

**National Electricity
Transmission System Status Report**

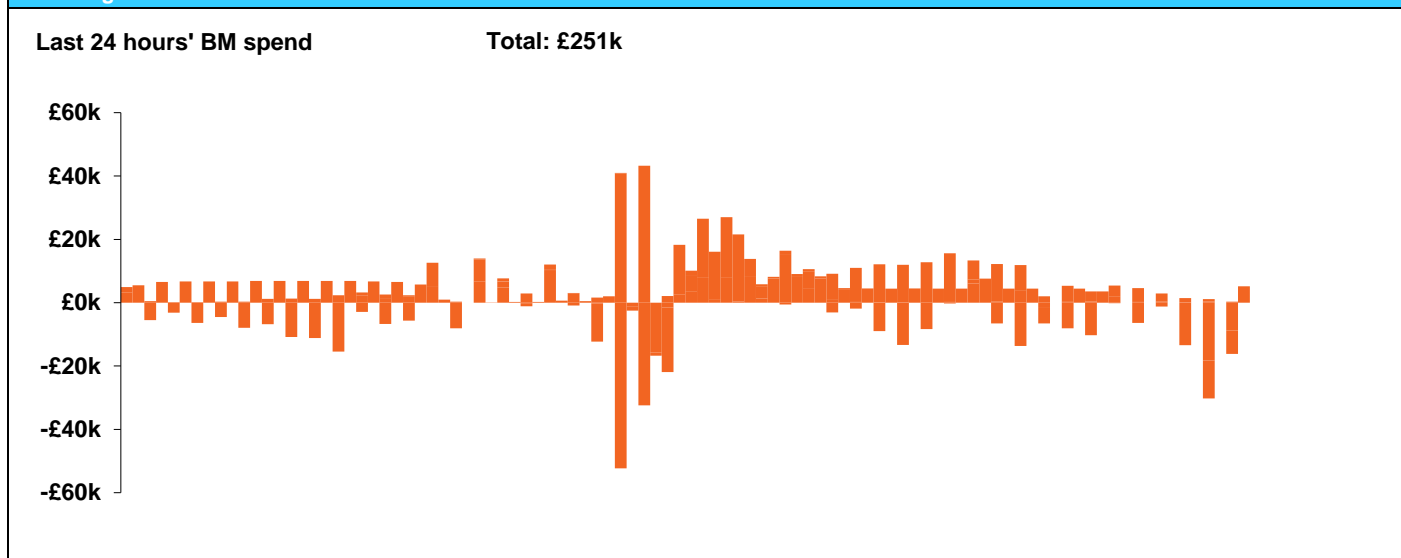


National Electricity Transmission System Status Report
Thursday 18 July 2019

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

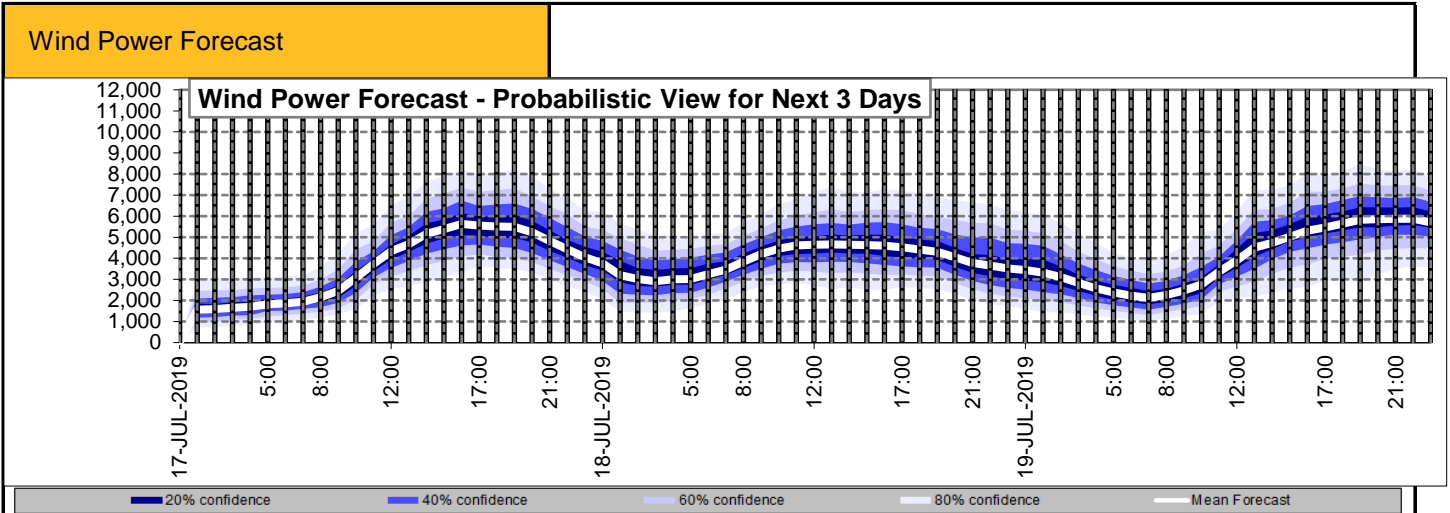
Today's Minimum De-Rated Margin	1410.61 MW (S37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£54.00 (SP1, 13)
Cash Out Price (Min)	£00.00 (SP 32)
Peak Demand Yesterday	32,885

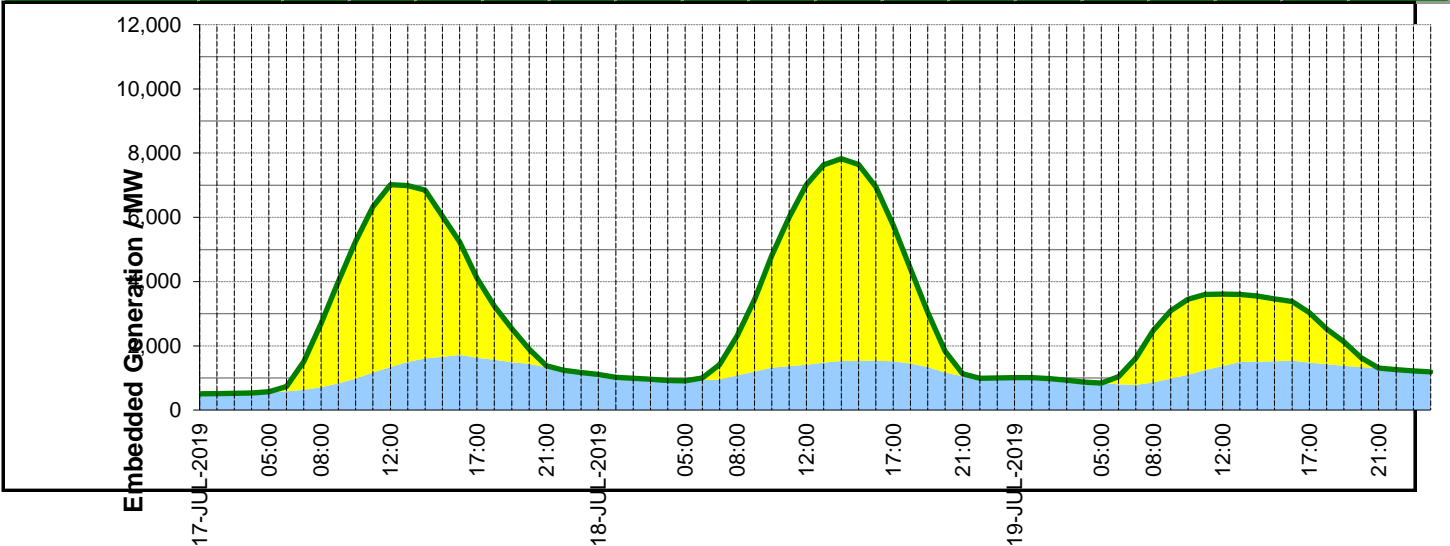
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	1000	1000	Partially available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	380	450	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUL-2019					18-JUL-2019					19-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)	1	1980	5680	2480	49	1	0	1235	5612	4249	81	0	0	1611	2248	1556	15
Wind (MW)	565	715	1341	1626	1328	1111	906	1077	1412	1515	1046	1014	838	864	1367	1480	1295
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	566	2695	7021	4106	1377	1112	906	2312	7023	5764	1128	1014	838	2475	3615	3036	1310



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Starting cloudy across southeast England with isolated showers, these perhaps turning heavy and thundery through the afternoon. Elsewhere, across Wales, central and southern England it will be fine. Sunshine and heavy showers across Scotland and Northern Ireland. Fresher for most</p> <p>Tonight: Except from the far northwest, showers will ease leaving a largely dry and clear night. However, outbreaks of rain will spread into Wales and southwest England through the early hours.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No weather warnings are in force for the UK</p> <p>Flood Warnings: No flood warnings are currently in force for England and Wales</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