

**National Electricity
Transmission System Status Report**



national**grid**ESO

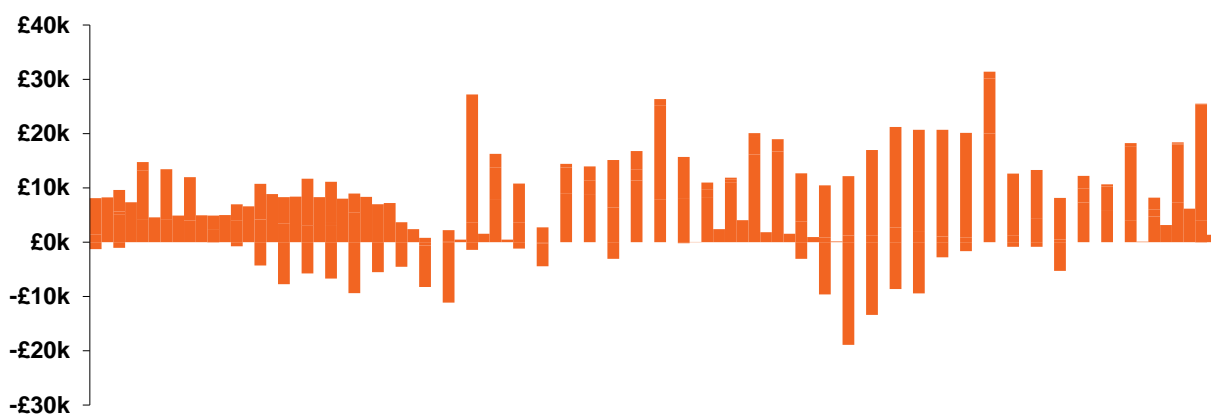
National Electricity Transmission System Status Report
Friday 02 August 2019

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	5,709 MW (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £616k

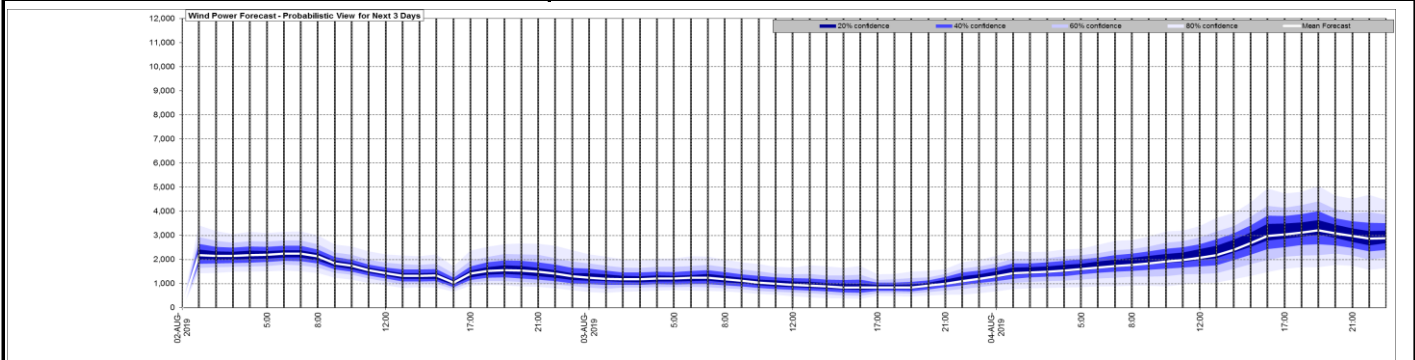


Yesterday's Market Summary

Cash out price (Max)	£110.00/MWh (SP17)
Cash Out Price (Min)	£10.00/MWh (SP14)
Peak Demand Yesterday	32, 918 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.

Wind Power Forecast



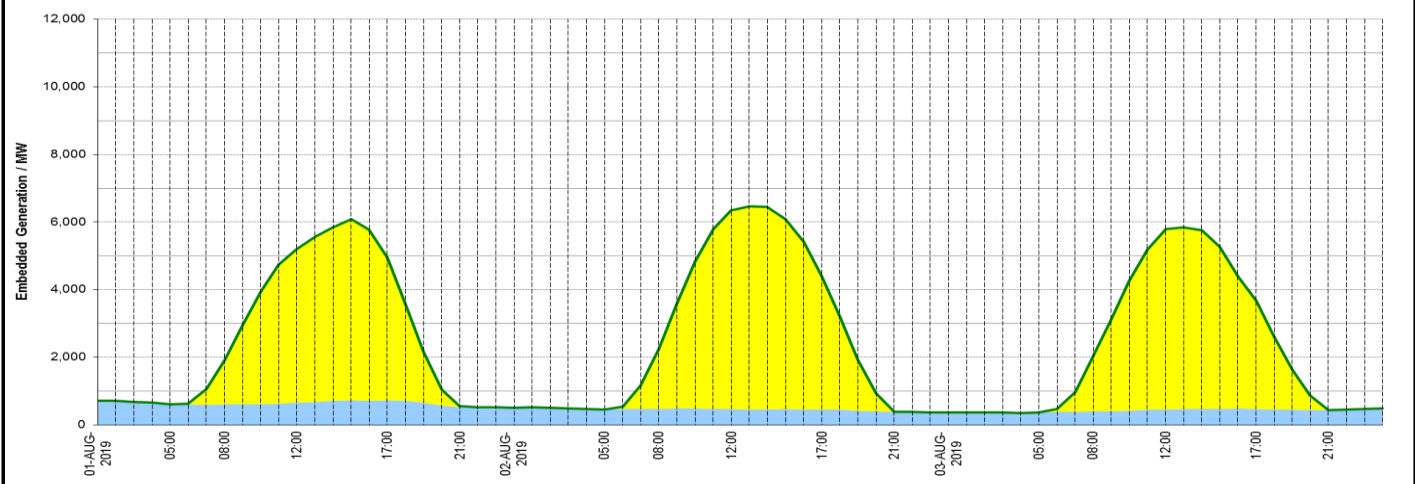
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	01-AUG-2019					02-AUG-2019					03-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	1310	4540	4210	27	1	0	1771	5882	3953	0	0	0	1629	5331	3197	0
Wind (MW)	616	606	658	733	532	514	459	476	466	463	393	369	363	400	457	472	441
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	616	1916	5198	4943	559	515	459	2247	6348	4416	393	369	363	2029	5788	3669	441



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources	<p>Today: Starting dry for many with warm spells of sunshine developing through the morning. Scattered showers will break out across parts of Scotland, northern England, southwest Wales and southwest England, these locally heavy. Most staying dry though with light winds.</p> <p>Tonight: Any showers will fade through the evening, leaving a dry night. The lengthiest clear spells are likely in the west, whilst the east will become rather cloudy.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather	<p>Weather Warnings: No weather warnings are in force for the UK.</p>
	SEPA Natural Resources Wales	<p>Flood Warnings: None</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