

**National Electricity
Transmission System Status Report**

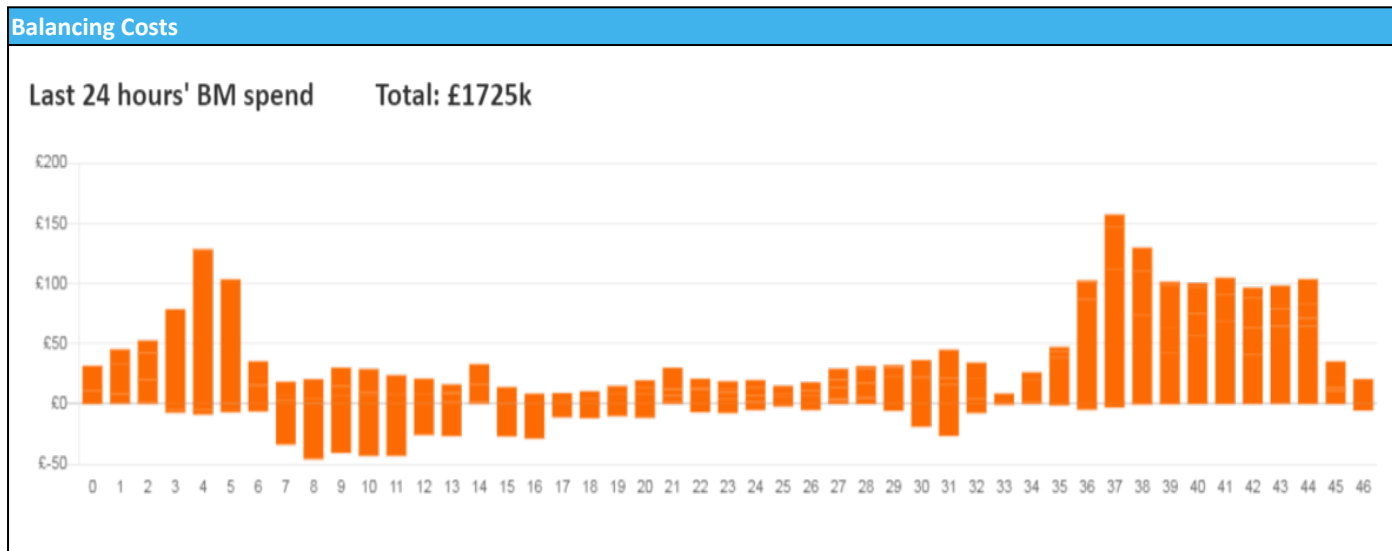


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 12 July 2023

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			

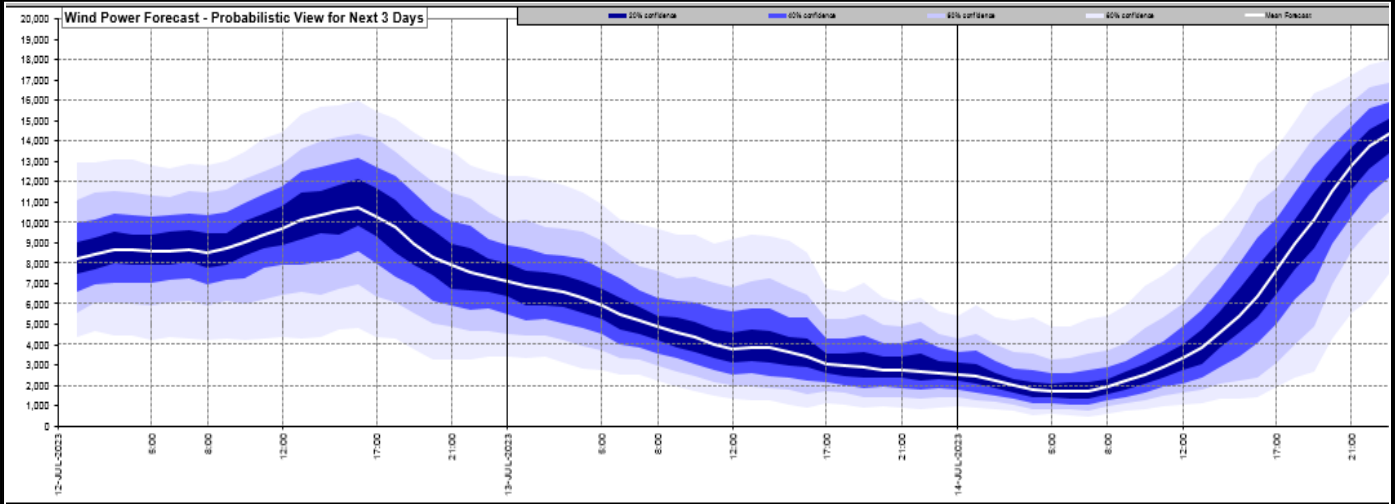
Today's Minimum De-Rated Margin	8,264 (SP 48)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	850 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£160.00 (SP 5)
Cash Out Price (Min)	£34.32 (SP 19)
Peak Demand Yesterday	30,588 MW
Minimum Demand	17,395 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1500	1500	Unplanned Outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

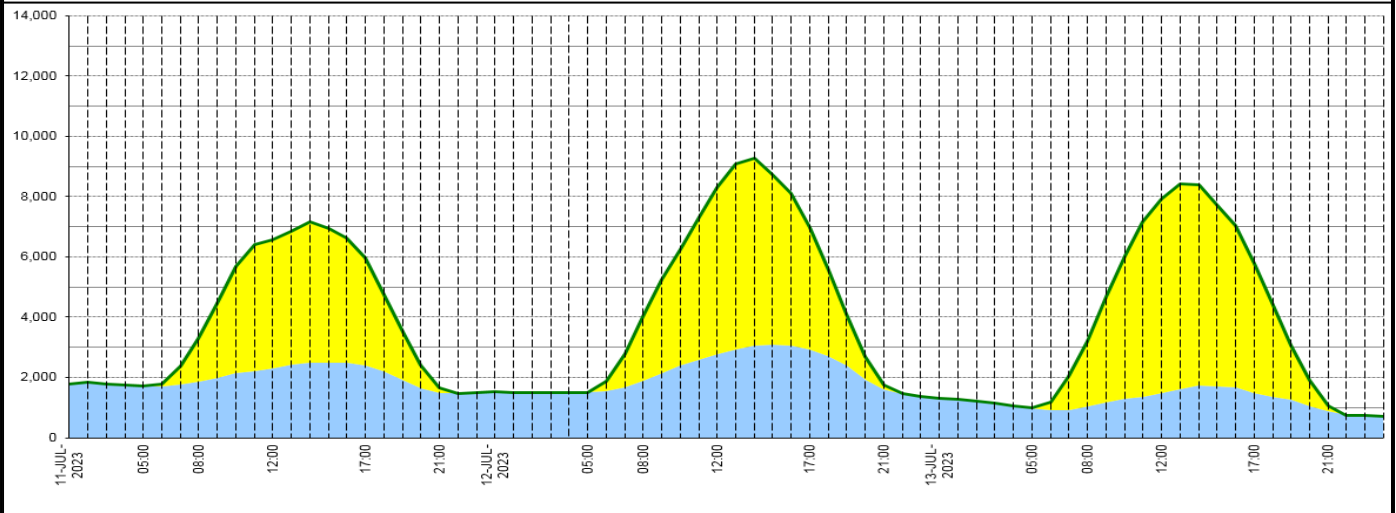
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-JUL-2023					12-JUL-2023					13-JUL-2023						
	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	1436	4254	3584	169	0	0	2137	5508	4040	152	0	0	2139	6445	4278	180
Wind (MW)	1706	1847	2310	2391	1486	1514	1504	1894	2777	2925	1604	1320	978	1050	1489	1487	879
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1706	3283	6564	5975	1655	1514	1504	4031	8285	6965	1756	1320	978	3189	7934	5765	1059



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Central and southeast England will start fine with some sunshine. Otherwise it will be a day of bright or sunny spells and showers, the showers heavy and thundery in places. Feeling cool in the breeze, this strongest in the south. Tonight: A scattering of showers will continue to affect northern and western areas during the evening and overnight. Further south and east it will become generally dry with some clear spells.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 0 flood warnings and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued 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