

**National Electricity
Transmission System Status Report**

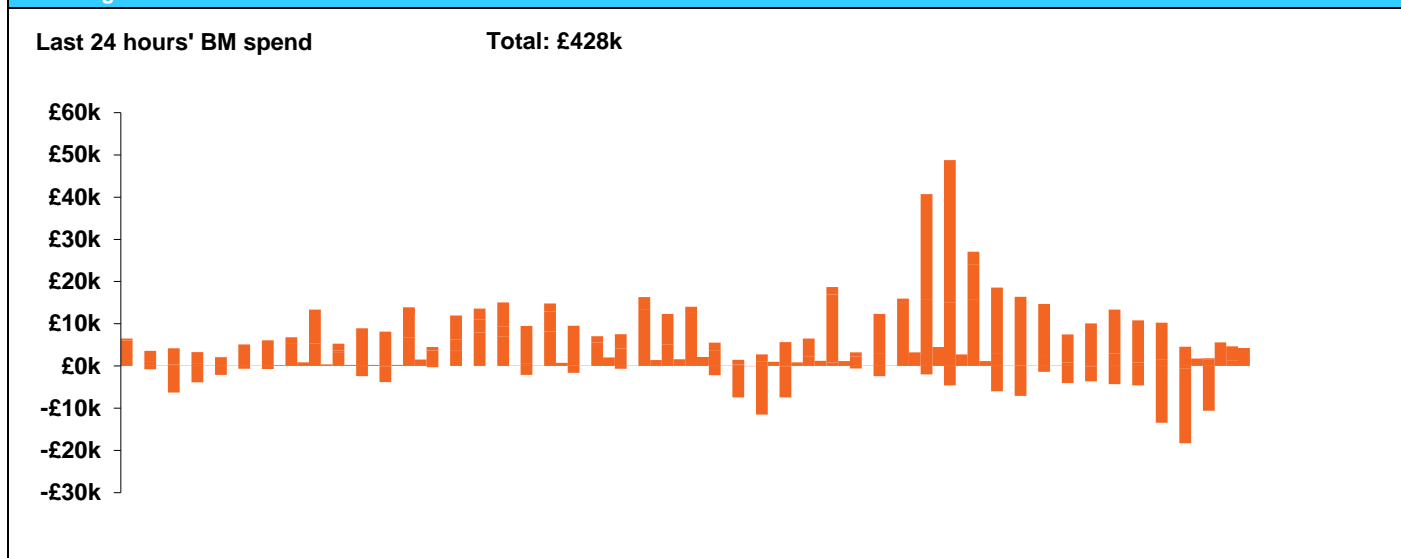


National Electricity Transmission System Status Report
Friday 21 June 2019

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	5307.94 MW (SP39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

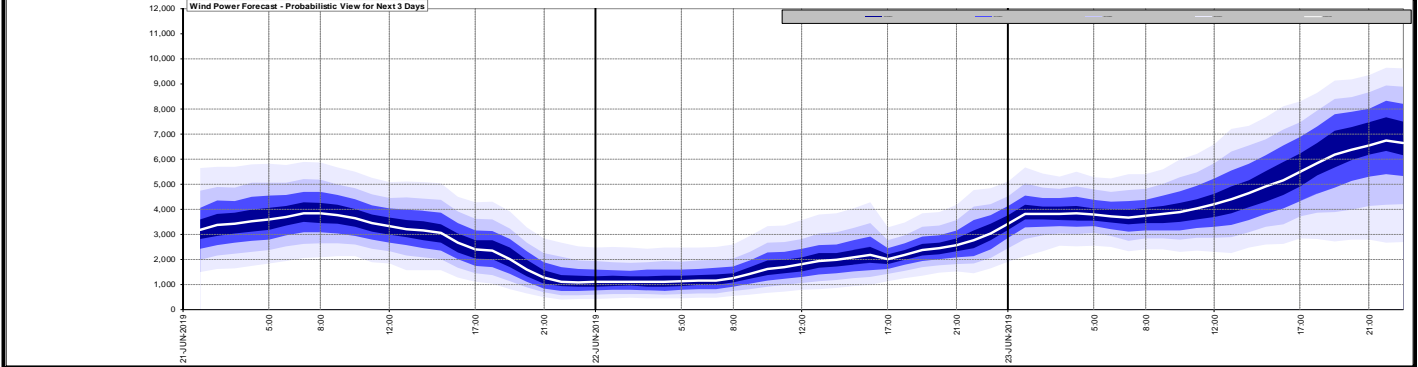
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£94.25/MWh (SP35)
Cash Out Price (Min)	£28.70/MWh (SP46)
Peak Demand Yesterday	31,209 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)	395	500	Fully Available

Wind Power Forecast



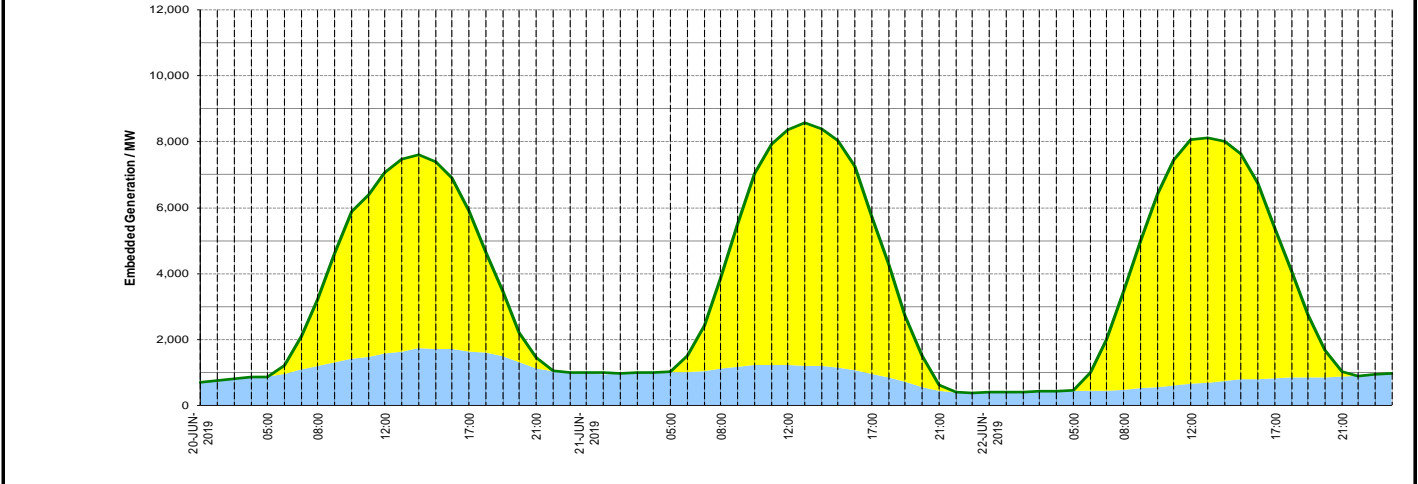
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	20-JUN-2019					21-JUN-2019					22-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)	3	2010	5500	4290	346	0	17	2745	7146	4748	175	0	19	3001	7411	4529	139
Wind (MW)	861	1199	1563	1618	1119	996	1003	1123	1214	968	448	390	436	460	647	832	875
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	864	3209	7063	5908	1465	996	1020	3867	8357	5711	623	390	455	3461	8058	5361	1014



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: It will be fine and dry for many across England and Wales today, with plenty of warm sunshine. There will be a few showers further north, with north Scotland breezy with some heavy showers and sunny spells.</p> <p>Tonight: Any showers will fade, although a few may linger across northern Scotland. Elsewhere it will be dry with often clear skies, and turning chilly in the north and west.</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 for Friday or Saturday - Yellow Warnings for Thunderstorms, torrential rain & lightning for E&W from Sunday 1500hrs</p> <p>Flood Warnings: There are 2 Flood Warnings issued for 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