

**National Electricity
Transmission System Status Report**

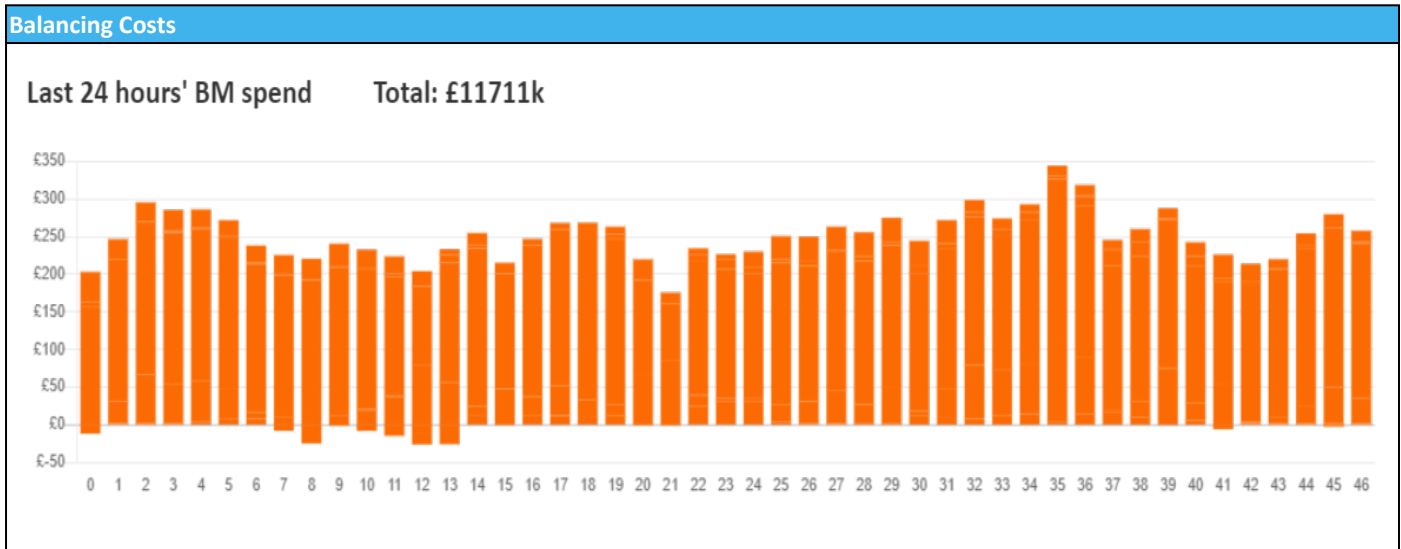


nationalgridESO

National Electricity Transmission System Status Report
Saturday 28 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			

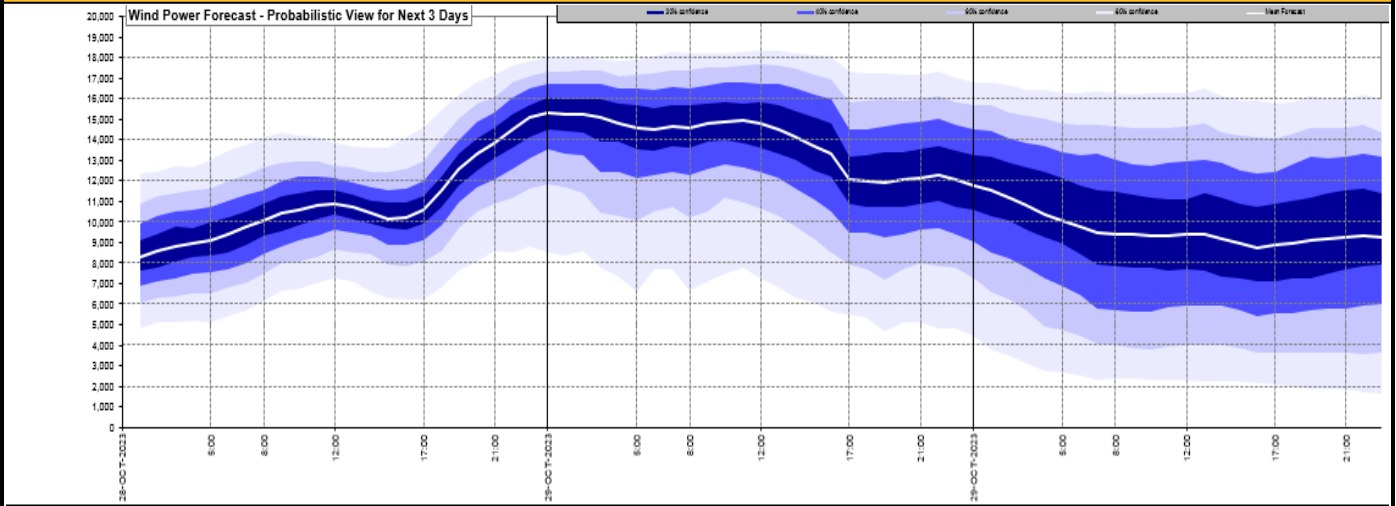
Today's Minimum De-Rated Margin	14553.397 (SP 37)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£148.9 (SP 37, 41)
Cash Out Price (Min)	£-5 (SP 7)
Peak Demand Yesterday	35,544 MW
Minimum Demand	20,002 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available from 14:00 hours
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

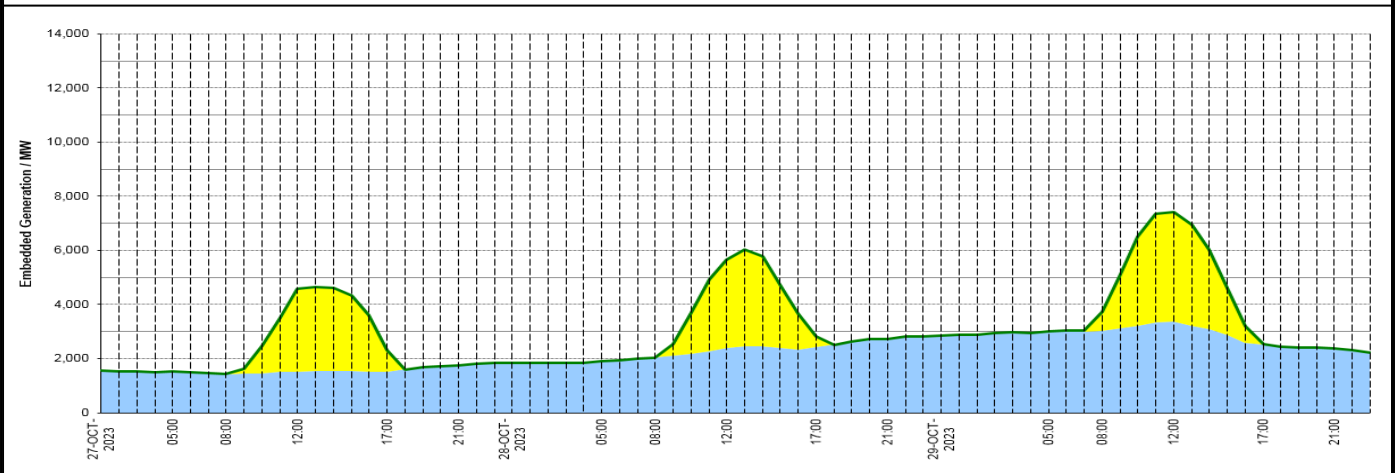
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 28-Oct-2023 04:32:57			
	27-OCT-2023					28-OCT-2023					29-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	0	3058	784	0	0	0	0	3266	406	0	0	0	722	4022	18	0
Wind (MW)	1517	1425	1519	1518	1736	1843	1909	2047	2393	2413	2737	2838	3001	3019	3381	2511	2379
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1517	1425	4577	2302	1736	1843	1909	2047	5659	2819	2737	2838	3001	3741	7403	2529	2379



Latest forecast at S:\OandTI\OptRisk\Energy_Requirements\09 - Demand forecasting (Forecasting team)\10 - Daily Files\EmbeddedUpdate\Latest
Contact: .box.demand.forecast@nationalgrid.com

Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Frequent showers in the west and south, perhaps thundery at times, then more persistent rain from the south later. Grey for eastern Scotland with outbreaks of patchy rain. Drier with sunny spells for eastern England after morning fog clears.</p> <p>Tonight: Remaining cloudy with further rain across eastern Scotland, although less heavy for a time. Heavy rain and strong winds moves northwards overnight. Clearer spells and scattered showers elsewhere.</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 Yellow warning of rain Areas affected: Northern Ireland</p> <p>Yellow warning of rain Areas affected: East of England London & South East England South West England</p>
		<p>Flood Warnings 27 flood warnings and 92 flood alerts issued for England.</p>

Weather	Source	Commentary
		7 flood warnings and 5 flood alerts issued for Scotland. 1 flood warning 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/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs