

National Electricity Transmission System Status Report

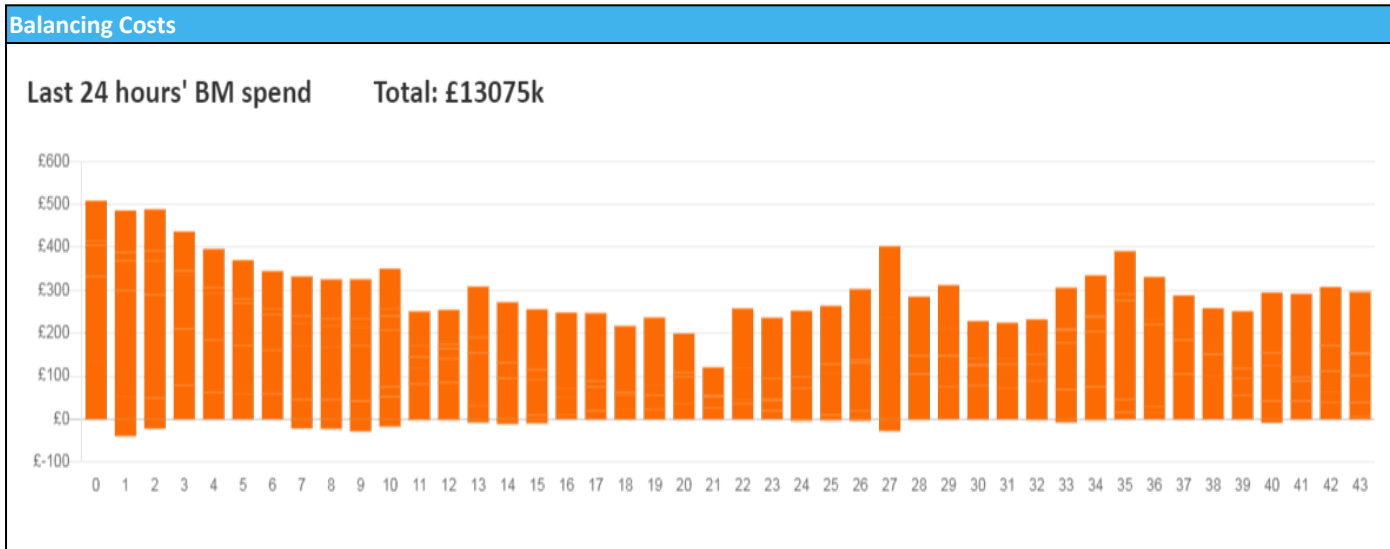


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 11 April 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			

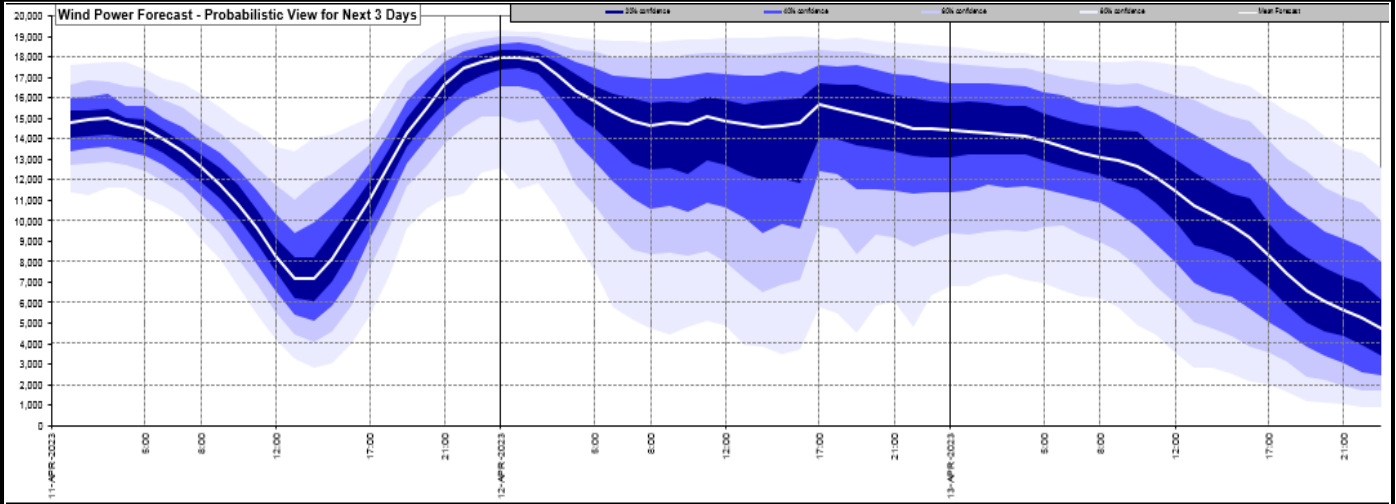
Today's Minimum De-Rated Margin	13,082 (SP 34)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 143.00 (SP 40-41)
Cash Out Price (Min)	£ -128.11 (SP 30)
Peak Demand Yesterday	28,401 MW
Minimum Demand	18,014 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
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

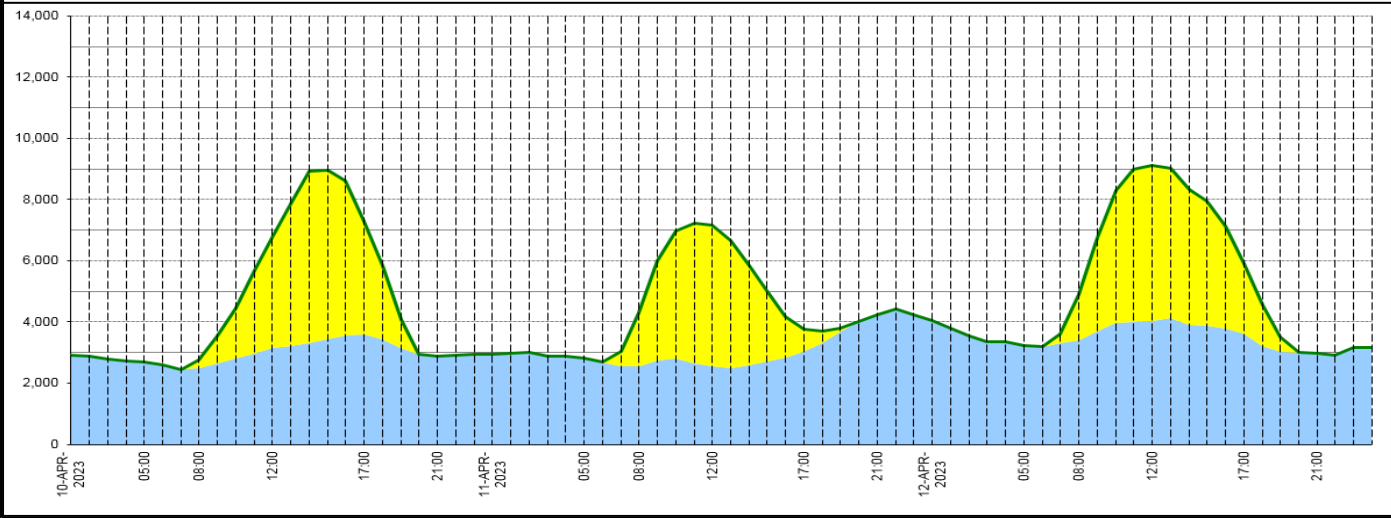
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	10-APR-2023					11-APR-2023					12-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	270	3603	3703	0	0	0	1768	4617	730	0	0	0	1505	5093	2276	0
Wind (MW)	2700	2478	3145	3575	2880	2939	2804	2543	2558	3034	4224	4033	3240	3404	4022	3620	2964
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2700	2748	6748	7278	2880	2939	2804	4311	7175	3764	4224	4033	3240	4909	9115	5896	2964



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Sunny spells and a scattering of showers at first. More widespread rain pushes northeast across all areas through the day, becoming slow-moving for parts of the north. Windy, with gales for exposed coasts and hills. Temperatures near normal. Tonight: Further spells of rain for parts of Scotland, turning to snow over mountains. Rain or showers for many other areas, locally heavy with rain and thunder. Gales for eastern Scotland.
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: North West England Northern Ireland SW Scotland, Lothian Borders South West England Wales Starts: 15:00 BST on Tue 11 April Ends: 03:00 BST on Wed 12 April A period of strong winds bringing the potential for some disruption later on Tuesday and perhaps into the early hours of Wednesday. - 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 - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected

Weather	Source	Commentary
		<p>by spray and/or large waves</p> <p>Yellow warning of wind Areas affected: London & South East England South West England Wales Starts: 06:00 BST on Wed 12 April Ends: 23:59 BST on Wed 12 April A swathe of strong winds potentially bringing some disruption on Wednesday.</p> <ul style="list-style-type: none"> - 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 - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected <p>by spray and/or large waves</p> <p>Flood Warnings 8 flood alerts and 0 flood warnings for England. 0 flood alerts and 0 flood warnings for Scotland. 0 flood alert 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