

National Electricity Transmission System Status Report

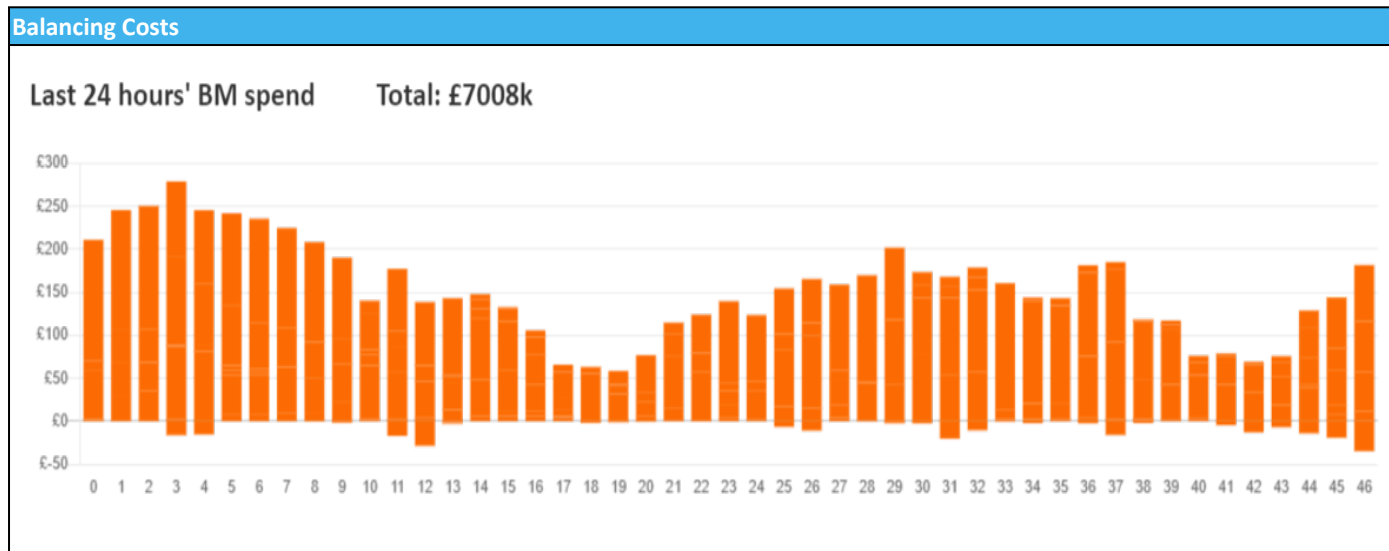


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 04 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	15,370 (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



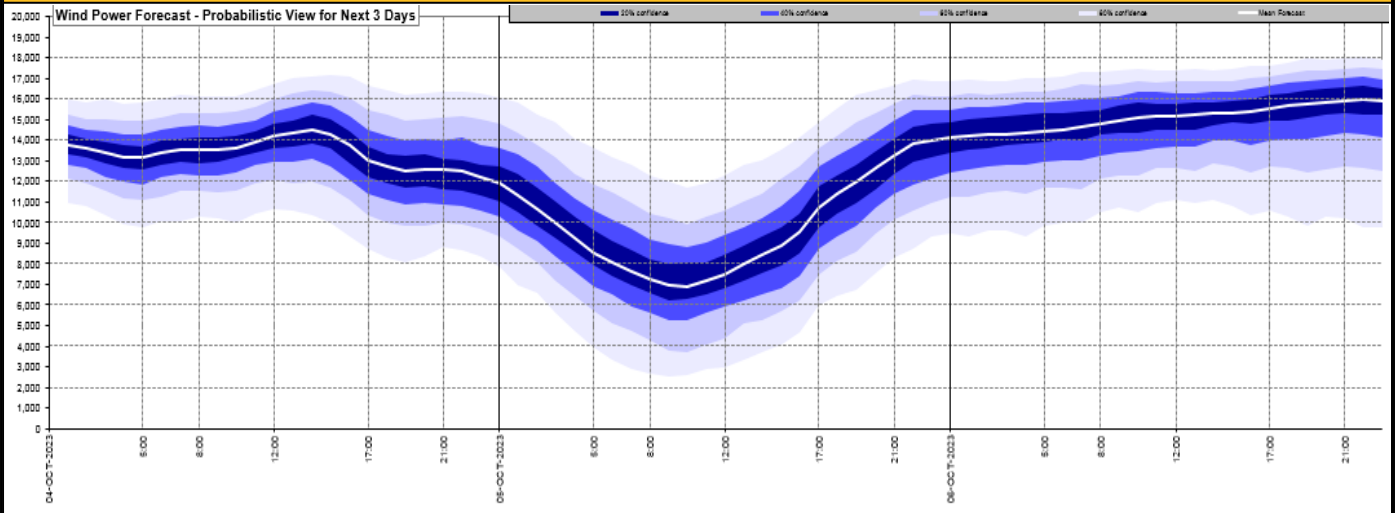
Yesterday's Market Summary

Cash Out Price (Max)	£111.00 (SP 16-18)
Cash Out Price (Min)	-£74.00 (SP 30-31)
Peak Demand Yesterday	32,479 MW
Minimum Demand	17,942 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
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

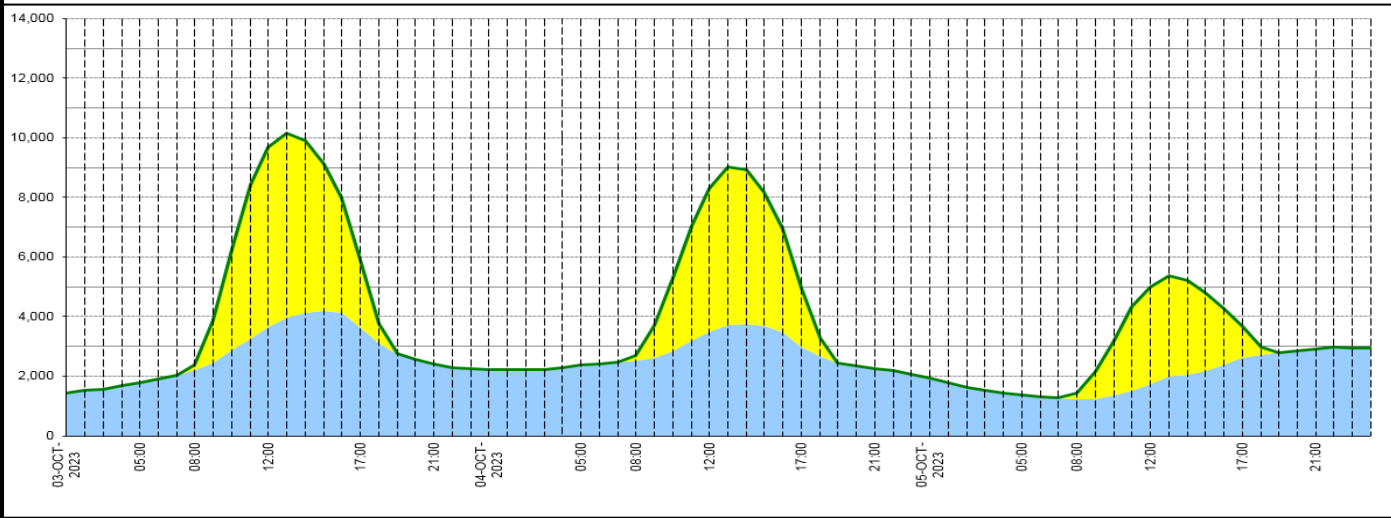
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-OCT-2023					04-OCT-2023					05-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	183	6030	2291	0	0	0	167	4808	1962	0	0	0	215	3265	1039	0
Wind (MW)	1768	2210	3667	3624	2411	2222	2368	2529	3481	3003	2250	1939	1366	1225	1730	2629	2917
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1768	2393	9697	5915	2411	2222	2368	2696	8289	4965	2250	1939	1366	1440	4995	3668	2917



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain pushing slowly southeastwards across Scotland and Northern Ireland, followed by blustery showers. Mostly dry across England and Wales, with sunny spells. Just a few showers possible, mainly in the west. Breezy, but feeling pleasant in the sunshine.</p> <p>Tonight: Further outbreaks of rain and drizzle across southern Scotland and perhaps northern England and Northern Ireland. Dry elsewhere, with clear spells and light winds.</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: Central, Tayside & Fife Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde Started at: 03:00 BST on Wed 4 October Ends: 23:59 BST on Wed 4 October Heavy rain on Wednesday may cause some disruption - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a chance of delays or cancellations to train and bus services - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a slight chance of power cuts and loss of other services to some homes and</p>

Weather	Source	Commentary
		<p>businesses</p> <p>Yellow warning of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde Starts: 15:00 BST on Thu 5 October Ends: 23:59 BST on Fri 6 October Heavy and persistent rain is expected on Thursday and Friday and may lead to some disruption.</p> <ul style="list-style-type: none"> - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a chance of delays or cancellations to train and bus services - There is a small chance that some communities will become cut off by flooded roads - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a slight chance of power cuts and loss of other services to some homes and businesses <p>Flood Warnings</p> <p>0 flood warnings and 3 flood alerts issued for England.</p> <p>0 flood warnings and 6 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 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