

**National Electricity
Transmission System Status Report**



national**grid**ESO

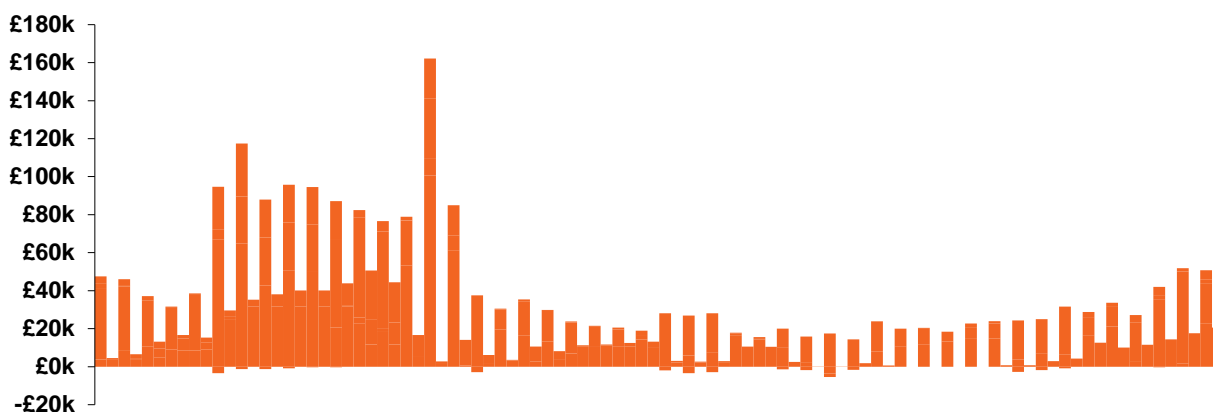
National Electricity Transmission System Status Report
Sunday 15 December 2019

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	5010MW (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

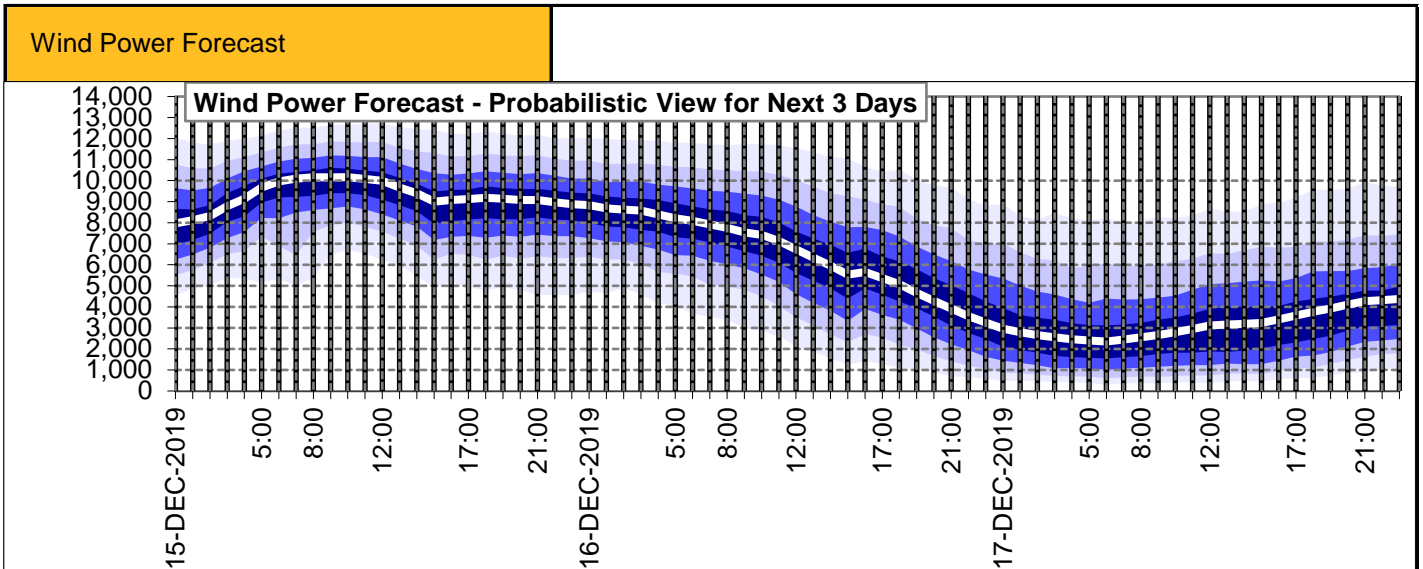
Last 24 hours' BM spend Total: £2695k



Yesterday's Market Summary

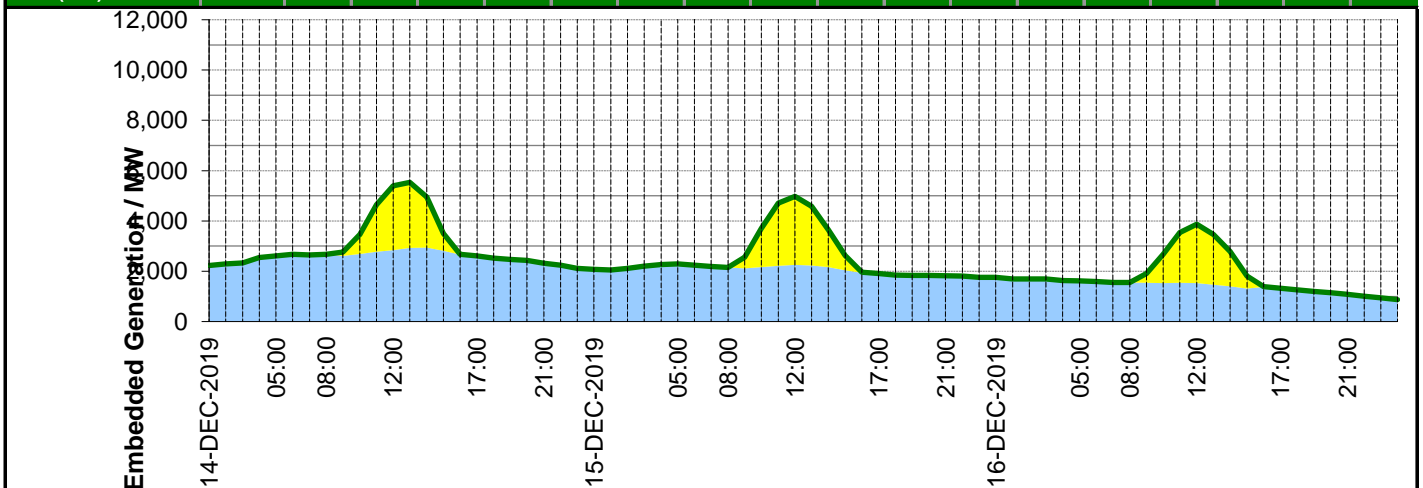
Cash out price (Max)	£59.80/MWh (SP 34-36)
Cash Out Price (Min)	£2.50/MWh (SP 7-11)
Peak Demand Yesterday	40,695 MW

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.



Embedded Generation Forecast

	14-DEC-2019					15-DEC-2019					16-DEC-2019						
	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	2550	0	0	0	0	0	2721	0	0	0	0	0	2339	0	0
Wind (MW)	2612	2671	2842	2611	2320	2059	2291	2146	2259	1910	1822	1760	1619	1548	1533	1319	1081
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2612	2672	5392	2611	2320	2072	2291	2146	4980	1910	1822	1760	1619	1548	3872	1319	1081



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunshine and showers, these most frequent in western areas where they will be heavy at times and wintry on hills in the north. Some eastern areas may stay dry with sunny periods. Windy, especially across the south and feeling cold.</p> <p>Tonight: Further showers for much of the UK, mainly in the west. Showers wintry across hills. Cold with a widespread frost in the north, breezier and less cold further south.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Yellow warning of ice</p> <p>Areas affected: Central, Tayside & Fife East Midlands North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE</p> <p>Started at: 21:00 GMT on Sat 14 December</p> <p>Ends: 11:00 GMT on Sun 15 December</p> <p>Icy patches, with snow mainly on higher level routes, may cause tricky travel</p> <ul style="list-style-type: none"> - Some roads and railways are likely to be affected with longer journey times - Icy surfaces may make accidents and falls more likely. <p>Flood Warnings 10 Flood Warnings Warnings</p> <p style="text-align: right;">England Scotland no Flood Wales no Flood Warnings</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