

**National Electricity
Transmission System Status Report**

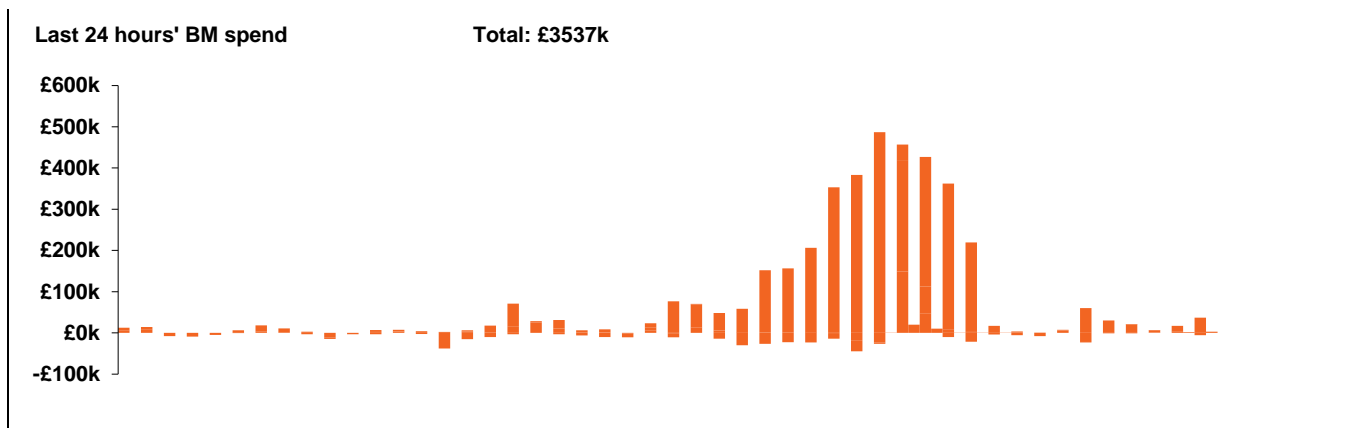


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 07 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	 		

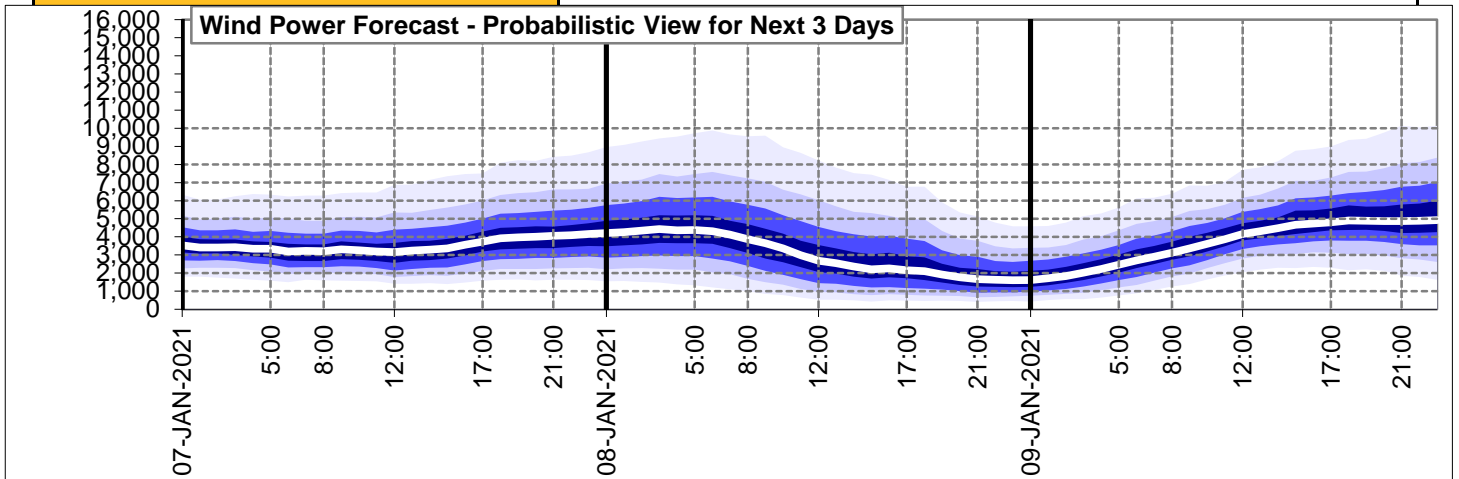
Today's Minimum De-Rated Margin	2443 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£1000 MWh (SP 35)
Cash Out Price (Min)	£0.00 MWh (SP 3,4)
Peak Demand Yesterday	30327 MW

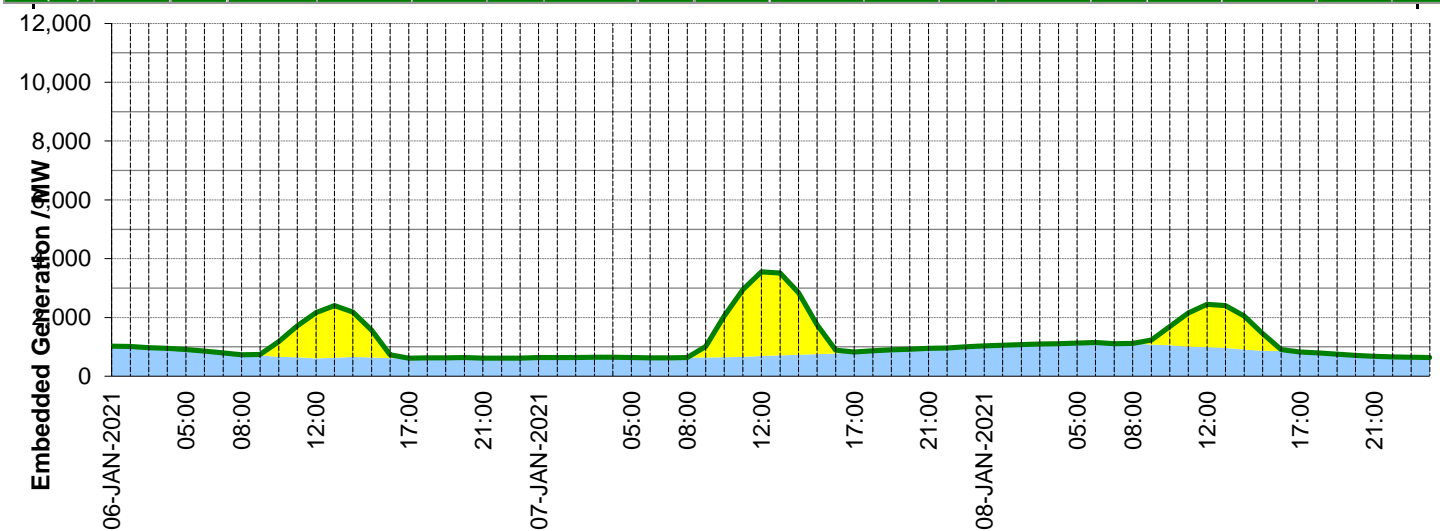
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available

Wind Power Forecast



Embedded Generation Forecast

	06-JAN-2021					07-JAN-2021					08-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	1550	2	0	0	0	0	2865	0	0	0	0	0	1452	0	0
Wind (MW)	903	733	608	612	618	640	632	636	687	827	947	1037	1129	1119	989	822	681
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	903	733	2158	614	618	640	632	636	3552	827	947	1037	1129	1119	2441	822	681



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early rain, sleet and snow over Scotland and Northern Ireland moving into northern England and North Wales, brighter weather and wintry showers following. Elsewhere, mostly dry but early freezing fog patches slow to clear. Feeling cold.</p> <p>Tonight: Outbreaks of rain, sleet and snow and icy patches affecting parts of England and Wales. Southeastern England mainly dry whilst snow showers catch parts of Northern Ireland and northern Scotland.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of snow</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE</p> <p>Started at: 15:00 GMT on Wed 6 January</p> <p>Ends: 23:59 GMT on Thu 7 January Snow and ice causing travel disruption in places.</p> <p>Yellow warning of ice</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE</p> <p>Started at: 15:00 GMT on Wed 6 January</p> <p>Ends: 23:59 GMT on Thu 7 January Yellow warning of ice</p> <p>Areas affected: East Midlands East of England London & South East England North East England Yorkshire & Humber</p> <p>ACTIVE</p> <p>Started at: 16:00 GMT on Wed 6 January</p> <p>Ends: 10:00 GMT on Thu 7 January</p> <p>UK Flood Warnings: 4 Flood Warnings & 30 Flood Alerts issued for England 0 Flood Warnings issued for Scotland 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