

National Electricity Transmission System Status Report

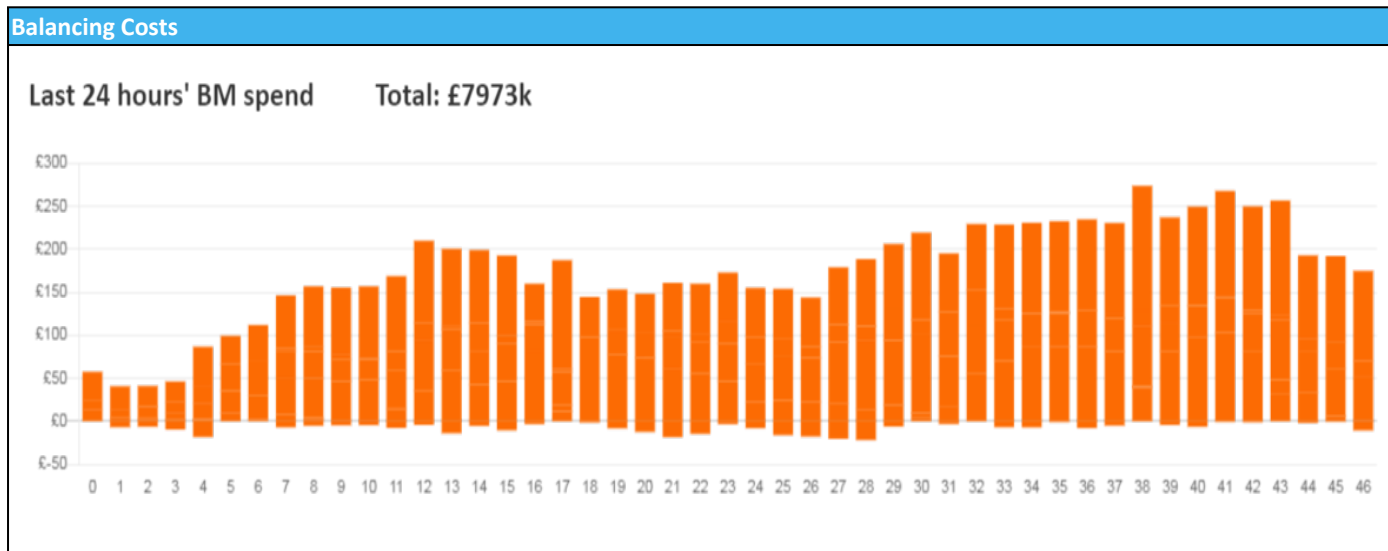


nationalgridESO

National Electricity Transmission System Status Report
Thursday 27 October 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			

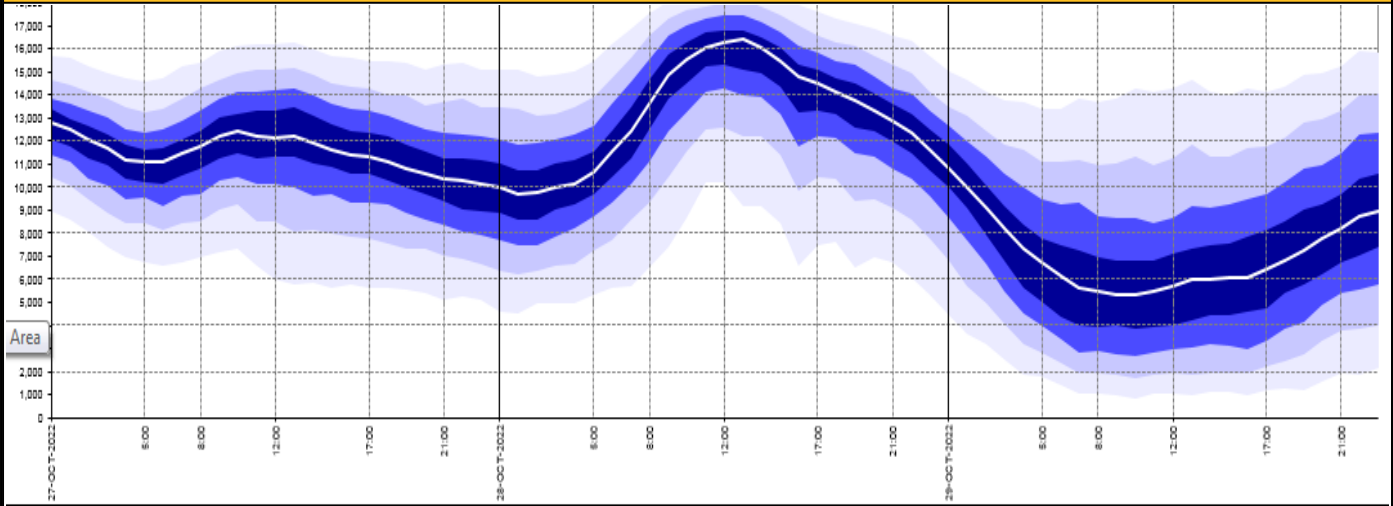
Today's Minimum De-Rated Margin	10,008 (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£105.00 (SP 19)
Cash Out Price (Min)	£0.05 (SP 7,8)
Peak Demand Yesterday	37,101 MW
Minimum Demand	18,270 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

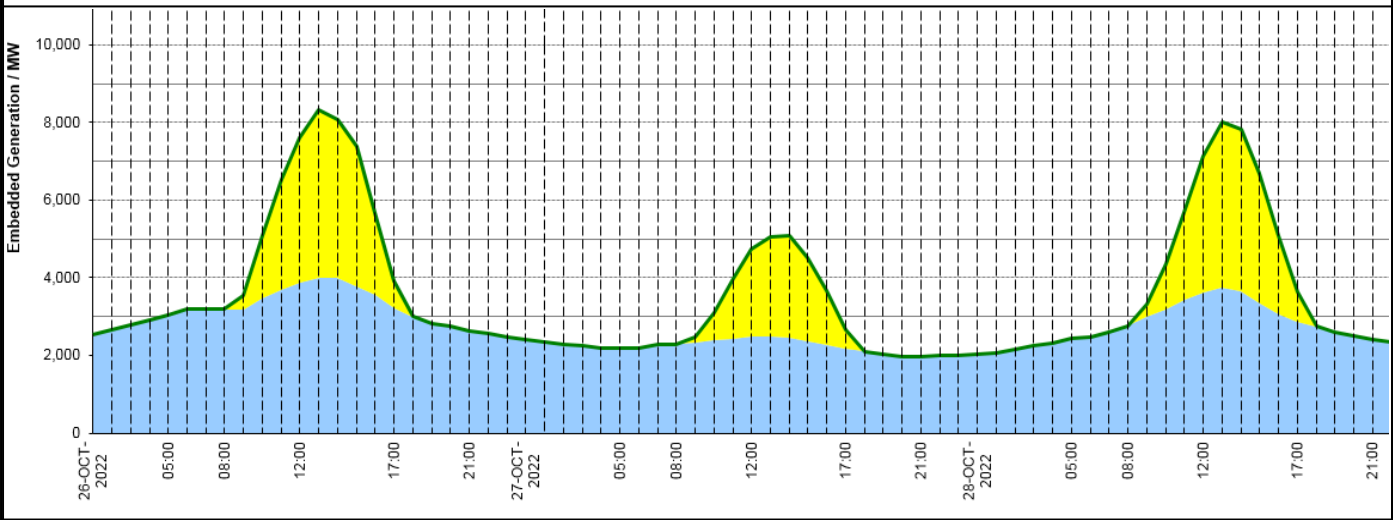
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-OCT-2022					27-OCT-2022					28-OCT-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	0	3721	704	0	0	0	0	2263	496	0	0	0	0	3518	769	0
Wind (MW)	3043	3194	3889	3228	2622	2411	2183	2297	2483	2159	1977	2032	2427	2764	3613	2882	2418
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3043	3194	7610	3932	2622	2411	2183	2297	4746	2655	1977	2032	2427	2764	7131	3651	2418



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and outbreaks of rain, some heavy, moving north but likely becoming brighter with some sunny spells developing through the afternoon in the south. Windy in the far north at first. Very mild, especially in the southeast</p> <p>Tonight: Rain, heavy at times, with coastal gales developing across the far southwest and moving north overnight, although northern Scotland and eastern England remaining dry. Very mild.</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 No weather warnings are in force for the UK</p> <p>Flood Warnings 1 flood warnings and 8 flood alerts issued for England. 3 flood warnings and 13 Flood Alert are currently in force for Scotland. 0 flood warning and 2 Flood Alerts are currently in force 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