

**National Electricity
Transmission System Status Report**

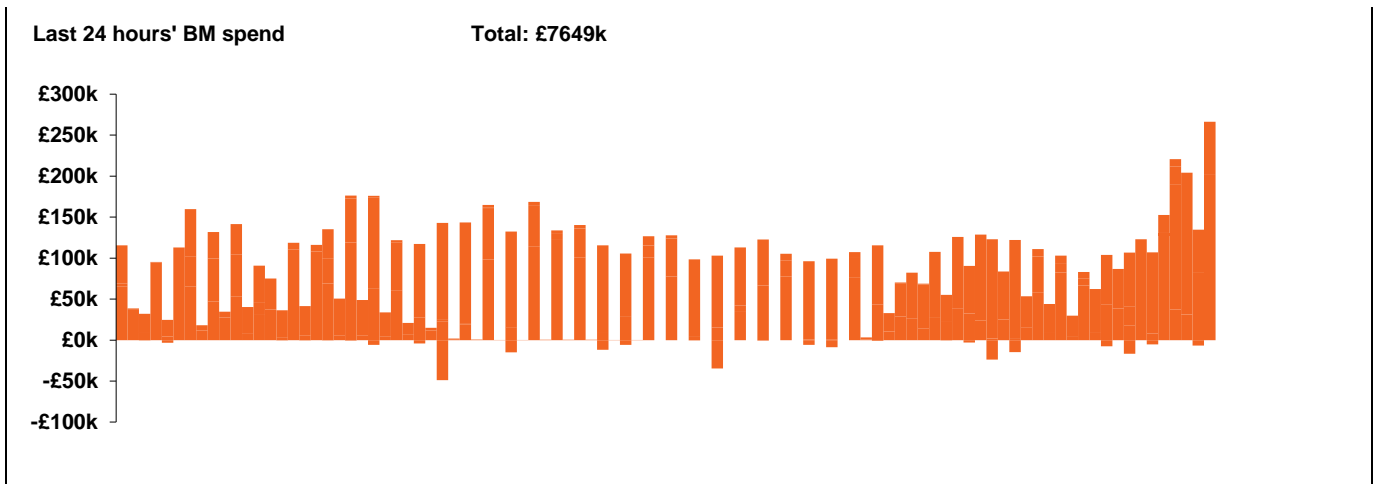


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 20 October 2021

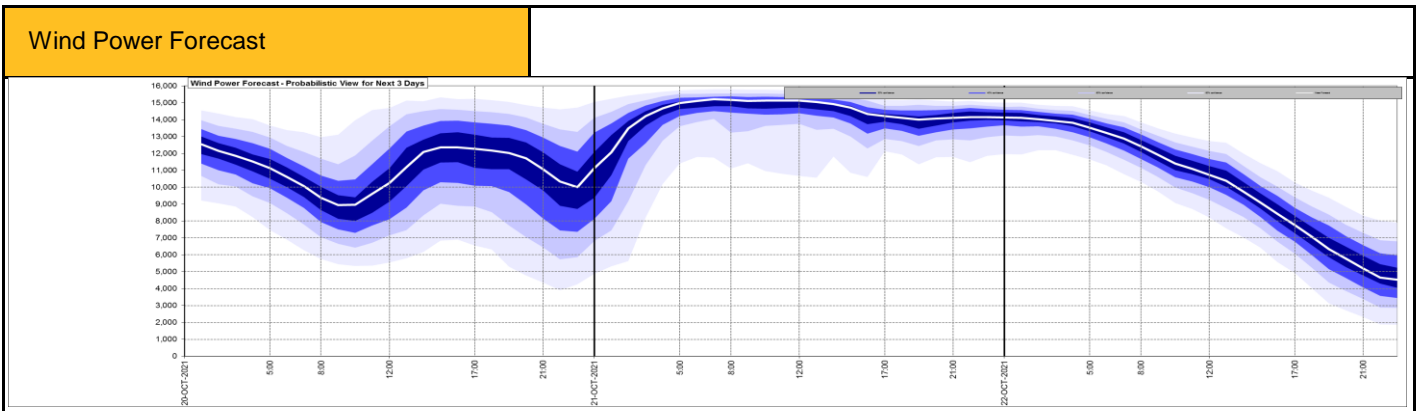
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7809.83 (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£265.00 / MWh (SP 4, 10-12)
Cash Out Price (Min)	£46.00 / MWh (SP 3,46)
Peak Demand Yesterday	36,519 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	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

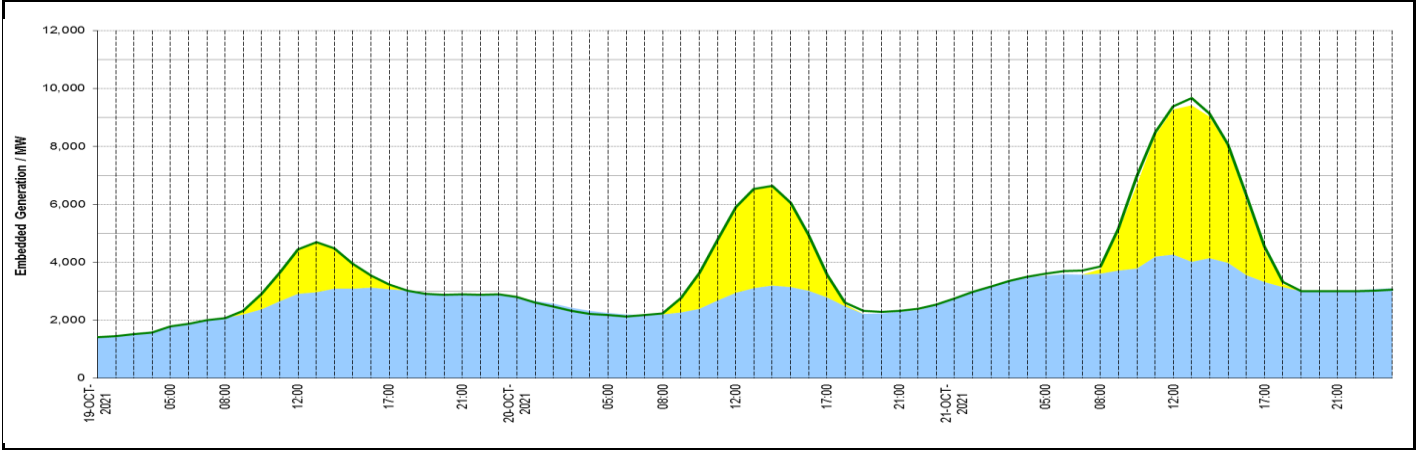


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	19-OCT-2021					20-OCT-2021					21-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	1	1530	148	0	0	0	54	2952	780	0	0	0	161	4997	1105	0
Wind (MW)	1788	2081	2917	3085	2899	2813	2263	2210	2955	2786	2287	2743	3542	3608	4280	3325	3035
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1788	2082	4447	3233	2899	2813	2181	2237	5922	3587	2327	2763	3609	3860	9381	4564	3010



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Windy with rain and showers for many, particularly Wales, southwest and central England where lightning and hail likely, mostly during the morning. Northern Ireland, southern Scotland and far north of England mostly dry. Warm in southeast but cooler in north.</p> <p>Tonight: Heavy rain running east across southern England with coastal gales possible. Much of Wales and central England dry. Windy with rain and showers over Scotland moving south. Turning colder.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>UK Flood Warnings: 12 Flood Warnings issued in England 7 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