

National Electricity Transmission System Status Report

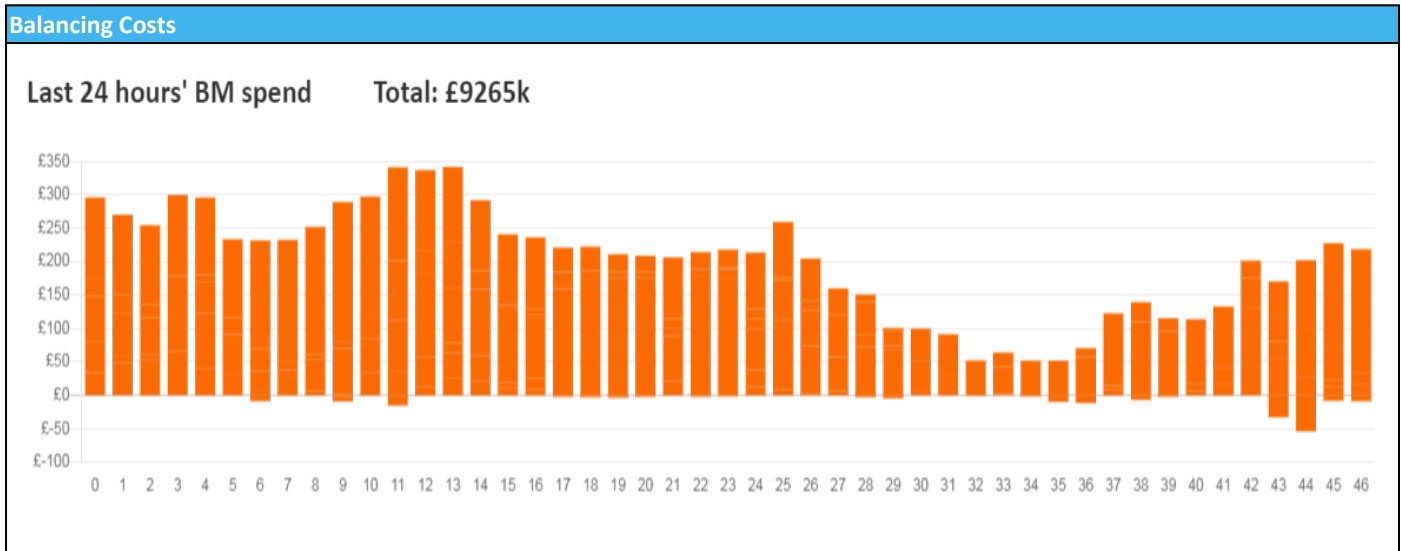


nationalgridESO

National Electricity Transmission System Status Report
Saturday 07 January 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	17,545 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW



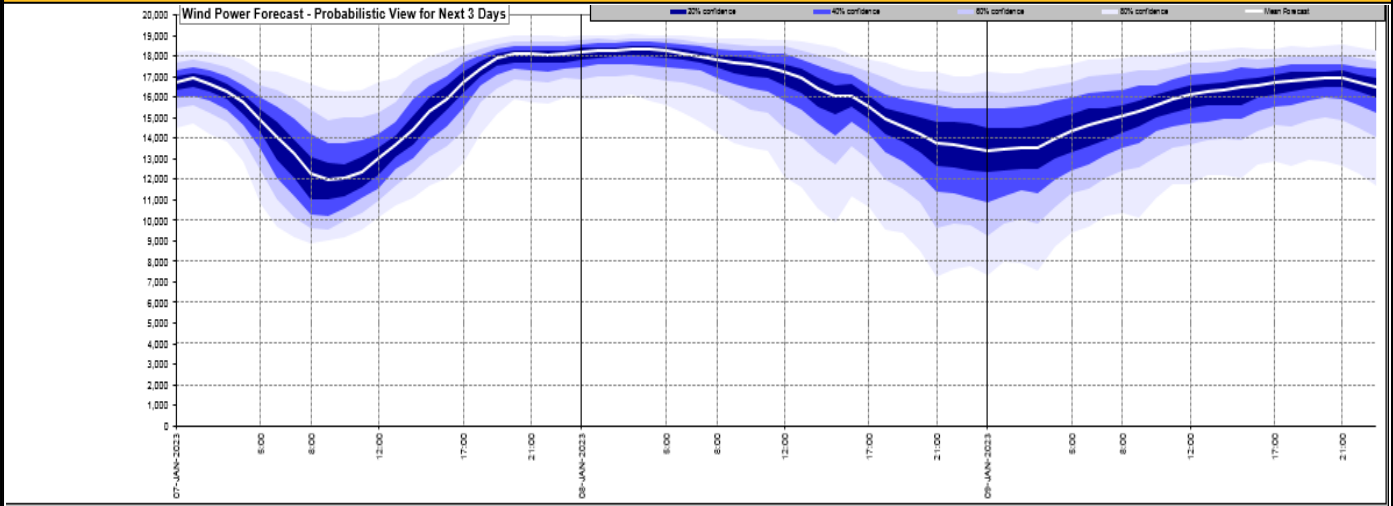
Yesterday's Market Summary

Cash Out Price (Max)	£204.00 (SP 35)
Cash Out Price (Min)	-£69.49 (SP 11)
Peak Demand Yesterday	37,771 MW
Minimum Demand	17,200 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

Wind Power Forecast

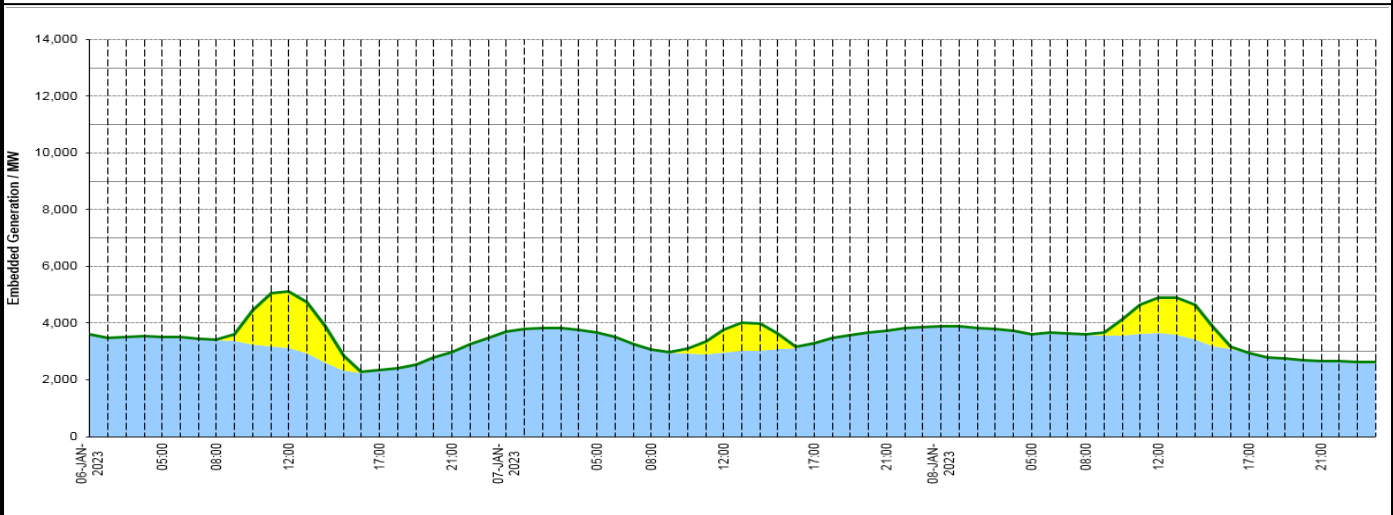


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 07-Jan-2023 01:44:19

	06-JAN-2023					07-JAN-2023					08-JAN-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	2012	0	0	0	0	0	782	0	0	0	0	0	1252	0	0
Wind (MW)	3518	3409	3107	2337	2988	3687	3657	3069	2966	3304	3742	3895	3617	3598	3659	2945	2654
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3518	3409	5119	2337	2988	3687	3657	3069	3748	3304	3742	3895	3617	3598	4911	2945	2654



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloud and rain, heavy at times, will clear erratically east by early afternoon with a mixture of sunshine and showers following. Some showers likely to be heavy with hail and a chance of thunder. Windy and turning colder later.
		Tonight: Showers, heavy at times, continuing although some clear spells likely across the east at times. Remaining windy with severe gales developing in northwest Scotland.
General Weather Concerns	Met Office Weather	UK Weather Warnings Yellow warning of rain

Weather	Source	Commentary
e.g. wind, rain, snow, flooding, GB Weather Warnings	Warnings SEPA Natural Resources Wales	<p>Areas affected: South West England Wales</p> <p>ACTIVEStarted at: 00:00 GMT on Sat 7 JanuaryEnds: 09:00 GMT on Sat 7 January</p> <p>Heavy rain is expected to cause some travel disruption and flooding on Saturday morning.</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is possible - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer <p>Issued at: 09:58 GMT on Fri 6 January</p>
		<p>Flood Warnings</p> <p>25 flood warnings and 76 flood alerts issued for England.</p> <p>2 flood warnings and 6 flood alerts issued for Scotland.</p> <p>0 flood warnings and 30 flood alerts 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