

**National Electricity
Transmission System Status Report**



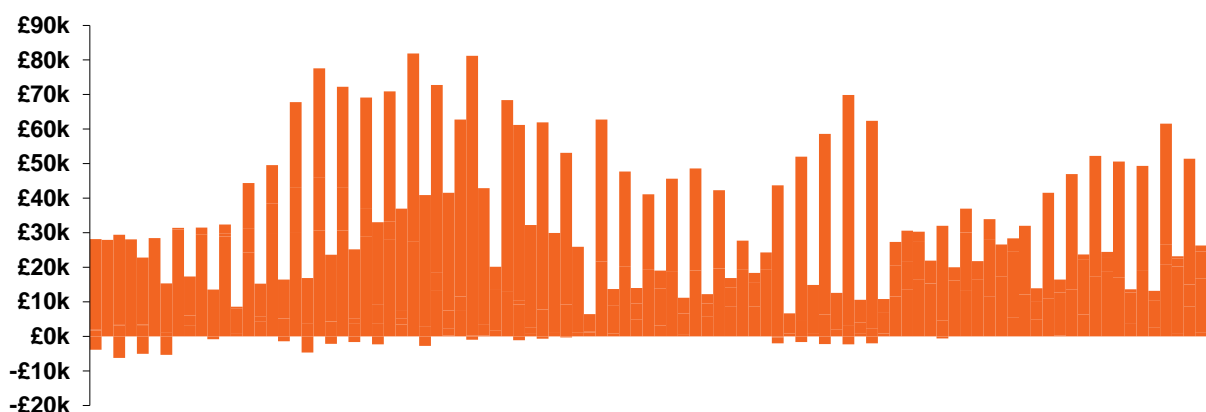
National Electricity Transmission System Status Report
Sunday 29 December 2019

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>	13009 MW (SP 36)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

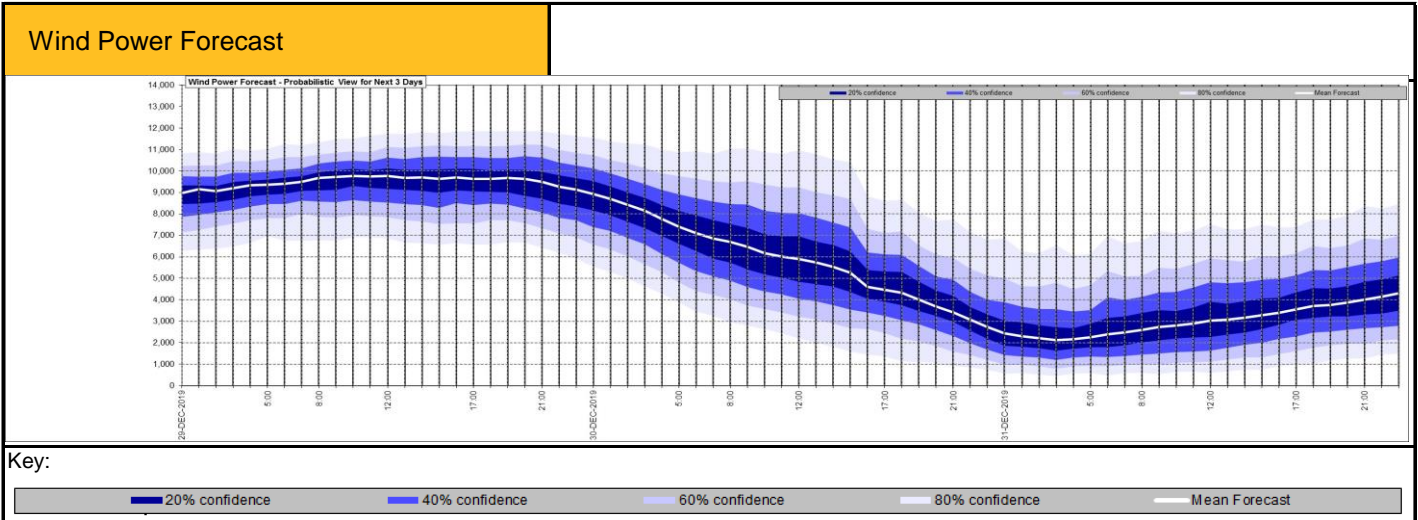
Last 24 hours' BM spend Total: £3363k



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

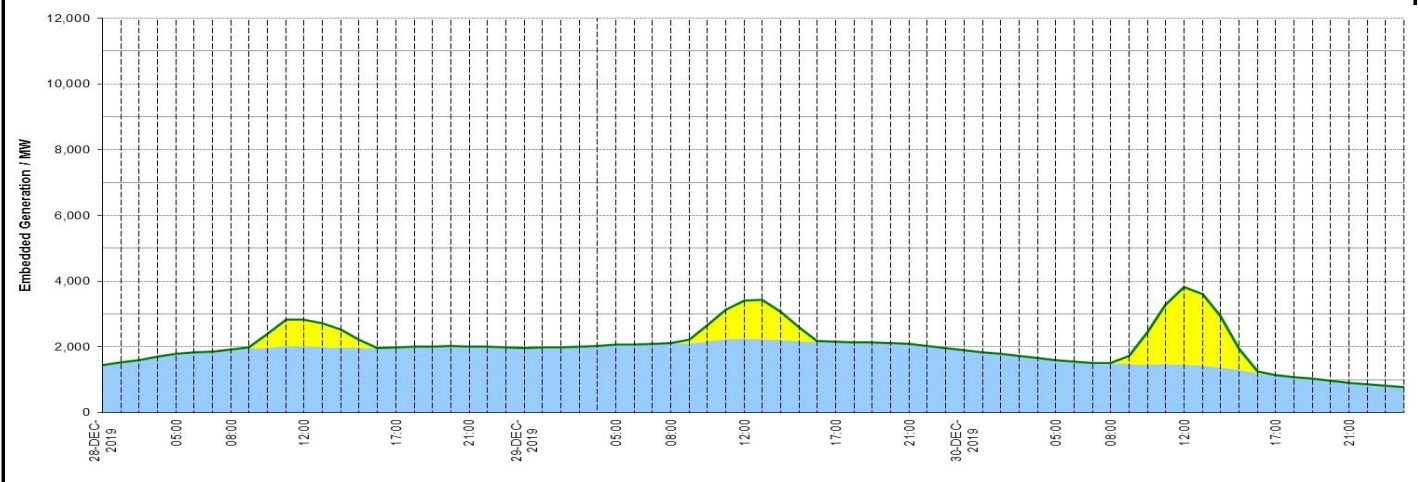
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-DEC-2019					29-DEC-2019					30-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	806	0	0	0	0	0	1203	0	0	0	0	0	2415	0	0
Wind (MW)	1784	1916	2016	1980	2017	1952	2062	2125	2245	2156	2083	1907	1597	1506	1465	1141	906
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1784	1916	2822	1980	2017	1962	2062	2125	3420	2156	2083	1907	1597	1506	3815	1141	906



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain affecting northwest Scotland at times. Elsewhere, largely dry with cloud breaking to allow sunny spells in some places. Windy in the north and west but mild, perhaps very mild to the northeast of hills.</p> <p>Tonight: A band of rain moving slowly southeastwards across Scotland. Most other parts dry with variable cloud and clear spells. Some patchy fog forming across southern parts with frost in places.</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 30 Flood Warnings & 66 Flood Alerts Wales 1 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