

**National Electricity
Transmission System Status Report**

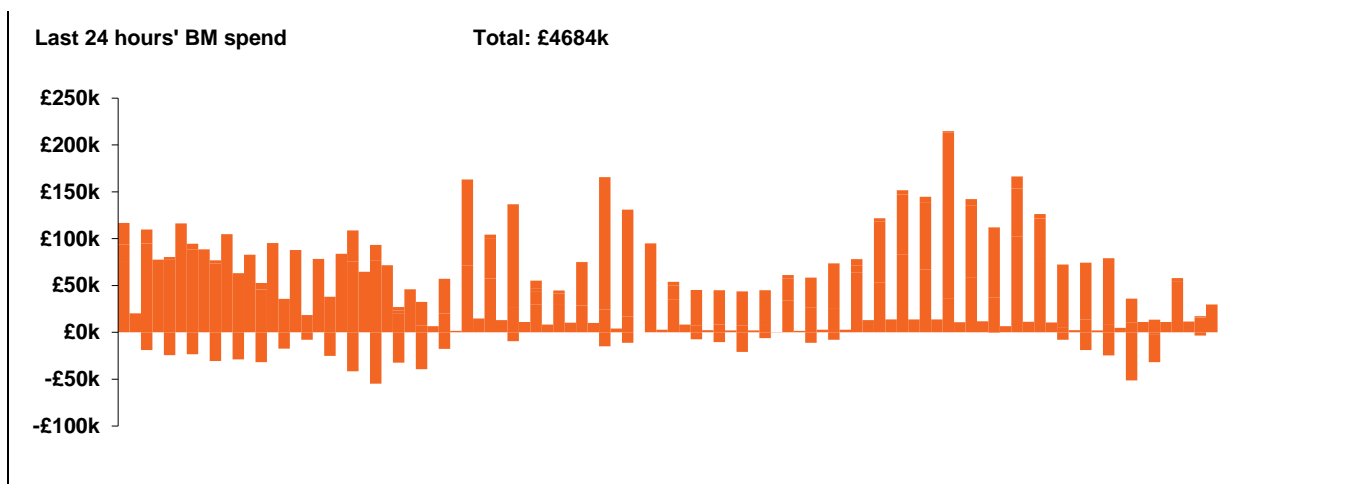


national**grid**ESO

National Electricity Transmission System Status Report
Friday 29 October 2021

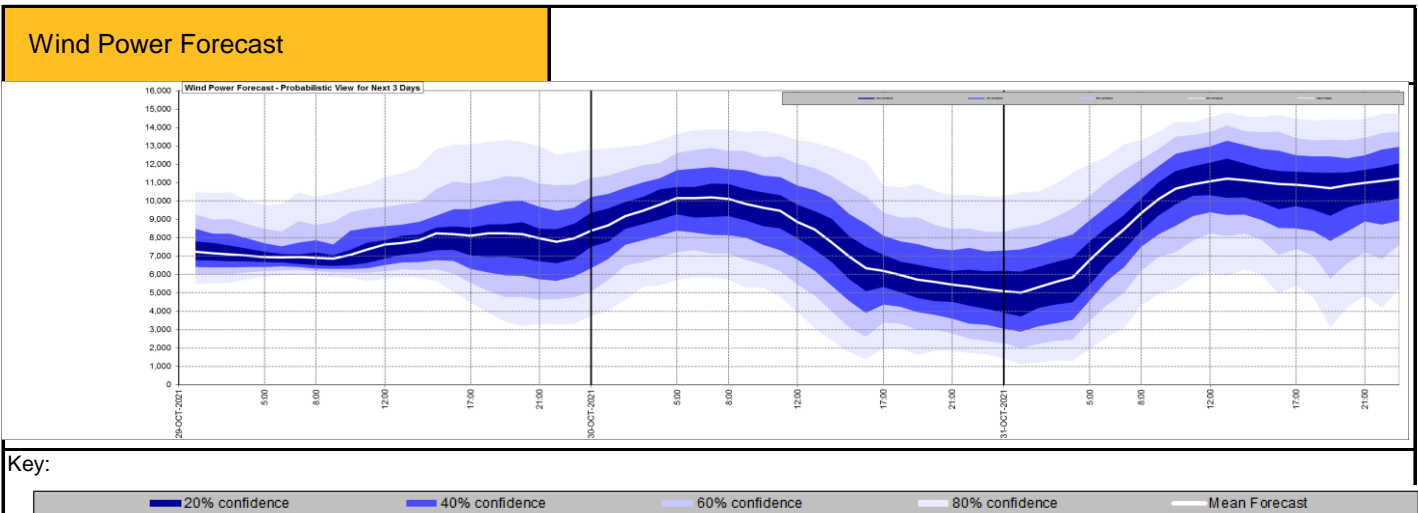
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7401 (SP37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



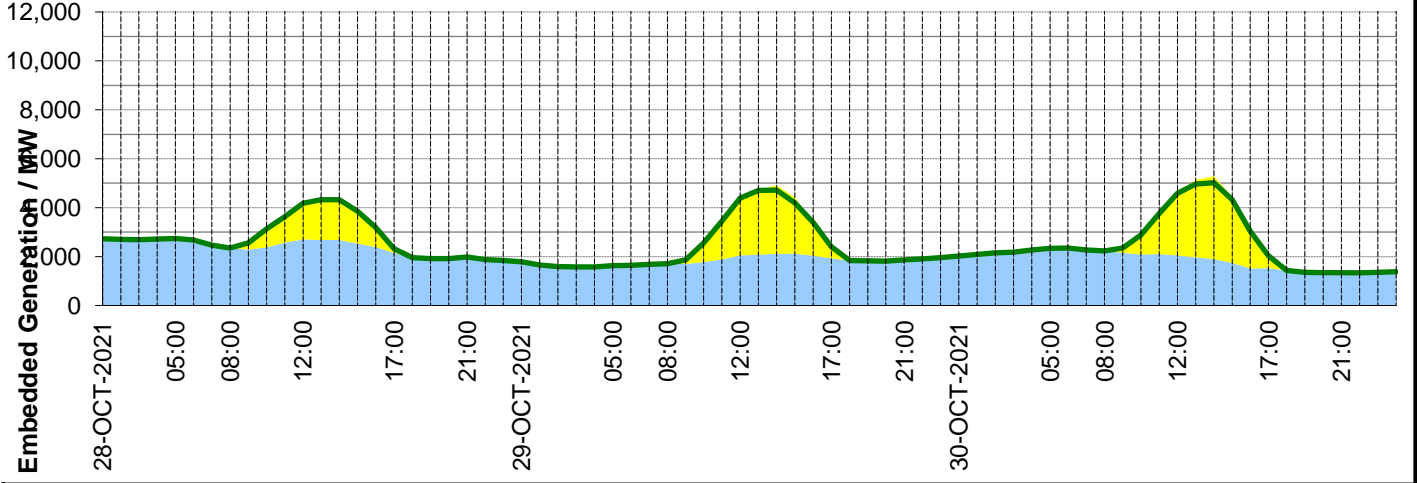
Yesterday's Market Summary	
Cash out price (Max)	£264.88/MWh (SP37)
Cash Out Price (Min)	£52.99/MWh (SP3)
Peak Demand Yesterday	39.056 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Partially 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
NSL	1400	1400	Fully Available
ElecLink	0	0	Not Available



Expected embedded generation (MWs)

Embedded Generation Forecast	28-OCT-2021					29-OCT-2021					30-OCT-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	2	1470	169	0	0	0	0	2386	501	0	0	0	0	2531	567	0
Wind (MW)	2737	2344	2706	2150	1979	1783	1629	1707	2047	1927	1871	2027	2334	2234	2042	1519	1341
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2737	2346	4176	2319	1979	1783	1629	1707	4390	2408	1871	2027	2334	2234	4589	2032	1341



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy rain moving northeastwards across many parts, followed by sunny spells and blustery showers. Strong and gusty winds in places, and feeling less mild than recently.</p> <p>Tonight: Clear spells at first before another band of heavy rain arrives in western areas and moves quickly eastwards, accompanied by blustery winds.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings: Yellow warning of rain Areas affected: North West England Yorkshire & Humber Areas affected: Wales Areas affected: South West England Areas affected: Central, Tayside & Fife SW Scotland, Lothian Borders Strathclyde</p> <p>UK Flood Warnings: 45 Flood Alerts and 20 Flood Warnings issued in England 32 Flood Alerts and 0 Flood Warnings issued in Wales 7 Flood Alerts and 14 Flood Warnings issued in Scotland</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