

**National Electricity
Transmission System Status Report**



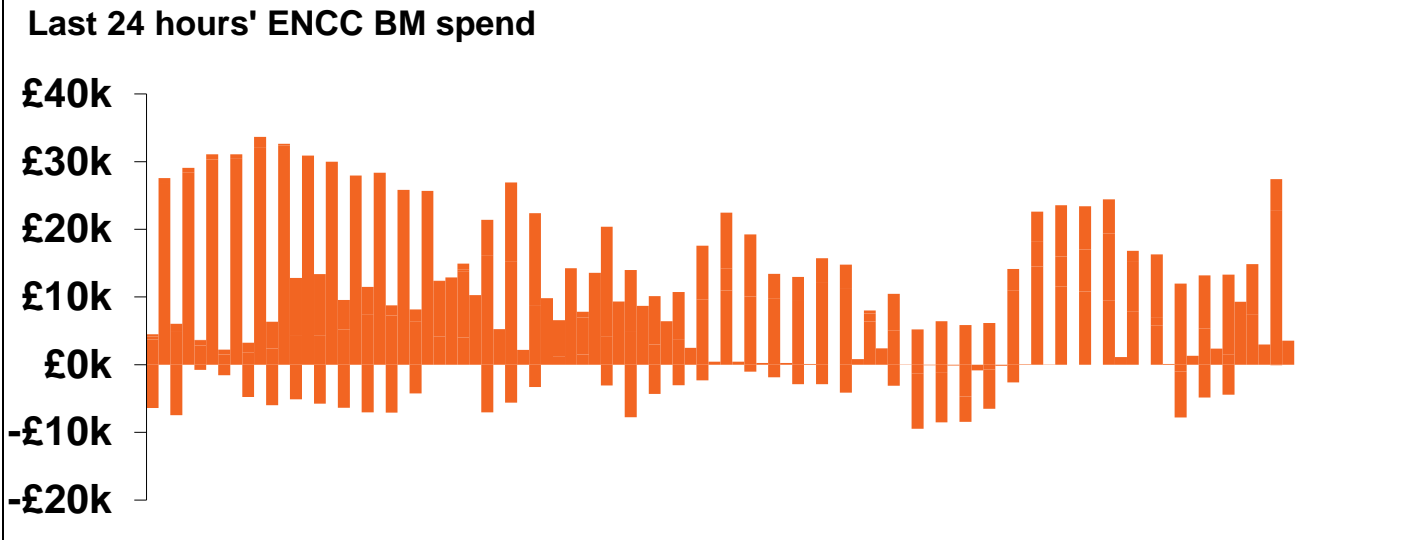
national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 20 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			

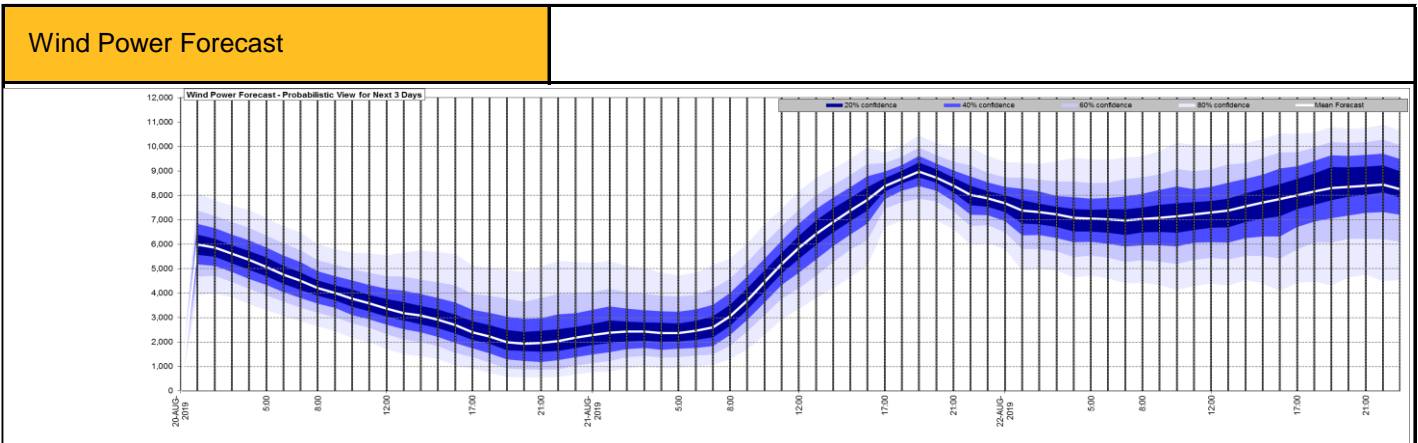
Today's Minimum De-Rated Margin	5707.62 MW (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£59.00/MWh (SP 18)
Cash Out Price (Min)	£5.00MWh (SP 35)
Peak Demand Yesterday	30849

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.



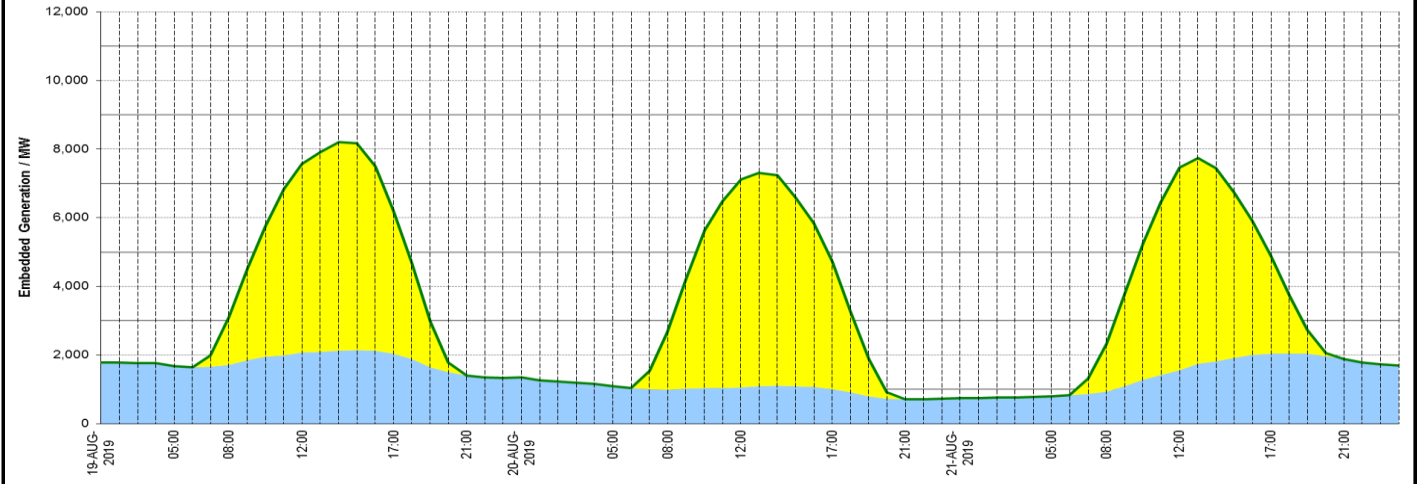
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	19-AUG-2019					20-AUG-2019					21-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	1390	5490	4170	4	0	0	1697	6065	3707	0	0	0	1385	5905	2855	0
Wind (MW)	1677	1715	2079	2044	1393	1344	1094	980	1057	1002	713	747	796	941	1563	2033	1880
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1677	3105	7569	6214	1397	1344	1094	2677	7122	4709	713	747	796	2326	7468	4888	1880



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Scattered showers, some heavy, across western Scotland, northern and western England will move eastwards, with perhaps some thunder across northeast England and eastern Scotland. Further showers will arrive in Northern Ireland, with sunny spells elsewhere.</p> <p>Tonight: Showers will ease in the northeast, giving a dry night for most. A few showers will feed into western Scotland, northwest England, Wales and southwest England though.</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>No weather warnings are in force for the UK</p> <p>Flood Warnings: Flood alert Areas affected: Upper River Derwent, Stonethwaite Beck and Derwent Water</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