



NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Wednesday 22 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	6,586 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW

Balancing Costs

Last 24 hours' BM spend Total: £3439k



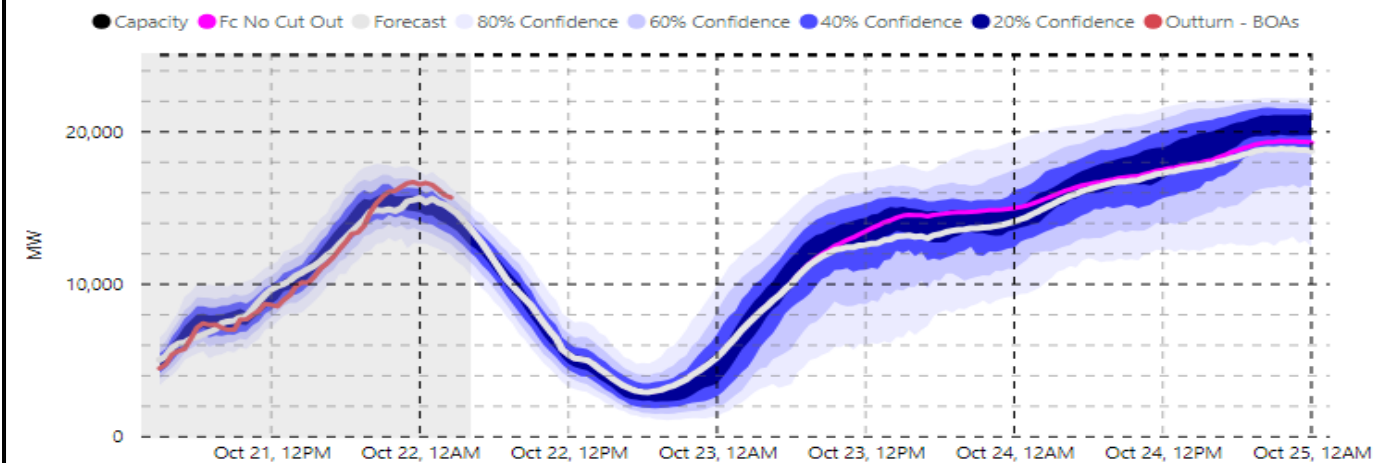
Yesterday's Market Summary

Cash Out Price (Max)	£126.50 / MWh (SP 16)
Cash Out Price (Min)	£41.70 / MWh (SP 47)
Peak Demand Yesterday	34,121 MW (SP 38)
Minimum Demand	20,939 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)	1000	1000	Fault

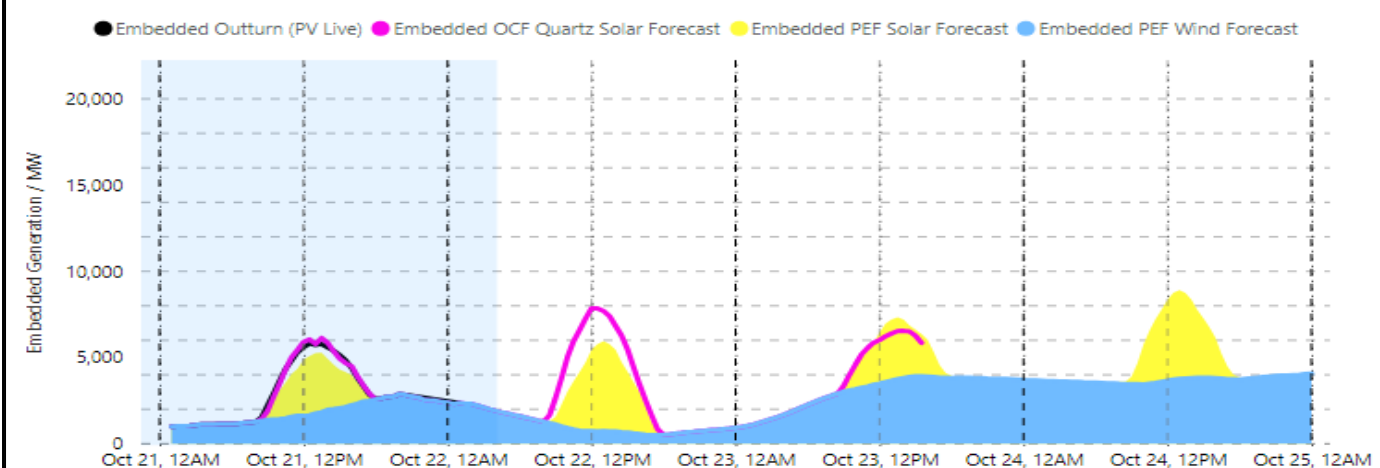
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 22-Oct-2025 04:31:31	
	21-OCT-2025					22-OCT-2025						23-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	21:00	
Solar (MW)	0	1	3971	868	0	0	0	79	5150	774	0	0	0	0	1835	564	0	
Wind (MW)	1202	1344	1792	2515	2844	2381	1787	1289	745	519	781	998	2049	2895	3618	3985	3925	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	1202	1345	5763	3383	2844	2381	1787	1368	5895	1293	781	998	2049	2895	5453	4549	3925	



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Mist and fog patches clearing to leave a dry day for many, with sunny spells and just a few showers. Breezy across northern coasts and turning increasingly wet and windy in the southwest come late afternoon. Mild in the south. Tonight: Showers die down across Scotland leaving a chilly night with mist and patchy frost. Heavy rain spreads north and eastwards across England, Wales and Northern Ireland. Breezy around southern coasts
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warning England Flood Warning SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of rain Yellow - Possible Areas affected: East Midlands, East of England, London & South East England, North East England, South West England, Wales, West Midlands, Yorkshire & Humber Starts: 00:00 BST Thursday 23 October

Weather	Source	Commentary
	Resources Wales	<p>Ends:21:00 BST Thursday 23 October Risk of heavy rain for southern and eastern parts of Britain.</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 wind Yellow - Possible</p> <p>Areas affected:South West England, Wales Starts:04:00 BST Thursday 23 October Ends:18:00 BST Thursday 23 October 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 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 by spray and/or large waves <p>Yellow warning of wind Yellow - Possible</p> <p>Areas affected:East Midlands, East of England, London & South East England, Yorkshire & Humber Starts:09:00 BST Thursday 23 October Ends:23:59 BST Thursday 23 October 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>Flood Warnings 0 flood warning and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.</p>

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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