

**National Electricity
Transmission System Status Report**



national**grid**ESO

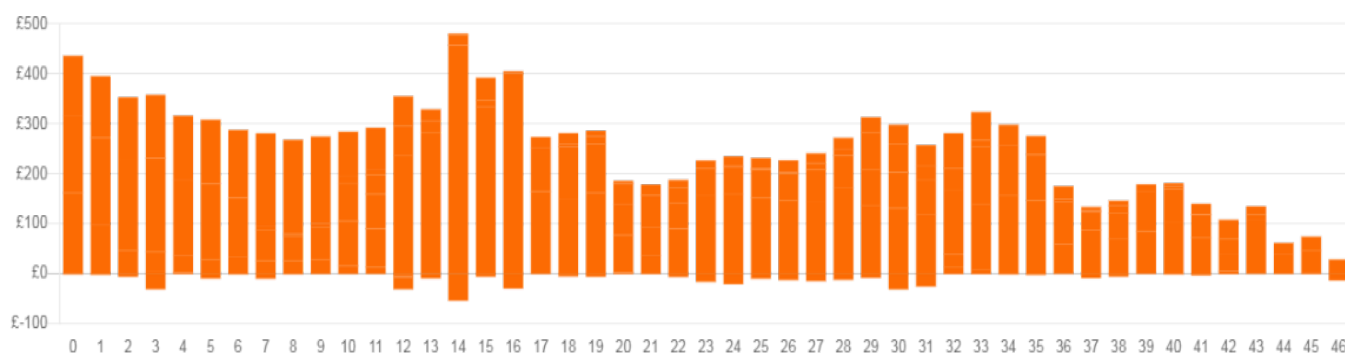
National Electricity Transmission System Status Report
Sunday 30 January 2022

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	7953 (SP 21)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £11695k



Yesterday's Market Summary

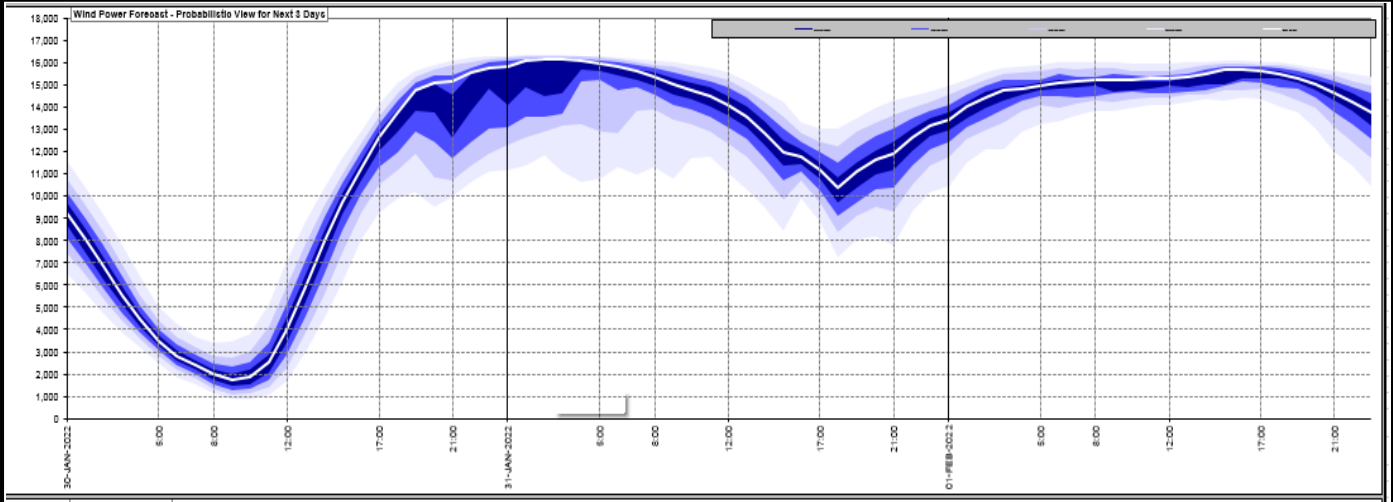
Cash Out Price (Max)	£275.95 (SP 16)
Cash Out Price (Min)	£86.00 (SP 26)
Peak Demand Yesterday	37,752 MW
Minimum Demand	23,200 MW

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	500	500	Partially Available

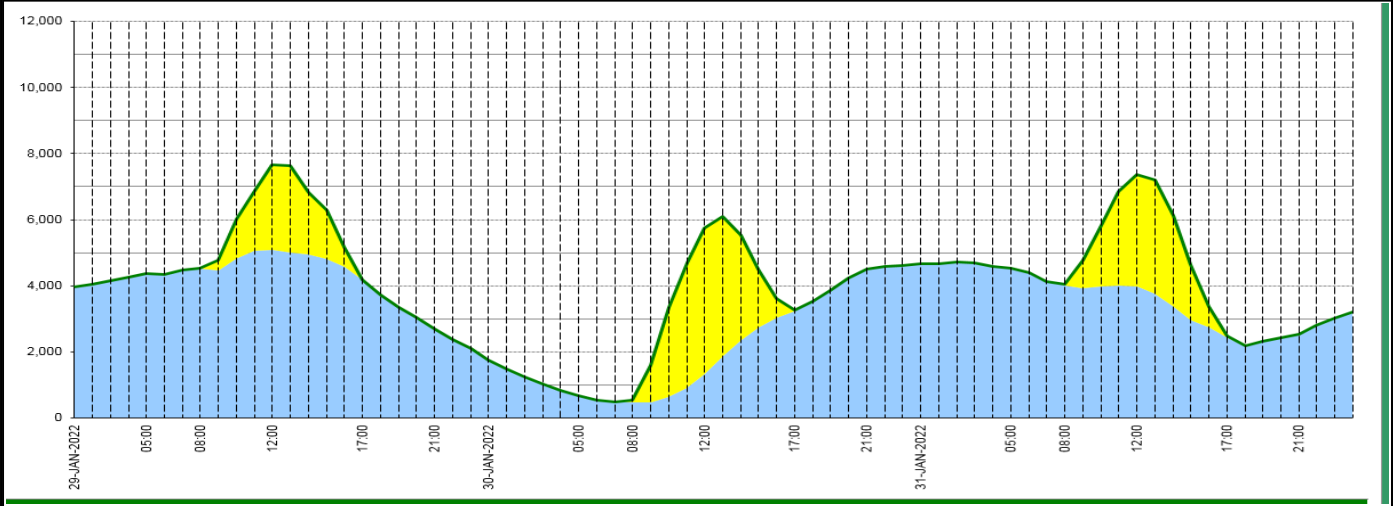
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-JAN-2022					30-JAN-2022					31-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	3	2590	16	0	0	0	61	4415	17	0	0	0	56	3369	32	0
Wind (MW)	4369	4516	5072	4169	2693	1764	677	463	1342	3233	4493	4676	4528	4001	3983	2445	2529
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4369	4519	7662	4185	2693	1764	677	524	5757	3250	4493	4676	4528	4057	7352	2477	2529



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Starting dry and bright with a touch of frost. Clouding over in the north and west with rain, preceded by hill snow in northern Scotland, moving east late morning onwards. Becoming windy with storm force winds for northwest Scotland later.</p> <p>Tonight: Rain moving south, followed by clear intervals and blustery showers, wintry in the north. Very windy across northern and then eastern areas, with severe gales for a time.</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 wind Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar North East England North West England Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber</p> <p>Starts: 15:00 GMT on Sun 30 January Ends: 12:00 GMT on Mon 31 January Storm Corrie will likely cause some travel disruption and generate some large and dangerous waves around the coasts.</p>

Weather	Source	Commentary
		<p>Amber warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar</p> <p>Starts: 17:00 GMT on Sun 30 January Ends: 06:00 GMT on Mon 31 January High winds are likely to cause some damage and travel disruption.</p> <p>Flood Warnings 5 Flood warnings and 10 Flood Alerts issued for England 1 Flood Warning and 1 Flood Alert issued for Scotland. No flood warnings are currently in force 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