red eléctrica
A Redeia company

Press release

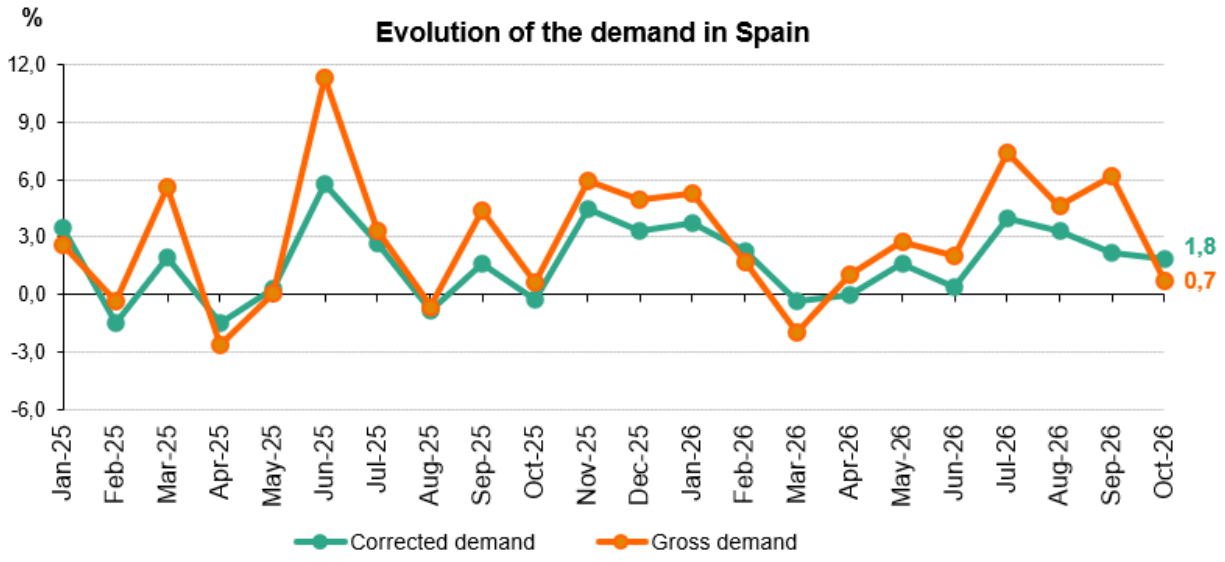
Spain's electricity demand increases by 1.8% in October 2026

Renewable generation accounted for 48.4% of the generation mix during the tenth month of the year, a figure that rises to 49.9% when taking self-consumption into account.

Madrid, 3 November 2026

National electricity demand increased by 1.8% in October compared to the same month last year, after adjusting for working patterns and temperatures. In gross terms, demand reached 20,601 GWh, 0.7% higher than in the same month of 2025.

In October, based on data available today, it is estimated that self-consumption installations generated 1,170 GWh.



Note: This chart does not include self-consumption data.

In the first ten months of 2026, taking into account the impact of working patterns and temperatures, Spain recorded a 1.9% increase in demand compared to the same period last year. In gross terms, cumulative demand up to October reached 218,874 GWh, 3% higher than in the same period last year.

gabinetedeprensa@redeia.com
www.ree.es > Press Office
Tel.: 91 453 33 33 - 91 728 62 17

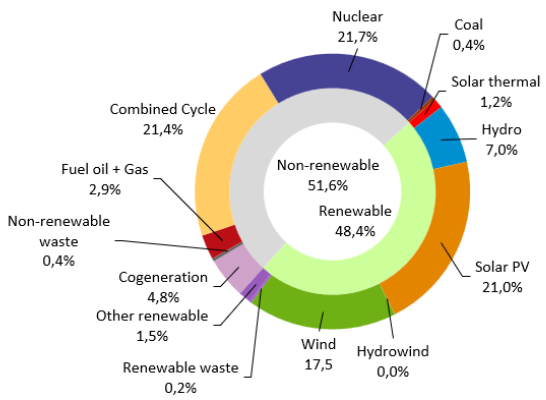
redeia

Electricity generation

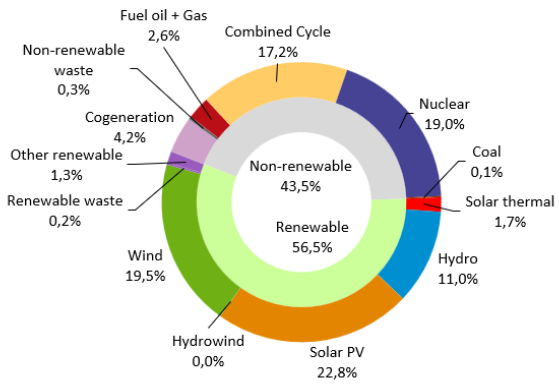
Renewable technologies generated 10,988 GWh in October, representing 48.4% of the total generation structure. When accounting for electricity generation data from renewable self-consumption installations, the renewable share of the Spanish mix rose to 49.9% this month, according to available estimates.

During the month, nuclear power was the leading generation source at 21.7%, followed by combined cycle at 21.4% and solar photovoltaic in third place at 21%. During this period, 70.2% of generation was free of CO_2 equivalent emissions.

Generation mix in the month of November 2026



Generation mix from January to November 2026



With the aim of making greater use of renewable generation, a total of 778 GWh was integrated into the grid in October through battery storage and hydraulic pumping, 4.7% more than in the same month last year, helping to shift energy from periods of higher availability to other times of the day.

The electricity system in Islas Baleares and Canarias

Electricity demand in **Islas Baleares** increased by 4.8% in October after adjusting for working patterns and temperatures. In gross terms, monthly demand is estimated at 521,433 MWh, 4.2% higher than that recorded during the same month of 2025. In the first ten months of 2026, electricity demand in Islas Baleares stood at 5,774,409 MWh, 6.2% higher than in the same period of the previous year.

gabinetedeprensa@redeia.com
www.ree.es > Press Office
Tel.: 91 453 33 33 - 91 728 62 17

Regarding electricity generation, combined cycle, accounting for 67% of the energy produced in Islas Baleares, was the leading generation source on the islands this month, followed by solar photovoltaic, which increased its production by 12.7% compared to the previous year and in October was responsible for 10.3%, and gas turbines at 10%. Thus, renewable energy grew by 24.2% compared to the same period last year, reaching a share of 13.9% of the total generation in the archipelago.

During this tenth month of the year, the subsea link between the Peninsula and Mallorca helped cover 19.7% of electricity demand in Islas Baleares.

Turning to the **Canarias archipelago**, electricity demand grew by 3.1% compared to the same month in 2025, adjusting for working patterns and temperatures. In gross terms, demand stood at 813,934 MWh, 2.7% higher than in October of the previous year. For the year to date in 2026, Canarias recorded a demand of 7,622,004 MWh, 2.1% higher than in the same period of 2025.

Lastly, in terms of electricity generation, combined cycle, accounting for 41% of the total, was the leading source in Canarias in October, followed by diesel engines at 20.7%, and steam turbines at 16.4%. Wind power followed with a 12.9% share. In October, renewable technologies accounted for a 17.7% share of the mix.

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

Access the data

gabinetedeprensa@redeia.com
www.ree.es > Press Office
Tel.: 91 453 33 33 - 91 728 62 17