

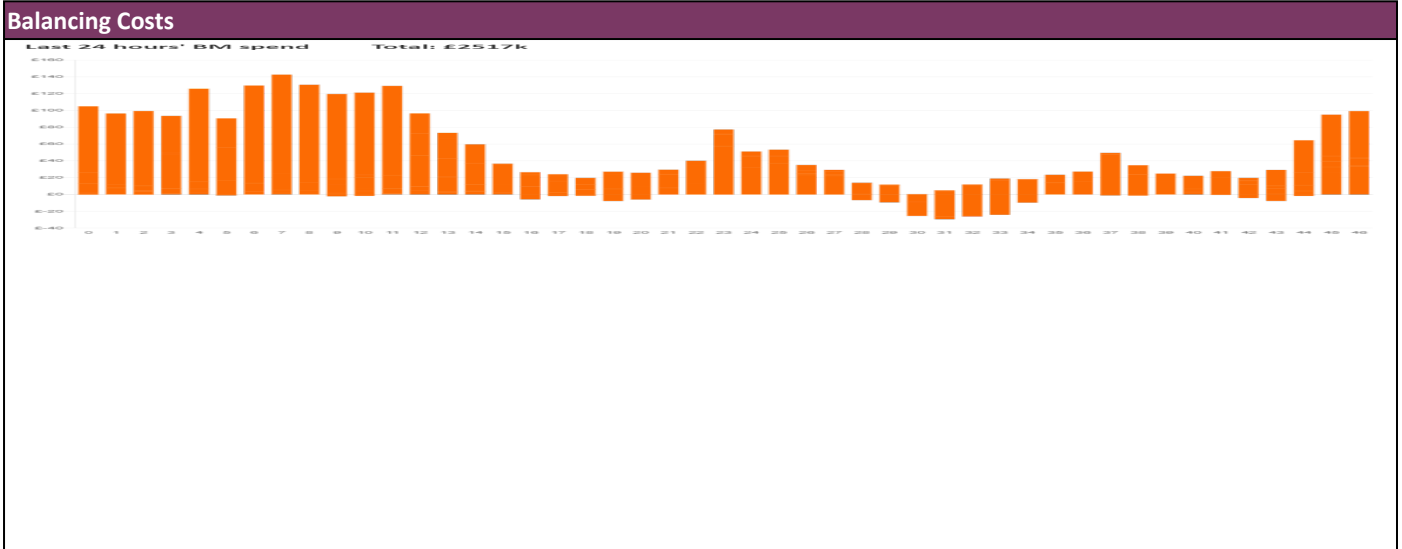
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Tuesday 01 October 2024

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			

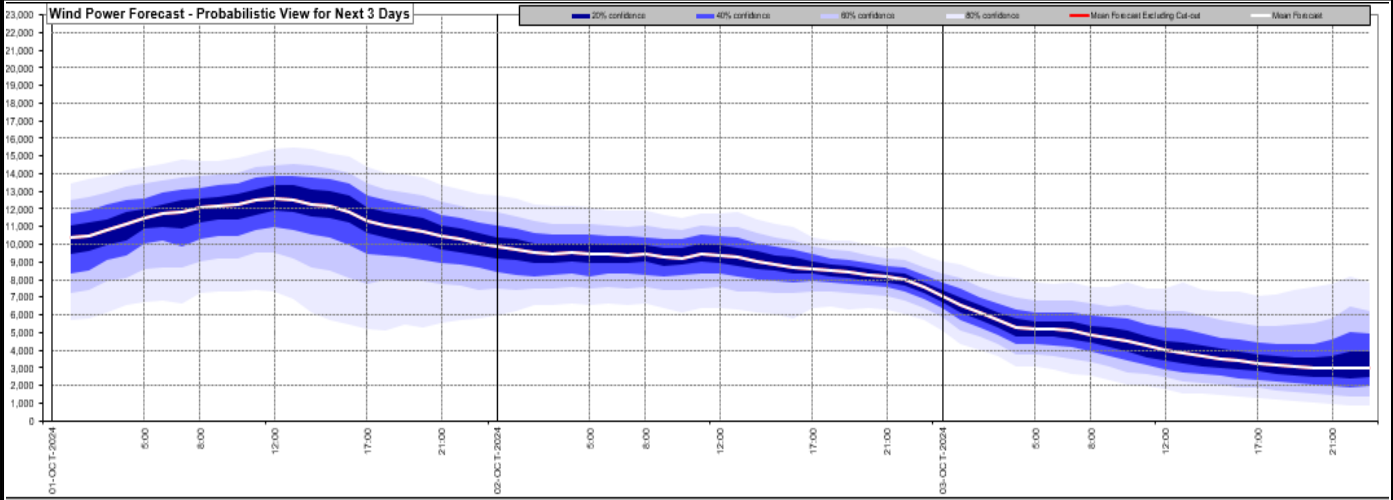
Today's Minimum De-Rated Margin	9,654 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£121 /MWh (SP 39,40,43)
Cash Out Price (Min)	-£10 /MWh (SP 9)
Peak Demand Yesterday	35,192 MW
Minimum Demand	18,404 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially Available - planned outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Unplanned Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	0	0	Unplanned Outage
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

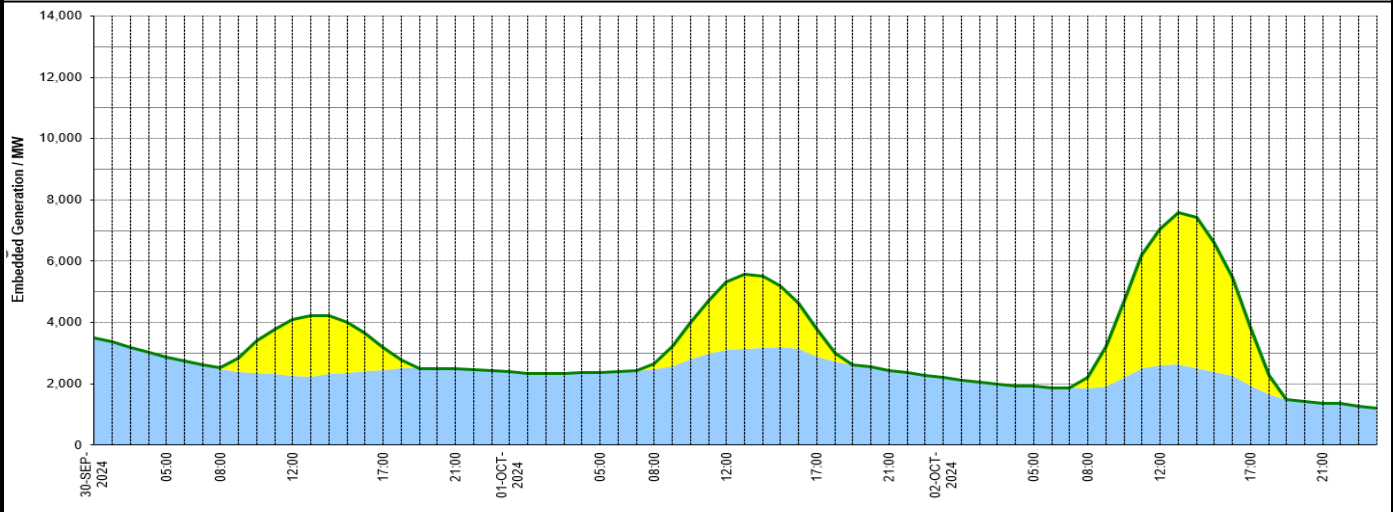
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 01-Oct-2024 04:33:18				
	30-SEP-2024					01-OCT-2024					02-OCT-2024						
	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	49	1831	723	0	0	0	157	2231	880	0	0	0	344	4450	1875	0
Wind (MW)	2868	2473	2259	2462	2480	2404	2370	2491	3107	2899	2446	2203	1917	1858	2613	1948	1379
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2868	2522	4090	3185	2480	2404	2370	2648	5338	3779	2446	2203	1917	2202	7063	3823	1379



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Remaining cloudy and windy across eastern England. Staying wet here and turning heavy again through the morning before easing into the later afternoon. Largely dry elsewhere with some bright spells developing. Temperatures near normal but rather cold in the east.</p> <p>Tonight: Low cloudy and patchy rain and drizzle across central and eastern England, slowly clearing southeastwards. Clear spells across Scotland and Northern Ireland with isolated frost.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources	<p>UK Weather Warnings Yellow warning of rain Areas affected: East Midlands East of England London & South East England</p> <p>Starts: 06:00 BST on Tue 1 October</p>

Weather	Source	Commentary
	Wales	Ends: 16:00 BST on Tue 1 October Further rain, locally heavy, will develop for a time on Tuesday leading to potential for some impacts and disruption
		Flood Warnings 63 flood warnings and 157 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 5 flood alerts issued for Wales.

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs