

National Electricity Transmission System Status Report

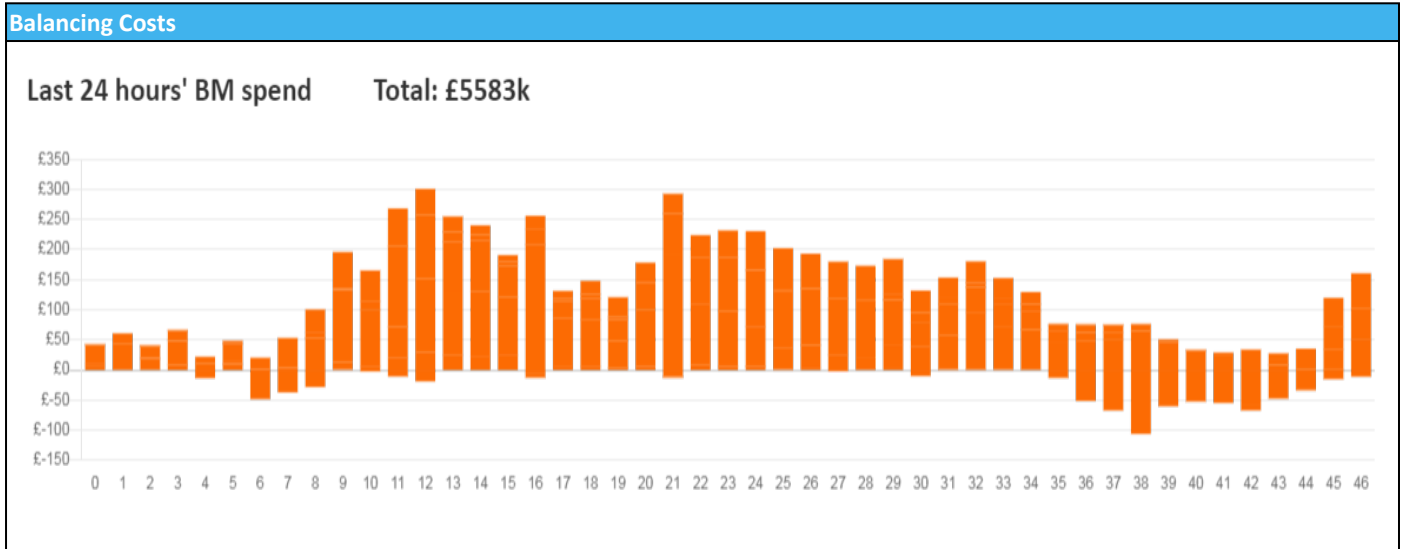


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 16 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	15858 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



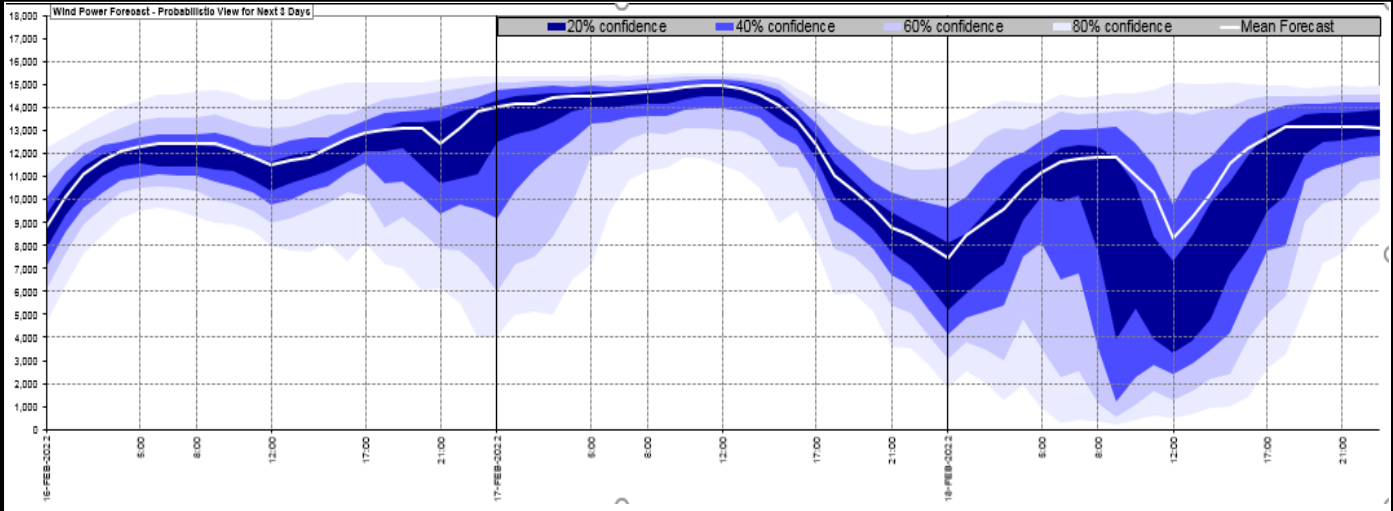
Yesterday's Market Summary

Cash Out Price (Max)	£248.95 (SP 39)
Cash Out Price (Min)	£0.00 (SP 8)
Peak Demand Yesterday	42,392 MW
Minimum Demand	22478MW

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	1000	1000	Partially Available

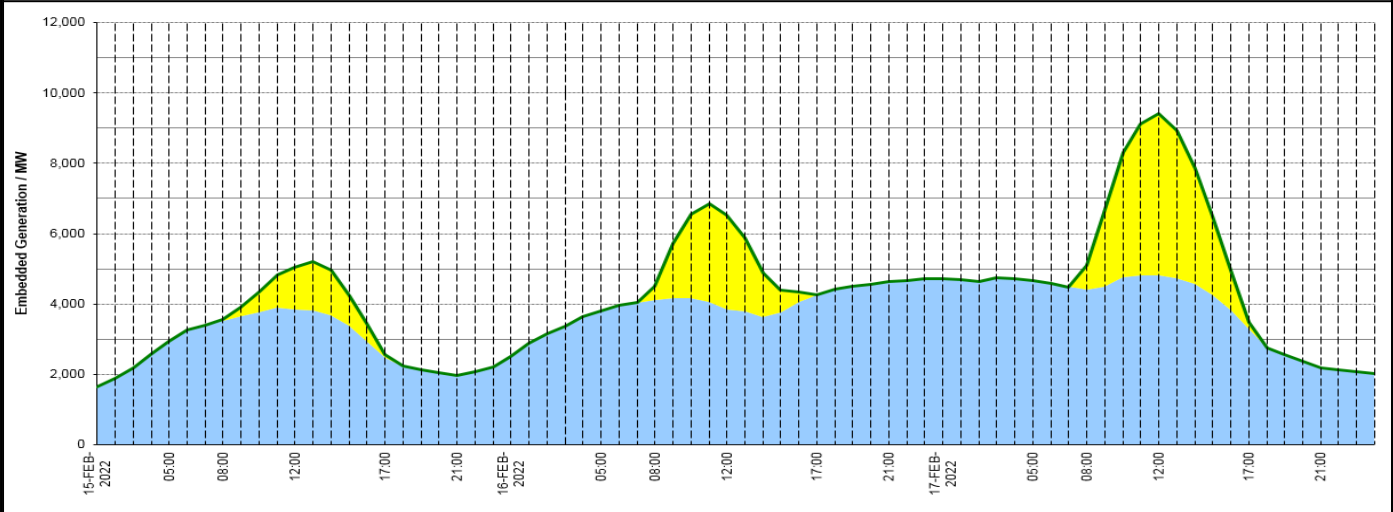
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-FEB-2022					16-FEB-2022					17-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	50	1190	86	0	0	0	408	2696	0	0	0	0	696	4598	185	0
Wind (MW)	2940	3507	3848	2478	1973	2515	3814	4108	3838	4248	4651	4721	4671	4401	4803	3297	2171
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2940	3557	5038	2564	1973	2515	3814	4516	6534	4248	4651	4721	4671	5097	9401	3482	2171



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain and hill snow over northern Scotland clearing, then dry and bright for a time. Further rain, some heavy, sweeping eastwards, followed by sunny intervals and squally showers across central areas. Windy with gales in places, locally severe later.</p> <p>Tonight: Very windy through the evening with rain clearing, leaving clear intervals and blustery showers, these frequent in the north and falling as snow over hills</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 Amber Weather Warnings in force for wind in Central, Tayside & Fife, North East England, North West England, Northern Ireland, SW Scotland, Lothian Borders, Strathclyde, Yorkshire & Humber</p> <p>Yellow Weather Warnings in force for in wind Central, Tayside & Fife, East Midlands, East of England, Grampian, Highlands & Eilean Siar, North East England, North West England, Northern Ireland, SW Scotland, Lothian Borders, Strathclyde, Wales, West Midlands, Yorkshire & Humber</p>
		<p>Flood Warnings 1 Flood warning and 27 Flood Alerts issued for England</p>

Weather	Source	Commentary
		0 Flood Warning and 5 Flood Alerts issued for Scotland. 0 Flood Warning and 10 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