

**National Electricity
Transmission System Status Report**

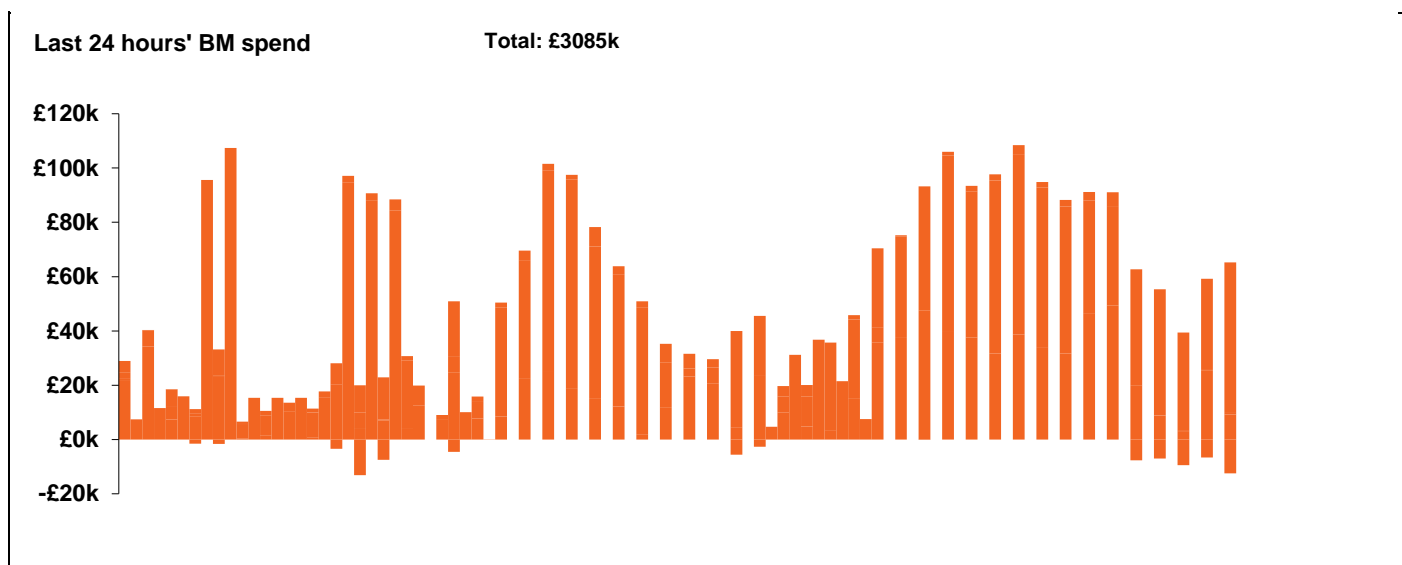


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 18 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	6853 (SP 42)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

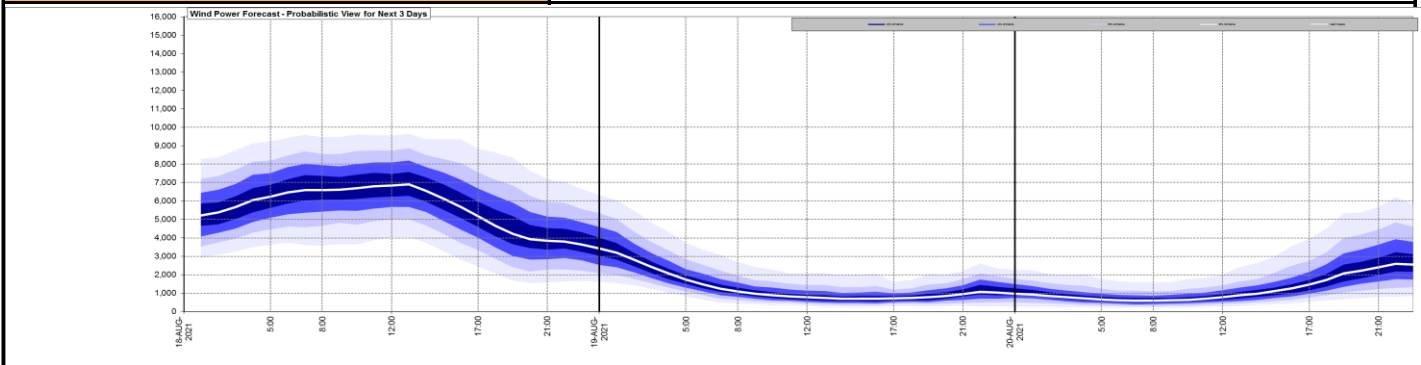


Yesterday's Market Summary	
Cash out price (Max)	£155.00/MWh (SP 37-41)
Cash Out Price (Min)	£ 35.17/MWh (SP 7-8)
Peak Demand Yesterday	32,159MW

**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

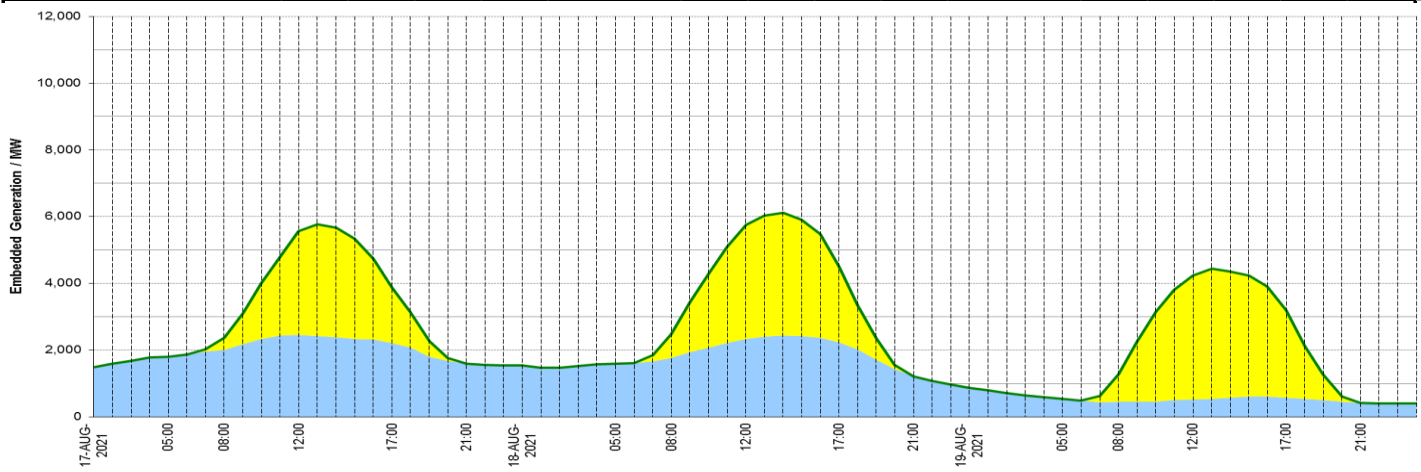


Key:
■ 20% confidence ■ 40% confidence ■ 60% confidence ■ 80% confidence — Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	17-AUG-2021					18-AUG-2021					19-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	373	3110	1680	1	0	0	699	3414	2275	0	0	0	832	3720	2626	0
Wind (MW)	1804	2003	2451	2214	1591	1533	1583	1769	2331	2224	1203	869	531	445	518	575	423
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1804	2376	5561	3894	1592	1533	1583	2468	5745	4499	1203	869	531	1277	4238	3201	423



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rather cloudy, though some sunshine to the lee of high ground where it will be quite warm. Patchy light rain or drizzle in places, mainly across western coasts and hills, with a more organised band across parts of northern Scotland.</p> <p>Tonight: Some rain in northern Scotland with patchy drizzle across some parts of England, Wales & Northern Ireland, but some drier, clearer gaps - especially to the lee of high ground.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>No weather warnings are in force for the UK</p> <p>Flood Warnings: 0 Flood Warnings and 0 Flood Alerts issued for England. 0 Flood Warnings and 0 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