

**National Electricity
Transmission System Status Report**



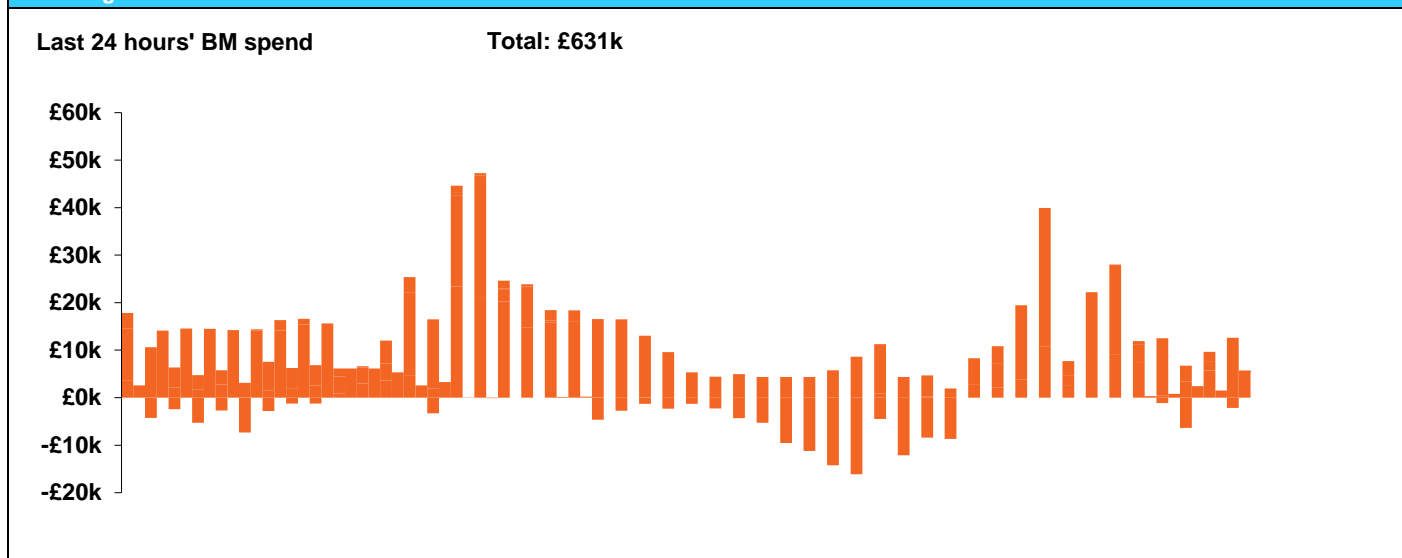
national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 14 August 2019

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

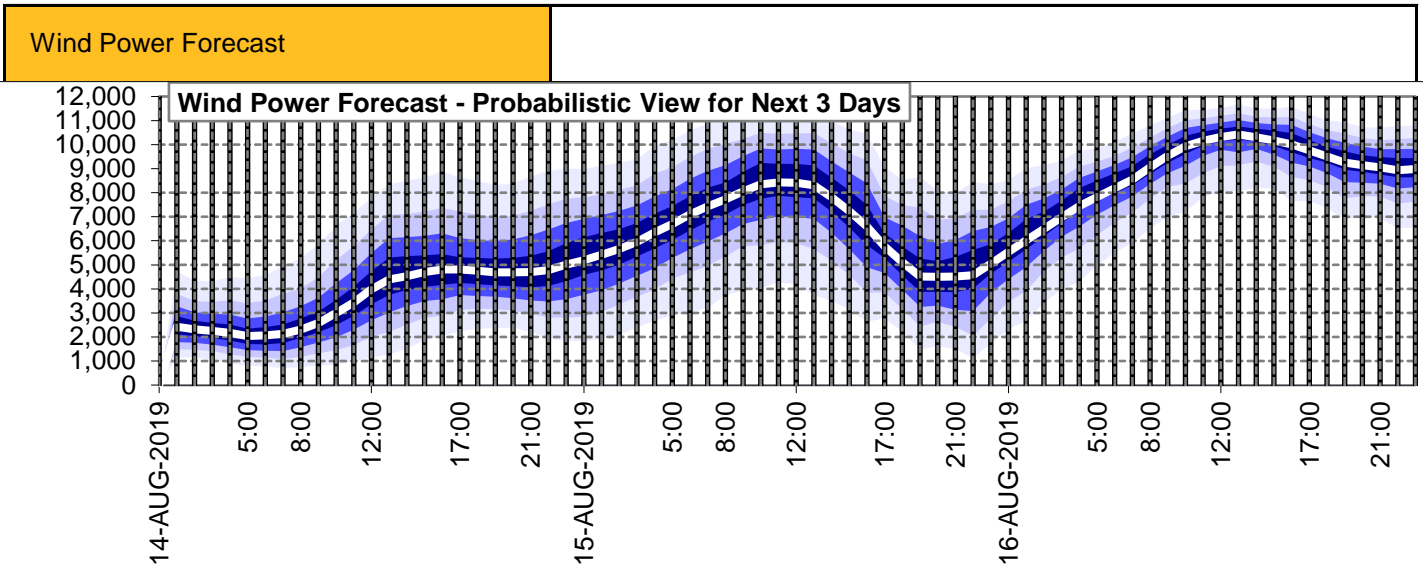
Today's Minimum De-Rated Margin	4376 MW (SP20)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



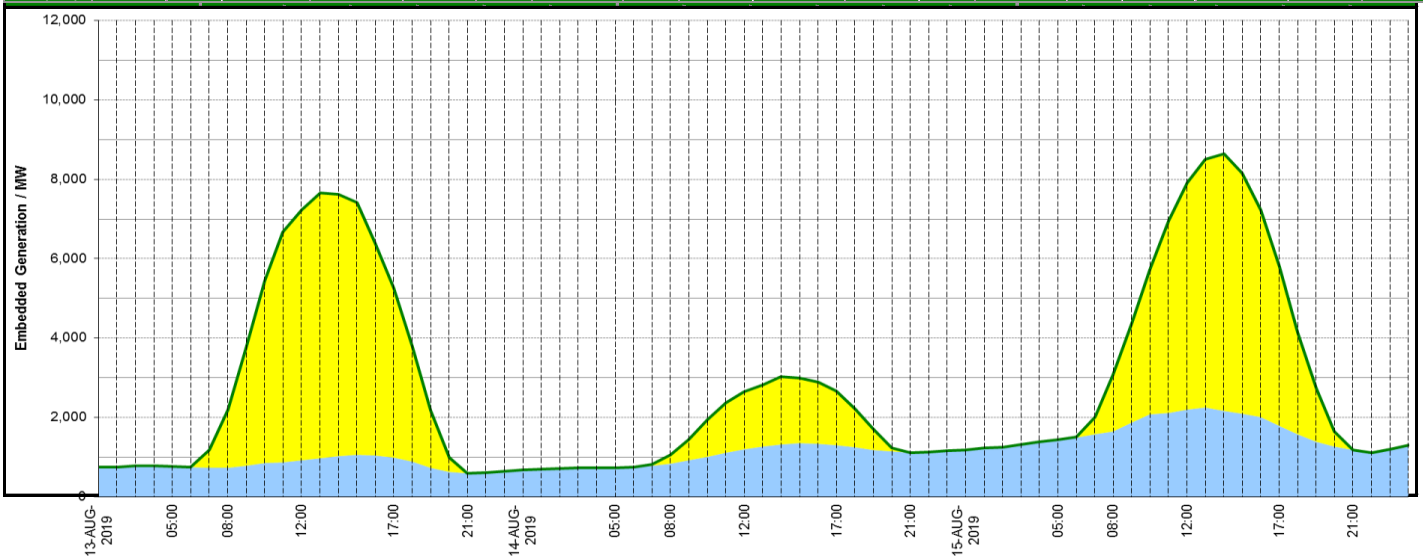
Yesterday's Market Summary	
Cash out price (Max)	£81.00/MWh (SP40)
Cash Out Price (Min)	£25.38/MWh (SP4)
Peak Demand Yesterday	32,028 MW

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

	13-AUG-2019					14-AUG-2019					15-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	1470	6300	4260	2	0	0	231	1453	1358	0	0	0	1429	5718	4011	0
Wind (MW)	757	735	918	993	591	674	724	831	1190	1301	1119	1188	1433	1651	2193	1777	1184
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	758	2205	7218	5253	593	674	724	1062	2643	2659	1119	1188	1433	3080	7911	5788	1184



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Rain will spread east, turning heavy at times in the south. Rain will gradually clear from the west this afternoon, with some brighter spells possible. However, this could trigger thundery downpours, particularly in the Midlands, eastern England and Northern Ireland..</p> <p>Tonight: Thundery showers will ease away this evening. Heavy rain in Scotland this evening will gradually clear away tonight. Elsewhere, many places will stay dry, although the odd shower is possible..</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of thunderstorms</p> <p>Areas affected: East Midlands East of England London & South East England South West England West Midlands</p> <p>Starts: 14:00 BST on Wed 14 August</p> <p>Ends: 22:00 BST on Wed 14 August Heavy showers and thunderstorms may cause some flooding and transport disruption</p> <ul style="list-style-type: none"> - Spray and sudden flooding could lead to difficult driving conditions and possible road closures - Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost - There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes or hail <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