

National Electricity Transmission System Status Report



nationalgridESO

National Electricity Transmission System Status Report
Tuesday 25 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	2561 (SP 43)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £3230k



Yesterday's Market Summary

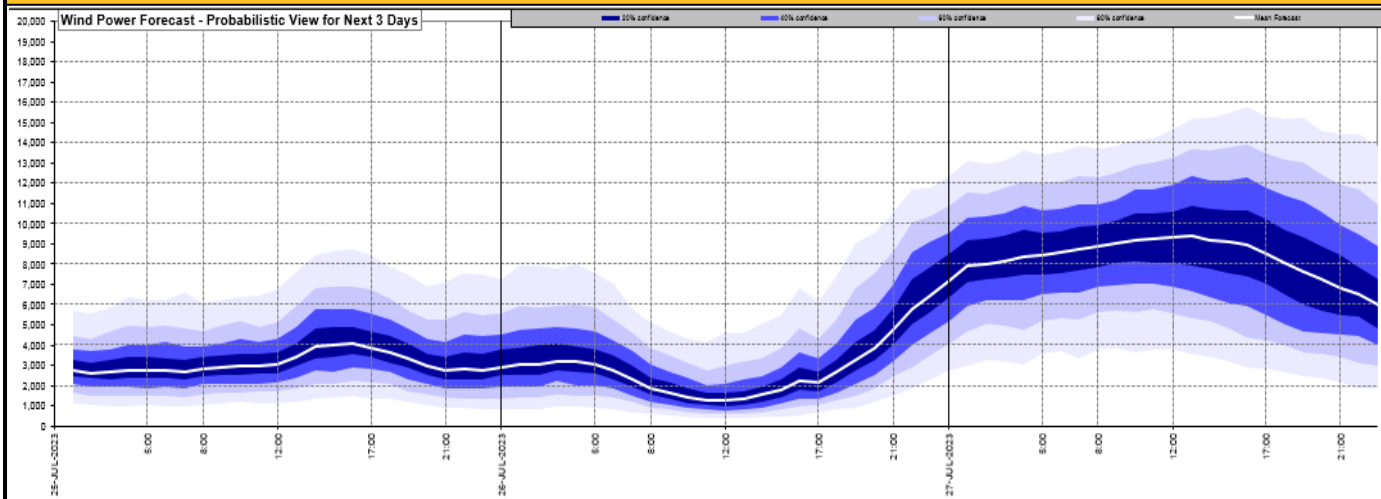
Cash Out Price (Max)	£141.86 (SP 32-33)
Cash Out Price (Min)	£30.01 (SP 2)
Peak Demand Yesterday	29,488 MW
Minimum Demand	16,775 MW

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

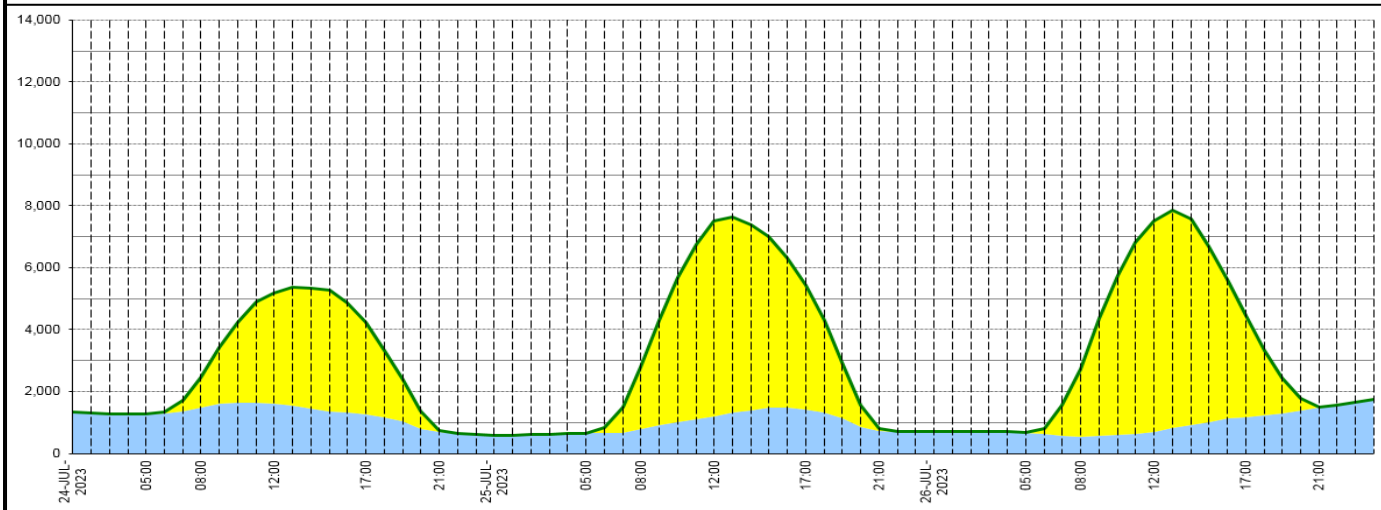
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	24-JUL-2023					25-JUL-2023					26-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	957	3586	2995	56	0	0	2012	6314	4029	66	0	0	2179	6831	3273	30
Wind (MW)	1261	1481	1608	1246	681	588	651	780	1206	1412	730	709	673	531	694	1174	1467
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1261	2438	5194	4241	737	588	651	2792	7520	5441	796	709	673	2710	7525	4447	1497



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A day of sunny spells and scattered showers across the country. Some of the showers will be heavy, especially across eastern parts of the UK. Feeling pleasant in any sunnier periods, with lighter winds than on Monday. Tonight: Showers will tend to ease through the evening and overnight, leaving most places dry with clear spells. However, a few showers may linger across the west.
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 4 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.

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