

National Electricity Transmission System Status Report

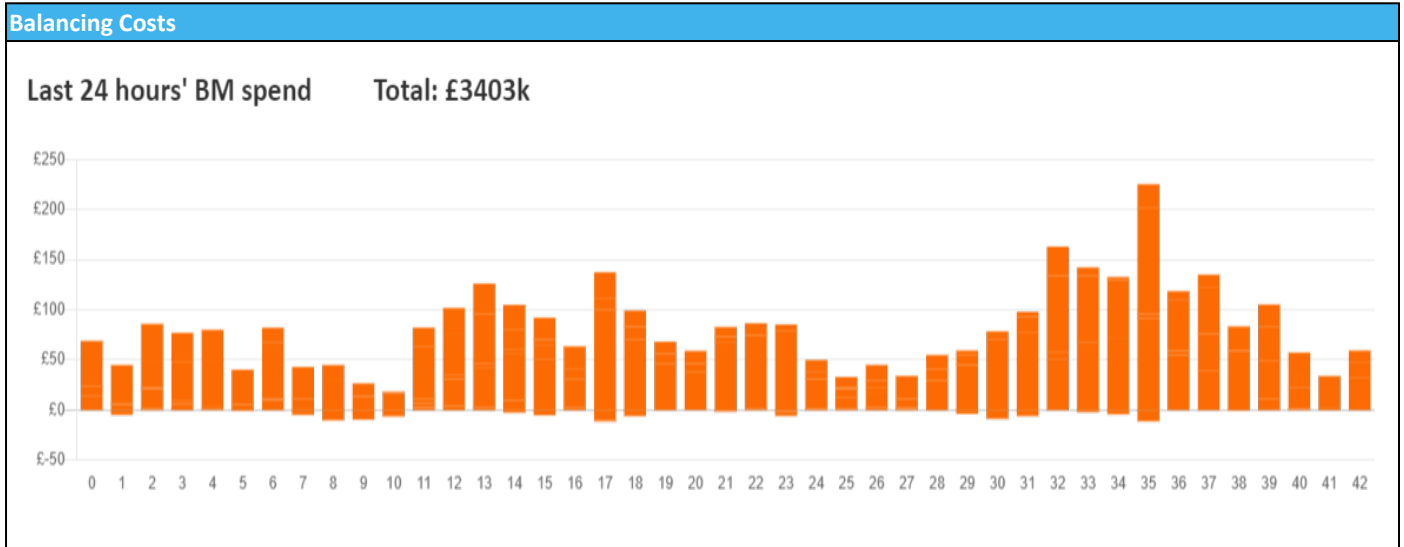


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 17 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	6352.54 (SP 18)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1000 MW



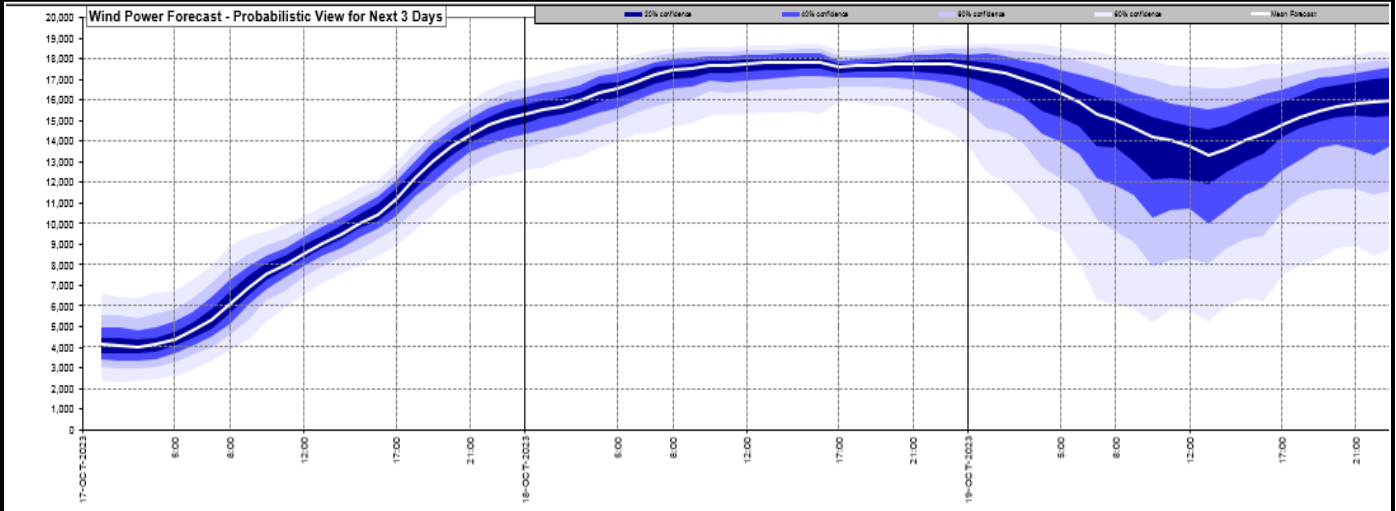
Yesterday's Market Summary

Cash Out Price (Max)	£310 (SP39)
Cash Out Price (Min)	£0 (SP 40)
Peak Demand Yesterday	37,679 MW
Minimum Demand	19,780 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	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)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

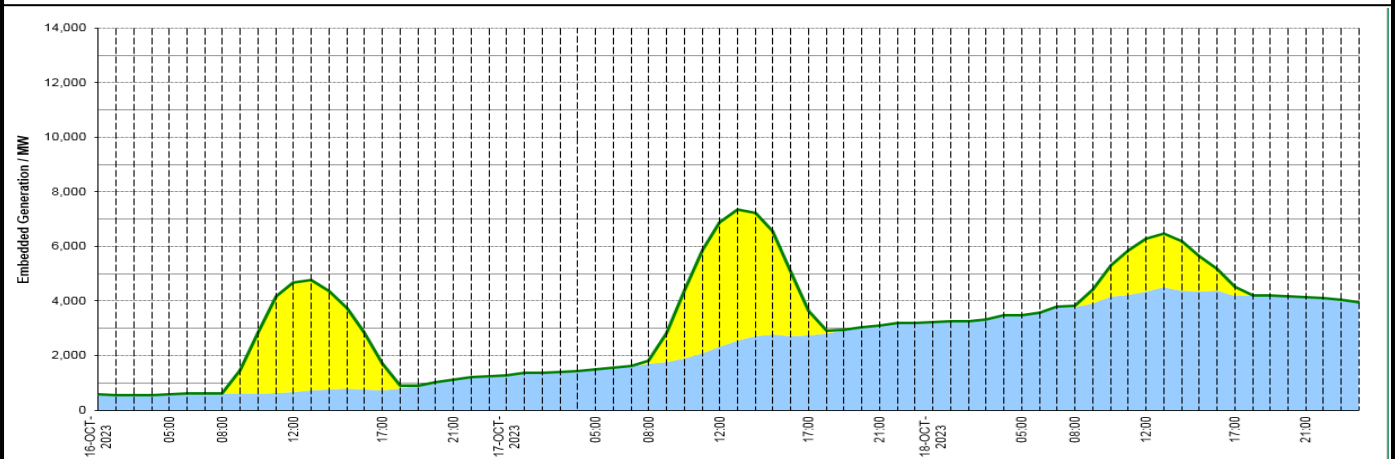
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 17-Oct-2023 04:32:28	
	16-OCT-2023					17-OCT-2023					18-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	16	4016	965	0	0	0	125	4573	919	0	0	0	50	1912	313	0
Wind (MW)	594	586	672	737	1122	1281	1495	1701	2319	2725	3105	3236	3479	3791	4356	4203	4149
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	594	602	4688	1702	1122	1281	1495	1826	6892	3644	3105	3236	3479	3841	6268	4516	4149



Latest forecast at S:\OandT\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: There will be plenty of sunny spells, although the sunshine will often be hazy due to high cloud. Cloud increasing from the southwest, with outbreaks of rain arriving later. Winds increasing with gales developing across western hills and coasts.</p> <p>Tonight: Northern and eastern areas remaining dry with clear spells. Cloudy elsewhere with outbreaks of rain moving northwards. Windy in the south and west with gales near coast and hills.</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 No Warnings.</p> <p>Flood Warnings 0 flood warnings and 11 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 1 flood alert 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