

**National Electricity
Transmission System Status Report**

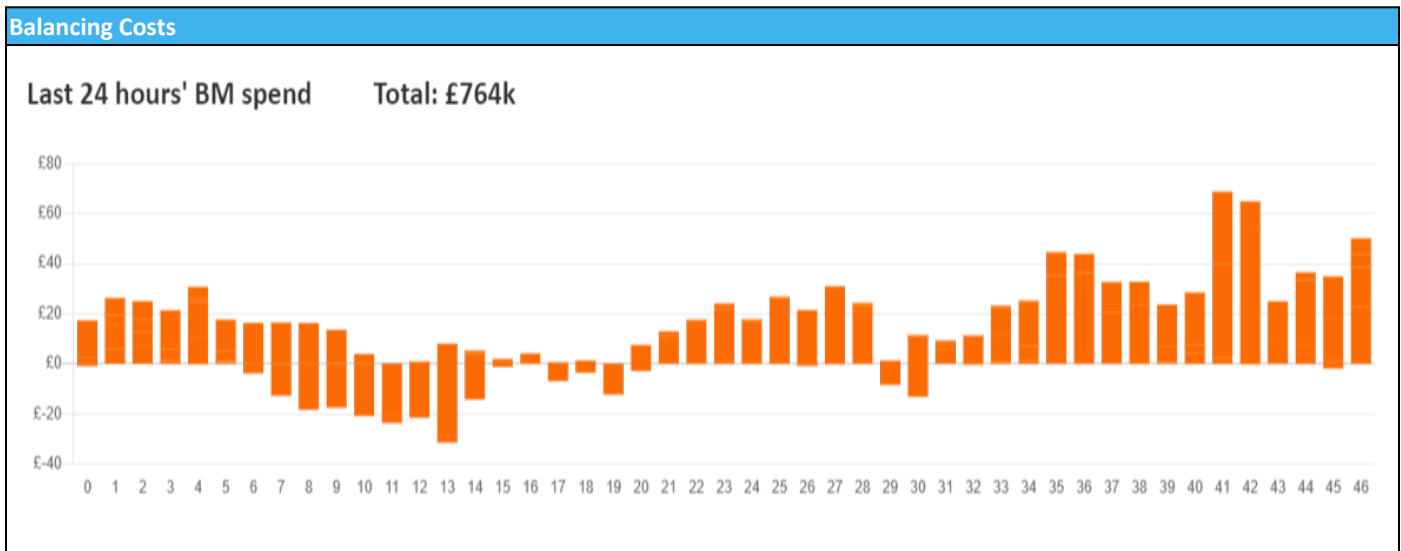


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 21 September 2024

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	8,435 (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



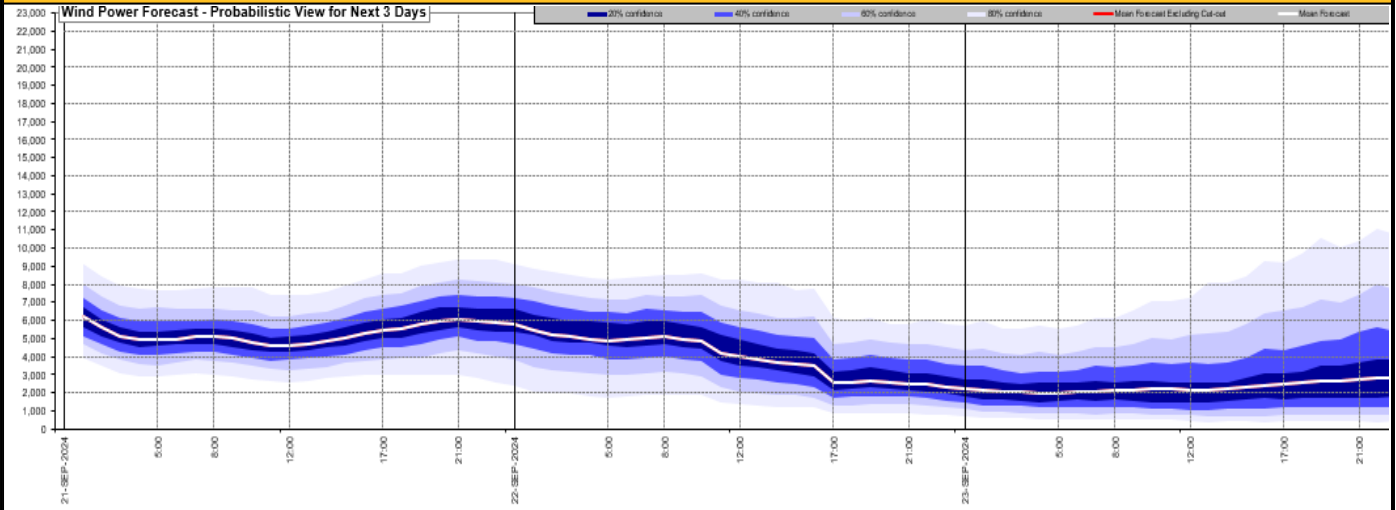
Yesterday's Market Summary

Cash Out Price (Max)	£111 /MWh (SP 44)
Cash Out Price (Min)	£52. /MWh (SP 49)
Peak Demand Yesterday	29,593 MW
Minimum Demand	17,500MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially Available - planned outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

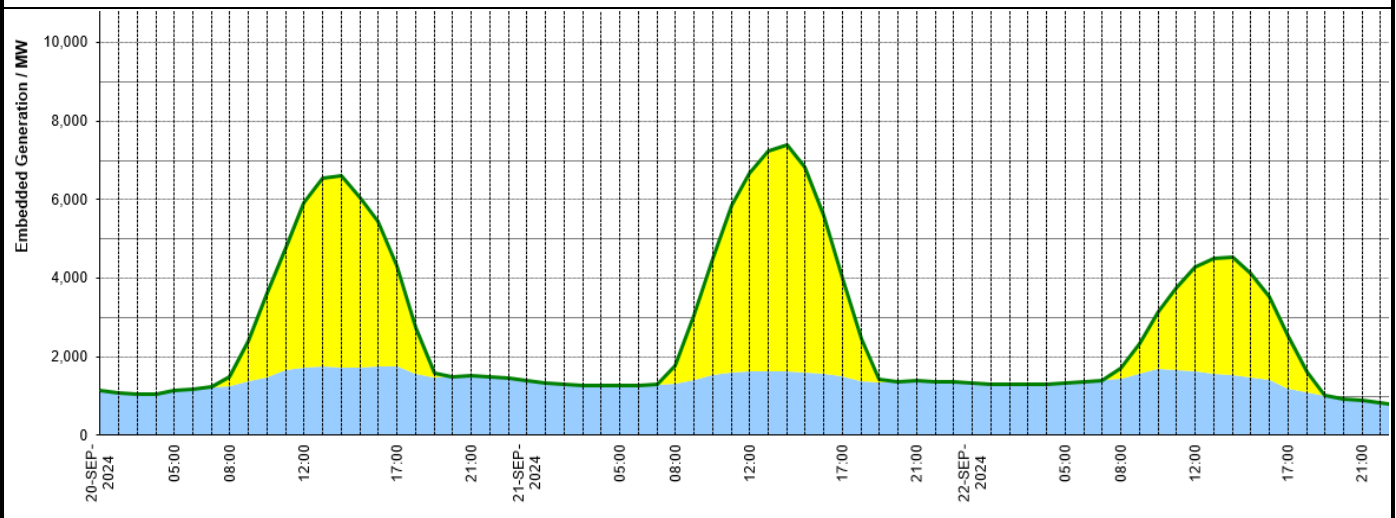
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 21-Sep-2024 04:33:07				
	20-SEP-2024					21-SEP-2024					22-SEP-2024						
	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	246	4205	2557	0	0	0	447	5055	2494	0	0	0	261	2662	1335	0
Wind (MW)	1139	1255	1712	1748	1507	1389	1278	1325	1635	1496	1387	1324	1329	1449	1627	1195	881
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1139	1501	5917	4305	1507	1389	1278	1772	6690	3990	1387	1324	1329	1710	4289	2530	881



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Largely dry in the north with sunny spells in the northwest. Showers or longer spells of rain across the south, these heavy and thundery at times. Warm for many.. Tonight: Evening showers across Wales and the southwest will fade. Low cloud, with drizzle in places across the northeast will expand westwards across central areas. Elsewhere, mostly dry with clear spells. A mild night for most.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow - Rain Sunday 22 September East Midlands, East of England, London & South East England, North West England, South West England, Wales, West Midlands Yellow - Thunderstorm Saturday 21 September East Midlands, East of England, London & South East England, North West England, South West England, Wales, West Midlands

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Probably some damage to a few buildings and structures from lightning strikes - Some short term loss of power and other services is likely - Delays to train services are possible - Driving conditions may be affected by spray, standing water and/or hail, leading to longer journey times by car and bus <p>Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Starts: 01:00 BST on Sat 21 September Ends: 23:59 BST on Sat 21 September Whilst some places will remain dry, thunderstorms and heavy showers could cause some disruption on Saturday in a few places.</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds - There is a small chance of fast flowing or deep floodwater causing danger to life - Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - Spray and sudden flooding could lead to difficult driving conditions and some road closures - There is a small chance that some communities become cut off by flooded roads - There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost
		<p>Flood Warnings 7 flood warnings and 38 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 7 flood alerts issued for Wales</p>

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs