

National Electricity Transmission System Status Report

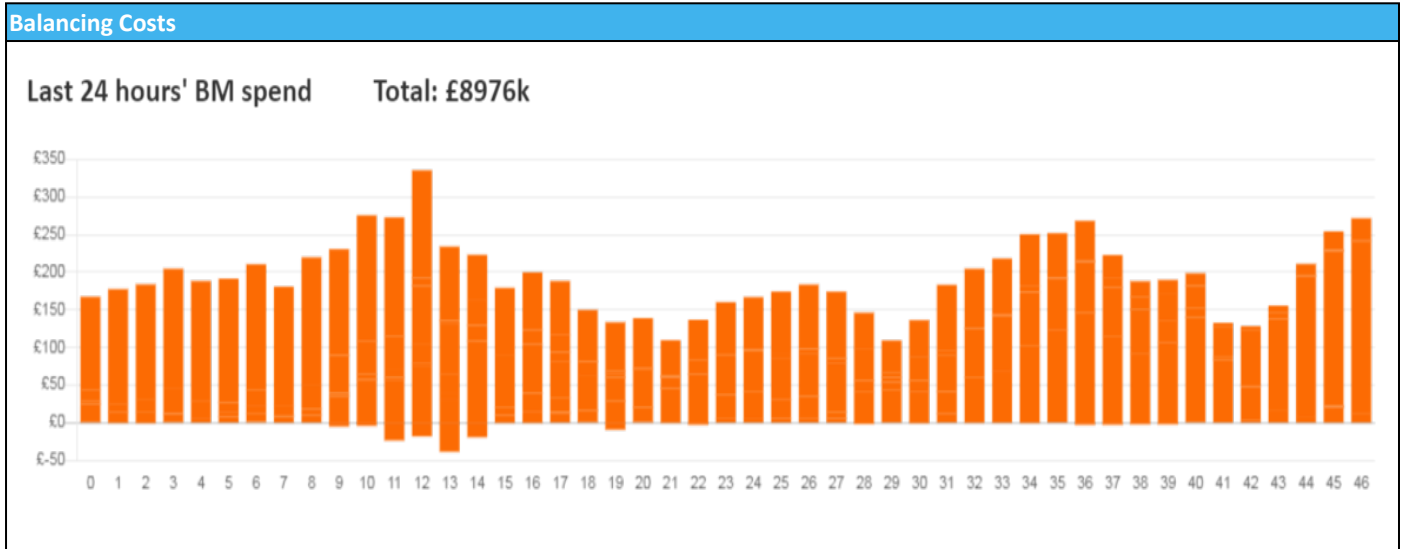


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 14 March 2023

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			

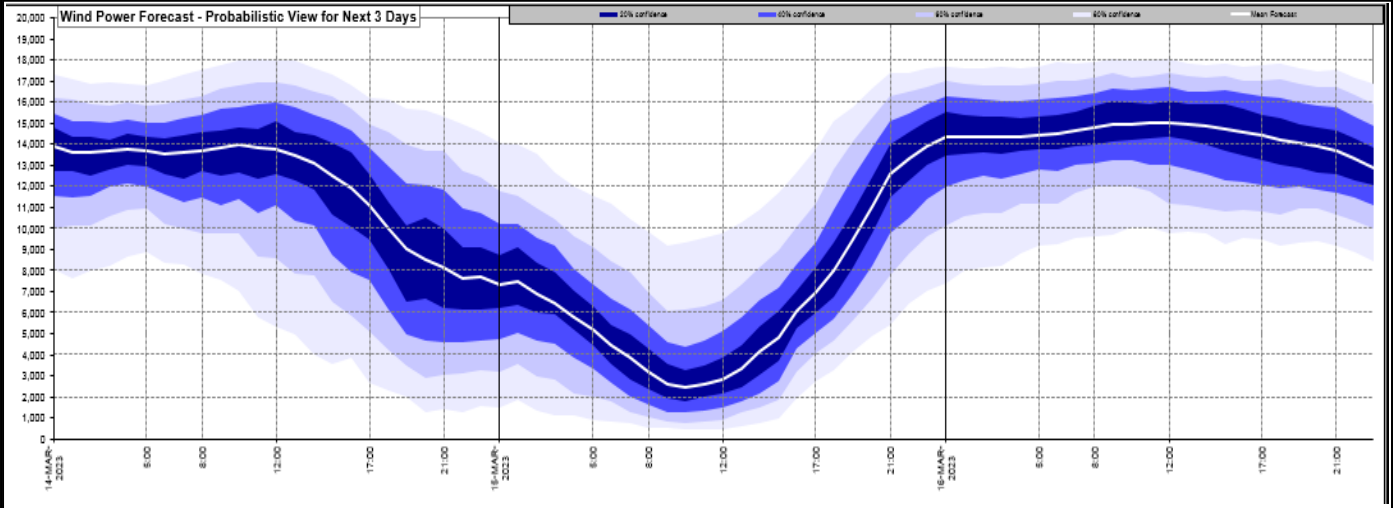
Today's Minimum De-Rated Margin	11,958 (SP 39)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 202.35 (SP 2)
Cash Out Price (Min)	£ -20.41 (SP 31)
Peak Demand Yesterday	36,842 MW
Minimum Demand	21,270 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1500	1500	Partially Available, Pole 1 on outage.
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

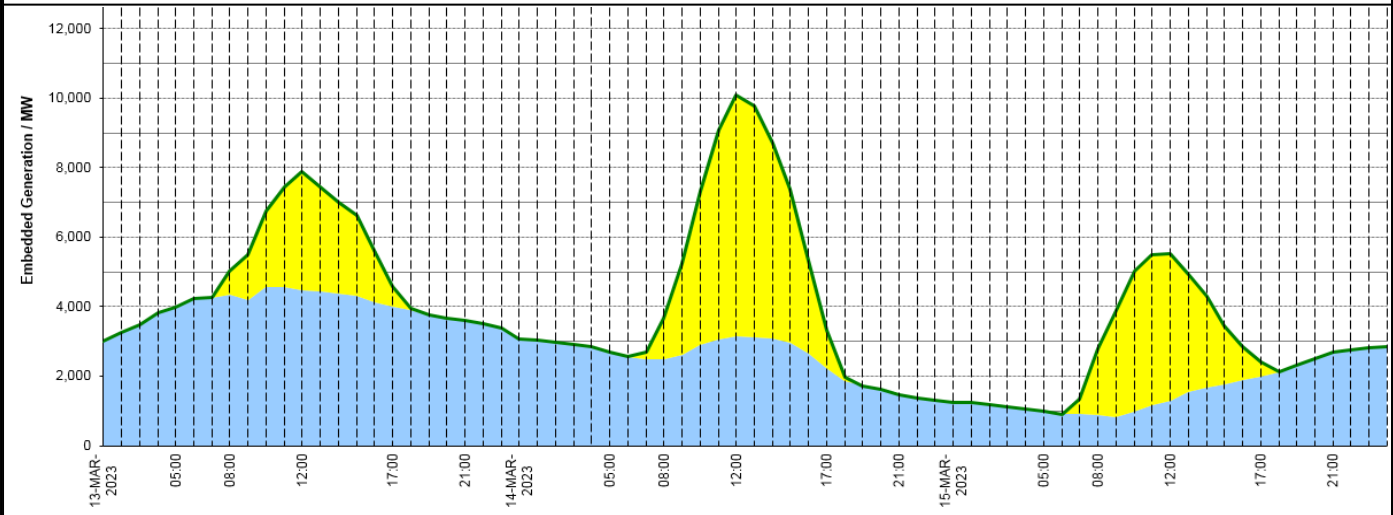
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	13-MAR-2023					14-MAR-2023					15-MAR-2023						
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	
Solar (MW)	0	664	3430	566	0	0	0	1195	6954	1088	0	0	1911	4256	401	0	
Wind (MW)	3995	4357	4463	4014	3619	3078	2709	2477	3136	2233	1479	1248	998	871	1281	1998	2700
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	3995	5021	7893	4580	3619	3078	2709	3672	10090	3321	1479	1248	998	2782	5537	2399	2700



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early rain in the south soon clearing. Otherwise some sunshine at times, but also some showers about, especially Scotland and Northern Ireland where showers falling as snow. Cold and breezy.</p> <p>Tonight: Further snow showers northern Scotland, especially Shetland. Otherwise long clear periods and widespread frost, severe in north. Isolated freezing fog patches. Windy in far north with gales Orkney and Shetland.</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 and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Strathclyde ACTIVE Started at: 05:00 GMT on Mon 13 March Ends: 11:00 GMT on Tue 14 March Rain will turn to snow bringing the chance of some disruption to transport and infrastructure. Icy surfaces are likely later.</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife East Midlands North East England North West England SW Scotland, Lothian Borders Strathclyde Wales West Midlands</p>

Weather	Source	Commentary
		<p> Yorkshire & Humber ACTIVE Started at: 17:00 GMT on Mon 13 March Ended: 10:00 GMT on Tue 14 March Rain, sleet and snow followed by ice likely to cause some impacts to travel.</p> <p>Yellow warning of snow Areas affected: Orkney & Shetland ACTIVE Started at: 17:00 GMT on Mon 13 March Ended: 11:00 GMT on Wed 15 March Further spells of heavy snow are likely to exacerbate current disruption.</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders Strathclyde ACTIVE Started at: 17:00 GMT on Mon 13 March Ended: 11:00 GMT on Tue 14 March Overnight snow showers are likely to lead to slippery and unsafe conditions on untreated roads, cycle paths and pavements.</p> <p>Yellow warning of snow Areas affected: Northern Ireland Starts: 07:00 GMT on Tue 14 March Ends: 11:00 GMT on Tue 14 March A band of showers will move east, turning to snow in places.</p> <p>Flood Warnings 7 flood warnings and 66 flood alerts issued for England. 0 flood warnings and 5 flood alerts issued for Scotland. 1 flood warnings and 29 flood alerts issued 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