

**National Electricity
Transmission System Status Report**

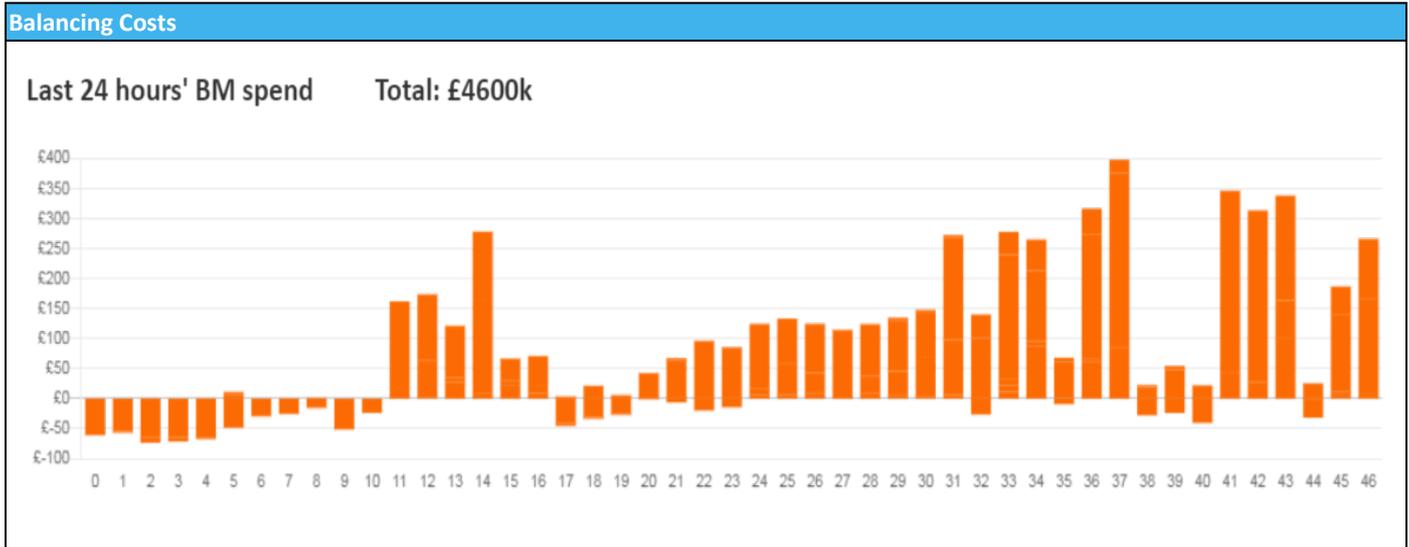


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 19 July 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			

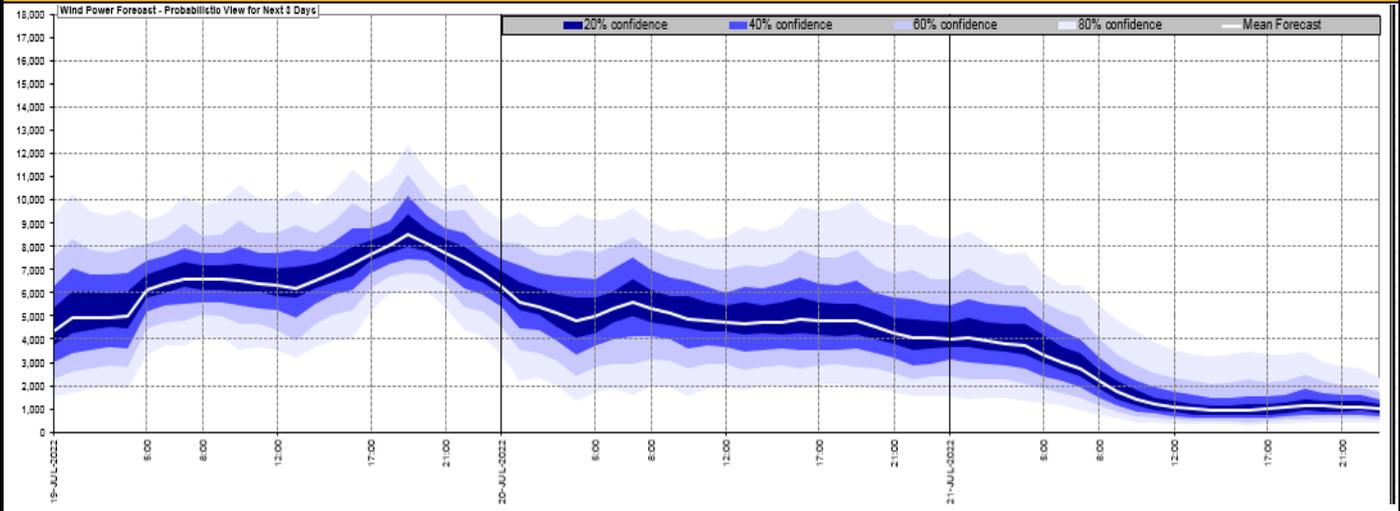
Today's Minimum De-Rated Margin	4818 (SP 45)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£691.15 (SP 39)
Cash Out Price (Min)	£110.00 (SP 4&5)
Peak Demand Yesterday	30,426 MW
Minimum Demand	18,925 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)	0	0	Planned Outage
Norway (NSL)	1260	1100	ESO NTC restriction

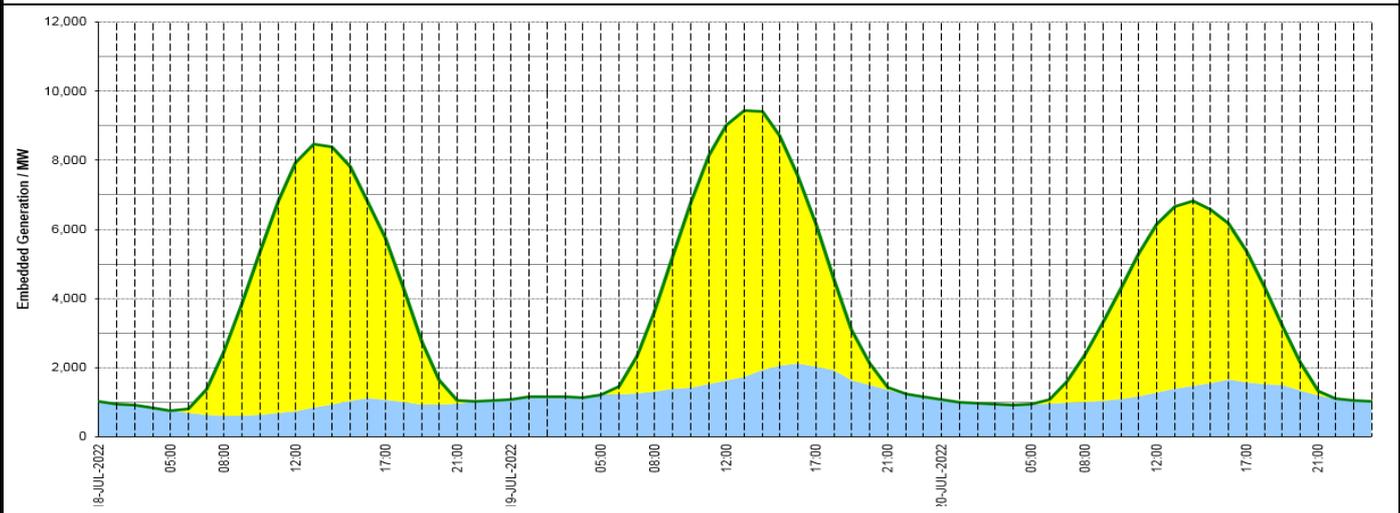
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	18-JUL-2022					19-JUL-2022					20-JUL-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)	1	1860	7180	4680	83	0	0	2294	7382	4114	75	0	0	1353	4879	3786	123
Wind (MW)	764	597	747	1063	956	1078	1214	1308	1631	2038	1357	1087	931	1008	1274	1586	1193
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	765	2457	7927	5743	1039	1078	1214	3602	9013	6152	1432	1087	931	2361	6153	5372	1316



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Exceptionally hot for much of England, Wales and parts of Scotland. Turning less hot in west perhaps with some thunderstorms moving across the southwest and Wales. Chance of isolated afternoon thunderstorms and gusty winds northeast England. Some rain far northwest. Tonight: Still very warm in central, southern and eastern England but elsewhere a cooler night than recently. Some rain in far N and perhaps some thunder in the south and southeast.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Red - Extreme heat East Midlands, East of England, London & South East England, North West England, South West England, West Midlands, Yorkshire & Humber Amber - Extreme heat East Midlands, East of England, London & South East England, North East England, North West England, South West England, Wales, West Midlands, Yorkshire & Humber, Central, Tayside & Fife, SW Scotland, Lothian Borders, Strathclyde, Flood Warnings No flood warnings are currently in force for England.

Weather	Source	Commentary
		<p>No flood warnings are currently in force for Scotland.</p> <p>No flood warnings are currently in force 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