

**National Electricity
Transmission System Status Report**



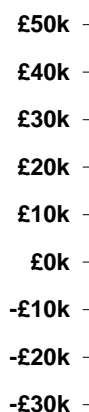
National Electricity Transmission System Status Report
Wednesday 19 June 2019

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	3103.87MW (SP19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1060MW
	Demand	560MW

Balancing Costs

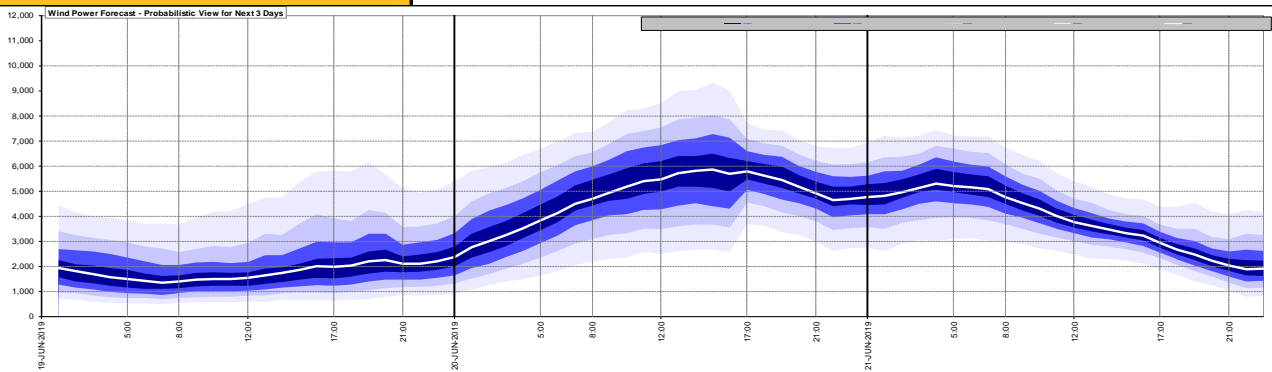
Last 24 hours' BM spend Total: £185k



Yesterday's Market Summary	
Cash out price (Max)	£82.50/MWh (SP37 & SP38)
Cash Out Price (Min)	£0.04/MWh (SP19)
Peak Demand Yesterday	34,557 MW

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)	0	0	Planned outage

Wind Power Forecast



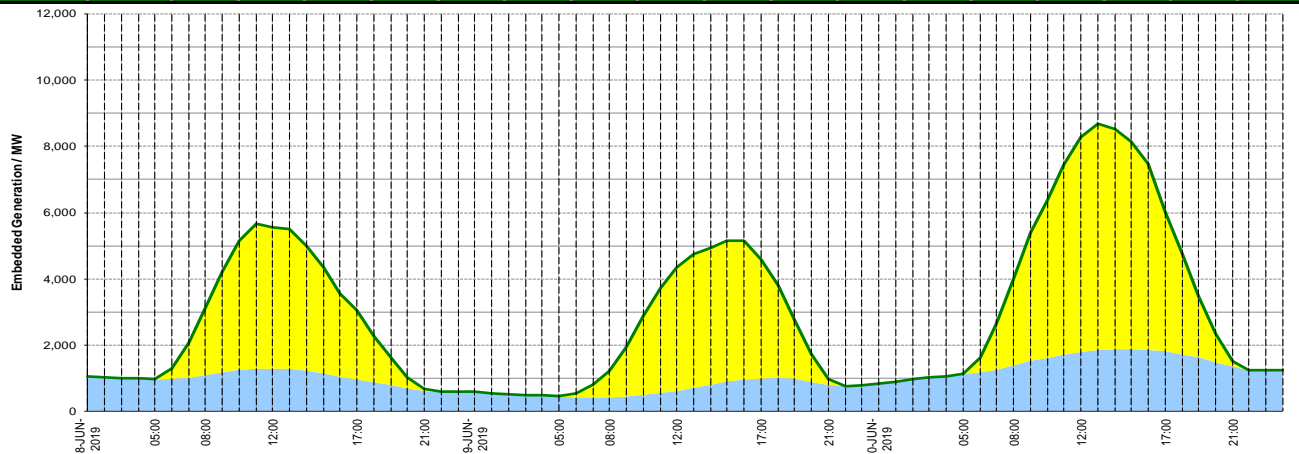
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	18-JUN-2019					19-JUN-2019					20-JUN-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)	5	2010	4280	2070	63	0	0	803	3702	3589	168	0	19	2608	6509	4194	149
Wind (MW)	968	1091	1277	966	611	602	444	419	617	994	789	833	1110	1379	1778	1810	1348
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	973	3101	5557	3036	674	602	444	1222	4338	4583	957	833	1129	3988	8287	6004	1497



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early thunderstorms in east and southeast England soon clearing. Further thunderstorms will be a daytime risk in central and eastern England. Occasionally heavy rain over other parts of England and Wales will move eastwards, easing later. Sunshine and showers</p> <p>Tonight: Any lingering daytime rain over east and southeast England will clear. Elsewhere will see clear spells and a few showers in the north and west, where it will be breezy.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of thunderstorms</p> <p>Areas affected: East Midlands East of England London & South East England South West England West Midlands Yorkshire & Humber</p> <p>Started: 18:00 BST on Tue 18 June Ends: 21:00 BST on Wed 19 June</p> <p>Thunderstorms may develop bringing torrential rain, hail and lightning to a few places, with potential disruption to travel and flooding</p> <p>Flood Warnings: There are 4 Active Flood Warnings issued in England.</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