

January - Portugal with the second lowest hourly average wholesale electricity price in Europe

- In January 2025, renewable sources accounted for 79.9% of the electricity generated in mainland Portugal, with wind energy leading (37%).
- Of the European markets analysed, Portugal recorded the second lowest hourly average electricity price in the wholesale market in Europe, only behind Norway and alongside Spain.
- There were 190 total renewable hours in the month, equivalent to about 8 days.
- Renewable electricity has delivered an average saving of €185.3/MWh and cumulative savings of €8.844 billion.
- Of the European markets analysed, Portugal was the third country in Europe with the highest renewable incorporation in electricity generation.
- Since 2015, installed capacity has increased by 8,515 MW (+69.3%), reinforcing the national commitment to the energy transition.

Lisbon, 18th February de 2025 — The [Renewable Electricity Bulletin](#) prepared by [The Portuguese Renewable Energy Association \(APREN\)](#) highlights that, in the first month of 2025, electricity generated from renewable sources accounted for 79.9% of the total production of 4,837 GWh in mainland Portugal. This figure reflects the continued contribution of hydro and wind technologies, in line with January 2024 records.

In the European context, between January 1st and January 31st, 2025, Portugal was the third country with the highest **renewable incorporation in electricity generation** among the markets analysed, with 79.9%, behind only Norway (96.7%) and Denmark (84.6%). He thus rose from the usual fourth place by overtaking Austria.

Portugal also registered, among the European markets analysed, the second lowest hourly average wholesale electricity price at European level, behind Norway and together with Spain, reflecting the positive impact of the high renewable incorporation on the competitiveness of the national and Iberian electricity market. Throughout the month, renewables provided an average saving of around **€185.35/MWh** and accumulated savings of around **€8,844 million**.

APREN's detailed analysis also shows that wind technology led in January, representing 37% of the electricity produced in the country, followed by hydro, with 32%. Solar energy totaled 5.7%, close to Bioenergia's 5.1. There were 190 total renewable hours in the month, equivalent to about 8 days.



For Pedro Amaral Jorge, CEO of APREN, "About 80% of the electricity produced in January came from renewable sources, with wind energy standing out. It is also relevant to note that Portugal had the second lowest hourly average wholesale electricity price in Europe, behind only Norway and in the same position as Spain. These figures demonstrate the impact of renewables in reducing electricity bills, and make obvious the need to adapt the current market design to the renewable reality, so that it can capture all the economic benefits that clean energy production entails.

The growth of installed renewable capacity has been a determining factor in the country's energy transition. Between January 2015 and December 2024, there was an increase of 8,515 MW in installed capacity, which represents a growth of 69.3%. In the last year, between December 2023 and December 2024, there was an increase of 1,974 MW, driven mainly by solar photovoltaic technology, which recorded a growth of 1,144 MW in the centralised component and 624 MW in the decentralised component. At the end of 2024, renewable capacity represented around 76% of the total installed capacity in Portugal.

APREN highlights the positive results of renewable electricity production in mainland Portugal, which show the sector's effort and commitment to the energy transition and its work in reducing the effects of climate change. The energy transition and the achievement of climate goals depend on a solid commitment to the valorization and expansion of renewable energies in Portugal.

The full bulletin is available at the following [link](#).

About APREN:



The Portuguese Renewable Energy Association (APREN) is a non-profit association founded in October 1988. Its mission is to coordinate and represent the common interests of its members, promoting renewables energies in the electricity field. APREN works together with official bodies and other similar entities, at national and international level, constituting an instrument of participation in energy and environmental policies through the use and valorization of natural resources for electricity production, namely in the fields of hydro, wind, solar, geothermal, biomass, biogas and urban solid waste