

**National Electricity
Transmission System Status Report**

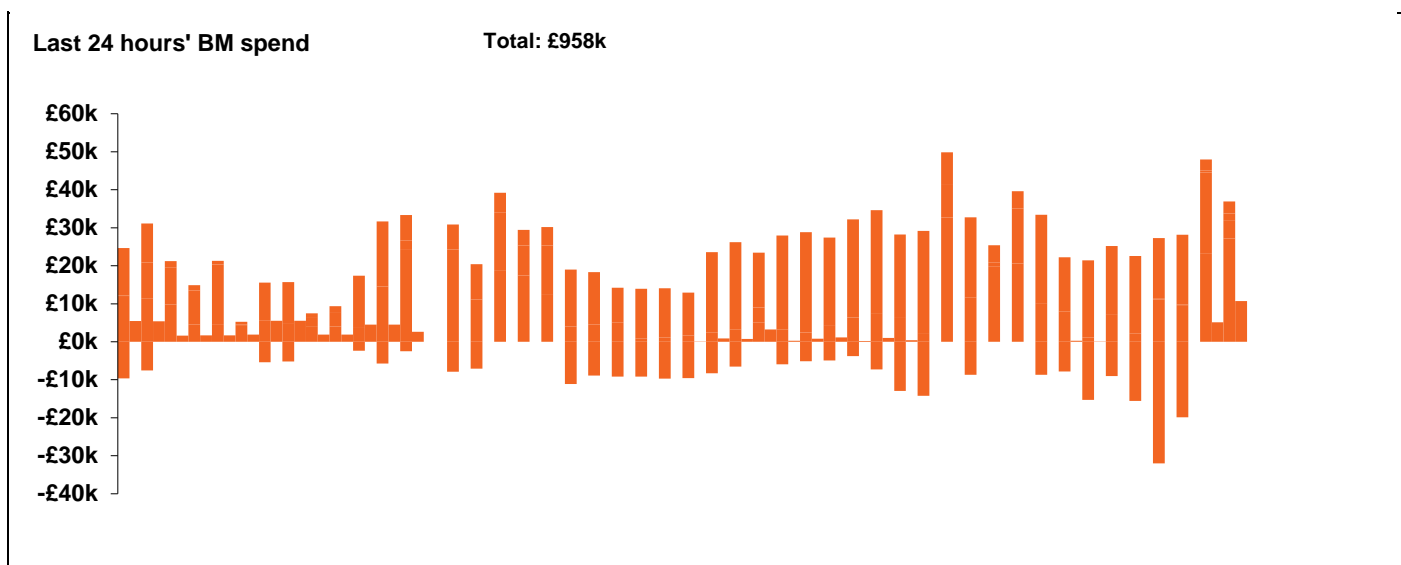


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 27 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	4327(SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

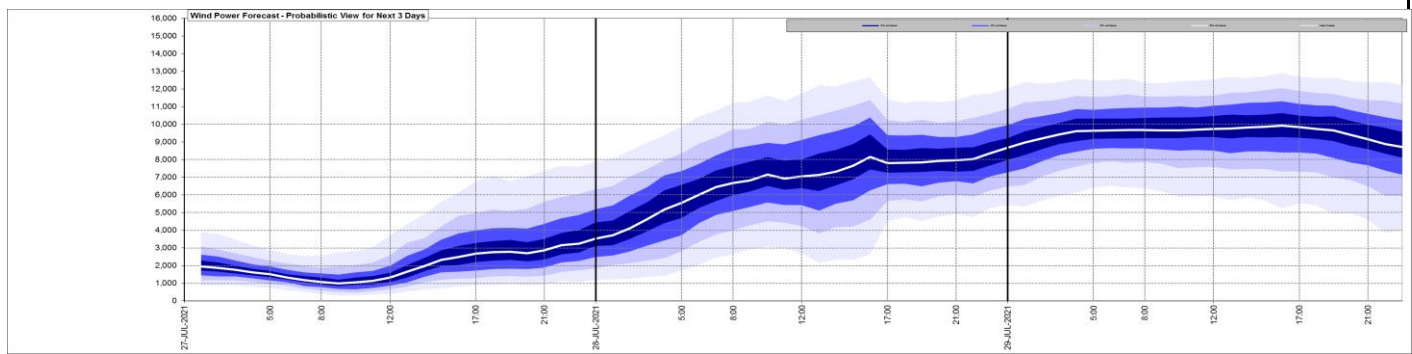


Yesterday's Market Summary	
Cash out price (Max)	£155.00/MWh (SP 39)
Cash Out Price (Min)	£56.50/MWh (SP 24)
Peak Demand Yesterday	31,648MWh

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



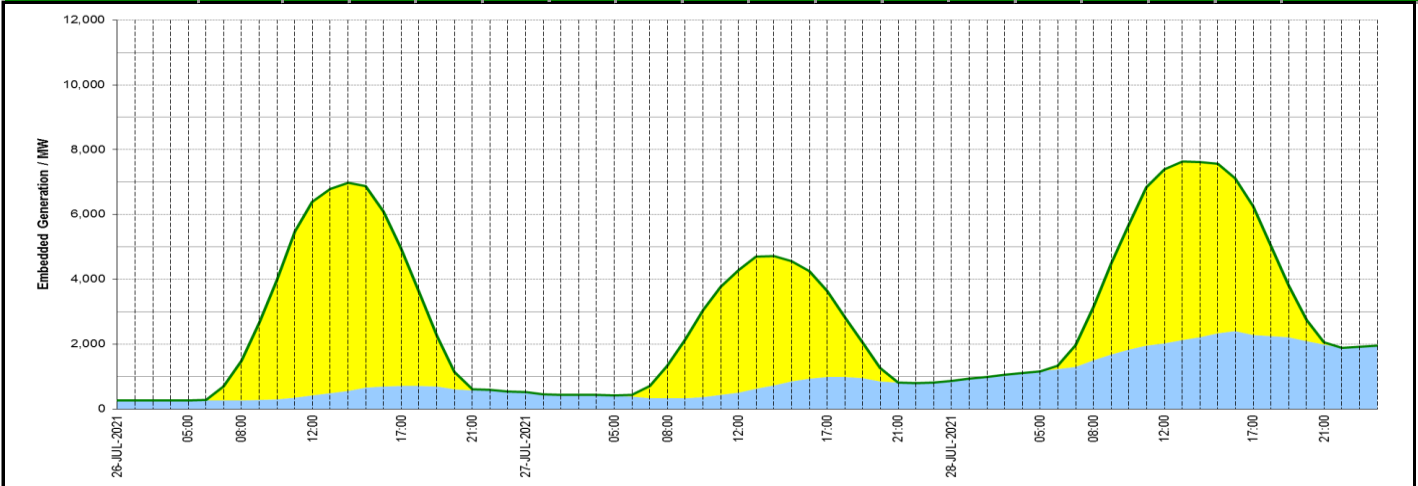
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	26-JUL-2021					27-JUL-2021					28-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	1230	5990	4250	32	1	0	1016	3779	2632	0	0	0	1670	5384	3969	65
Wind (MW)	265	254	408	707	580	515	415	324	502	994	805	869	1167	1496	2016	2282	1988
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	265	1484	6398	4957	612	516	415	1340	4281	3626	805	869	1167	3166	7400	6251	2053



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and showery rain focused in the south and west at first. Cloud breaking to allow some sunnier gaps but further heavy downpours affecting some places by afternoon, the focus moving north and east. Reasonably warm in the east.</p> <p>Tonight: Showers continuing in places, especially in the north and towards western coasts. Showers probably merging into some longer spells of rain across parts of northern UK.</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> East Midlands East of England North East England North West England Wales West Midlands Yorkshire & Humber Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde <u>Yellow warning of rain:</u> Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</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