

**National Electricity
Transmission System Status Report**

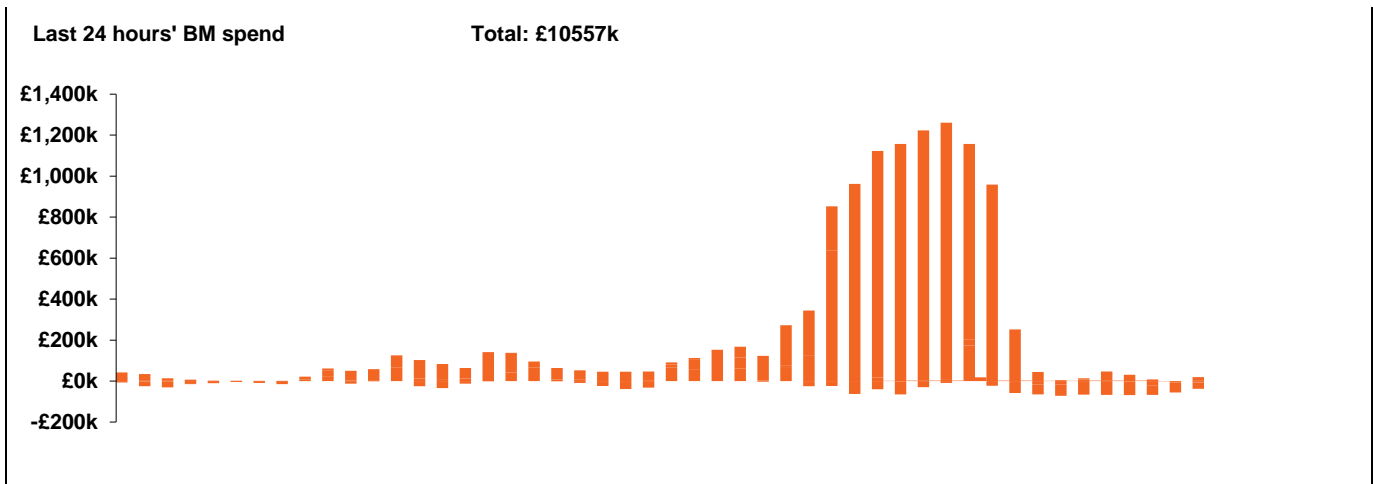


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 13 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			

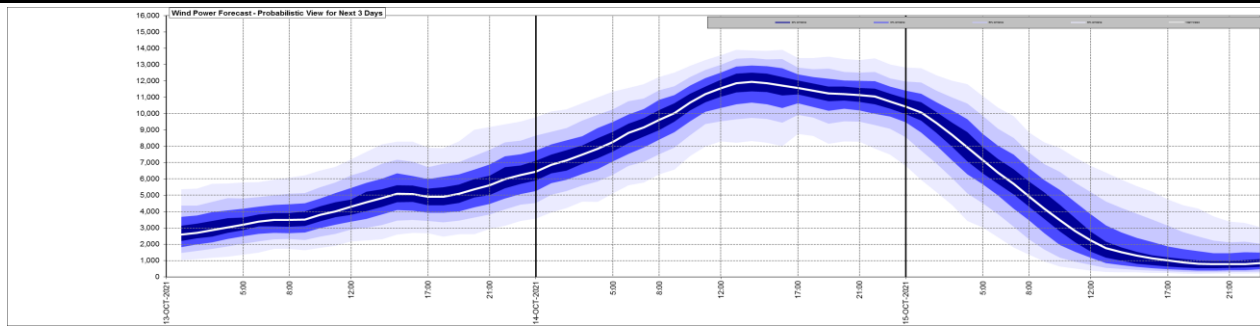
Today's Minimum De-Rated Margin	3800 (SP38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£461.22/MWh (SP38)
Cash Out Price (Min)	£75.00/MWh (SP2, 3, 7.,8, 46)
Peak Demand Yesterday	37,313MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	Not Available
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	1400	1400	Fully Available
ElecLink	0	0	Not Available

Wind Power Forecast

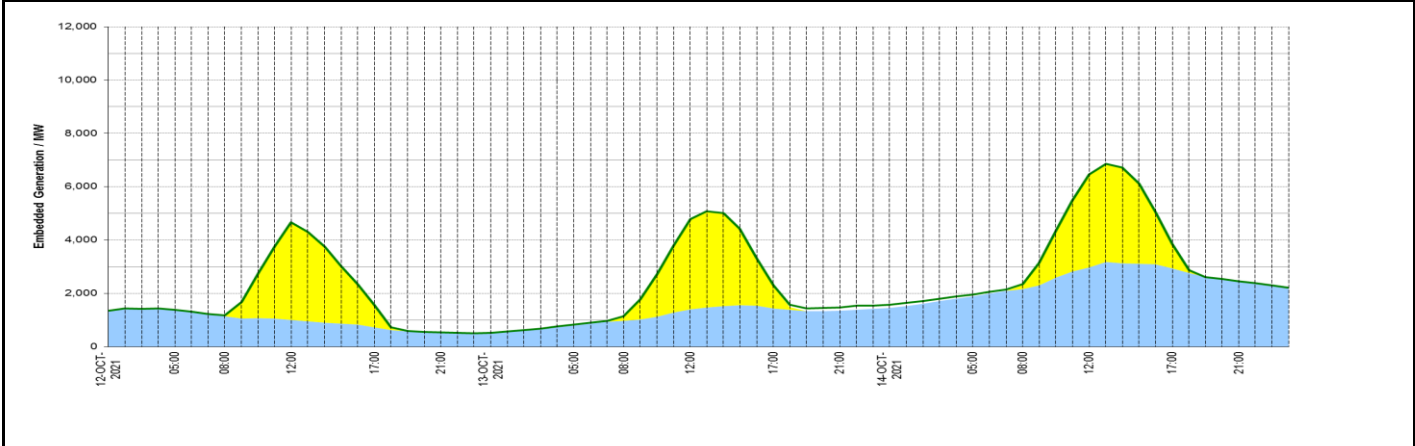


Key:

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

Expected embedded generation (MWs)

	12-OCT-2021					13-OCT-2021					14-OCT-2021						
	0	98	3960	1680	0	0	0	101	2309	606	0	0	0	196	3413	863	0
Solar (MW)	0	44	3650	853	0	0	0	133	3368	811	0	0	0	157	3469	939	0
Wind (MW)	1385	1138	1008	719	534	515	790	972	1402	1434	1341	1458	1884	2157	2967	2936	2476
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	843	994	5745	3719	1531	1478	1209	1430	5866	2683	1135	1125	1088	1160	4204	1473	552



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A fair amount of cloud around today, but also some bright or sunny spells at times, best of the sunshine in the southwest and northeast. Mostly dry for many areas by the afternoon as well. Breezy in the north</p> <p>Tonight: Variable, and often large amounts of cloud with fog patches forming across southern UK. Turning windier across Scotland with rain, heavy at times, developing in the far north 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 - No weather warnings are in force for the UK</p> <p>UK Flood Warnings: 0 Flood Warnings issued in England 0 Flood Warnings issued in Wales 0 Flood Warnings issued in Scotland</p>

Contains public sector information licensed under the Open Government Licence v1.0

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