

**National Electricity
Transmission System Status Report**

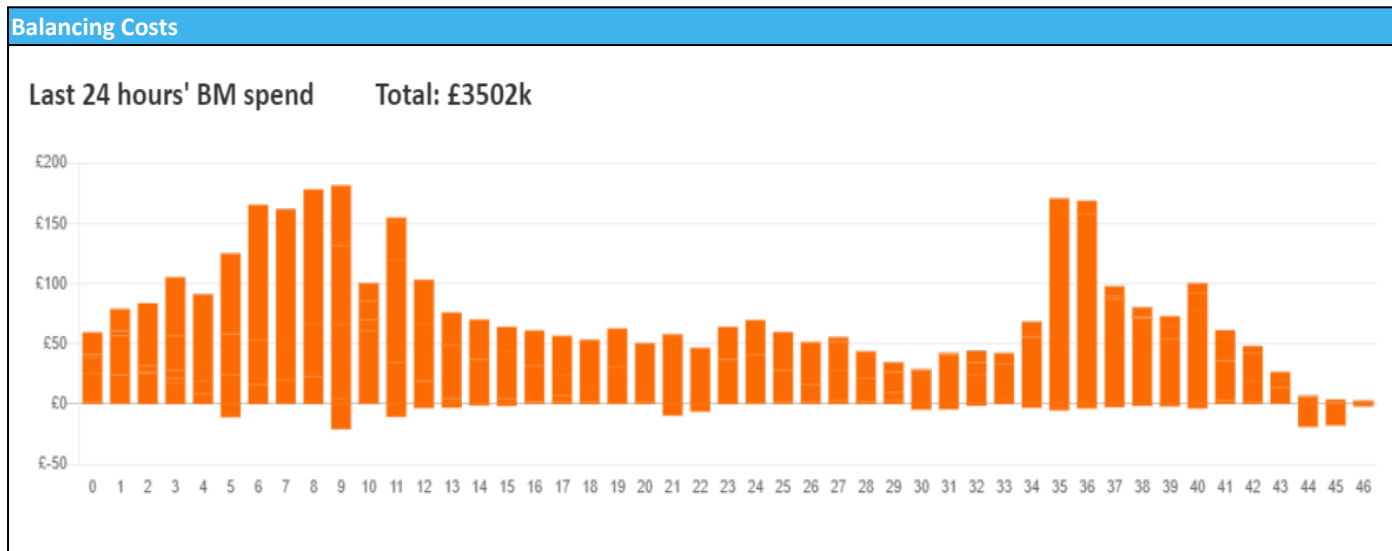


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 16 November 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			

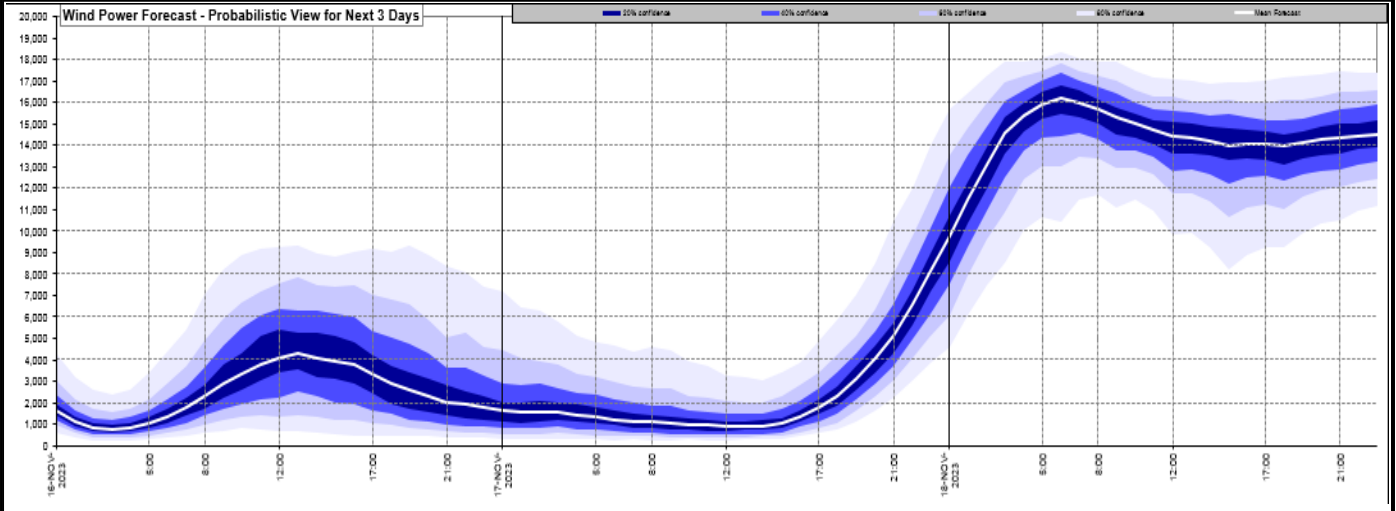
Today's Minimum De-Rated Margin	5,988 (SP 37)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£155 (SP 37)
Cash Out Price (Min)	£0 (SP 8, 9, 10)
Peak Demand Yesterday	41,029 MW
Minimum Demand	22,610 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)	1424	1424	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	0	0	Not yet commissioned

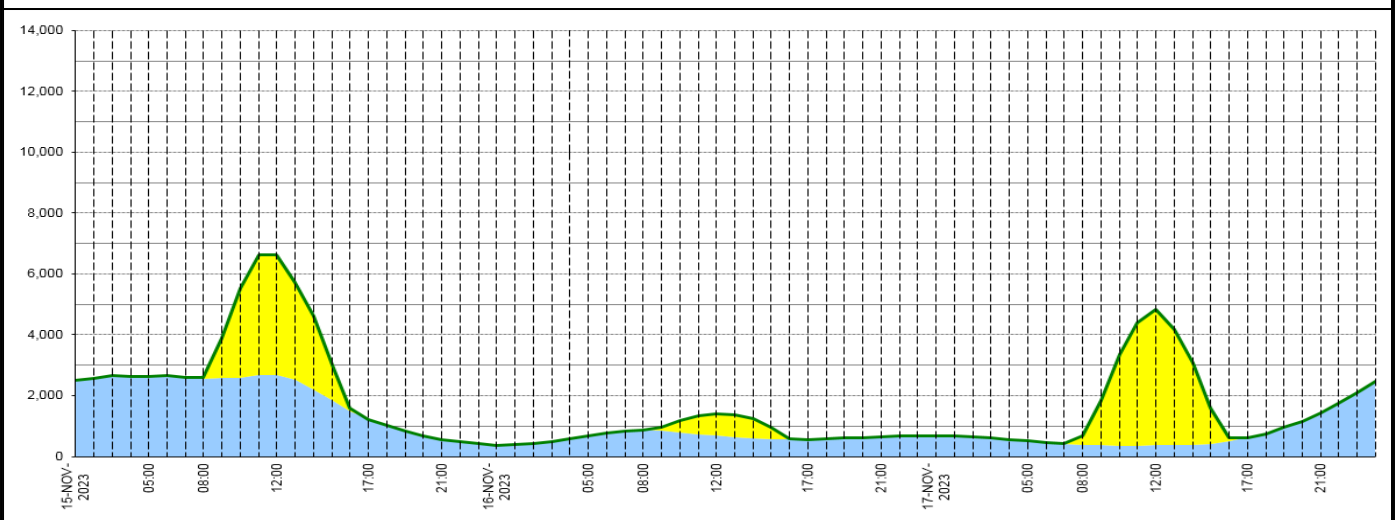
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 16-Nov-2023 04:32:30	
	15-NOV-2023					16-NOV-2023					17-NOV-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	47	3958	0	0	0	0	0	700	0	0	0	0	280	4467	0	0
Wind (MW)	2627	2558	2684	1229	564	373	692	876	687	567	659	688	516	384	371	619	1425
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2627	2605	6642	1229	564	373	692	876	1387	567	659	688	516	664	4838	619	1425



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Outbreaks of heavy rain will affect southern parts of England and Wales, turning showery in the southwest later. Fairly dry elsewhere with some sunny spells, though maybe the odd shower too. Rain will affect Northern Ireland into the afternoon Tonight: Rain will spread eastwards across the UK this evening with a few showers developing behind this in the west. Clear spells developing too with frost and fog developing for some.
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: London & South East England South West England ACTIVE Started at: 00:00 GMT on Thu 16 November Ends: 11:00 GMT on Thu 16 November Heavy rain may cause some flooding and disruption to travel. Flood Warnings 13 flood warnings and 114 flood alerts issued for England.

Weather	Source	Commentary
		<p>0 flood warnings and 7 flood alerts issued for Scotland.</p> <p>0 flood warnings and 4 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/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