

**National Electricity
Transmission System Status Report**

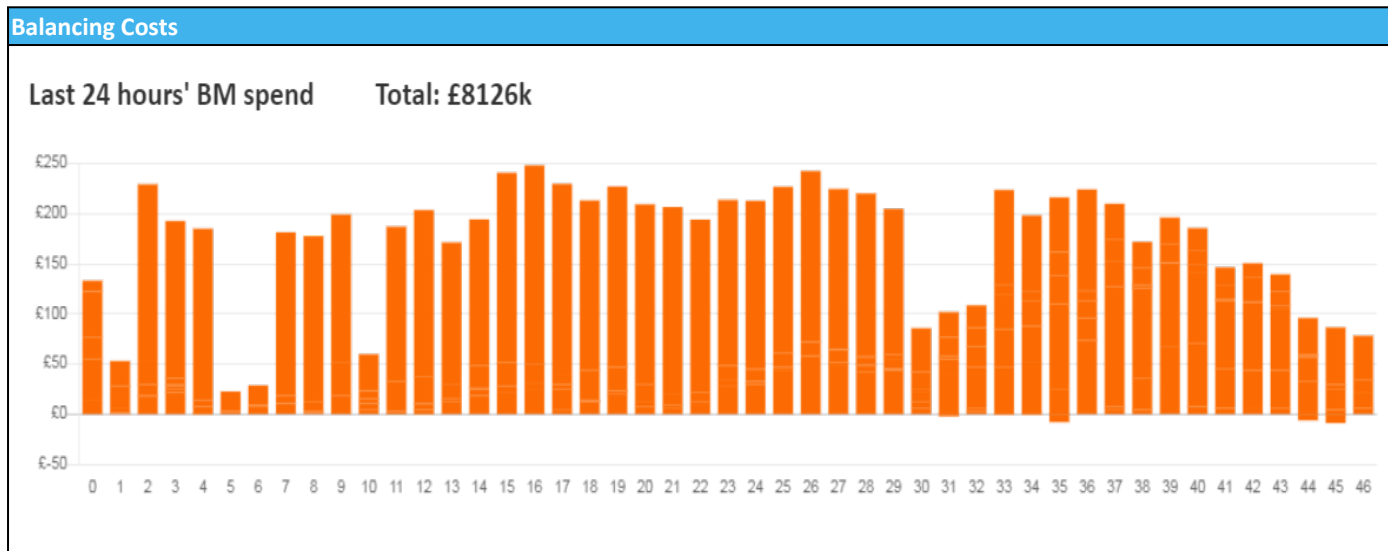


national**grid**ESO

National Electricity Transmission System Status Report
Monday 17 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			

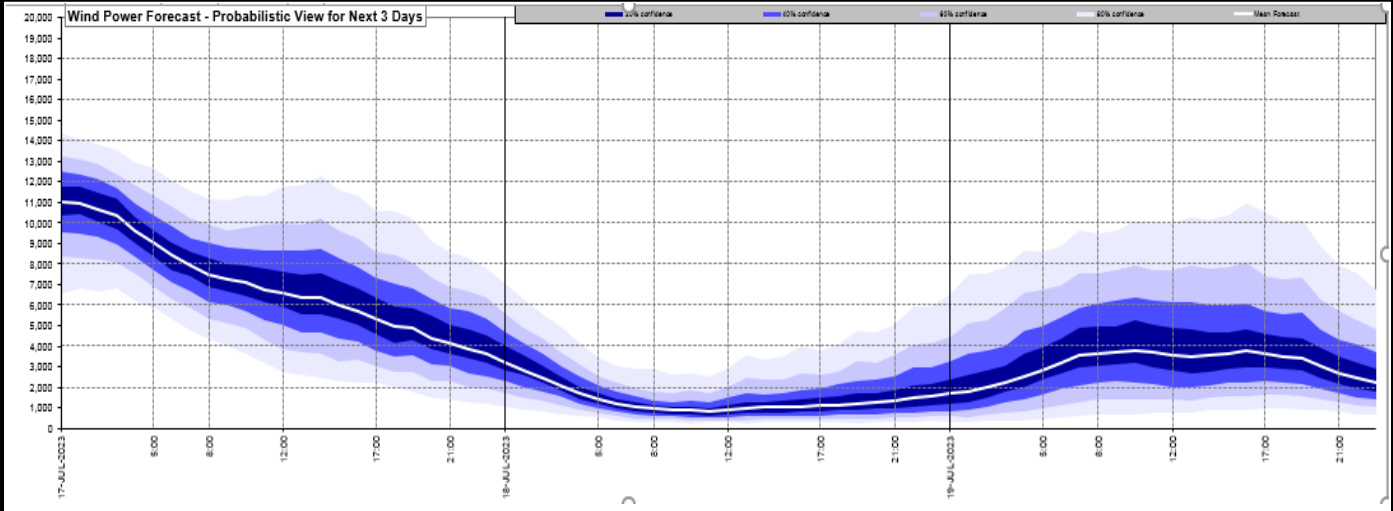
Today's Minimum De-Rated Margin	3036. (SP 48)	
Current BMU Largest Loss Risk	Generation	1800 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£119.00 (SP 44)
Cash Out Price (Min)	£-46.00 (SP 38)
Peak Demand Yesterday	26,870 MW
Minimum Demand	13,601 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	2000	2000	Fully Available
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

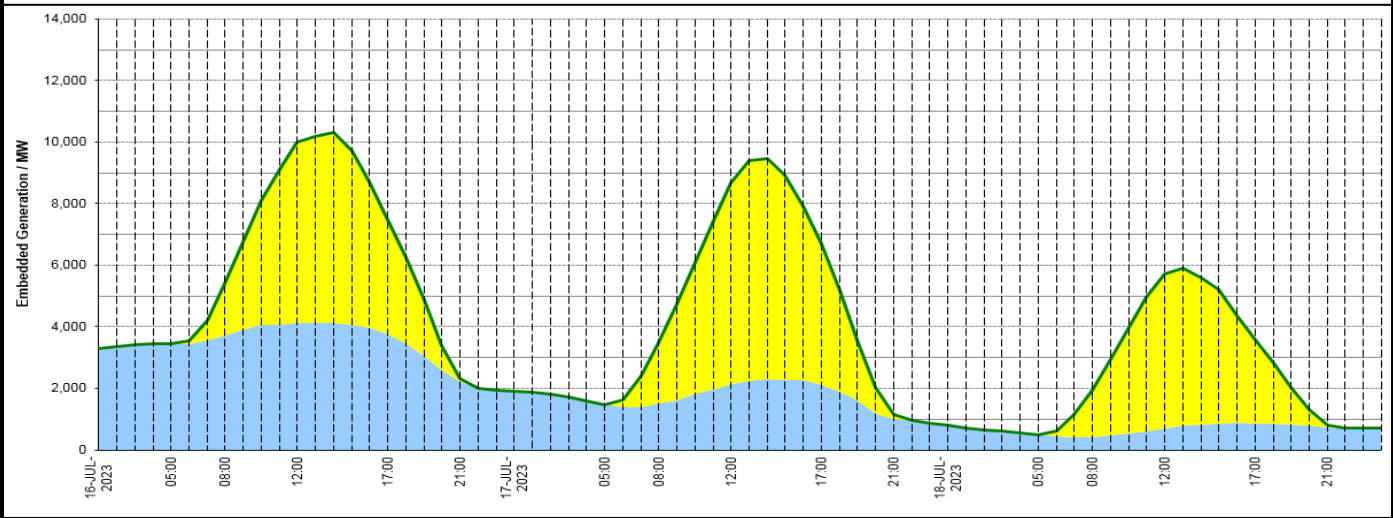
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-JUL-2023					17-JUL-2023					18-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	1678	5890	3726	112	0	0	1984	6531	4584	139	0	0	1530	5022	2711	68
Wind (MW)	3436	3707	4113	3761	2205	1904	1480	1503	2142	2117	1004	793	491	409	700	865	741
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3436	5385	10003	7487	2317	1904	1480	3487	8673	6701	1143	793	491	1939	5722	3576	809



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A mixture of sunshine and showers throughout today. These may be heavy in places with a risk of an isolated thunderstorm. Breezy especially around showers but lighter winds than over the weekend so feeling slightly warmer.</p> <p>Tonight: Showers easing to leave some late sunny spells. Clouding over into the early hours for western areas with outbreaks of rain. Cool under clear skies for central and eastern parts.</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 No weather warnings in place for the UK</p> <p>Flood Warnings 1 flood warnings and 1 flood alerts issued for England. 0 flood warnings and 2 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.</p>

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