

**National Electricity
Transmission System Status Report**

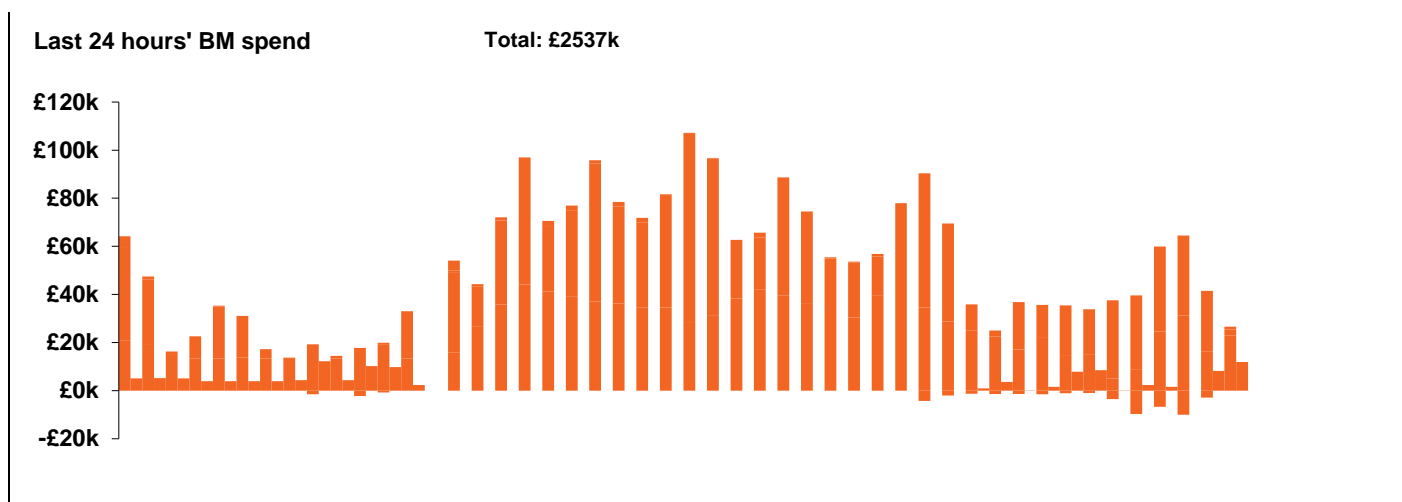


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 21 August 2021

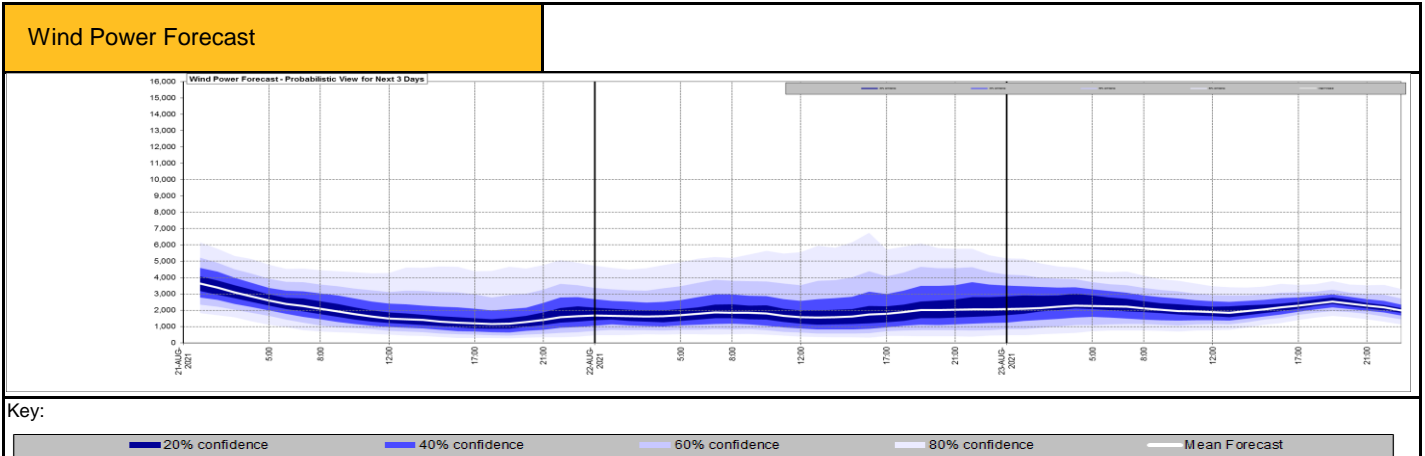
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	4713.32 (SP 37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



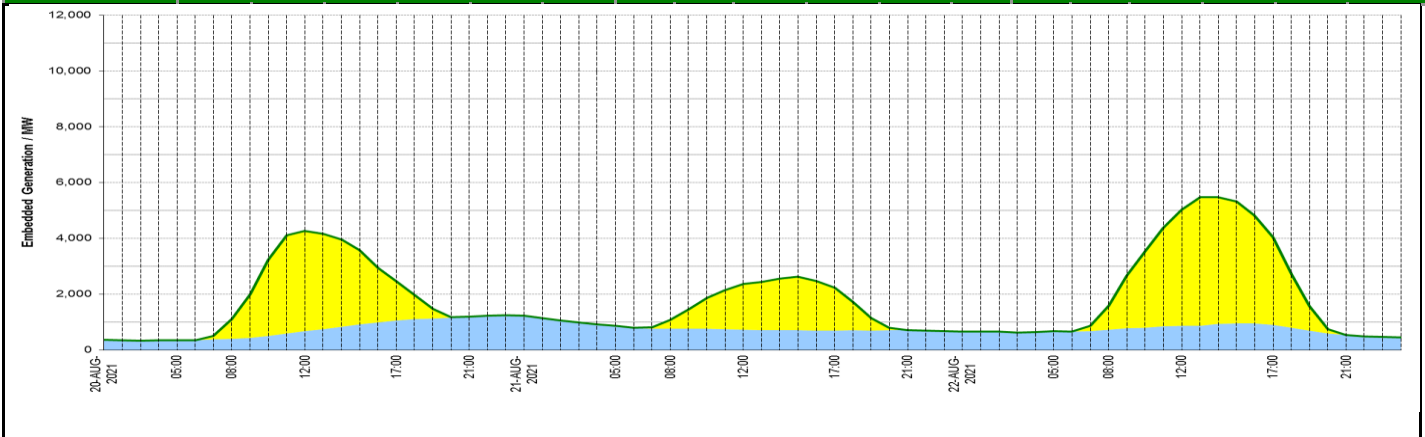
Yesterday's Market Summary	
Cash out price (Max)	£161.40/MWh (SP 35)
Cash Out Price (Min)	£48.50/MWh (SP 43,44)
Peak Demand Yesterday	31,790 MW

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	20-AUG-2021					21-AUG-2021					22-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	707	3590	1420	1	0	0	306	1633	1525	0	0	0	875	4166	3144	0
Wind (MW)	341	392	674	1053	1192	1228	864	760	730	699	705	663	667	722	860	895	530
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	341	1099	4264	2473	1193	1228	864	1066	2363	2224	705	663	667	1597	5026	4039	530



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain, heavy at times, moving north and east across many areas. Then turning brighter across southern, western and later some central parts, but with showers, heavy and thundery in places.</p> <p>Tonight: Heavy rain or showers becoming restricted to parts of northern and eastern England, whilst dying out elsewhere. Mist and low cloud in the north and east.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warning of thunderstorm Areas affected: East Midlands East of England London & South East England North East England North West England Northern Ireland South West England Wales West Midlands Yorkshire & Humber</p>
		<p>Flood Warnings:</p> <p>0 Flood Warnings and 0 Flood Alerts issued for England.</p> <p>0 Flood Warnings and 0 Flood Alerts issued for Scotland.</p> <p>0 Flood Warnings and 0 Flood Alerts issued for 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