

**National Electricity
Transmission System Status Report**



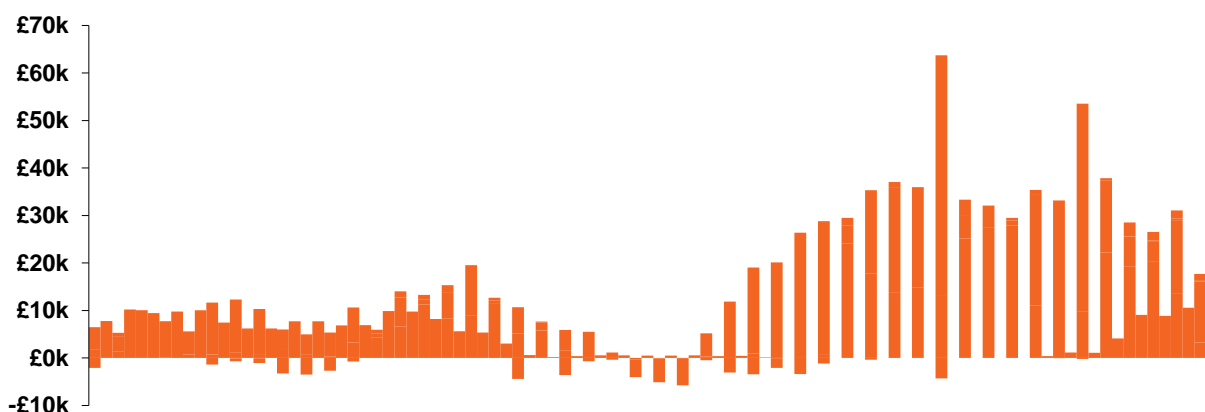
National Electricity Transmission System Status Report
Monday 23 December 2019

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	5406 MW (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £1014k

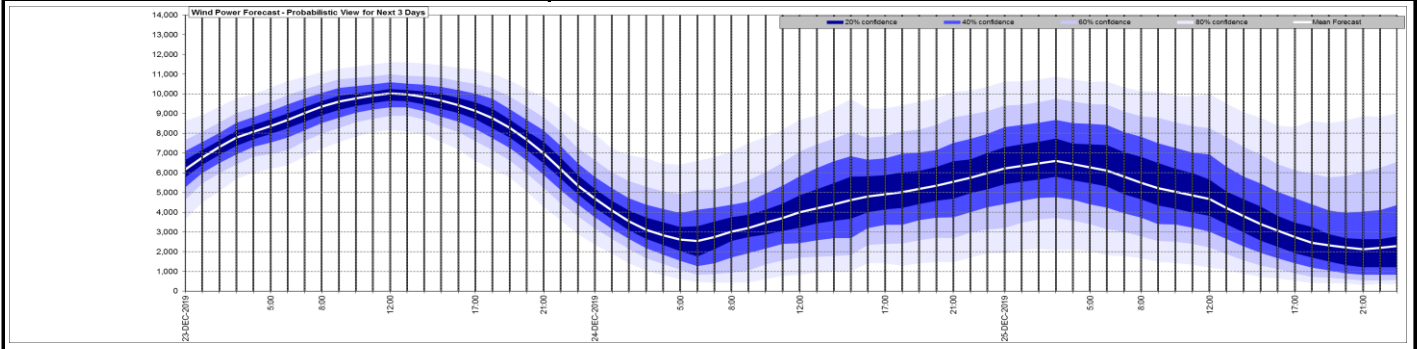


Yesterday's Market Summary

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



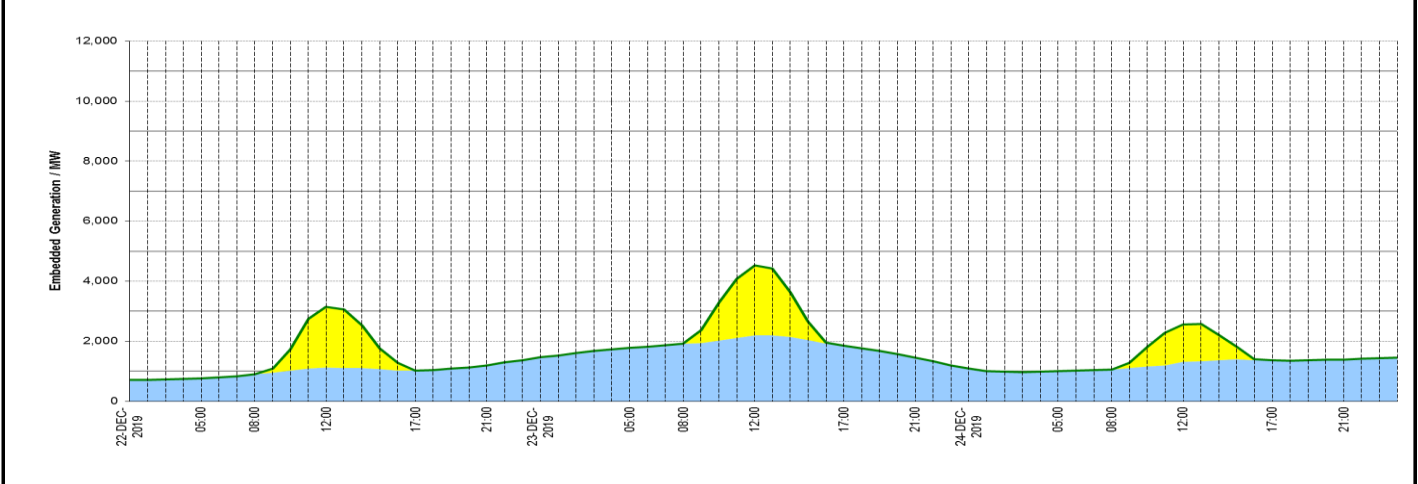
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	22-DEC-2019					23-DEC-2019					24-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	2024	0	0	0	0	0	2328	0	0	0	0	0	1247	0	0
Wind (MW)	766	892	1117	1024	1188	1437	1784	1915	2197	1845	1453	1087	1000	1063	1313	1358	1391
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	766	892	3141	1024	1188	1478	1784	1915	4525	1845	1453	1087	1000	1063	2560	1358	1391



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Spells of rain for parts of Scotland, Northern Ireland and the far north of England. Elsewhere, many areas dry with sunny spells with early showers in western parts of England and Wales fading. Some rain into Cornwall later. Windy.</p> <p>Tonight: Cloud and outbreaks of rain spreading across much of England and Wales. Showers following into southern UK and continuing in parts of Scotland. Freezing fog patches for parts of 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 Rain warning in southern England.</p> <p>Flood Warnings England 80 Flood Warnings. Wales 1 Flood Warning.</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