

National Electricity Transmission System Status Report

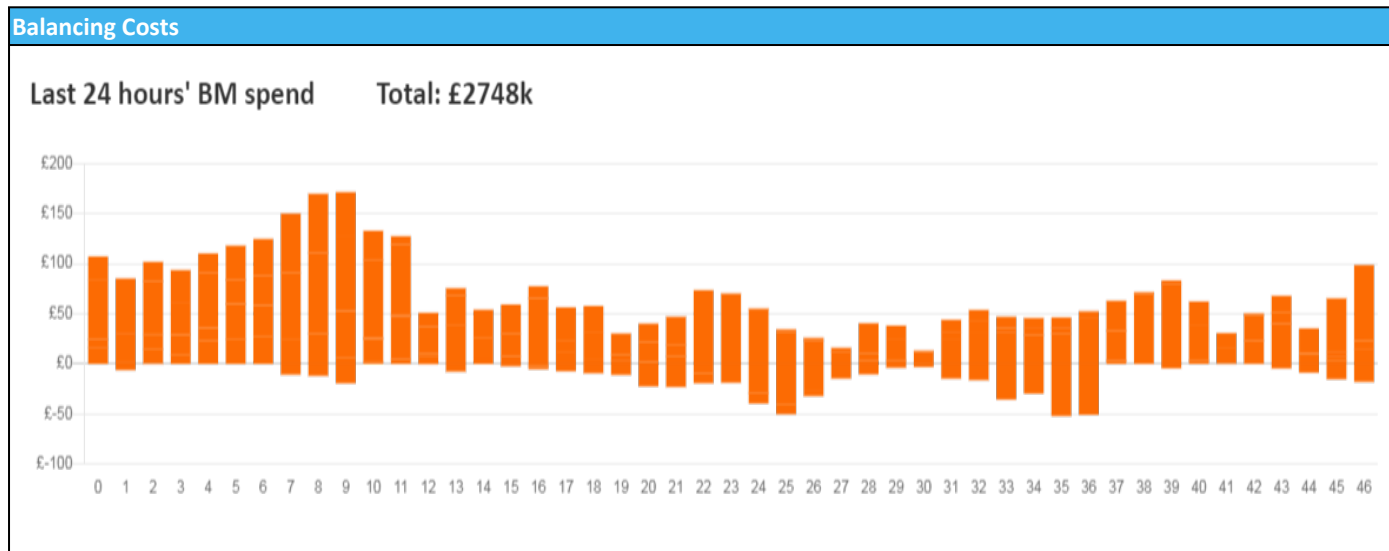


nationalgridESO

National Electricity Transmission System Status Report
Friday 31 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	10,117 (SP 27)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



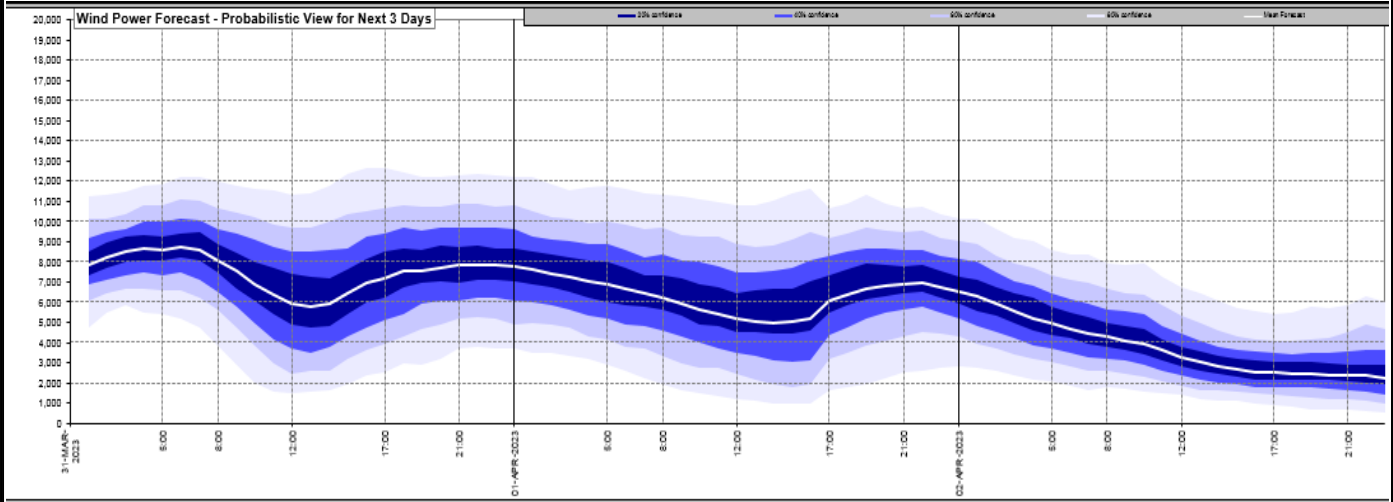
Yesterday's Market Summary

Cash Out Price (Max)	£172.90 (SP 41)
Cash Out Price (Min)	£ 60.00 (SP 10)
Peak Demand Yesterday	33,617 MW
Minimum Demand	20,274 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Partially Available - Bipole 1 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)	1100	1100	Partially Available
France (IFA2)	1014	1014	Fully Available

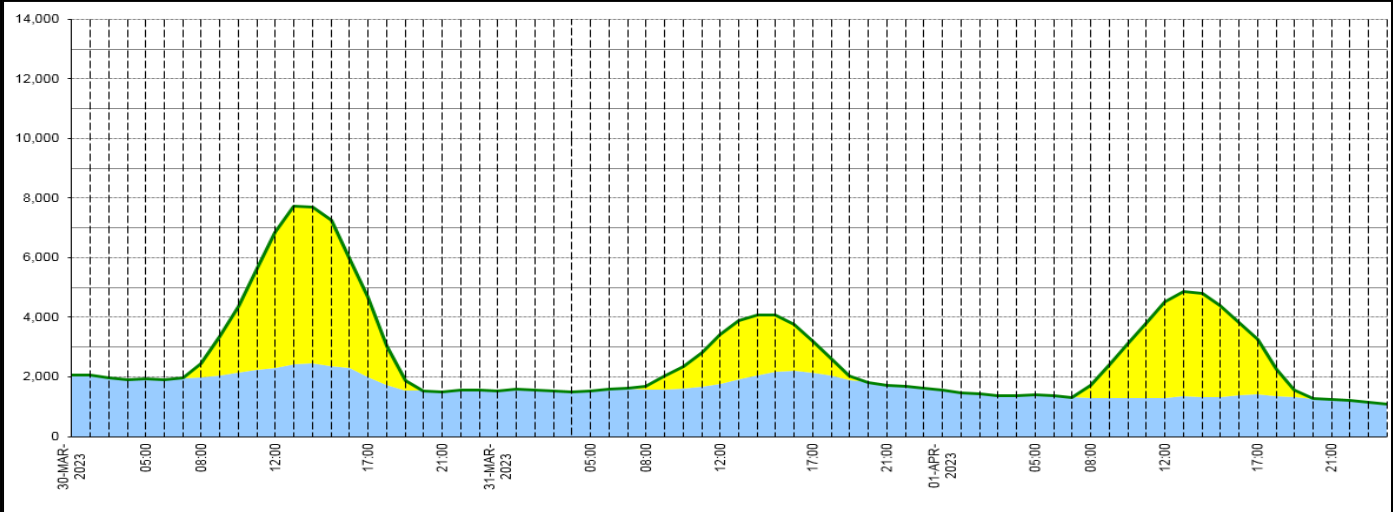
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-MAR-2023					31-MAR-2023					01-APR-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	460	4546	2700	0	0	0	98	1642	1080	0	0	0	410	3238	1844	0
Wind (MW)	1935	1980	2310	1978	1498	1523	1536	1573	1775	2129	1711	1564	1388	1304	1287	1408	1236
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1935	2440	6856	4678	1498	1523	1536	1671	3417	3209	1711	1564	1388	1714	4525	3252	1236



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain or showers, heavy at times, affecting southern and central areas. Windy here with coastal gales in the south. Chilly in the northeast with low cloud, drizzle and hill fog. Some sunny spells, mainly across northwestern parts. Tonight: Further rain for Northern Ireland, Wales and southern England, whilst low cloud and drizzle affects eastern areas. Mostly dry elsewhere, and winds easing in the south.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of wind Areas affected: London & South East England South West England Wales ACTIVE Started at: 21:00 BST on Thu 30 March Ends: 12:00 BST on Fri 31 March Strong winds may affect parts of southern England and south Wales during Thursday evening and Friday morning - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely Yellow warning of rain Areas affected: South West England

Weather	Source	Commentary
		<p>Starts: 06:00 BST on Fri 31 March Ends: 18:00 BST on Fri 31 March</p> <p>Heavy rain leading to some travel disruption and a chance of some flooding in a few places.</p> <ul style="list-style-type: none"> - Bus and train services probably affected with journey times taking longer - Spray, standing water and some flooding on roads probably making journey times longer
		<p>Flood Warnings</p> <p>30 flood alerts and 0 flood warnings for England. 0 flood alerts and 0 flood warnings for Scotland. 1 flood alerts and 0 flood warnings 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