

**National Electricity
Transmission System Status Report**

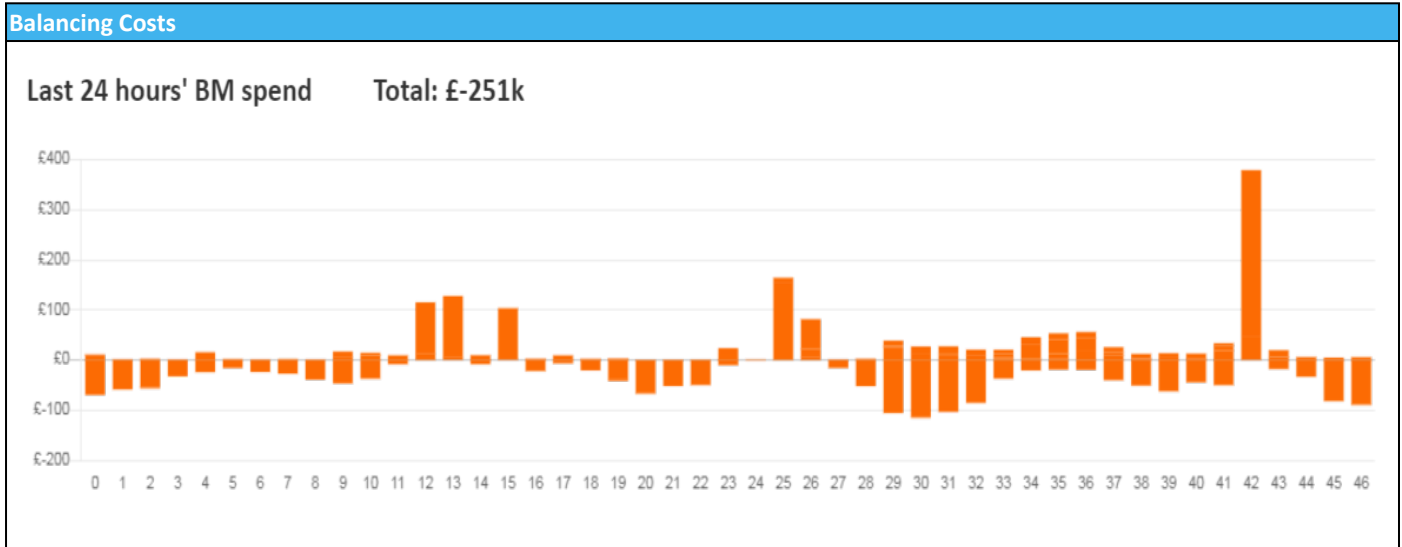


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 16 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			

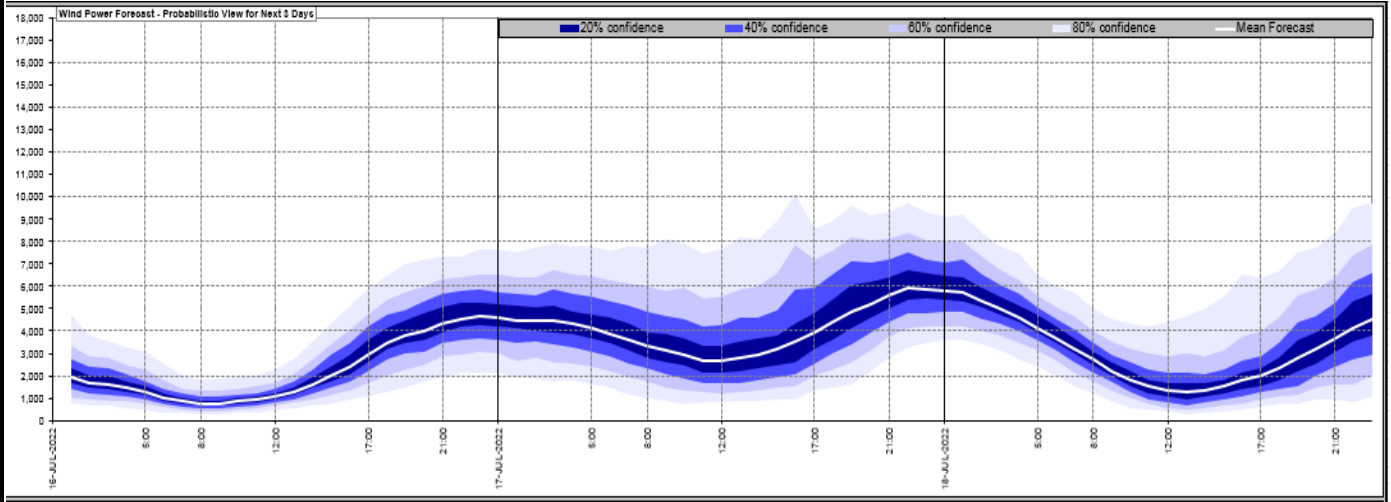
Today's Minimum De-Rated Margin	8349 (SP 39)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£390.00 (SP 27)
Cash Out Price (Min)	£135.01 (SP 31 & SP 32)
Peak Demand Yesterday	30,514 MW
Minimum Demand	18,400 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	1150	ESO NTC restriction

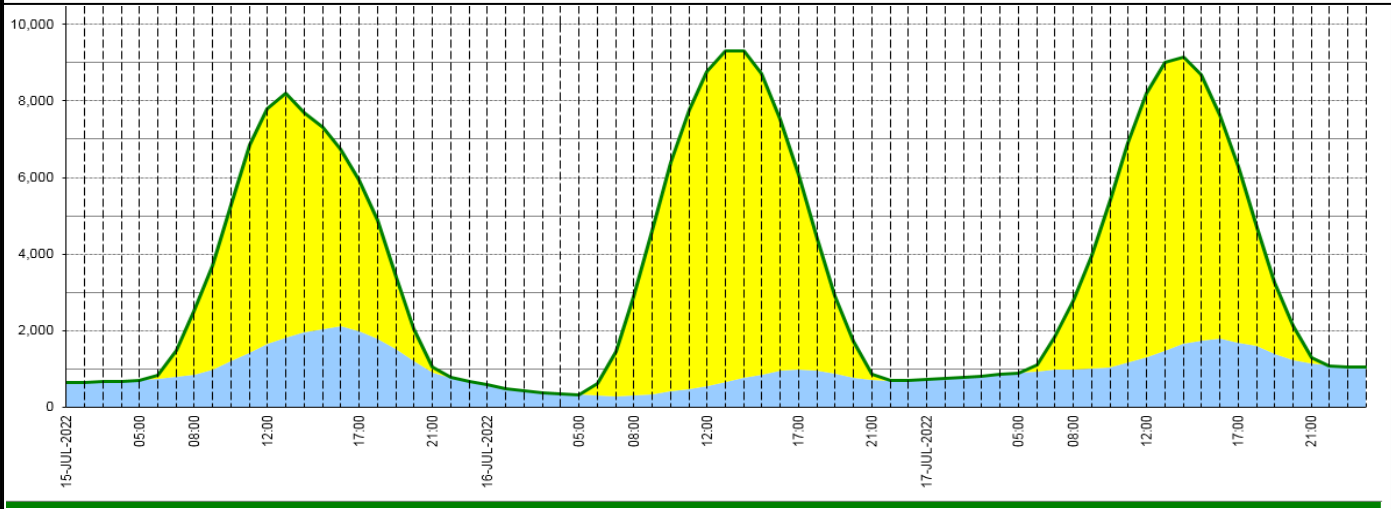
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-JUL-2022					16-JUL-2022					17-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	1650	6140	3950	149	0	0	2594	8215	5103	155	0	0	1795	6897	4608	157
Wind (MW)	711	855	1648	1988	896	578	321	298	554	978	713	718	894	993	1294	1674	1141
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	712	2505	7788	5938	1045	578	321	2892	8769	6081	868	718	894	2788	8191	6282	1298



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Fine and dry with plenty of sunshine, most areas warmer than yesterday. Cloudier and breezier for the far north of Scotland where rain at times. Elsewhere in Scotland and over Northern Ireland chance of a few showers later. Tonight: A fine evening for most and then many parts dry with clear skies or long clear periods overnight. Cloudier in the north where a few showers. Warmer than last night.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	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 Starts: 00:00 BST on Sun 17 July Ends: 23:59 BST on Tue 19 July A hot spell is likely to develop from Sunday, likely peaking early next week, leading to widespread impacts on people and infrastructure. Red warning of extreme heat Areas affected: East Midlands East of England London & South East England North West England South West England West Midlands Yorkshire & Humber Starts: 00:00 BST on Mon 18 July Ends: 23:59 BST on Tue 19 July

Weather	Source	Commentary
		<p>An exceptional hot spell on Monday and Tuesday leading to widespread impacts on people and infrastructure.</p> <p>Amber warning of extreme heat Areas affected: North East England North West England SW Scotland, Lothian Borders South West England Strathclyde Wales Yorkshire & Humber Starts: 00:00 BST on Mon 18 July Ends: 23:59 BST on Tue 19 July A hot spell is likely to develop from Sunday, likely peaking early next week, leading to widespread impacts on people and infrastructure.</p>
		<p>Flood Warnings No flood warnings are currently in force for England.</p> <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