

**National Electricity
Transmission System Status Report**

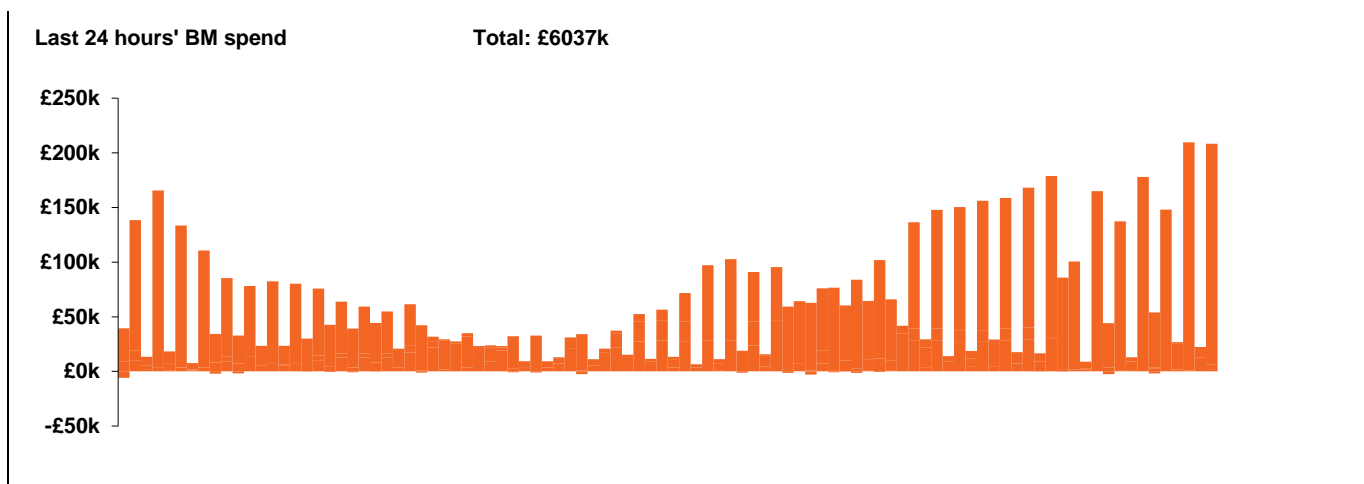


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 01 February 2020

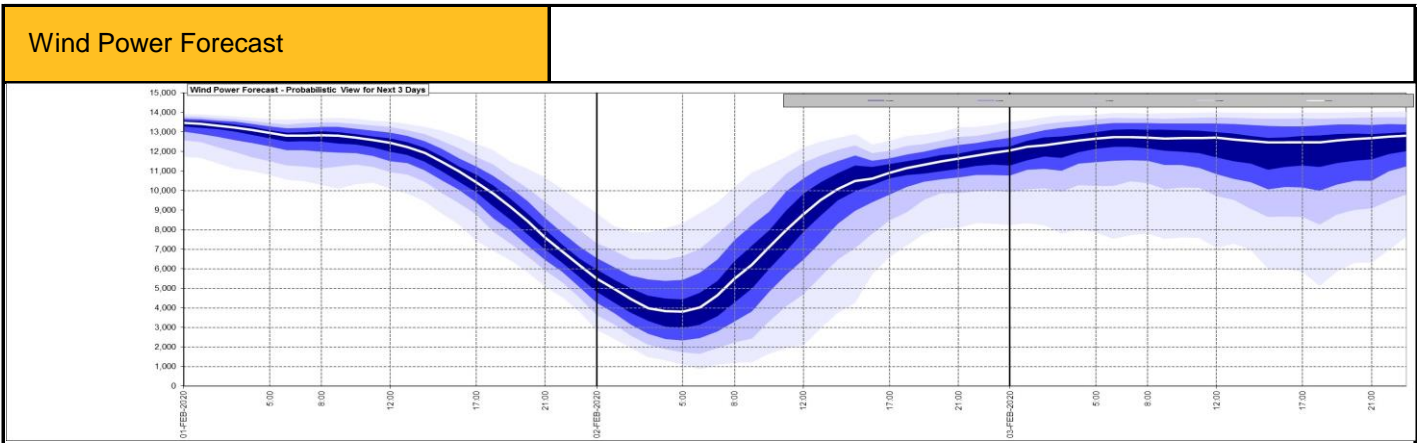
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	9403 (SP 37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£51.70/MWh (SP 16)
Cash Out Price (Min)	£2.20 /MWh (SP 32)
Peak Demand Yesterday	38,919MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



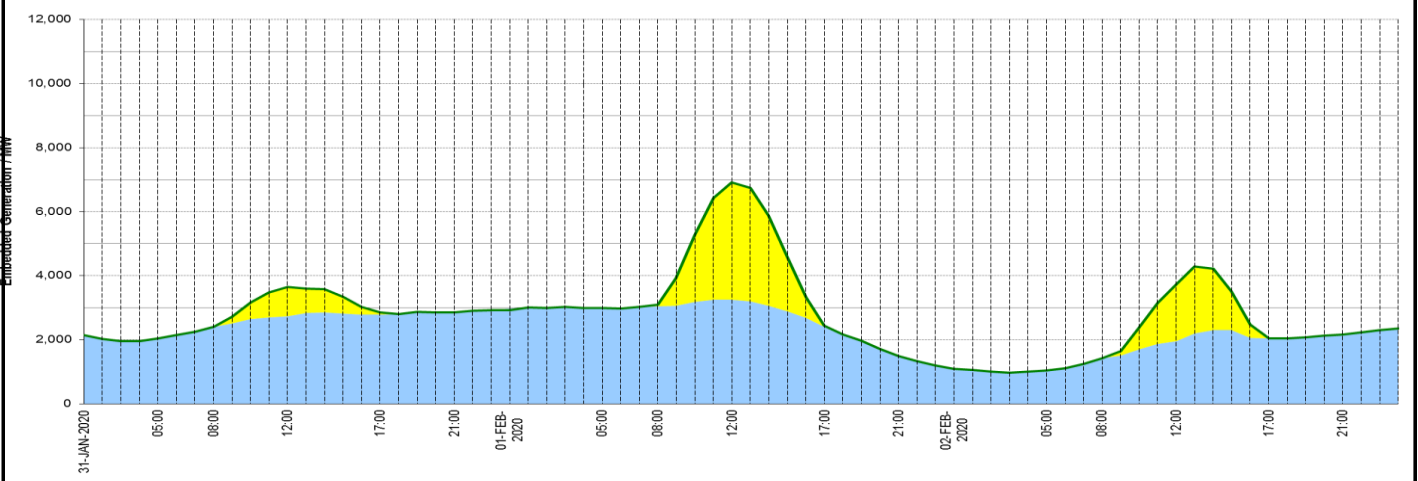
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	31-JAN-2020					01-FEB-2020					02-FEB-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	909	79	0	0	0	54	3656	23	0	0	0	0	1783	0	0
Wind (MW)	2047	2403	2739	2779	2858	2975	2999	3050	3251	2414	1498	1090	1041	1414	1958	2046	2173
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2047	2404	3648	2858	2858	2933	2999	3104	6907	2437	1498	1090	1041	1414	3741	2046	2173



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Scattered showers possible in the south and west but most of England and Wales seeing decent spells of bright, mild weather. Showers more widespread across northern Britain, although they should ease as it turns somewhat colder. Still rather windy.</p> <p>Tonight: Winds will ease across the north, with clear spells allowing a fairly widespread frost. Further south, temperature dipping before cloud and rain, some heavy, spreads north. Mild by morning here.</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 No weather warnings are in force for the UK</p> <p>Flood warnings There are 0 flood warnings and 25 Flood Alerts in England 7 Flood Alerts in Scotland. There is 1 flood alert in 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