

October: Wind power accounts for almost 40% of the energy produced in Portugal

- *In mainland Portugal, 38,229 GWh of electricity were generated from January to October 2024, of which 81.8% came from renewable sources;*
- *The incorporation of renewable electricity accumulated from January to October registers an increase of 14 percentage points compared to the same period last year .*
- *In October, wind technology was the one that stood out the most, representing 38% of the electricity generated in Portugal;*
- *An average hourly price of €54.5/MWh was recorded in the Iberian Electricity Market in Portugal, which represents a reduction of 41% compared to the same period last year;*
- *Portugal remains the fourth European country with the highest renewable incorporation in electricity generation, only behind Norway, Austria and Denmark.*

Lisbon, 14th November 2024 — The Renewable Electricity Bulletin prepared by [The Portuguese Renewable Energy Association \(APREN\)](#) highlights that, from January to October 2024, renewable energy contributed more than 81% to the generation of a total of 38,229 GWh of electricity in mainland Portugal. The incorporation of renewable energy in electricity production registers an increase of 14 percentage points compared to the same period last year and contributes to a drop in fossil electricity production, by 15.7% compared to the values recorded in 2023. The decrease is justified by the drop in electricity production from natural gas.

In view of these figures, APREN highlights the positive results of electricity production in mainland Portugal in the accumulated period from January to October 2024, which show the effort and commitment of the sector to the energy transition and its work to reduce the effects of climate change.

The Bulletin also indicates that, between 1 and 31 October 2024, renewable incorporation was 78.6%, making up 2,959 GWh of the 3,766 GWh produced in the month under review. Compared to October 2023, the amount of electricity generated is slightly higher, mainly due to a reduction in fossil production from 18.8% to 11.9%, due to the reduction in production from natural gas from 15.6% to 8.1%.

Wind technology was the main source of energy production during the month of October, accounting for 38% of the electricity produced in Portugal.

For Pedro Amaral Jorge, CEO of APREN, *"Since the beginning of the year, Portugal has consolidated its position as the fourth country in Europe with the highest incorporation of renewable sources in electricity generation. This month, more than 78.6% of the electricity produced in the country came from renewable sources, with emphasis on wind energy, which accounted for almost half of this production. At the same time, we continue to record a significant reduction in electricity generation from fossil sources, with a decrease of more than 6%, compared to October 2023. These results reflect Portugal's effort to promote the energy transition and consolidate a more sustainable electricity system."*



According to what has been recorded throughout 2024, in October, Portugal continued to be the fourth country with the highest renewable incorporation in Europe, with 78.6%.

With regard to the average hourly price, between January 1st and October 31st, the average hourly price recorded in the Iberian Electricity Market (MIBEL) in Portugal was €54.5/MWh, which represents a reduction of 41% compared to the same period last year. During this period, 1,749 non-consecutive hours were recorded in which renewable generation was sufficient to supply the electricity consumption of mainland Portugal, with an average hourly price in MIBEL of 42.9 €/MWh.

The results achieved in October 2024 and in the first ten months of the year highlight what has been Portugal's positioning and leadership in the production of renewable electricity in Europe.

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.