

**National Electricity
Transmission System Status Report**

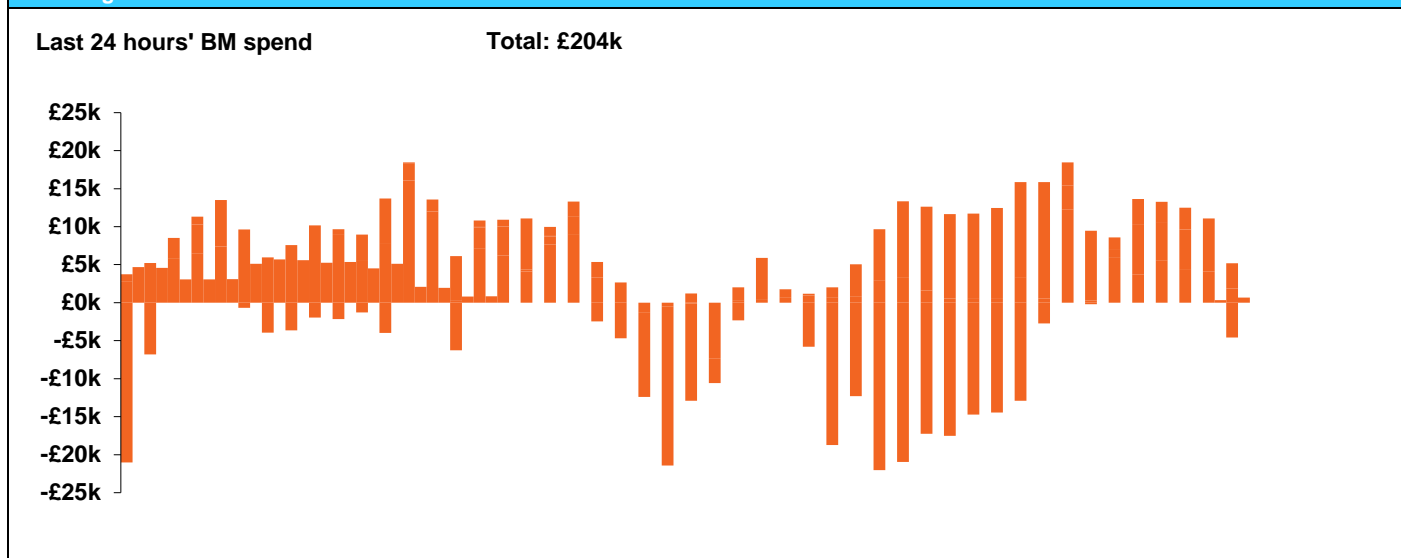


National Electricity Transmission System Status Report
Friday 19 July 2019

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

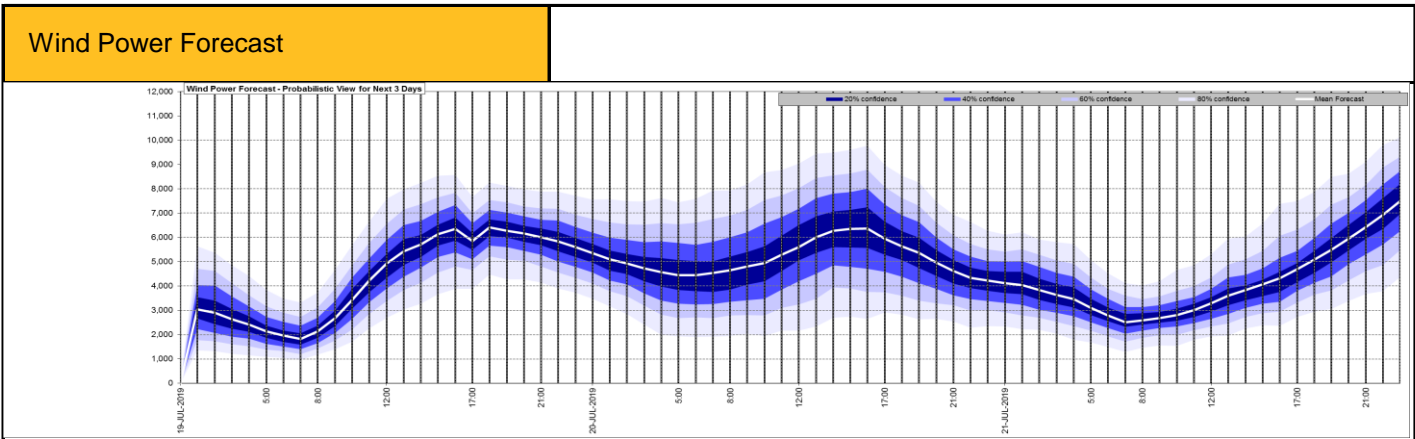
Today's Minimum De-Rated Margin	3567 MW (SP20)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£63.90/MWh (SP 16, 17, 19 & 20)
Cash Out Price (Min)	£10.00/MWh (SP 26)
Peak Demand Yesterday	30,209 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	1000 until 15.30 hours
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



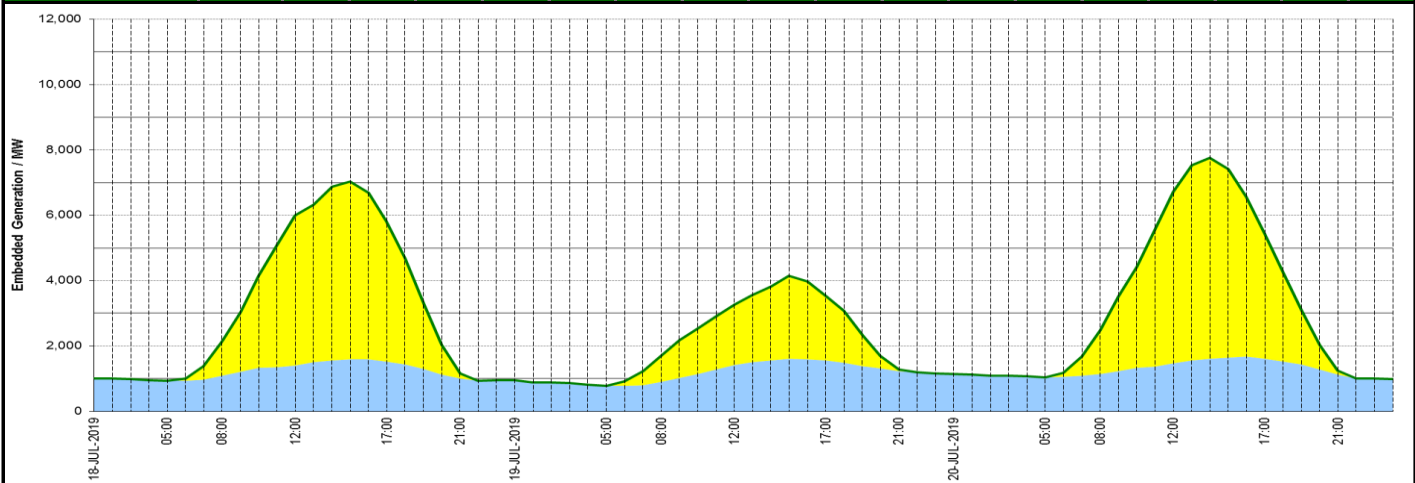
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	18-JUL-2019					19-JUL-2019					20-JUL-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	1050	4590	4280	145	2	0	808	1849	1972	50	0	0	1352	5258	3831	108
Wind (MW)	929	1095	1408	1522	1008	947	780	893	1413	1555	1236	1135	1046	1141	1463	1600	1129
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	929	2145	5998	5802	1153	949	780	1701	3262	3527	1286	1135	1046	2493	6721	5431	1237



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Locally heavy rain across Wales and southwest England first thing spreading northeast to all but northern Scotland where it should remain bright with isolated showers. Becoming brighter for many with heavy showers this afternoon, but further rain in south later. Tonight: Rain spreads across south and southeast England this evening, clearing from all but south-easternmost areas by morning. Clear spells and showers elsewhere, but rain lingering across parts of the northwest.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	Weather Yellow warning of rain Areas affected: Wales Starts: 05:00 BST on Fri 19 July Ends: 10:00 BST on Fri 19 July Heavy rain likely to cause some travel disruption during the morning rush hour. - Bus and train services probably affected with journey times taking longer - Spray and standing water on roads probably making journey times longer Flood Warnings: There are no flood warnings currently.

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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