

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Monday 10 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	4918.57 (SP 34)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £6233k



Yesterday's Market Summary

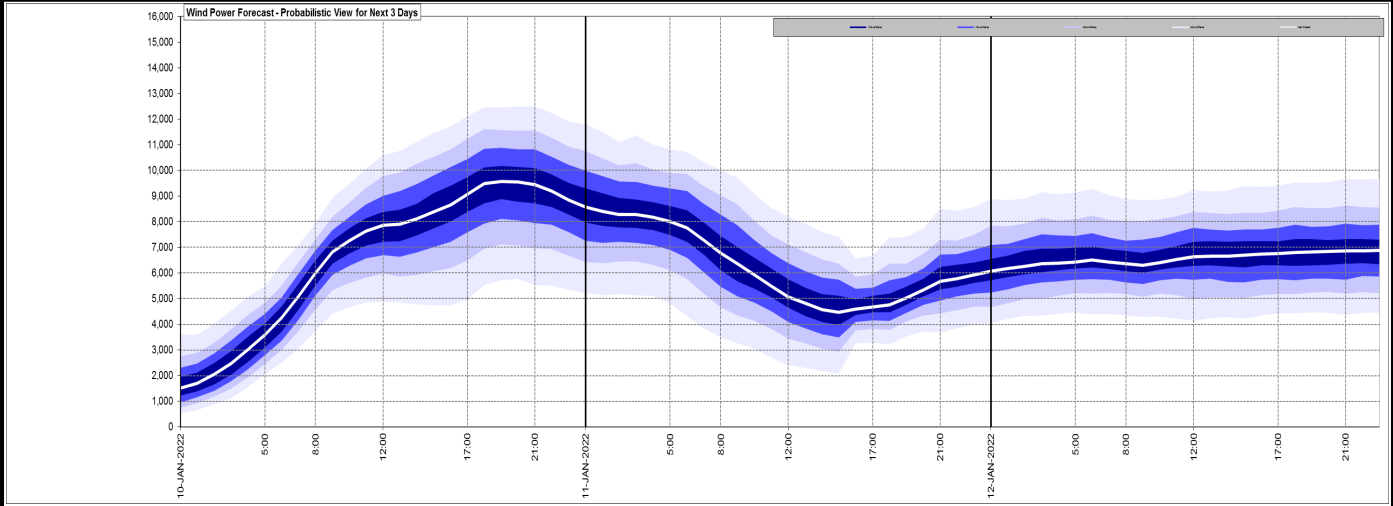
Cash Out Price (Max)	£381.00 (SP 34-37)
Cash Out Price (Min)	£31.43 (SP 7,8)
Peak Demand Yesterday	43,427 MW
Minimum Demand	24,700 MW

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

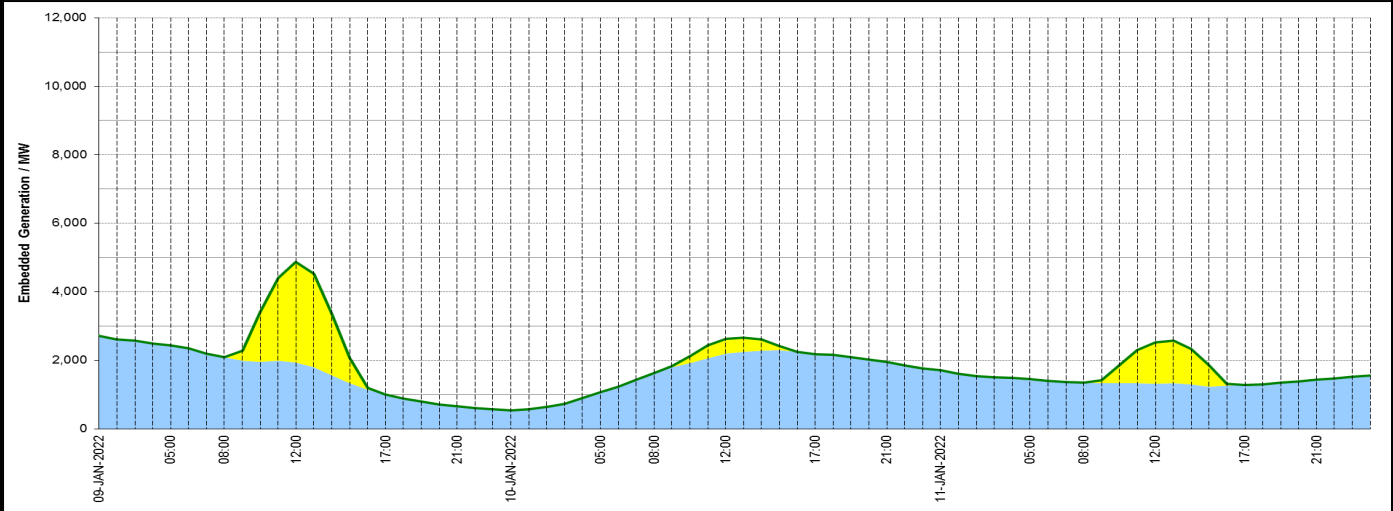
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	09-JAN-2022					10-JAN-2022					11-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	2920	0	0	0	0	0	432	0	0	0	0	0	1212	0	0
Wind (MW)	2442	2091	1944	1006	660	542	1064	1625	2188	2186	1957	1704	1456	1352	1313	1278	1441
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2442	2091	4864	1006	660	542	1064	1625	2620	2186	1957	1704	1456	1352	2525	1278	1441



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A few foggy or frosty spots in the east at first. Early brightness in the southeast, where staying largely dry. Elsewhere cloudy with patchy rain, drizzle and hill fog. Milder away from the southeast, very mild in far west. Tonight: Rain, drizzle and low cloud continuing across many southern areas where mild. Clearer weather spreads to most northern areas but with strong winds and showers in west and north Scotland.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings None Flood Warnings 0 Flood Warnings and 9 alerts in England 0 Flood Warnings and 0 alerts in Scotland 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