

**National Electricity
Transmission System Status Report**

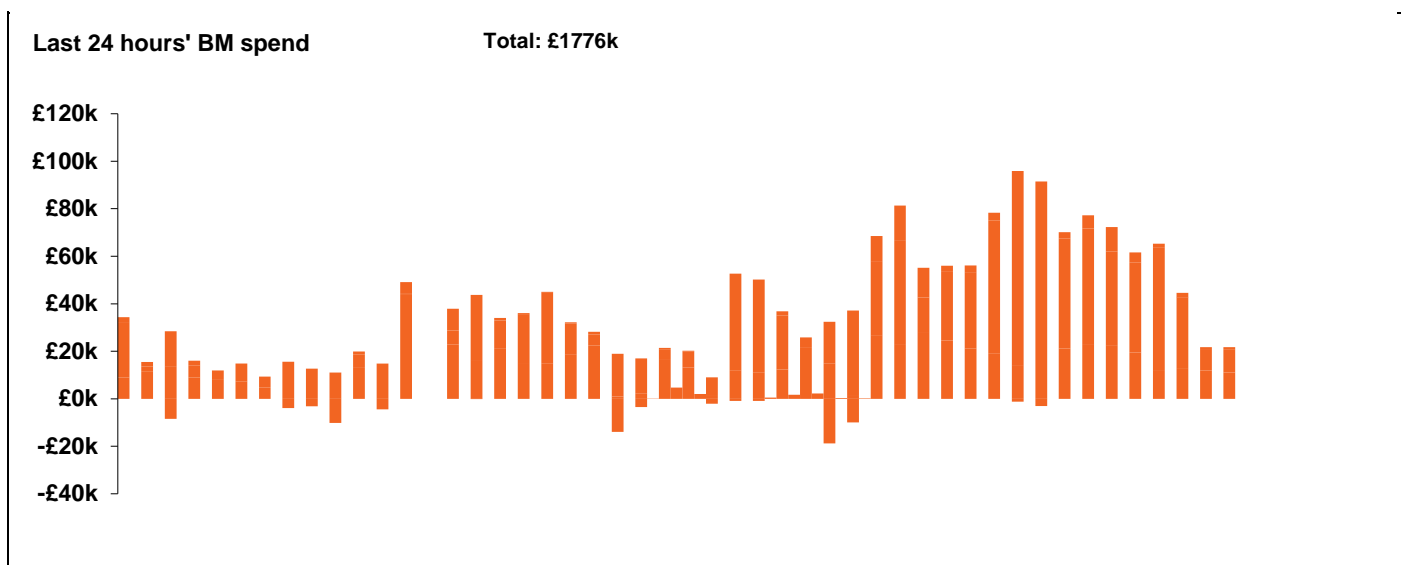


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 21 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	3087.40 (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

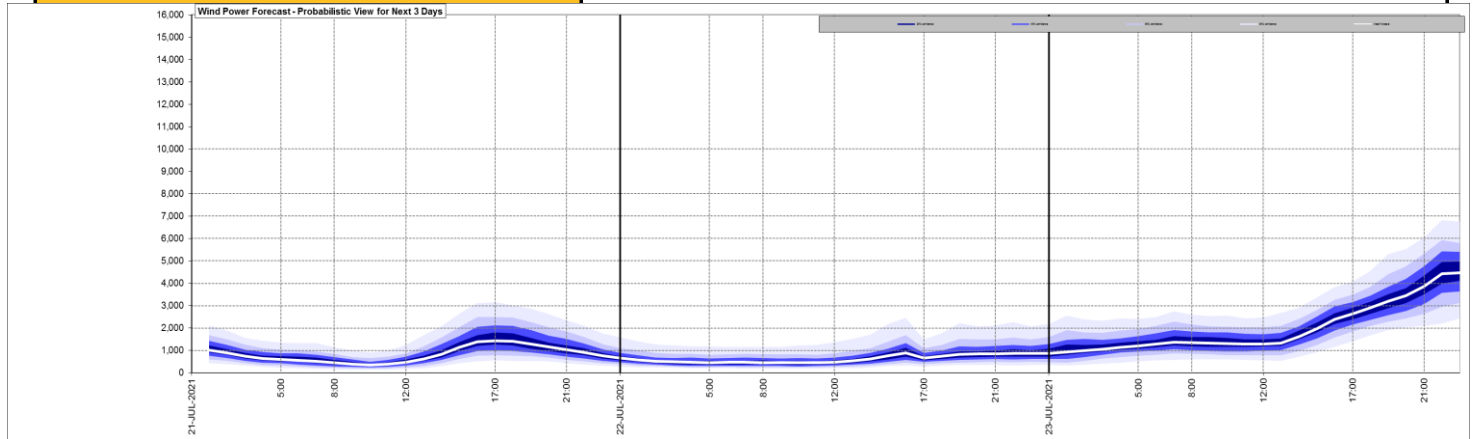


Yesterday's Market Summary	
Cash out price (Max)	£185MWh (SP 39-40)
Cash Out Price (Min)	£64.20MWh (SP31)
Peak Demand Yesterday	32,901MWh

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

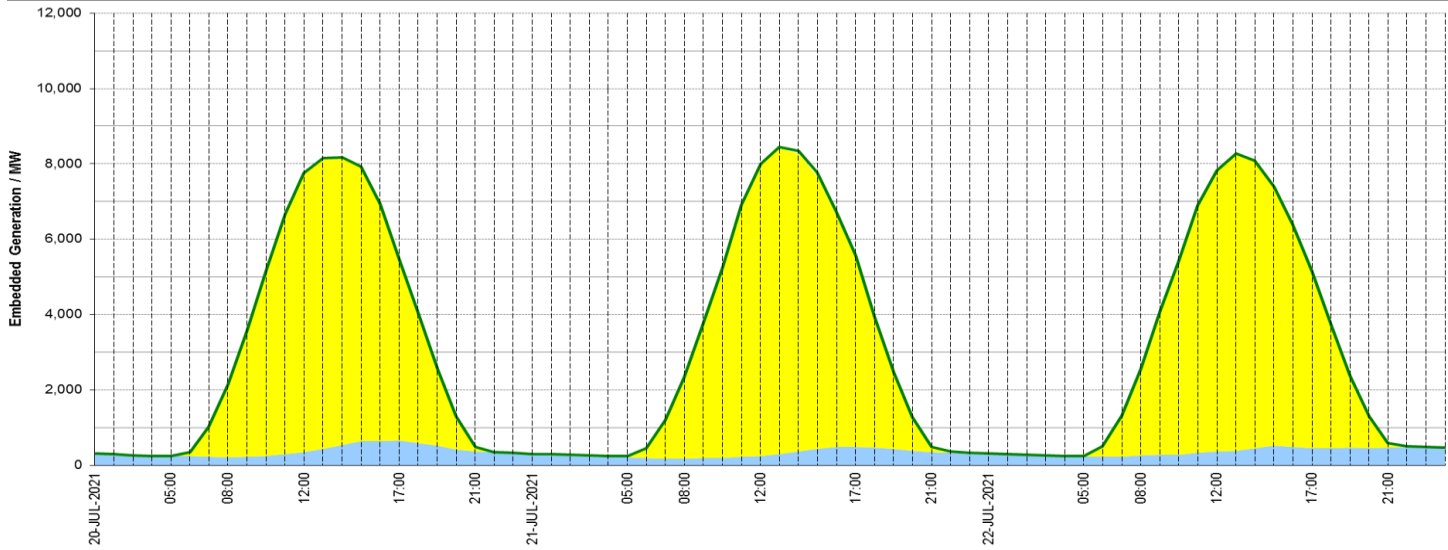
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-JUL-2021					21-JUL-2021					22-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
Solar (MW)	0	1930	7410	4840	108	0	0	2139	7716	4977	102	0	0	2306	7453	4679	118
Wind (MW)	244	211	353	650	369	292	206	182	250	493	342	284	231	261	356	456	465
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	244	2141	7763	5490	477	293	235	2334	7991	5570	492	307	246	2579	7821	5145	587



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another dry and sunny day for many areas, once low cloud clears back to the coast in the northeast. The high temperatures may trigger isolated heavy showers in the afternoon.</p> <p>Tonight: Heavy showers and thunderstorms over east and southeast England slowly fading, then dry and warm overnight with clear periods, but low cloud and hill fog affecting northeast England and eastern Scotland.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Amber Warning Extreme Heat Mon 19 16:05 - Thu 22 23:59</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