

**National Electricity
Transmission System Status Report**

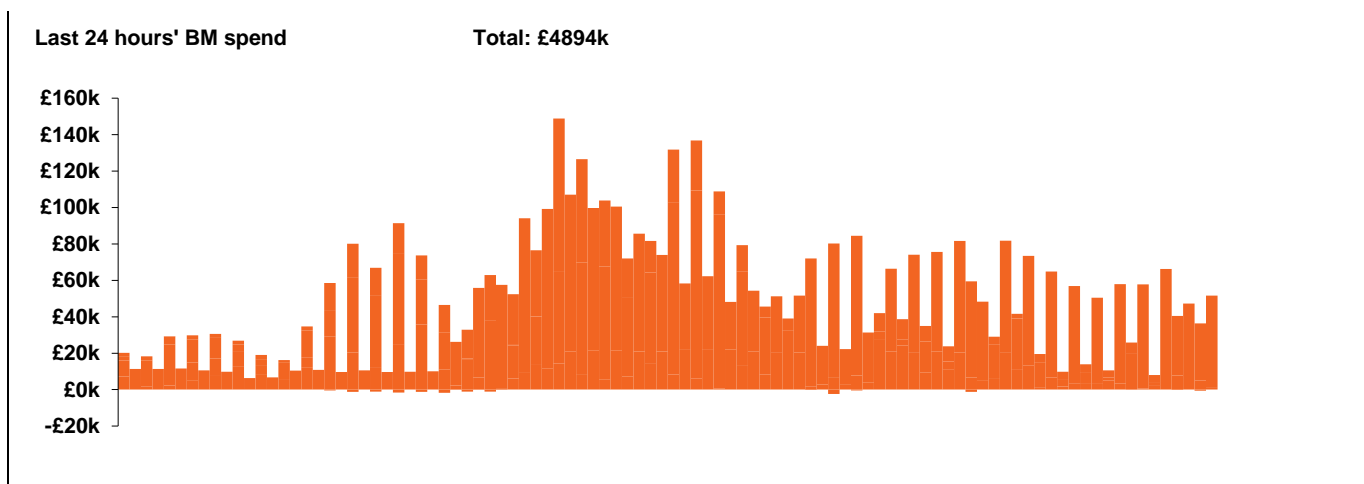


national**grid**ESO

National Electricity Transmission System Status Report
Monday 10 February 2020

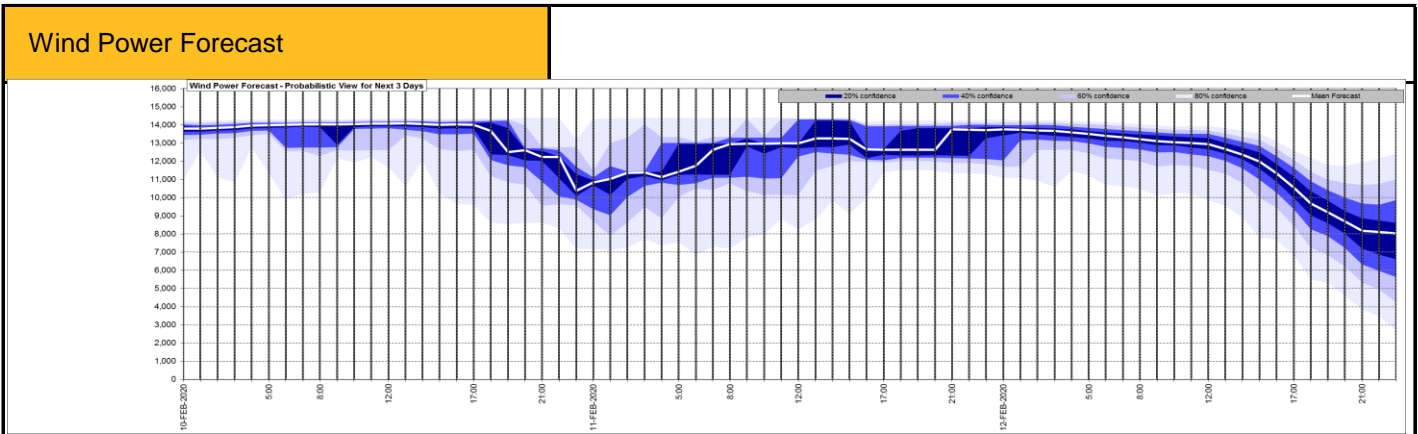
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	12226.32 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£51.50/MWh (SP 25-27)
Cash Out Price (Min)	£1.55 /MWh (SP 11)
Peak Demand Yesterday	38,064 MW

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.



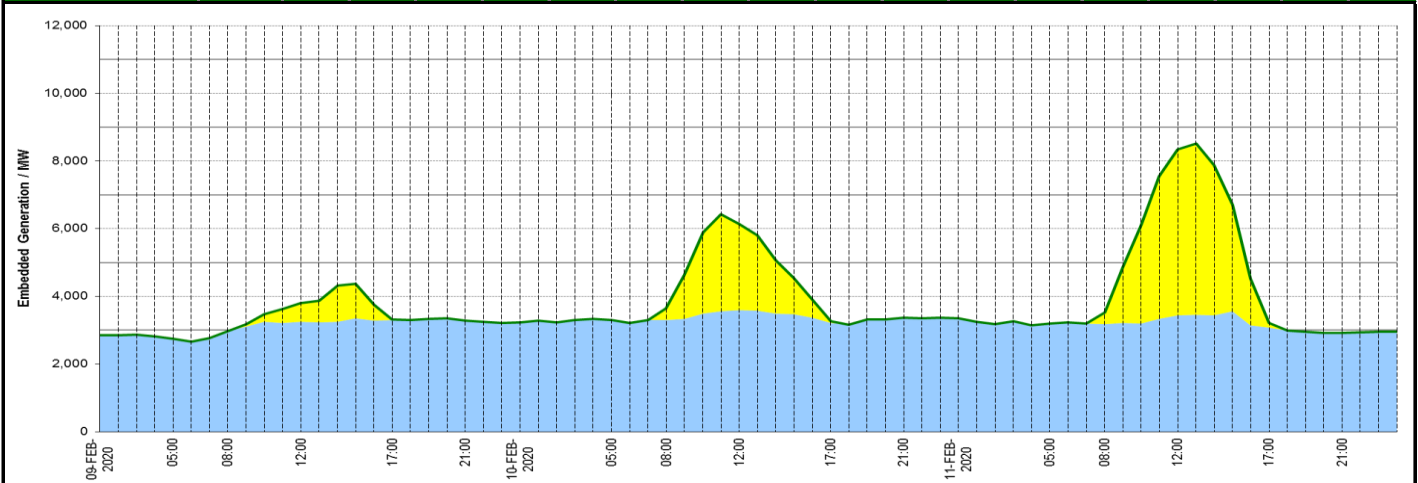
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	09-FEB-2020					10-FEB-2020					11-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	543	31	0	0	0	339	2545	52	0	0	0	342	4909	146	0
Wind (MW)	2753	2972	3252	3292	3288	3230	3302	3304	3591	3214	3368	3346	3195	3184	3442	3072	2915
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2753	2973	3795	3323	3288	3230	3302	3643	6136	3266	3368	3346	3195	3526	8351	3218	2915



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Most areas seeing sunny spells but also blustery showers. Showers heaviest and most frequent in the north and west, with snow over hills, temporary blizzard conditions across the highest routes. Some rain or sleet may cross southern areas. Cold, windy.</p> <p>Tonight: Windy and cold, with occasional blustery showers. These focused across northern and western areas with rain, hail and snow, several centimetres of snow on northern hills. Icy patches.</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 Yellow warning of wind, snow and ice</p> <p>UK Flood Warnings 442 Flood Warnings in England 52 Flood Warnings in Wales 66 Flood Warnings in Scotland</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