

National Electricity Transmission System Status Report



national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 18 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	-782 (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £1556k



Yesterday's Market Summary

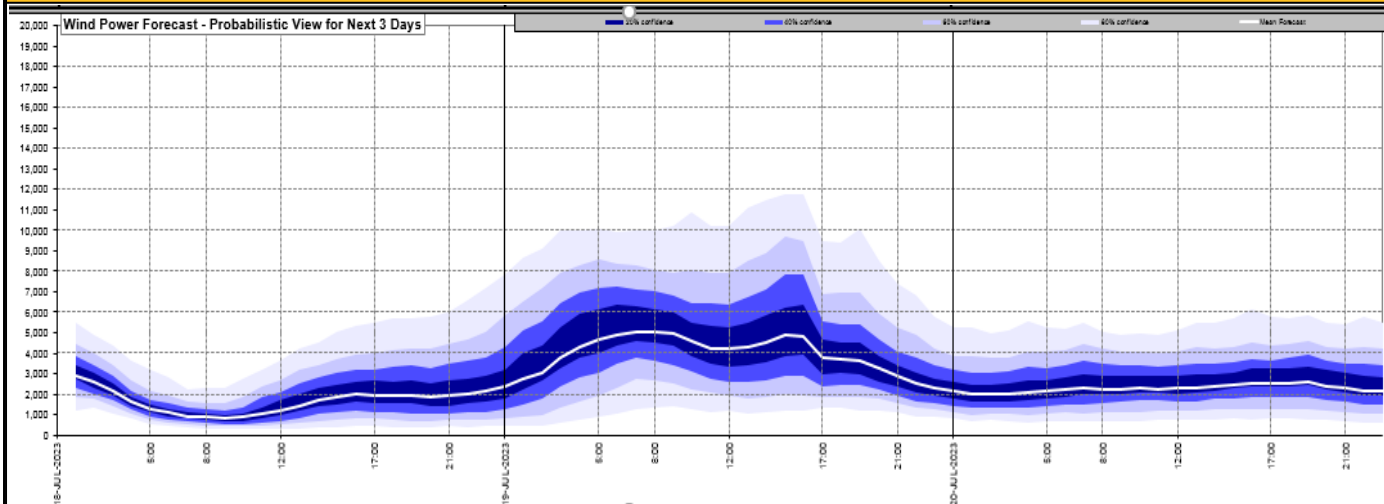
Cash Out Price (Max)	£130.00 (SP 42)
Cash Out Price (Min)	-£185.00 (SP 29-30)
Peak Demand Yesterday	29,507 MW
Minimum Demand	18,191 MW

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

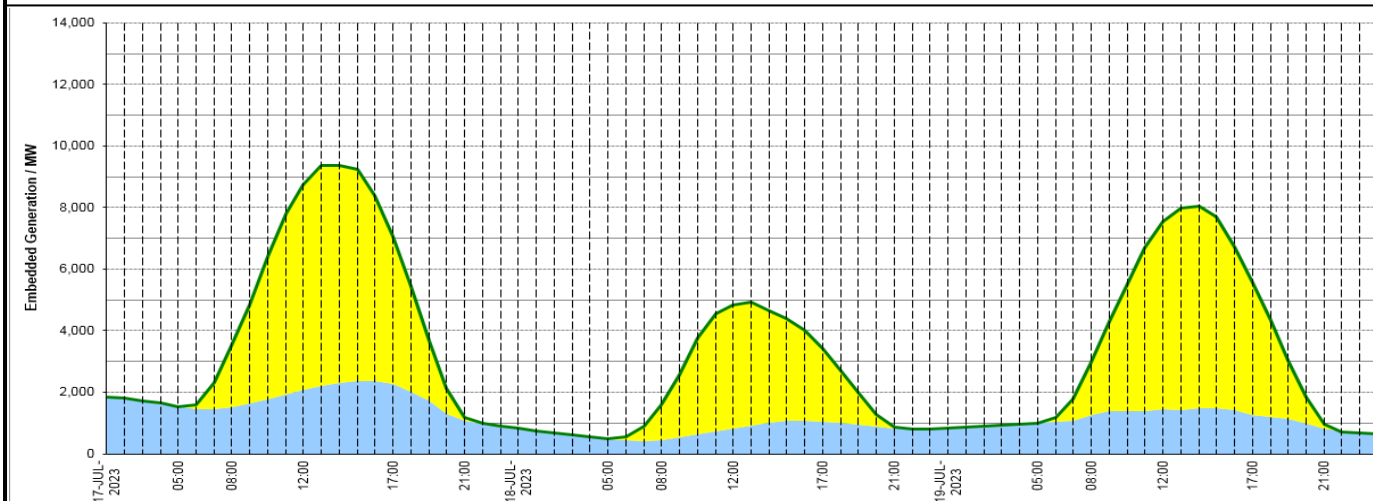
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUL-2023					18-JUL-2023					19-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
Solar (MW)	0	1991	6657	4801	117	0	0	1142	4037	2397	40	0	0	1699	6116
Wind (MW)	1532	1518	2082	2256	1058	825	482	458	811	1036	829	831	1004	1268	1438
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1532	3509	8739	7057	1175	825	482	1600	4848	3433	869	831	1004	2967	7554



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: An area of rain will spread northeastwards, this turning heavy in places. Remaining mostly dry and feeling warm in the southeast. Winds generally light though breezy in the west. 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.
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