

France clean electricity



Overview

Driven by nuclear, hydropower, and renewable energy sources, the French electricity mix has now reached an unprecedented low-carbon level of 95%. 5 TWh, a figure unseen since 2019. Significantly, nuclear energy contributes the lion's share, accounting for almost 70% of the electricity generation. Renewables expansion has slowed, and state-owned electricity utility EDF faces uncertain long-term financing capacity. A plan intended to define the country's energy strategy up to 2035 is still pending. This regularly updated guide provides an overview of how far France has come in its transition. France is currently producing 95% of its energy with clean sources.

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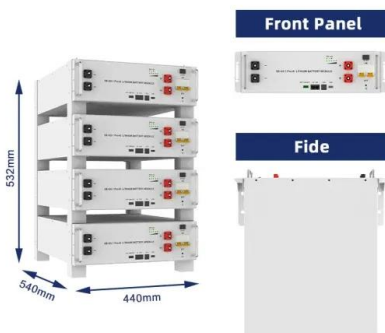


[France flexes clean power clout as nuclear and solar output climb](#)

France's power producers have lifted clean energy output to six-year highs so far this year and generated around 95% of all the country's power supplies from clean energy sources - far

Energy in France

The electricity sector in France is dominated by nuclear power, which accounted for 72.3% of total production in 2016, while renewables and fossil fuels accounted for 17.8% and 8.6%, respectively. France has the largest share of nuclear electricity in the world. The country is also among the world's biggest net exporters of electricity. The French nuclear power sector is almost entirely owned by the French government and the de...



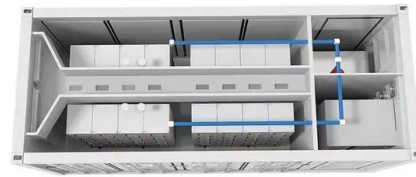
[France, a driving force behind renewable energy in Europe](#)

France is a leading player in the renewable energy sector in Europe, providing 22% of its energy consumption in 2023. A pioneer in the continent's carbon-neutral strategy by 2050, it is ...

[2024: Record Electricity Production, Lower Carbon Than Ever!](#)

Driven by nuclear, hydropower, and renewable energy sources, the French electricity mix has

now reached an unprecedented low-carbon level of 95%. In 2024, France returned to record ...



[Renewable energy in France](#)

France is setting ambitious energy transition objectives to attain carbon neutrality by 2050. The country accounted for some of the largest energy transition investments worldwide in 2023

...

Energy in France

Government policy aims to increase renewable energy use; in 2015, the French parliament passed a comprehensive energy and climate law that includes a mandatory renewable energy target requiring ...



[Surprising new report reveals how France is reaping benefits of](#)

France is currently producing 95% of its energy with clean sources. Reuters reported that France's clean energy production is at a six-year high. While the country's wind and hydro power

...



[CLEW Guide - France caught between national and](#)

By far the largest source of climate-friendly electricity is nuclear energy, with a share of 68 percent, followed by wind and solar power at 12 percent, which is below the global average.



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[France's clean energy output reaches six-year high](#)

Clean energy production in France has reached a six-year high, with nearly 95% of the country's power generated from clean sources, a significant lead over other European countries, ...

[France Electricity Generation Mix 2025 . Low-Carbon Power Data](#)

France has made remarkable strides in securing its electricity needs from sustainable, low-carbon sources, with nearly 97% of its electricity coming from these sources in 2025.



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