

**National Electricity
Transmission System Status Report**

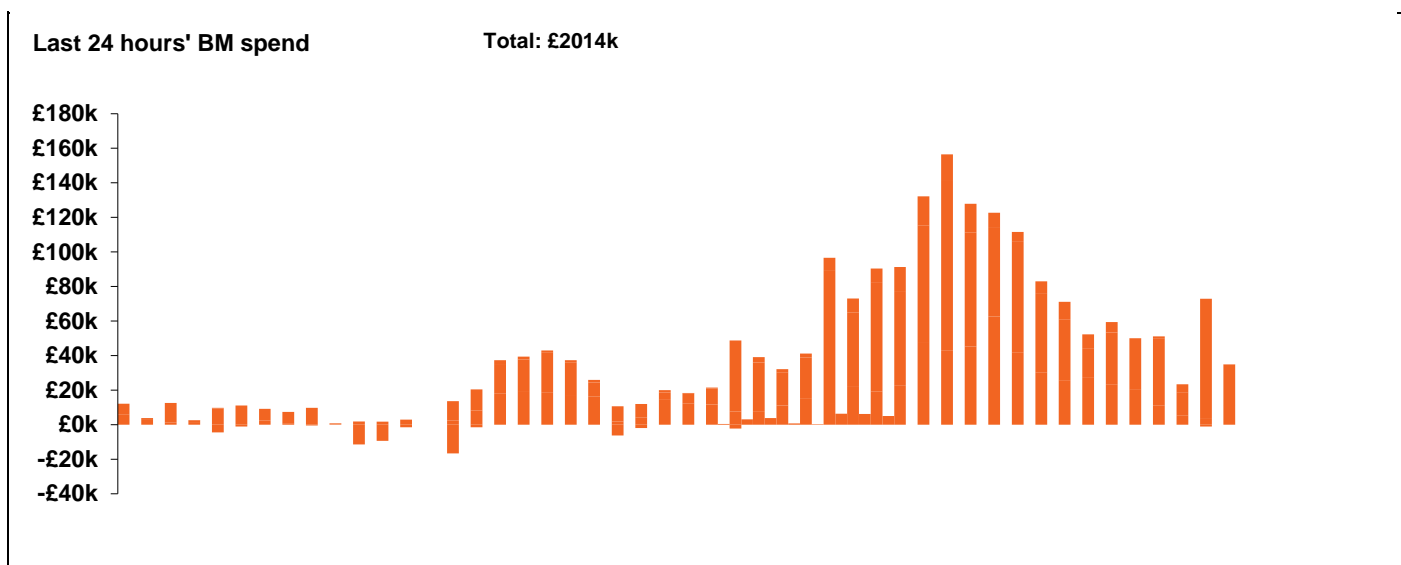


national**grid**ESO

National Electricity Transmission System Status Report
Friday 23 July 2021

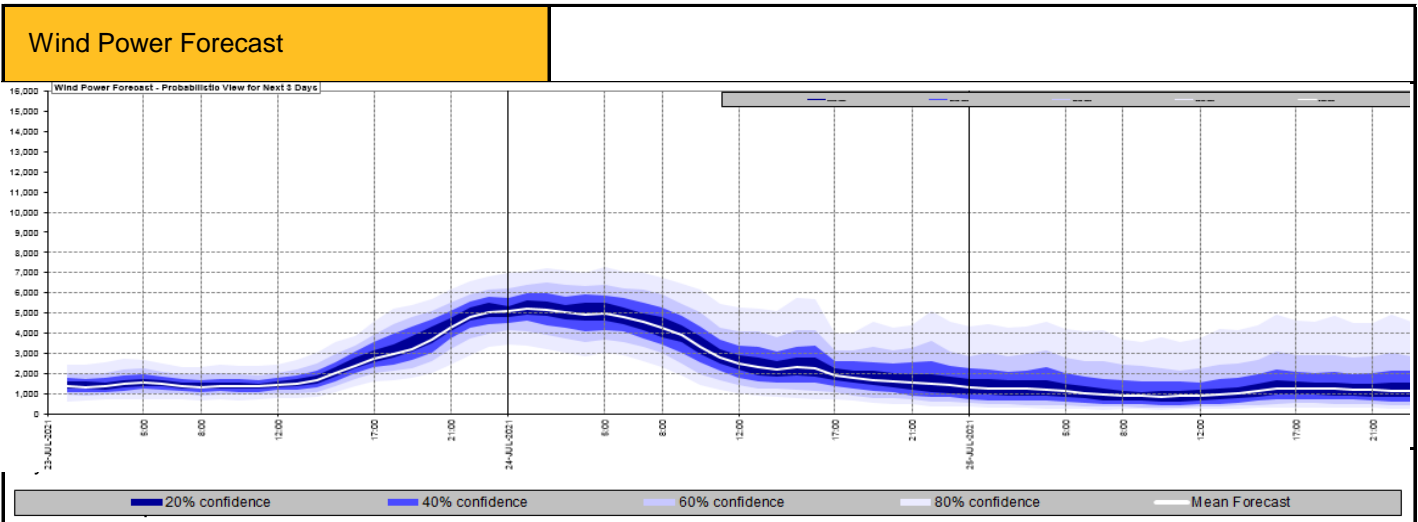
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7715 (SP 17)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£185MWh (SP 39-40)
Cash Out Price (Min)	£64.20MWh (SP31)
Peak Demand Yesterday	32,901MWh

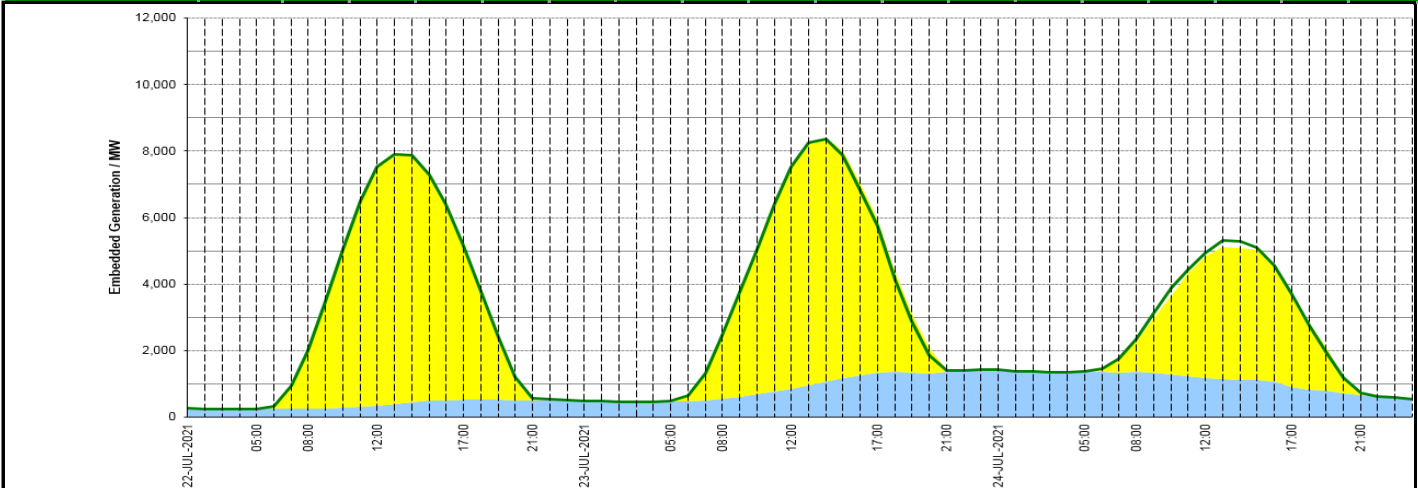
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-JUL-2021					23-JUL-2021					24-JUL-2021						
	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
Yellow	0	1760	7180	4610	70	2	0	1845	6623	4645	89	0	0	928	3662	2860	65
Light Blue	243	247	340	530	499	479	473	546	856	1342	1363	1415	1376	1351	1166	888	663
Purple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green	243	2007	7520	5140	569	481	473	2458	7526	5731	1399	1415	1376	2350	4948	3706	713



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Low cloud mostly clearing to leave another very warm or hot day with sunny spells, though temperatures a little for most than earlier this week. Isolated thundery showers may develop in the west. Windy across the southwest later.</p> <p>Tonight: Heavy rain and thunderstorms spreading north across southwest England into south Wales and the Midlands by morning. Mainly dry elsewhere, but rather cloudy in northeast.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of rain: Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>Flood Warnings: 0 Flood Warnings issued for England. 0 Flood Warnings issued for Scotland and 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