

**National Electricity
Transmission System Status Report**

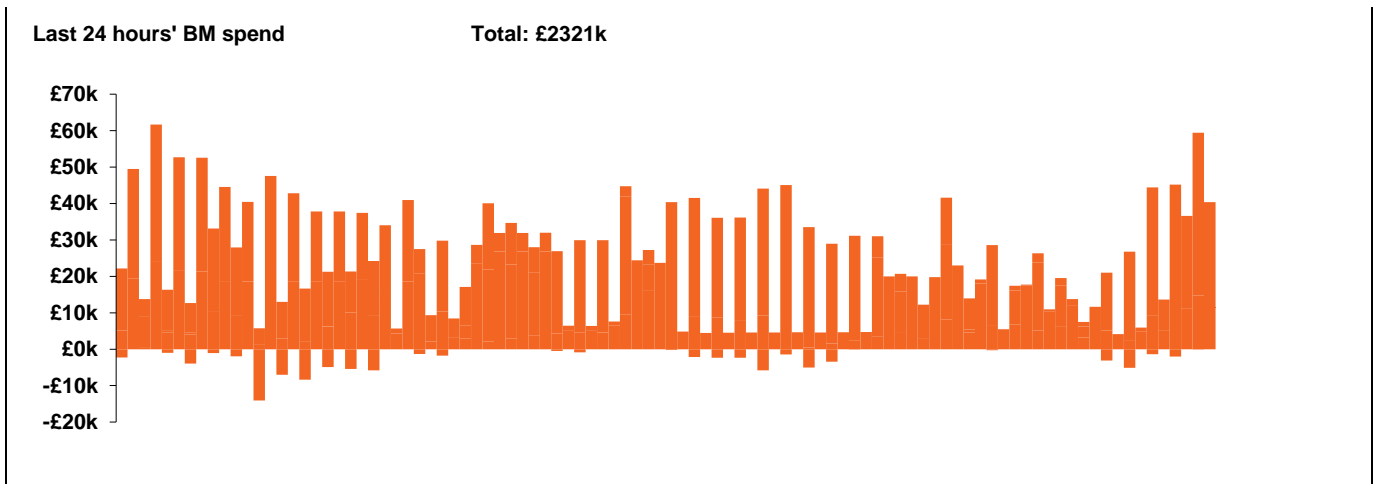


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 18 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			

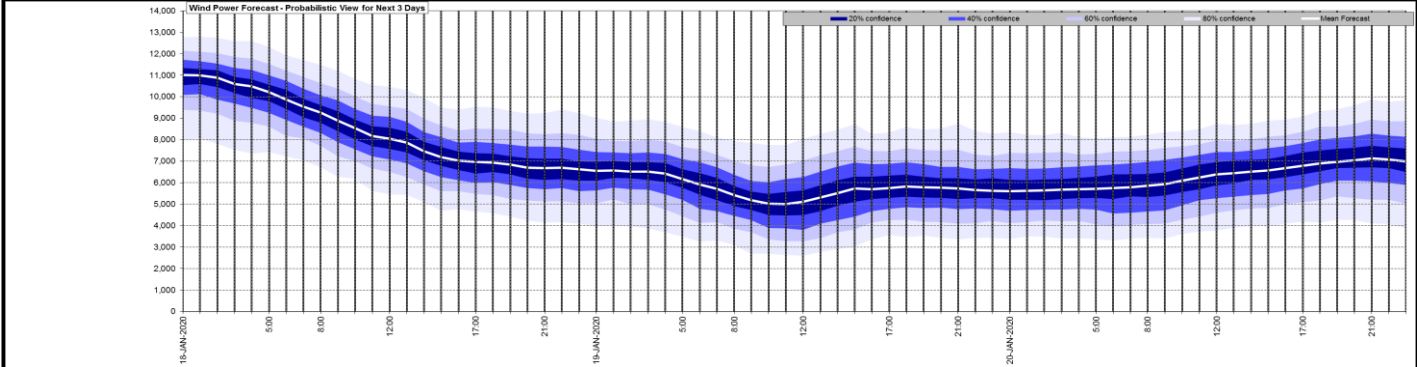
Today's Minimum De-Rated Margin	7886 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£59.75/MWh (SP33, SP34 and SP35)
Cash Out Price (Min)	£2.50/MWh (SP11)
Peak Demand Yesterday	43,864MW

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.

Wind Power Forecast



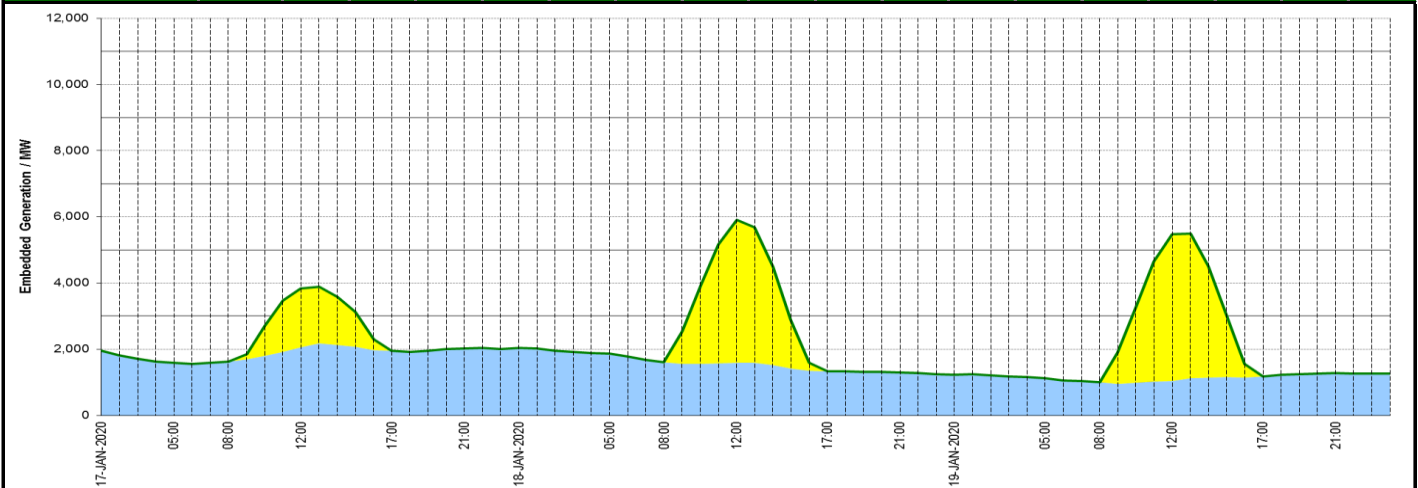
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JAN-2020					18-JAN-2020					19-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	0	1780	0	0	0	0	0	4309	0	0	0	0	11	4441	0	0
Wind (MW)	1582	1630	2057	1951	2016	2034	1862	1605	1597	1334	1294	1234	1121	997	1034	1184	1277
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1582	1630	3837	1951	2016	2034	1862	1605	5906	1334	1294	1234	1121	1008	5475	1184	1277



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Most central and southern areas will be dry with light winds, variable cloud and sunny spells. Windy in the north, with further showers, some of these heavy in the north-west and falling as snow over hills.</p> <p>Tonight: Isolated showers in the north and also parts of eastern England later. Elsewhere, clear periods allowing a widespread sharp frost and also some freezing fog patches in the west.</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 10 Flood Warnings in England. There is 0 Flood Warning in Wales. There are 0 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