

National Electricity Transmission System Status Report

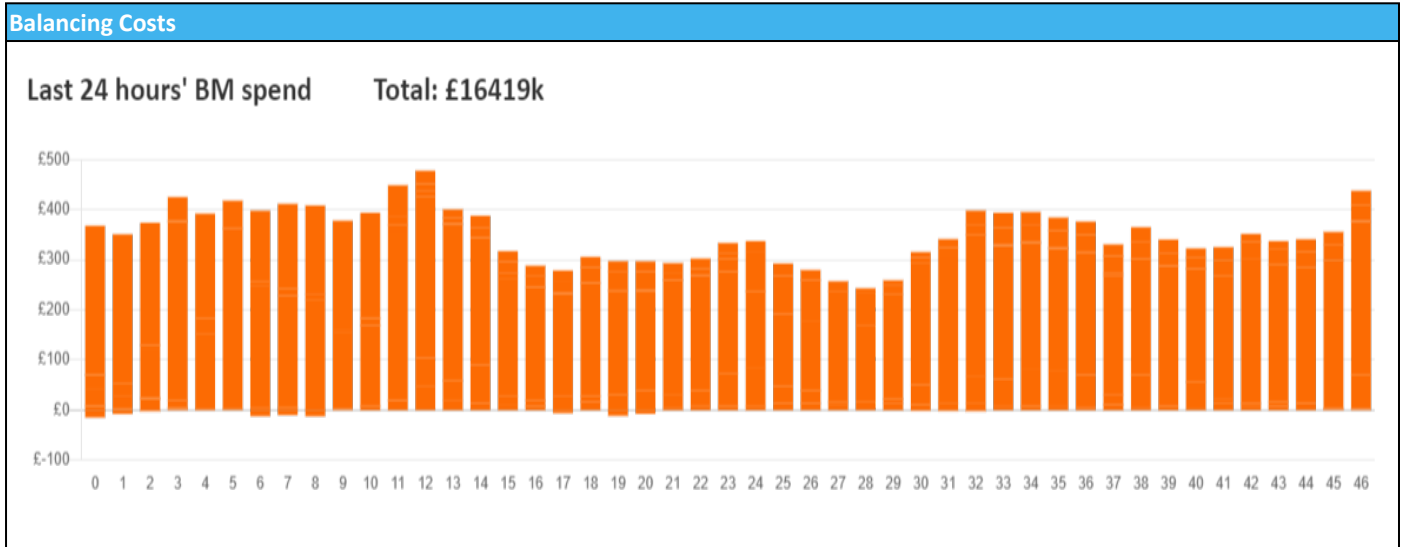


nationalgridESO

National Electricity Transmission System Status Report
Saturday 21 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			

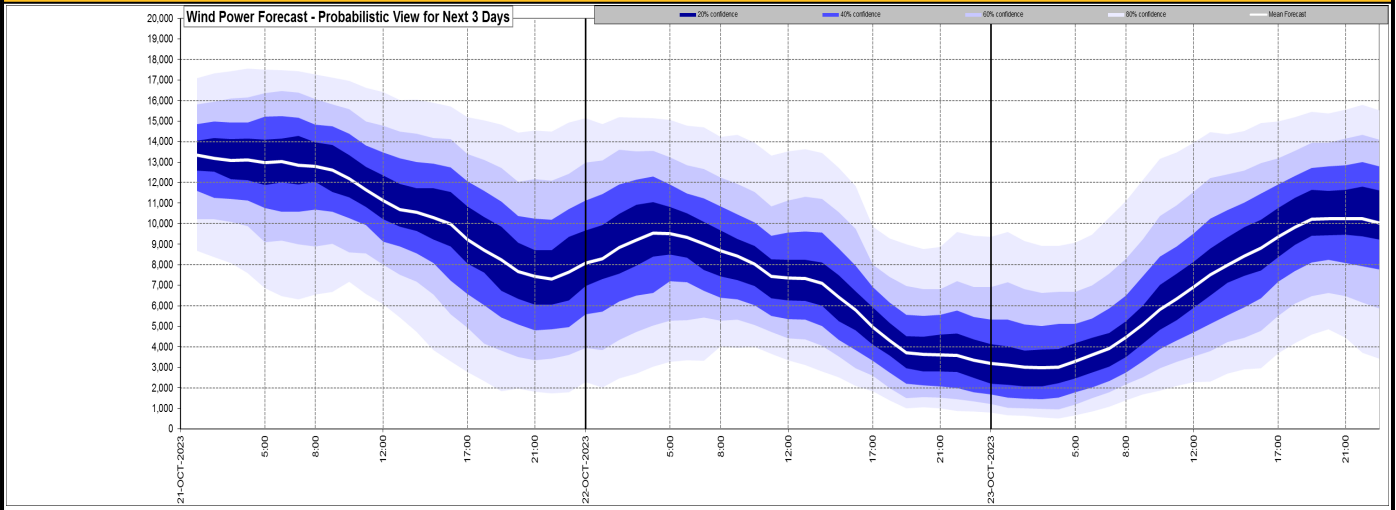
Today's Minimum De-Rated Margin	7,633 (SP 37)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£137.56 (SP 35, 36, 37, 38, 40)
Cash Out Price (Min)	£-61.04 (SP 2, 3)
Peak Demand Yesterday	34,094 MW
Minimum Demand	18,130 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

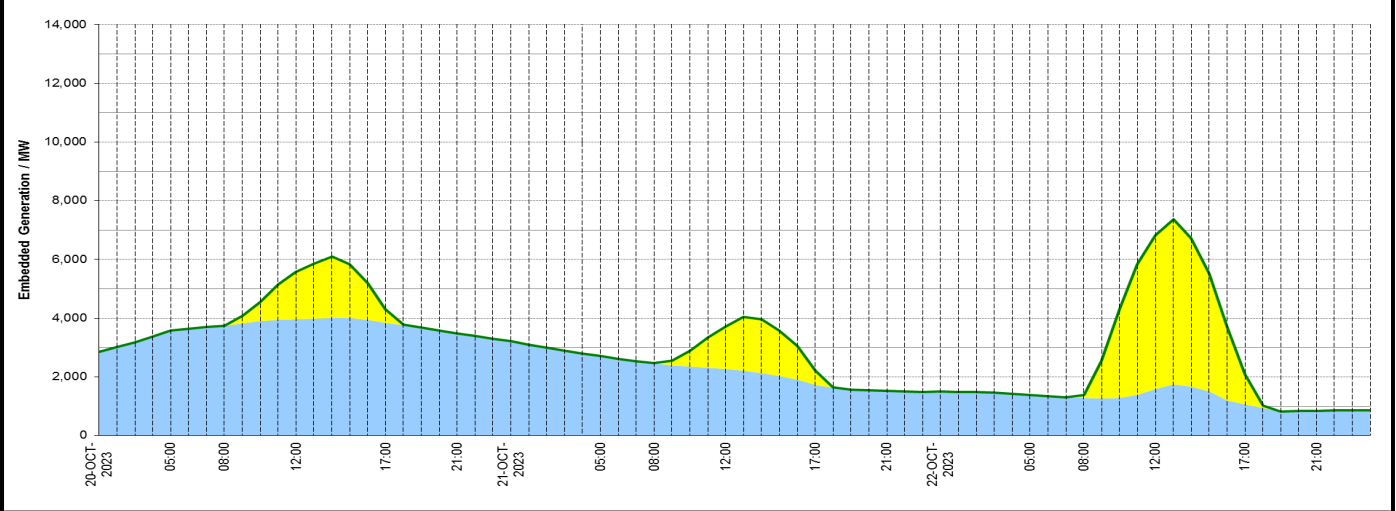
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-OCT-2023					21-OCT-2023					22-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	0	1603	461	0	0	0	0	1458	464	0	0	0	104	5244	1019	0
Wind (MW)	3578	3752	3973	3844	3477	3226	2711	2469	2269	1738	1532	1503	1391	1283	1584	1070	849
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3578	3752	5576	4305	3477	3226	2711	2469	3727	2202	1532	1503	1391	1387	6828	2089	849



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy rain across eastern and northern Scotland. Coastal gales along eastern Scotland gradually easing but persisting further north. Elsewhere, often cloudy with sporadic rain. Chance of heavy, thundery showers across South East England. Strong winds also along southern coasts.</p> <p>Tonight: Rain continuing across northern Scotland with coastal gales. Largely dry elsewhere with clear spells aside from a few coastal showers. Isolated mist and fog patches. Colder than recent nights.</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 Grampian SW Scotland, Lothian Borders Strathclyde</p> <p>Yellow warning of rain Areas affected: East Midlands East of England North East England North West England Wales West Midlands Yorkshire & Humber</p> <p>Amber warning of rain Areas affected: East Midlands North East England North West England SW Scotland,</p>

Weather	Source	Commentary
		Lothian Borders West Midlands Yorkshire & Humber
		Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian North East England SW Scotland, Lothian Borders Yorkshire & Humber
		Flood Warnings 350 flood warnings and 248 flood alerts issued for England. 5 severe flood warnings, 17 flood warnings and 12 flood alerts issued for Scotland. 18 flood warnings and 25 flood alert issued for Wales

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs