

**National Electricity
Transmission System Status Report**

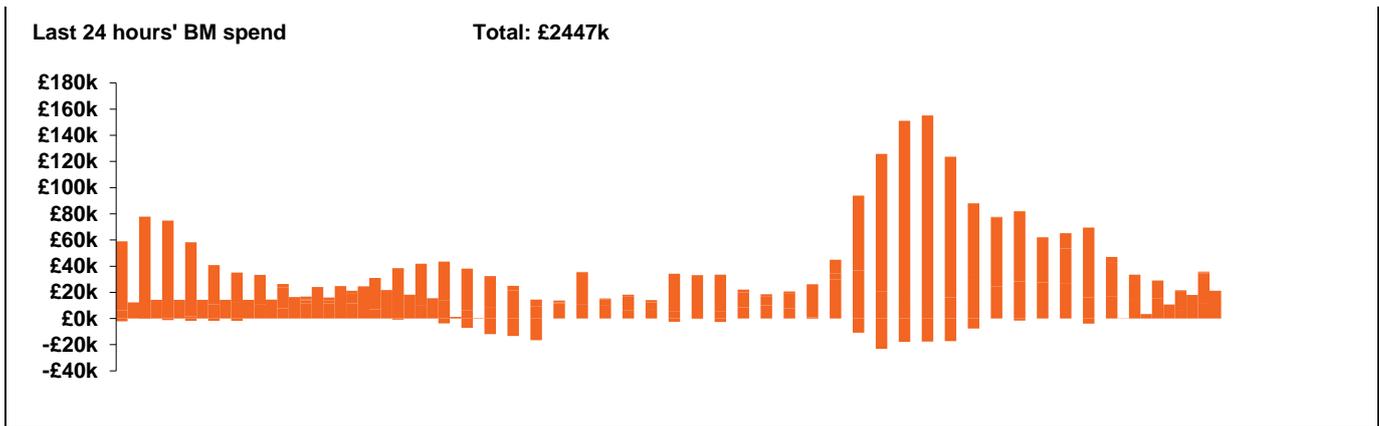


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 30 December 2020

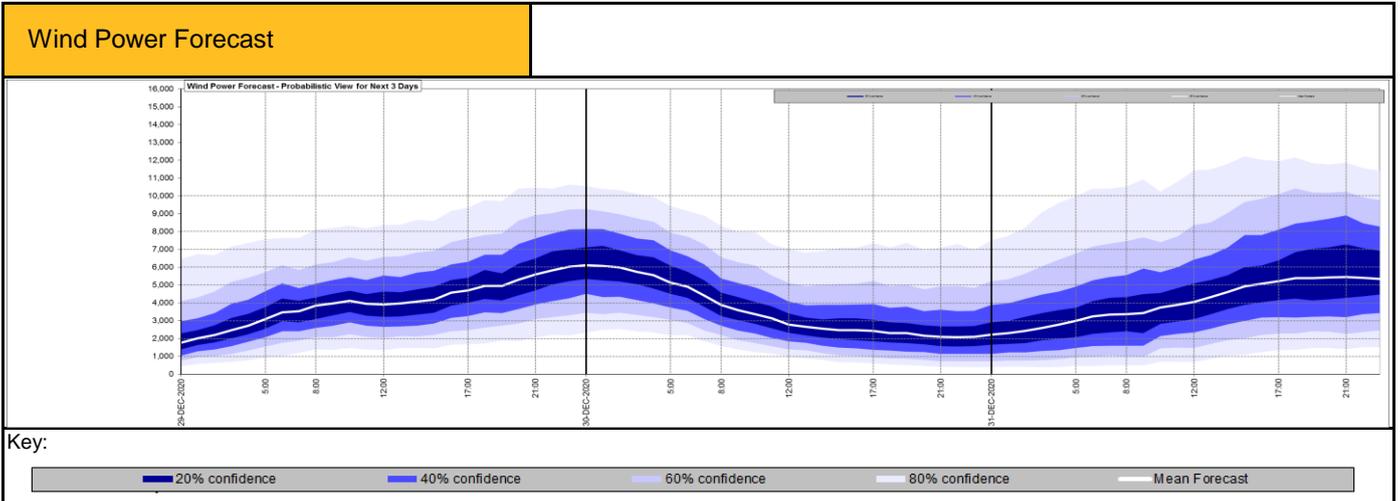
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	-1844 (SP 37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



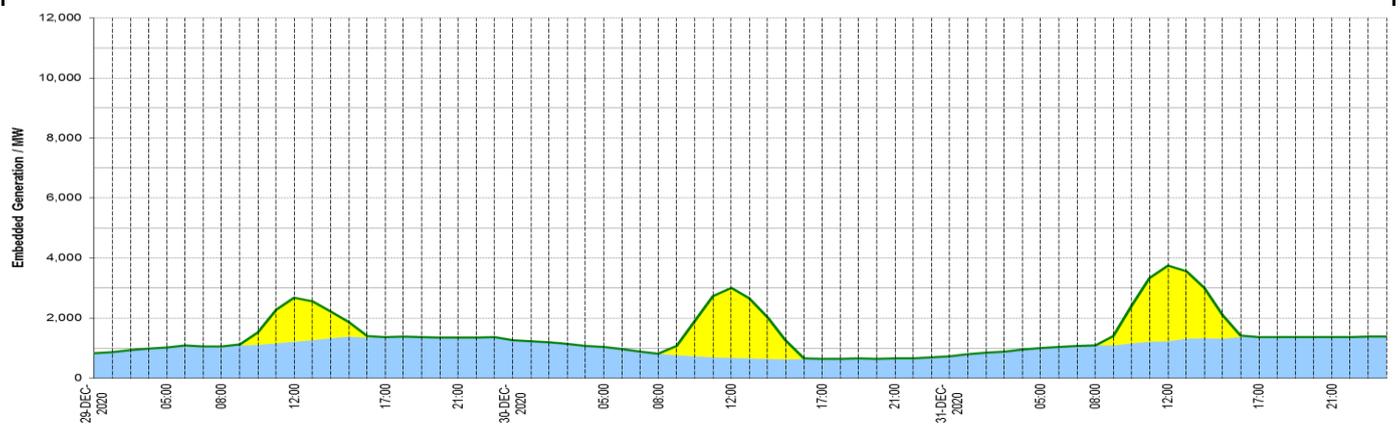
Yesterday's Market Summary	
Cash out price (Max)	£142.66/MWh (SP 34-37)
Cash Out Price (Min)	£32.11/MWh (SP 15-19)
Peak Demand Yesterday	42,198 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available



Expected embedded generation (MWs)

Embedded Generation Forecast	29-DEC-2020					30-DEC-2020					31-DEC-2020						
	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	1	1460	1	0	0	0	0	2321	0	0	0	0	0	2524	0	0
Wind (MW)	1018	1059	1210	1369	1353	1268	1037	816	681	645	652	730	1000	1094	1229	1362	1367
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1018	1060	2670	1370	1353	1268	1037	816	3002	645	652	730	1000	1094	3753	1362	1367



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Wintry showers affecting northern Scotland, Northern Ireland and northwest England, with some longer spells of sleet and snow later. Brighter elsewhere, before rain, sleet and snow affects southern England. Feeling cold for most, but not in the far southwest.</p> <p>Tonight: Rain and sleet clearing away from southeast England. Showers or longer spells of rain and sleet across north and northwest and turning to snow over hills. Dry and cold elsewhere.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of snow Areas affected: Grampian Highlands & Eilean Siar Northern Ireland Strathclyde</p> <p>Yellow warning of ice Areas affected: Grampian Highlands & Eilean Siar Northern Ireland Strathclyde</p> <p>Yellow warning of snow East of England London & South East England South West England Wales Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar London & South East England North East England North West England SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>Yellow warning of ice North West England Wales West Midlands East of England London & South East England South West England Wales</p>
		<p>UK Flood Warnings:</p> <p>54 Flood Warnings issued for England</p> <p>0 Flood Warnings issued for Scotland</p> <p>2 Flood Warnings issued for 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