

**National Electricity
Transmission System Status Report**



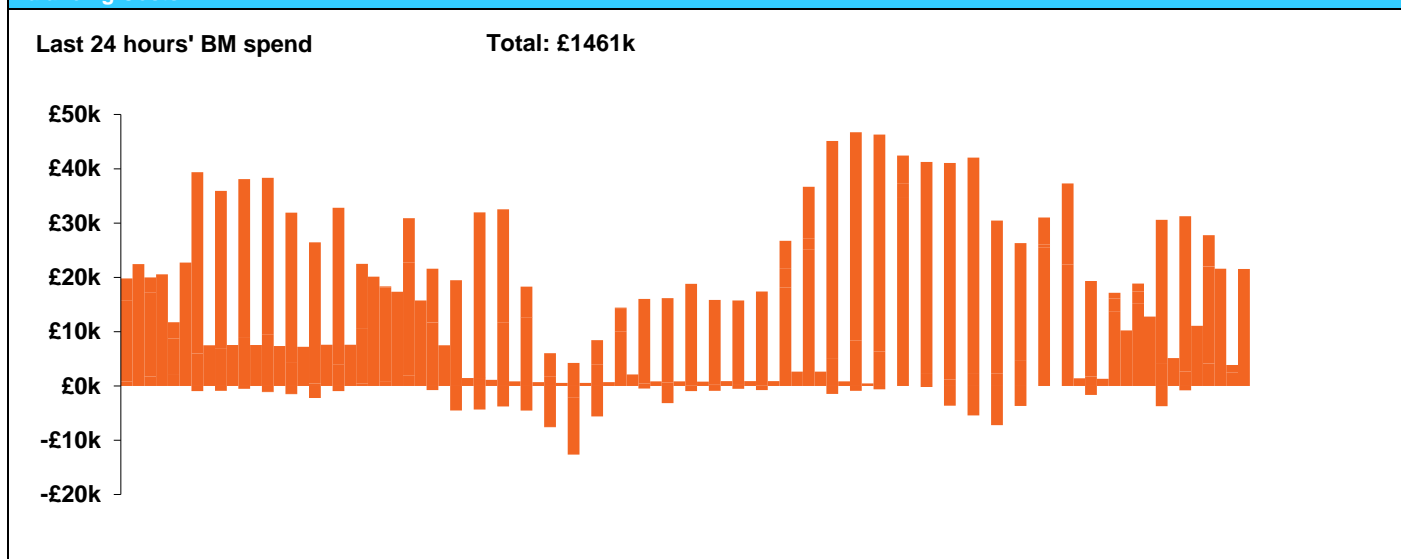
national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 25 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	7356.00 MW (SP 29)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



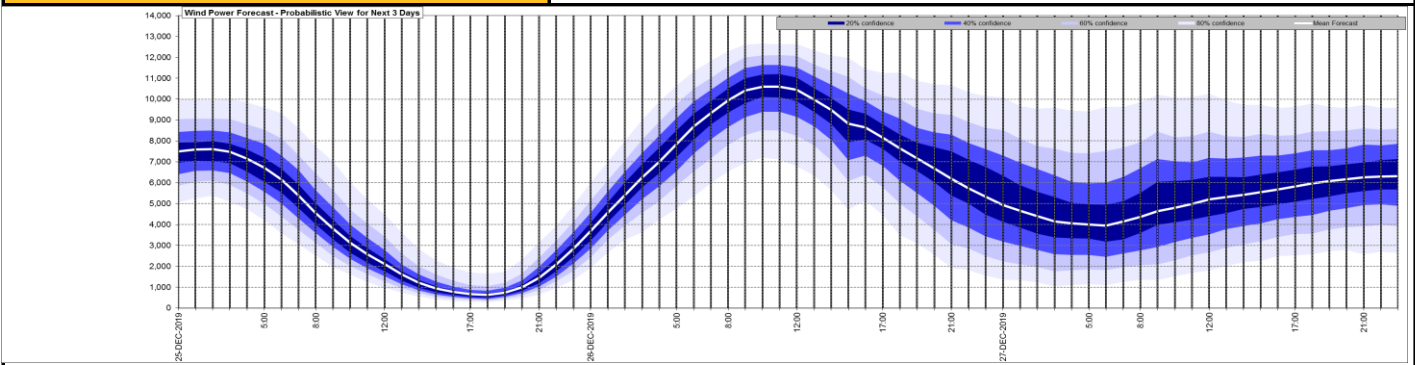
Yesterday's Market Summary

Cash out price (Max)	£57.57/MWh (SP 34)
Cash Out Price (Min)	£4.00/MWh (SP 8)
Peak Demand Yesterday	37,976 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.

Wind Power Forecast



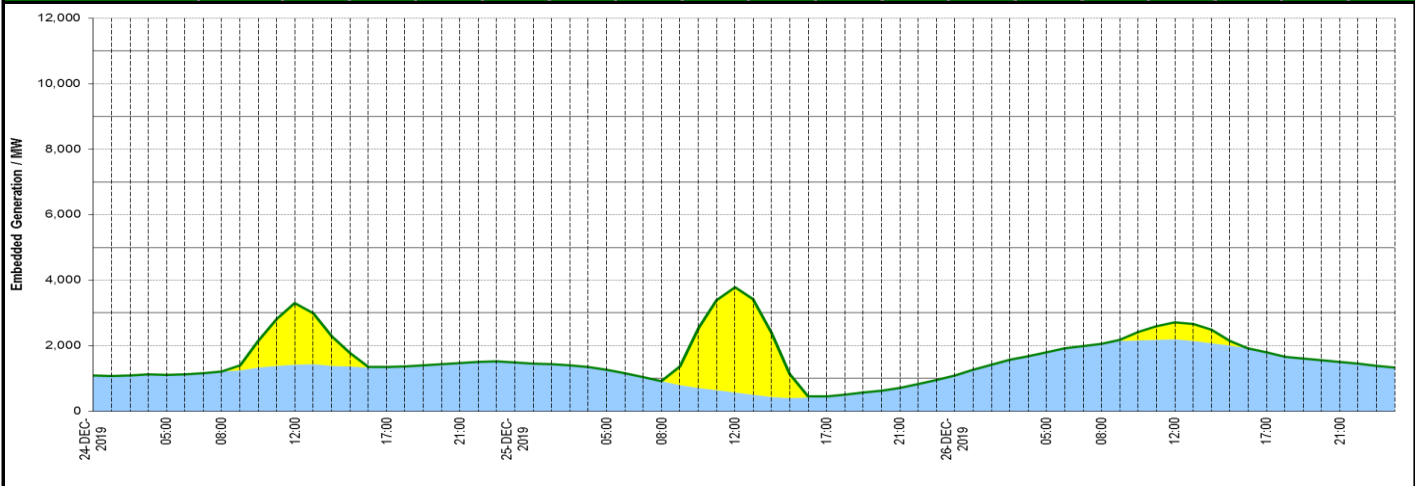
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	24-DEC-2019					25-DEC-2019					26-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	0	1890	0	0	0	0	0	3200	0	0	0	0	0	509	0	0
Wind (MW)	1109	1211	1416	1354	1465	1492	1266	917	579	454	717	1093	1806	2057	2198	1790	1508
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1109	1211	3306	1354	1465	1492	1266	917	3779	454	717	1093	1806	2057	2707	1790	1508



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Scattered showers in the far north, else a dry day with sunny spells. Frost and a few fog patches in north-east Scotland and south-west England this morning, and then in central and eastern areas this evening.</p> <p>Tonight: Frost and fog patches in the north and east, tending to clear as cloud and breeze increases, ahead of a band of rain moving east across western areas.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather warning No weather warnings are in force for the UK</p> <p>Flood Warnings England 150 Flood Warnings. Wales 1 Flood Warning</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