

**National Electricity
Transmission System Status Report**

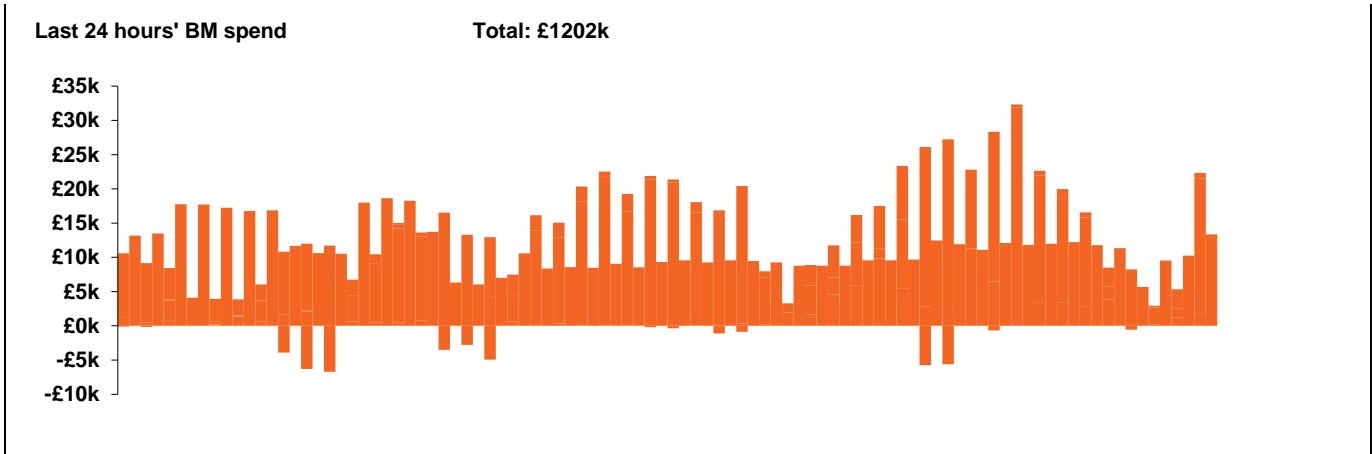


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 16 August 2020

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

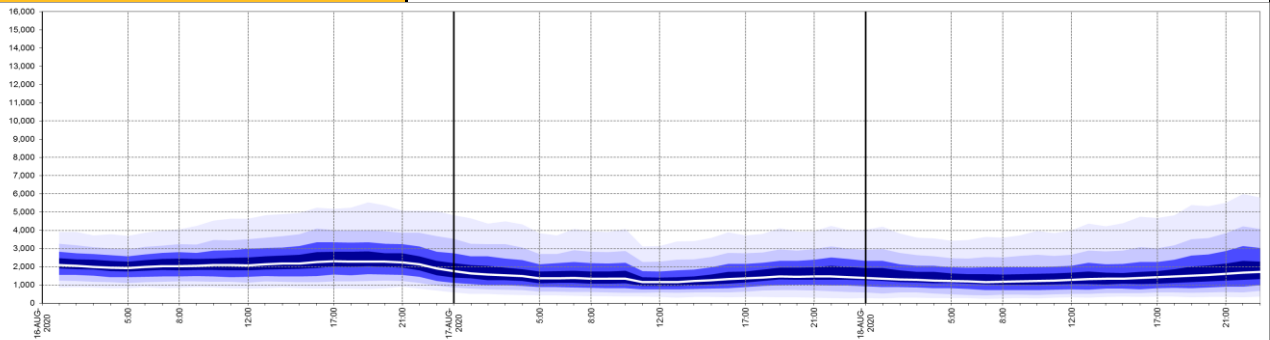
Today's Minimum De-Rated Margin	2416 (SP 37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£66.75 (SP 36, 37 & 39)
Cash Out Price (Min)	£21.50 (SP 15-17)
Peak Demand Yesterday	29,113

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully Available

Wind Power Forecast

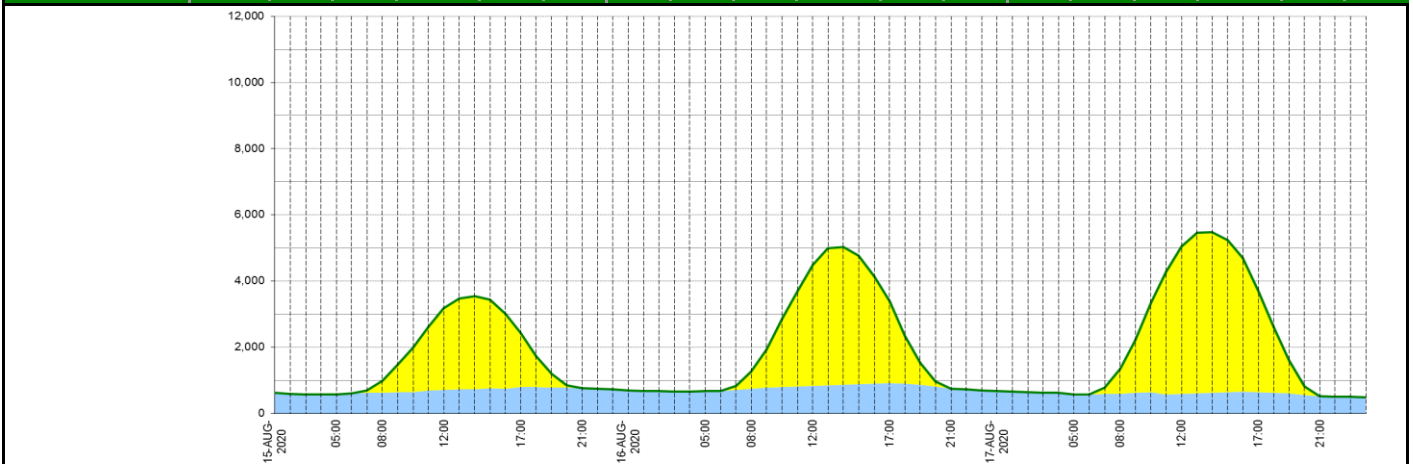


Key:

Expected embedded generation (MWs)

Embedded Generation Forecast

	15-AUG-2020					16-AUG-2020					17-AUG-2020						
	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	369	2460	1650	1	0	0	518	3659	2471	0	0	0	754	4454	3062	0
Wind (MW)	577	625	717	792	765	696	668	736	827	909	751	672	579	593	588	637	526
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	577	994	3177	2442	766	696	668	1254	4486	3380	751	672	579	1347	5042	3699	526



Weather	Source	Commentary
<p>Latest forecast (Summary)</p>	<p>Met Office SEPA Natural Resources Wales</p>	<p>Today: Much of Scotland and Northern Ireland dry; sunny and warm in the west but misty, cloudy and cooler further east. England and Wales, starting mostly cloudy with heavy showery outbreaks. Some brighter spells developing but torrential thundery downpours for some.</p>
		<p>Tonight: Showers and thunderstorms continuing in parts of England and Wales but a few clearer spells allowing patchy fog; mild. Further north mostly fine with clearer skies towards the northwest.</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>UK Weather Warnings</p> <p>Yellow warning of thunderstorms:</p> <p>Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber Started: 00:00 BST on Sun 16 August Ends: 23:59 BST on Sun 16 August Further heavy showers and thunderstorms are expected at times and may lead to some flooding and travel disruption.</p> <p>Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber Starts: 00:00 BST on Mon 17 August Ends: 21:00 BST on Mon 17 August Further heavy showers and thunderstorms are expected at times and may lead to some flooding or travel disruption.</p> <p>UK Flood Warnings:</p> <p>One flood warning currently in force for England</p> <p>No flood warnings are currently in force for Scotland</p> <p>No flood warnings are currently in force for Wales</p>
Further Information		
<p>BM Reports</p>	<p>https://www.bmreports.com</p>	
<p>System Balancing Reports</p>	<p>https://www.nationalgrideso.com/balancing-data/system-balancing-reports</p>	
<p>Forecast Volumes and Costs</p>	<p>https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</p>	
<p>NGESO Insights</p>	<p>https://www.nationalgrideso.com/insights</p>	