

**National Electricity
Transmission System Status Report**

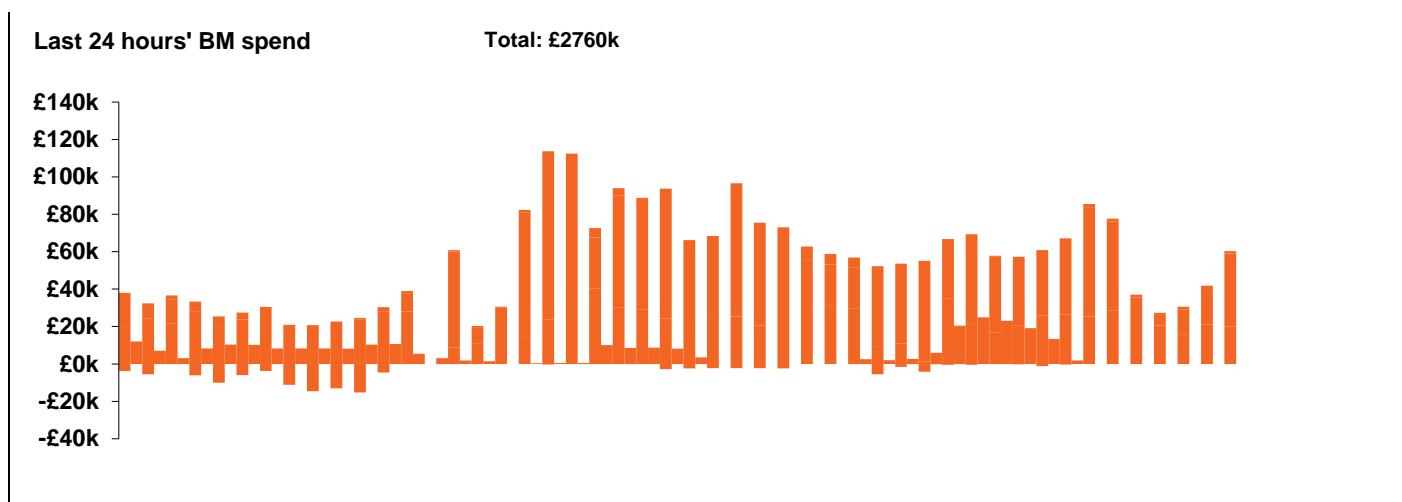


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 22 August 2021

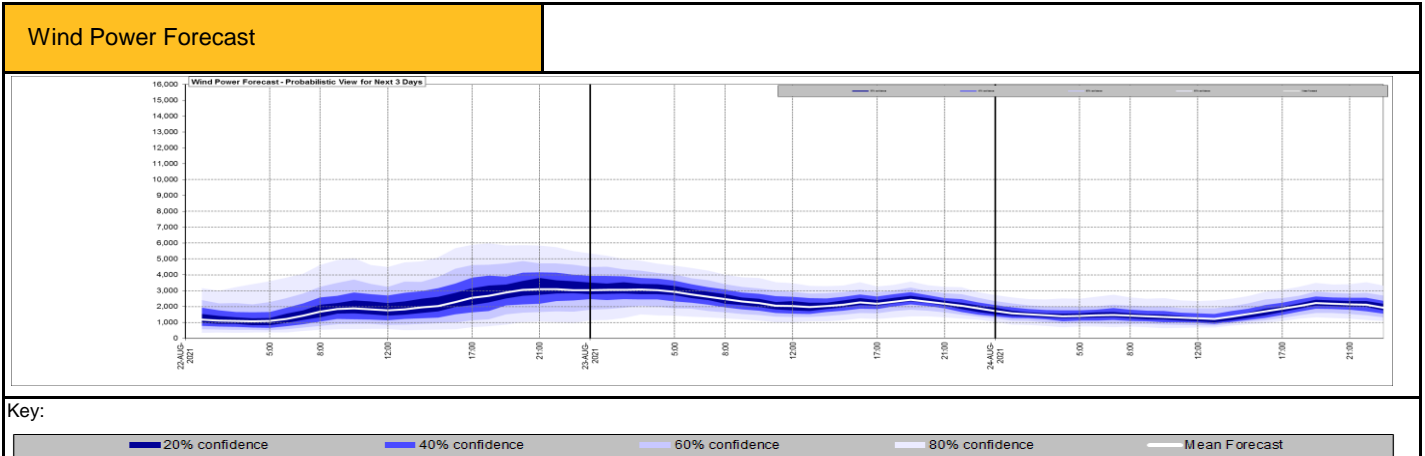
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	5805.24 (SP 47)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£165.00/MWh (SP 26-29)
Cash Out Price (Min)	£49.50/MWh (SP 33-35)
Peak Demand Yesterday	29,755 MW

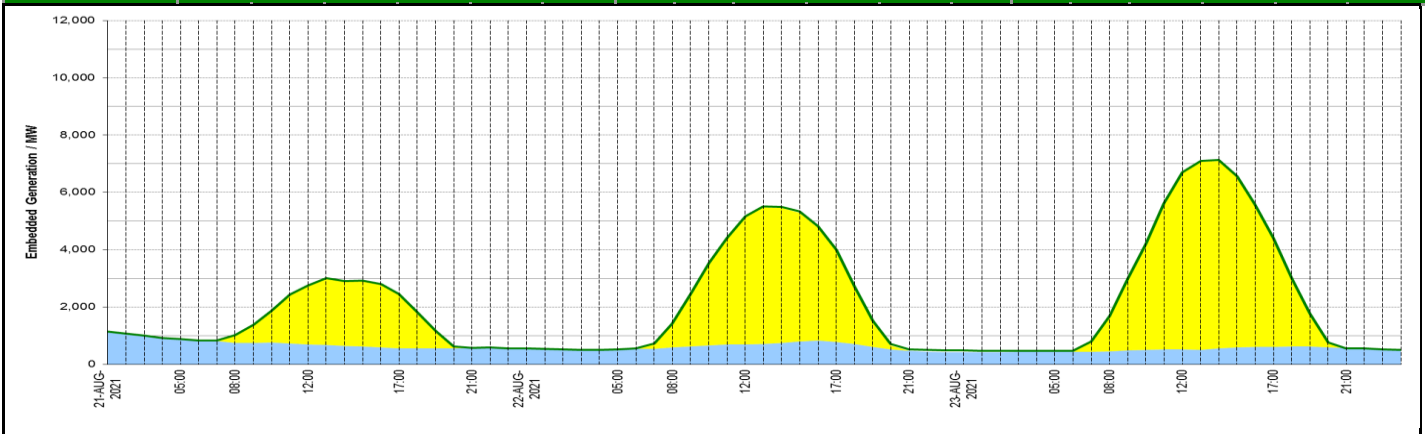
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500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



Expected embedded generation (MWs)

Embedded Generation Forecast

	21-AUG-2021					22-AUG-2021					23-AUG-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
Solar (MW)	0	270	2060	1900	2	0	0	813	4442	3135	0	0	0	1205	6159	3794	0
Wind (MW)	891	751	696	562	575	548	508	581	701	783	460	414	437	457	519	610	576
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	891	1021	2756	2462	577	549	517	1422	5167	3984	523	477	471	1686	6701	4407	560



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Some heavy rain with risk of thunder in south-eastern parts of England at first, whilst rather cloudy elsewhere with a little rain in places. Many parts becoming dry through the day with sunny intervals developing, but also the odd shower.</p> <p>Tonight: Mostly dry with variable amounts of cloud and clear intervals. Turning misty with some fog or low cloud in places.</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 East England North West England West Midlands Yorkshire & Humber</p>
		<p>Flood Warnings: 0 Flood Warnings and 2 Flood Alerts issued for England. 0 Flood Warnings and 1 Flood Alerts issued for Scotland. 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