

National Electricity Transmission System Status Report

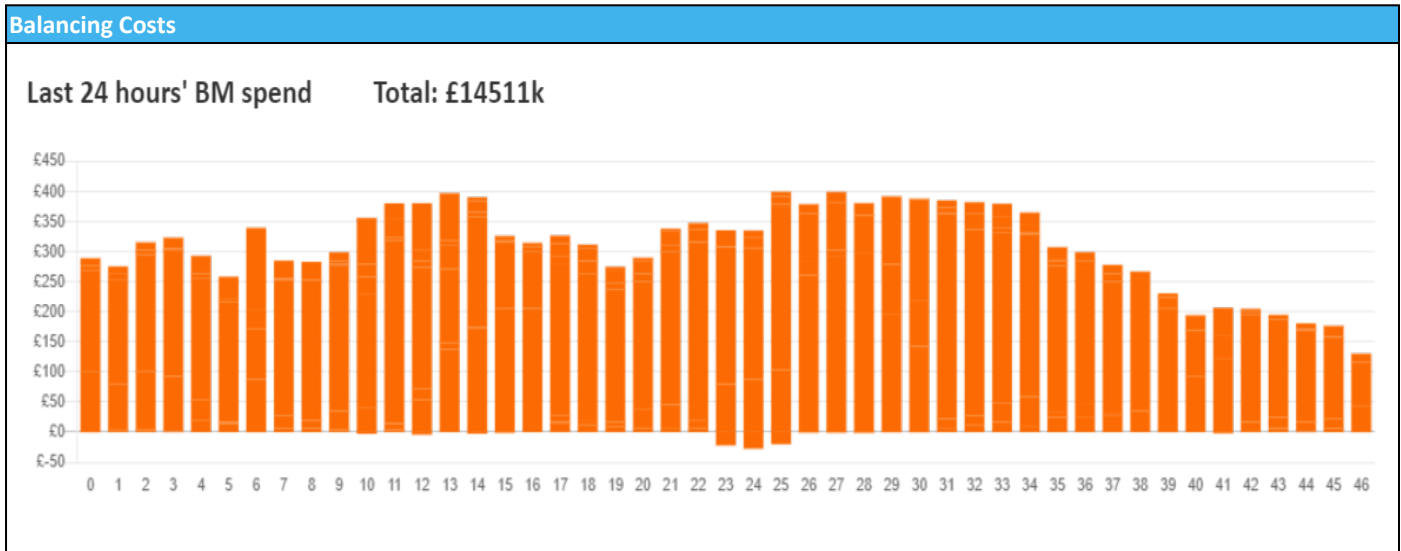


nationalgridESO

National Electricity Transmission System Status Report
Saturday 30 September 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			

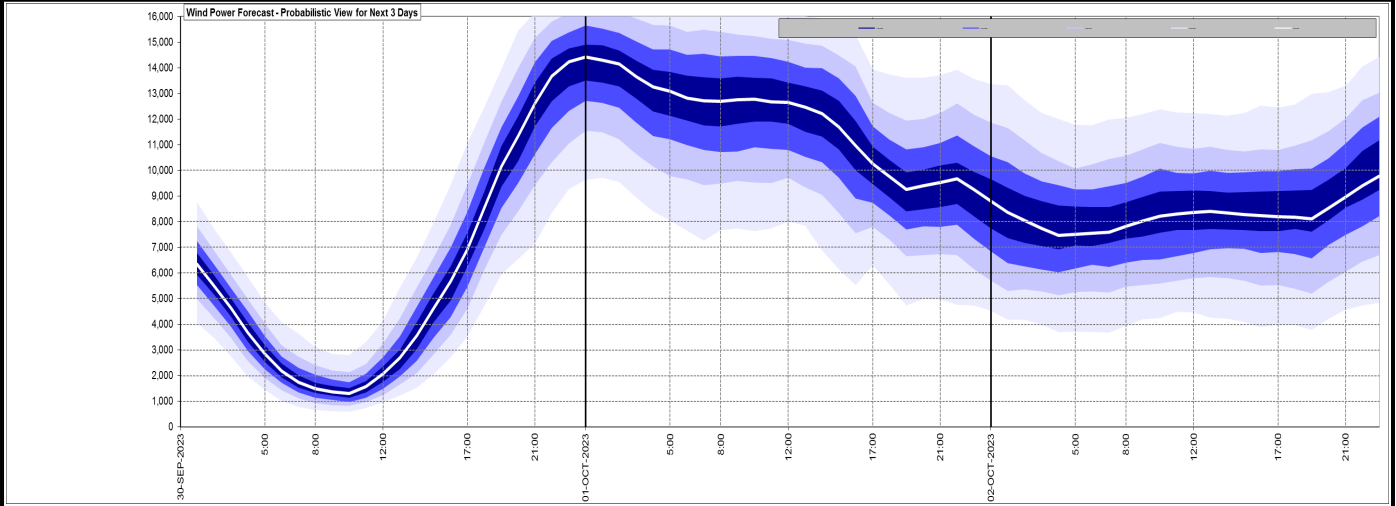
Today's Minimum De-Rated Margin	9759 (SP 21)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£129 (SP 1)
Cash Out Price (Min)	-£54.95 (SP 30)
Peak Demand Yesterday	32,170 MW
Minimum Demand	18,100 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

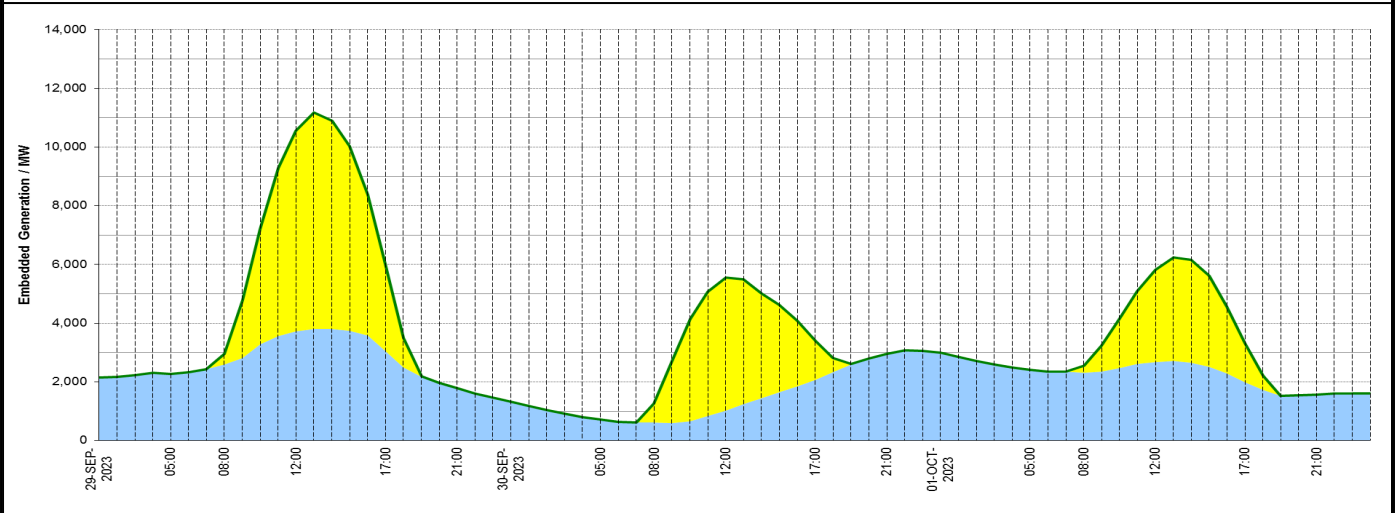
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-SEP-2023					30-SEP-2023					01-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	373	6843	2955	0	0	0	637	4531	1329	0	0	0	239	3135	1340	0
Wind (MW)	2277	2593	3715	3060	1782	1320	715	625	1029	2064	2958	2989	2415	2322	2683	1987	1574
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2277	2966	10558	6015	1782	1320	715	1262	5560	3393	2958	2989	2415	2561	5818	3327	1574



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Heavy rain developing across Northern Ireland this morning, spreading to northwest Wales, northern England and much of Scotland this afternoon. Largely fine in northeast Scotland and bright and warm in southern Britain. Windy in the west with coastal gales possible. Tonight: Rain clearing Scotland but lingering across northern England and Wales, heavy at times. Showers following to northwestern areas. Staying dry in the south and east. Milder than last night. Breezy.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings None Flood Warnings 11 flood warnings and 52 flood alerts issued for England. 0 flood warnings and 3 flood alerts issued for Scotland. 0 flood warnings and 6 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