

**National Electricity
Transmission System Status Report**

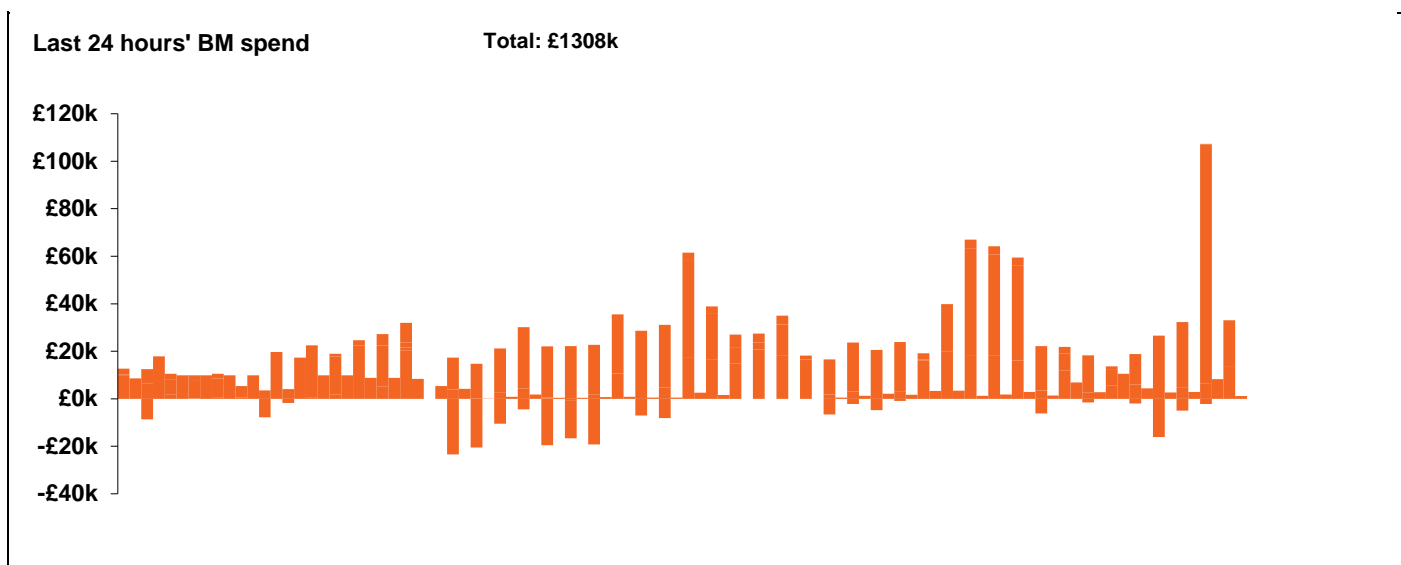


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National Electricity Transmission System Status Report
Wednesday 28 July 2021

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

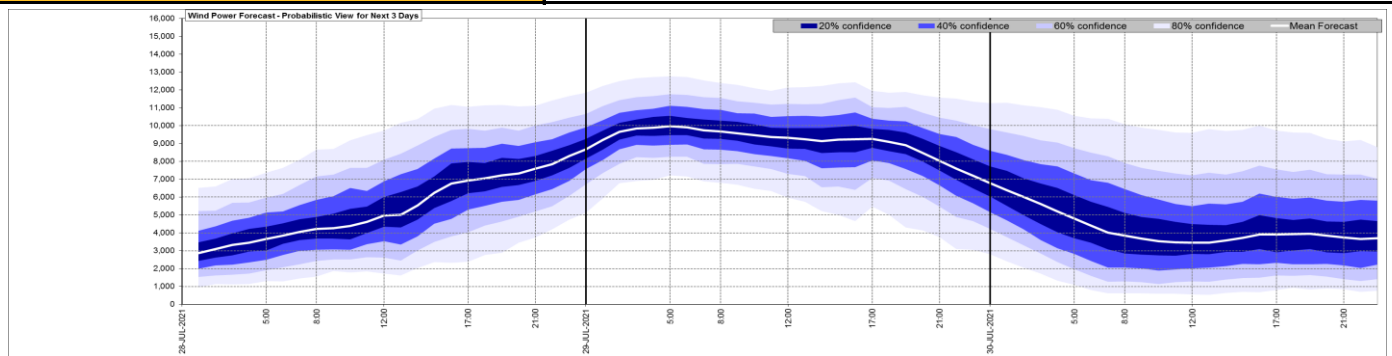
Today's Minimum De-Rated Margin	10336(SP 17)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£142.00/MWh (SP 25)
Cash Out Price (Min)	£51.60/MWh (SP 16)
Peak Demand Yesterday	31,993MWh

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available

Wind Power Forecast



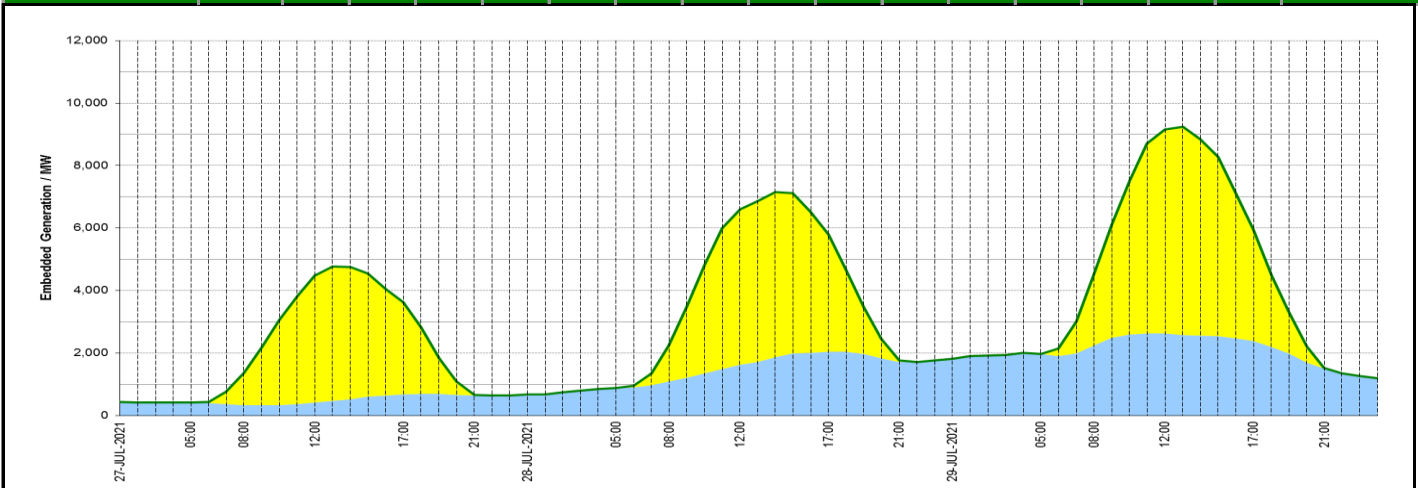
Key:

20% confidence	40% confidence	60% confidence	80% confidence	Mean Forecast
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Expected embedded generation (MWs)

Embedded Generation Forecast

	27-JUL-2021					28-JUL-2021					29-JUL-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)	0	1040	4060	2940	19	0	0	1163	4972	3754	43	0	0	2316	6522	3566	25
Wind (MW)	424	334	416	683	645	677	882	1086	1619	2041	1716	1821	1965	2239	2630	2378	1498
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	424	1374	4476	3623	664	677	882	2249	6591	5795	1759	1821	1965	4555	9152	5944	1523



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain will be heavy and prolonged at times across central and northern Scotland with a risk of thunder. Elsewhere, scattered showers along with sunny spells, some of the showers being heavy with thunderstorms in places by afternoon. Breezy.</p> <p>Tonight: Rain at times across Scotland easing, but further heavy showers across central UK, particularly affecting northwest England. Southern areas, breezy and becoming mostly dry with clear spells.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: <u>Yellow warning of thunderstorms</u> Areas affected: East Midlands East of England North East England North West England Wales West Midlands Yorkshire & Humber Areas affected: SW Scotland, Lothian Borders Strathclyde <u>Yellow warning of rain</u> Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde <u>Amber warning of rain</u> Grampian Highlands & Eilean Siar</p> <p>Flood Warnings: 6 Flood Warnings issued for England. 0 Flood Warnings issued for Scotland 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