

**National Electricity
Transmission System Status Report**

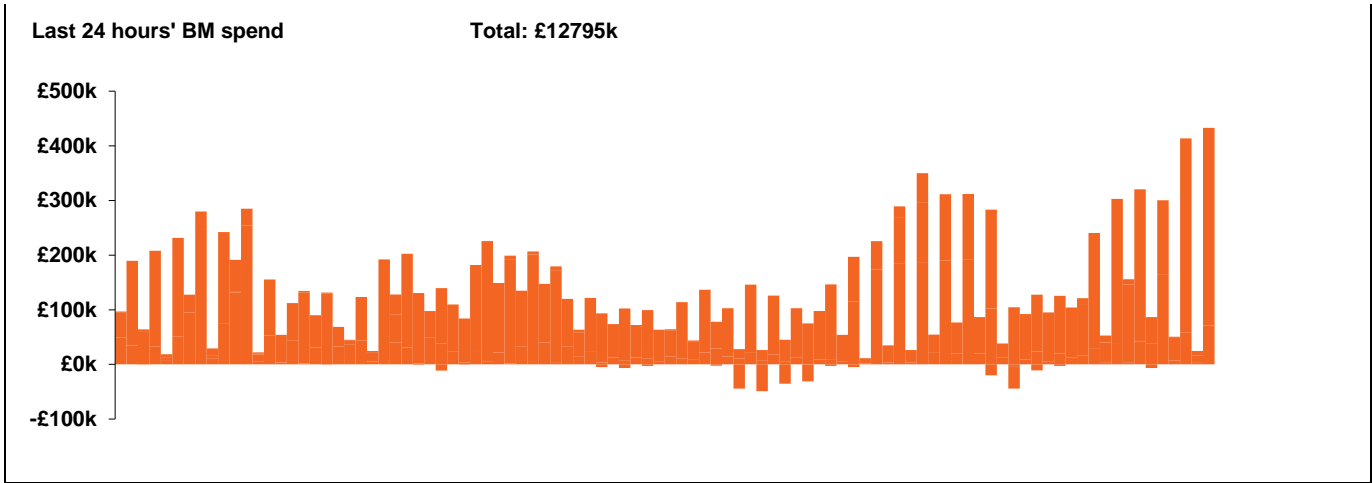


national**grid**ESO

National Electricity Transmission System Status Report
Friday 22 October 2021

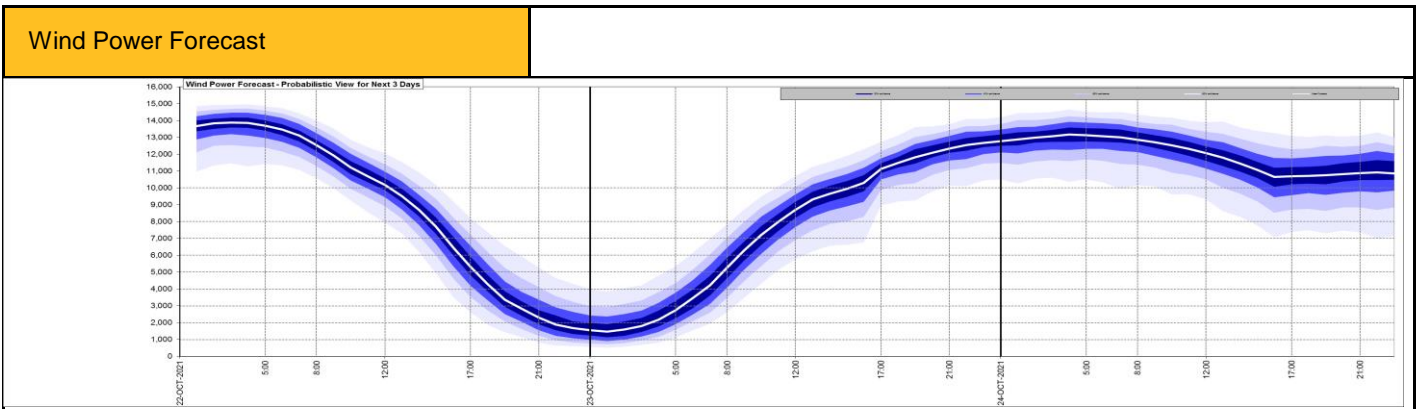
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	4826.90 (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£248.95 / MWh (SP 34,36)
Cash Out Price (Min)	£-13.00 / MWh (SP 6)
Peak Demand Yesterday	38,473 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Bipole 2 Fully Available, Bipole 1 remains out of service
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

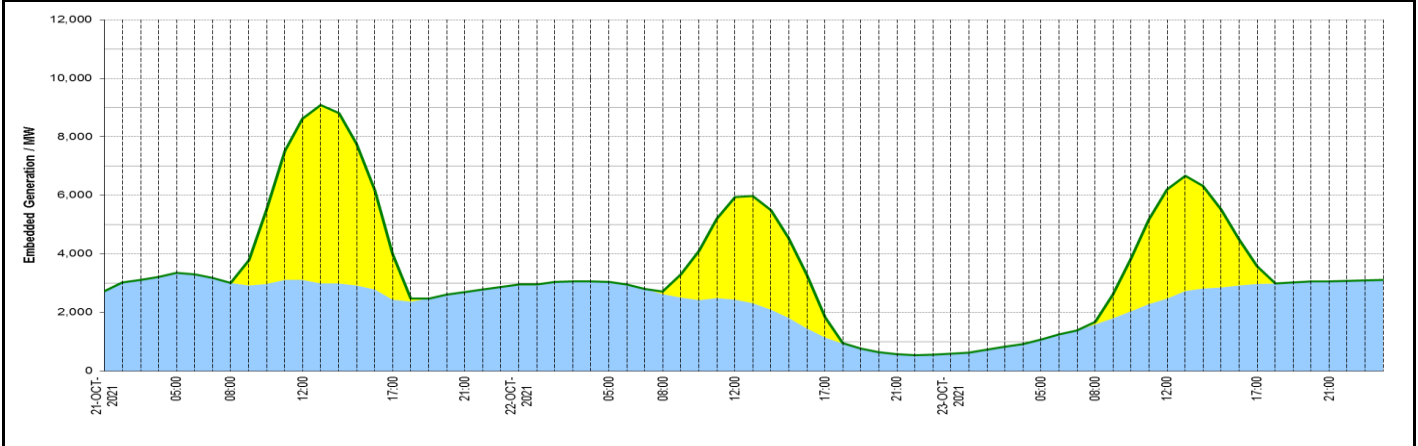


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	21-OCT-2021					22-OCT-2021					23-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	5510	1560	0	0	0	82	3499	694	0	0	0	80	3746	594	0
Wind (MW)	3357	3011	3103	2440	2696	2955	3049	2628	2445	1137	577	584	1081	1595	2463	2974	3067
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3357	3014	8613	4000	2696	2955	3049	2710	5944	1831	577	584	1081	1675	6209	3568	3067



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Breezy with a mix of cloud and sunny intervals, with the best of the sunshine in the far south and also central and northern Scotland. There will also be showers, most of which will be in central and northwestern areas.</p> <p>Tonight: A few light showers in west, else clear spells allowing a frost in the northeast and a few fog patches in the south-east. Cloud and rain into far north-west later.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings</p> <p>UK Flood Warnings: 72 Flood Warnings issued in England 0 Flood Warnings issued in Wales 0 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