

**National Electricity
Transmission System Status Report**

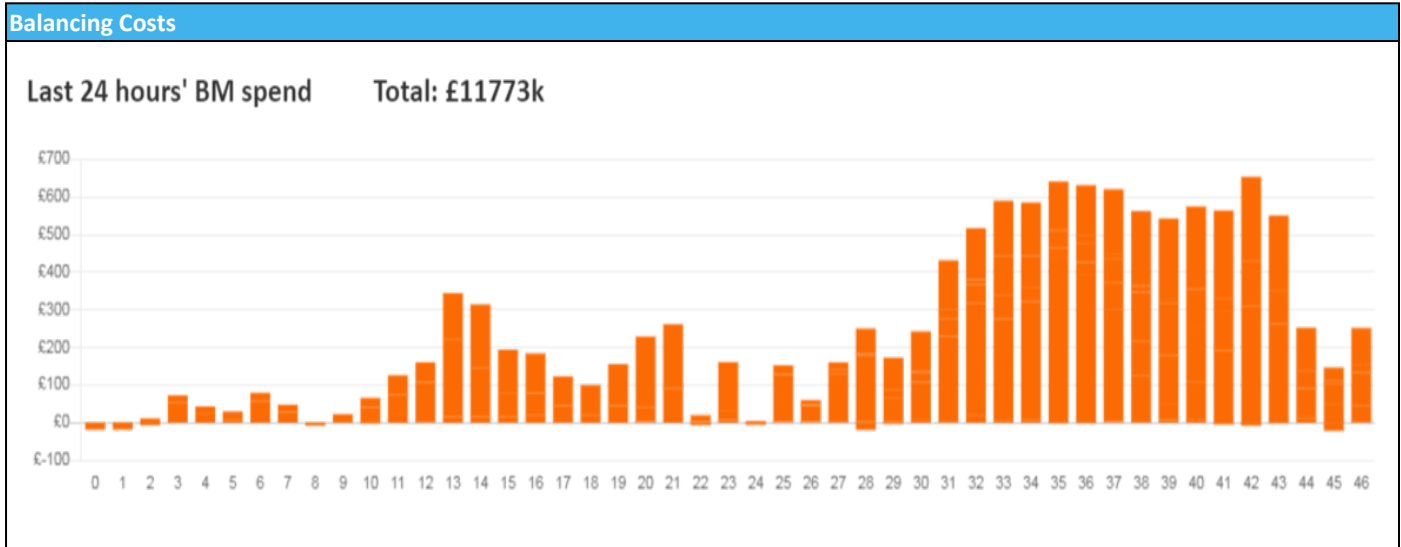


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 12 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			

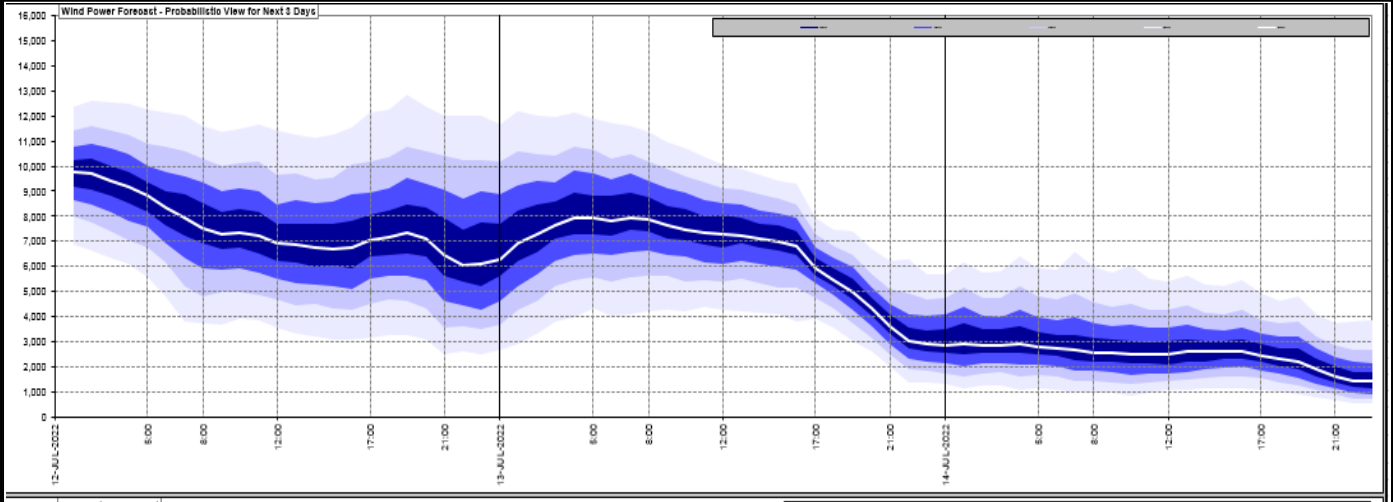
Today's Minimum De-Rated Margin	5287 (SP 39)	
Current BMU Largest Loss Risk	Generation	1800 MW
	Demand	1150 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£431.68 (SP 39)
Cash Out Price (Min)	£00.00 (SP 2)
Peak Demand Yesterday	31,619 MW
Minimum Demand	19,690 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)	1400	900	ESO NTC restriction

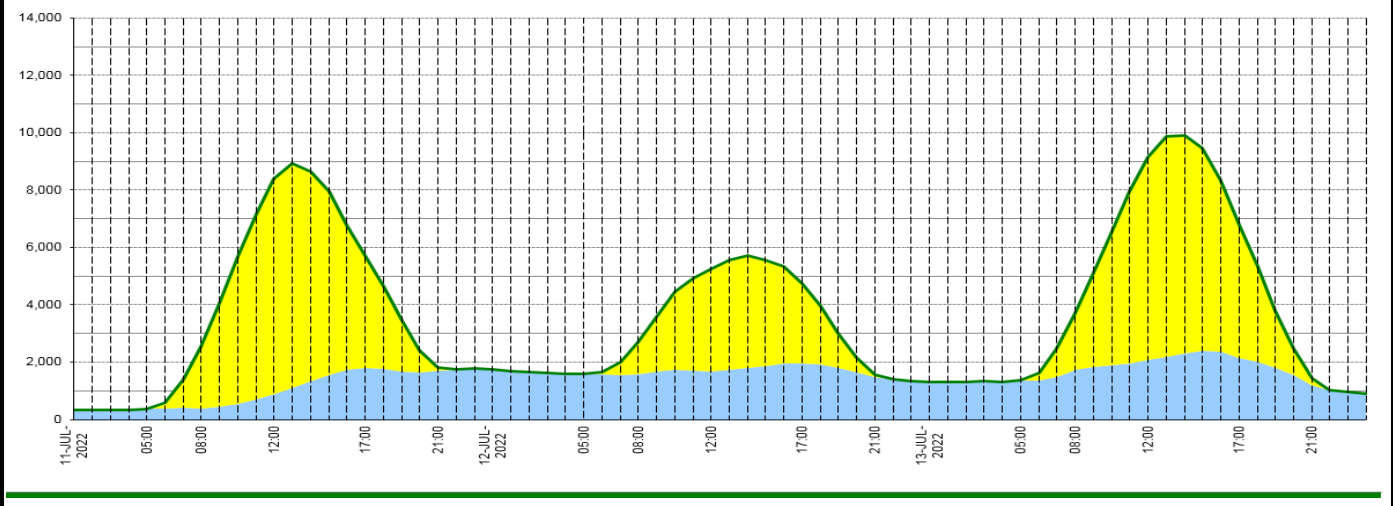
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-JUL-2022					12-JUL-2022					13-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	2160	7500	3910	116	0	0	1104	3568	2777	90	0	0	1990	7088	4657	221
Wind (MW)	378	388	887	1800	1693	1745	1586	1585	1683	1958	1476	1319	1358	1719	2067	2138	1207
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	379	2548	8387	5710	1809	1745	1586	2689	5251	4735	1566	1319	1358	3709	9155	6795	1428



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: There will be a good deal of cloud today, but still with bright or sunny spells in the south, where turning hot again. Some rain in the north edging south, with the odd shower for Wales and central England later.</p> <p>Tonight: Very warm in the south, with risk of a shower later. Elsewhere, variable cloud, some drizzle for western coasts of England and Wales and scattered showers in the far north.</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 East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>Starts: 00:00 BST on Sun 17 July Ends: 23:59 BST on Sun 17 July Some exceptionally high temperatures are possible during Sunday and could lead to widespread impacts on people and infrastructure.</p> <p>Flood Warnings No flood warnings are currently in force for England.</p>

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