

**National Electricity
Transmission System Status Report**



national**grid**ESO

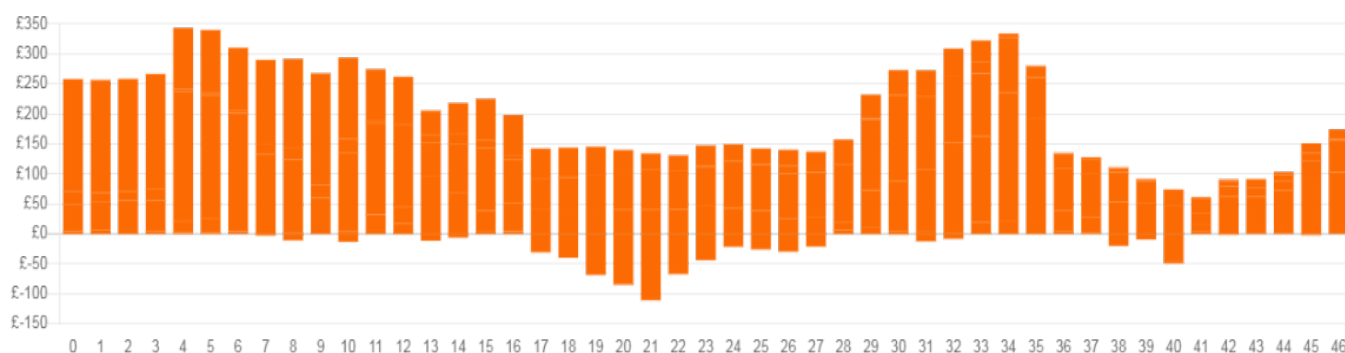
National Electricity Transmission System Status Report
Thursday 10 February 2022

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	8495 (SP 39)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £8823k



Yesterday's Market Summary

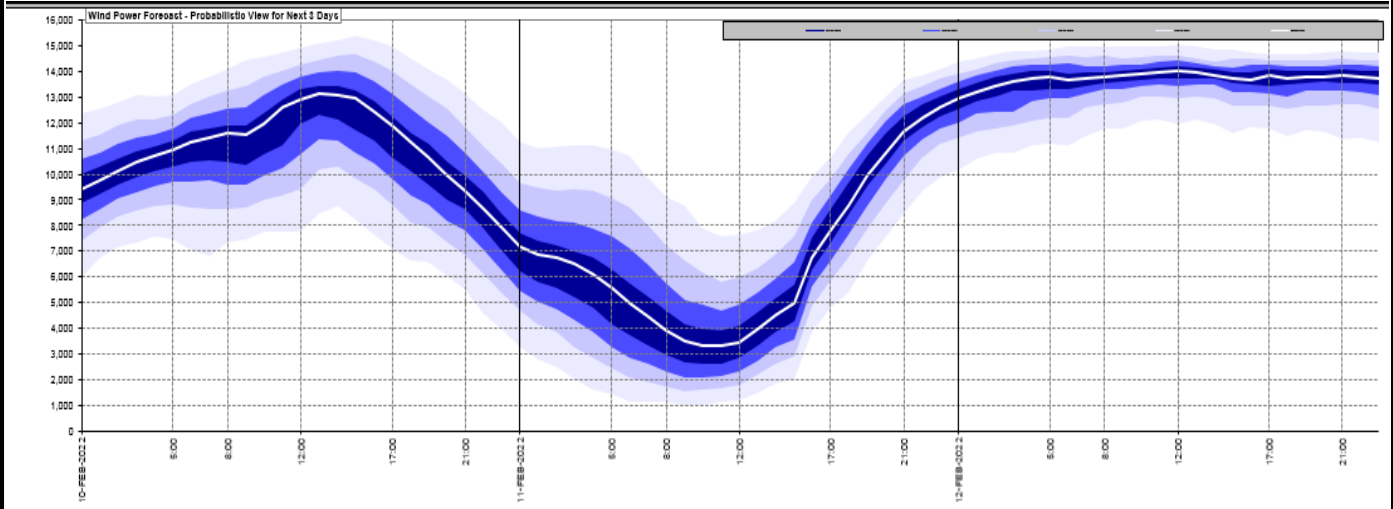
Cash Out Price (Max)	£245(SP 36.37)
Cash Out Price (Min)	£0.00 (SP 1-5)
Peak Demand Yesterday	42,020 MW
Minimum Demand	22,879 MW

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	1064	1064	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	500	500	Partially Available

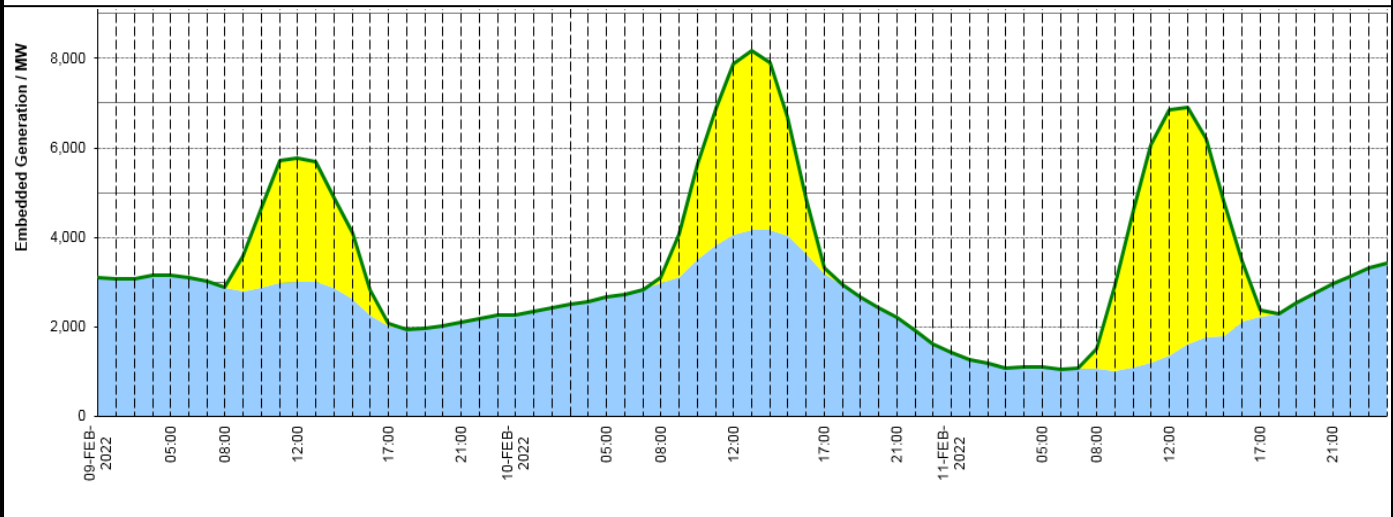
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	09-FEB-2022					10-FEB-2022					11-FEB-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	31	2780	59	0	0	0	141	3812	121	0	0	0	451	5487	150	0
Wind (MW)	3167	2862	2993	2020	2106	2263	2665	2966	4056	3200	2203	1422	1104	1061	1365	2219	2972
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3167	2893	5773	2079	2106	2263	2665	3107	7868	3321	2203	1422	1104	1512	6852	2369	2972



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain clearing southern England, then sunny spells for many southern and eastern areas. Rain and hill snow moving east across Scotland followed by wintry showers in the north and west. Gales across Scotland, severe on coasts at first. Feeling cold.</p> <p>Tonight: A few wintry showers in the north and west, elsewhere clearing skies allowing a widespread frost. Strong winds in the east slowly easing.</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 snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 16:00 GMT on Wed 9 February Ends: 11:00 GMT on Thu 10 February Yellow warning of ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 18:00 GMT on Wed 9 February Ends: 10:00 GMT on Thu 10 February Wintry showers bring a risk of ice on Wednesday night, especially in the west and north. Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW</p>

Weather	Source	Commentary
		Scotland, Lothian Borders Strathclyde ACTIVEStarted at: 03:00 GMT on Thu 10 FebruaryEnds: 12:00 GMT on Thu 10 February Strong winds may lead to some disruption on Thursday morning.
		Flood Warnings 0 Flood warning and 6 Flood Alerts issued for England 0 Flood Warning and 0 Flood Alerts issued for Scotland. 0 Flood Warning and 0 Flood Alerts issued for 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