

National Electricity Transmission System Status Report

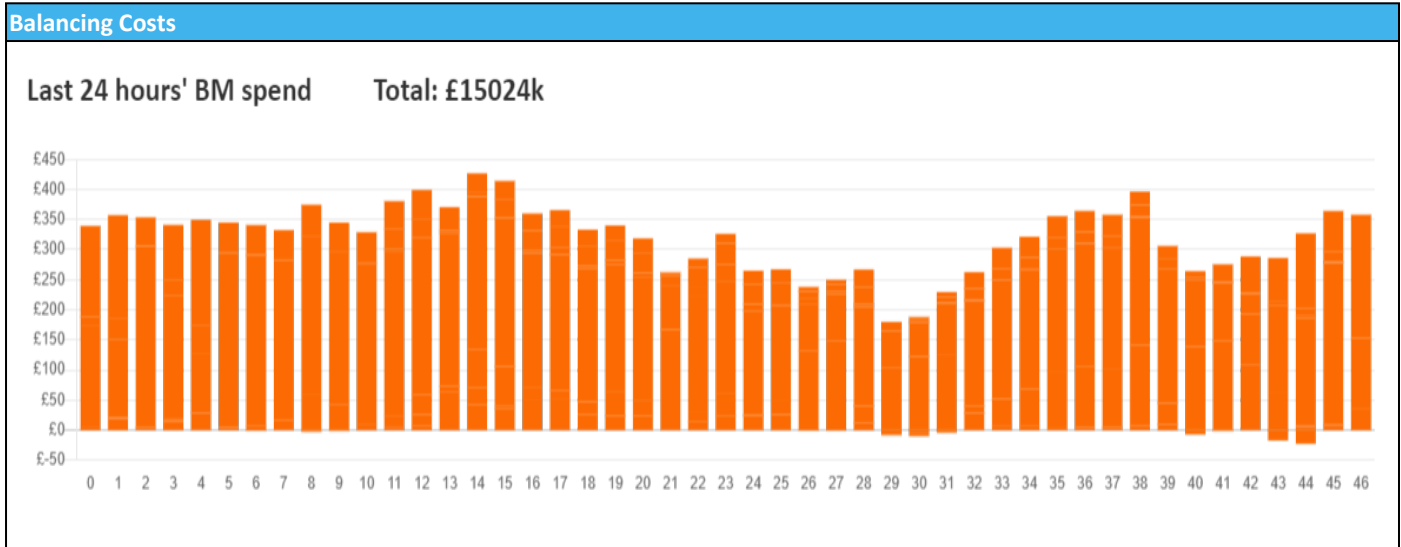


nationalgridESO

National Electricity Transmission System Status Report
Friday 20 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			

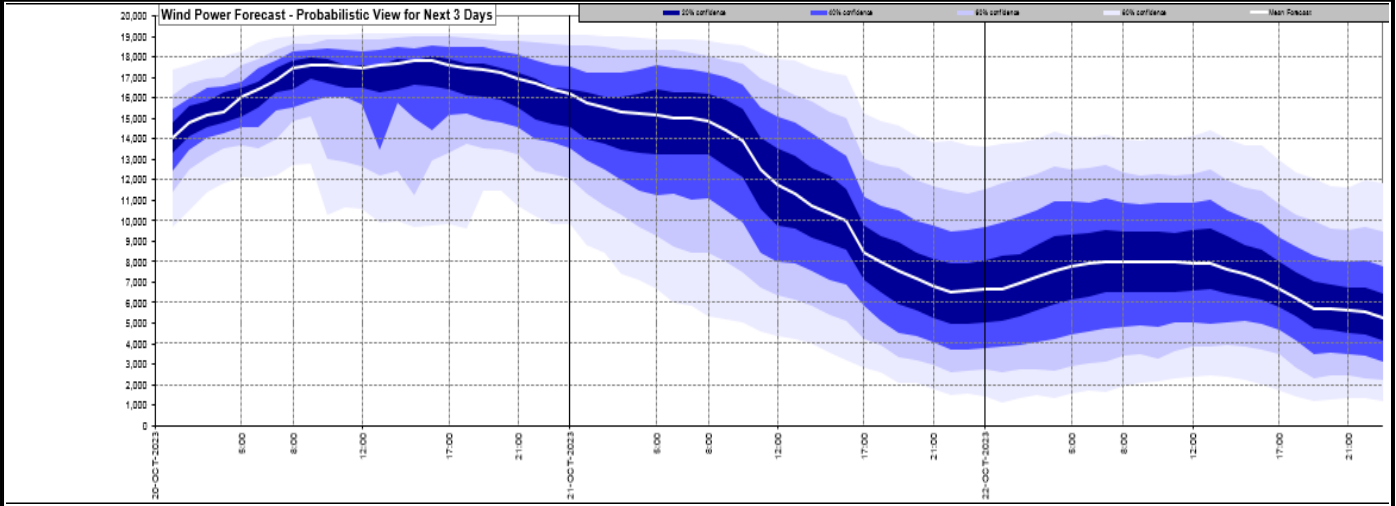
Today's Minimum De-Rated Margin	18604 (SP 20)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	700 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£147.9 (SP 37, 38, 39, 40)
Cash Out Price (Min)	£-61.04 (SP 2, 3))
Peak Demand Yesterday	35,465 MW
Minimum Demand	18,679 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

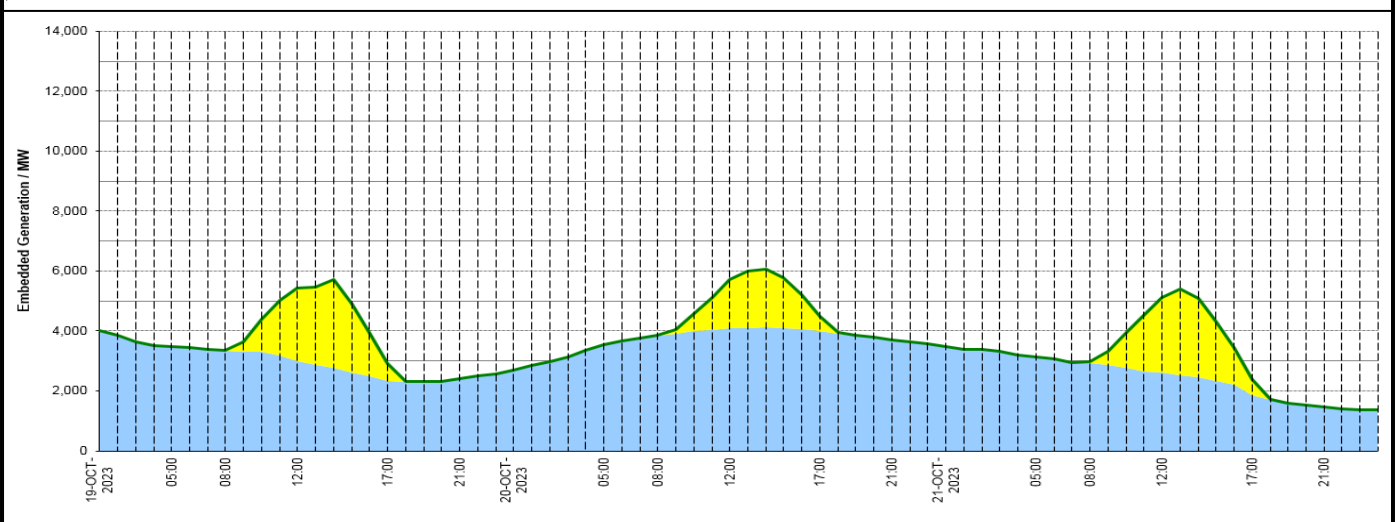
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 20-Oct-2023 04:32:35	
	19-OCT-2023					20-OCT-2023					21-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	2	2448	563	0	0	0	0	1619	506	0	0	0	39	2493	537	0
Wind (MW)	3466	3353	2984	2345	2424	2701	3536	3846	4081	3989	3703	3487	3131	2926	2609	1856	1450
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3466	3355	5432	2908	2424	2701	3536	3846	5700	4495	3703	3487	3131	2965	5102	2393	1450



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: An unsettled day across much of the UK, with outbreaks of heavy rain and strong winds, especially in the east. Some brighter spells are possible across southern counties of England and northwest Scotland, but heavy showers developing here. Tonight: Staying unsettled for many, with further strong winds and outbreaks of heavy rain and showers continuing through the evening and overnight.
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: East Midlands East of England North East England North West England Wales West Midlands Yorkshire & Humber Yellow warning of rain Areas affected: Northern Ireland Amber warning of rain Areas affected: East Midlands North East England North West England SW Scotland, Lothian Borders West Midlands Yorkshire & Humber

Weather	Source	Commentary
		<p>Yellow warning of wind</p> <p>Areas affected: Central, Tayside & Fife East Midlands East of England Grampian North East England SW Scotland, Lothian Borders Yorkshire & Humber</p> <p>Flood Warnings</p> <p>8 flood warnings and 92 flood alerts issued for England.</p> <p>4 severe flood warnings, 16 flood warnings and 12 flood alerts issued for Scotland.</p> <p>0 flood warnings and 1 flood alert issued for Wales</p>

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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