

**National Electricity
Transmission System Status Report**

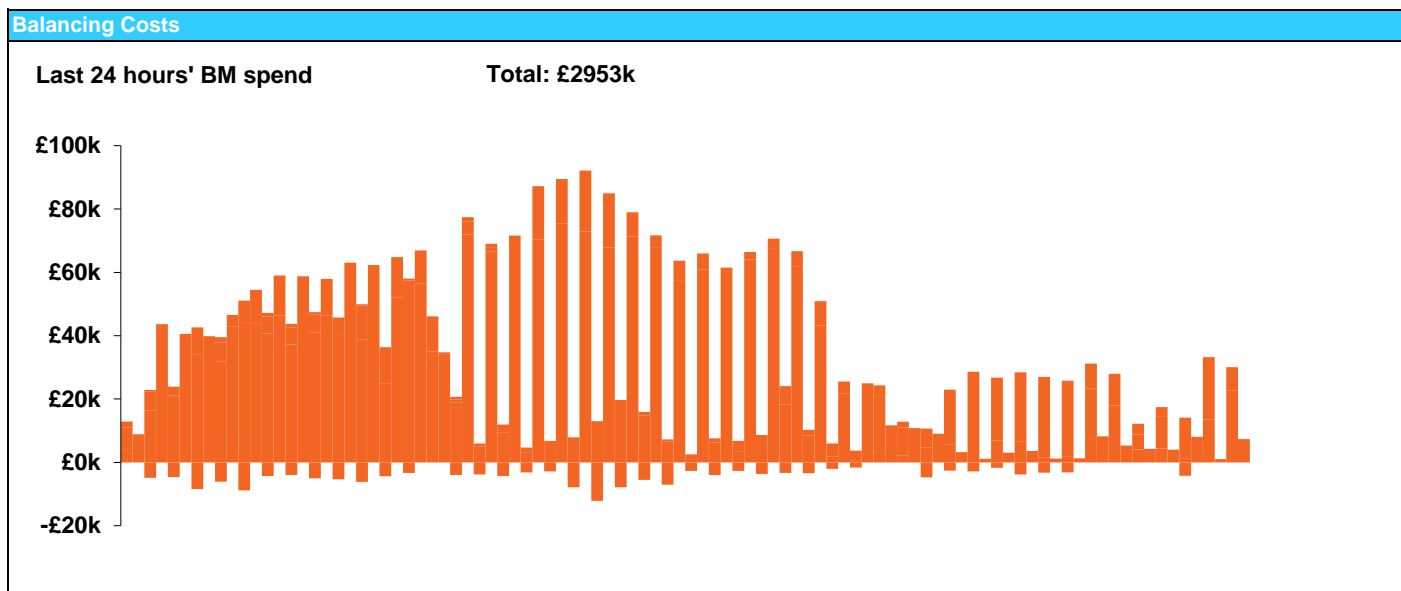


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 18 August 2019

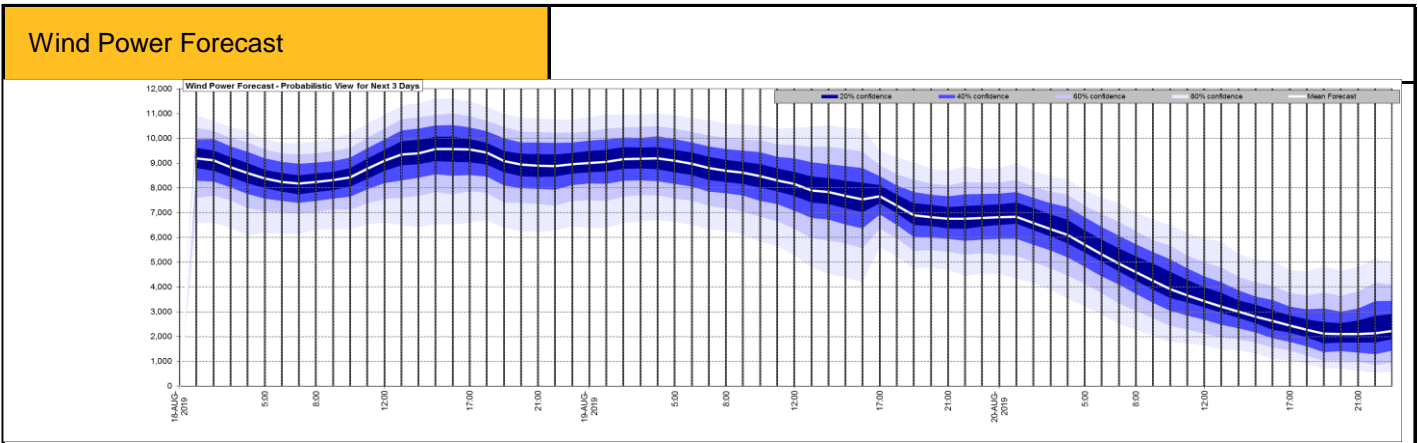
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	12679.02 MW (SP43)	
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.



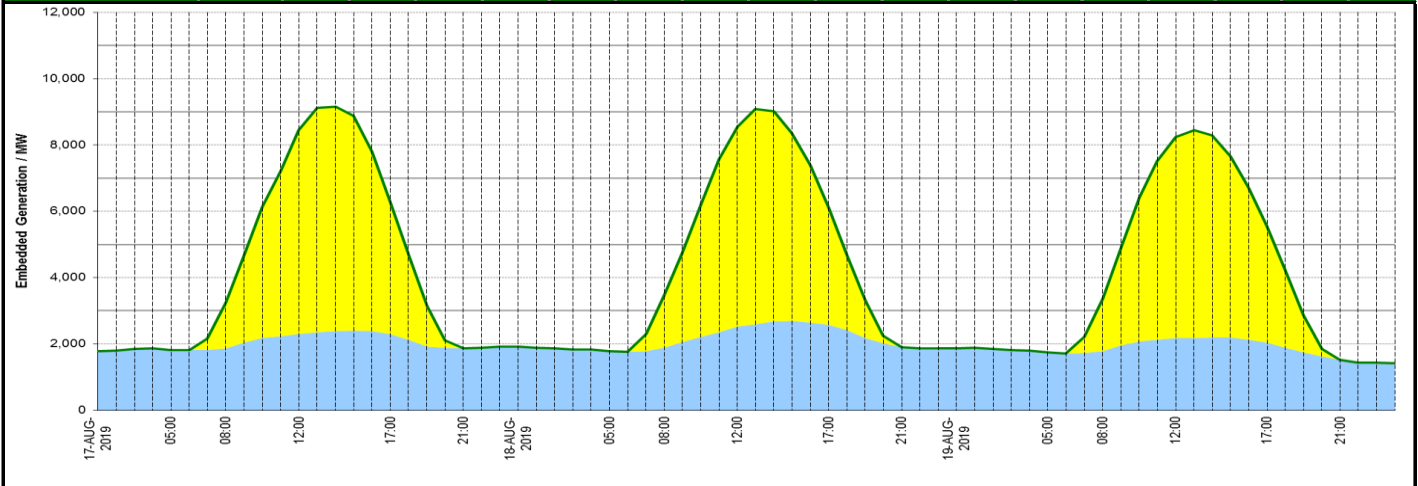
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	17-AUG-2019					18-AUG-2019					19-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	6140	4010	4	0	0	1569	6037	3515	0	0	0	1583	6070	3510	0
Wind (MW)	1822	1860	2307	2300	1859	1921	1781	1885	2517	2575	1904	1863	1747	1789	2172	2032	1528
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1822	3250	8447	6310	1863	1921	1781	3454	8554	6090	1904	1863	1747	3372	8242	5542	1528



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Rain across southeast England soon clearing this morning. A day of sunshine and scattered showers for most. Showers most frequent in the north and west, some heavy with a risk of thunder. A brisk breeze, particularly in the north.</p> <p>Tonight: Staying breezy with further showers, some heavy, in the north and west. Dry for most across central and eastern areas, with clear spells.</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:</p> <p>Flood warning Keswick Campsite</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