

**National Electricity
Transmission System Status Report**

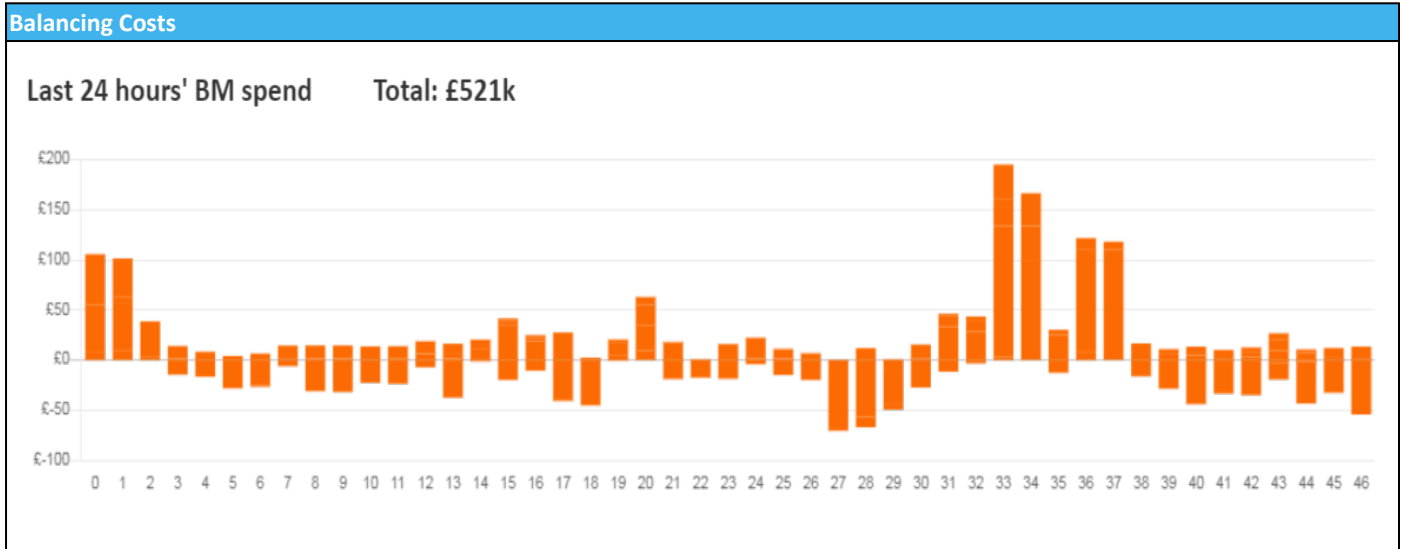


national**grid**ESO

National Electricity Transmission System Status Report
Monday 18 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			

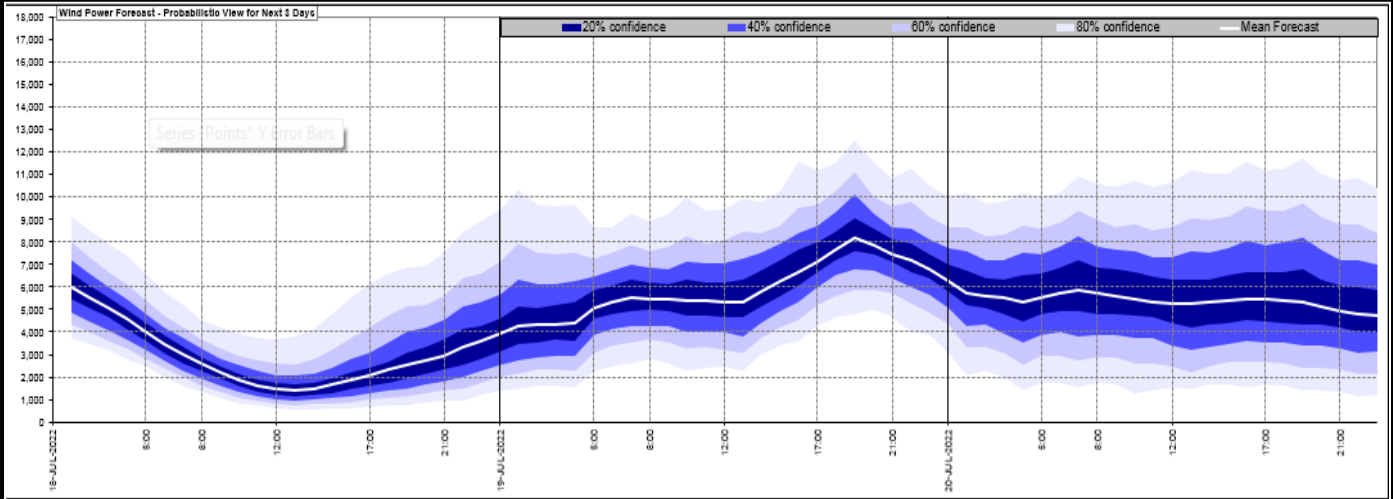
Today's Minimum De-Rated Margin	988 (SP 38)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£262.16 (SP 35)
Cash Out Price (Min)	£00.00 (SP 29)
Peak Demand Yesterday	29,752 MW
Minimum Demand	18,840 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

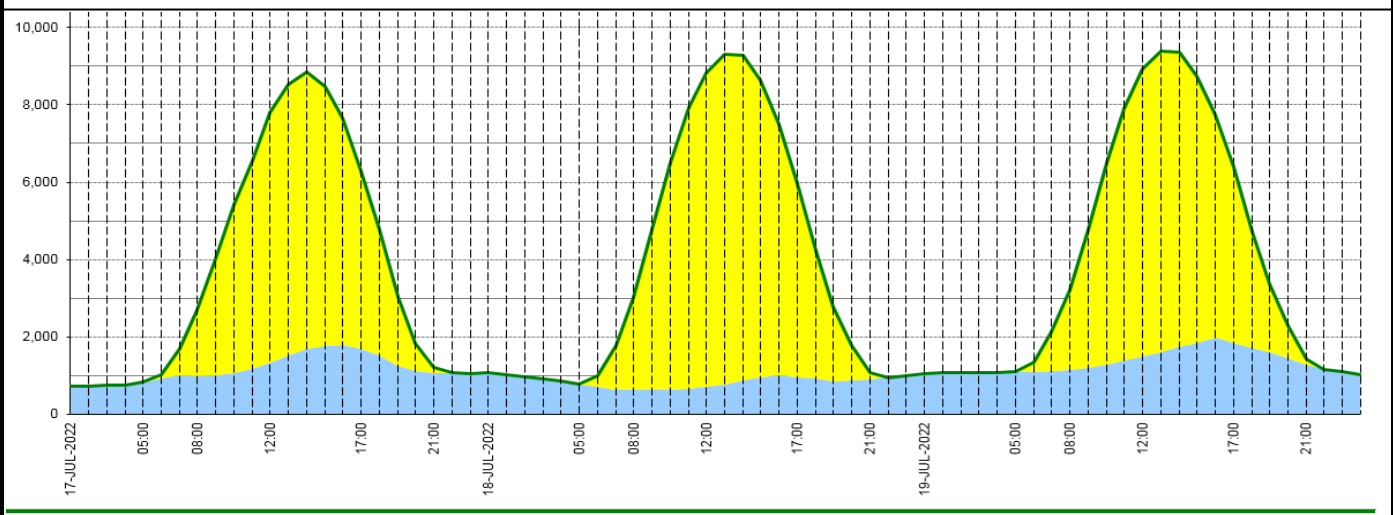
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUL-2022					18-JUL-2022					19-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)	0	1700	6460	4600	130	0	1	2388	8127	4999	165	0	0	2049	7420	4525	145
Wind (MW)	830	989	1325	1694	1071	1069	770	625	703	967	909	1036	1097	1150	1494	1838	1287
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	830	2689	7785	6294	1201	1069	771	3029	8815	5961	1073	1036	1097	3206	8938	6379	1432



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Dry with patchy cloud and sunny periods, although there is the risk of a shower and rumble of thunder in eastern England at first and then in west and north later. Becoming hot, but very hot for England and Wales. Tonight: Very warm and generally fine, but some showers in the north and northwest, with heavier showers into far southwest later.
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 ACTIVE: Started at: 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

Weather	Source	Commentary
		<p>ACTIVE: Started at: 00:00 BST on Mon 18 July Ends: 23:59 BST on Tue 19 July 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: Central, Tayside & Fife North East England North West England SW Scotland, Lothian Borders South West England Strathclyde Wales Yorkshire & Humber</p> <p>ACTIVE: Started at: 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