

**National Electricity
Transmission System Status Report**

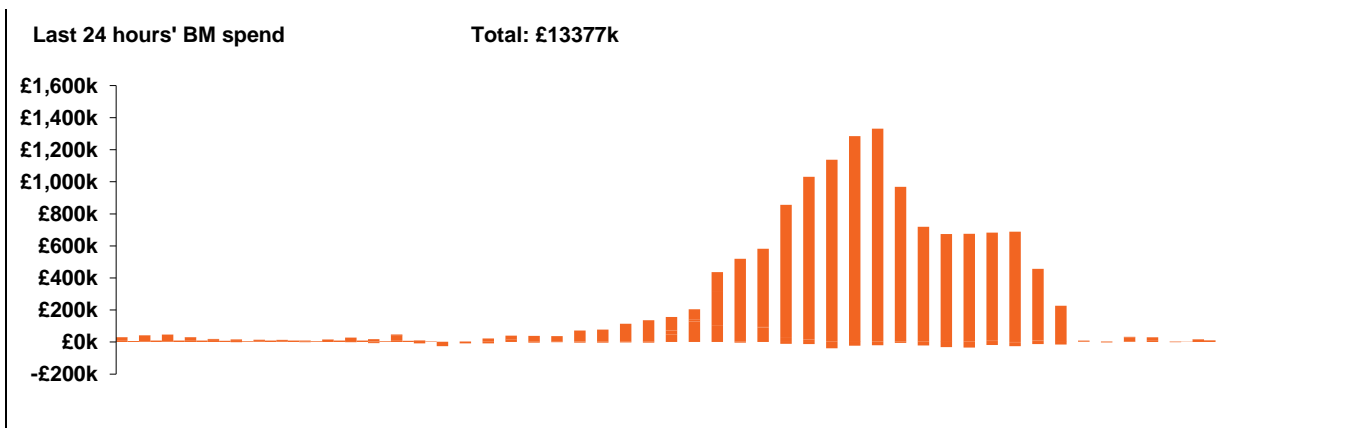


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 14 January 2021

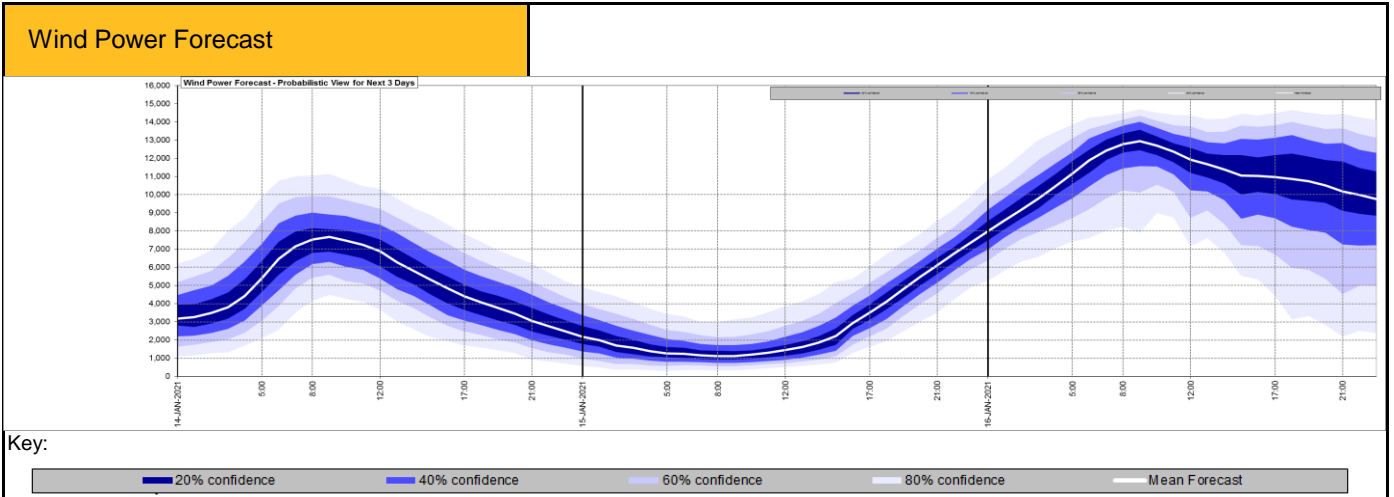
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	118 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



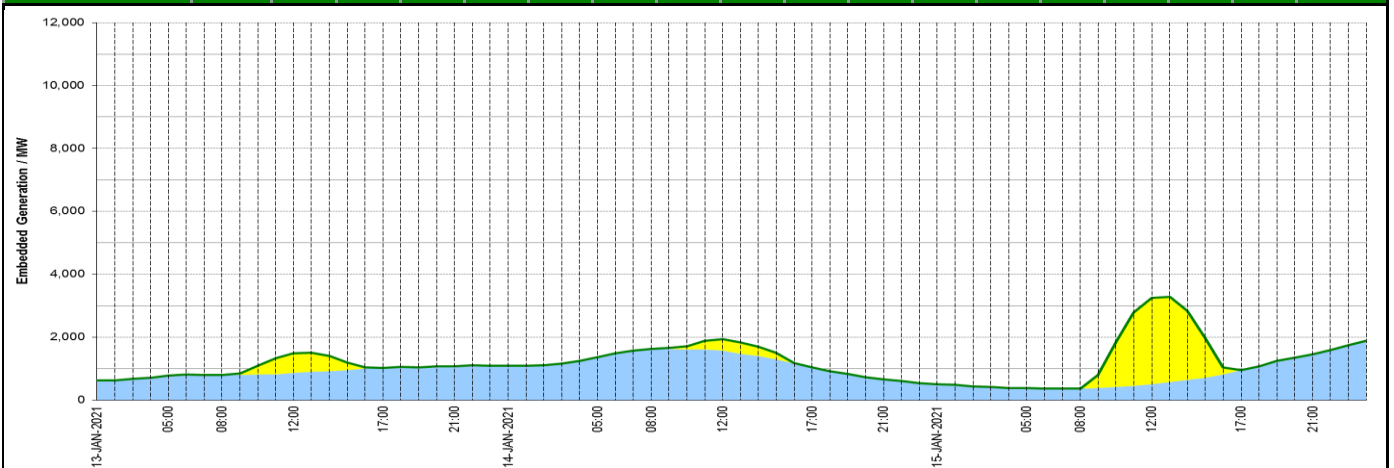
Yesterday's Market Summary	
Cash out price (Max)	£990.00/MWh (SP 27)
Cash Out Price (Min)	£0.00/MWh (SP 15 & 16)
Peak Demand Yesterday	45321MW

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	13-JAN-2021					14-JAN-2021					15-JAN-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	0	637	0	0	0	0	0	372	0	0	0	0	0	2740	0	0
Wind (MW)	778	791	858	1020	1080	1084	1365	1620	1569	1032	658	503	377	373	504	954	1453
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	778	791	1495	1020	1080	1084	1365	1620	1941	1032	658	503	377	373	3244	954	1453



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Many northern, eastern and central areas, cold with a mix of rain, sleet and snow, heavy in places, causing some disruption to travel, especially across higher ground. Rain more likely near coasts, while southwestern areas milder until evening, and windy.</p> <p>Tonight: Rain and snow easing, though slower to clear the far northeast of Scotland. Otherwise a mix of low cloud, freezing fog and some clear spells. Frost and ice potential hazards</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 snow Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber ACTIVE Started at: 08:00 GMT on Wed 13 January Ends: 21:00 GMT on Thu 14 January Heavy snow may affect parts of the warning area, with possible significant travel disruption. - Possible travel delays on roads stranding some vehicles and passengers, especially across higher routes, with potential for road closures. - Possible delays or cancellations to rail and air travel - Power cuts may occur and other services, such as mobile phone coverage, may be affected - Untreated pavements and cycle paths might be dangerous or even impassable, posing a greater risk of injuries and accidents</p> <p>Yellow warning of ice Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber ACTIVE Started at: 08:00 GMT on Wed 13 January Ends: 21:00 GMT on Thu 14 January Heavy snow may affect parts of the warning area, with possible significant travel disruption. - Possible travel delays on roads stranding some vehicles and passengers, especially across higher routes, with potential for road closures. - Possible delays or cancellations to rail and air travel - Power cuts may occur and other services, such as mobile phone coverage, may be affected - Untreated pavements and cycle paths might be dangerous or even impassable, posing a greater risk of injuries and accidents</p> <p>Amber warning of snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England SW Scotland, Lothian Borders Strathclyde ACTIVE Started at: 15:00 GMT on Wed 13 January Ends: 10:00 GMT on Thu 14 January Heavy snow causing disruption. - Travel delays on roads are likely, stranding some vehicles and passengers - Some delays and cancellations to rail and air travel are likely - There is a good chance that some rural communities could become cut off - Power cuts are likely and other services, such as mobile phone coverage, may be affected</p> <p>.</p> <p>UK Flood Warnings:</p> <p>2 Flood Warnings issued for England.</p> <p>0 Flood Warning issued for Scotland.</p> <p>0 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