



NESO

National Electricity Transmission System Status report

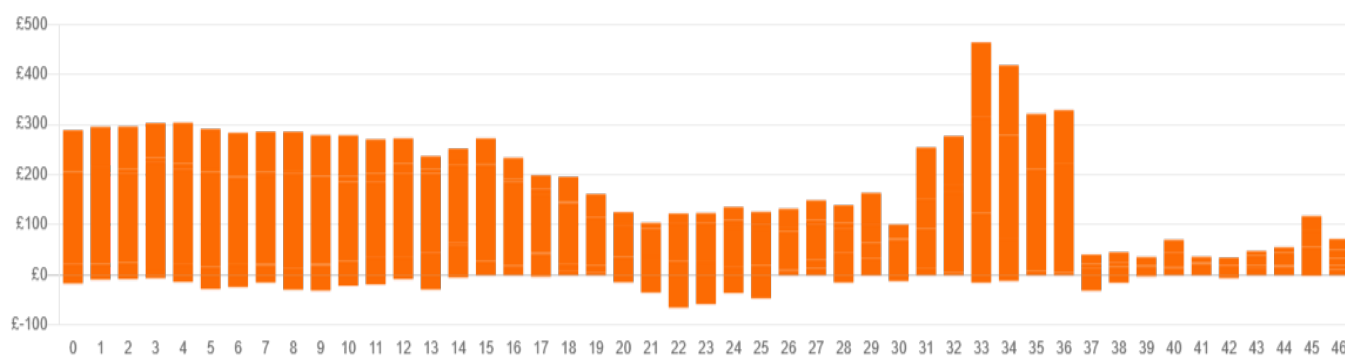
NESO National Electricity Transmission System Status Report
Thursday 23 October 2025

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

Today's Minimum De-Rated Margin	17,050 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £8700k



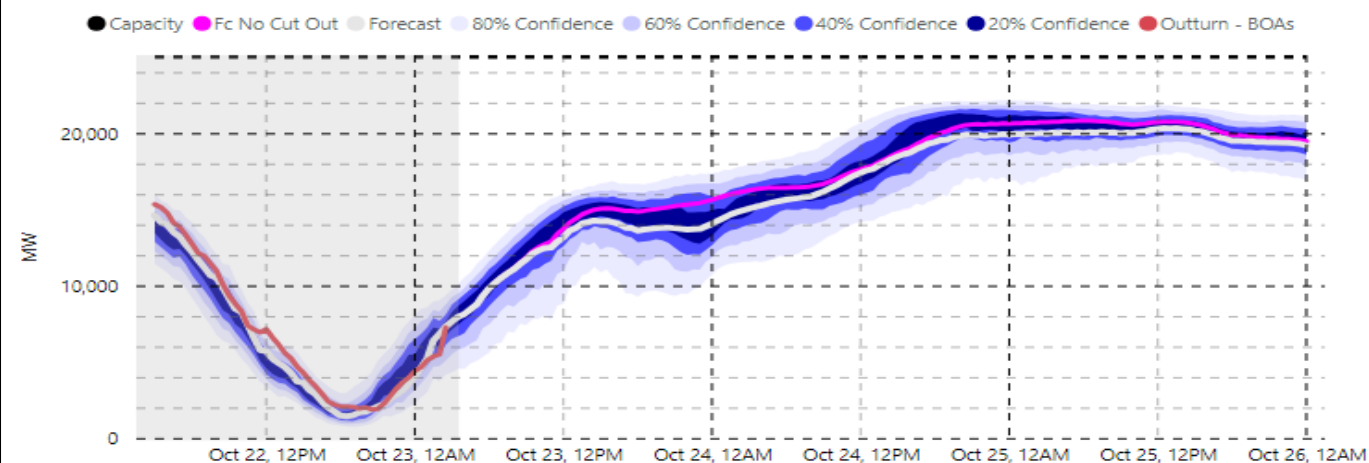
Yesterday's Market Summary

Cash Out Price (Max)	£315.10 / MWh (SP 35)
Cash Out Price (Min)	£47.36 / MWh (SP 8)
Peak Demand Yesterday	35,577 MW (SP 39)
Minimum Demand	20,254 MW (SP 10)

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	0	0	Planned Outage
France (IFA)	1500	1500	Unplanned Outage

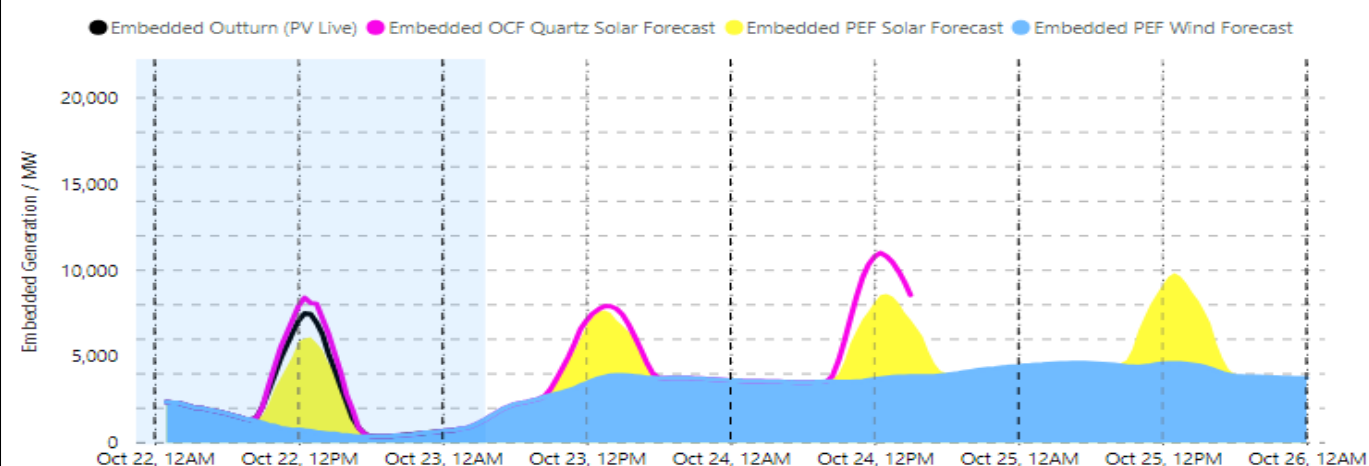
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates															Last run: 23-Oct-2025 04:31:33	
22-OCT-2025					23-OCT-2025					24-OCT-2025						
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00
Solar (MW)	0	0	6320	518	0	0	0	24	2123	650	0	0	0	113	4984	925
Wind (MW)	1861	1304	709	379	493	760	2073	2621	3580	3920	3875	3759	3638	3649	3768	3951
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1861	1304	7029	897	493	760	2073	2645	5703	4570	3875	3759	3638	3762	8752	4876



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Persistent rain at times across England and Wales only slowly clearing into the North Sea. Scattered showers elsewhere some heavy and thundery. Widely windy, with severe gales possible along eastern coasts and possibly some western coasts. Feeling colder.</p> <p>Tonight: Rain in the far east slowly clearing, though continuing in parts of eastern Scotland. Showers also in the west, but drier elsewhere with some clear spells. Winds slowly easing.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warning England Flood Warning SEPA	<p>UK Weather Warnings Yellow warning of rain Yellow - Possible</p> <p>Areas affected: East Midlands, East of England, London & South East England, North East England, South West England, Wales, West Midlands, Yorkshire & Humber</p>

Weather	Source	Commentary
	Natural Resources Wales	<p>Active Warning</p> <p>Started:00:00 BST Thursday 23 October</p> <p>Ends:18:00 BST Thursday 23 October</p> <p>Risk of heavy rain for southern and eastern parts of Britain associated with Storm Benjamin</p> <ul style="list-style-type: none"> - Spray and flooding on roads leading to difficult driving conditions and increased chance of accidents, making journey times longer - Public transport affected in places with some journey times taking longer - Flooding of a few homes and businesses is likely <p>Yellow warning of rain</p> <p>Yellow - Possible</p> <p>Areas affected:East Midlands, East of England, Yorkshire & Humber</p> <p>Active Warning</p> <p>Started:00:00 BST Thursday 23 October</p> <p>Ends:21:00 BST Thursday 23 October</p> <p>Heavy rain associated with Storm Benjamin is likely to lead to some disruption on Thursday</p> <ul style="list-style-type: none"> - Spray and flooding could lead to difficult driving conditions and some road closures - There is a slight chance of power cuts and loss of other services to some homes and businesses - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - There is a small chance that some communities will become cut off by flooded roads <p>Yellow warning of wind</p> <p>Yellow - Possible</p> <p>Areas affected:East Midlands, East of England, London & South East England, Yorkshire & Humber</p> <p>Starts:03:00 BST Thursday 23 October</p> <p>Ends:23:59 BST Thursday 23 October</p> <p>Strong winds may cause travel disruption and some damage across eastern England during Thursday.</p> <ul style="list-style-type: none"> - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance that some roads and bridges could close - There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance of injuries and danger to life from flying debris - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Yellow warning of wind</p> <p>Yellow - Possible</p> <p>Areas affected:South West England, Wales</p> <p>Starts:06:00 BST Thursday 23 October</p> <p>Ends:15:00 BST Thursday 23 October</p> <p>Strong northwesterly winds could cause some disruption on Thursday.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely - Some isolated short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected

Weather	Source	Commentary
		by spray and/or large waves
		Flood Warnings 2 flood warning and 47 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 1 flood alerts issued for Wales.

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Further Information	
BM Reports	https://www.elexon.co.uk/data/kinnect-insights-solution/
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs