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## Total investment in LNG peaking energy storage projects in Western Europe

How has new LNG import infrastructure impacted European gas prices?

Since 2022, over 50 bcm of new LNG import infrastructure eased supply congestion and helped narrow the price gap between European gas hubs and LNG spot prices. EU is the top global LNG import market. In 2023, EU Member States imported 134 bcm of LNG, making up 42% of total EU gas imports.

How much money does the EU spend on gas & LNG?

Of this, EUR 117.4 billion came from the US, EUR 37.5 billion from Russia and EUR 34.4 billion from Qatar. From the beginning of 2022 to June 2025, EU countries spent about EUR 120 billion on pipeline gas and LNG imports from Russia. The average prices EU Member States paid for LNG in H1 2025 were similar to those in 2021.

How has LNG regasification impacted Europe?

Since February 2022, the LNG regasification capacity in the EU has expanded by 50 bcm to facilitate the surge in LNG imports. New regasification infrastructure has helped to alleviate congestion and contributed to reduce price spreads between European gas hubs and LNG spot prices. A massive expansion of global LNG export capacity is happening.

How much does Europe spend on LNG imports in 2022?

EU countries spent about EUR 258 billion on LNG imports from the beginning of 2022 to June 2025. Of this, EUR 117.4 billion came from the US and EUR 37.5 billion from Russia. Europe's gas consumption has increased this year because of cold weather and low renewable power generation.

Europe: During the energy crisis, EU successfully secured gas supply and diversified gas imports away from Russia, with LNG playing a key role in this shift. Since 2022, over 50 ...

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About IEEFA's European LNG Tracker is an interactive dataset that visualises Europe's\* LNG infrastructure, capacity, demand and import flows. It is built by compiling data ...

LNG is playing an increasingly important role in Europe's energy (and specifically gas) supply mix. After a period of low utilisation of Europe's LNG import terminals between ...

Brussels, 31 October 2023 | The gap between Europe's LNG capacity and demand continues to widen. Europe has added six new LNG terminals ...

The high LNG price environment incentivised a boost in final investment decisions<sup>4</sup> in new liquefaction projects, which will result in the addition of over 200 million ...

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The report also projects continued strong growth through 2030, driven by technological advancements, policy support, and other key factors. Energy storage progress in ...

SunContainer Innovations - Summary: Western Europe is witnessing a surge in LNG peaking energy storage investments, driven by energy security needs and decarbonization goals. This ...

In the last year, the slate of new projects in development has grown by 9% for LNG import capacity and 18% for gas pipelines length. GEM estimates that the total capital ...

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The EU is advancing several key projects and initiatives in the energy storage field to boost renewable energy integration, stabilize the grid, and support clean energy goals. These ...

The European Energy Storage Market Monitor (EMMES) updates the analysis of the European energy storage market (including ...

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