

France imports new energy storage





Overview

Aiding in LNG imports, France has just received its first floating storage regasification unit (FSRU) mid-September 2023. The FSRU was placed in Le Havre and has an LNG processing capacity of 177 billion cubic feet per year (Bcf/y).⁵How big is France's energy storage capacity?

Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. France had 90MW of capacity in 2022 and this is expected to rise to 359MW by 2030. Listed below are the five largest energy storage projects by capacity in France, according to GlobalData's power database.

How much electricity does France export?

France has nearly reached 70 billion kWh of net exports on multiple occasions since the first time reaching 70 billion kWh of net exports in 1995. France's total electricity imports totaled 24.5 billion kWh, and exports totaled 69.4 billion kWh in 2021.

Does France import natural gas?

Although Russia's natural gas only accounted for 17% of total French natural gas imports in 2020, since Russia's invasion of Ukraine, France has become a more significant importer and hub for liquefied natural gas (LNG), especially from the United States. As a result, France now.

How is energy used in France?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

How much natural gas did France import in 2022?

France imported 1.6 trillion cubic feet (Tcf) of natural gas, while exporting 188.9 Bcf in 2021 (Figure 8). Natural gas flows through France likely increased



32% to 5.7 Bcf/d in 2022 primarily because of a 203% surge in LNG imports at 3.1 Bcf/d.

Why did France recommission a coal power plant in 2022?

The European energy crisis in 2022 led France to recommission a coal power plant in Saint-Avold temporarily into 2023 to make two operational coal plants in the country, the plant in Cordemais with 1.2 GW of capacity and the plant in Saint-Avold with 600 MW of capacity.



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LFP 280Ah C&I

GazelEnergie, Q Energy launch 35-MW battery in France

European renewables developer Q Energy and French energy company GazelEnergie on Monday announced the inauguration of a 35-MW/44-MWh energy storage ...

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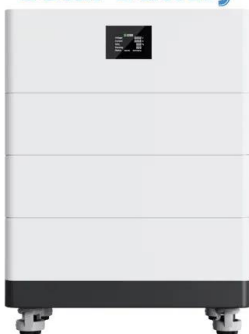
TagEnergy launches construction of France's largest ...

TAGENERGY, a global leader in low-carbon energy solutions, launches construction of France's largest battery energy storage platform ...

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**High Voltage
Solar Battery**



'A very good year': France toasts rapid energy storage ...

Close to 900MW of publicly announced battery storage projects will be online in continental France by the end of next year.

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Europe's LNG imports decline 19% with gas demand ...

Gas demand reduction policies and renewable energy deployment helped drive a 19% decrease in Europe's LNG imports in 2024.



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Geographic Region: France

Yara has officially opened its new ammonia import terminal in Germany, with enough capacity to handle 3 million tons of ammonia imports per year. In France, Trammo will support the ...

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Nuclear Power in France

This decision was taken in the context of France having substantial heavy engineering expertise but few known indigenous energy resources. Nuclear energy, with the ...

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[Top five energy storage projects in France](#)

France has taken a major step in expanding its energy storage capacity with the activation of a 100 MW/200 MWh battery energy storage system (BESS) at the port of Nantes ...

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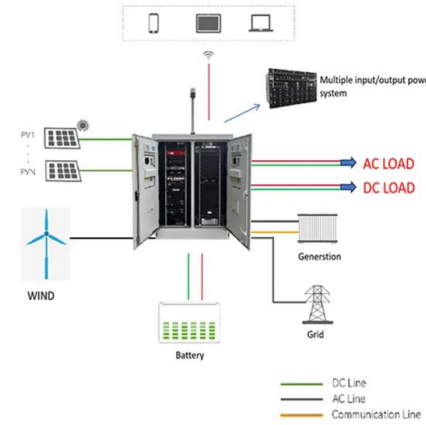




Country Analysis Brief: France

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Ministers give nod to EU energy security agenda , Euractiv

EU energy ministers yesterday (19 February) broadly confirmed the European Commission's draft energy security roadmap, endorsing six priority infrastructure projects, ...

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Electricity storage: the challenges of tomorrow

Electricity storage plays a key role in balancing power grids, providing flexibility to grid operators. In France, the current storage capacity includes nearly 5 GW of pumped hydro ...

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The Future of Energy in France: Renewable Storage Trends ...

France's energy storage market is experiencing explosive growth, driven by the need to integrate intermittent renewables like solar and wind into its low-carbon grid.

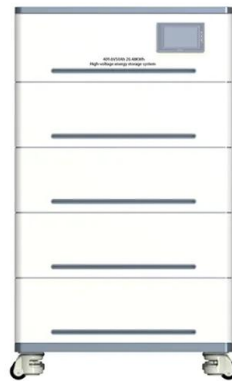
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9 September 2025

3 days ago· According to the statistics released by the French Ministry of Economy, Finance and Industry, in the January-June period this year, France's basic steel product and ferroalloy ...

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france Archives

A roundup of energy storage news from across the EU, involving Polar Night Energy's 'Sand Battery' in Finland, GazelEnergie and Q Energy in France, and Spain's ...

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France's Energy Storage Revolution: A USD 15 Billion

France is leading the charge in the energy storage revolution, with its industrial and commercial energy storage market set to soar from USD 6.985 billion in 2022 to USD ...

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France: Europe's largest LNG importer [Global Gas ...

France has emerged as the fifth largest LNG market in the world, even if the country's gas consumption has peaked. LNG demand is likely to ...

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France

Imports, particularly of fossil fuels like oil, natural gas and coal, make up an important part of the energy supply in many countries. Countries that rely ...

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Europe Faces a Natural Gas Supply Challenge This Year

Europe faces a natural gas supply challenge this year as it needs a significant volume of gas to meet storage targets for next winter, potentially driving up prices for liquefied ...

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France Activates Its Largest Battery Storage System to Support ...

France has taken a major step in expanding its energy storage capacity with the activation of a 100 MW/200 MWh battery energy storage system (BESS) at the port of Nantes ...

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[Top five energy storage projects in France](#)

Listed below are the five largest energy storage projects by capacity in France, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

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France

Imports, particularly of fossil fuels like oil, natural gas and coal, make up an important part of the energy supply in many countries. Countries that rely heavily on imported energy may be ...

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TagEnergy launches construction of France's largest battery energy

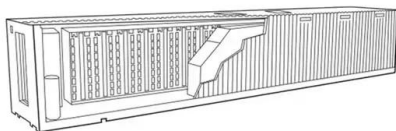
TAGENERGY, a global leader in low-carbon energy solutions, launches construction of France's largest battery energy storage platform (France, Marne). This ...

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[Top five energy storage projects in France](#)

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Tesla to Power France's Biggest Battery Storage Hub

The new energy storage project, located near Reims in the Marne region, is set to be a game-changer in France's energy landscape. This ...

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New report: European battery storage grows 15% in 2024, EU energy

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking installations, and bringing ...

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France Energy Storage System Market (2025-2031) , Trends, ...

France Energy Storage System Market Trends
The France energy storage system market is experiencing significant growth driven by the increasing deployment of renewable energy ...

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Europe's LNG capacity buildout outpaces

The annual import capacity of European LNG terminals is set to reach 406 bcm by 2030 as new terminals come online, while the continent's total gas demand is expected to fall to around 400 ...

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Energy industry in France

France's energy supply was still dominated by fossil fuels and nuclear energy in 2023, the latter of which France is the most strenuous supporter and largest producer in ...

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GazelEnergie, Q Energy launch 35-MW battery in France , Energy Storage

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