

**National Electricity
Transmission System Status Report**

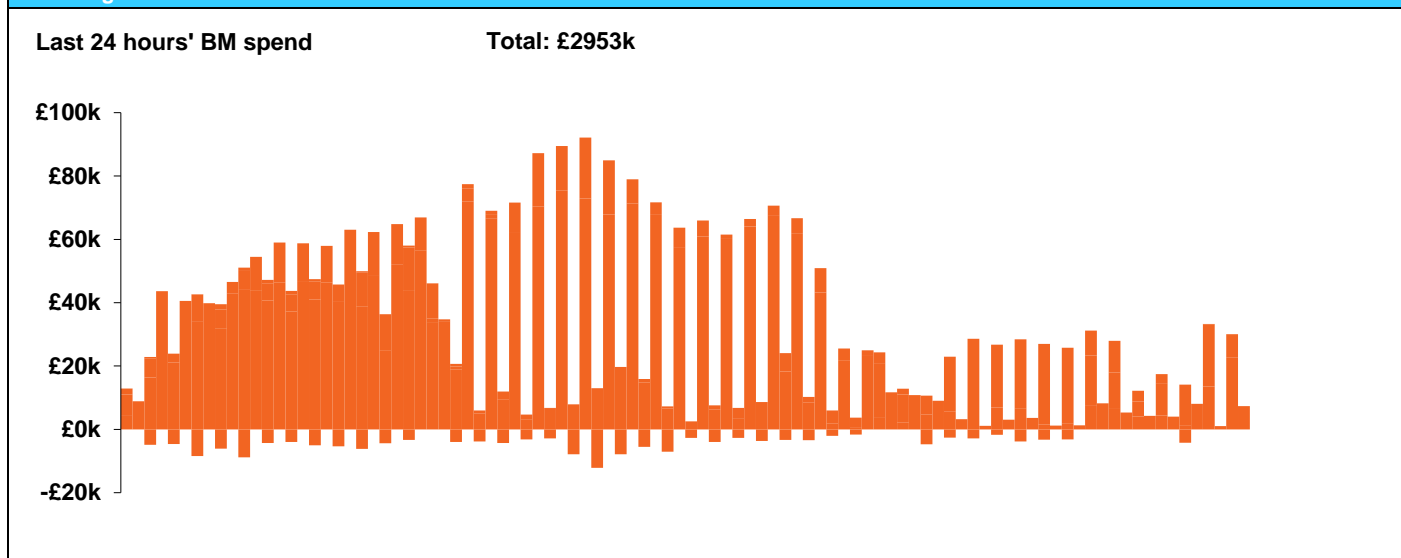


**National Electricity Transmission System Status Report
Monday 19 August 2019**

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

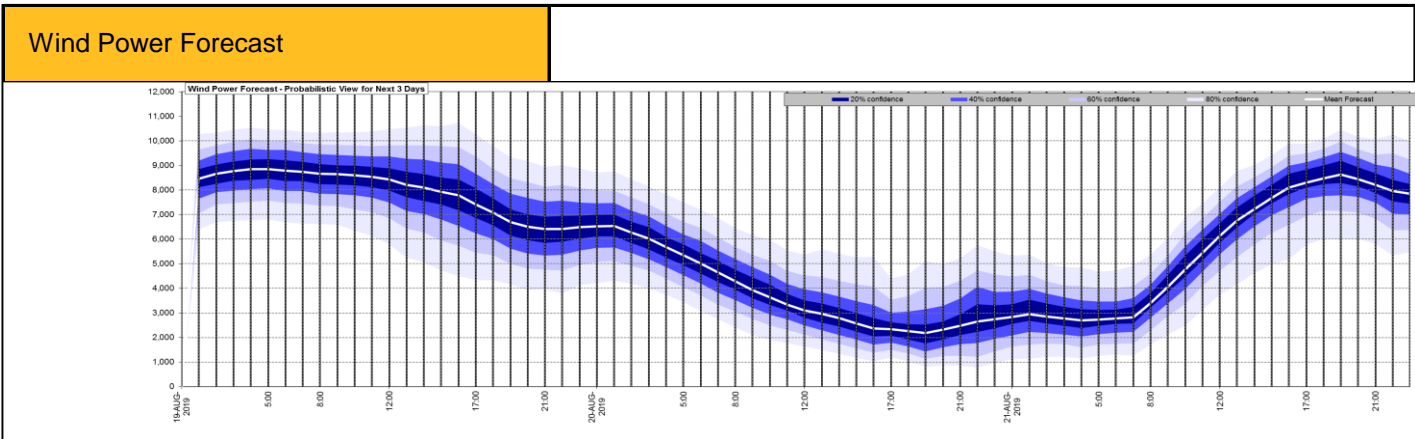
Today's Minimum De-Rated Margin	7806.63 MW (SP 43)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



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)	0	0	Planned Outage
Northern Ireland (MOYLE)	395	500	Partially available.



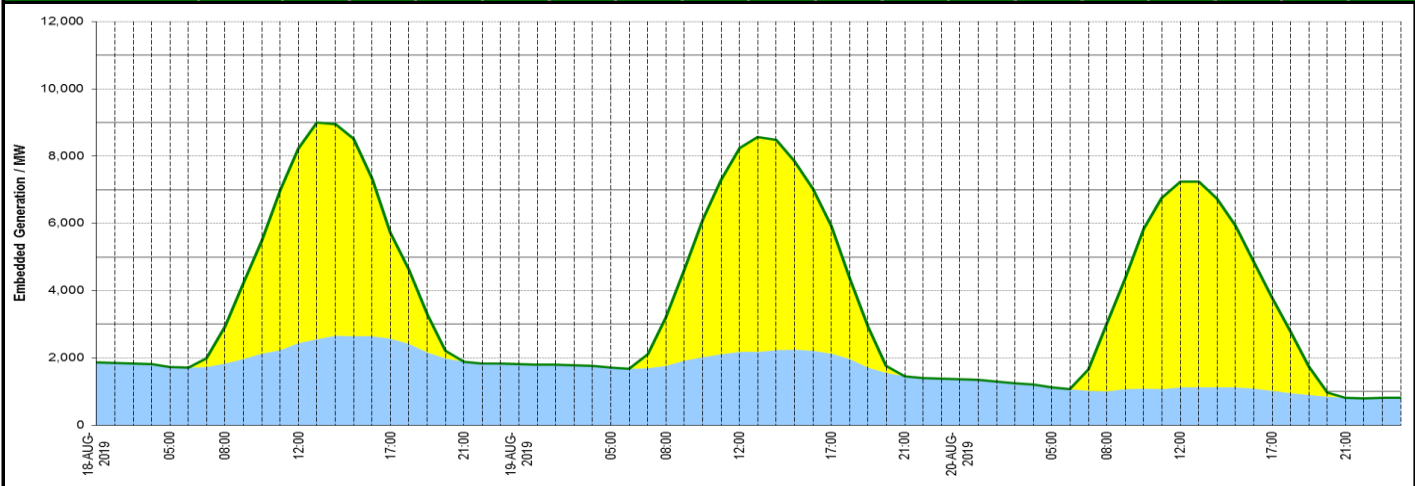
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	18-AUG-2019					19-AUG-2019					20-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	1120	5790	3170	3	0	0	1434	6065	3783	0	0	0	2037	6123	2759	0
Wind (MW)	1734	1826	2430	2573	1883	1821	1709	1767	2180	2121	1454	1368	1131	1008	1117	1026	822
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1734	2946	8220	5743	1886	1821	1709	3201	8245	5904	1454	1368	1131	3045	7240	3785	822



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today A breezy day with sunny spells and scattered showers, these heavy and possibly thundery in places, particularly across the south and southeast during the afternoon. Driest across eastern Scotland and northeast England with only isolated showers here.</p> <p>Tonight: Showers dying away for most, although some lingering near northern and western coasts. Parts of Northern Ireland, southern Scotland and far northwestern England may also keep showers throughout the night.</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, River Trent in Derbyshire</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