

**National Electricity
Transmission System Status Report**

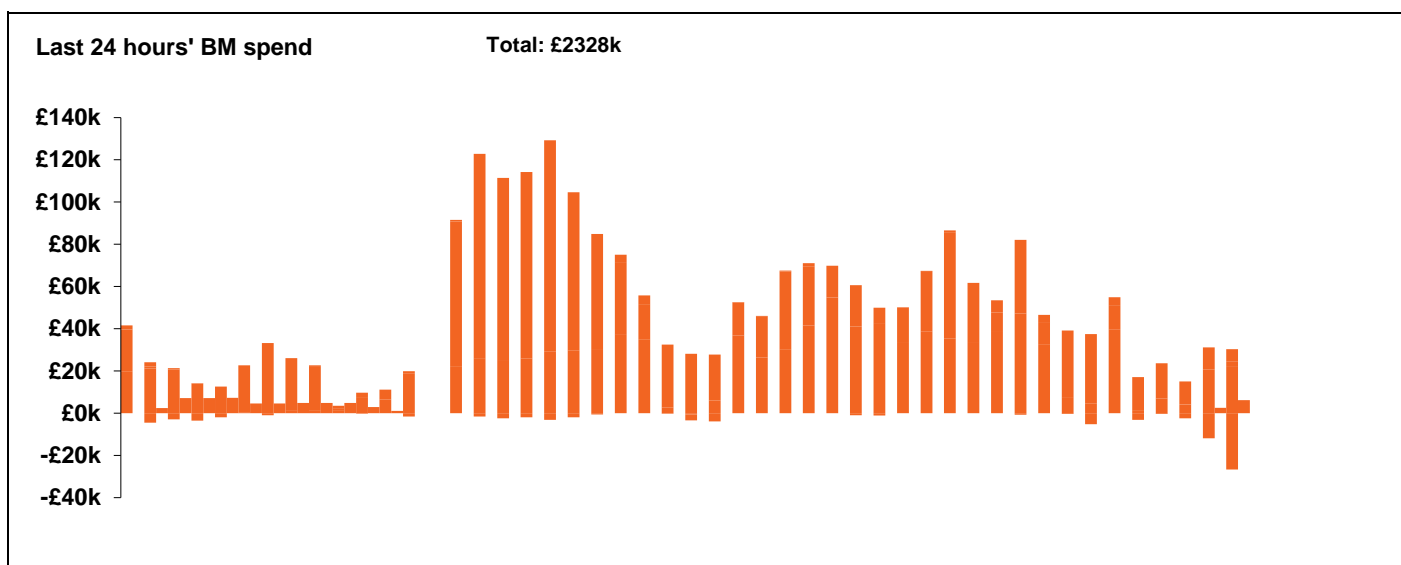


national**grid**ESO

National Electricity Transmission System Status Report
Friday 18 June 2021

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

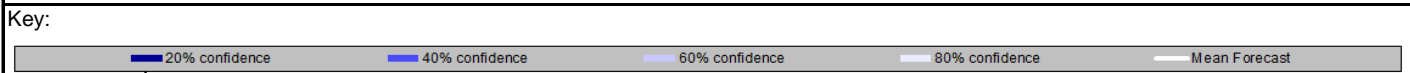
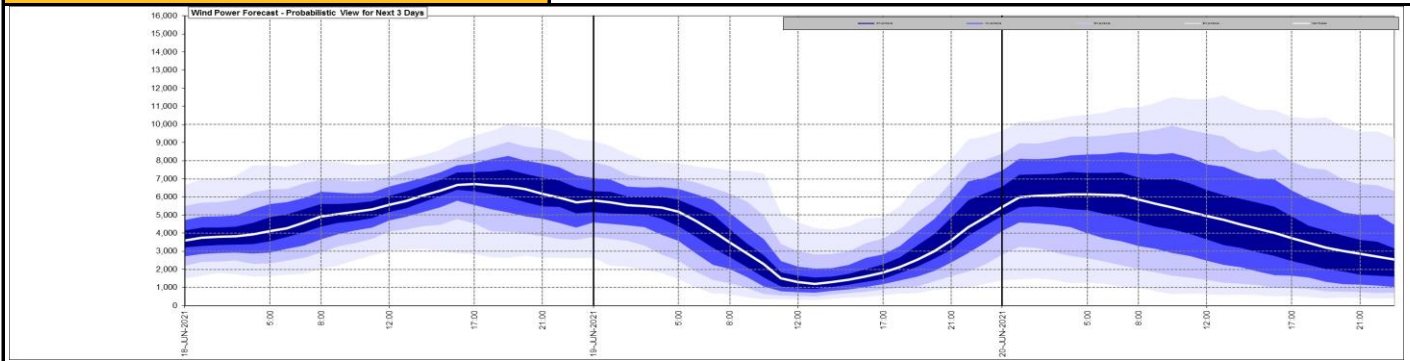
Today's Minimum De-Rated Margin	8124 (SP 19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£138.00/MWh (SP 36&37)
Cash Out Price (Min)	£12.65/MWh (SP 25)
Peak Demand Yesterday	31,883 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	1500	1500	Partially available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available

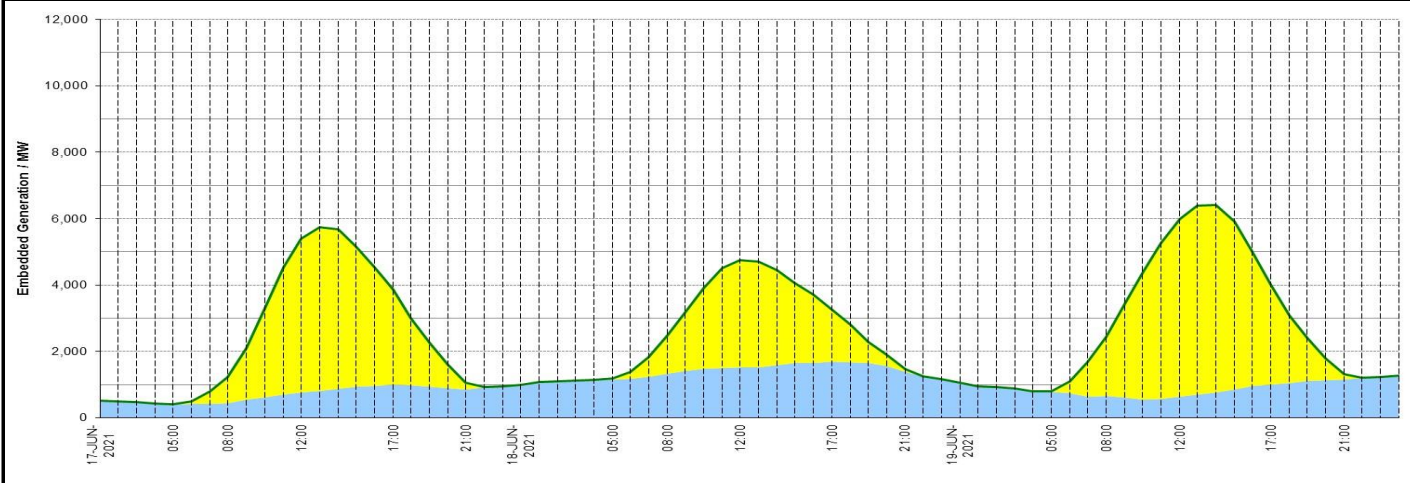
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUN-2021					18-JUN-2021					19-JUN-2021						
	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	786	4620	2870	201	0	20	1161	3245	1574	70	0	15	1780	5347	3023	160
Wind (MW)	406	448	769	996	863	1002	1163	1318	1514	1694	1401	1067	788	657	627	996	1161
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	407	1234	5389	3866	1064	1002	1183	2479	4759	3268	1471	1067	803	2437	5974	4019	1321



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Today will be mostly dry and sunny across Scotland, Wales and Northern Ireland. England will be cloudier with heavy rain for much of the day; thundery in the south-east.</p> <p>Tonight: Tonight rain will gradually clear eastern England. Wales may see some light rain through the night. Elsewhere will be dry with clear spells developing, a cool night in N Ireland and parts of Scotland..</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: East Midlands East of England London & South East England South West England West Midlands Yorkshire & Humber</p> <p>Starts: 06:00 BST on Fri 18 June Ends: 06:00 BST on Sat 19 June</p> <p>Spells of heavy rain may lead to some travel disruption and flooding. For some, rain may be accompanied by thunder and lightning.</p> <p>Flood Warnings: None</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