

**National Electricity  
Transmission System Status Report**



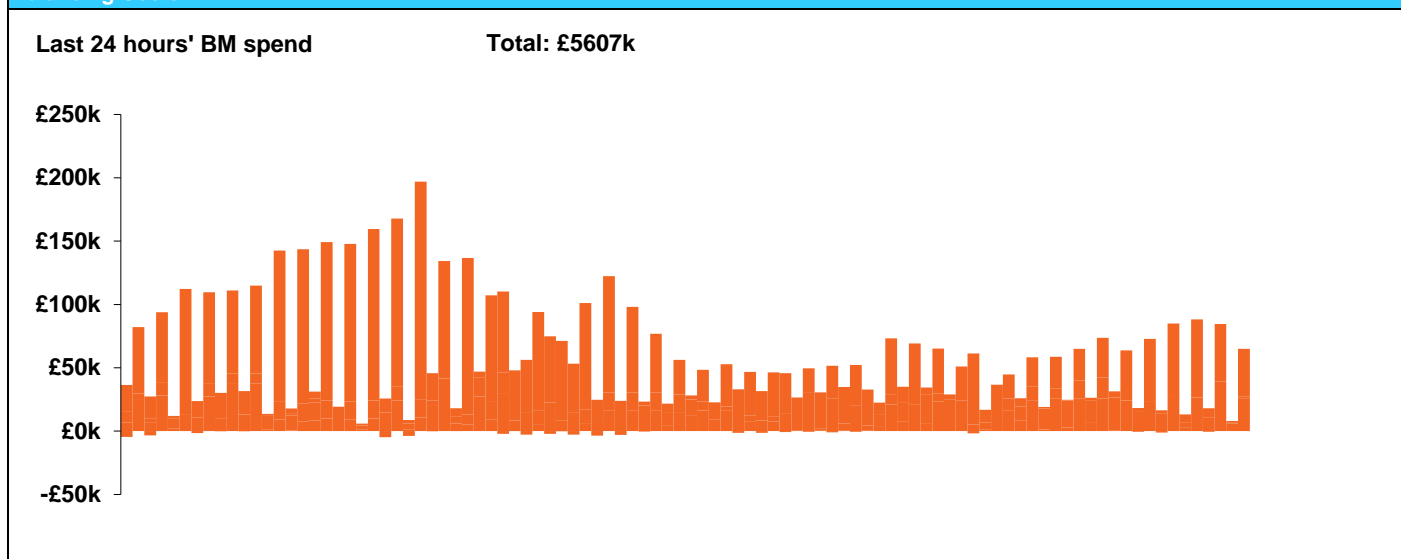
national**grid**ESO

**National Electricity Transmission System Status Report**  
Monday 30 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>	3978 MW (SP 35)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

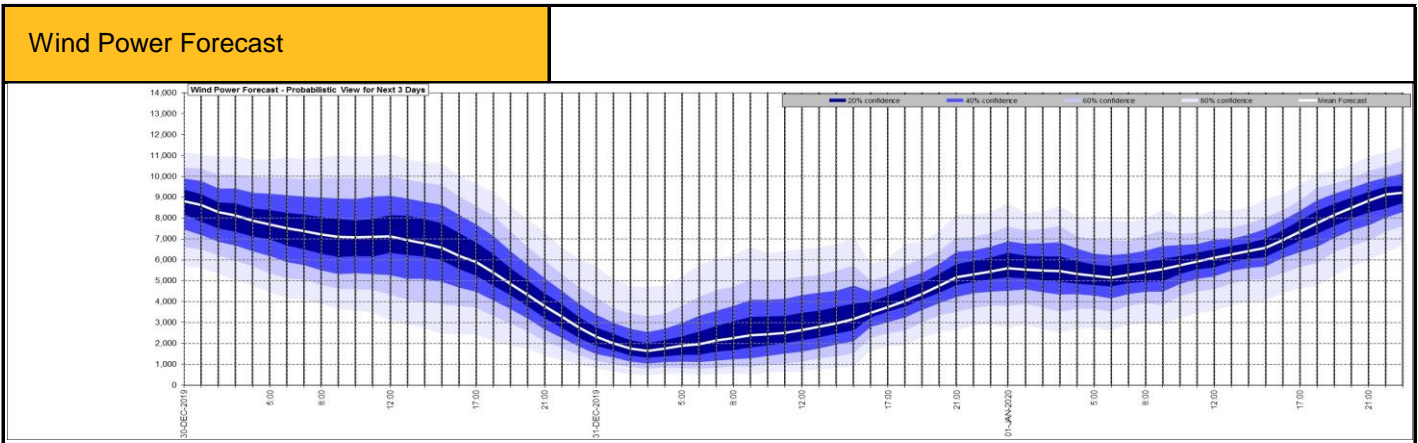
**Balancing Costs**



**Yesterday's Market Summary**

<u>Cash out price (Max)</u>	£58.00/MWh (SP 33. 34. 35. 36)
<u>Cash Out Price (Min)</u>	£2.50/MWh (SP 15)
<u>Peak Demand Yesterday</u>	35,079 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.



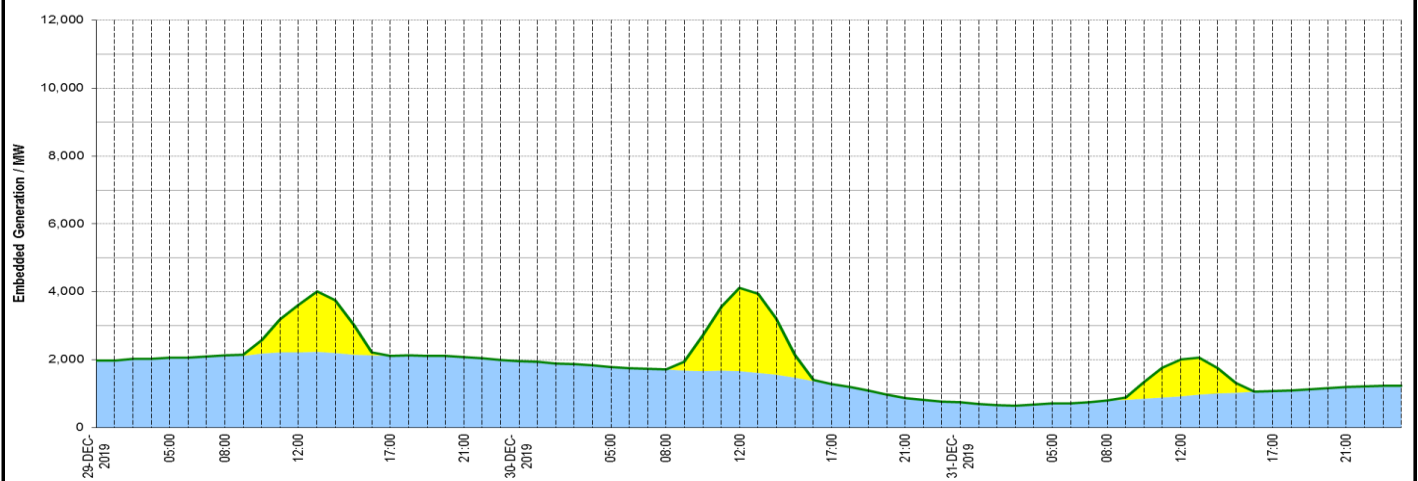
Key:

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

#### Embedded Generation Forecast

	29-DEC-2019					30-DEC-2019					31-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	1390	0	0	0	0	0	2451	0	0	0	0	0	1096	0	0
Wind (MW)	2059	2130	2224	2116	2084	1966	1788	1712	1657	1284	871	743	706	800	920	1071	1206
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2059</b>	<b>2130</b>	<b>3614</b>	<b>2116</b>	<b>2084</b>	<b>1966</b>	<b>1788</b>	<b>1712</b>	<b>4108</b>	<b>1284</b>	<b>871</b>	<b>743</b>	<b>706</b>	<b>800</b>	<b>2016</b>	<b>1071</b>	<b>1206</b>



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Today:</b> Low cloud and fog patches in the south will be slow to clear in places, but some sunshine for central parts, and locally very mild. Rain moving southwards across northern Britain followed by brighter, colder weather.</p> <p><b>Tonight:</b> A band of cloud and patchy light rain will become slow-moving across central parts. Clear skies in the north with a widespread frost. Low cloud and fog affecting southern areas.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Weather warning</b> No weather warnings are in force for the UK</p> <p><b>Flood Warnings</b> England 28 Flood Warnings &amp; 55 Flood Alerts</p>

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Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a>
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