

National Electricity Transmission System Status Report

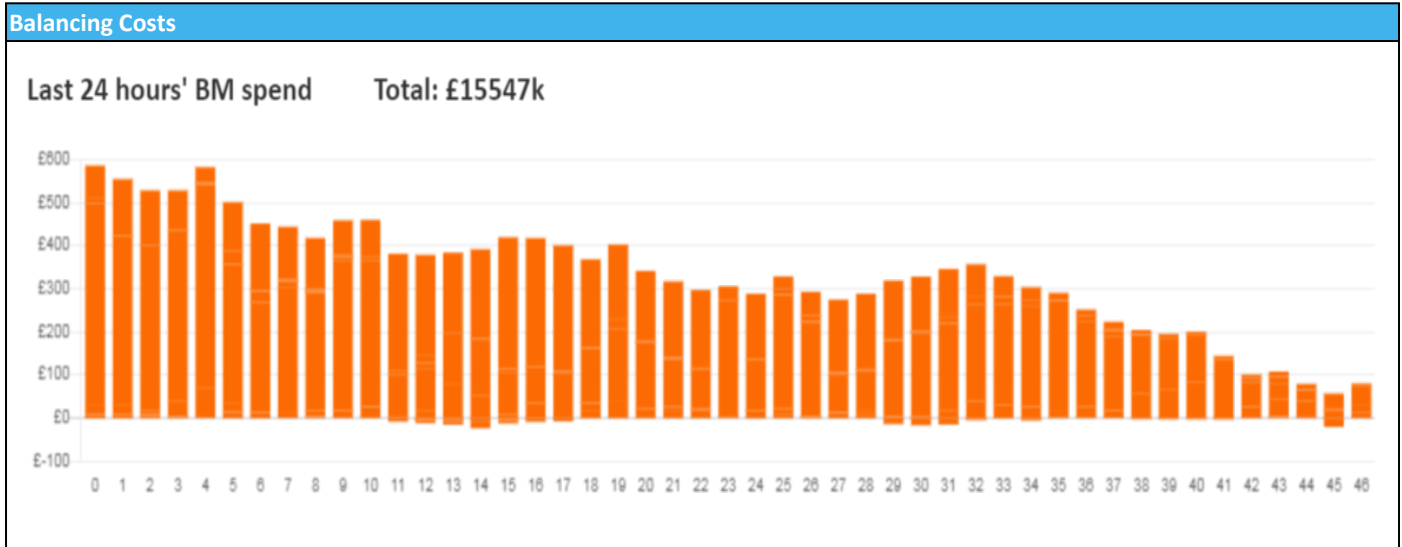


nationalgridESO

National Electricity Transmission System Status Report
Sunday 20 August 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			

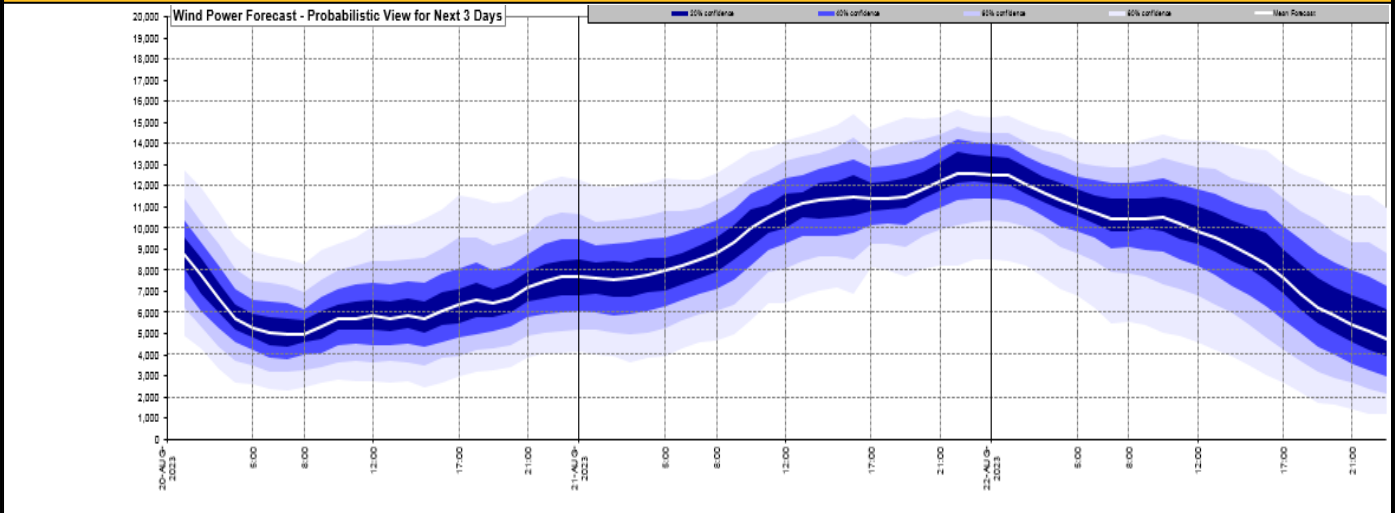
Today's Minimum De-Rated Margin	14002 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 125.00 (SP 43)
Cash Out Price (Min)	−£78.25 (SP 15,16)
Peak Demand Yesterday	27,154 MW
Minimum Demand	15,421 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

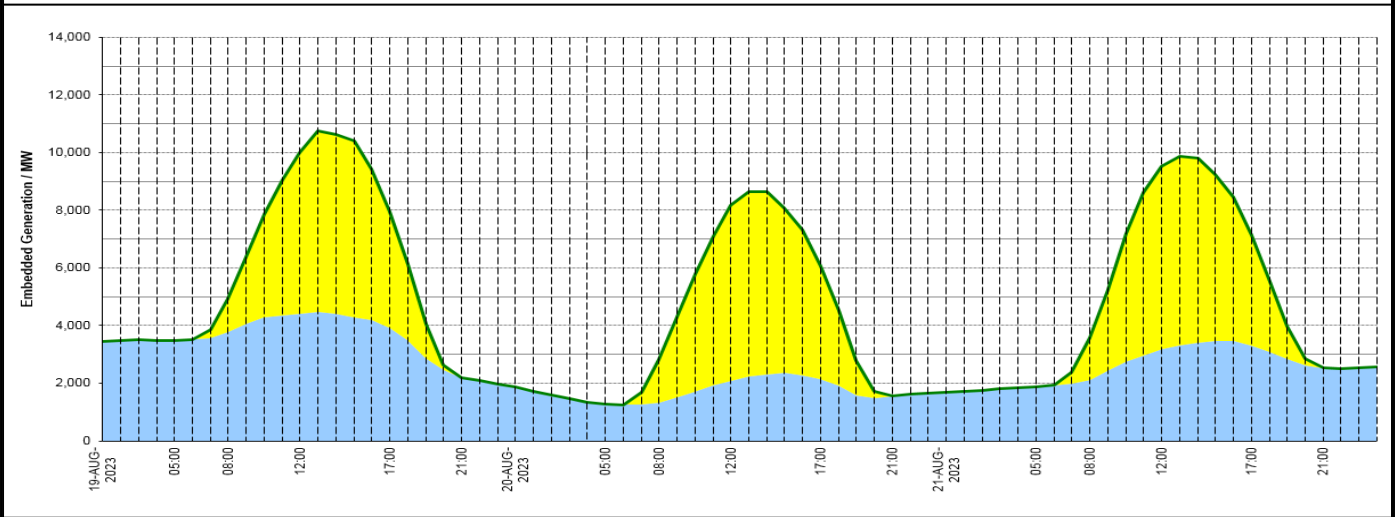
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 20-Aug-2023 04:33:11	
File	19-AUG-2023					20-AUG-2023					21-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	1164	5581	4044	0	0	0	1488	6115	3919	0	0	0	1451	6335	3851	0
Wind (MW)	3486	3780	4421	3891	2187	1884	1281	1331	2071	2135	1546	1689	1885	2114	3179	3293	2525
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3486	4944	10002	7935	2187	1884	1281	2819	8186	6054	1546	1689	1885	3565	9514	7144	2525



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Dry for many today with spells of sunshine. A few showers may develop across some central and western areas, with Scotland and Northern Ireland seeing heavier showers later. Feeling warm in the south and east of the UK.</p> <p>Tonight: A windy night in western Scotland with showers here. Clear spells elsewhere, but some low cloud forming in the south and west, with patchy fog across the southeast of England.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings No weather warnings are in force for the UK</p> <p>Flood Warnings 0 flood warnings and 0 flood alert issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 0 flood alerts issued for Wales.</p>

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