

National Electricity Transmission System Status Report



national**grid**ESO

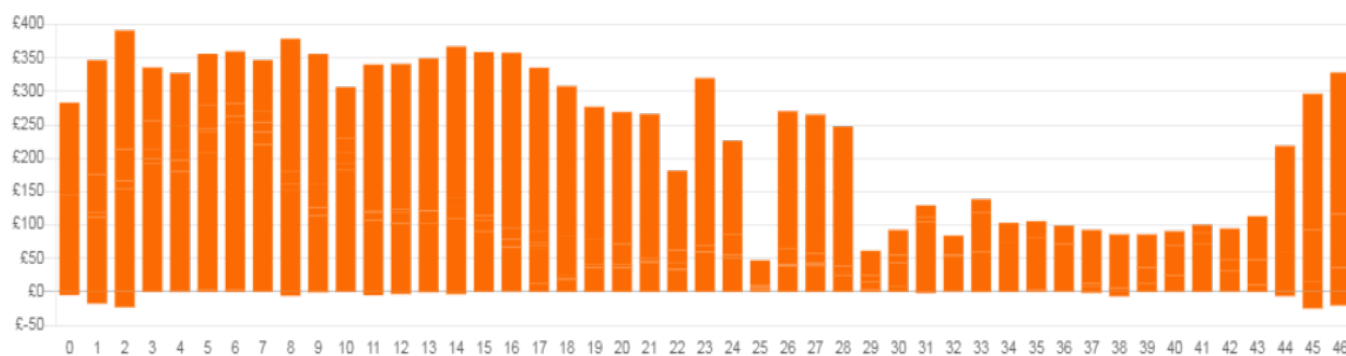
National Electricity Transmission System Status Report
Monday 31 July 2023

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	10587 (SP38)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	850 MW

Balancing Costs

Last 24 hours' BM spend Total: £11106k



Yesterday's Market Summary

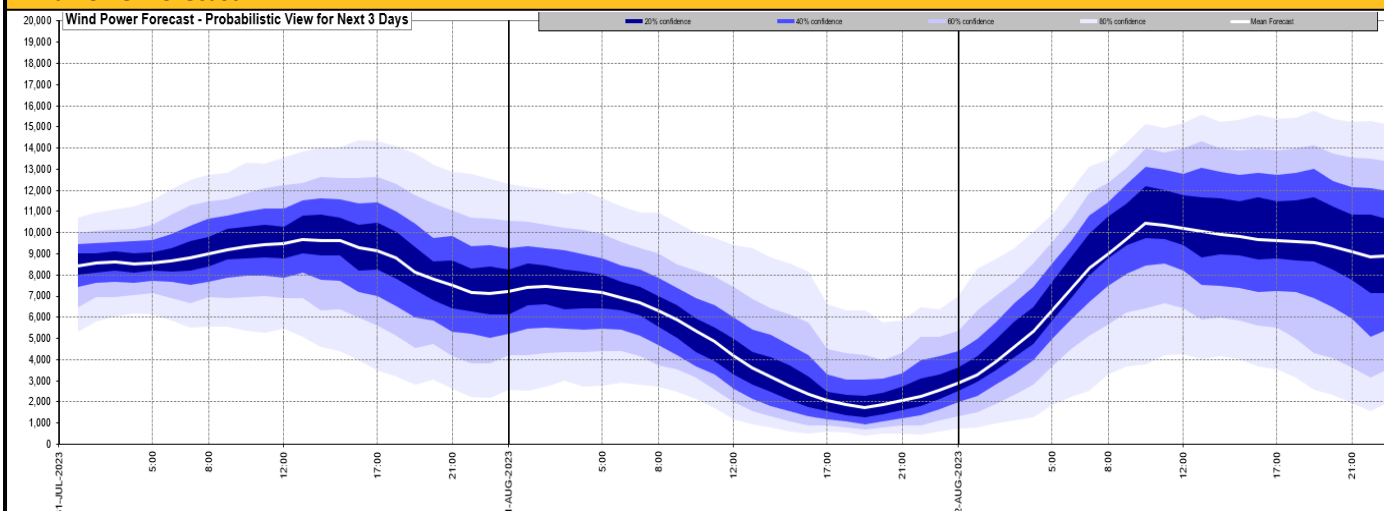
Cash Out Price (Max)	£128 (SP 43)
Cash Out Price (Min)	-£8.60 (SP 28)
Peak Demand Yesterday	25, 685 MW
Minimum Demand	16, 000 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1000	1000	Partly Available from 06:00 - BP2 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

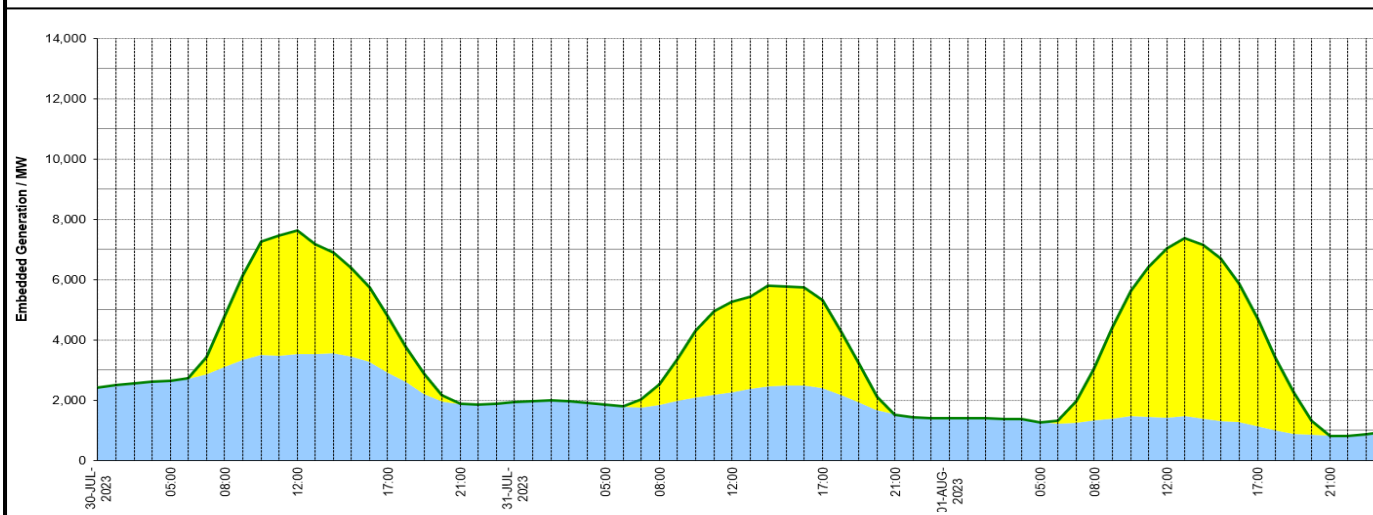
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-JUL-2023					31-JUL-2023					01-AUG-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	1633	4099	1900	9	0	0	704	2989	2912	0	0	0	1717	5623	3561	0
Wind (MW)	2655	3117	3516	2919	1867	1936	1852	1837	2273	2394	1526	1404	1274	1331	1421	1133	823
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2655	4750	7615	4819	1876	1936	1852	2541	5262	5306	1526	1404	1274	3048	7044	4694	823



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Outbreaks of rain and drizzle for many at first. Sunny spells and showers developing across southern parts of the UK into the afternoon with rain continuing in the north. Breezy and another cool day, though warmer in sheltered spots. Tonight: Rain will slowly clear from Scotland. Elsewhere after some late evening sunshine, showers developing and these may be heavy especially for parts of central and southern England and Wales.
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 warning and 0 flood alerts issued for Wales.

Weather	Source	Commentary

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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