

## SolarTech Power Solutions

# UK outdoor power import



## Overview

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The UK is importing record amounts of power from Europe, with the country spending more than £250 million on power from abroad each month, new analysis by Drax Electric Insights has found. A record 20% of the country's electricity demand was met by imports from Europe during the second quarter of 2024.

How much electricity will the UK import in 2024?

Nuclear Industry Association analysis shows that the UK is set to import a record 36TWh of electricity in 2024, beating the previous record set in 2021 by 50 per cent.

What percentage of UK electricity is imported?

Imports had the third biggest share of the electricity mix in six of the last nine months. June saw the highest ever proportion of imported electricity to Britain, making up 19% of the mix, with gas at 20%. Since January 2020, the UK has been a net exporter of electricity in seven out of 58 months.

How much does the UK spend on European electricity imports?

The UK is now spending over £250 million per month on European electricity imports, a new record high. Notably, during the second quarter of 2024, some 20% of the nation's electricity demand was met with European imports.

Which country imports the most electricity to the UK?

Nuclear from France is the leading source of imported electricity to the UK. Net electricity imports from France to the UK totalled 12.7 TWh last year according to government data, and France's grid is made up of around 70%

nuclear. Norway is the second largest exporter of power to the UK, mainly from hydro.

How much power does Great Britain import a year?

Net imports have accounted for 15% of GB power, enough for 10.8 million homes. This puts Great Britain on track to import nearly 36 TWh over the whole year, 46% higher than the previous record of 24.6 TWh set in 2021.

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