

National Electricity Transmission System Status Report

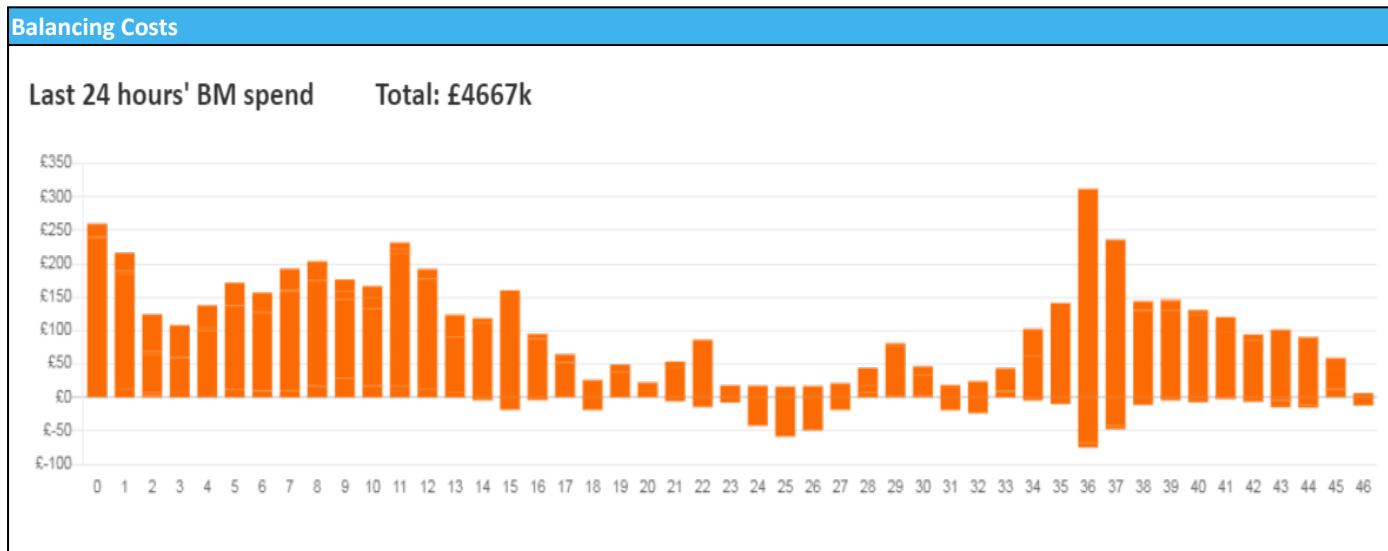


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 15 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	10,285 (SP 19)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



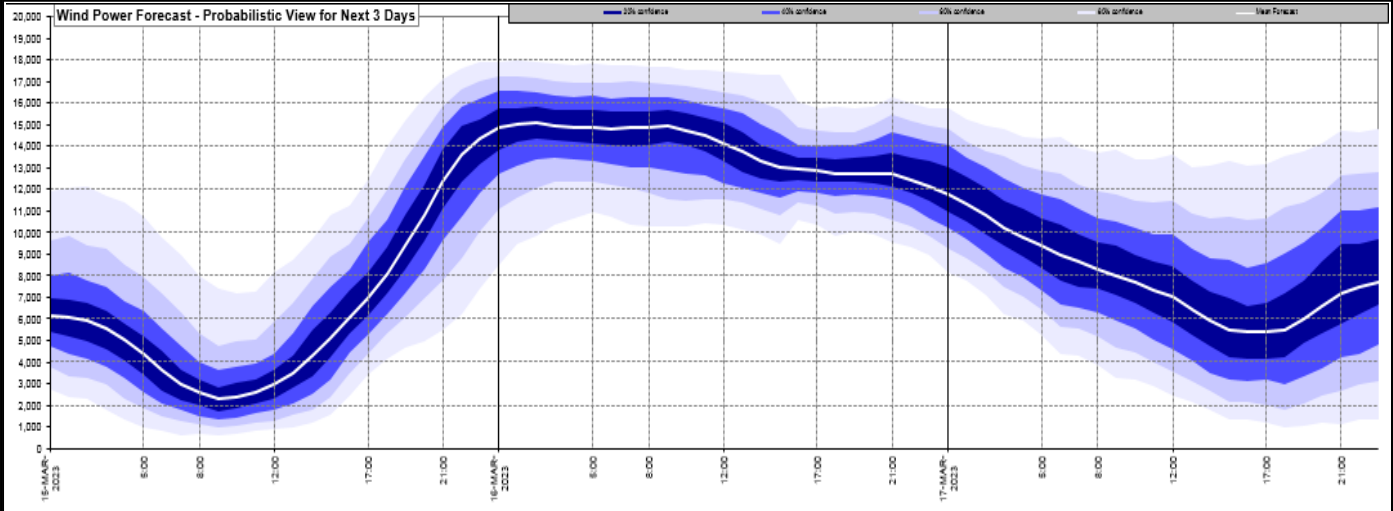
Yesterday's Market Summary

Cash Out Price (Max)	£ 275.00 (SP 38)
Cash Out Price (Min)	£ 92.00 (SP 27)
Peak Demand Yesterday	41,070 MW
Minimum Demand	24,150 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

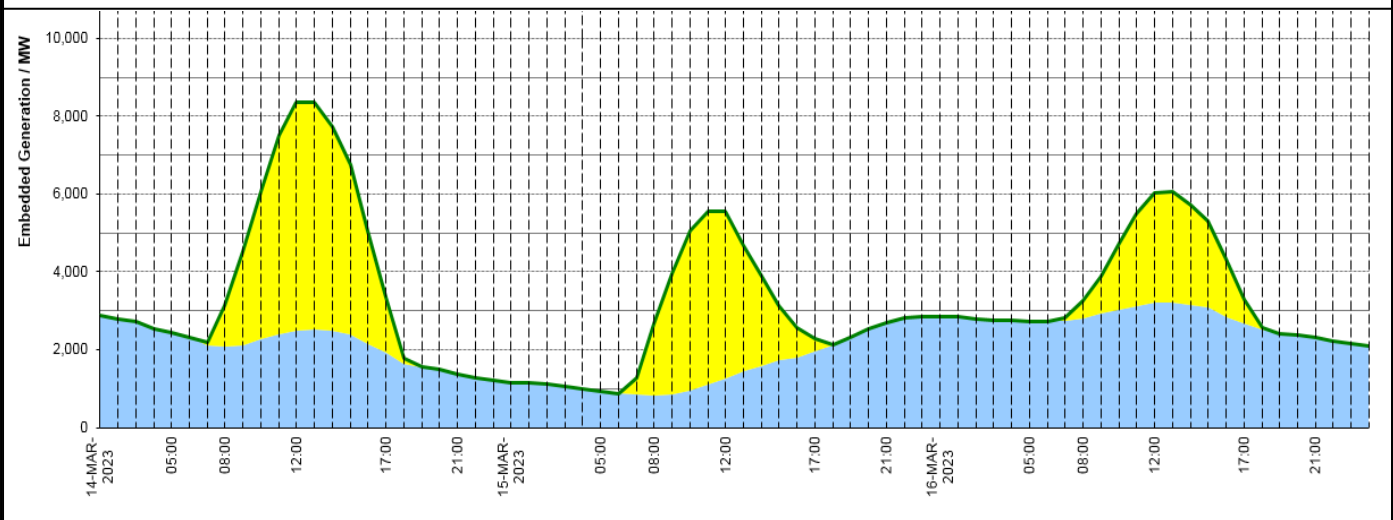
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	14-MAR-2023					15-MAR-2023					16-MAR-2023						
	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	1062	5880	1445	0	0	0	1846	4292	333	0	0	0	448	2805	593	0
Wind (MW)	2434	2064	2480	1913	1368	1163	941	829	1270	1944	2700	2864	2738	2814	3227	2692	2310
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2434	3126	8360	3358	1368	1163	941	2675	5562	2277	2700	2864	2738	3262	6032	3285	2310



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Snow showers in the far north slowly easing. Otherwise, after a bright but cold start, cloud and rain will spread northeast across most parts through the day, with snow developing in the north, mainly over hills. Cold for most places.</p> <p>Tonight: Mostly cloudy with spells of rain, heavy at times in the west, and preceded by snow across high ground in the north. Windy, but milder than the previous night.</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: Orkney & Shetland ACTIVE Started at: 17:00 GMT on Mon 13 March Ends: 11:00 GMT on Wed 15 March Further spells of heavy snow are likely to exacerbate current disruption.</p> <p>Yellow warning of ice Areas affected: North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber ACTIVE Started at: 16:00 GMT on Tue 14 March</p>

Weather	Source	Commentary
		<p>Ends: 10:00 GMT on Wed 15 March Icy patches developing on untreated surfaces in the wake of daytime sleet and snow showers.</p> <p>Yellow warning of snow and ice Areas affected: Highlands & Eilean Siar Orkney & Shetland Strathclyde ACTIVE Started at: 17:00 GMT on Tue 14 March Ends: 10:00 GMT on Wed 15 March Further sleet and snow showers and icy patches likely</p> <p>Yellow warning of ice Areas affected: East Midlands East of England London & South East England North East England North West England South West England Wales West Midlands Yorkshire & Humber ACTIVE Started at: 00:00 GMT on Wed 15 March Ends: 08:30 GMT on Wed 15 March Icy patches are possible on untreated surfaces</p> <p>Yellow warning of rain Areas affected: Northern Ireland Starts: 14:00 GMT on Wed 15 March Ends: 10:00 GMT on Thu 16 March A spell of persistent rain may cause difficult travel conditions through Wednesday and Thursday</p> <p>Yellow warning of snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber Starts: 16:00 GMT on Wed 15 March Ends: 04:00 GMT on Thu 16 March Spells of snow likely to cause disruption, mainly over higher transport routes.</p> <p>Yellow warning of rain Areas affected: Central, Tayside & Fife East Midlands North West England SW Scotland, Lothian Borders Strathclyde Wales West Midlands Yorkshire & Humber Starts: 00:00 GMT on Thu 16 March Ends: 15:00 GMT on Thu 16 March Persistent rain, which will be particularly heavy over southwest facing hills, is likely to cause some difficult travel conditions</p> <p>Flood Warnings 8 flood warnings and 42 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 10 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

Further Information

NGESO Insights

<https://www.nationalgrideso.com/insights>