

Portugal reaches new milestones in Renewable Energy production in 2024

- *Incorporation of renewable energy reached 84.5% in May, an increase of 17 percentage points compared to the same period last year;*
- *The generation sector emitted a total of 0.7 MtCO₂eq, and the renewable electricity sector avoided the emission of 5.2 MtCO₂eq*
- *An average hourly price was recorded in the Iberian Electricity Market in Portugal of €35.5/MWh, representing a reduction of 59.8% compared to last year;*
- *O Sistema Elétrico Nacional registou um saldo importador de 1 000 GWh, com exportações de eletricidade de 3 105 GWh e importações de 4 105 GWh.*
- *Portugal continues to secure the third position of the countries with the highest incorporation of renewable energy in electricity generation.*

Lisbon, 18th June 2024

The [Portuguese Renewable Energy \(APREN\)](#) reviews with satisfaction the positive results of electricity production in mainland Portugal in the month of May 2024 and in the cumulative period from January to May 2024. These results highlight the country's ongoing commitment to the energy transition and environmental sustainability.

Between May 1 and 31, 2024, the incorporation of renewable energy reached 84.5%, totaling 2,784 GWh of the 3,295 GWh produced in the month. This represents an increase of 17 percentage points compared to May 2023. The growth is partly due to the significant increase in hydro production, which rose by 21.6 percentage points from 243 GWh in May 2023 to 976 GWh in May 2024. On the other hand, there was a reduction of around 19 percentage points in electricity generation from fossil sources, which decreased from 698 GWh in May 2023 to 162 GWh in May 2024.

"From January to May 2024, mainland Portugal generated a total of 22,754 GWh of electricity, of which 84.2% came from renewable sources. This remarkable performance reflects the country's continuous progress towards energy sustainability," said Pedro Amaral Jorge, president of APREN.

Portugal continues to secure the third position of the countries with the highest incorporation of renewable energy in electricity generation, behind Austria and Denmark, which obtained 83.1% and 82.9%, respectively.

Regarding CO₂ emissions, the electricity generation sector emitted a total of 0.7 million tonnes of CO₂ equivalent (MtCO₂eq). In contrast, the renewable electricity sector avoided the emission of 5.2 million tons of CO₂ equivalent, demonstrating the positive impact of renewables on climate change mitigation.

Regarding the average hourly price, between 1 January and 31 May, the average hourly price recorded at MIBEL in Portugal (35.5 €/MWh), which represents a reduction of 59.8% compared to the same period last year. In the same period, 1,605 non-consecutive hours were recorded in which renewable generation was sufficient to supply mainland Portugal's electricity consumption, with an average hourly price in MIBEL of €37.7/MWh.

The results obtained in May 2024 and in the first five months of the year reaffirm Portugal's leadership in renewable energy production and underline the importance of continuing to invest in clean technologies to achieve sustainability and energy security goals.

The full bulletin is available on this [link](#).

About APREN:



The [Portuguese Renewable Energy \(APREN\)](#) 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