

National Electricity Transmission System Status Report

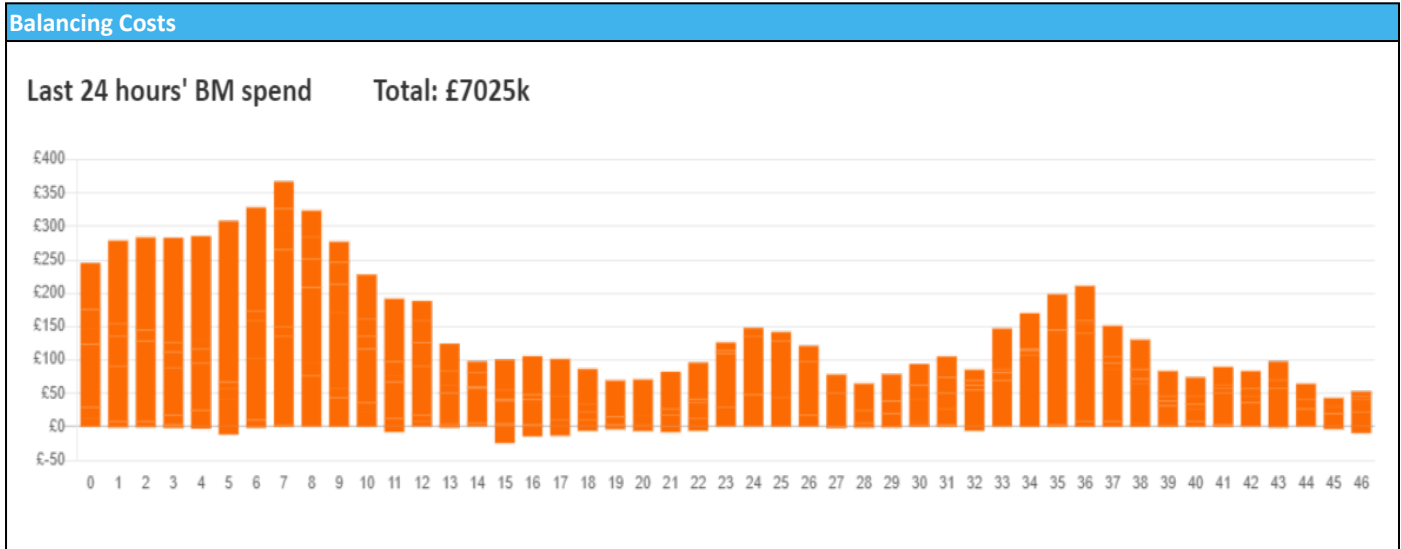


nationalgridESO

National Electricity Transmission System Status Report
Monday 02 October 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			

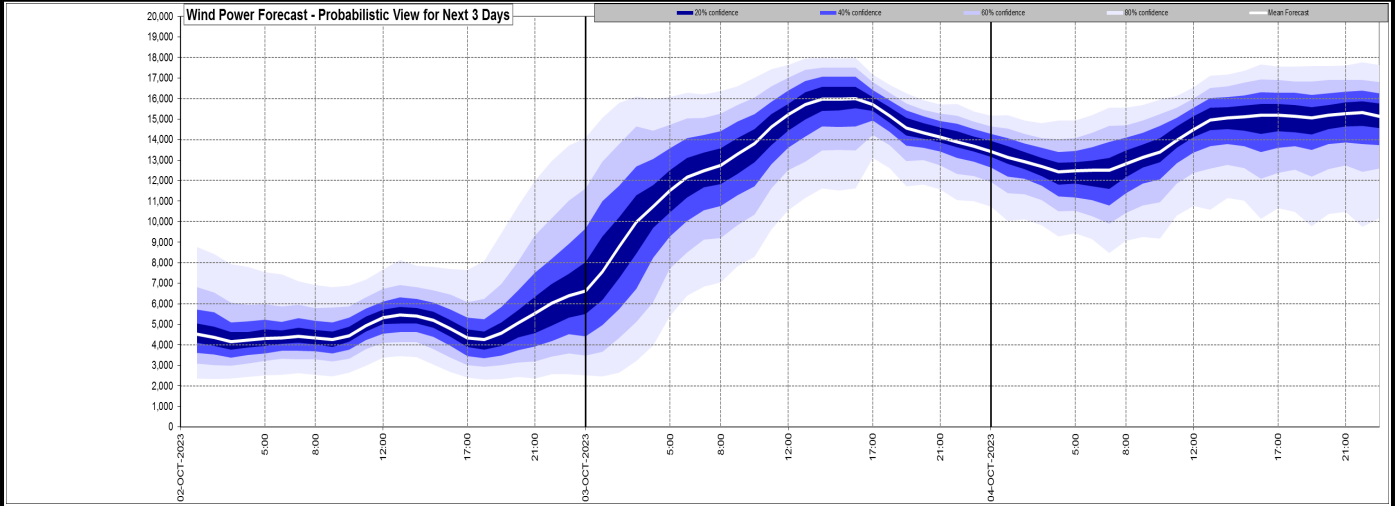
Today's Minimum De-Rated Margin	5528 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£130 (SP 36)
Cash Out Price (Min)	-£54.95 (SP 7)
Peak Demand Yesterday	31,828 MW
Minimum Demand	18,070 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

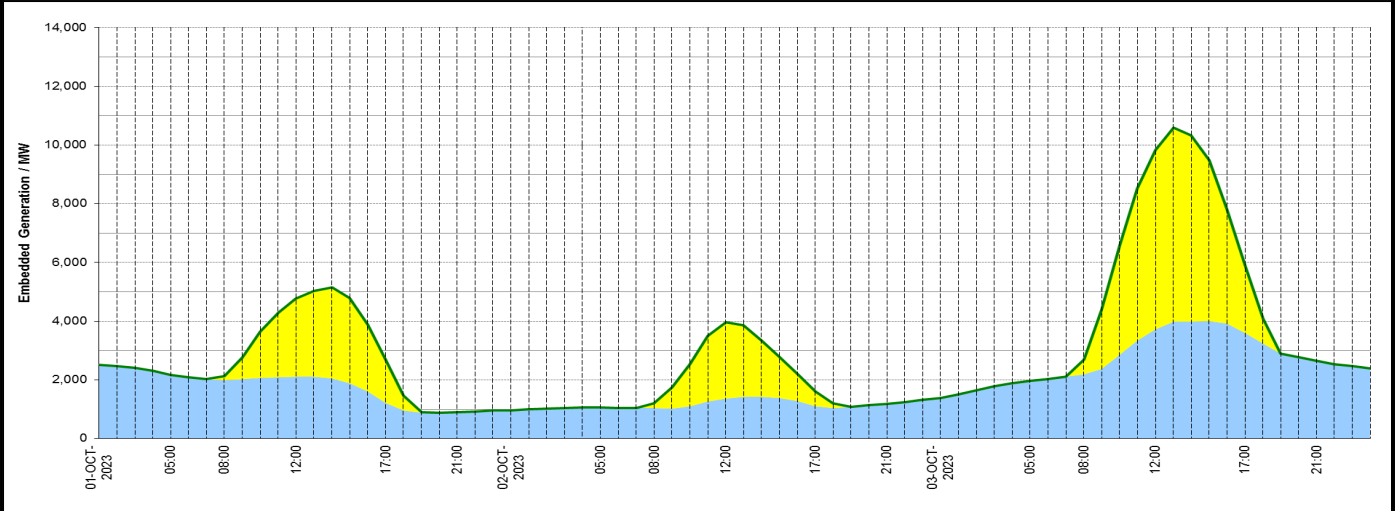
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	01-OCT-2023					02-OCT-2023					03-OCT-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	147	2663	1487	0	0	0	169	2582	492	0	0	0	507	6114	2316	0
Wind (MW)	2177	1991	2104	1234	902	972	1060	1035	1374	1113	1184	1386	1977	2187	3716	3603	2648
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2177	2138	4767	2721	902	972	1060	1204	3956	1605	1184	1386	1977	2694	9830	5919	2648



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A largely dry start but outbreaks of rain will become increasingly widespread across much of England and Wales, turning heavy and perhaps thundery later. Scotland, Northern Ireland and the far north of England seeing sunny spells, but also some showers.</p> <p>Tonight: Rain, heavy and possibly thundery at times, across much of England and Wales clearing eastwards. Elsewhere, clear spells and showers, especially in northwest Scotland where it will be windy.</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 None</p> <p>Flood Warnings 9 flood warnings and 36 flood alerts issued for England. 0 flood warnings and 4 flood alerts issued for Scotland. 0 flood warnings and 10 flood alerts issued for Wales</p>

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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