

**National Electricity  
Transmission System Status Report**



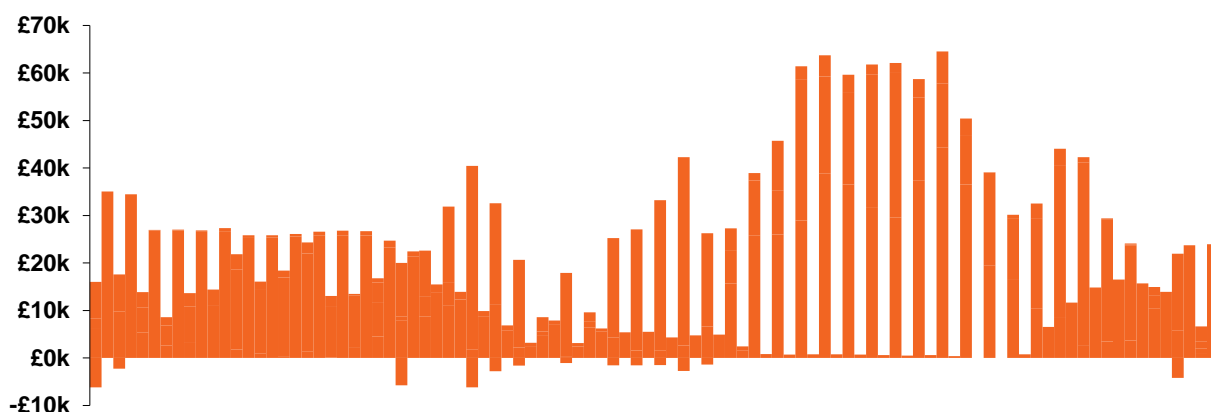
**National Electricity Transmission System Status Report**  
Saturday 28 December 2019

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>	10461 MW (SP 35)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**Balancing Costs**

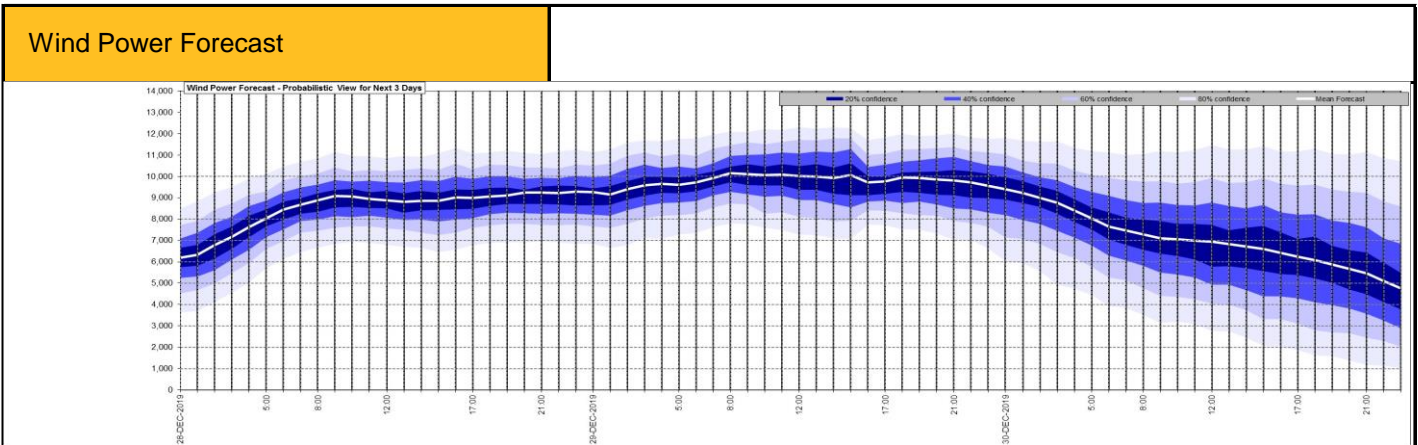
Last 24 hours' BM spend Total: £2017k



**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.

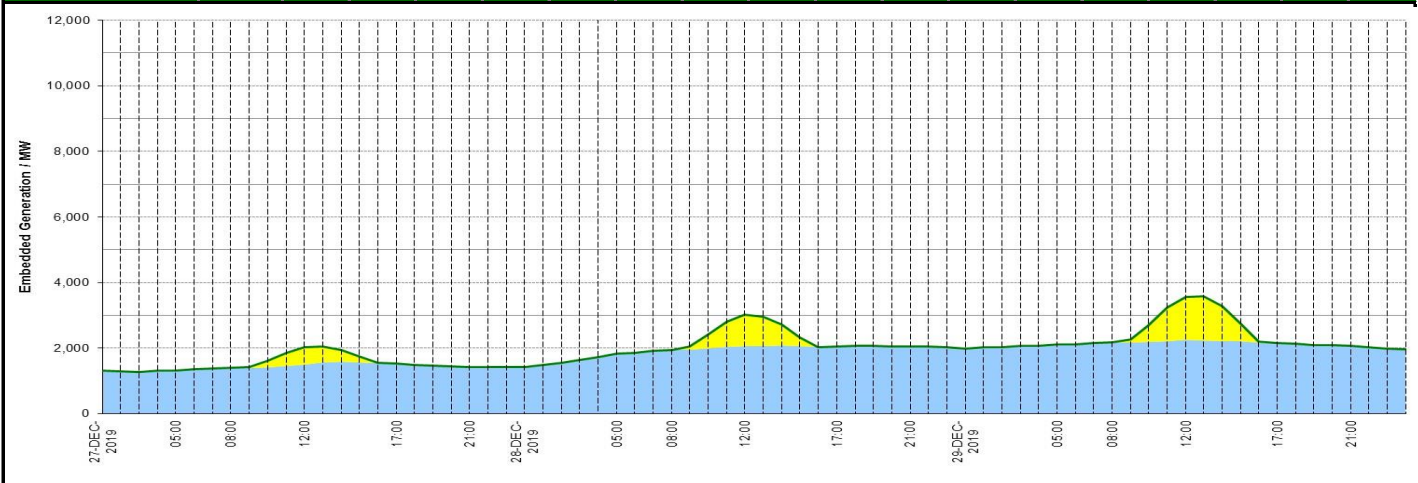


Key:

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

### Expected embedded generation (MWs)

Embedded Generation Forecast	27-DEC-2019					28-DEC-2019					29-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	522	1	1	0	0	0	949	0	0	0	0	0	1300	0	0
Wind (MW)	1323	1394	1508	1524	1433	1422	1828	1946	2066	2043	2048	1994	2108	2174	2252	2148	2068
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1323</b>	<b>1394</b>	<b>2030</b>	<b>1525</b>	<b>1434</b>	<b>1422</b>	<b>1828</b>	<b>1946</b>	<b>3015</b>	<b>2043</b>	<b>2048</b>	<b>1994</b>	<b>2108</b>	<b>2174</b>	<b>3552</b>	<b>2148</b>	<b>2068</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> Many southern areas mostly cloudy but dry, although an increasing chance of a few brighter intervals. Further north, some sunshine northeast of high ground where it will be very mild but windy. West and northwest Scotland seeing some heavy rain.</p> <p><b>Tonight:</b> Rain in the northwest eases away. Further south, clear intervals but low cloud giving some hill fog. Southern England might turn clearer with a touch of frost and fog later.</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 29 Flood Warnings &amp; 75 Flood Alerts Wales 1 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>
NGESO Insights	<a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>