

National Electricity Transmission System Status Report

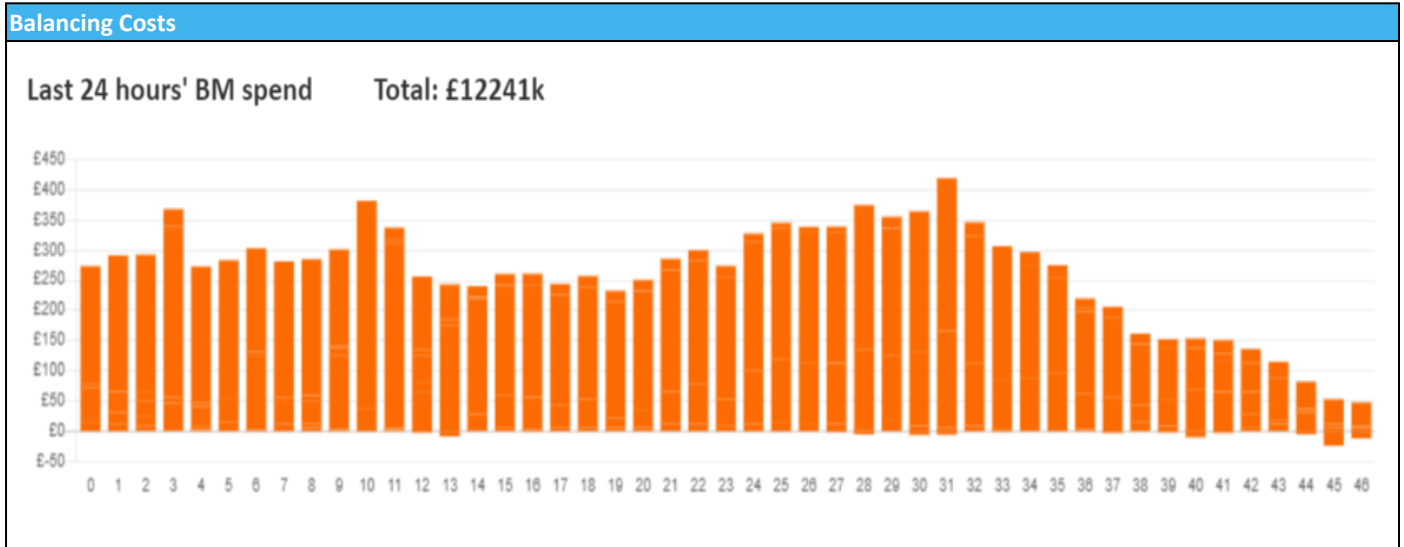


nationalgridESO

National Electricity Transmission System Status Report
Thursday 12 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			

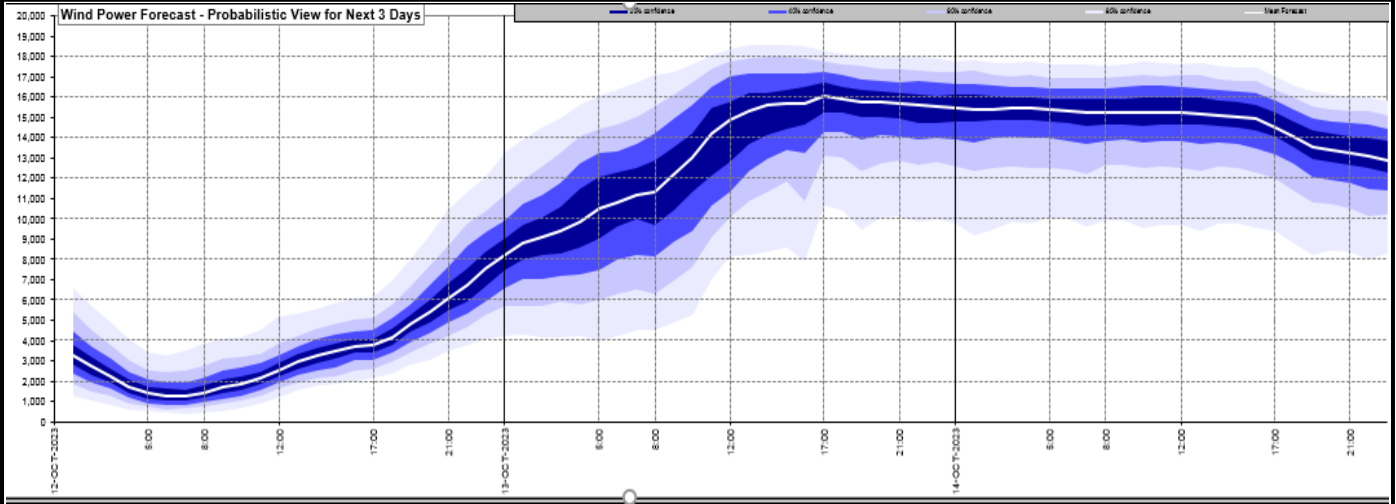
Today's Minimum De-Rated Margin	5120 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£154.9 (SP 36,37,43)
Cash Out Price (Min)	-£61.04 (SP 3,4,6,7,9,10)
Peak Demand Yesterday	34,858 MW
Minimum Demand	19200 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)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

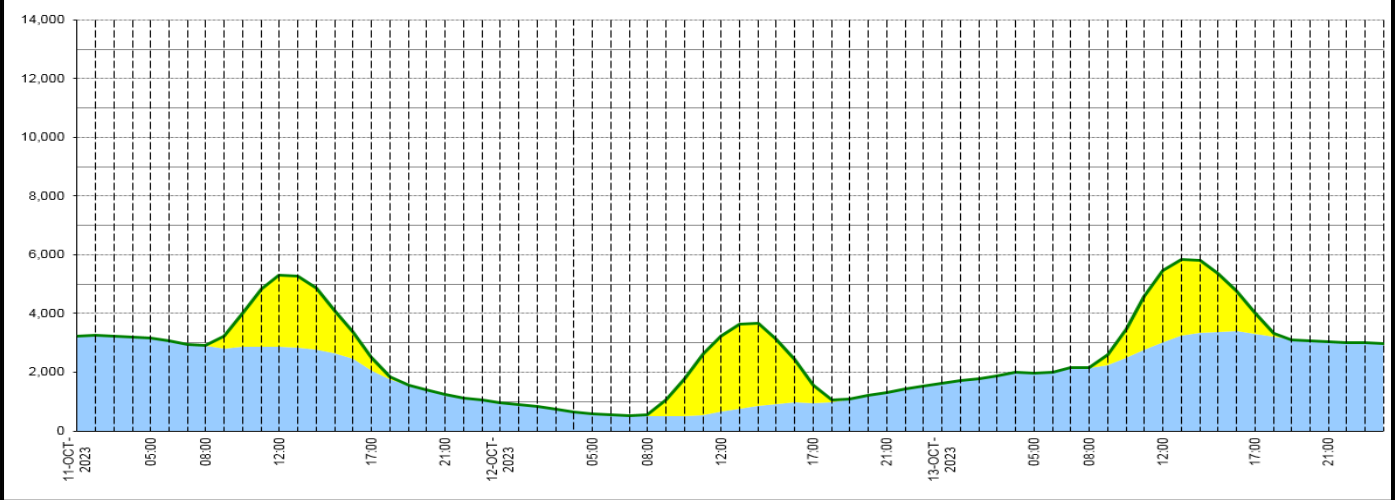
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-OCT-2023					12-OCT-2023					13-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	14	2437	435	0	0	0	49	2585	631	0	0	0	18	2451	705	0
Wind (MW)	3160	2884	2858	2058	1238	965	588	517	650	934	1315	1632	1984	2135	3016	3314	3053
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3160	2898	5295	2493	1238	965	588	566	3235	1565	1315	1632	1984	2153	5467	4019	3053



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cool and mostly sunny for the northern half of the UK, with showers in the far northwest. Warm and cloudy in the south, with some outbreaks of rain. Heavy rain affecting the far southwest into the late afternoon</p> <p>Tonight: Rain, heavy at times, affecting much of England and Wales and turning windy. Another band of rain affecting Northern Ireland and Scotland with clear spells and showers to follow</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: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Starts: 21:00 BST on Thu 12 October Ends: 23:59 BST on Fri 13 October Occasionally heavy rain will reach southwest Britain Thursday evening, then spread across much of England and Wales on Friday.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer

Weather	Source	Commentary
		<p>Flood Warnings</p> <p>0 flood warnings and 2 flood alerts issued for England.</p> <p>1 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 3 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