

National Electricity Transmission System Status Report

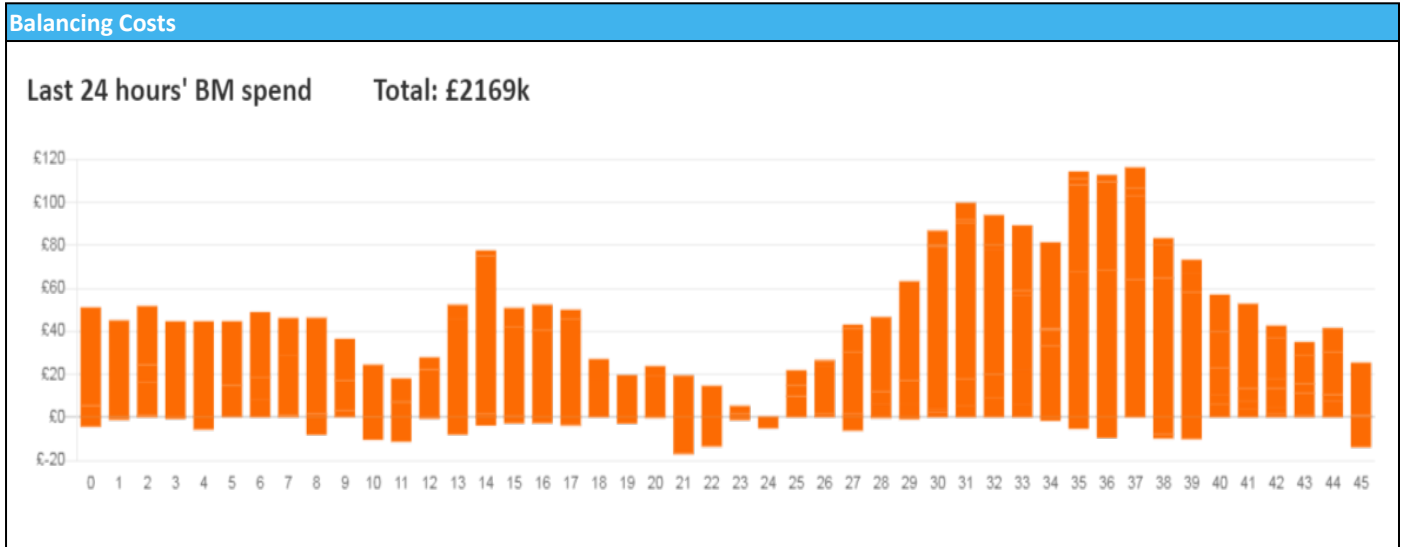


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National Electricity Transmission System Status Report
Saturday 23 September 2023

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			

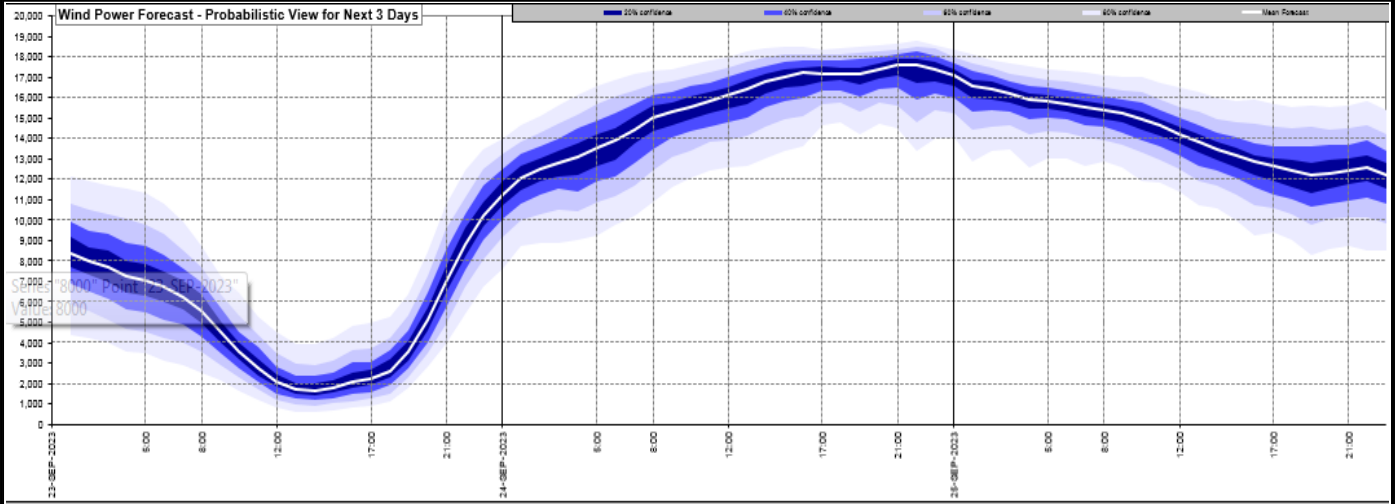
Today's Minimum De-Rated Margin	4,775.86 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW



Yesterday's Market Summary	
Cash Out Price (Max)	£155.00 (SP 15)
Cash Out Price (Min)	-£35.00 (SP 30-31)
Peak Demand Yesterday	31,291 MW
Minimum Demand	18,838 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

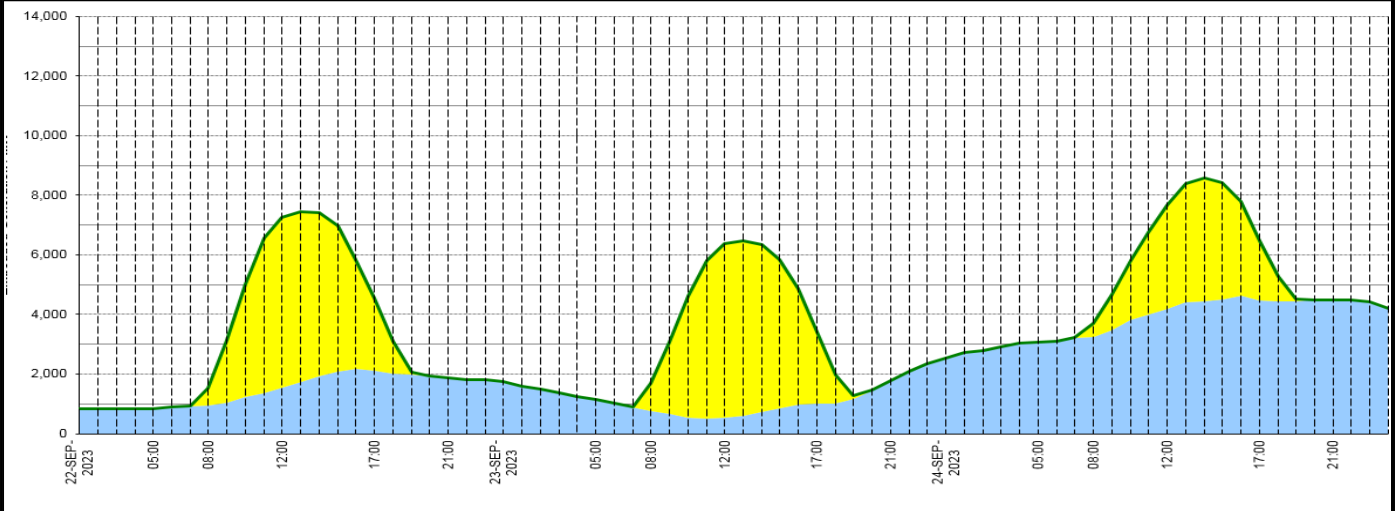
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-SEP-2023					23-SEP-2023					24-SEP-2023						
	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	582	5719	2434	0	0	0	914	5846	2393	0	0	0	444	3472	1988	0
Wind (MW)	845	933	1530	2113	1877	1758	1142	770	529	1012	1768	2537	3063	3257	4181	4487	4498
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	845	1515	7249	4547	1877	1758	1142	1684	6375	3405	1768	2537	3063	3701	7653	6475	4498



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A chilly and misty start for some. Plenty of dry weather during the day with sunny spells. However, a few showers, mainly across northeast Scotland, northern and eastern England this morning. Rain and strong winds reaching Northern Ireland later.</p> <p>Tonight: Wet and windy weather in the far west, extending north and eastwards to many parts overnight. Turning showery in the north later. Mostly dry with clear spells in the southeast.</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 rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 04:00 BST on Sun 24 September Ends: 23:59 BST on Sun 24 September Persistent and heavy rain expected through Sunday, leading to some flooded roads and a small chance of property flooding</p> <ul style="list-style-type: none"> - Floodwater, particularly in fast flowing areas, will pose a very small danger to life - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance that some communities will become cut off by flooded roads

Weather	Source	Commentary
		- Delays or cancellations to rail services are possible, and possibly some disruption to travel on roads with difficult driving conditions and a small chance of road closures
		<p>Flood Warnings</p> <p>1 flood warnings and 4 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 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/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights