

# Has Europe completed winter energy storage

Will Europe's gas storage be 80% full?

Following a scramble for fuel over the summer after top European gas supplier Russia invaded Ukraine, Europe's gas storage is now 79.94% full, Gas Infrastructure Europe data shows, setting up countries to exceed their target to have 80% full storage by November. In a normal year that could cover Europe's winter peak in gas use.

Why is gas storage important in Europe?

Gas storage is key for security of supply in Europe as it can cover up to one-third of the EU's gas demand in winter. The figures published today show that gas storage levels have reached 1024 TWh or 90.12% of storage capacity (equivalent to just over 93 billion cubic metres (bcm) of natural gas). EU Commissioner for Energy, Kadri Simson said:

How long will gas storage last in Europe?

Full gas storage could sustain European countries for, at best, about three months, according to Aurora Energy Research. In Germany, home to nearly a quarter of the EU's storage, stored gas could meet 80 to 90 days of average demand.

How much gas is stored in the EU?

Ahead of this year's deadline, tomorrow, the current gas storage level EU-wide is over 95%, according to the latest figures released by Gas Infrastructure Europe. There is currently around 100 bcm of gas in storage in the EU, which represents around one third of the EU's annual gas consumption. Commissioner for Energy, Kadri Simson, said:

How successful are Europe's gas storage initiatives?

So far, the initiatives have been successful. As of July 4th, Europe's gas storage was at 79%. At the current pace of refilling, storage is expected to hit its target capacity before October, Reuters reported based on data from Gas Infrastructure Europe.

Will Europe's gas storage hit its target capacity before October?

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An 8MWh vanadium redox flow battery project in California. Image: Sumitomo Electric Group via . Battery storage with up to 4-hour duration is helping to meet peak demand across summer periods on the US ...

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In response, governments have worked hard to find new supplies and conserve energy, with gas storage facilities now 86 per cent full ahead of the winter heating season -- beating the goal of...

Aimed at optimising EU preparation for the coming winter, the gas storage regulation of June 2022 set a binding EU target of 90% filling storage facilities by 1 November each year, with interim targets for EU countries. Gas ...

Harmony Energy Storage achieves a new milestone, delivering Europe's largest battery energy storage system with a 196 megawatt-hour energy capacity. ... Pillswood project and with help from G2 Energy and Northern ...

"The situation at the beginning of winter is much better than last year. Storage units are filled well and imports, ... but the share of households under financial pressure from higher energy costs ...

Europe has seen its first year when energy storage deployments by power capacity exceeded 10GW in 2023. The eighth annual edition of the European Market Monitor on Energy Storage (EMMES) was published last ...