

**National Electricity
Transmission System Status Report**

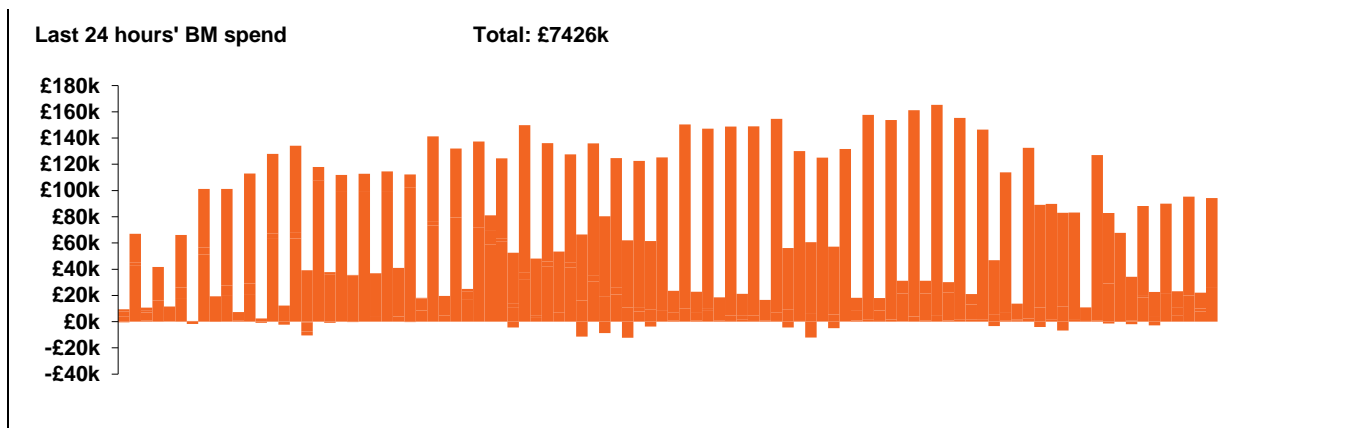


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 27 December 2020

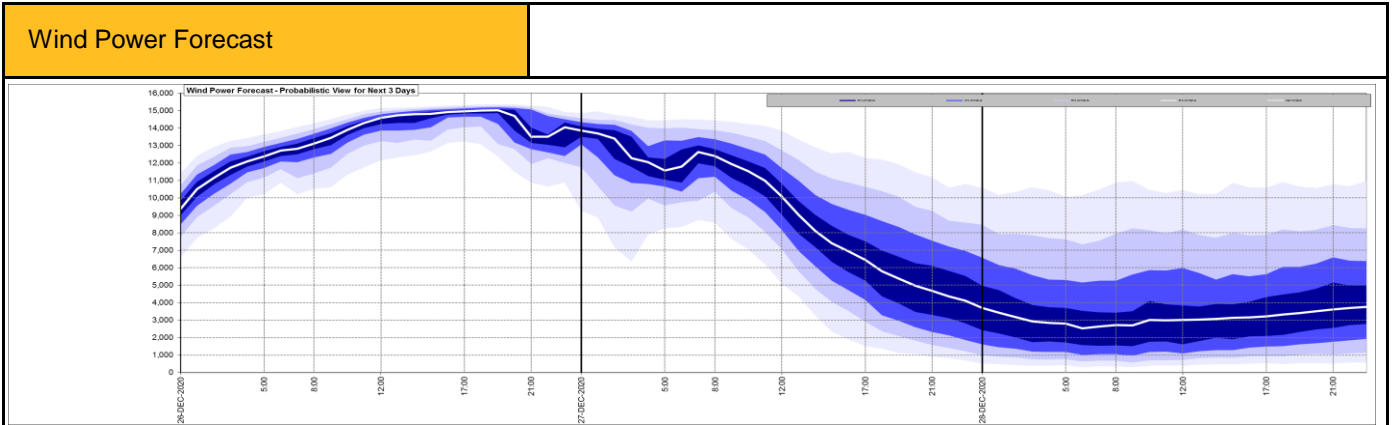
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	10214 (SP 21)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£79.90/MWh (SP 27)
Cash Out Price (Min)	£7.50/MWh (SP 43)
Peak Demand Yesterday	39,451 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



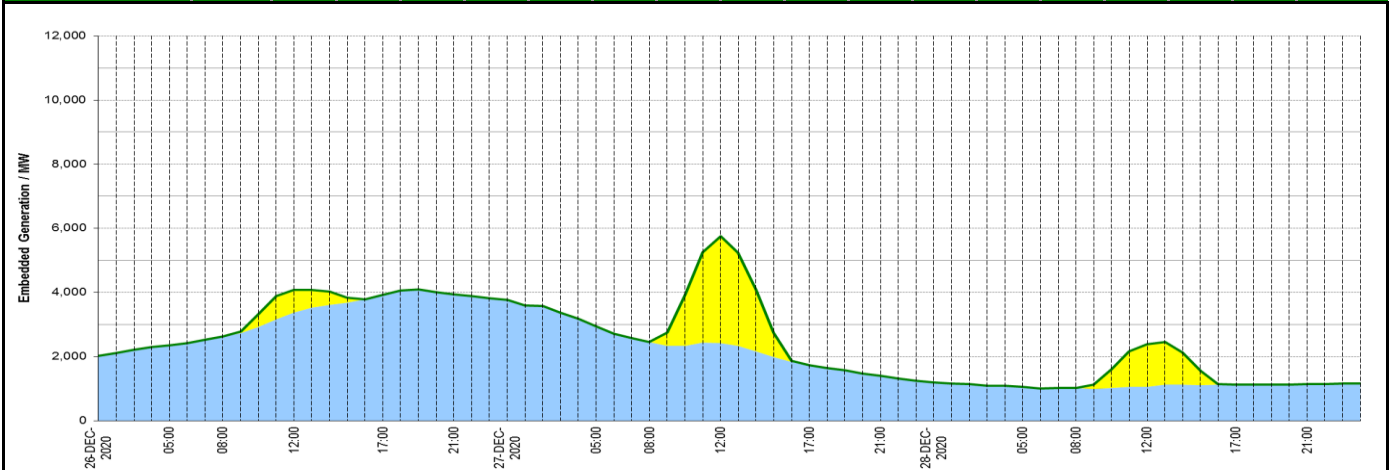
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	25-DEC-2020					26-DEC-2020					27-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	0	2590	0	0	0	0	0	1329	0	0	0	0	0	2940	0	0
Wind (MW)	1093	1020	1247	1794	1931	1935	2333	2625	3366	3821	3950	3814	3076	2403	2294	1408	1034
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1093	1020	3837	1794	1931	1935	2333	2625	4695	3821	3950	3814	3076	2403	5234	1408	1034



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy rain and severe gales across south-eastern areas clearing this morning, then turning colder with sunshine and showers, wintry at times and most frequent and heavy in the north and west. Spell of sleet and snow affecting Scotland later.</p> <p>Tonight: Clear spells allowing frost and ice. Showers, heavy in the west, with an area of rain, sleet and snow moving south across some western and later central areas.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warning of wind Areas affected: East Midlands East of England London & South East England North East England North West England SW Scotland, Lothian Borders South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 15:00 GMT on Sat 26 December Ends: 12:00 GMT on Sun 27 December Very windy weather is expected for parts of England, Wales and the far south of Scotland, leading to disruption to transport and utilities.</p> <p>Yellow warning of rain Areas affected: East Midlands North East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 18:00 GMT on Sat 26 December Ends: 09:00 GMT on Sun 27 December Heavy rain combined with strong winds may lead to some disruption and flooding in places.</p> <p>Amber warning of wind Areas affected: London & South East England South West England Wales</p> <p>ACTIVE Started at: 20:00 GMT on Sat 26 December Ends: 09:00 GMT on Sun 27 December Storm Bella is expected to bring some disruption to travel and utilities over parts of Wales and southern England.</p> <p>Yellow warning of rain Areas affected: London & South East England</p> <p>ACTIVE Started at: 00:00 GMT on Sun 27 December Ends: 09:00 GMT on Sun 27 December Heavy rain combined with strong winds likely to lead to some travel disruption.</p> <p>Yellow warning of snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber</p> <p>ACTIVE Started at: 03:00 GMT on Sun 27 December Ends: 15:00 GMT on Sun 27 December Icy surfaces are likely in many parts, with snow cover mainly in western Scotland, bringing difficult travel conditions</p> <p>Yellow warning of ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber</p> <p>ACTIVE Started at: 03:00 GMT on Sun 27 December Ends: 15:00 GMT on Sun 27 December Icy surfaces are likely in many parts, with snow cover mainly in western Scotland, bringing difficult travel conditions</p> <p>UK Flood Warnings:</p> <p>89 Flood Warnings issued for England 2 severe</p> <p>12 Flood Warnings issued for Scotland</p> <p>6 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