

**National Electricity
Transmission System Status Report**

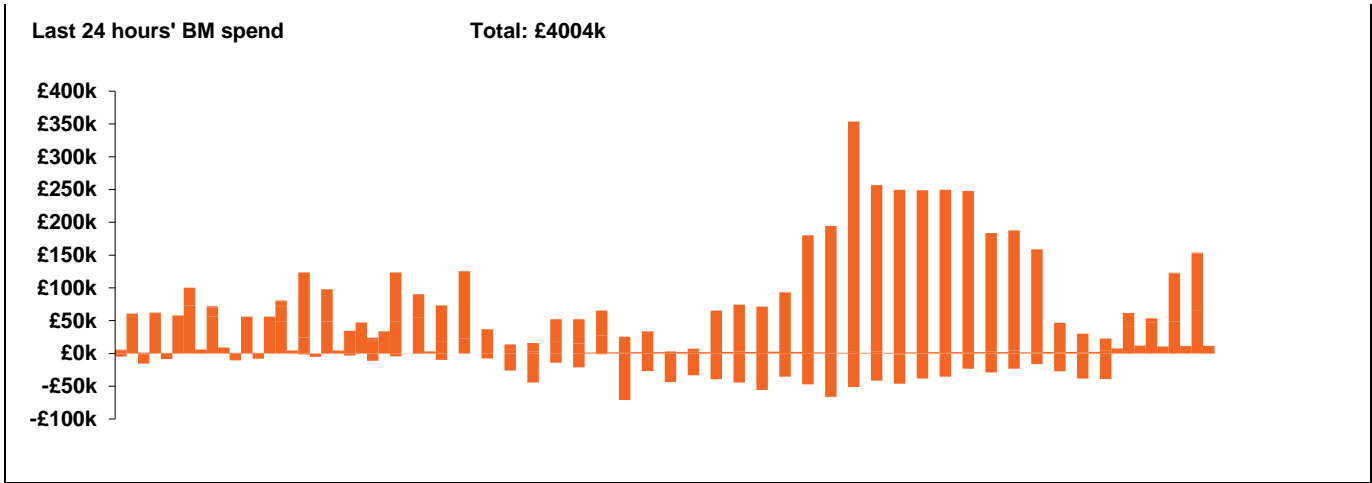


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 16 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			

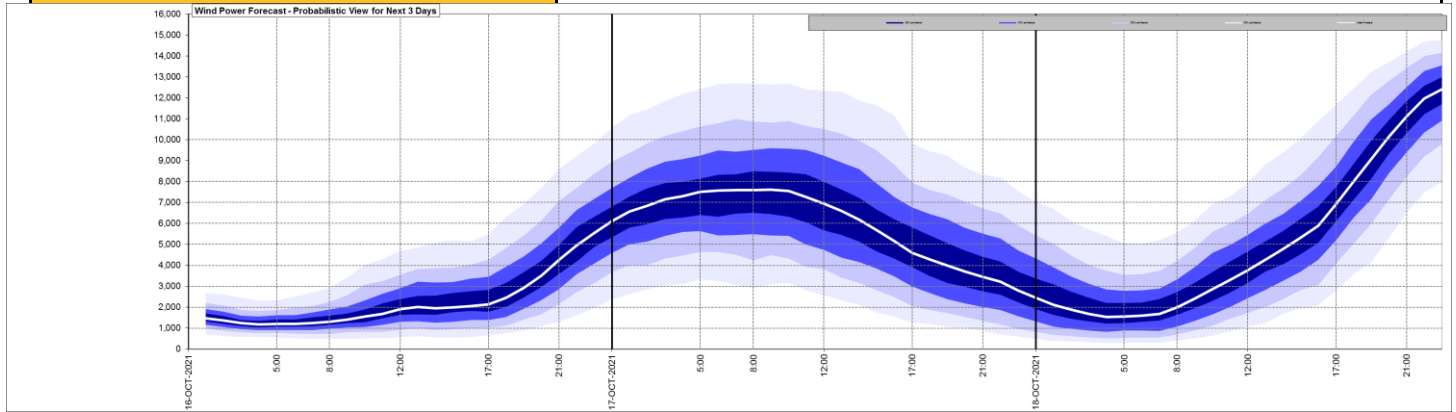
Today's Minimum De-Rated Margin	5106(SP38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£290/MWh (SP16)
Cash Out Price (Min)	£66/MWh (SP 2,3)
Peak Demand Yesterday	37,070 MW

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

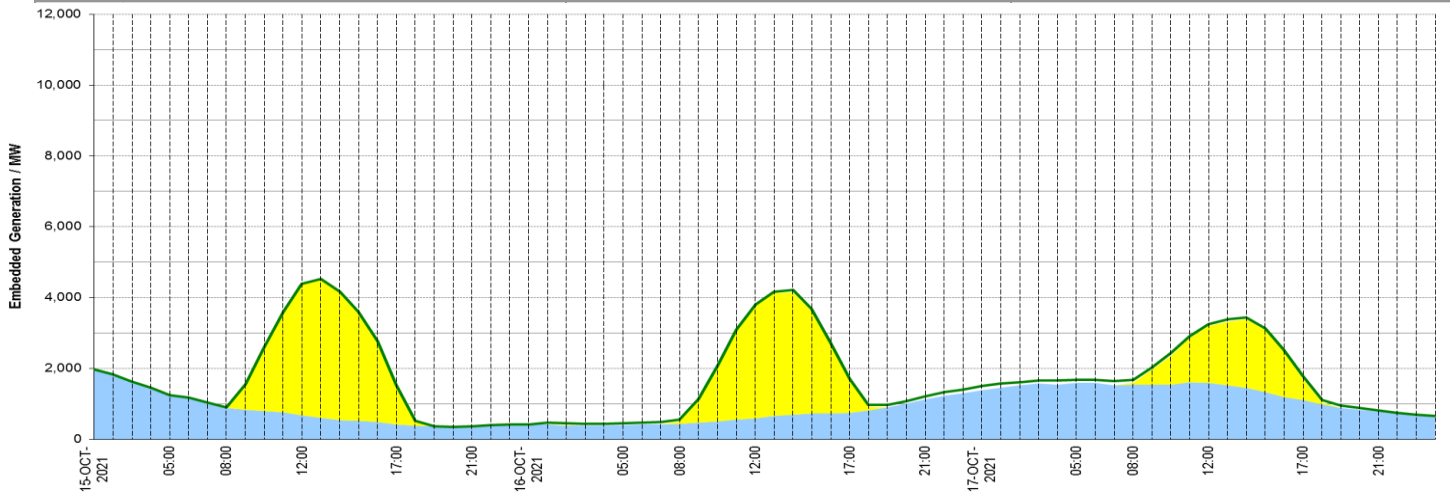
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-OCT-2021					16-OCT-2021					17-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	16	3710	1130	0	1	0	67	3183	894	0	0	0	57	1611	582	0
Wind (MW)	1253	879	680	412	366	420	398	437	589	753	1116	1385	1588	1531	1592	1108	781
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1253	895	4390	1542	366	421	455	559	3797	1692	1207	1497	1682	1669	3255	1774	808



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Fog patches in southwest clearing. Fairly cloudy but dry for most during the day. Rain developing over Northern Ireland and west Scotland later then gradually moving east overnight. Becoming milder.</p> <p>Tonight: Many parts cold and clear with grass frost for central, northern and eastern UK. Patchy low cloud and drizzle southwest moving back north and northeast with a few fog patches. Windy with showers for the Northern Isles</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>

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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