

**National Electricity
Transmission System Status Report**

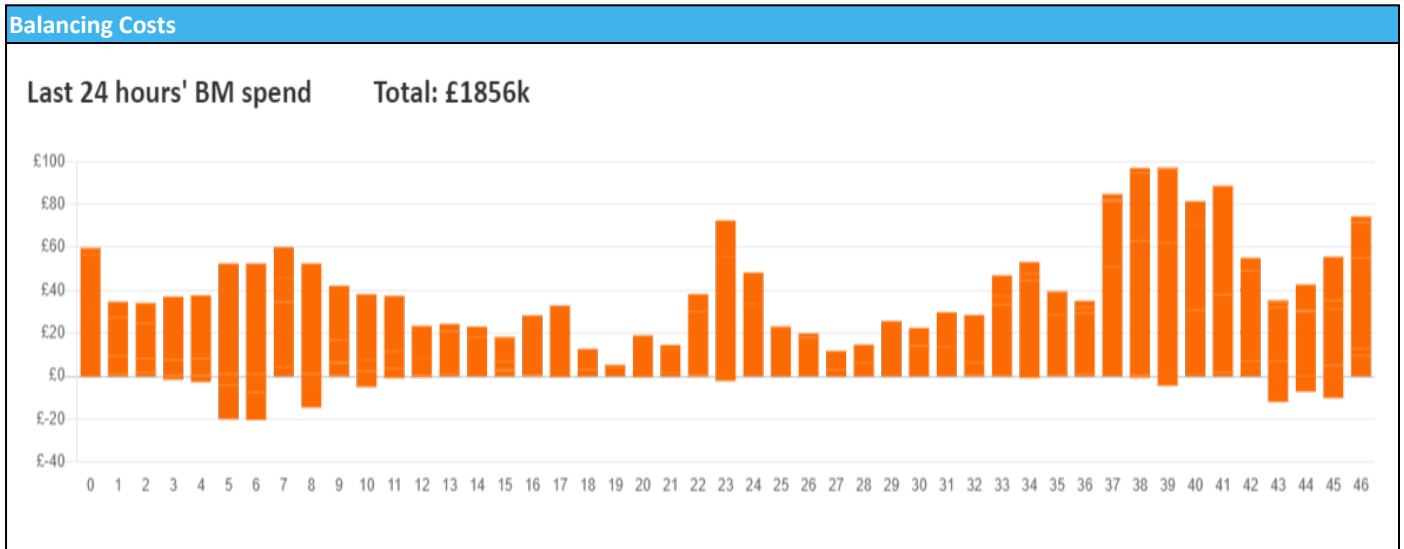


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 10 July 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			

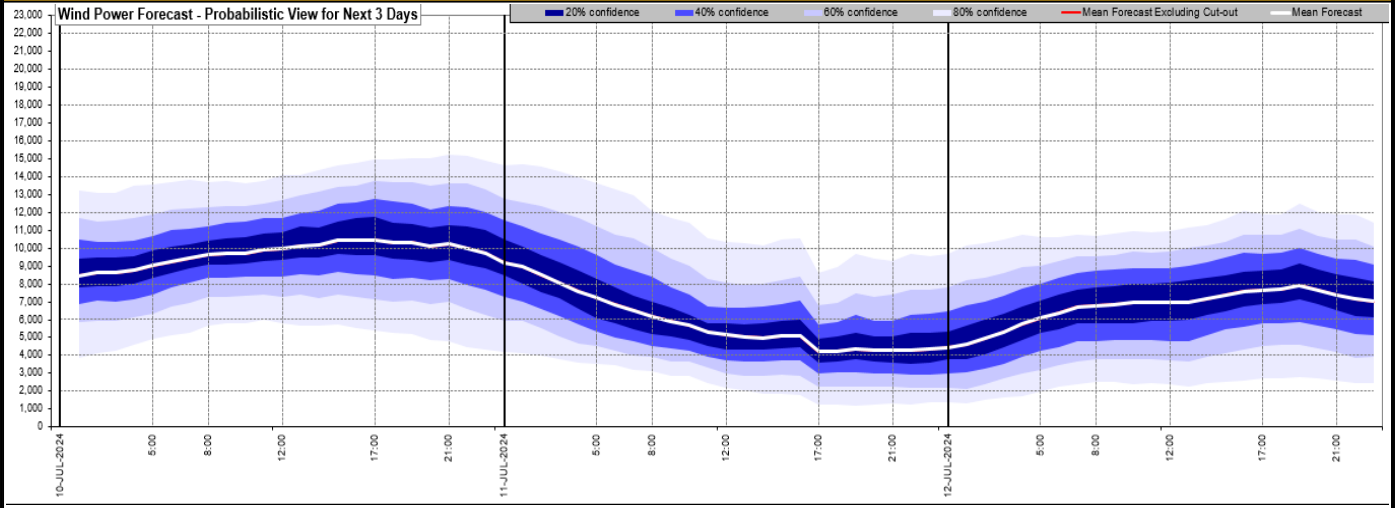
Today's Minimum De-Rated Margin	12,531 (SP 43)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 116 (SP 41)
Cash Out Price (Min)	£ 0 (SP 7,6,10)
Peak Demand Yesterday	30,587 MW
Minimum Demand	17,818 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Planned outage
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

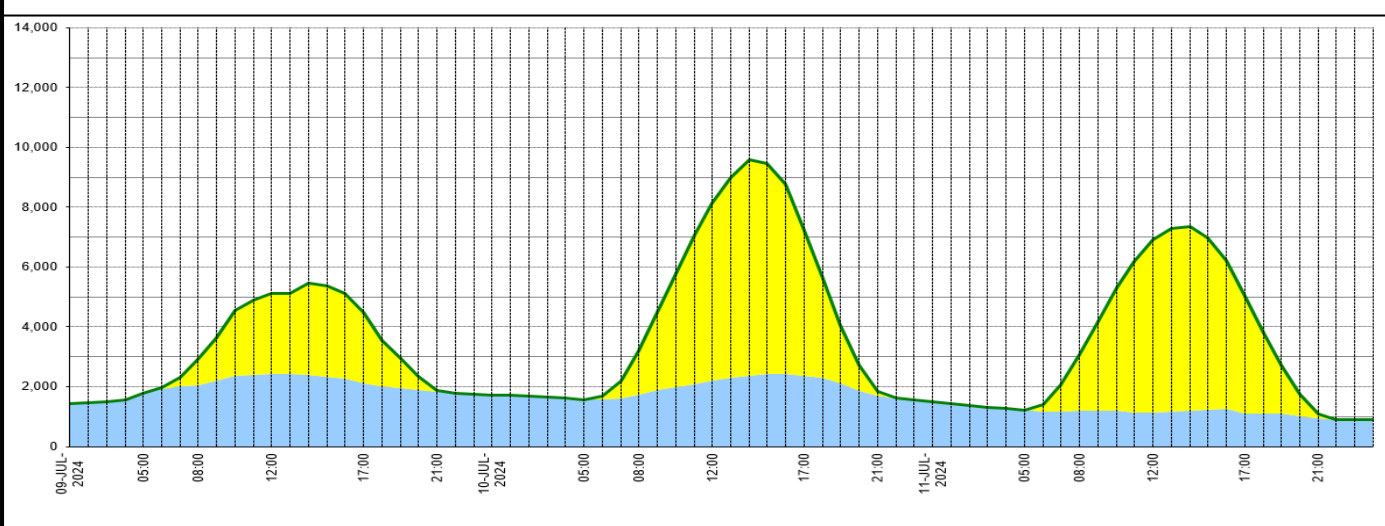
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	09-JUL-2024					10-JUL-2024					11-JUL-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	857	2689	2373	46	0	0	1463	5930	4834	127	0	0	1888	5752	3911	133
Wind (MW)	1777	2060	2431	2126	1833	1720	1574	1742	2209	2377	1709	1486	1219	1189	1147	1102	944
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1777	2917	5120	4499	1879	1720	1574	3205	8139	7211	1836	1486	1219	3077	6899	5013	1077



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Further rain and showers today across Scotland, Northern Ireland and northern England, with a risk of thunder in places. Outbreaks of rain elsewhere at first but turning drier and brighter and somewhat fresher from the west throughout the day.</p> <p>Tonight: Rain across the north gradually moving a little further south throughout the night. Southern England and south Wales remaining mostly dry with clear spells, but feeling a little cooler.</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</p> <p>ACTIVE Started at: 22:00 BST on Tue 9 July</p> <p>Ends: 23:59 BST on Wed 10 July</p> <p>Rain becoming heavy and slow moving leading to impacts on travel and infrastructure.</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing danger to life - There is a slight chance of power cuts and loss of other services to some homes and businesses - There is a small chance that some communities will become cut off by flooded roads <p>Flood Warnings</p> <p>1 flood warnings and 25 flood alerts issued for England.</p> <p>0 flood warnings and 5 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/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