

**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Thursday 01 August 2019

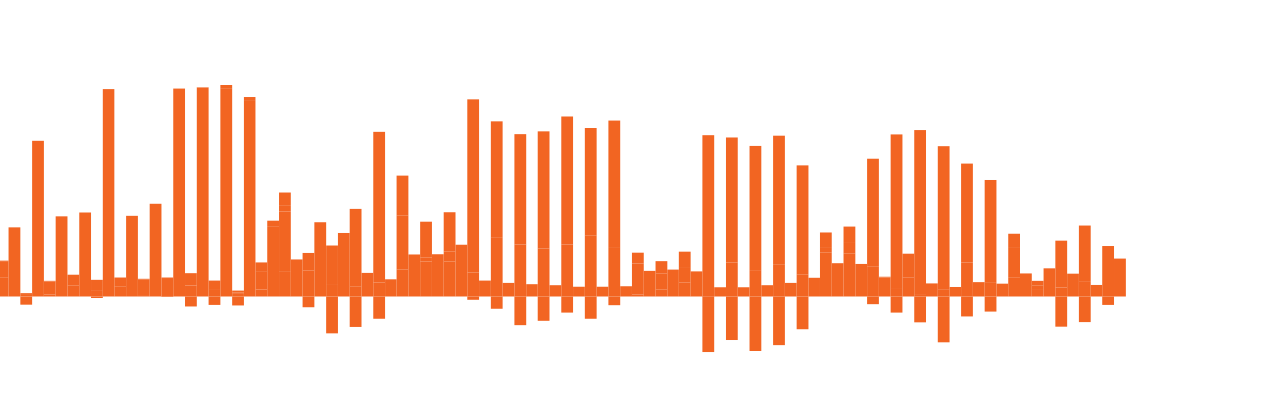
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	3,630 MW (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £1140k

£50k
£40k
£30k
£20k
£10k
£0k
-£10k
-£20k

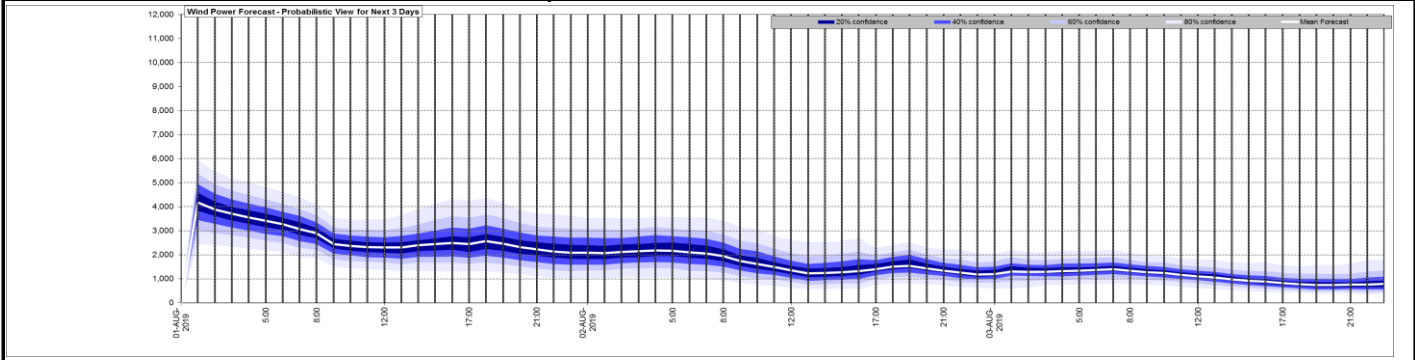


Yesterday's Market Summary

Cash out price (Max)	£57.50/MWh (SP19/20)
Cash Out Price (Min)	£18.23/MWh (SP10)
Peak Demand Yesterday	32, 089 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



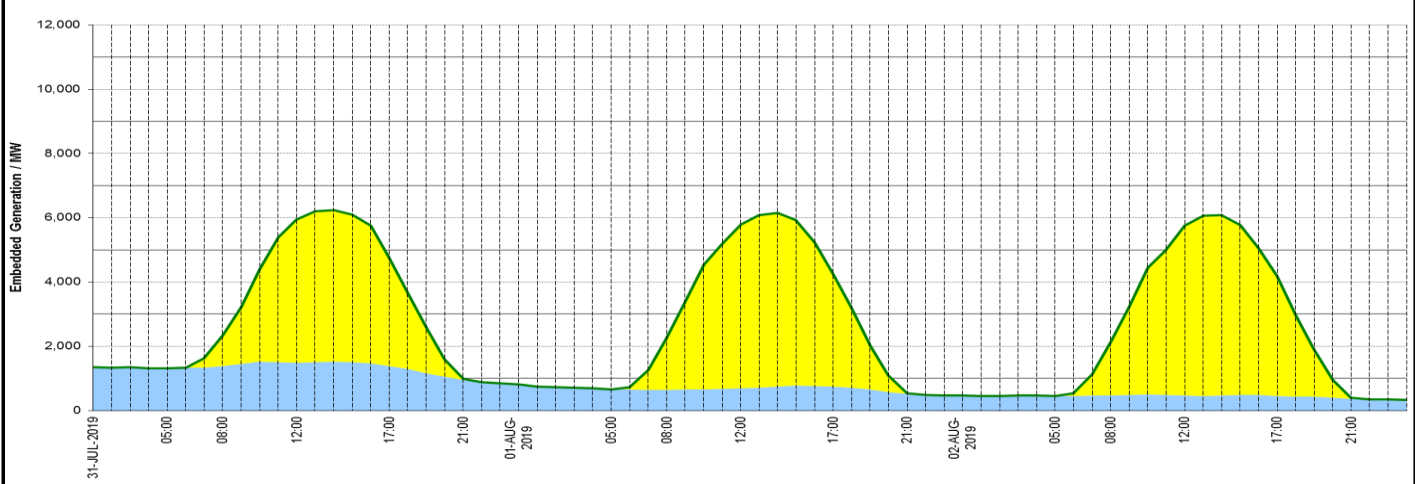
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	31-JUL-2019					01-AUG-2019					02-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	959	4450	3390	29	2	0	1602	5081	3494	24	0	0	1665	5276	3730	33
Wind (MW)	1317	1380	1494	1386	956	814	665	643	699	746	519	466	450	473	468	446	372
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1317	2339	5944	4776	985	816	665	2245	5780	4240	543	466	450	2138	5744	4176	405



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources	<p>Today:</p> <p>Warm sunshine and lighter winds for many. However, occasionally heavy showers will develop across central, western and southern Scotland, northern and some eastern areas of England with isolated hail and thunder, mainly Scotland. Southwest England,</p> <p>Tonight:</p> <p>Showers will ease from most places, although a few may continue along North Sea coasts. Elsewhere, dry and clear and turning chilly in the west with patchy mist and fog.</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