

National Electricity Transmission System Status Report

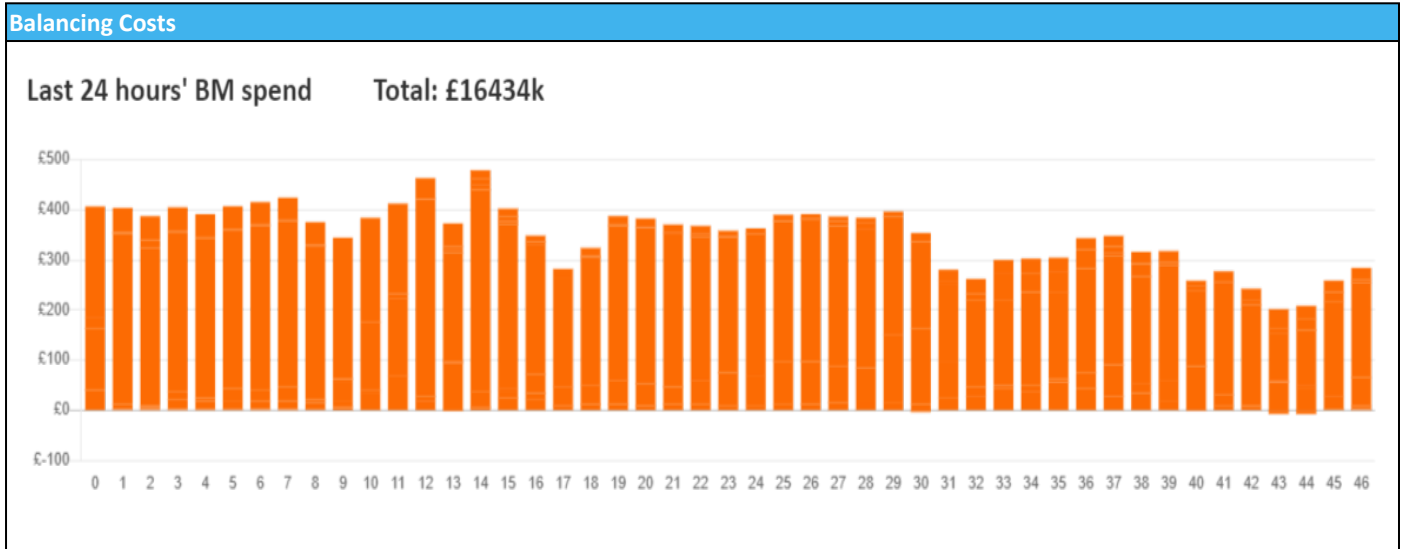


nationalgridESO

National Electricity Transmission System Status Report
Friday 29 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			

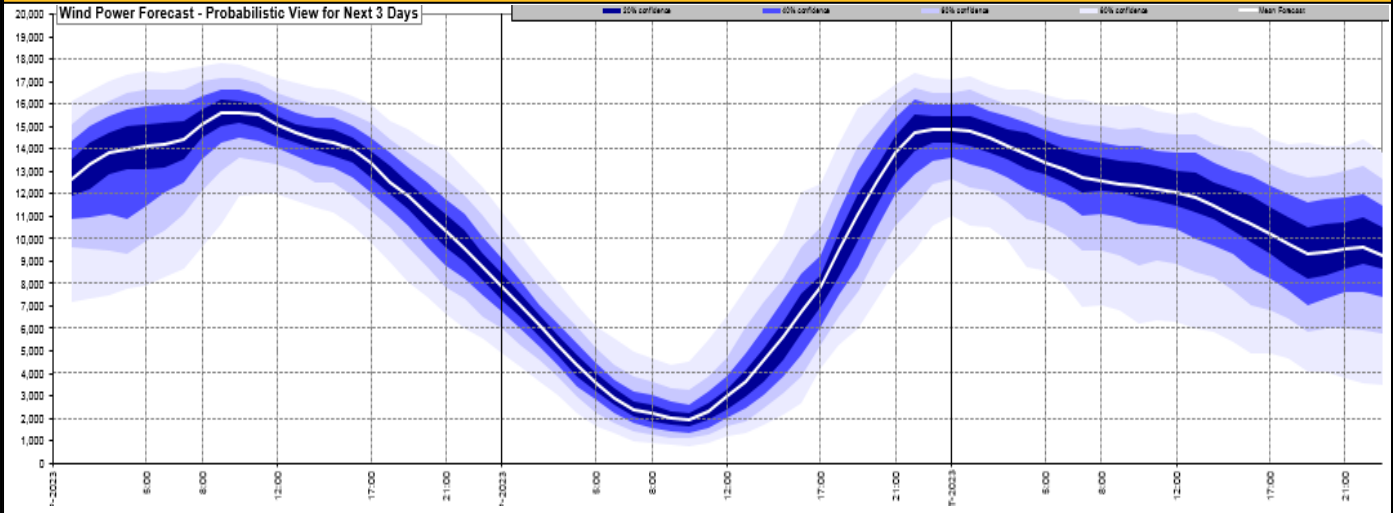
Today's Minimum De-Rated Margin	12530(SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW



Yesterday's Market Summary	
Cash Out Price (Max)	£145 (SP 34)
Cash Out Price (Min)	-£56.88 (SP 11)
Peak Demand Yesterday	34, 882MW
Minimum Demand	17, 800 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

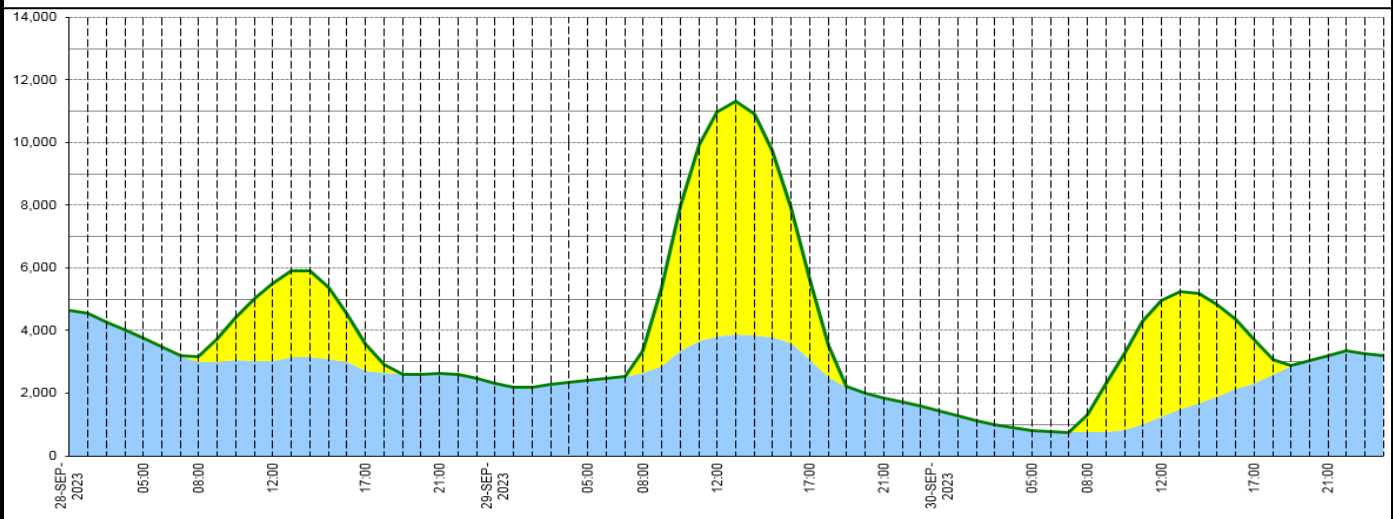
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-SEP-2023					29-SEP-2023					30-SEP-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	151	2480	864	0	0	0	702	7165	2550	0	0	0	541	3693	1401	0
Wind (MW)	3759	3008	3015	2719	2623	2321	2411	2653	3799	3084	1845	1434	819	758	1259	2311	3198
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3759	3159	5495	3583	2623	2321	2411	3355	10964	5634	1845	1434	819	1299	4952	3712	3198



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early morning rain soon clearing southeast. A bright and breezy day, with plenty of sunny spells for most. A scattering of showers in the north and west, these most frequent across Scotland, where it will also be windy. Tonight: Remaining windy and showers across the north of Scotland. Otherwise mostly dry with clear spells. Chillier than recent nights with the odd mist or fog patch forming by dawn.
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 2 flood warnings and 17 flood alerts issued for England. 3 flood warnings and 4 flood alerts issued for Scotland. 0 flood warnings and 12 flood alerts issued for Wales.

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