

National Electricity Transmission System Status Report

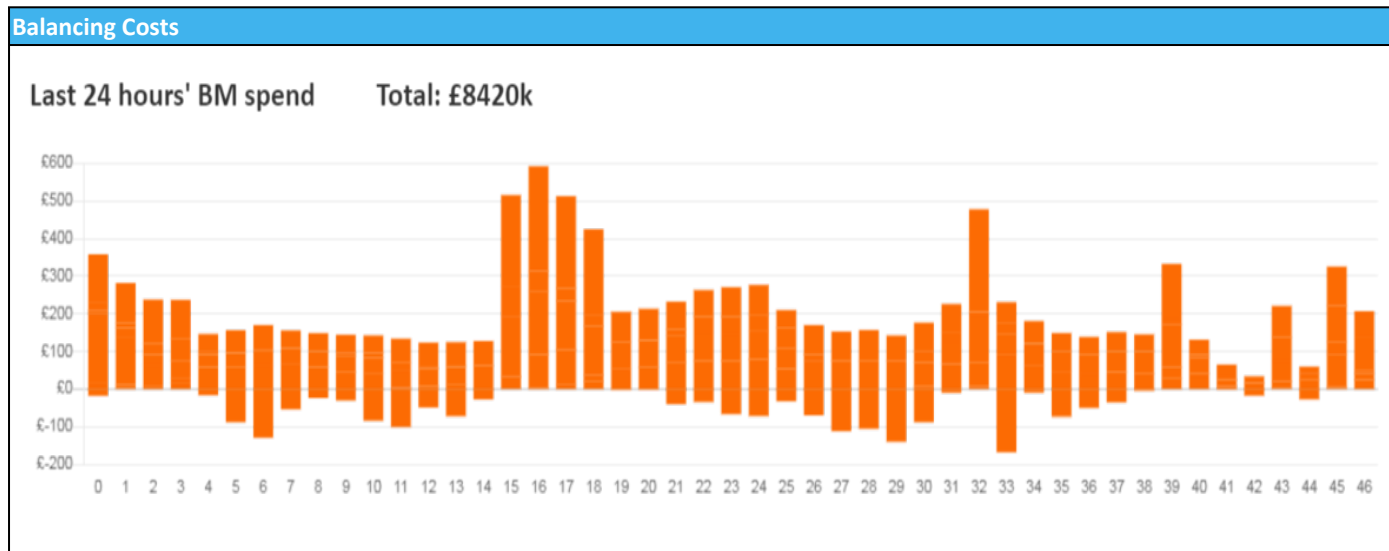


nationalgridESO

National Electricity Transmission System Status Report
Thursday 14 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			

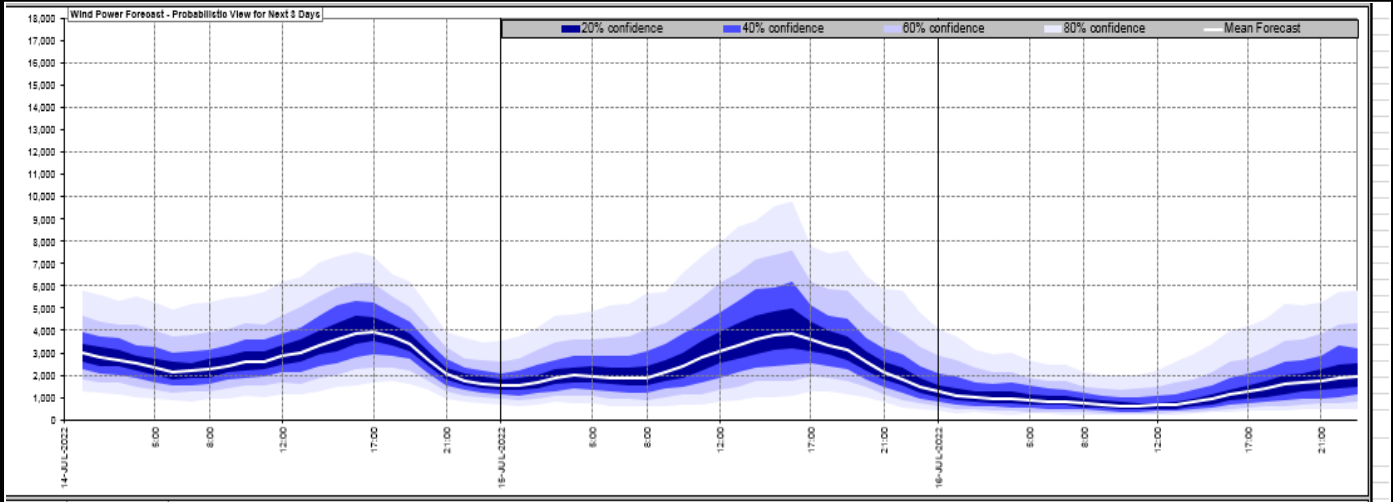
Today's Minimum De-Rated Margin	2564 (SP 45)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£418.00 (SP 34)
Cash Out Price (Min)	£136.00 (SP 27)
Peak Demand Yesterday	32,573 MW
Minimum Demand	19,400 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)	1400	900	ESO NTC restriction

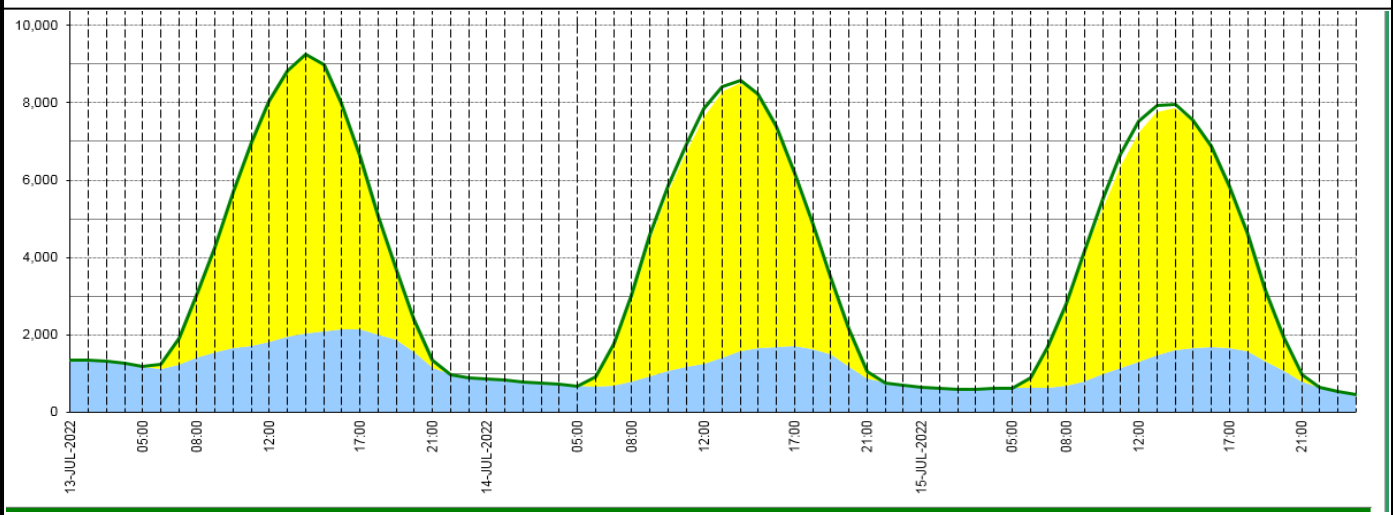
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	13-JUL-2022					14-JUL-2022					15-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	1620	6230	4490	199	0	1	2138	6386	4486	178	0	0	2107	5936	4220	188
Wind (MW)	1176	1402	1821	2133	1157	854	674	789	1265	1705	877	633	619	674	1313	1657	795
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1177	3022	8051	6623	1356	854	675	3010	7846	6188	1049	633	619	2799	7536	5817	960



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Scotland, Northern Ireland and northern England sunny spells and showers, some heavy. Showers tending to fade from the west later. Elsewhere dry, fine and largely sunny. Still warm or very warm in the south, but temperatures near average elsewhere.</p> <p>Tonight: Showers in the north dying out, to leave clear spells before further cloud and showery rain arrives from the west. Dry, fine and clear elsewhere.</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 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>

Weather	Source	Commentary
		No flood warnings are currently in force for Scotland. No flood warnings are currently in force for Wales.

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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