

**National Electricity
Transmission System Status Report**

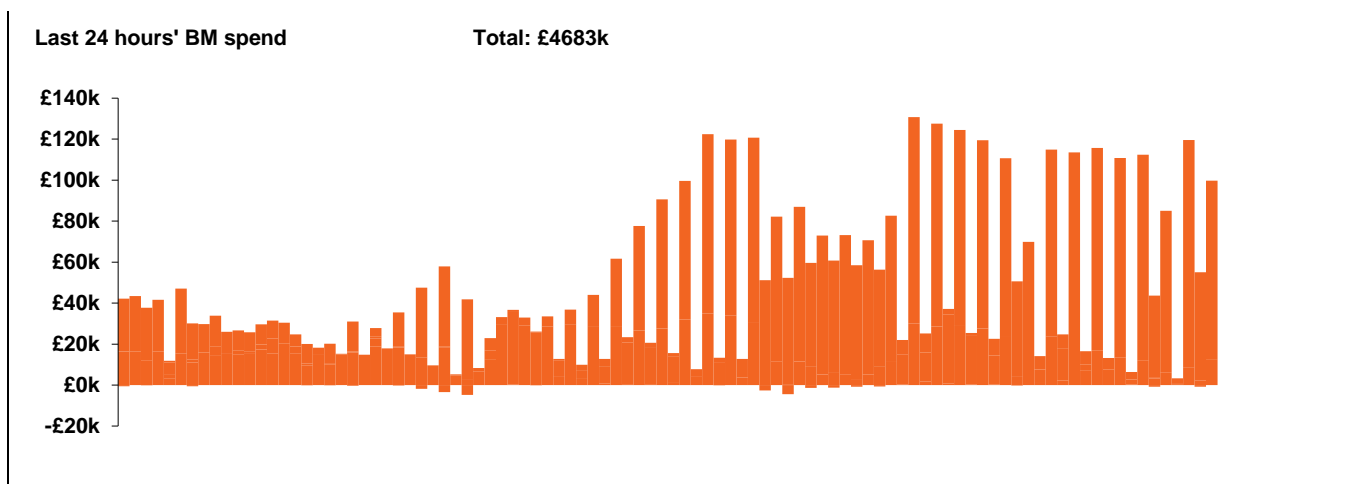


national**grid**ESO

National Electricity Transmission System Status Report
Friday 21 February 2020

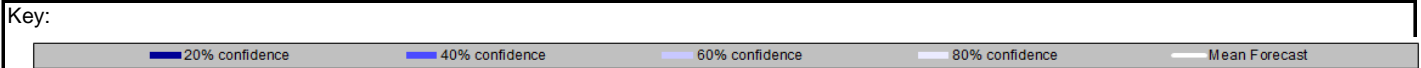
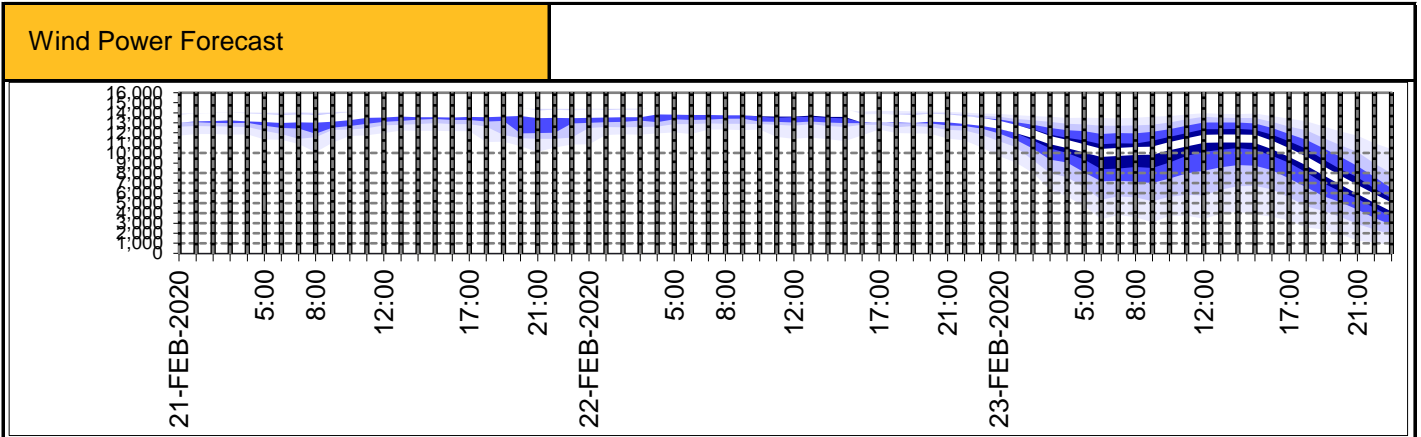
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	13607 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£53/MWh (SP37)
Cash Out Price (Min)	£2.10/MWh (SP32,33)
Peak Demand Yesterday	41,633 MW

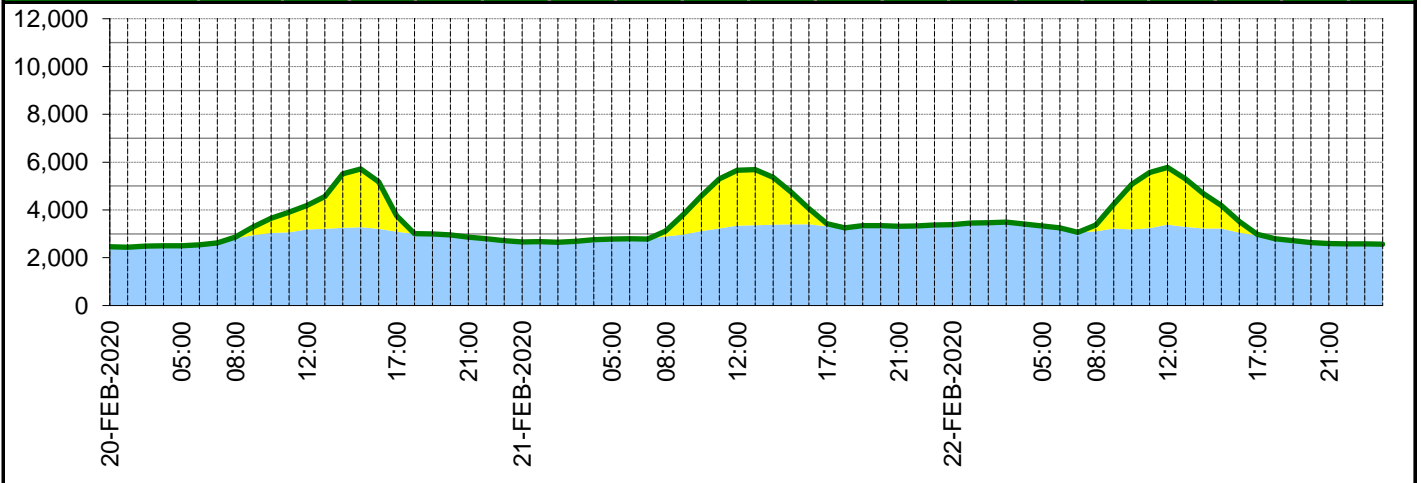
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-FEB-2020					21-FEB-2020					22-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	55	1010	666	0	0	0	221	2328	103	0	0	0	273	2401	63	0
Wind (MW)	2494	2811	3181	3089	2860	2663	2786	2895	3338	3315	3323	3382	3336	3099	3378	2924	2600
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2494	2866	4191	3755	2860	2663	2786	3116	5666	3418	3323	3382	3336	3372	5779	2987	2600



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy rain will again affect northwest Britain, roughly from north Wales northwards, heavy over hills. Much less rain east of hills, while southern areas stay dry although turning cloudier. Fairly mild by afternoon but strong to gale winds offsetting this.</p> <p>Tonight: A weakening rainband will sink south, this dividing mild, windy, cloudy conditions in the south, from windy, showery, colder weather further north. Some and ice and snow for Scottish hills.</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 rain Yellow warning of wind</p> <p>UK Flood Warnings 5 Severe Flood Warnings 82 Flood Warnings 149 Flood Alerts</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