

**National Electricity
Transmission System Status Report**



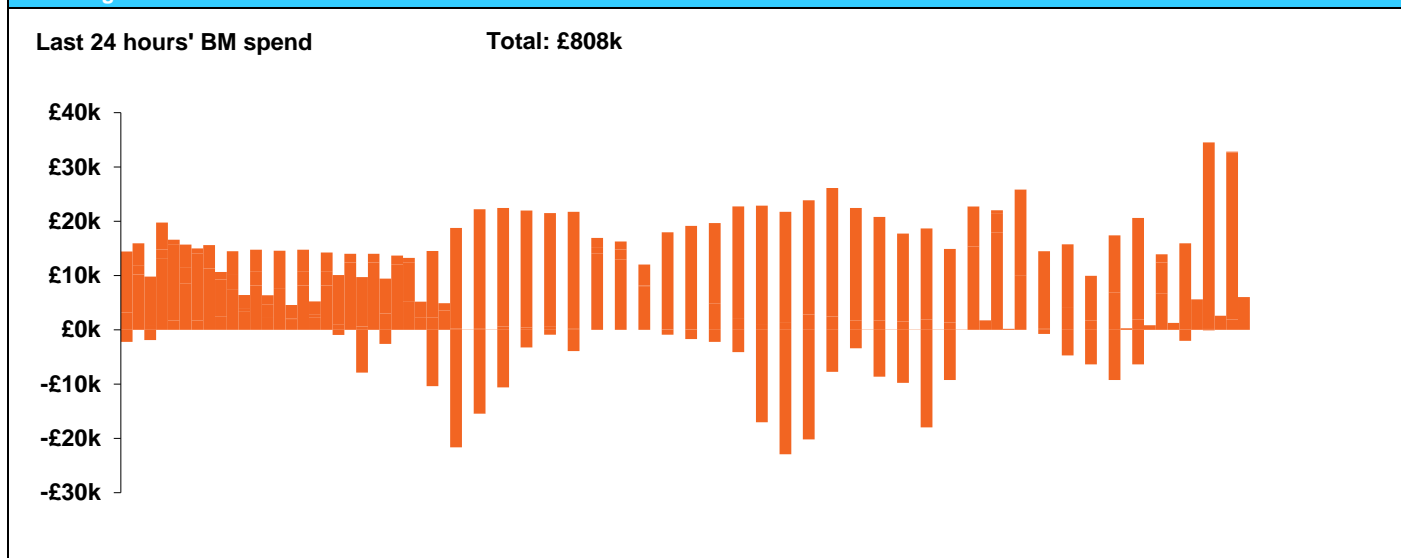
national**grid**ESO

National Electricity Transmission System Status Report
Thursday 15 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	8384 MW (SP39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

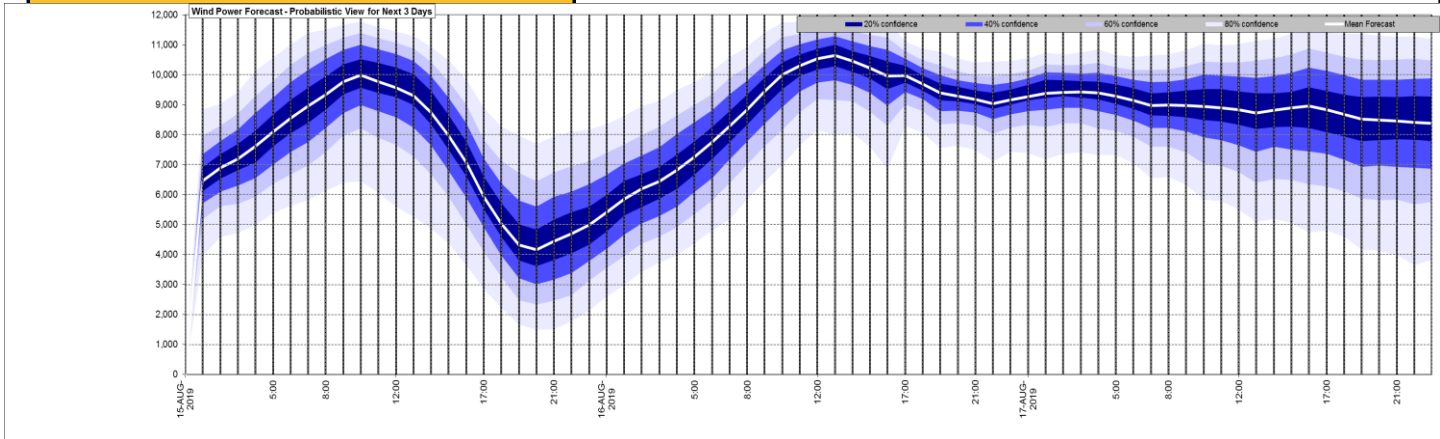
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£64.00/MWh (SP21,22)
Cash Out Price (Min)	£27.25/MWh (SP15)
Peak Demand Yesterday	33,917 MW

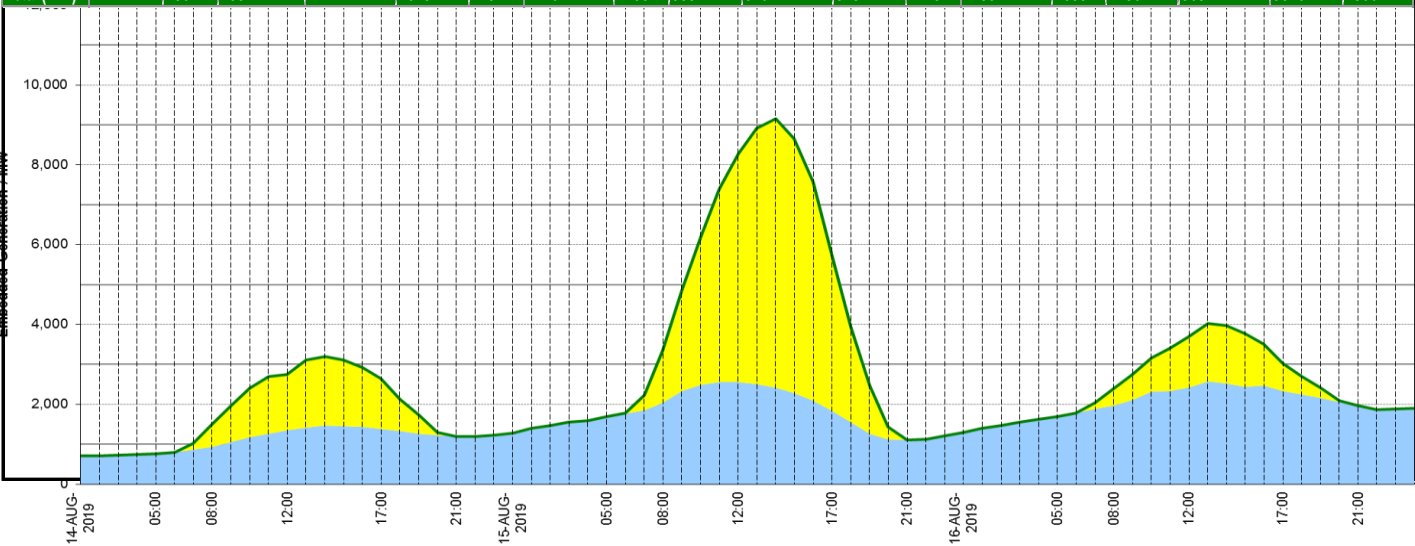
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast																	
	14-AUG-2019					15-AUG-2019					16-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)	1	559	1390	1270	1	0	0	1314	5720	3869	0	0	0	444	1278	686	0
Wind (MW)	755	942	1351	1379	1191	1276	1700	2043	2562	1838	1110	1295	1695	1962	2413	2330	1966
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	756	1501	2741	2649	1192	1276	1700	3357	8282	5707	1110	1295	1695	2406	3691	3016	1966



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Early showers in the west will transfer eastwards, with some heavy bursts. Many areas will then see increasing sunshine. There will be further showery rain in parts of the northwest but the wind will ease from the west</p> <p>Tonight: Central, southern and eastern areas will be dry, with clear spells. Winds will increase in the west and northwest, with occasionally heavy rain moving eastwards.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No weather warnings are in force for the UK</p> <p>Flood Warnings: There are no flood warnings currently.</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