

National Electricity Transmission System Status Report

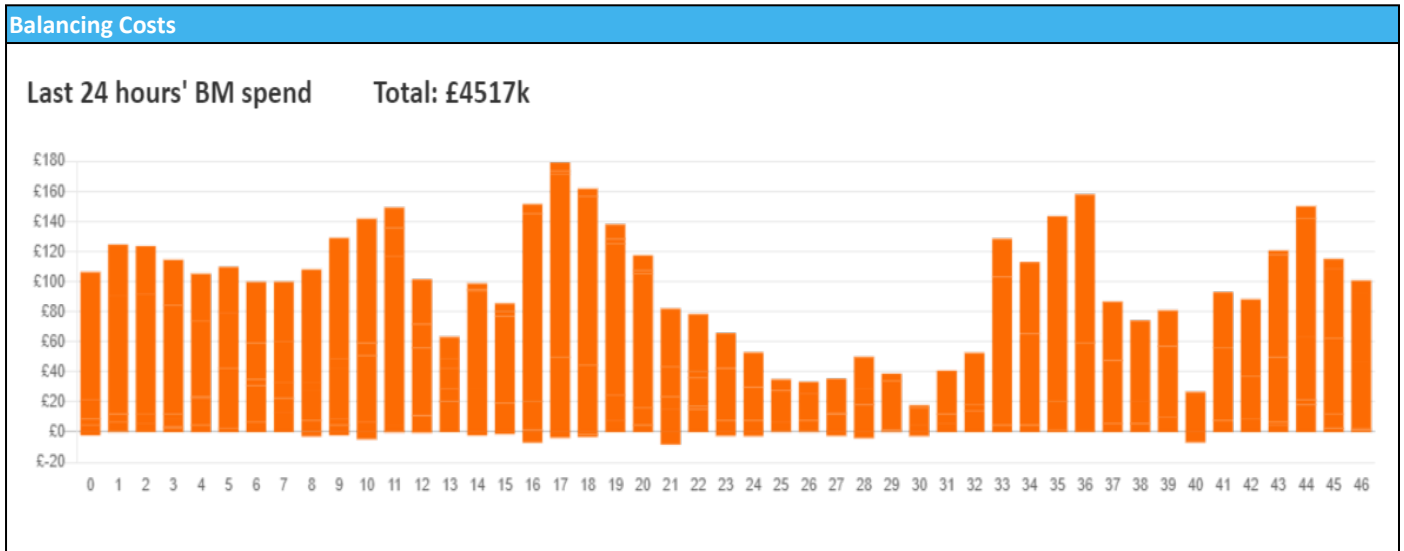


nationalgridESO

National Electricity Transmission System Status Report
Monday 09 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	3,960.19 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



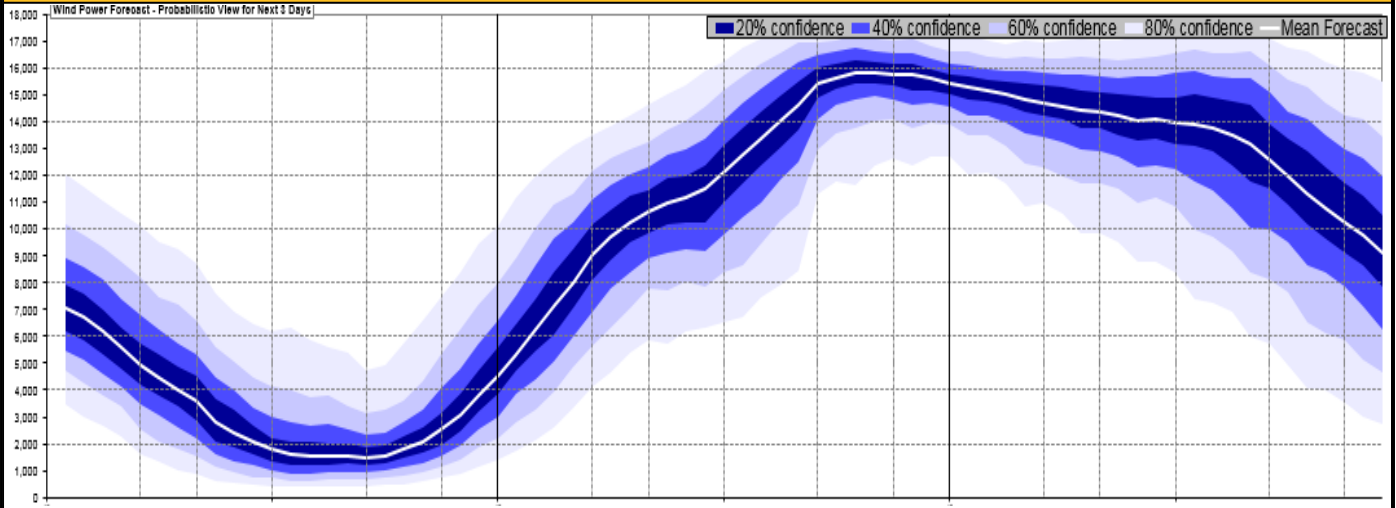
Yesterday's Market Summary

Cash Out Price (Max)	£139.03 (SP 38)
Cash Out Price (Min)	£-54.96 (SP 15)
Peak Demand Yesterday	30,929 MW
Minimum Demand	16,408 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 from 22:00 hours
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

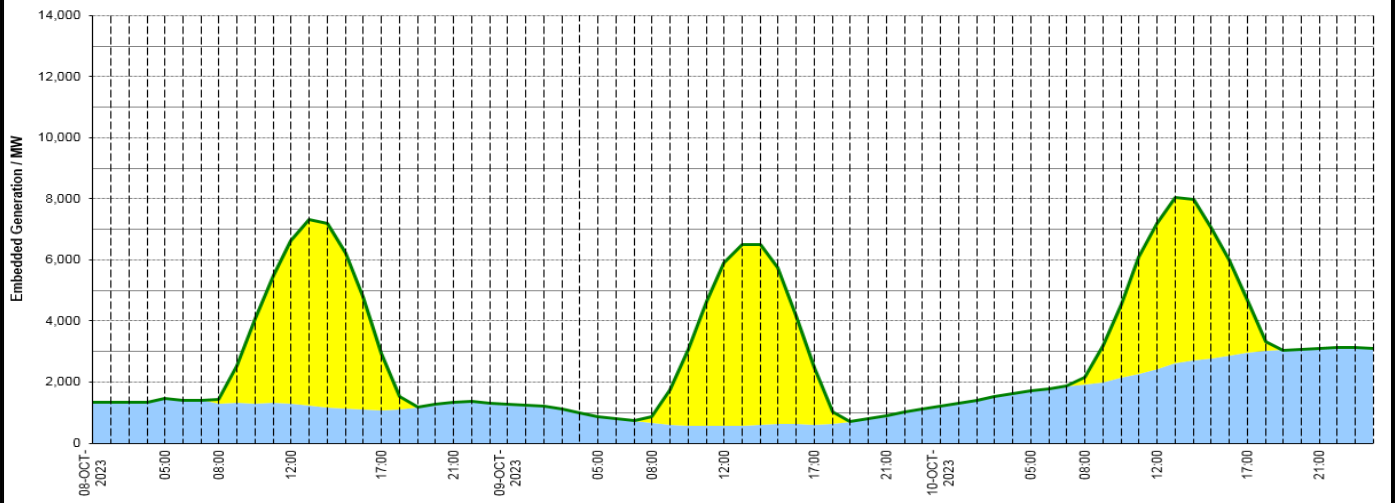
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates															Last run: 09-Oct-2023 04:52:43		
	08-OCT-2023					09-OCT-2023					10-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	133	5357	1887	0	0	0	192	5339	1894	0	0	0	256	4777	1710	0
Wind (MW)	1477	1300	1283	1060	1331	1284	881	671	563	586	913	1228	1725	1915	2432	2972	3105
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1477	1433	6640	2947	1331	1284	881	863	5902	2480	913	1228	1725	2171	7209	4682	3105



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Further rain at times across northern Scotland on Monday, otherwise largely dry, fine and warm, with light winds. Turning brighter with some spells of hazy sunshine, especially in the south. Tonight: Rain continues to slowly clear northern Scotland. Cloudy with outbreaks of rain and drizzle moving into Northern Ireland and parts of northern England later. Elsewhere, dry with clear spells, though patchy fog and low cloud developing later.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde Starts: 06:00 BST on Tue 10 October Ends: 21:00 BST on Tue 10 October Heavy rainfall will affect parts of western Scotland on Tuesday, bringing a risk of some additional flooding and transport disruption. - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services

Weather	Source	Commentary
		- There is a small chance that homes and businesses could be flooded, causing damage to some buildings
		Flood Warnings 1 flood warnings and 2 flood alerts issued for England. 52 flood warnings and 8 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales

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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