

# Britain's Gas Explained

December 2023



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# Monthly Highlights

- Although there was a 12% month-on-month increase in gas used, there was less gas used in December 2023 than in any other December over the past five years!
- In what was a month of extremes, the highest daily demand of gas this year was seen on 1<sup>st</sup> December while some of the mildest December days were recorded right before Christmas, as some parts of the UK had their warmest Christmas Eve since 1997.
- The share of the UK's gas supply from the UKCS (UK Continental Shelf) and Norway remained level at 72%, while LNG imports marginally increased their share of supply to 23% - more than double what it was in September.
- Demand share figures largely remained the same as November, however, gas once again showed its flexibility and the variability it encounters by providing power stations 26% of total demand on 1<sup>st</sup> December and just 5% on 28<sup>th</sup> December.

December 2023

# Where has our gas come from?



## Entry Points

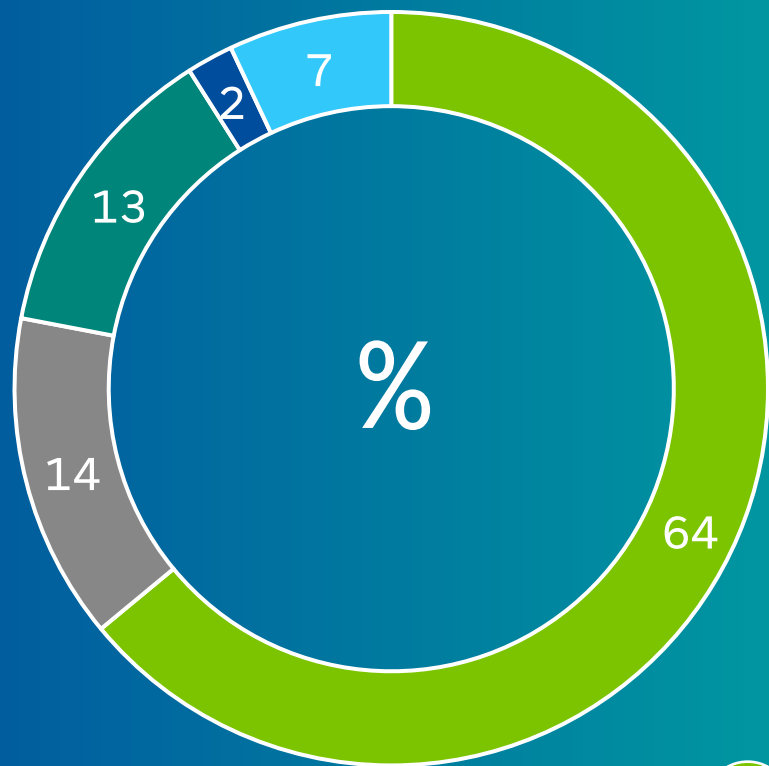
- ◆ UK/Norwegian Gas Fields
- ◆ LNG Imports
- ◆ European Imports
- ◆ Storage Withdrawal

	change from previous month
72%	↓ 1%
23%	↑ 2%
0%	0%
5%	↓ 1%

 More Info

- Natural Gas is cooled into liquid form where it can be transported via ships around the world.
- UK and Norwegian offshore gas fields supply gas to our network.
- Gas in storage is delivered from multiple sites across the UK, primarily onshore gas reservoirs and salt caverns.

# Where is our gas used?



- Distribution Networks**
- Power Stations**
- EU & Ireland\* Exports**
- Industrial**
- Storage**

change from previous month

- ↑ 1%
- ↓ 4%
- ↑ 1%
- 0%
- ↑ 2%

**i** More Info

- Gas can leave our transmission network into distribution networks which supply houses, factories, offices, power stations, hospitals etc.
- Some power stations and industrial plants are connected directly to our transmission network.
- Exports to Ireland\* refer to the whole isle of Ireland incl. Northern Ireland.

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## Stats Spotlight

**26%**

The share of power generated from gas last month.

**53.6%**

The difference in gas used in the UK on 1<sup>st</sup> December (379.2 mcm) to 31<sup>st</sup> December (218.9 mcm) - a rare thing to see the beginning and end of a month produce the most/least demand!

**3**

The number of months in 2023 the percentage difference between least and most demand in a month has been above 50%, highlighting the flexibility of gas.