

**National Electricity
Transmission System Status Report**



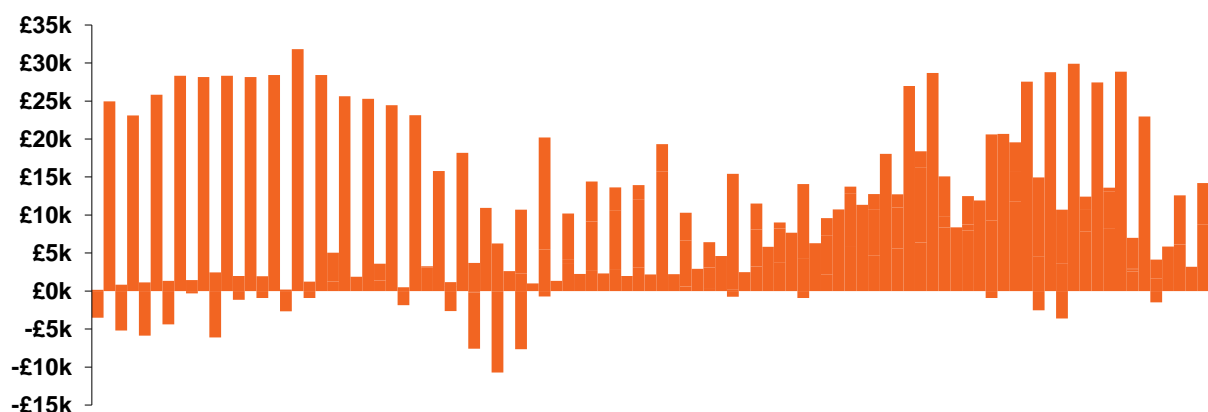
National Electricity Transmission System Status Report
Wednesday 07 August 2019

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	8066.20 MW (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000MW
	Demand	560MW

Balancing Costs

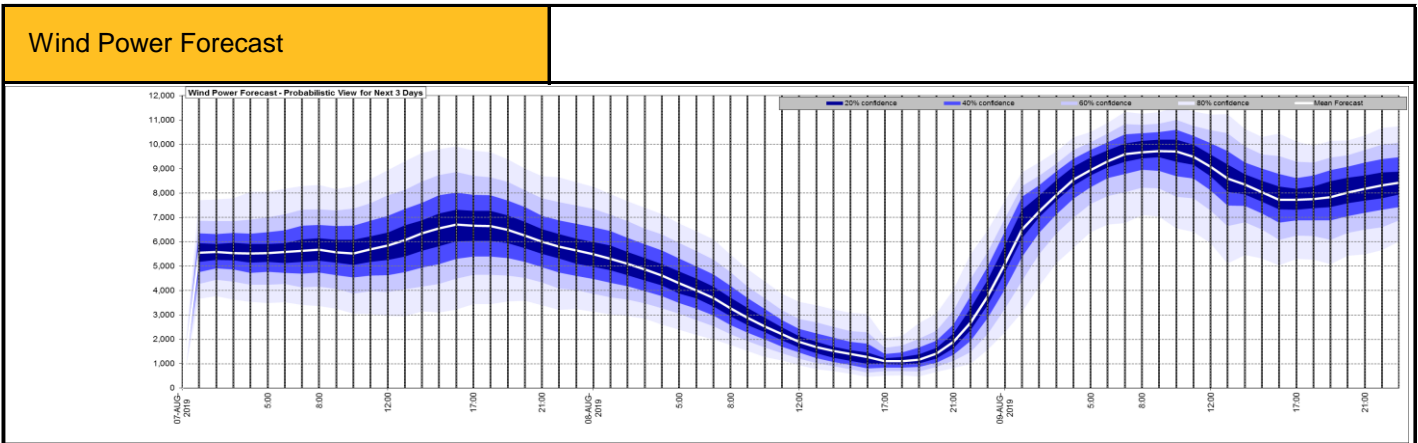
Last 24 hours' BM spend Total: £1140k



Yesterday's Market Summary

Cash out price (Max)	£39.10/MWh (SP 37)
Cash Out Price (Min)	£16.00/MWh (SP 8)
Peak Demand Yesterday	31,201 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.



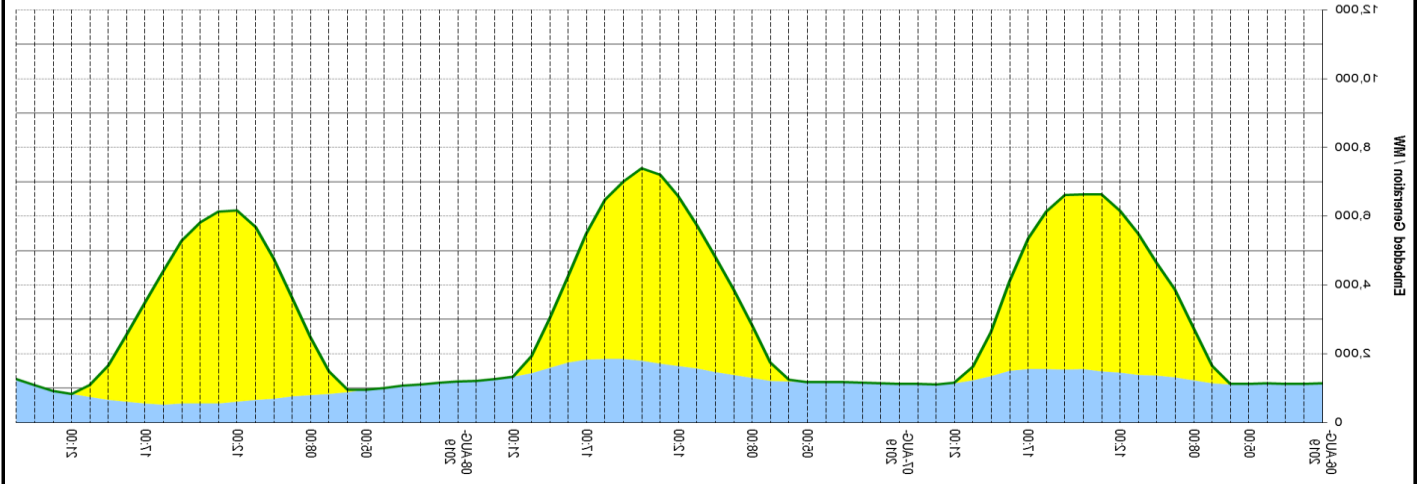
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	06-AUG-2019					07-AUG-2019					08-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	1510	4700	3800	7	0	0	1508	4925	3675	0	0	0	1686	5557	2937	0
Wind (MW)	1123	1235	1447	1548	1148	1127	1182	1304	1648	1827	1324	1185	944	799	607	552	829
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1123	2745	6147	5348	1155	1127	1182	2812	6573	5502	1324	1185	944	2485	6164	3489	829



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources	<p>Today: Sunshine and showers, heavy with hail and thunder across Northern Ireland, northern England and Scotland, the latter seeing torrential downpours in the northeast. Scattered showers for southeast England, but generally fewer showers elsewhere. Breezy for England, Wales and northern Scotland.</p> <p>Tonight: Showers will fade for most leaving a dry but fresher night with clear spells. Scattered showers will continue across Scotland, but these will steadily become less frequent and less intense.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather	<p>Weather Warnings: Yellow warning of thunderstorms - Grampian Highlands & Eilean Siar Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde Yellow warning of wind East Midlands East of England London & South East England North East England North West England South West England Wales West Midlands Yorkshire & Humber Yellow warning of rain East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p>
	SEPA Natural Resources Wales	<p>Flood Warnings: Severe flood warning Areas affected: River Goyt at Whaley Bridge Flood alert Areas affected: Middle River Mersey catchment including areas near Bramhall, Stockport, Sale, Altrincham and Urmston, Skye and Lochaber, Dumfries and Galloway, Caithness and Sutherland, Wester Ross, Easter Ross and Great Glen, Findhorn, Nairn, Moray and Speyside, Aberdeenshire and Aberdeen City, Tayside, Scottish Borders, Dundee and Angus, Edinburgh and Lothians, Fife</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