

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Friday 14 January 2022

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

Today's Minimum De-Rated Margin	-496.92 (sp 36)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW

Balancing Costs

Yesterday's Market Summary

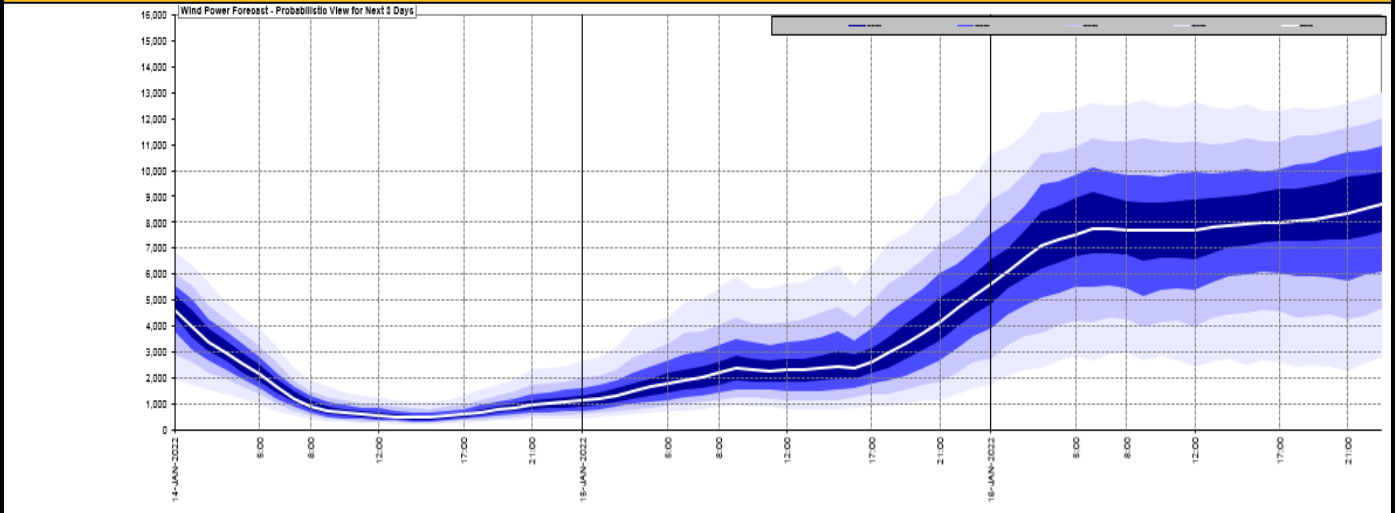
Cash Out Price (Max)	£283.95 (SP 18)
Cash Out Price (Min)	£00.00 (SP ,14-15,38)
Peak Demand Yesterday	44,976 MW
Minimum Demand	24,902 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	703	703	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	1000	1000	Partially Available

Wind Power Forecast



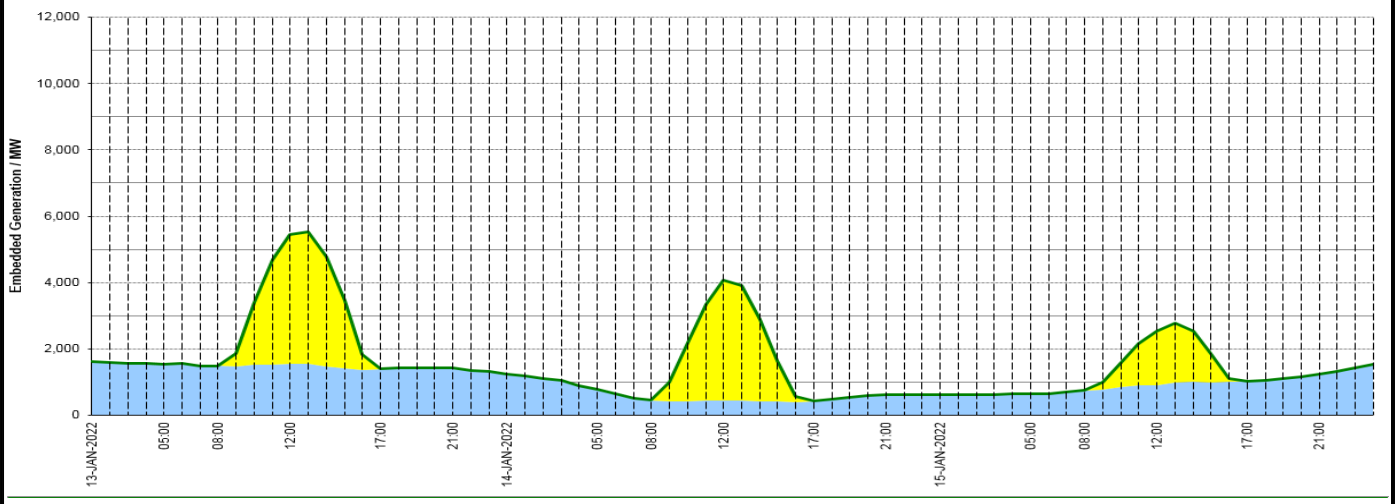
Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates

Last run: 14-Jan-2022 03:24:26

	13-JAN-2022					14-JAN-2022					15-JAN-2022						
	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	3900	7	0	0	0	0	3628	0	0	0	0	0	1621	0	0
Wind (MW)	1544	1484	1560	1395	1414	1228	781	446	447	426	615	614	647	741	910	1021	1233
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1544	1484	5460	1402	1414	1228	781	446	4075	426	615	614	647	741	2531	1021	1233



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Today, the south will have a dry and fine day with plenty of sunshine. However, areas of mist and fog may be slow to lift in places. The north will be cloudier with light rain in north Scotland.</p> <p>Tonight: Tonight, there will be clear spells for much of the UK, with mist and fog developing in places, especially in southern areas. Scotland will be cloudier, with spells of light rain to the far north.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of fog Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Started at: 17:00 GMT on Thu 13 January Ends: 11:00 GMT on Fri 14 January</p> <p>Flood Warnings 0 Flood Warnings and 0 alerts in England 0 Flood Warnings and 0 alerts in Scotland</p>

Weather	Source	Commentary
		0 Flood Warnings and 0 alerts in Wales

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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