

**National Electricity
Transmission System Status Report**

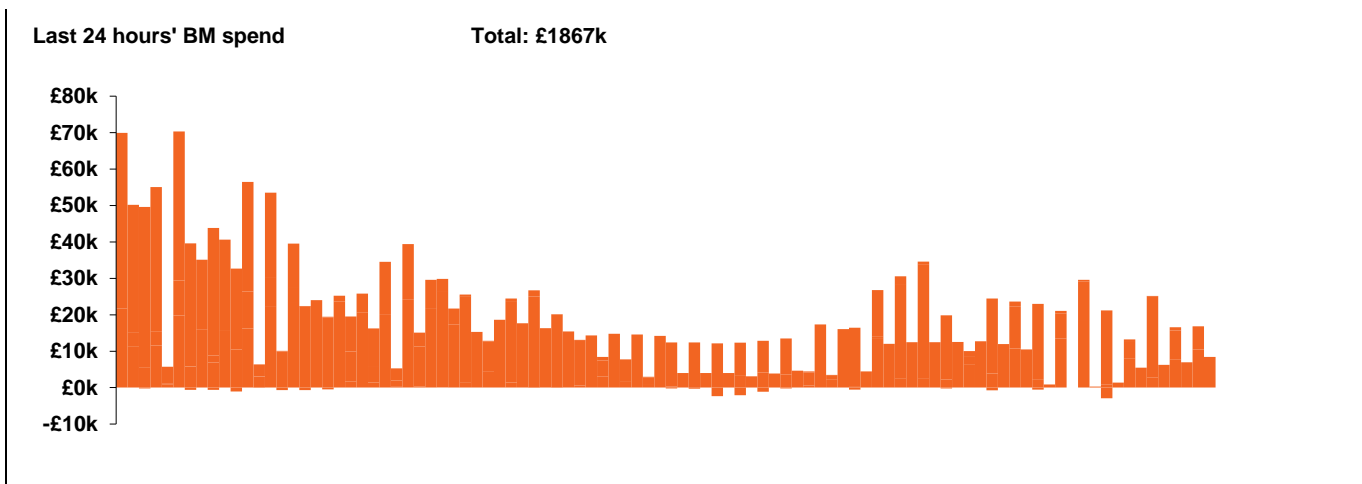


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 19 January 2020

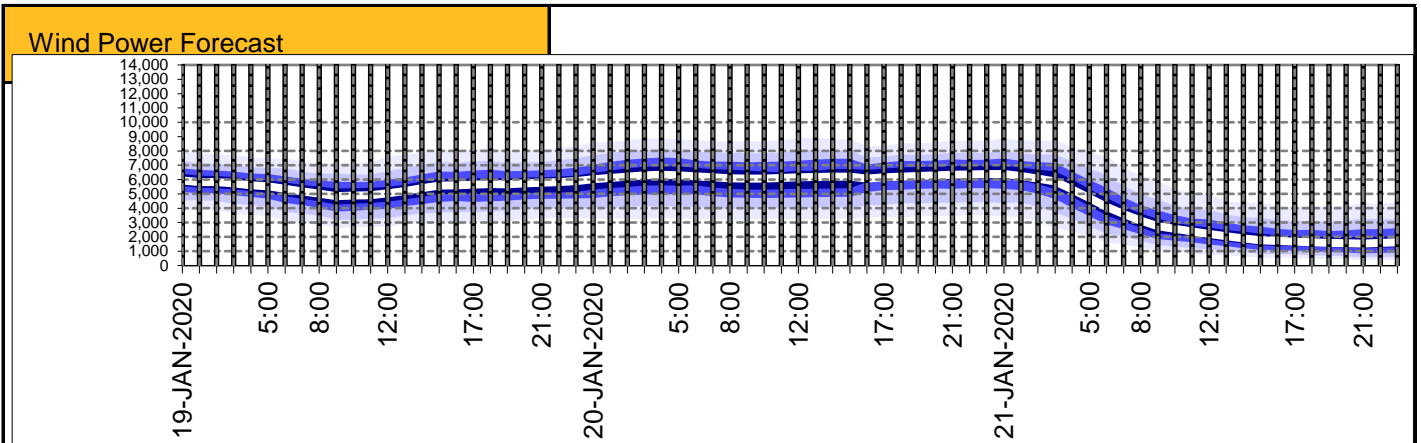
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	5097 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£52.50/MWh (SPs 32, 35, 36, 37, 39)
Cash Out Price (Min)	£0.00/MWh (SP1)
Peak Demand Yesterday	42,207MW

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.

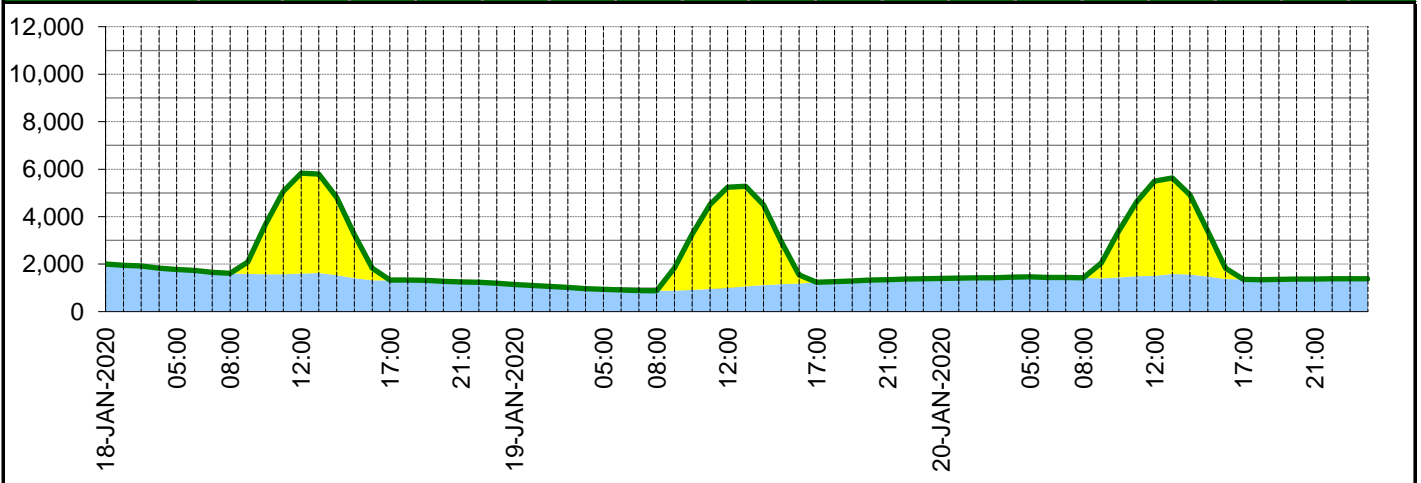


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	18-JAN-2020					19-JAN-2020					20-JAN-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	4230	6	0	0	0	0	4239	0	0	0	0	0	3988	0	0
Wind (MW)	1778	1614	1601	1319	1251	1147	941	878	995	1234	1350	1395	1466	1422	1510	1358	1375
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1778	1615	5831	1325	1251	1147	941	878	5234	1234	1350	1395	1466	1422	5498	1358	1375



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Fog patches in the west could persist all day in a few places. Otherwise, mostly dry with sunny periods after a frosty start. The odd shower near coasts in the south-east, whilst cloudier and windier in the far north.</p> <p>Tonight: Frost and patchy fog in southern areas, whilst cloudier skies further north bringing some rain or drizzle to the far north and north-west, where it will also be windy.</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</p> <p>Yellow warning of fog until Sunday 13:00hrs. Areas affected: North West England South West England Wales West Midlands</p> <p>Dense fog patches may cause travel delays.</p> <p>Flood warnings There are 4 flood warnings in England. There is 1 flood warning in Wales. There are no 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