

**National Electricity
Transmission System Status Report**

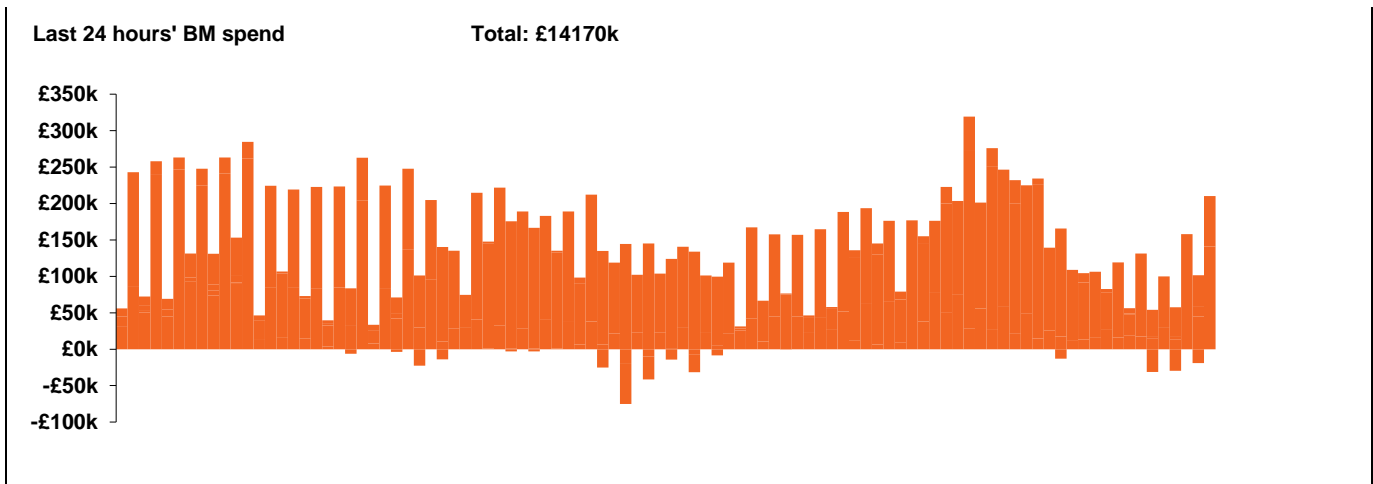


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 21 October 2021

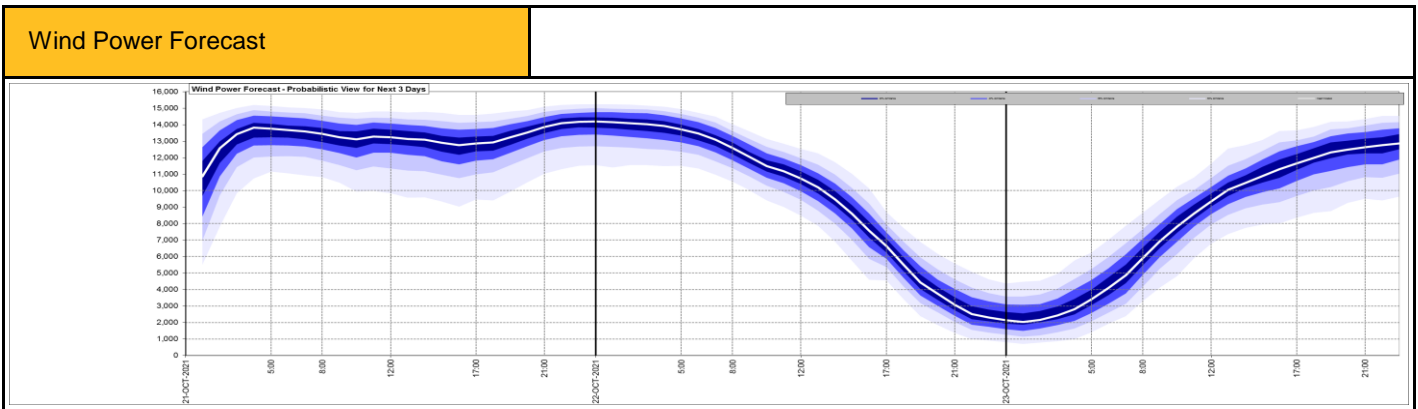
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	10486.09 (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£287.00 / MWh (SP 39)
Cash Out Price (Min)	£-31.52 / MWh (SP 5)
Peak Demand Yesterday	37,312 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Comissioning
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	700	700	Partial Available - Pole 1 unavailable 700 bothways
ElecLink	0	0	Not Available

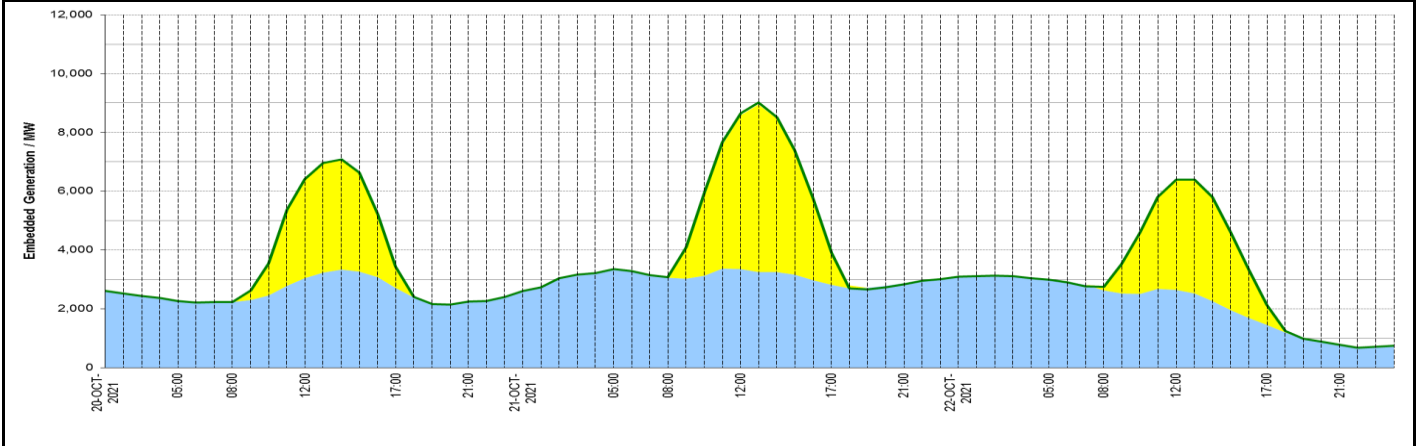


Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

	20-OCT-2021					21-OCT-2021					22-OCT-2021						
	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	3	3360	726	0	0	0	32	5224	1155	0	0	0	133	3716	672	0
Wind (MW)	2267	2222	3046	2708	2240	2616	3343	3051	3356	2811	2860	3083	3009	2635	2651	1449	762
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2267	2225	6406	3434	2240	2616	3344	3082	8658	3900	2832	3087	2987	2748	6394	2130	778



Weather	Source	Commentary
<p>Latest forecast (Summary)</p>	<p>Met Office SEPA Natural Resources Wales</p>	<p>Today: A much colder day with a band of rain across central and south-western parts clearing south-east this morning. Showers then mainly in western and northern areas, and wintry over some northern hills. Windy with gales near North Sea coasts.</p> <p>Tonight: Showers for northern and western areas, whilst eastern and southern areas will have fewer showers and more in the way of clear spells. Remaining breezy.</p>
<p>General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings</p>	<p>Met Office Weather Warnings SEPA Natural Resources Wales</p>	<p>Weather Warnings</p> <p>UK Flood Warnings: 157 Flood Warnings issued in England 0 Flood Warnings issued in Wales 1 Flood Warnings issued in Scotland</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