

**National Electricity
Transmission System Status Report**

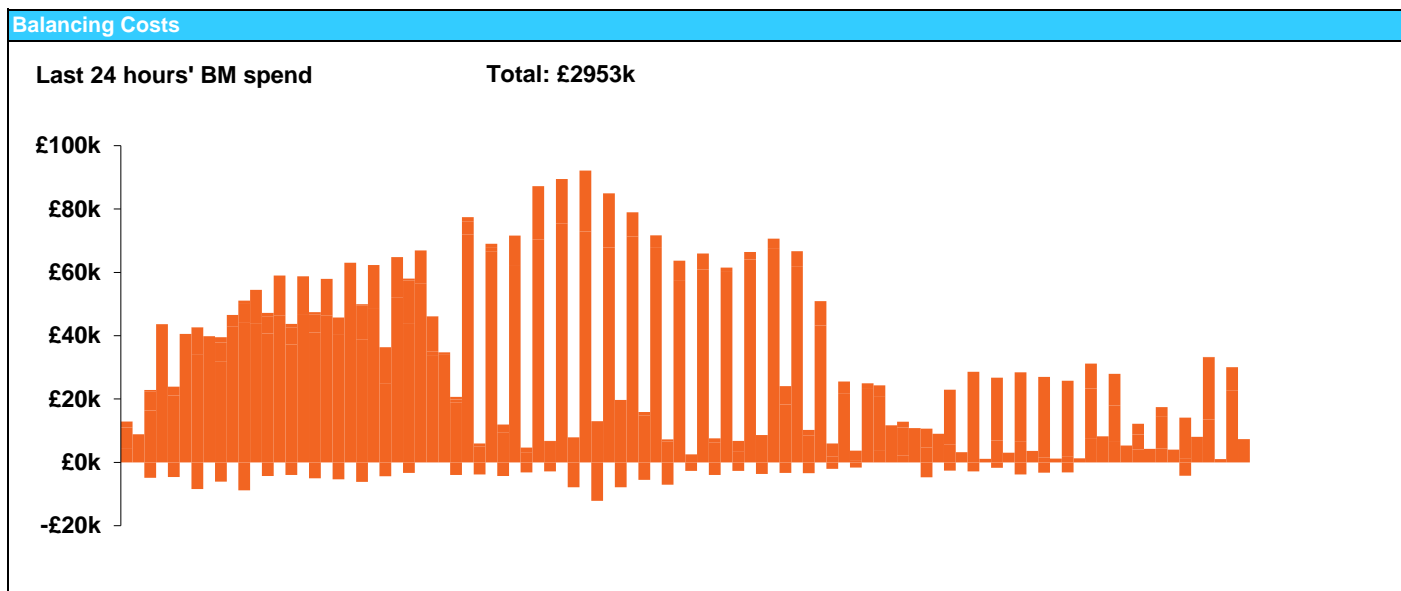


national**grid**ESO

National Electricity Transmission System Status Report
Friday 16 August 2019

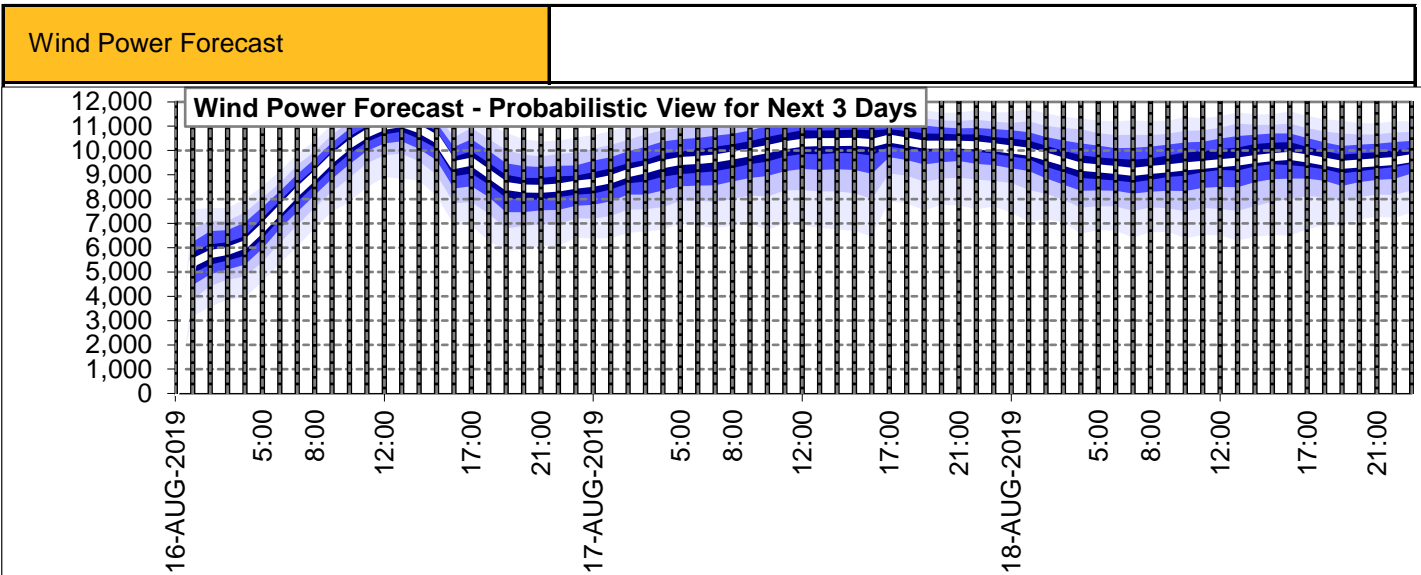
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	12440 MW (SP37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



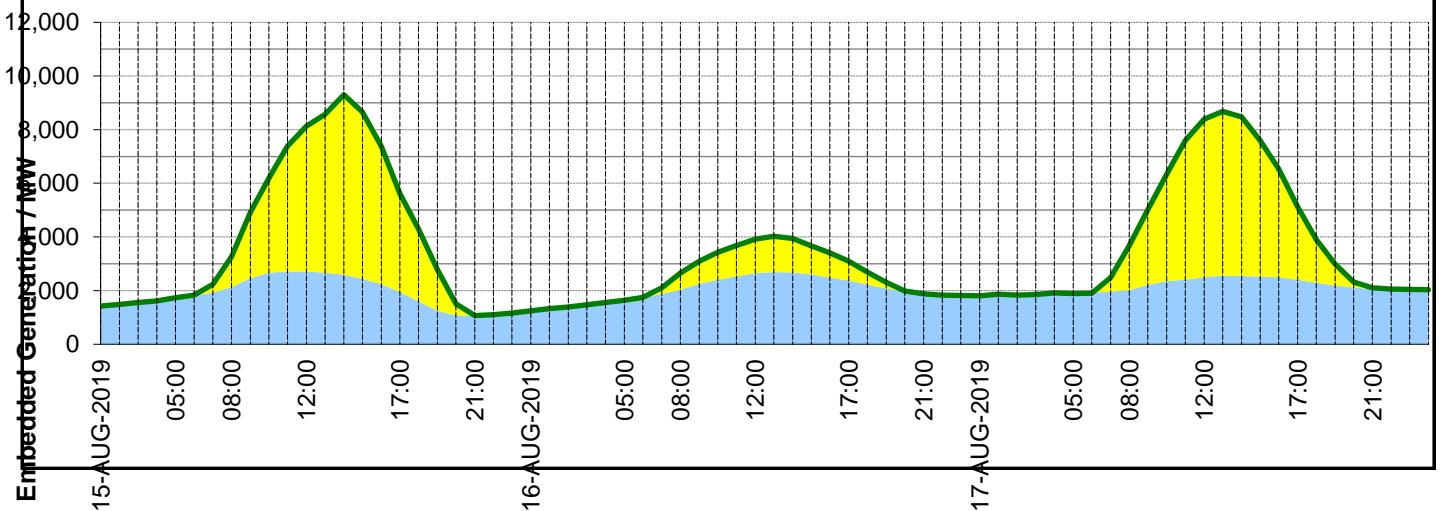
Yesterday's Market Summary	
Cash out price (Max)	£57.75/MWh (SP42)
Cash Out Price (Min)	£9.53/MWh (SP7)
Peak Demand Yesterday	31,125 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Embedded Generation Forecast

	15-AUG-2019					16-AUG-2019					17-AUG-2019						
	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	1140	5420	3660	2	0	0	623	1278	699	0	0	0	1655	5867	2667	0
Wind (MW)	1739	2126	2709	1949	1066	1242	1625	2038	2656	2382	1862	1814	1911	2023	2501	2403	2061
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1739	3266	8129	5609	1068	1242	1638	2656	3914	3091	1876	1810	1887	3685	8397	5123	2099



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Rain in the northwest will move southeastwards, to be focused across England and Wales this afternoon. It will be often heavy and accompanied by strong winds. Northern Ireland and Scotland will become brighter, but with some heavy showers possible.</p> <p>Tonight: There will be further showers in the northwest, with the risk of thunder. Rain will clear central and southern areas overnight, but there will be scattered showers in the west.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warning of rain</p> <p>Areas affected: East Midlands London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>Starts: 08:00 BST on Fri 16 August</p> <p>Ends: 22:00 BST on Fri 16 August Heavy rain may lead to some travel disruption.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer - Flooding of a few homes and businesses is possible <p>Flood Warnings: There are no flood warnings currently.</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