

**National Electricity
Transmission System Status Report**



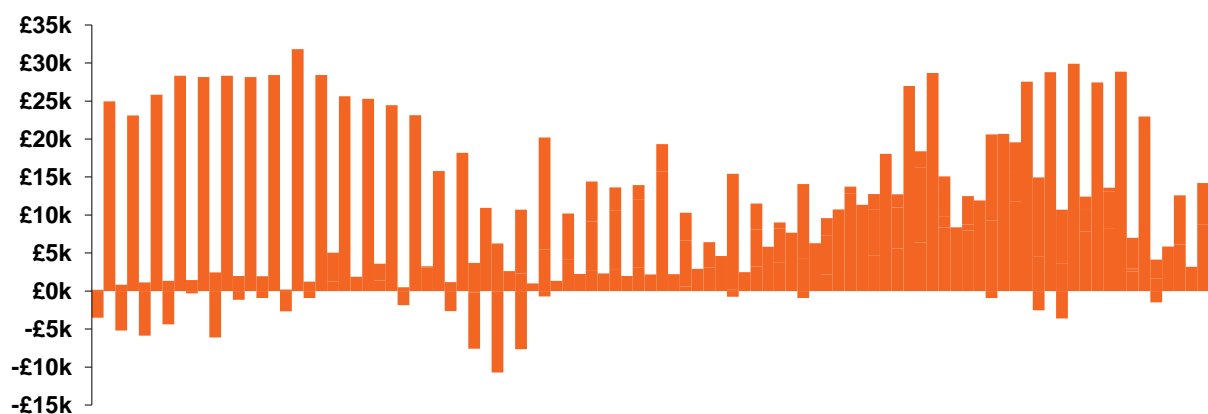
National Electricity Transmission System Status Report
Tuesday 06 August 2019

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	8679.65 MW (SP 19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000MW
	Demand	560MW

Balancing Costs

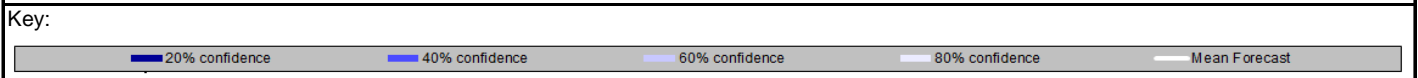
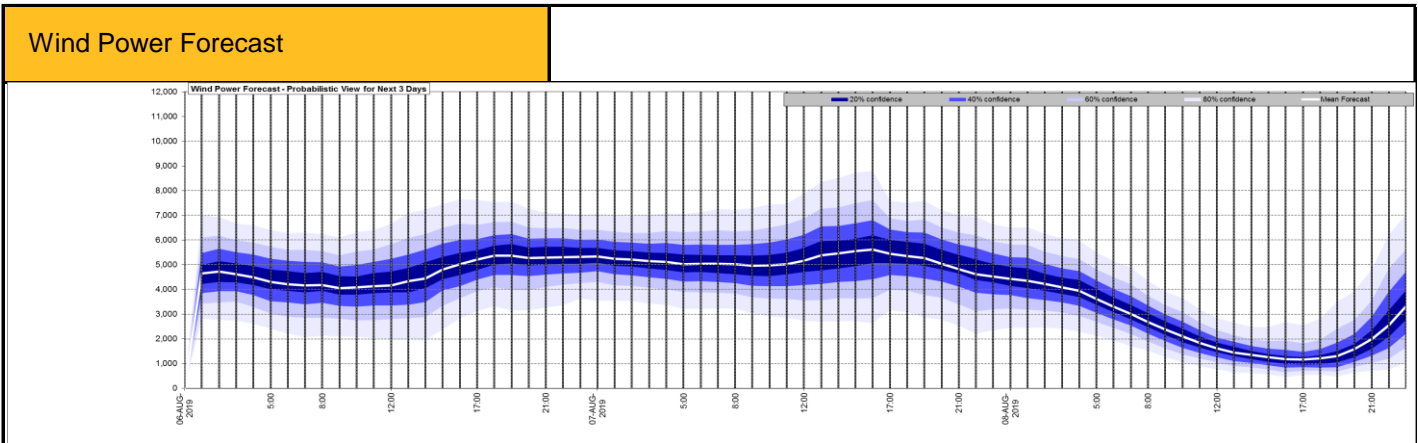
Last 24 hours' BM spend Total: £1140k



Yesterday's Market Summary

Cash out price (Max)	£65.00/MWh (SP 16 & 18)
Cash Out Price (Min)	£28.25/MWh (SP 4)
Peak Demand Yesterday	30,868 MW

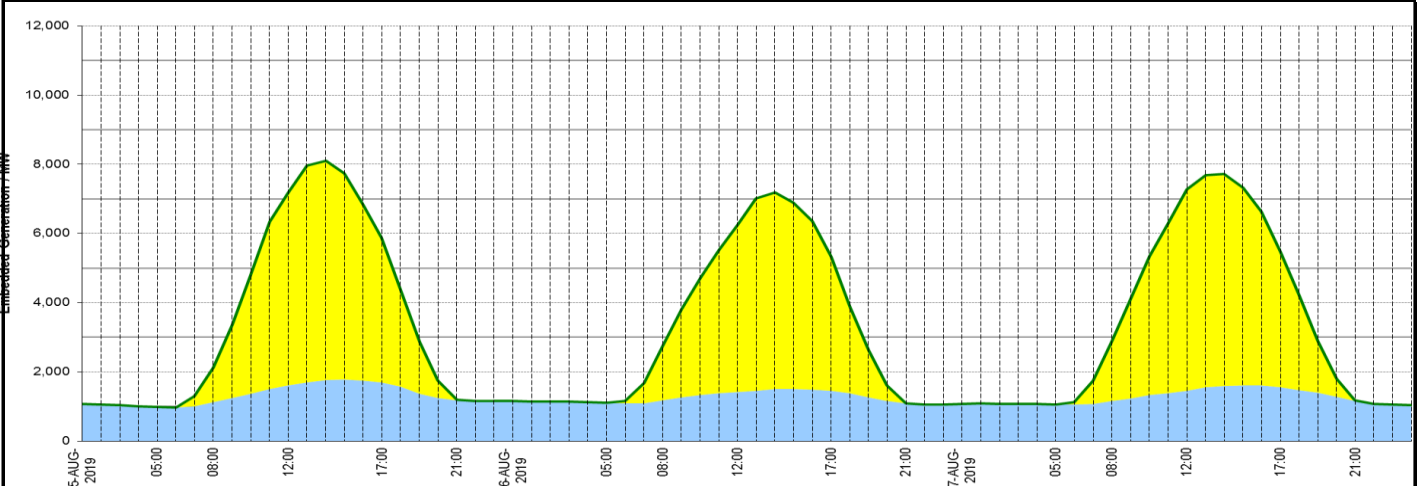
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	05-AUG-2019					06-AUG-2019					07-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	1000	5570	4180	15	1	0	1544	4839	3876	0	0	0	1752	5820	3929	10
Wind (MW)	992	1125	1602	1688	1181	1153	1108	1178	1412	1452	1087	1072	1061	1157	1448	1548	1165
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	992	2125	7172	5868	1196	1154	1108	2722	6251	5328	1087	1072	1061	2909	7268	5477	1175



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources	<p>Today: Changeable today, with sunny spells and showers. Some showers will turn heavy and thundery, with longer lasting downpours in parts of Scotland and Northern Ireland. However, outside of the showers there will be some warm sunshine. Breezy in the south.</p> <p>Tonight: Many showers will ease during the evening, leaving a dry night for most. However, further showers will affect parts of southern Scotland, northern England, Wales, and southwest England.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather	<p>Weather Warnings: Yellow warning of thunderstorms Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, SW Scotland, Lothian Borders, Strathclyde</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