

**National Electricity
Transmission System Status Report**

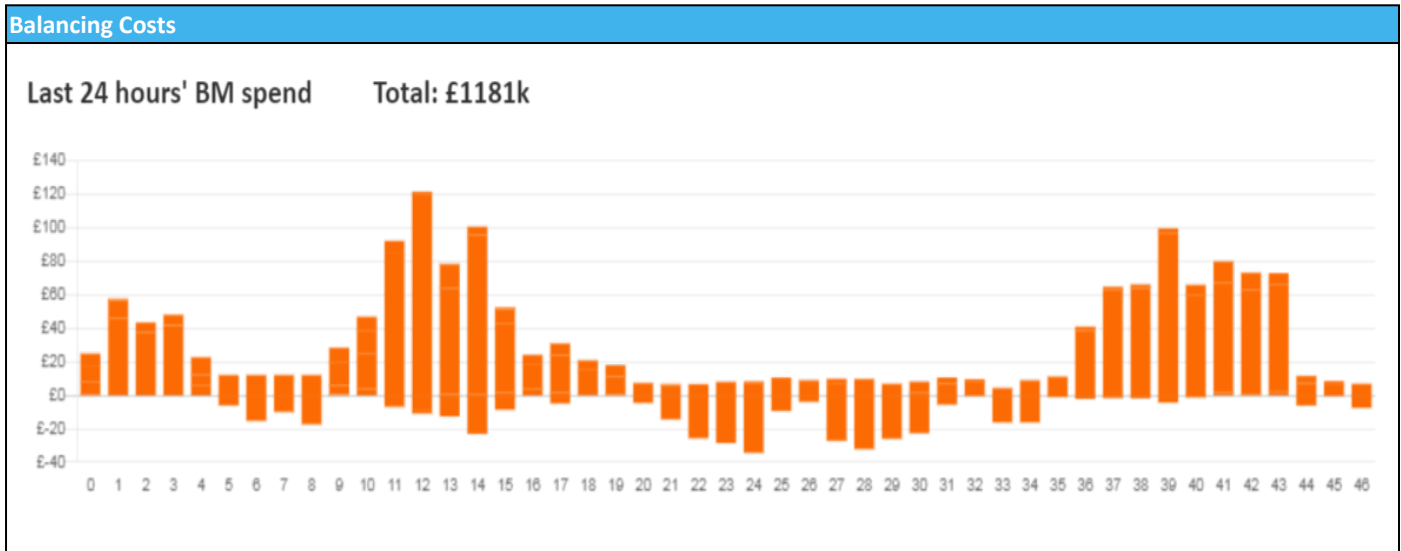


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 13 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			

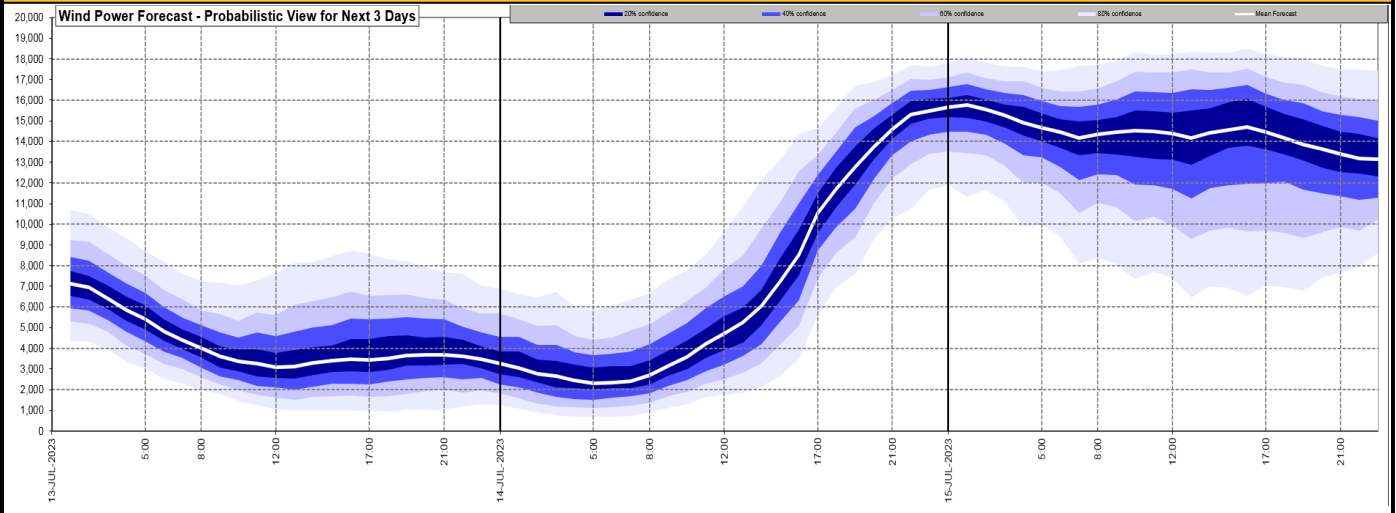
Today's Minimum De-Rated Margin	5,363 (SP 41)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£160 (SP 13 & 16)
Cash Out Price (Min)	£52 (SP 48)
Peak Demand Yesterday	29,835 MW
Minimum Demand	17,529 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

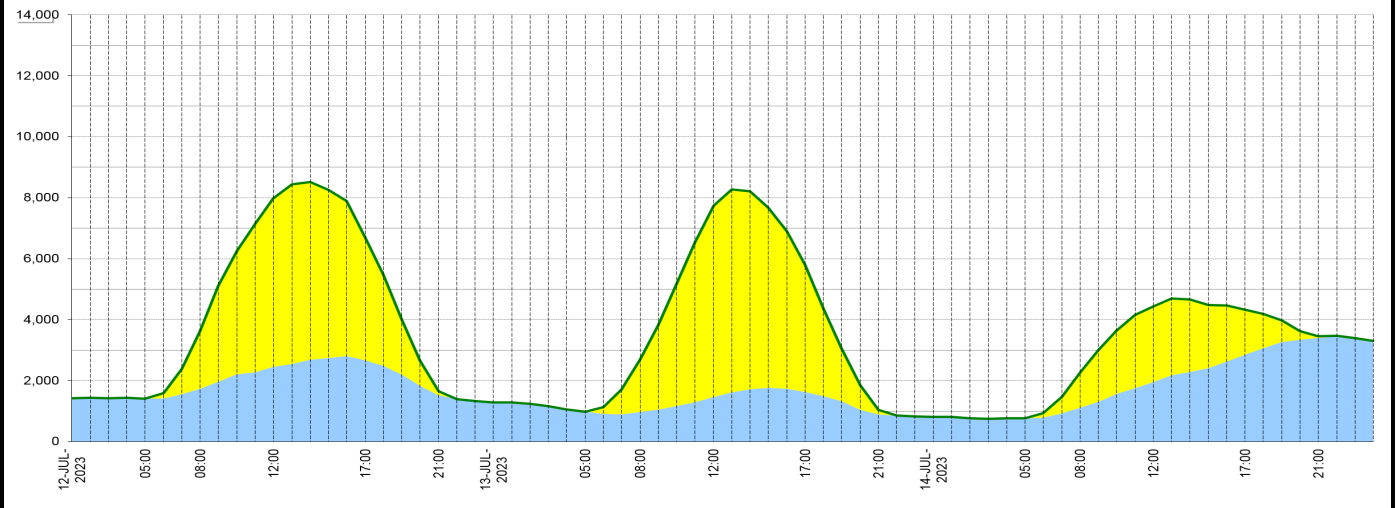
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	12-JUL-2023					13-JUL-2023					14-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	1884	5538	4014	129	0	0	1736	6278	4167	151	0	0	1156	2486	1479	42
Wind (MW)	1410	1734	2446	2662	1516	1283	981	964	1462	1631	894	809	759	1100	1942	2848	3408
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1410	3618	7984	6676	1645	1283	981	2700	7740	5798	1045	809	759	2256	4428	4327	3450



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Another day of sunny spells and showers, the showers still locally heavy in the north, though lighter and fewer in number than of late elsewhere. Lighter winds too, so feeling a little warmer when the sun appears. Tonight: Showers easing, allowing clear spells to develop overnight. However, patchy rain affecting Northern Ireland, Wales, Northern England and southern Scotland. Heavier rain with strengthening winds arriving in the 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 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