

National Electricity Transmission System Status Report



national**grid**ESO

National Electricity Transmission System Status Report
Thursday 20 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	3658 (SP 48)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	1100 MW

Balancing Costs

Last 24 hours' BM spend Total: £514k



Yesterday's Market Summary

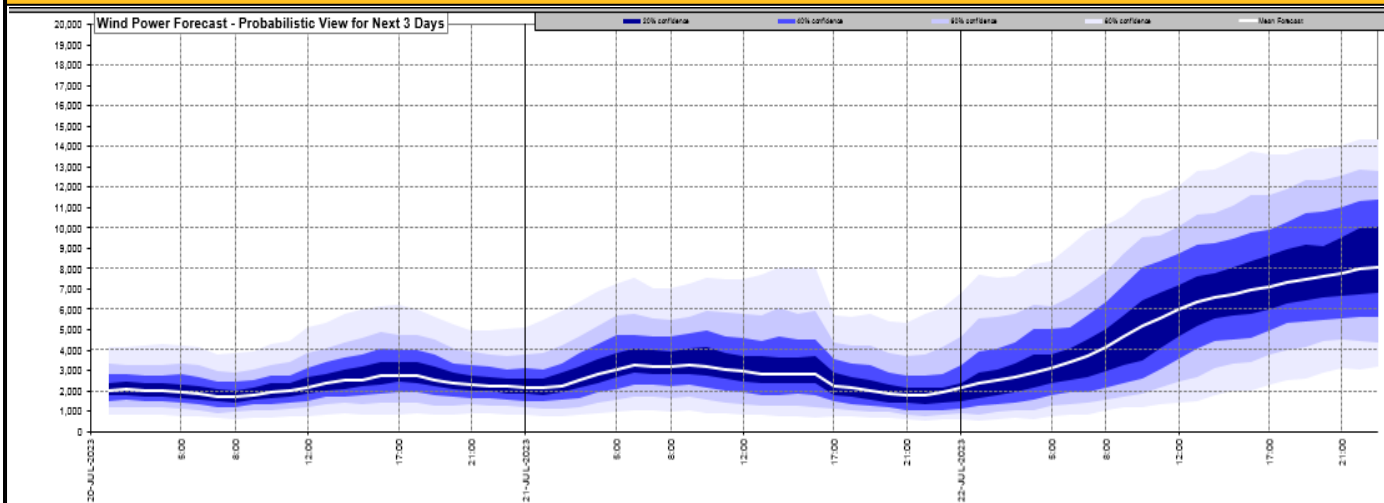
Cash Out Price (Max)	£137.00 (SP 2)
Cash Out Price (Min)	£50.00 (SP 15)
Peak Demand Yesterday	28,871 MW
Minimum Demand	18,191 MW

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

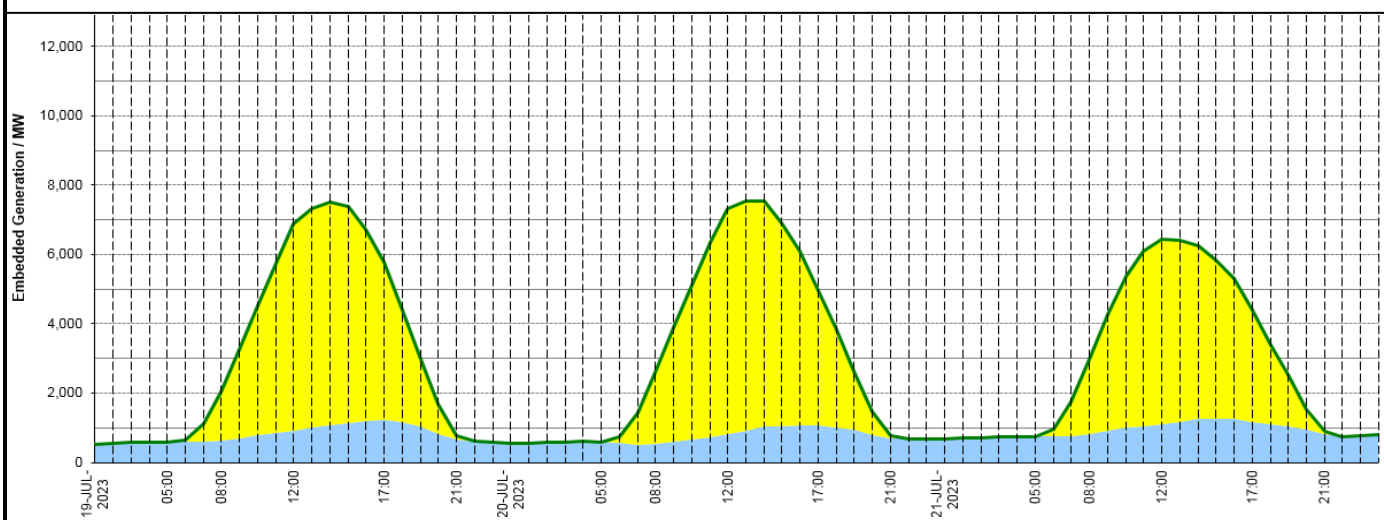
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-JUL-2023					20-JUL-2023					21-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	1397	5978	4580	98	0	0	2038	6494	3901	79	0	0	2147	5335	3231	64
Wind (MW)	595	626	903	1214	672	564	586	549	819	1063	691	690	756	824	1110	1153	835
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	595	2023	6881	5794	770	564	586	2587	7313	4964	770	690	756	2971	6445	4384	899



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early mist will clear to leave a bright start for many, but showers will develop through the day. Rather cool but feeling pleasant in sunny spells. Cloudier in northern Scotland. Tonight: Showers will ease during this evening, taking longest to clear from eastern parts. Thereafter, many will have a dry night with long clear spells allowing it to turn chilly. A few mist or fog patches will form by dawn..
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 in place for the UK Flood Warnings 0 flood warnings and 1 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.

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