

National Electricity Transmission System Status Report

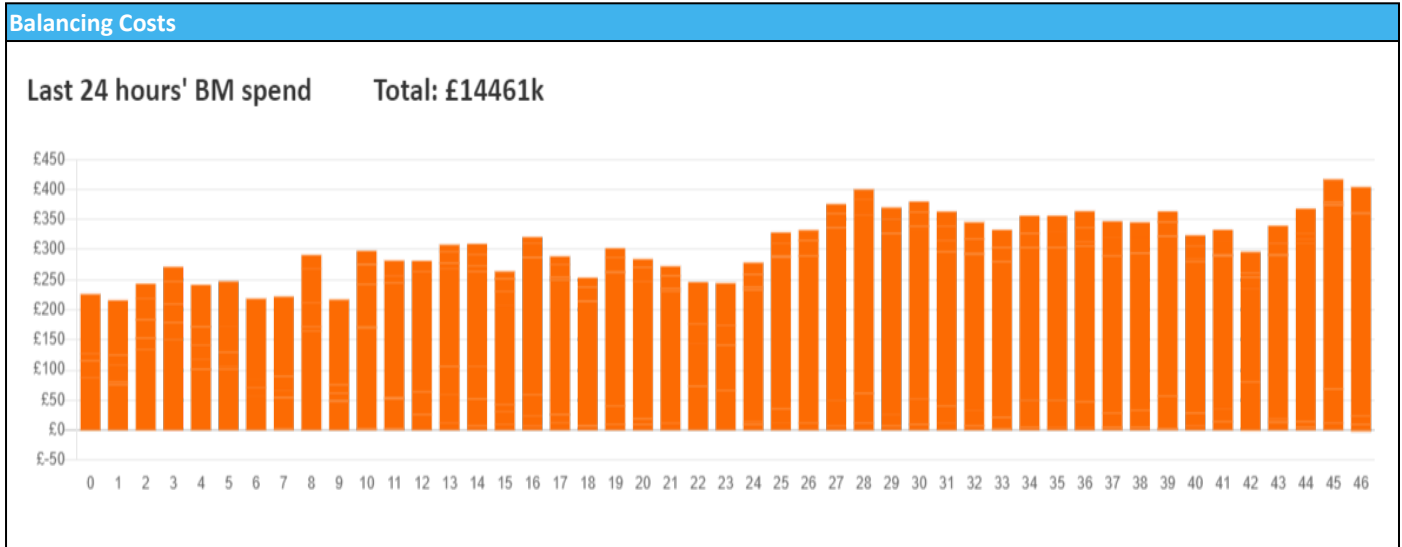


nationalgridESO

National Electricity Transmission System Status Report
Thursday 19 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			

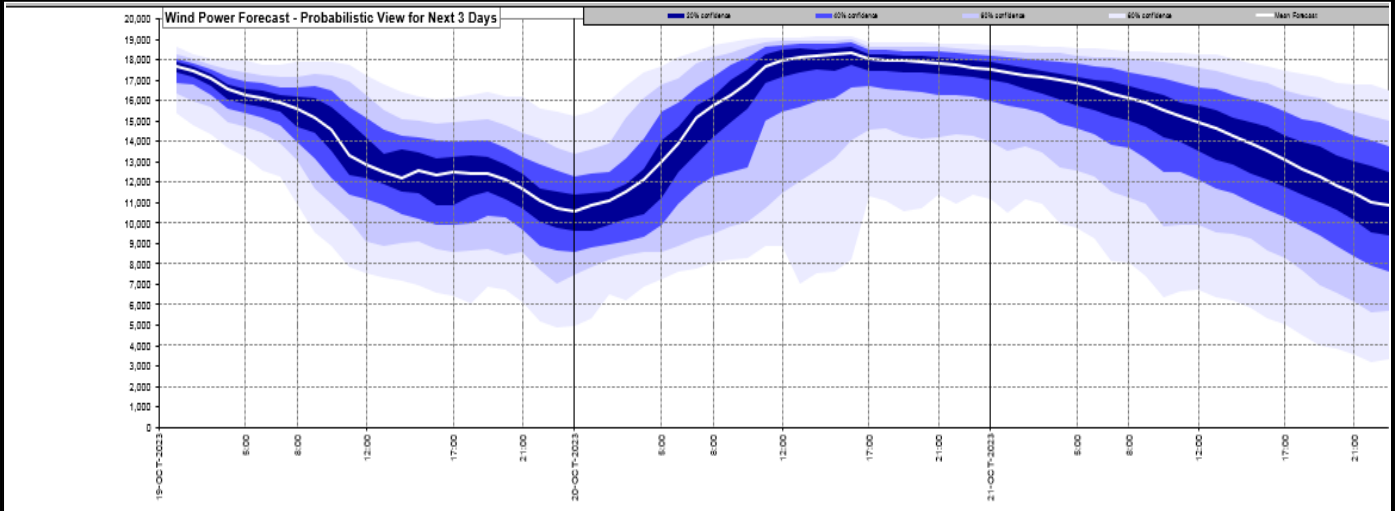
Today's Minimum De-Rated Margin	12666.68 (SP 38)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£139.6 (SP 30, 36, 37, 38, 40, 41))
Cash Out Price (Min)	£-26.61 (SP 11)
Peak Demand Yesterday	35,262 MW
Minimum Demand	18,354 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

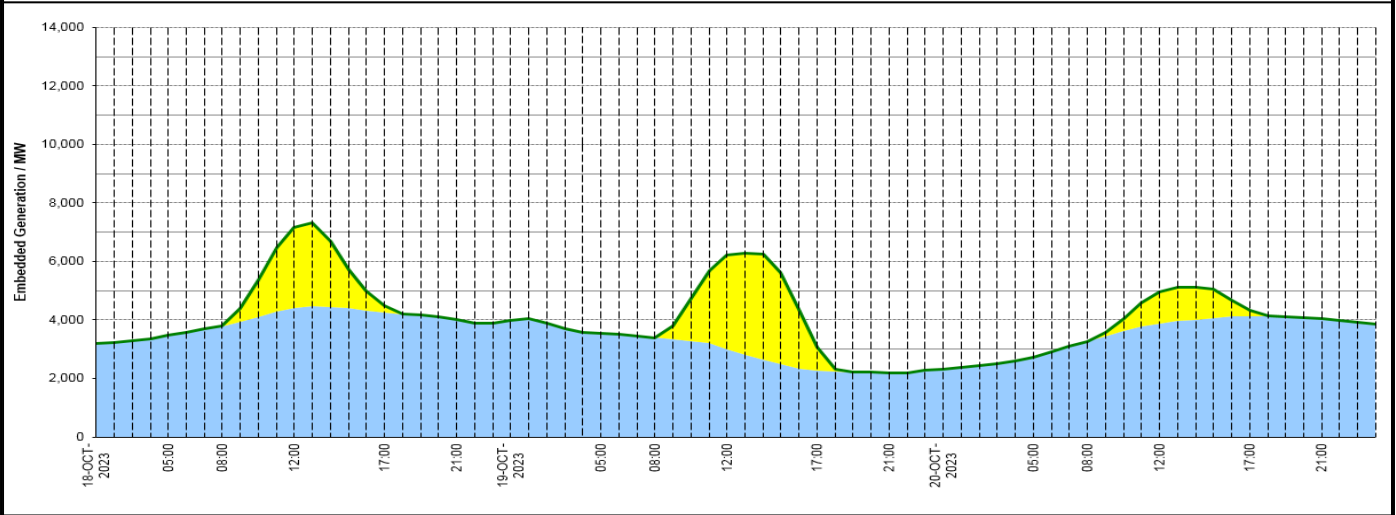
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 19-Oct-2023 04:32:38			
	18-OCT-2023					19-OCT-2023					20-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	4	2739	253	0	0	0	0	3215	786	0	0	0	0	1083	196	0
Wind (MW)	3481	3783	4411	4249	4003	3975	3546	3400	2994	2277	2185	2328	2713	3260	3882	4139	4038
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3481	3787	7150	4502	4003	3975	3546	3400	6209	3063	2185	2328	2713	3260	4965	4335	4038



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy and prolonged rainfall across parts of Scotland. Flooding is expected in places, especially in the east. A day of sunny spells and heavy thundery showers across the rest of the UK. Windy for all, with severe gales across Scotland.</p> <p>Tonight: Heavy rain will continue across northern and eastern parts of Scotland. Further heavy showers elsewhere. Then heavy rain arriving across southeast overnight, spreading to most areas by dawn. Staying windy.</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</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>Amber warning of rain Areas affected: Central, Tayside & Fife Grampian</p> <p>Yellow warning of rain</p>

Weather	Source	Commentary
		<p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>Amber warning of wind Areas affected: Central, Tayside & Fife Grampian</p> <p>Red warning of rain Areas affected: Central, Tayside & Fife Grampian</p> <p>Amber warning of rain Areas affected: Highlands & Eilean Siar</p> <p>Yellow warning of rain Areas affected: East Midlands North East England North West England Yorkshire & Humber</p>
		<p>Flood Warnings</p> <p>6 flood warnings and 29 flood alerts issued for England.</p> <p>3 flood warnings and 14 flood alerts issued for Scotland.</p> <p>0 flood warnings and 2 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