

**National Electricity
Transmission System Status Report**

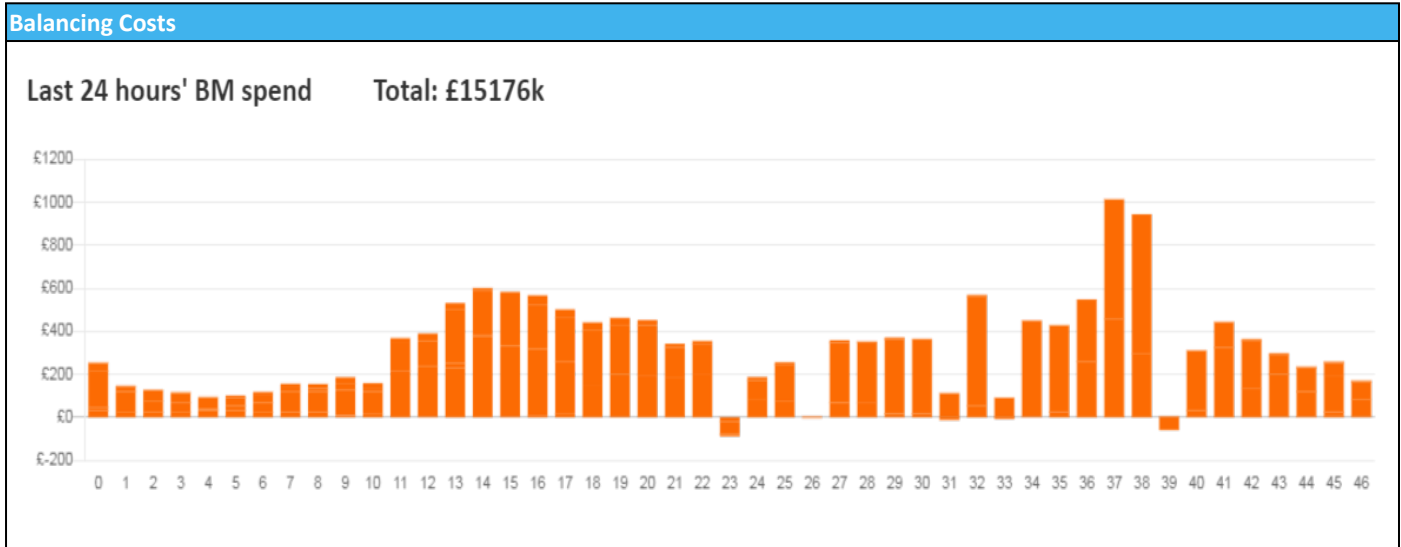


national**grid**ESO

National Electricity Transmission System Status Report
Friday 12 August 2022

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

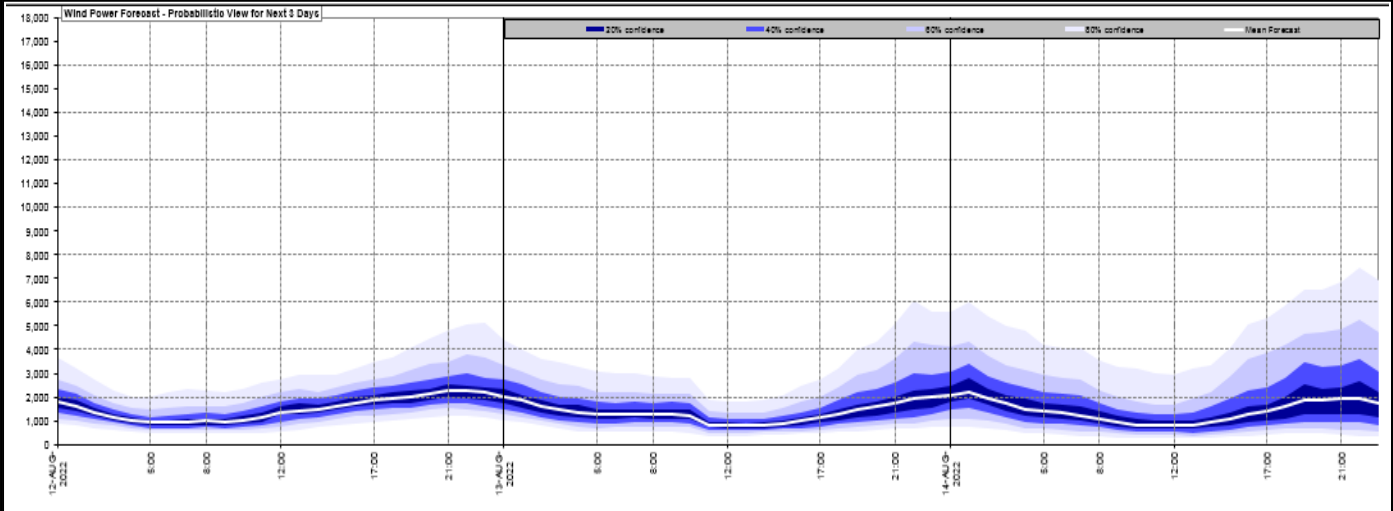
Today's Minimum De-Rated Margin	3411 (SP 36)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£760.05 (SP 39)
Cash Out Price (Min)	£44.42 (SP 25)
Peak Demand Yesterday	29,554 MW
Minimum Demand	19,812 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	244	250	Partially Available
Norway (NSL)	1260	1150	ESO NTC Restriction

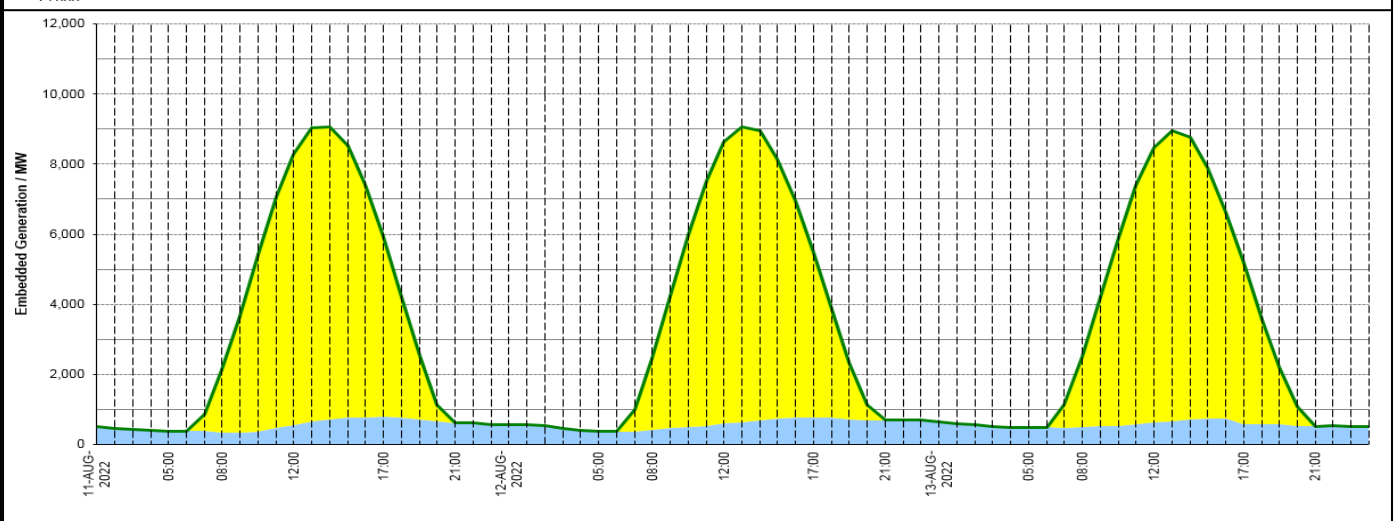
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-AUG-2022					12-AUG-2022					13-AUG-2022						
	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	1776	7736	5144	0	0	0	2047	8017	4704	0	0	0	2013	7822	4585	0
Wind (MW)	388	340	555	795	606	568	377	411	605	772	691	641	494	495	637	589	517
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	388	2116	8291	5939	606	568	377	2458	8622	5476	691	641	494	2508	8459	5174	517



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another sunny and very hot day for many areas, although cooler on some northeast coasts with patchy mist and cloud developing. Further cloud and some rain in the far north and northwest.</p> <p>Tonight: Some low cloud in the north and northeast with a few fog patches developing in east England and Northern Ireland. Otherwise dry and clear for staying warm for many overnight.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Amber warning of extreme heat Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber Starts: 00:00 BST on Thu 11 August Ends: 23:59 BST on Sun 14 August</p> <p>Flood Warnings No flood warnings 0 alerts in Scotland. No flood warnings 0 alerts in Wales. No flood warnings 0 alerts in England.</p>

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