

National Electricity Transmission System Status Report

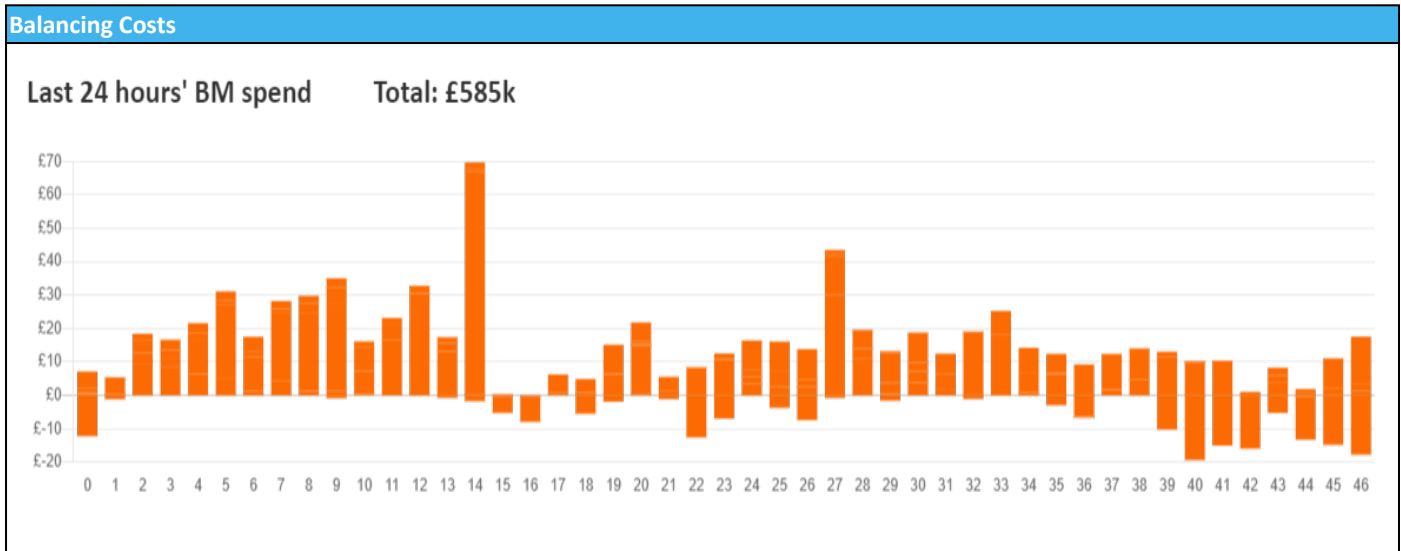


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National Electricity Transmission System Status Report
Friday 20 September 2024

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			

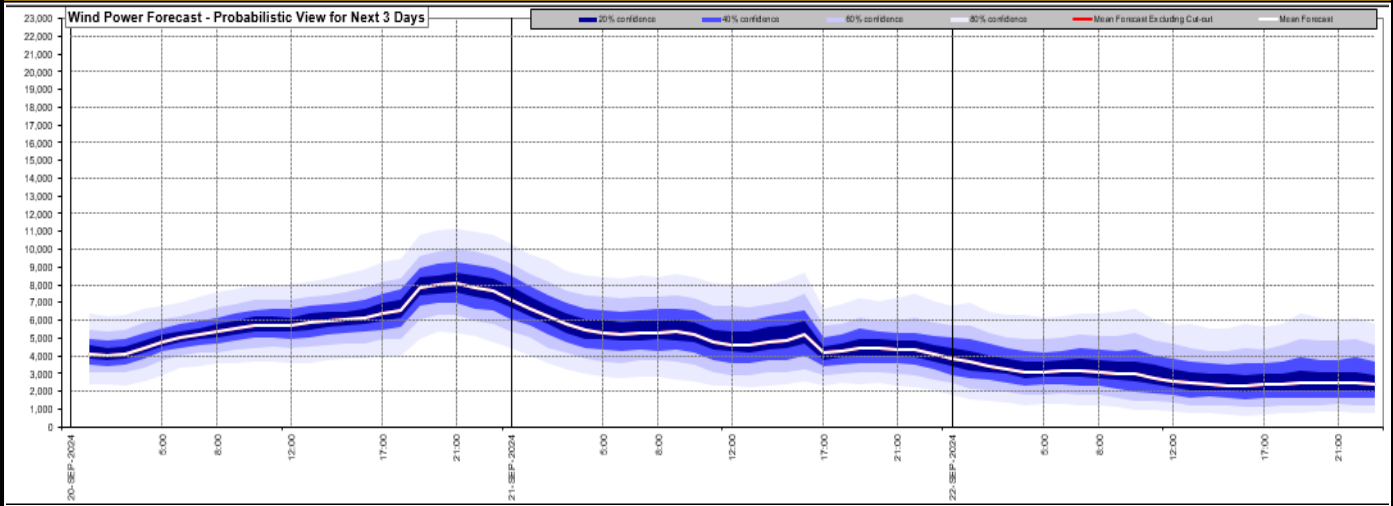
Today's Minimum De-Rated Margin	8,791 (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£140 /MWh (SP 16)
Cash Out Price (Min)	£45.25 /MWh (SP 46)
Peak Demand Yesterday	30,879 MW
Minimum Demand	18,229 MW

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

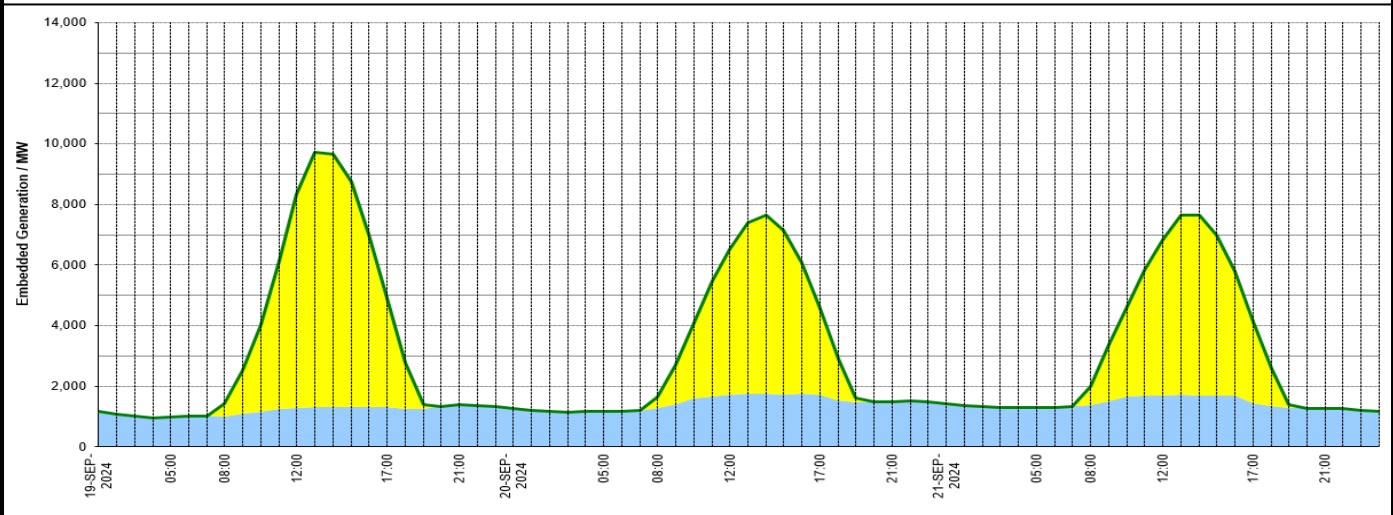
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																	Last run: 20-Sep-2024 04:33:42
	19-SEP-2024					20-SEP-2024					21-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	425	7043	3597	0	0	0	368	4798	2844	0	0	0	625	5122	2683	0
Wind (MW)	988	1015	1296	1315	1382	1261	1172	1283	1729	1711	1491	1416	1299	1367	1708	1458	1270
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	988	1440	8339	4912	1382	1261	1172	1651	6527	4555	1491	1416	1299	1992	6830	4141	1270



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Low cloud across England and Wales will break as sunny spells develop, however the cloud is likely to linger across the northeast. Heavy and thundery showers developing across the south. Fine and dry across Northern Ireland and Scotland. Feeling warm.</p> <p>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.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands</p> <p>Starts: 12:00 BST on Fri 20 September Ends: 20:00 BST on Fri 20 September</p> <p>While many places will remain dry, thunderstorms and heavy showers could cause some disruption on Friday in a few places.</p> <p>- Probably some damage to a few buildings and structures from lightning strikes</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - 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</p> <p>4 flood warnings and 39 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