

**National Electricity
Transmission System Status Report**

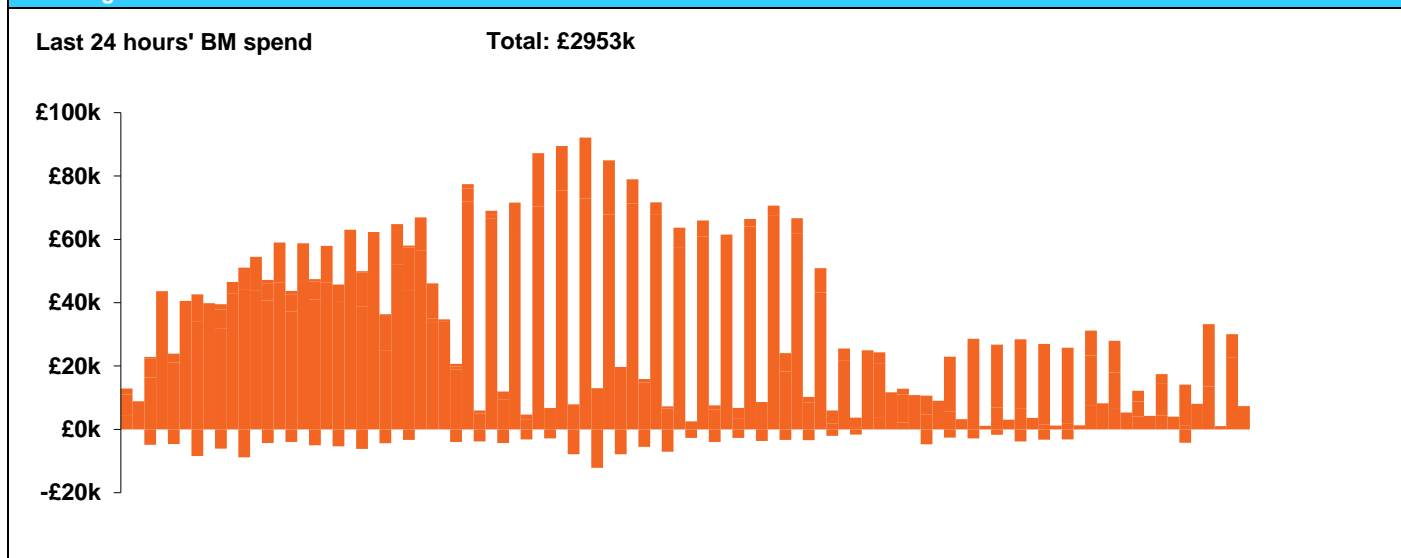


National Electricity Transmission System Status Report
Saturday 17 August 2019

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

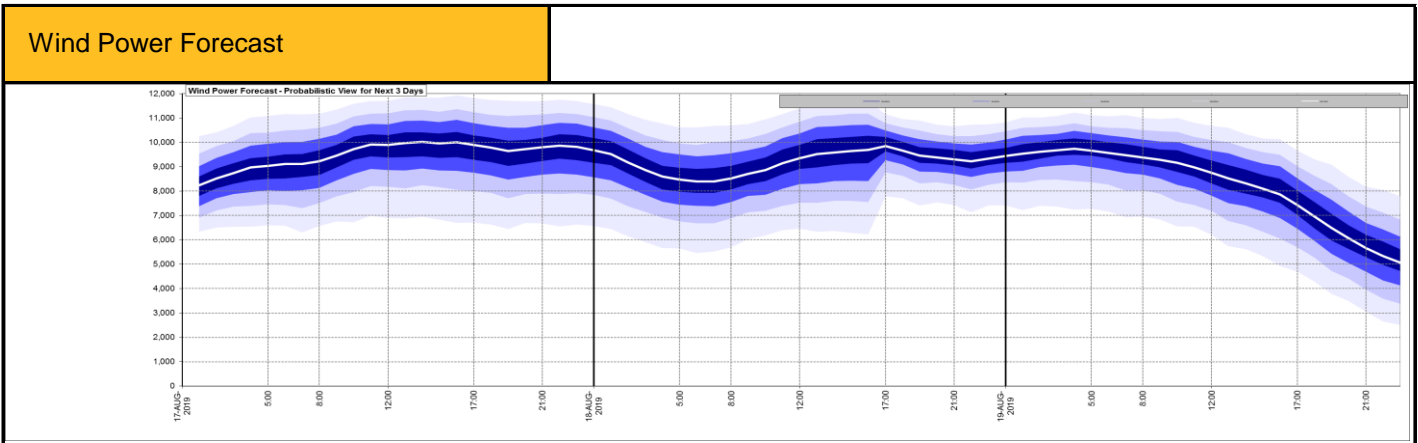
Today's Minimum De-Rated Margin	16968 MW (SP38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

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)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



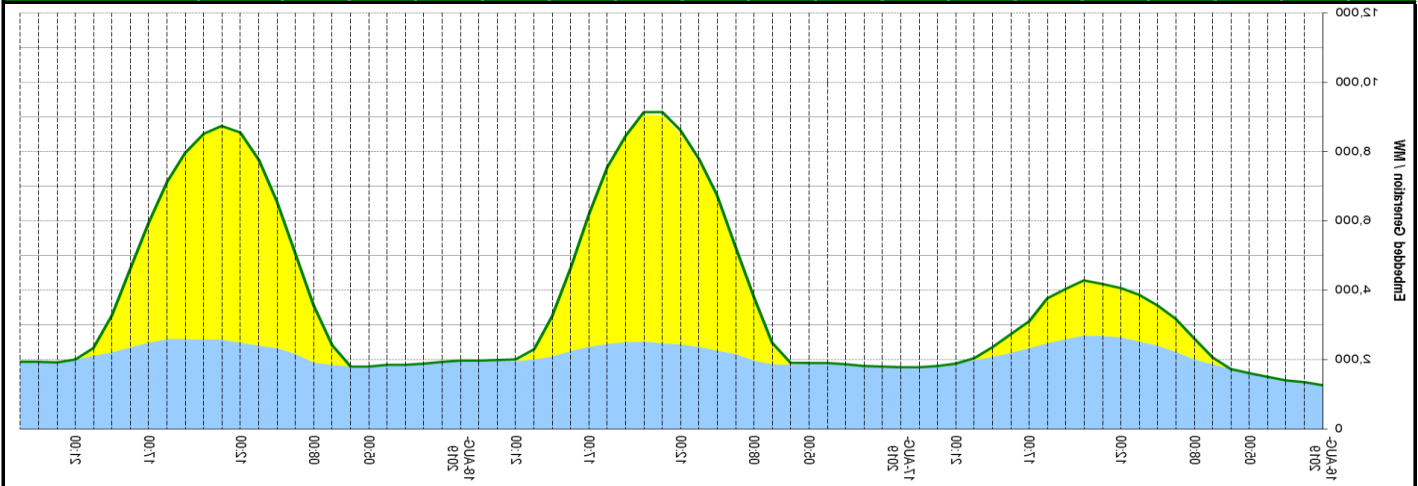
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	16-AUG-2019					17-AUG-2019					18-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	600	1422	777	0	0	0	1768	6074	3724	0	0	0	1659	6046	3454	0
Wind (MW)	1601	2010	2645	2331	1889	1777	1861	1965	2443	2374	1954	1944	1803	1926	2493	2480	2004
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1601	2610	4067	3108	1889	1777	1896	3788	8612	6160	2000	1964	1795	3577	8556	5935	2004



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today Breezy with sunny spells. Showery across Scotland and Northern Ireland, some heavy with thunder. Fewer showers for England and Wales, with some places staying dry. A band of more persistent rain across the far northwest of Scotland developing later.</p> <p>Tonight: Showers continuing in the north and west, with showery rain across western Scotland. Cloudier skies with outbreaks of rain developing across parts of southern England during the early hours.</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 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