

**National Electricity
Transmission System Status Report**



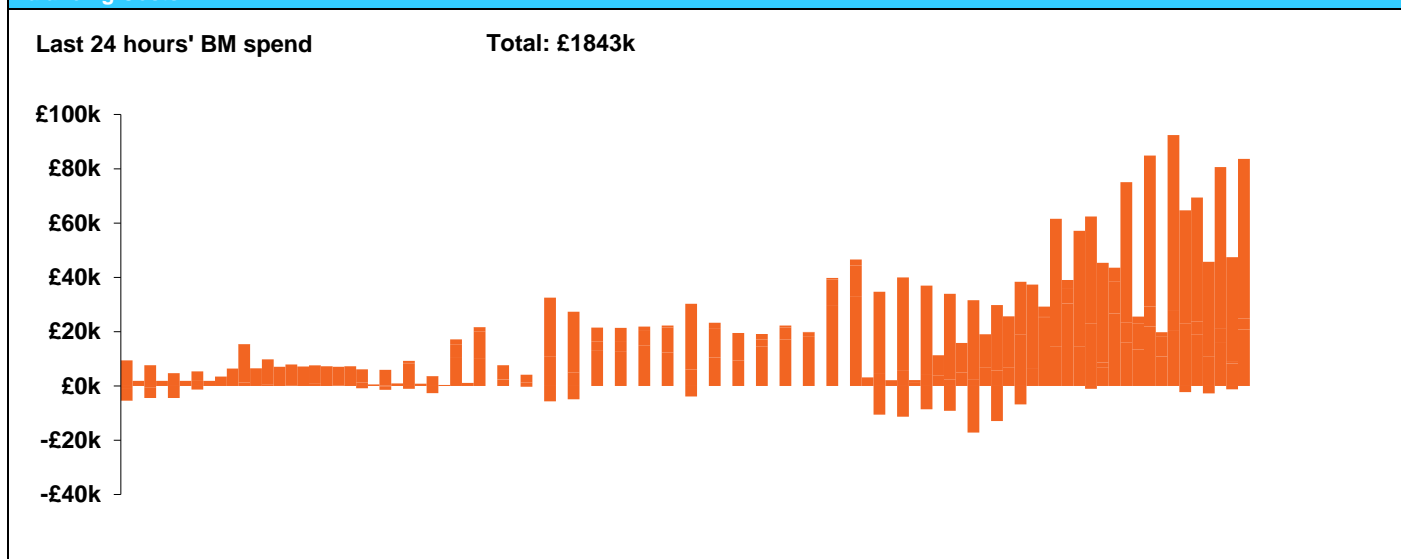
national**grid**ESO

National Electricity Transmission System Status Report
Thursday 19 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			

<u>Today's Minimum De-Rated Margin</u>	8559 MW (SP 35)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

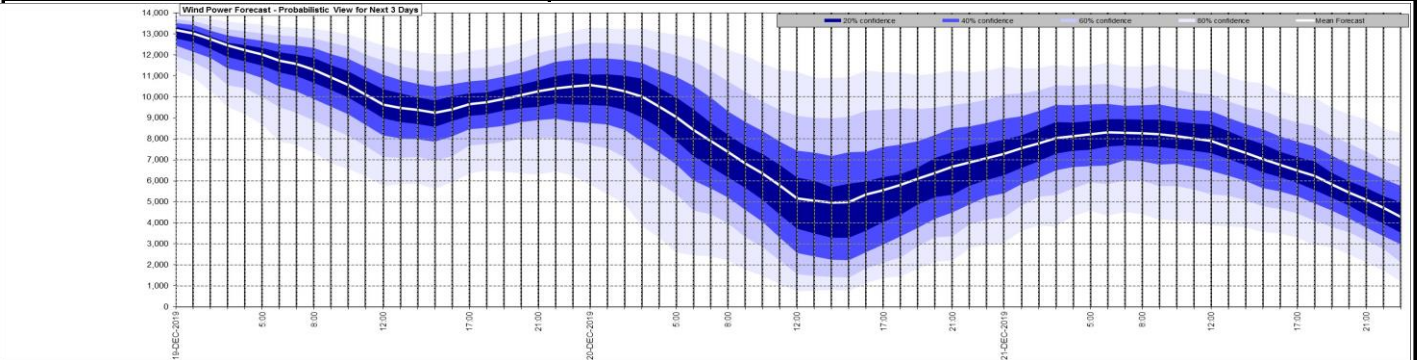


Yesterday's Market Summary

<u>Cash out price (Max)</u>	£63.00/MWh (SP 34-37)
<u>Cash Out Price (Min)</u>	£2.50/MWh (SP 10,20)
<u>Peak Demand Yesterday</u>	41,637 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



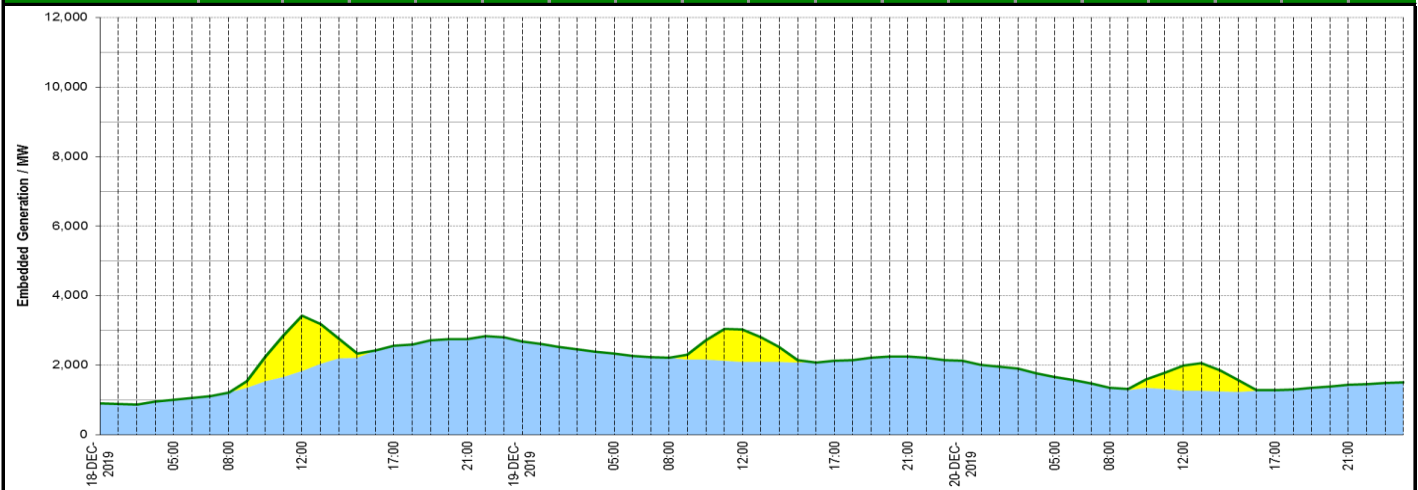
Key:

20% confidence	40% confidence	60% confidence	80% confidence	Mean Forecast
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Expected embedded generation (MWs)

Embedded Generation Forecast

	18-DEC-2019					19-DEC-2019					20-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	1580	0	0	0	0	0	945	0	0	0	0	0	716	0	0
Wind (MW)	1010	1223	1843	2563	2760	2686	2336	2210	2091	2129	2249	2137	1658	1359	1270	1284	1433
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1010	1223	3423	2563	2760	2686	2336	2210	3036	2129	2249	2137	1658	1359	1986	1284	1433



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Some dry and bright weather across central and northern areas at times this morning. However, rain will soon move north to across parts of southern Britain, before affecting central areas through the afternoon. Windy for many but rather mild.</p> <p>Tonight: Rain continuing north into Scotland and Northern Ireland. Further rain spreading north to affect southern and central areas overnight. Another mild night, with winds gradually easing.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather warning Yellow warning of rain until 12:00hrs on Friday 20th December.</p> <p>Areas affected: East Midlands East of England London & South East England South West England Wales West Midland</p> <p>Yellow warning of rain between 21:00hrs on Thursday 19th and 09:00hrs on Friday 20th December</p> <p>Areas affected: Central, Tayside & Fife Grampian</p> <p>Flood Warnings England 14 Flood Warnings Scotland & 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