

**National Electricity
Transmission System Status Report**

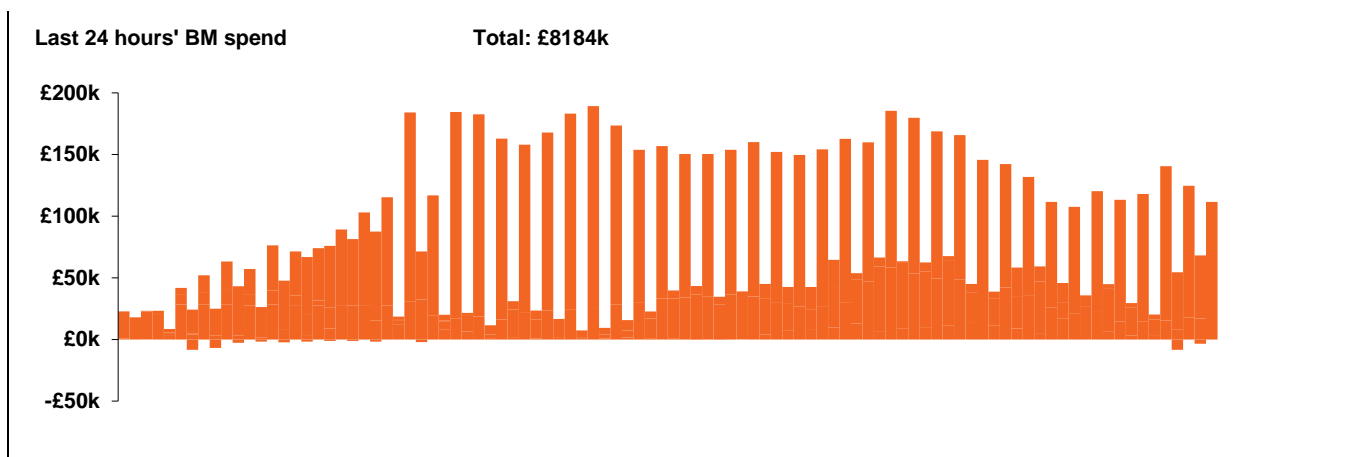


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 17 December 2020

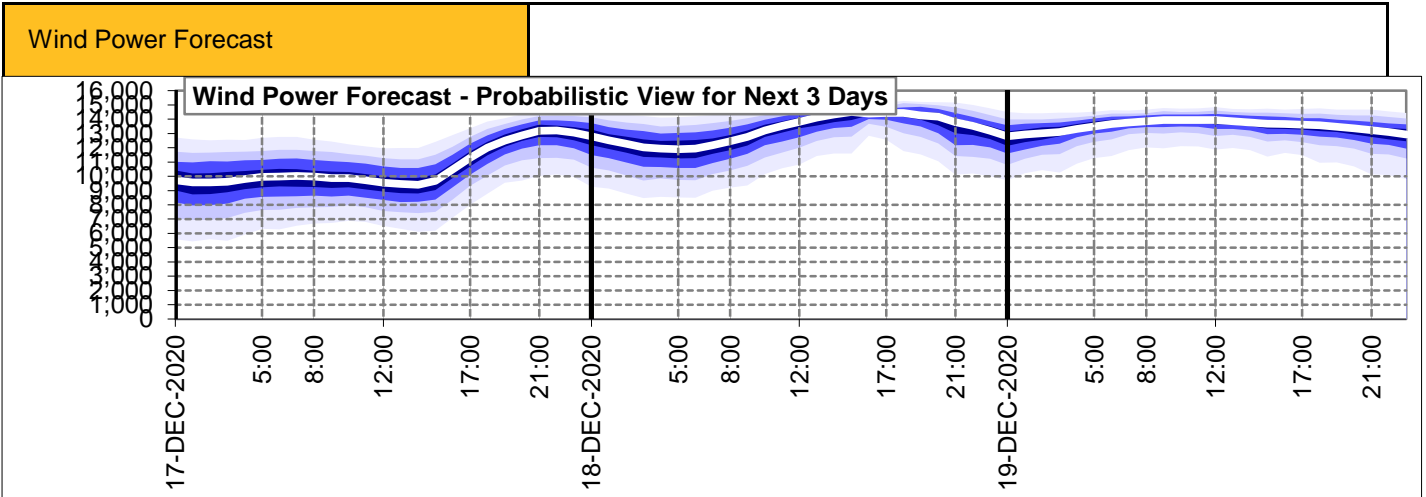
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6827 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



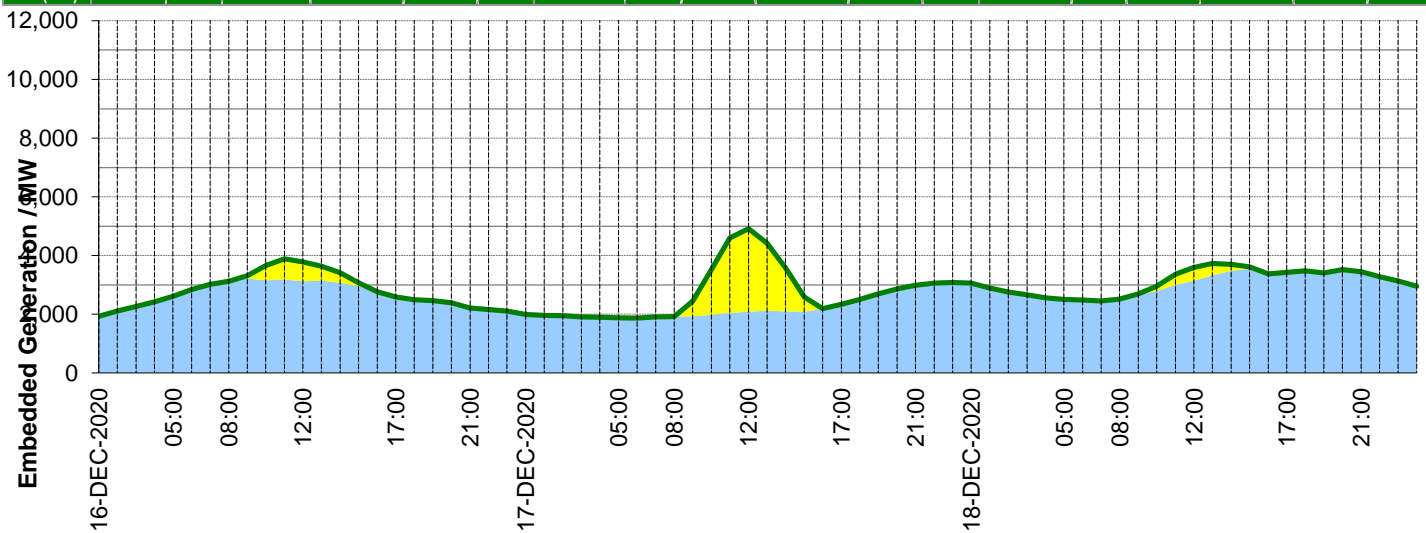
Yesterday's Market Summary	
Cash out price (Max)	£76.00/MWh (SP35)
Cash Out Price (Min)	£2.50 /MWh (SP10,11)
Peak Demand Yesterday	24,841

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



Expected embedded generation (MWs)

Embedded Generation Forecast																	
	16-DEC-2020					17-DEC-2020						18-DEC-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	661	0	0	0	0	0	2831	0	0	0	0	0	440	0	0
Wind (MW)	2608	3120	3125	2592	2215	1997	1875	1914	2084	2340	2983	3057	2509	2517	3149	3430	3446
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2608	3120	3786	2592	2215	1997	1875	1914	4915	2340	2983	3057	2509	2517	3589	3430	3446



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A few showers in the north and west but plenty of dry weather in the south and particularly the east with some sunny spells. Breezy. Rain arriving into the west later. Mild.</p> <p>Tonight: Rain, some heavy, moving eastwards with temperatures staying mild overnight. Drier and clearer spells developing later in the north and northeast. Windy with coastal gales 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>Weather Warnings: Yellow warning of rain</p> <p>Areas affected: South West England Wales</p> <p>Starts: 00:00 GMT on Fri 18 December</p> <p>Ends: 03:00 GMT on Sat 19 December</p> <hr/> <p>UK Flood Warnings:</p> <p>0 Flood Warning and 37 Flood Alerts issued for England</p> <p>0 Flood Warnings and 0 Flood Alerts issued for Scotland.</p> <p>1 Flood Warning and 8 Flood Alerts 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