

**National Electricity
Transmission System Status Report**

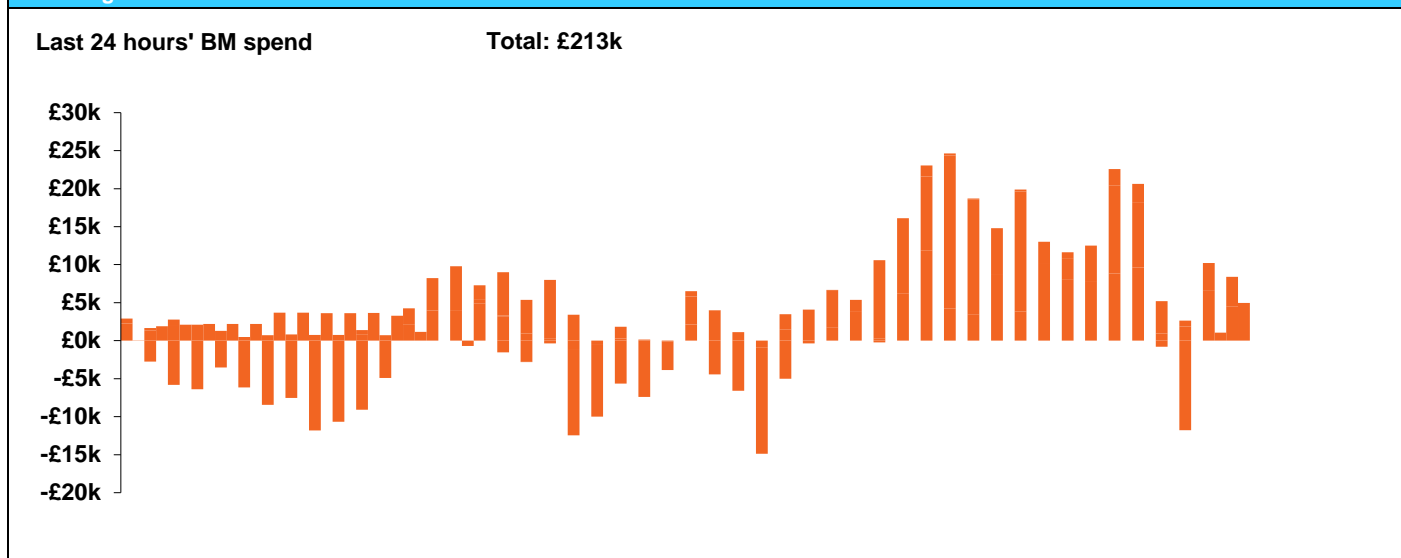


National Electricity Transmission System Status Report
Wednesday 17 July 2019

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			

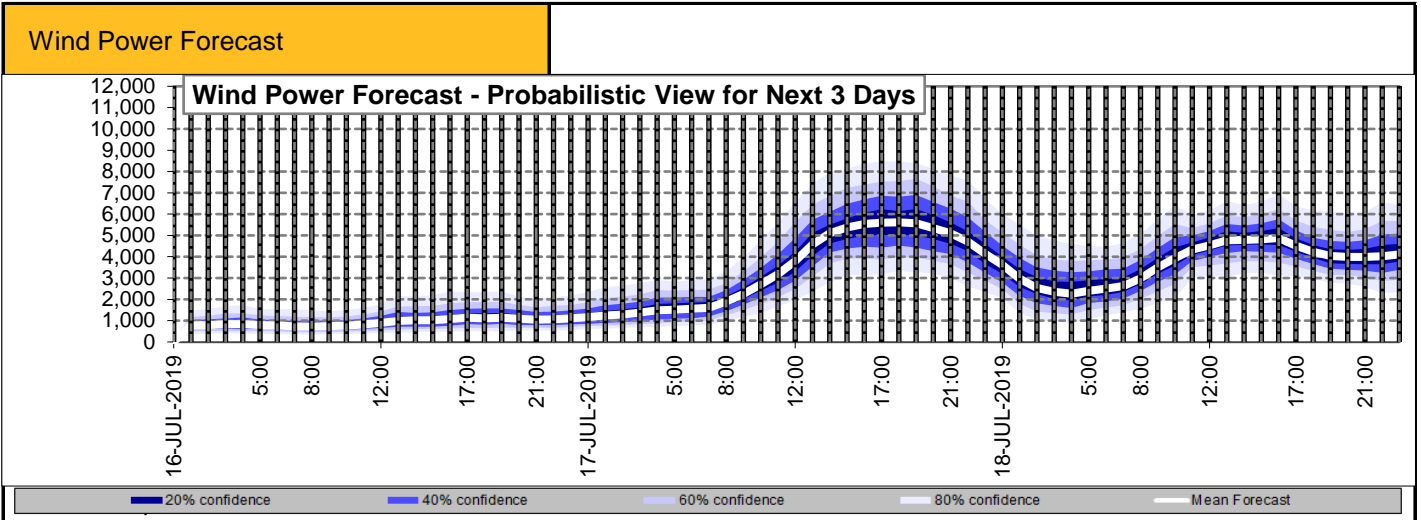
Today's Minimum De-Rated Margin	1410.61 MW (S37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

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

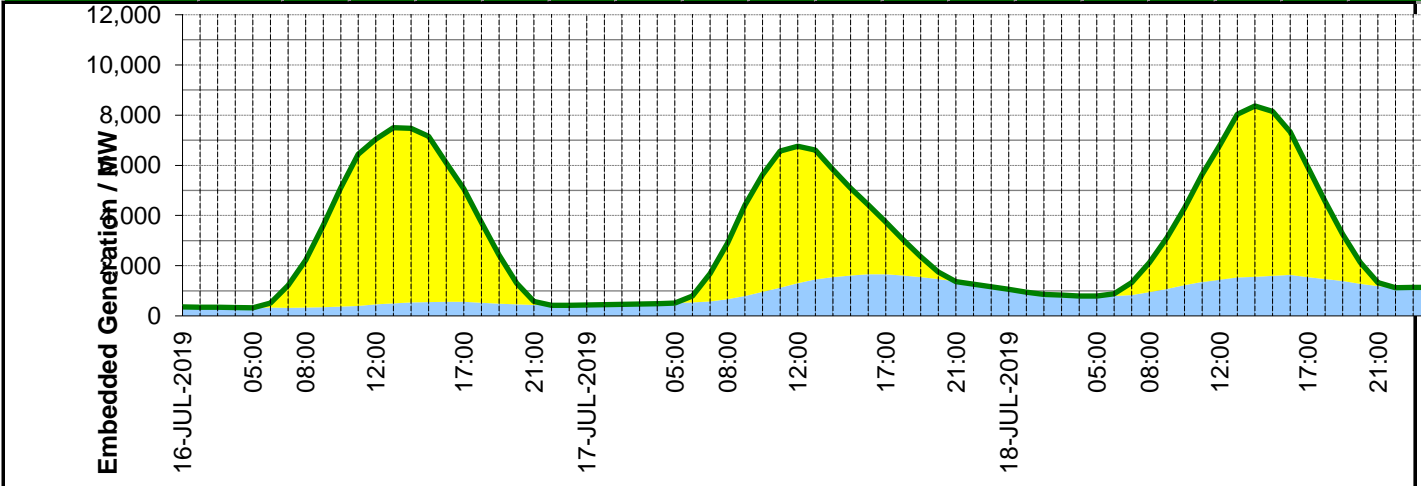
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	380	450	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-JUL-2019					17-JUL-2019					18-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	1890	6590	4500	138	0	0	2226	5464	2085	0	0	0	1180	5368	4415	131
Wind (MW)	323	331	455	558	435	438	508	659	1296	1655	1370	1059	788	939	1436	1543	1190
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	323	2221	7045	5058	573	438	508	2885	6760	3740	1370	1059	788	2119	6804	5958	1321



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Starting fine for most, but outbreaks of rain across Northern Ireland and western Scotland will steadily spread southeastwards. This will reach most northern and some central areas by mid afternoon, whilst the south remains dry with hazy sunshine. Generally warm</p> <p>Tonight: A warm night, with showery rain slowly and sporadically spreading eastwards. Northern and western parts will turn drier, fresher and clearer, with isolated showers in the northwest.</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