

**National Electricity
Transmission System Status Report**

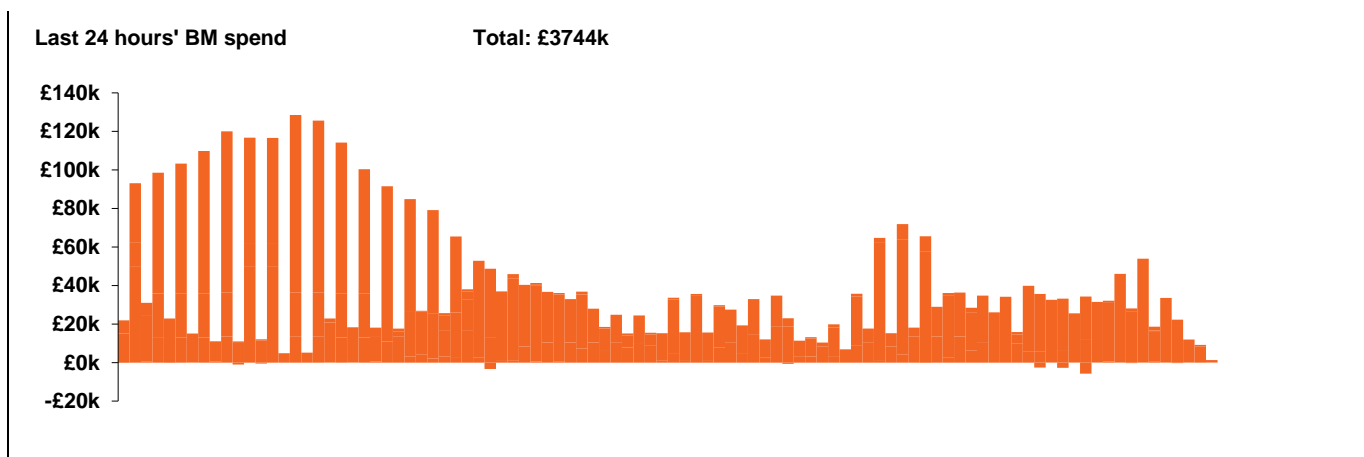


national**grid**ESO

National Electricity Transmission System Status Report
Monday 21 December 2020

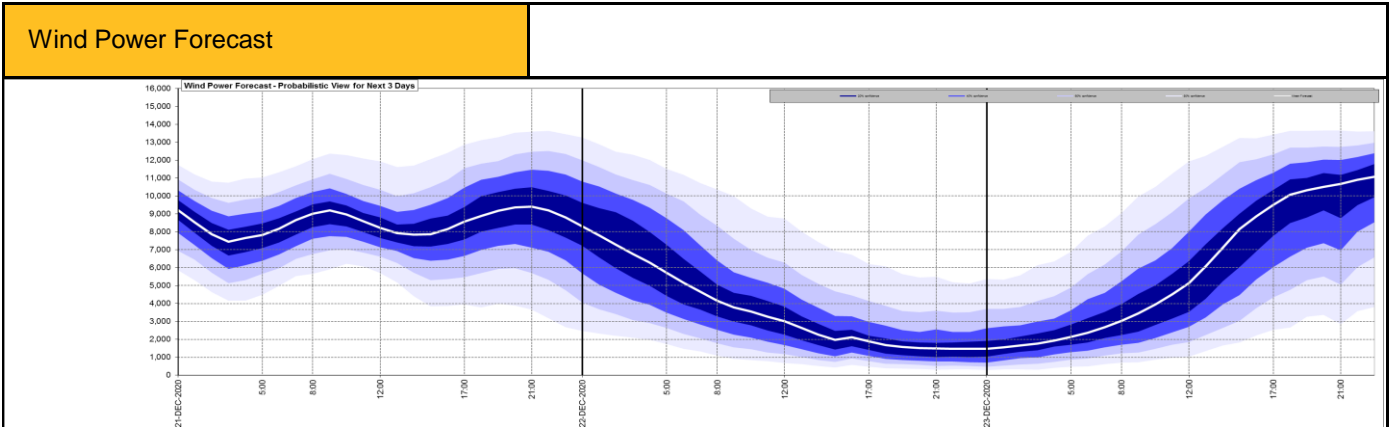
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<u>Today's Minimum De-Rated Margin</u>	3292.39 (SP 32)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
<u>Cash out price (Max)</u>	£75.95/MWh (SP 34-36)
<u>Cash Out Price (Min)</u>	£7.50/MWh (SP 1, 6, 7)
<u>Peak Demand Yesterday</u>	39,582 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available

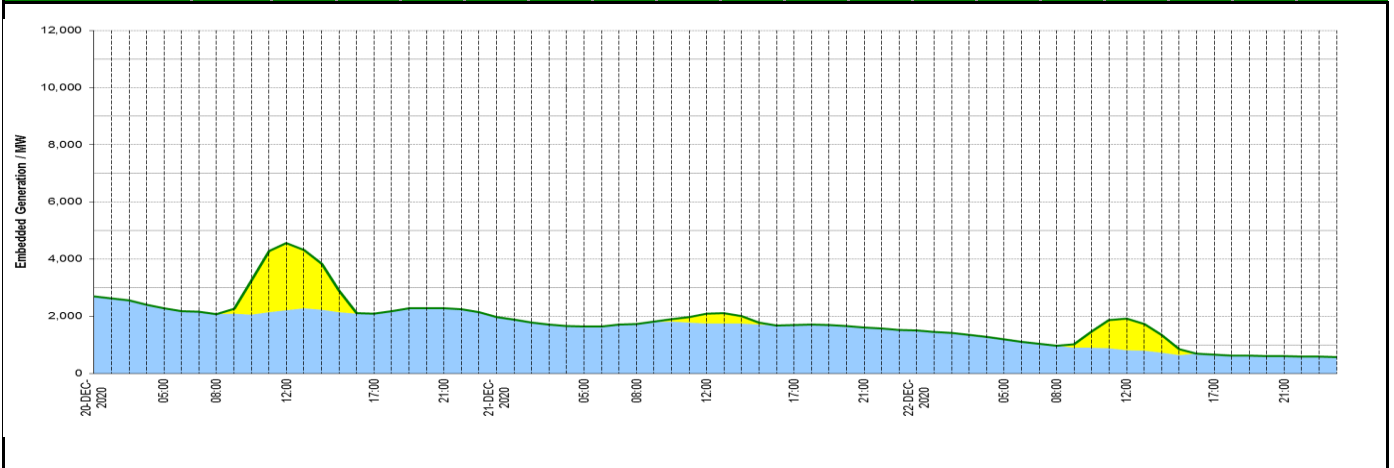


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	20-DEC-2020					21-DEC-2020					22-DEC-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	2350	0	0	0	0	0	332	0	0	0	0	0	1104	0	0
Wind (MW)	2276	2072	2219	2083	2274	1965	1644	1733	1754	1701	1603	1502	1192	969	821	656	600
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2276	2072	4569	2083	2274	1965	1644	1733	2086	1701	1603	1502	1192	969	1925	656	600



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain, occasionally heavy, across central and southern UK clearing, then brighter weather across central areas. Remaining cloudy in south with dreary mizzle over coasts and hills, but very mild. Colder across Scotland with further showers in north and west.</p> <p>Tonight: Central and S England/Wales cloudy and mild with some rain/drizzle at times. Clearer/colder N with frost and a few fog patches developing. Showers N and W Scotland.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings: None</p> <hr/> <p>UK Flood Warnings: 68 Flood Warning and Flood Alerts issued for England 0 Flood Warnings and Flood Alerts issued for Scotland. 13 Flood Warning and Flood Alerts issued for Wales.</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