

National Electricity Transmission System Status Report

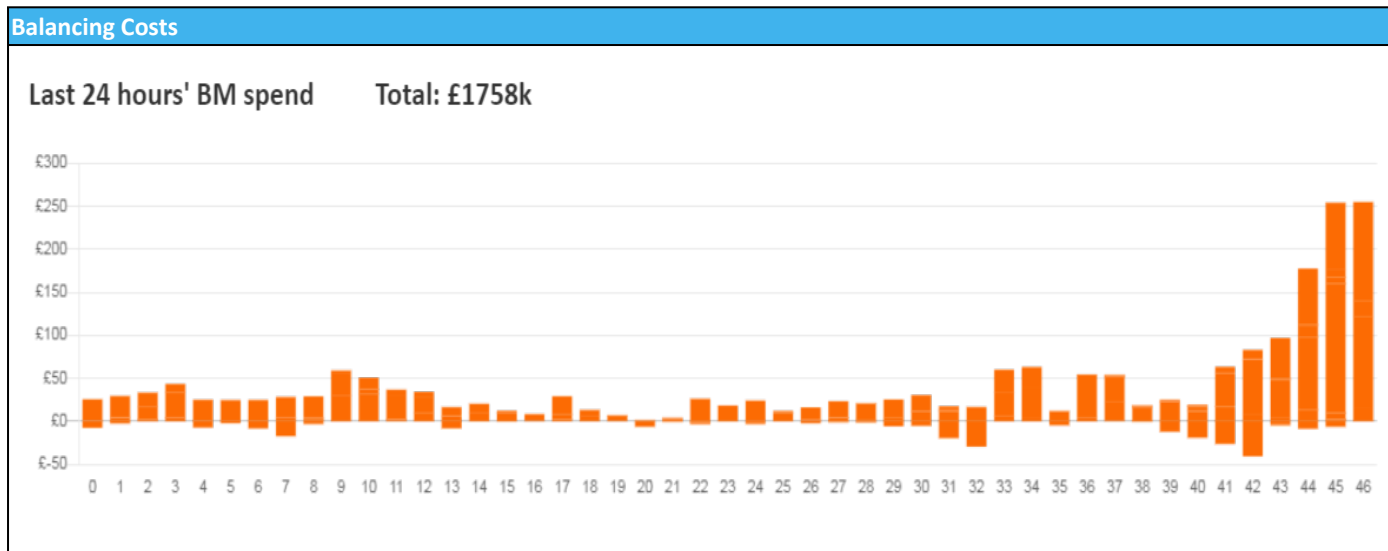


nationalgridESO

National Electricity Transmission System Status Report
Sunday 24 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	19189 (SP 1)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW



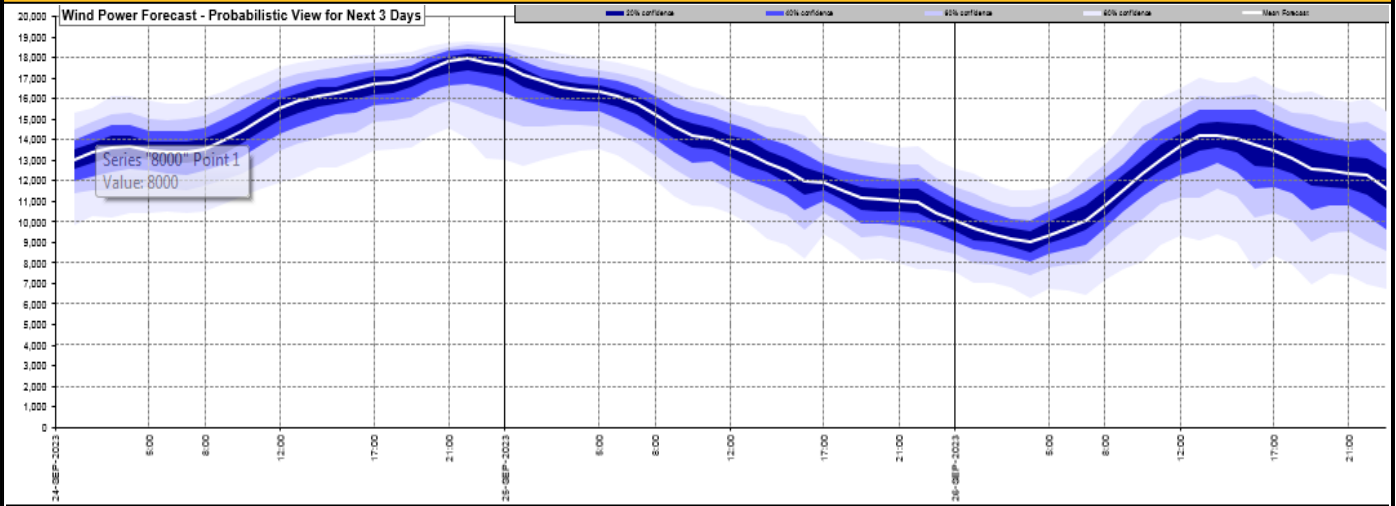
Yesterday's Market Summary

Cash Out Price (Max)	£145.00 (SP 17)
Cash Out Price (Min)	£0.00 (SP 48)
Peak Demand Yesterday	29,146 MW
Minimum Demand	18,995 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

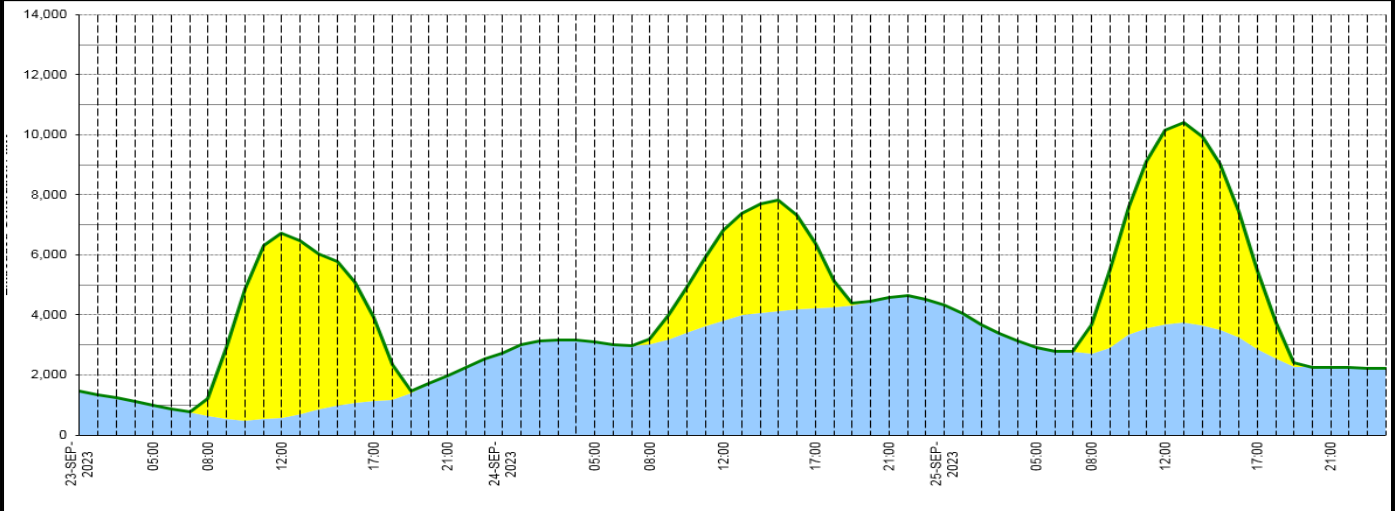
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	23-SEP-2023					24-SEP-2023					25-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	593	6147	2792	0	0	0	161	2985	2146	0	0	0	960	6463	2595	0
Wind (MW)	998	624	567	1133	1979	2732	3103	3035	3821	4231	4585	4326	2900	2717	3685	2870	2258
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	998	1217	6714	3925	1979	2732	3103	3196	6806	6377	4585	4326	2900	3677	10148	5465	2258



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A rather cloudy and windy day for many with outbreaks of rain, turning heavy and persistent at times in the north and west, especially later. However, some early brightness in the north, and mostly fine across the southeast.</p> <p>Tonight: Wet and very windy weather in the north and west gradually clearing eastwards whilst easing overnight. Clear spells following for many, but with blustery showers in the north and northwest.</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: 13:00 BST on Sun 24 September Ends: 23:59 BST on Sun 24 September Persistent and heavy rain expected on Sunday afternoon and evening, 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 1 flood warnings and 1 flood alerts issued for England.</p> <p>0 flood warnings and 10 flood alerts issued for Scotland.</p> <p>0 flood warnings and 1 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