

**National Electricity
Transmission System Status Report**

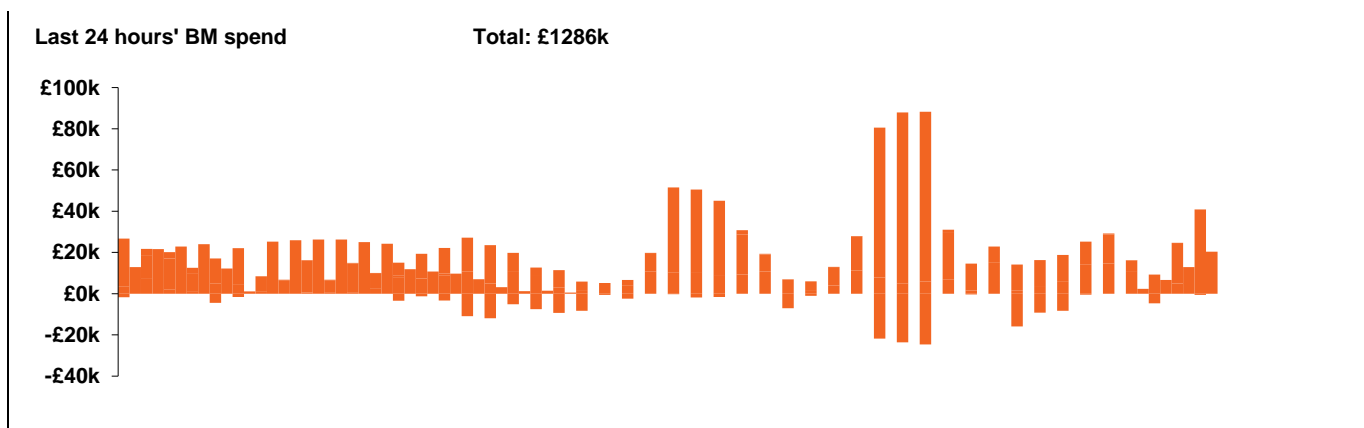


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 03 January 2021

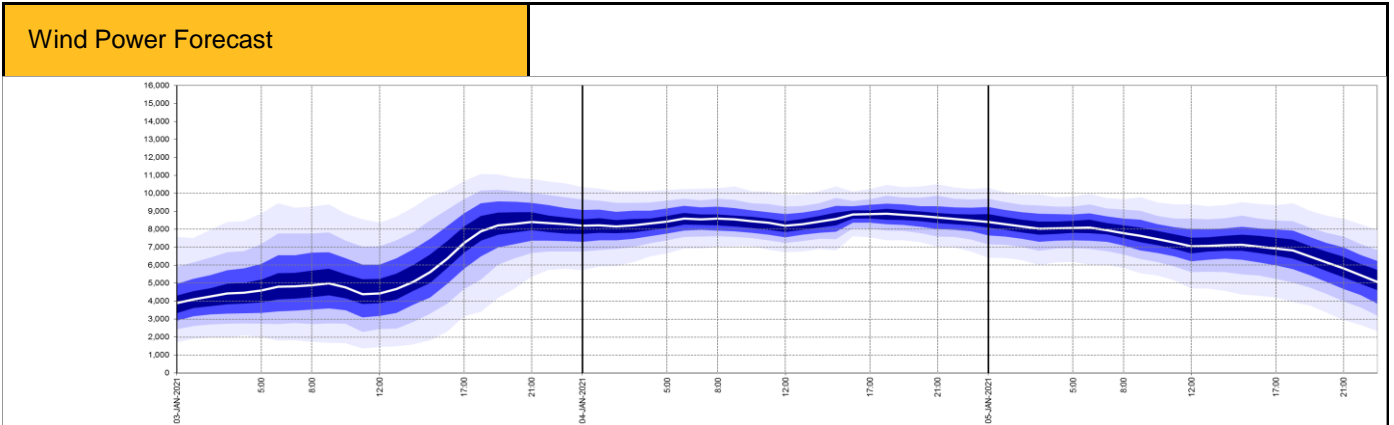
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6760 (SP 34)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£145.00/MWh (SP 34 - 36)
Cash Out Price (Min)	£6.00/MWh (SP 6)
Peak Demand Yesterday	42,236 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	0	0	Outage
Northern Ireland (MOYLE)	500	500	Fully Available



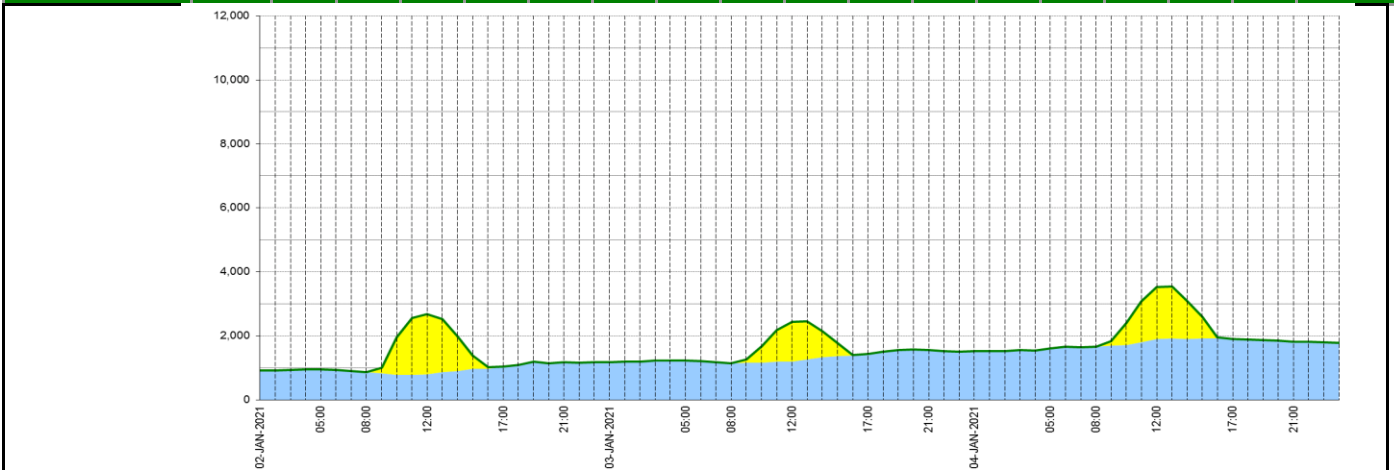
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	02-JAN-2021					03-JAN-2021						04-JAN-2021					
	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	1880	0	0	0	0	0	1241	0	0	0	0	0	1635	0	0
Wind (MW)	953	866	799	1042	1174	1179	1220	1146	1201	1443	1562	1518	1600	1652	1893	1899	1823
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	953	866	2679	1042	1174	1179	1220	1146	2442	1443	1562	1518	1600	1652	3528	1899	1823



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: England, Wales and eastern Scotland rather cloudy, showers focused across North Sea coastal counties, perhaps heavy there, while wintry on higher hills inland. Fewer showers in west, where more brightness too. Northwest Britain fine but very cold. Breezy in south.</p> <p>Tonight: Showers continue in the east, a few still running further west, with some sleet or snow on higher hills. Northwest UK, very frosty with isolated freezing fog. Windy in south.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warnings of snow and ice</p> <p>Areas affected: Central, Tayside & Fife East Midlands Grampian North East England North West England SW Scotland, Lothian Borders Yorkshire & Humber</p> <p>Started at: 18:00 GMT on Sat 2 January Ends: 11:00 GMT on Sun 3 January</p> <p>Icy patches and hill snow may cause tricky travel conditions in some places.</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths
		<p>UK Flood Warnings:</p> <p>7 Flood Warnings issued for England</p> <p>0 Flood Warnings issued for Scotland</p> <p>0 Flood Warnings issued for 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