

**National Electricity
Transmission System Status Report**

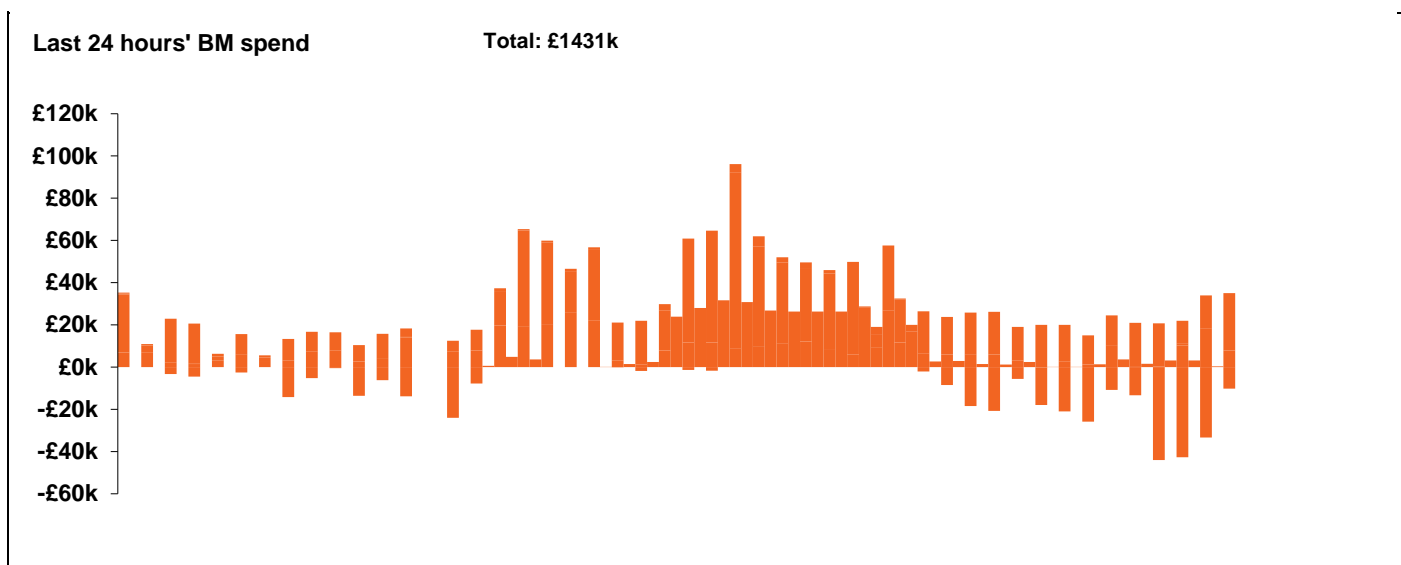


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 24 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			

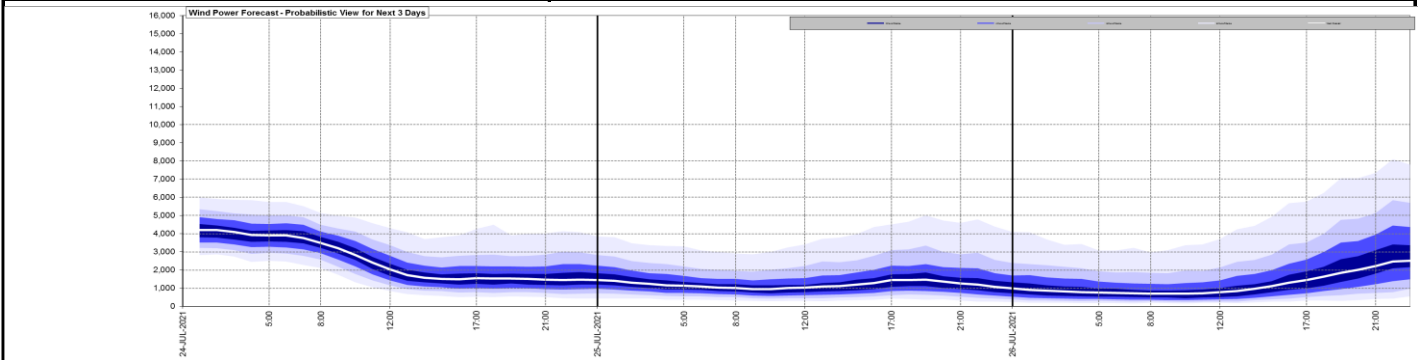
Today's Minimum De-Rated Margin	4352(SP 47)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



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

Wind Power Forecast



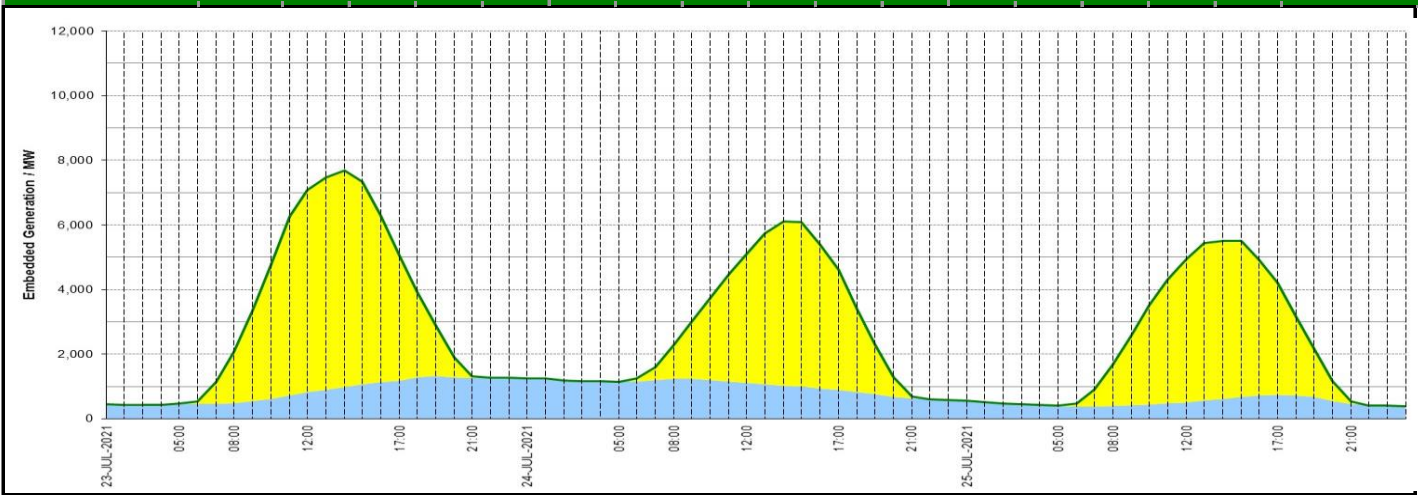
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

23-JUL-2021	24-JUL-2021					25-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
0	1580	6270	3890	53	0	0	1056	3982	3733	58	0	0	1270	4429	3467	70	0
484	484	820	1170	1264	1255	1152	1235	1110	897	635	554	403	404	514	751	464	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
484	2064	7090	5060	1317	1255	1152	2291	5092	4630	693	554	403	1674	4943	4218	534	0



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Fine, very warm and dry for many, though cloudier in some North Sea coastal areas. Cloudier and more unsettled over southern UK where some heavy showers and thunderstorms at times, particularly first thing and again this afternoon.</p> <p>Tonight: Early evening showers and thunderstorms over southern UK slowly easing, most regions then dry with clear spells overnight. Showery rain may affect parts of southeastern UK overnight though. Warm again.</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 thunder storms: Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands Started at: 20:00 BST on Fri 23 July Ends: 22:00 BST on Sat 24 July</p> <hr/> <p>Flood Warnings: 0 Flood Warnings issued for England. 0 Flood Warnings issued for Scotland and Wales.</p>

Contains public sector information licensed under the Open Government Licence v1.0

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