

National Electricity Transmission System Status Report



nationalgridESO

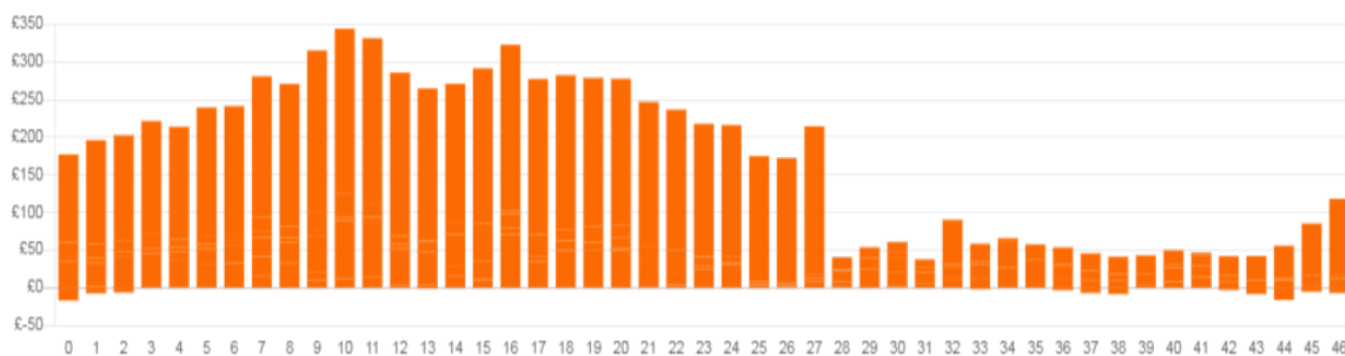
National Electricity Transmission System Status Report
Monday 24 July 2023

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	5824 (SP 19)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £8059k



Yesterday's Market Summary

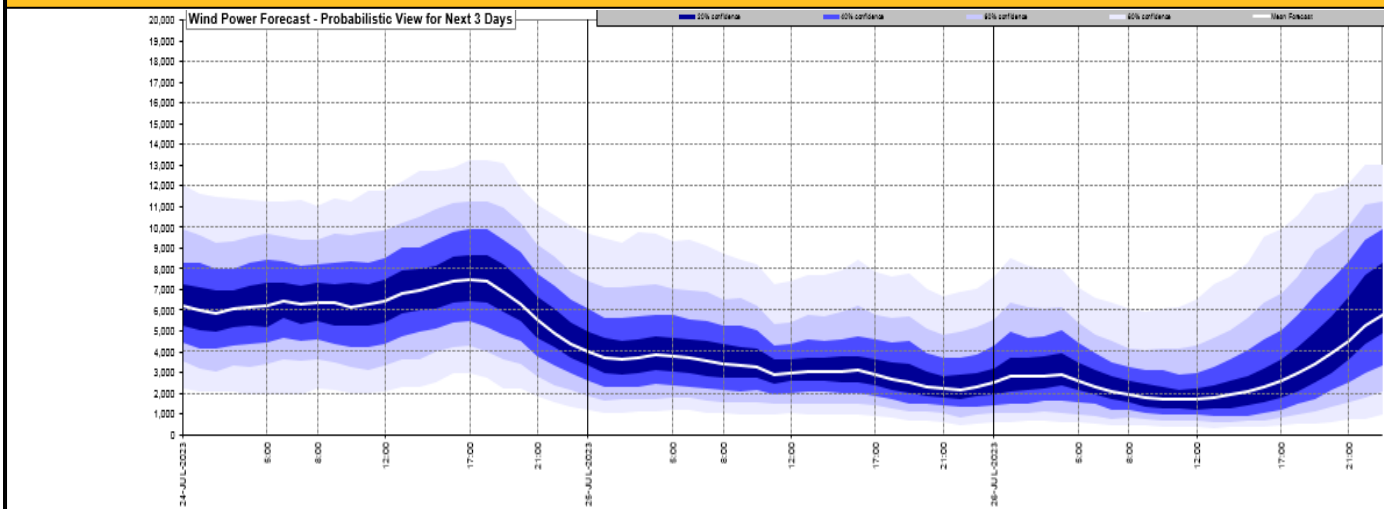
Cash Out Price (Max)	£128.75 (SP 36-37)
Cash Out Price (Min)	-£50.69 (SP 13)
Peak Demand Yesterday	25,662 MW
Minimum Demand	15,047 MW

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

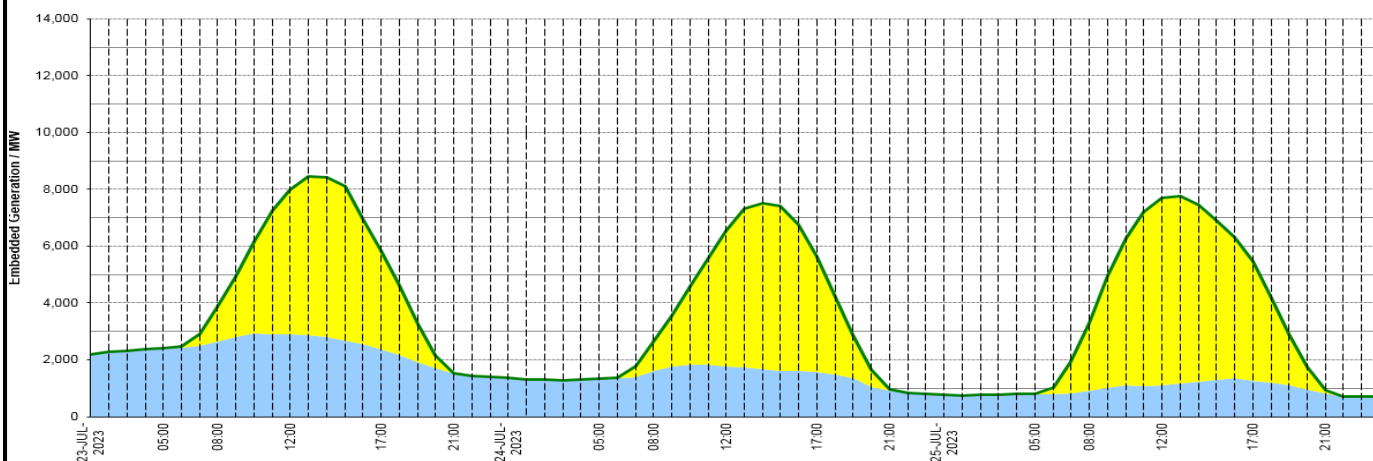


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 24-Jul-2023 01:53:48

	23-JUL-2023					24-JUL-2023					25-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	1209	5095	3495	32	0	0	1038	4756	4064	63	0	0	2369	6583
Wind (MW)	2412	2640	2890	2356	1498	1361	1327	1601	1775	1566	903	760	790	908	1111
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2412	3849	7985	5851	1530	1361	1327	2639	6531	5630	966	760	790	3277	7694



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>A band of rain gradually clearing southern England this morning, with cloud lingering there in the afternoon. Elsewhere, patchier cloud, sunny spells and showers, some sharp in the far north-west.</p> <p>Tonight:</p> <p>North-western Scotland will see sharp showers tonight, some making their way further east at times. A few light showers for eastern England at times. Elsewhere, clear spells and variable cloud.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources	<p>UK Weather Warnings</p> <p>No weather warnings are in force for the UK</p> <p>Flood Warnings</p> <p>8 flood warnings and 38 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p>

Weather	Source	Commentary
	Wales	0 flood warning and 1 flood alerts issued for Wales.

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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