

**National Electricity
Transmission System Status Report**



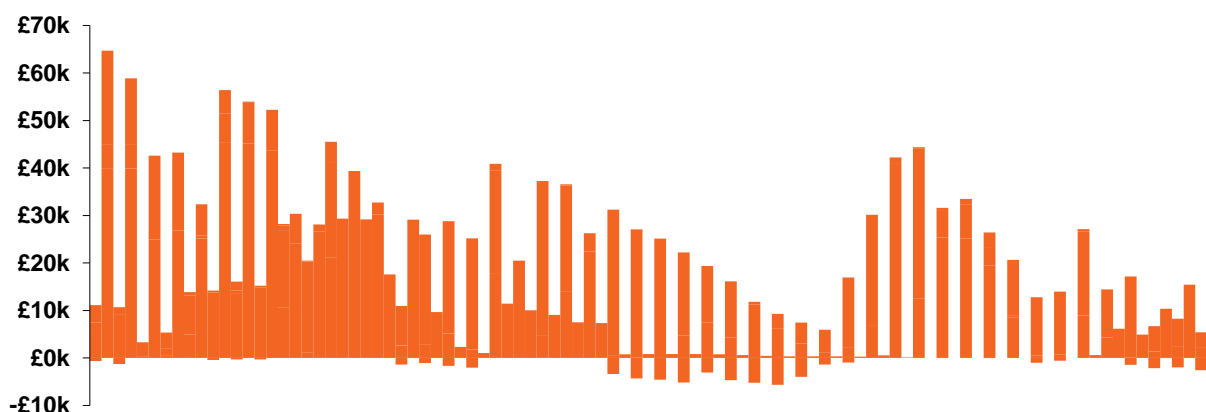
National Electricity Transmission System Status Report
Tuesday 31 December 2019

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>	5446 MW (SP 35)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

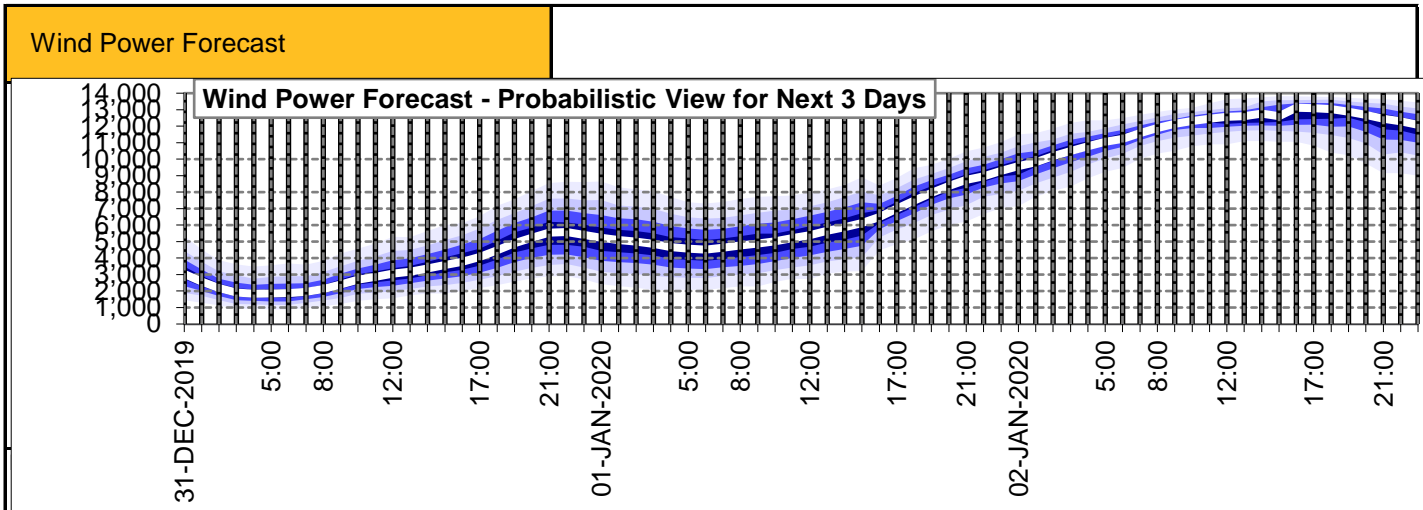
Last 24 hours' BM spend Total: £1664k



Yesterday's Market Summary

<u>Cash out price (Max)</u>	£62.00/MWh (SP 34 . 35. 36)
<u>Cash Out Price (Min)</u>	£5.20/MWh (SP 46)
<u>Peak Demand Yesterday</u>	41,097 MW

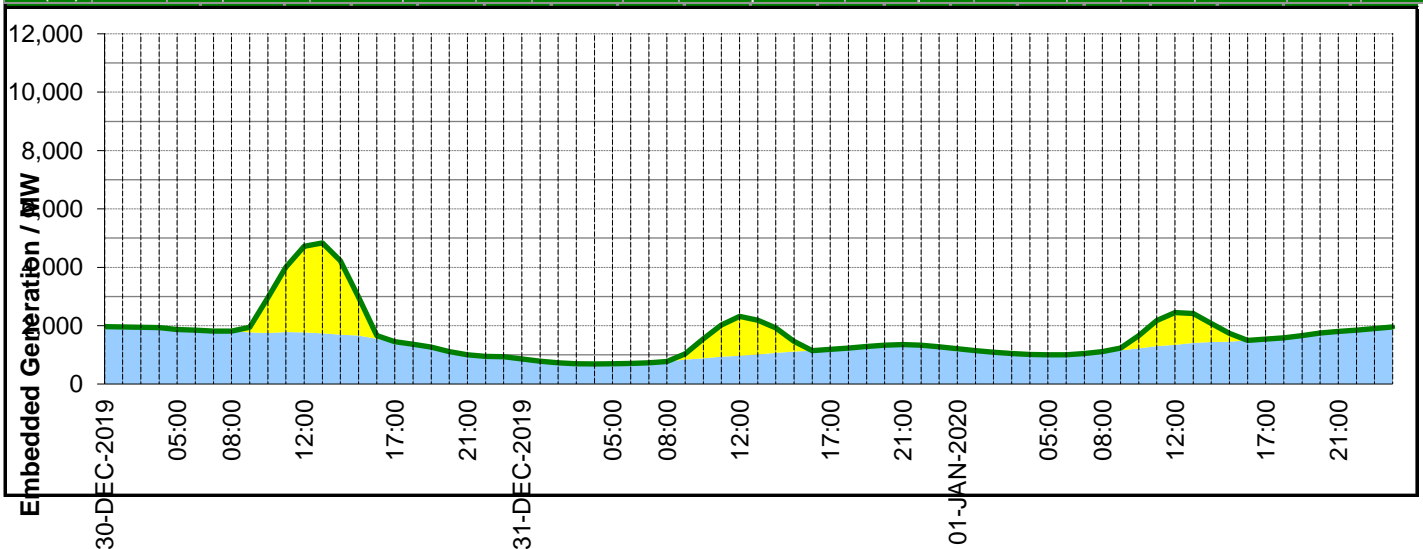
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-DEC-2019					31-DEC-2019					01-JAN-2020						
	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	2950	1	0	0	0	0	1342	0	0	0	0	0	1111	0	0
Wind (MW)	1867	1809	1769	1455	1001	855	698	775	972	1192	1347	1207	999	1110	1341	1542	1798
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1867	1809	4719	1456	1001	855	698	775	2314	1192	1347	1207	999	1110	2452	1542	1798



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Fine, dry and bright for Scotland, most of northern England and much of Northern Ireland. Cloudier elsewhere with early mist and fog over southern England slowly lifting. Dry for many but some showery rain for parts of Devon and Cornwall.</p> <p>Tonight: Turning cloudier from the south and west, but mostly dry. Fog patches developing this evening over eastern and northeastern England and the north Midlands. Cold and frosty for northeast Scotland..</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 27 Flood Warnings & 50 Flood Alerts</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