

**National Electricity
Transmission System Status Report**

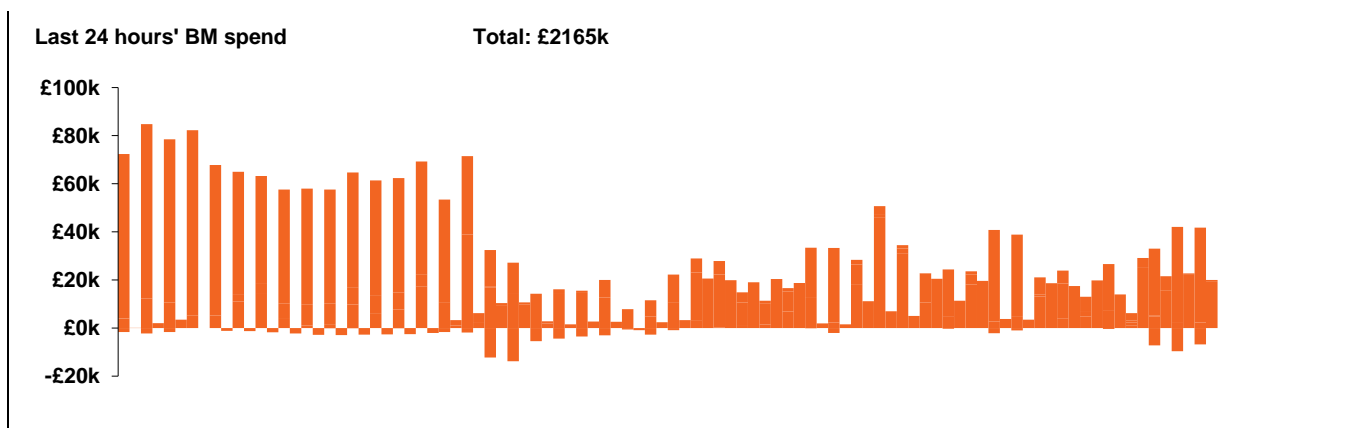


national**grid**ESO

National Electricity Transmission System Status Report
Monday 08 February 2021

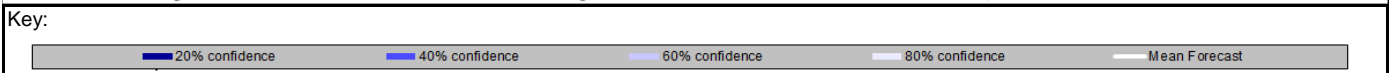
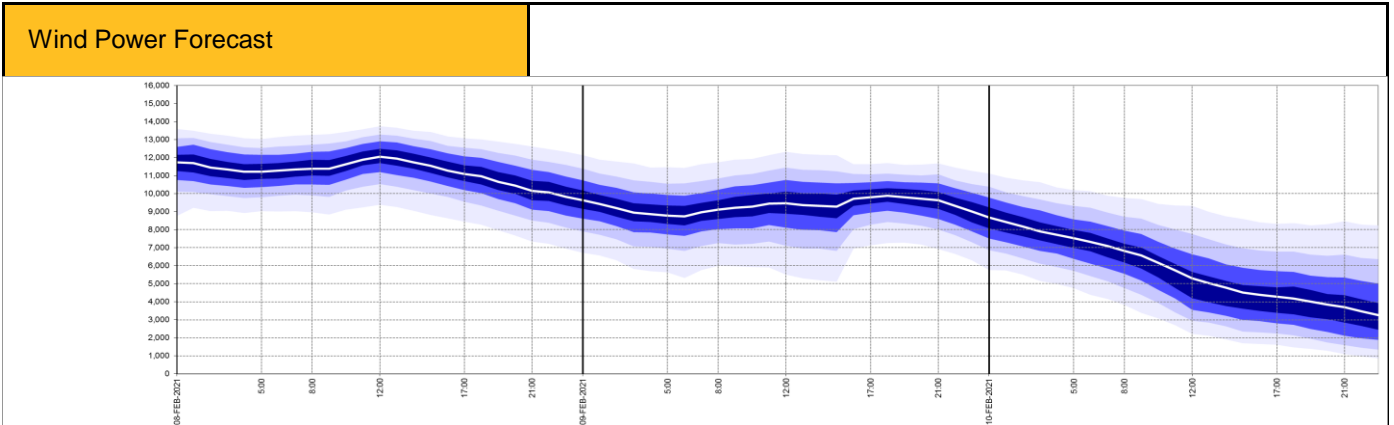
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6522 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



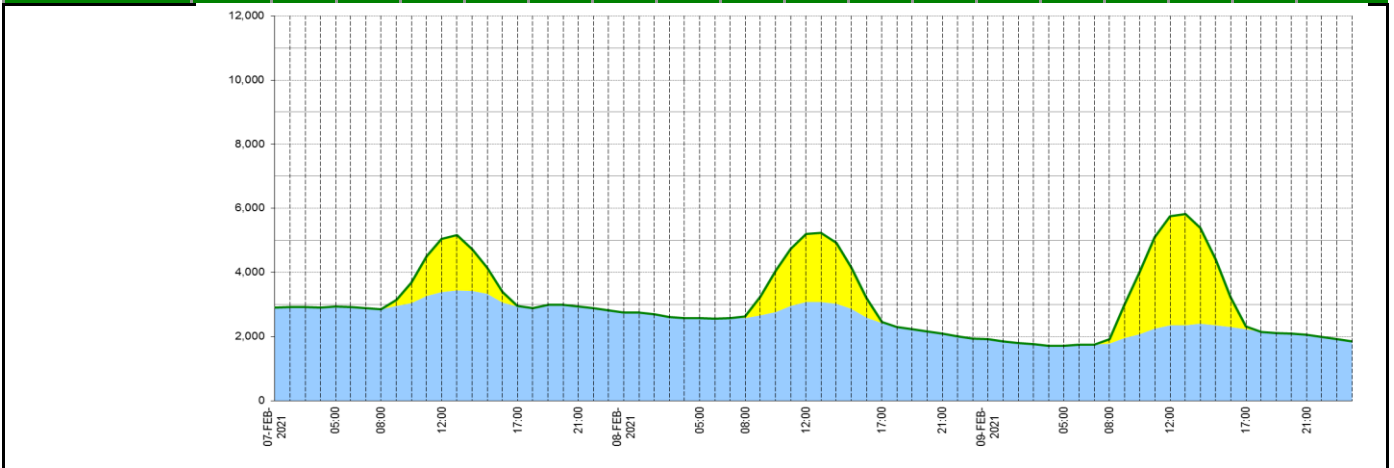
Yesterday's Market Summary	
Cash out price (Max)	£84.15 / MWh (SP 36)
Cash Out Price (Min)	£-8.50 / MWh (SP 9 - 10)
Peak Demand Yesterday	42,235 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	1004	1004	Fully available
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	07-FEB-2021					08-FEB-2021					09-FEB-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	1	1670	25	0	0	0	57	2127	28	0	0	0	140	3412	92	0
Wind (MW)	2932	2856	3383	2937	2935	2742	2582	2577	3070	2422	2089	1915	1707	1787	2347	2221	2057
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2932	2857	5053	2962	2935	2742	2582	2634	5197	2450	2089	1915	1707	1927	5759	2313	2057



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Strong easterly winds will make it feel bitterly cold across much of the UK, with further snow showers feeding westwards. These showers merging into some longer spells of snow over some eastern areas, whilst always drier and brighter further west.</p> <p>Tonight: Some clear intervals, but often a good deal of cloud giving a few light snow showers in the west, but more frequent and heavier in eastern areas.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Yellow warning of snow Areas affected: East of England London & South East England ACTIVE Start: 23:00 GMT on Sat 6 February End: 06:00 GMT on Mon 8 February Heavy snow at times will bring some travel disruption. - Possible travel delays on roads stranding some vehicles and passengers - Possible delays or cancellations to rail and air travel - Some rural communities could become cut off - Power cuts may occur and other services, such as mobile phone coverage, may be affected</p> <p>Amber warning of snow Areas affected: East of England London & South East England ACTIVE Start: 04:00 GMT on Sun 7 February End: 12:00 GMT on Mon 8 February Heavy snow is likely to bring widespread travel disruption - Long delays and cancellations on bus, rail and air travel probably occurring - There is a good chance that roads may become blocked by deep snow, with many stranded vehicles and passengers likely - Long interruptions to power supplies and other services, such as gas, water, telephone and mobile phone coverage likely</p> <p>Yellow warning of snow Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar London & South East England North East England North West England Orkney & Shetland SW Scotland, Lothian Borders South West England Strathclyde West Midlands Yorkshire & Humber ACTIVE Start: 00:00 GMT on Mon 8 February End: 23:59 GMT on Wed 10 February Frequent snow showers may lead to travel disruption in places. Some places are likely to miss the showers altogether. - Some roads and railways likely to be affected with longer journey times by road, bus and train services. Small chance of longer travel delays in places with some stranded vehicles and passengers, along with delayed or cancelled rail and air travel. - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths - There is a slight chance that some rural communities could become cut off - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected</p> <p>Amber warning of snow Areas affected: East Midlands Yorkshire & Humber Start: 06:00 GMT on Mon 8 February End: 14:00 GMT on Mon 8 February Frequent heavy snow showers will lead to some travel disruption today. - Travel delays on roads are likely, stranding some vehicles and passengers - Some delays and cancellations to rail and air travel are likely - Power cuts are likely and other services, such as mobile phone coverage, may be affected</p> <p>UK Flood Warnings: 37 Flood Warnings issued for England. 0 Flood Warnings issued for Scotland. 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