

National Electricity Transmission System Status Report

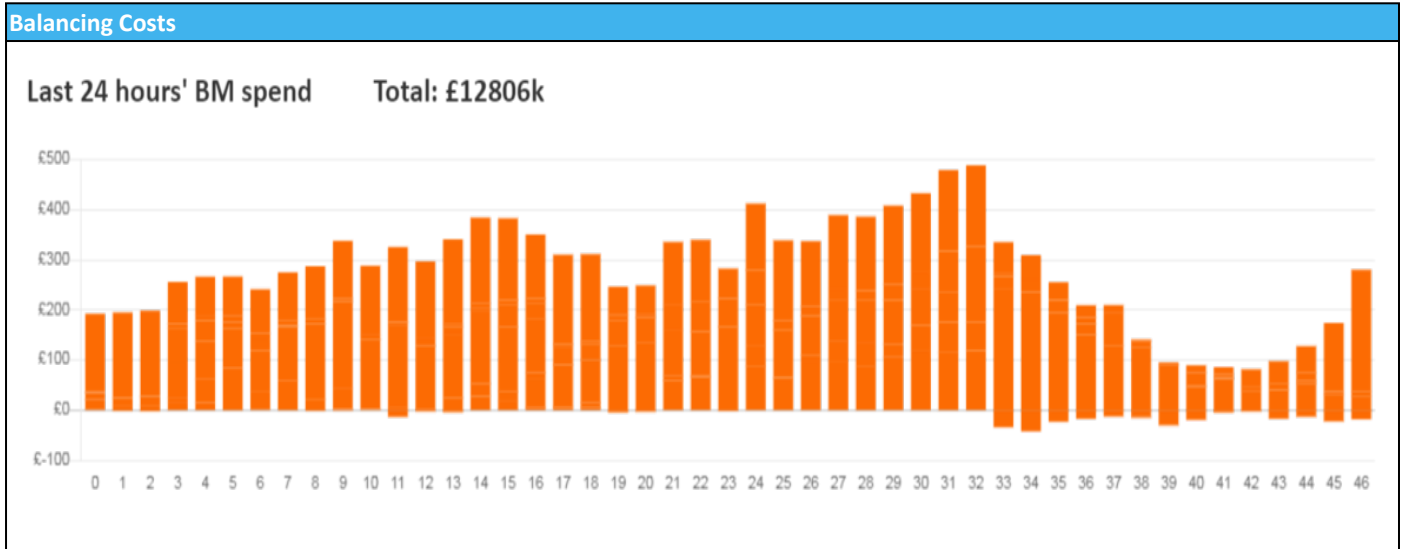


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 01 November 2022

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			

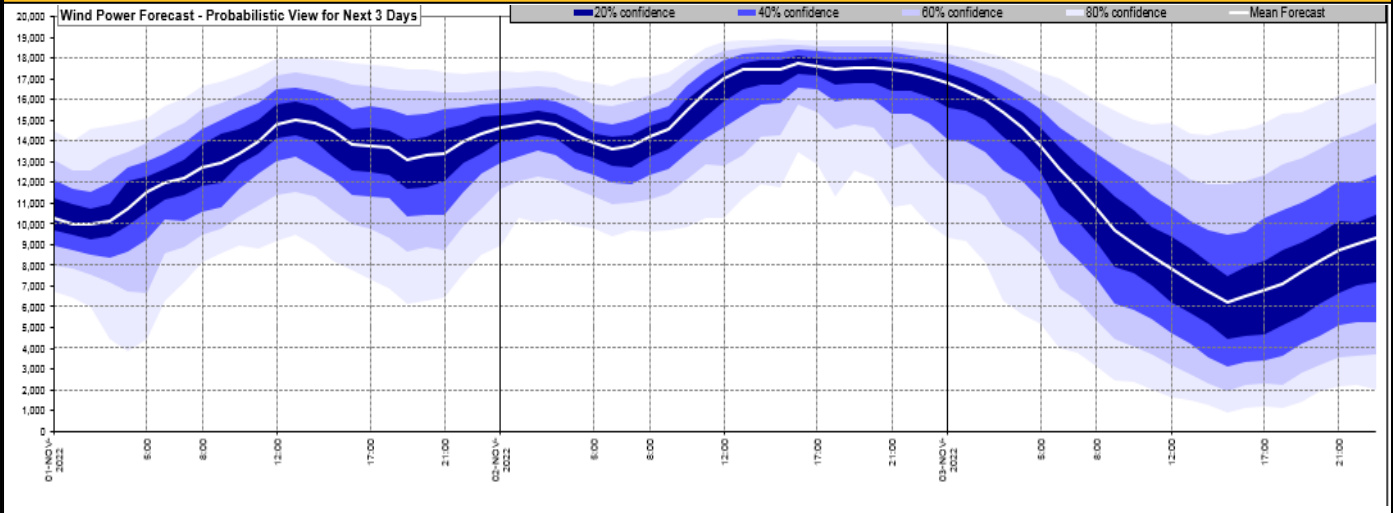
Today's Minimum De-Rated Margin	10617 (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£175 (SP 7)
Cash Out Price (Min)	£15.00 (SP 1,3,4)
Peak Demand Yesterday	34,622 MW
Minimum Demand	16,512 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

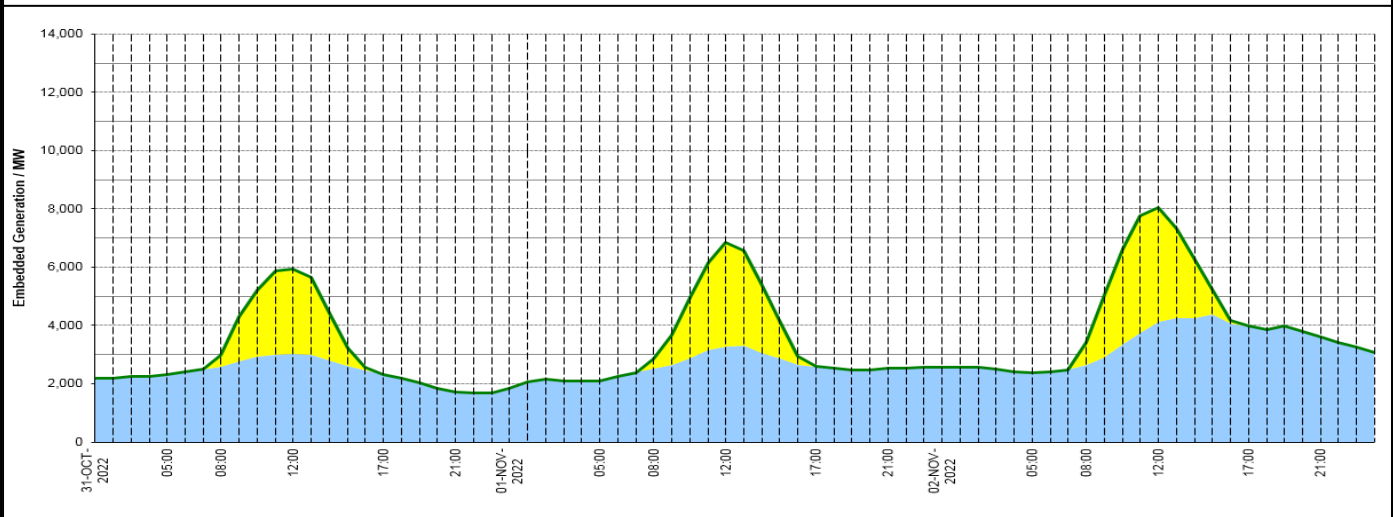
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	31-OCT-2022					01-NOV-2022					02-NOV-2022						
	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	371	2909	0	0	0	0	324	3561	0	0	0	0	775	3940	0	0
Wind (MW)	2316	2594	3028	2322	1712	1852	2110	2525	3288	2587	2523	2571	2363	2635	4116	3970	3612
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2316	2965	5937	2322	1712	1852	2110	2849	6849	2587	2523	2571	2363	3410	8056	3970	3612



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early rain, heavy at times, over Scotland and northern England clears northwards leaving brighter conditions, but also some showers, mainly in the west. Elsewhere, changeable with sunny spells and heavy, blustery showers. Windy, especially in southern coastal areas. Tonight: Further showers, heavy at times, this evening. Showers then becoming mostly confined to western areas during the early hours. Colder than last night.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow weather warning in force for England. Affecting London & South East England, South West England Flood Warnings 0 flood warnings and 49 flood alerts are currently in force for England. 0 flood warnings and 0 flood alerts are currently in force for Scotland. 0 flood warnings and 2 flood alerts are currently in force for Wales.

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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