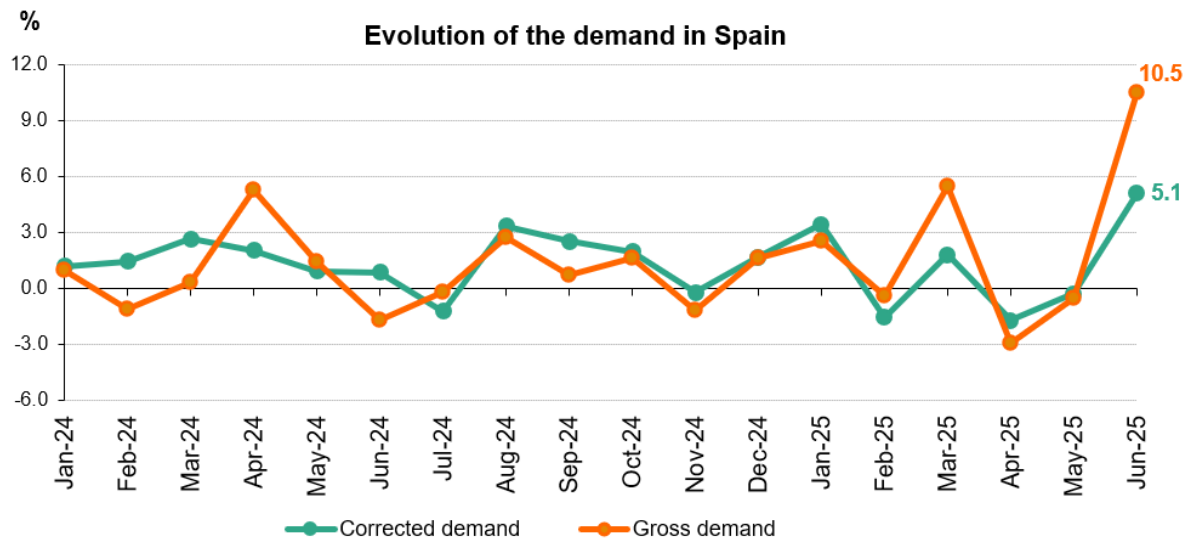


Spain's demand for electricity increased by 5.1% in June

Record-breaking solar PV output boosted renewables to generate 54.1% of the country's electricity.

Madrid, 03 July 2025

National electricity demand in June increased by 5.1% compared to the same month last year, after adjusting for the effects of working patterns and temperature. This represents an estimated gross demand of 21,705 GWh, marking a 10.5% increase over June 2024.

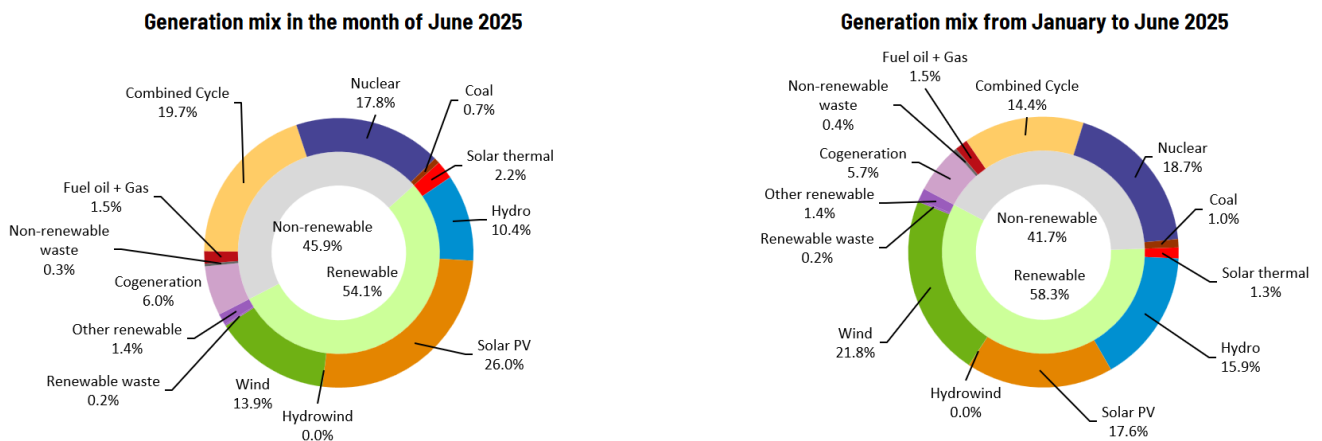


From January through June 2025, Spain recorded a demand of 124,901 GWh, 2.5% higher than in the same period in 2024. When adjusted for the effects of calendar and temperature, the increase stands at 1.2%.

This June, Spain's electricity system set a new record for solar photovoltaic generation, reaching 5,997 GWh—a 25% increase over June 2024. This gave PV a 26% share of the monthly generation mix, placing it as the leading technology for the month. Solar PV also hit a new daily share record on 6 June, when it accounted for 30.7% of total generation.

Solar PV leads Spain's generation mix in June, followed by combined cycle gas with a 19.7% share and nuclear power at 17.8%.

Renewables generated a total of 12,463 GWh in June, reaching a 54.1% share of the national mix. Meanwhile, technologies that produce no CO₂-equivalent emissions accounted for 71.9% of total generation.



Storage technologies enabled the integration of 779 GWh of electricity into the Spanish electricity system in June, helping optimise the use of renewable generation. Additionally, 998 GWh of electricity were scheduled for export to neighbouring countries during the month.

The electricity system in Islas Baleares and Islas Canarias

Electricity demand in Islas Baleares in June 2025 was 7.8% higher than in the same month of 2024, after adjusting for the effects of working patterns and temperatures. In absolute terms, monthly demand was estimated at 621,016 MWh—14.8% higher than the previous year. During the first half of the year, electricity demand in Islas Baleares reached 2,857,906 MWh, an increase of 4.1% compared to the same period in 2024.

In terms of electricity production, the combined cycle remained the leading energy source, supplying 61.6% of the energy produced in Islas Baleares. Renewable generation in the region grew by 7.9% compared to June 2024 and accounted for 16.8% of total generation.

Additionally, the underwater link between the Peninsula and Mallorca helped meet 27.5% of Islas Baleares' electricity demand in March.

In Islas Canarias, electricity demand grew by 0.8% in June compared to the same month in 2024, after adjusting for the effects of working patterns and temperatures. This represents an estimated gross demand of 707,118 MWh, marking a 0.9% increase year-over-year. So far in 2025, electricity demand in Islas Canarias has reached 4,287,531 MWh, which is 0.5% lower than in the same period of the previous year.

With respect to generation, combined cycle remained the leading source in Islas Canarias in June, accounting for 40.8% of total electricity produced. Renewables contributed 26.9% of total generation, providing 190,543 MWh. Wind generation accounted for 146,926 MWh—a 13.1% increase over the same month in 2024—representing 20.8% of the island's generation mix.

For more statistical information about the electrical system, visit our Data section on the website:

[Access the Data](#)