

**National Electricity
Transmission System Status Report**

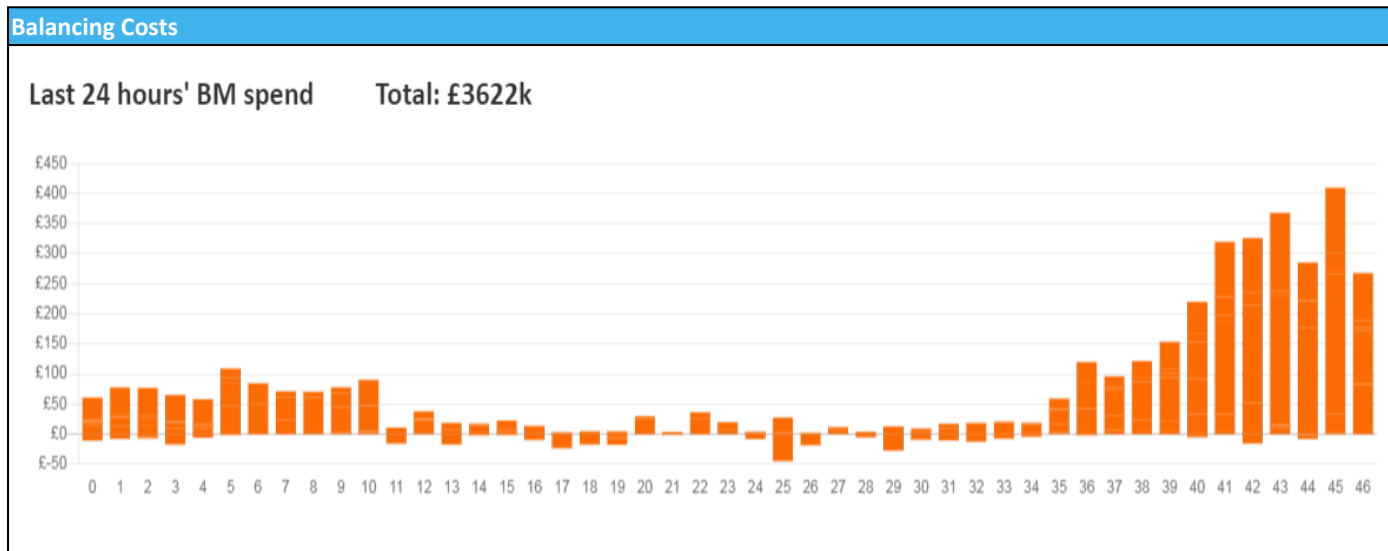


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 22 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			

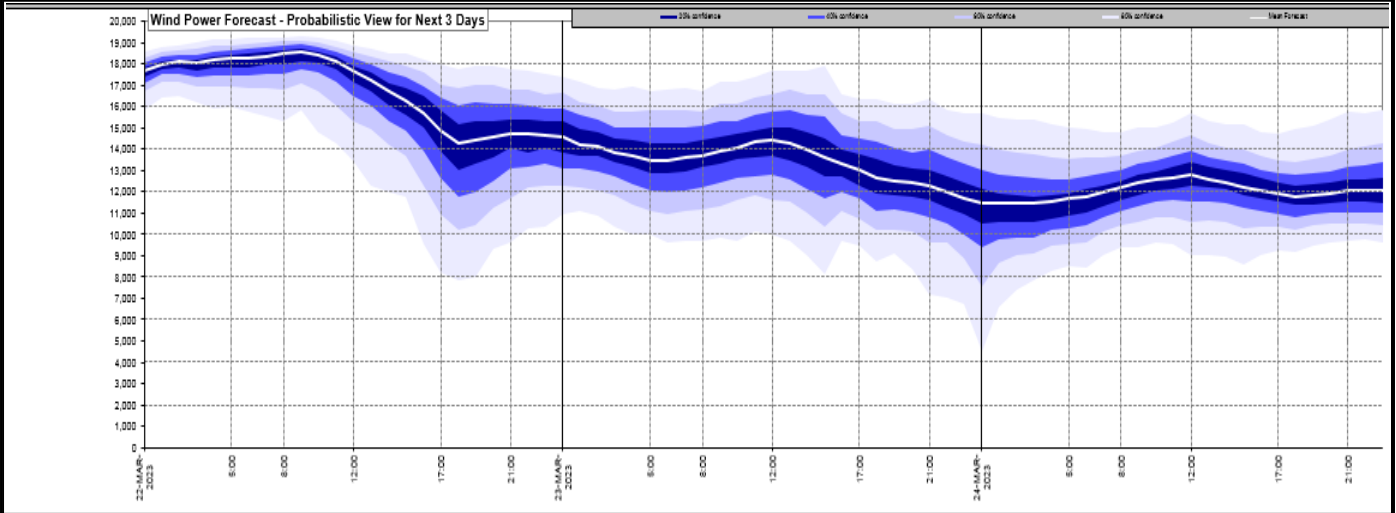
Today's Minimum De-Rated Margin	15500 (SP38)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 195.00 (SP 7)
Cash Out Price (Min)	£ -69 (SP 46)
Peak Demand Yesterday	35,700 MW
Minimum Demand	19,815 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1500	1500	Partially 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

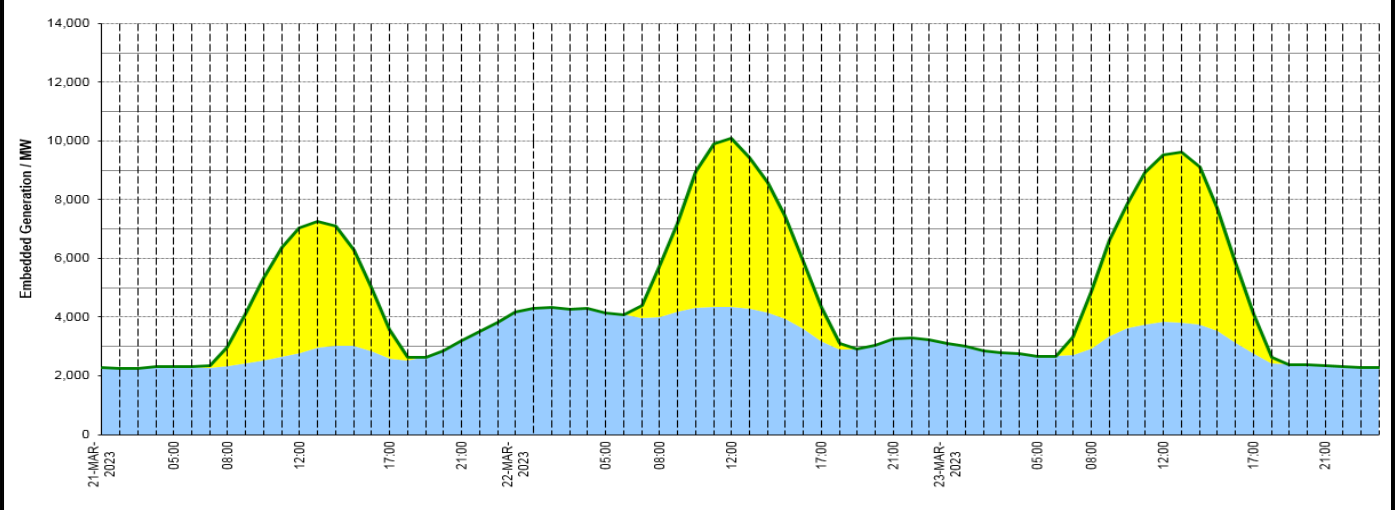
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates															Last run: 22-Mar-2023 01:43:51		
	21-MAR-2023					22-MAR-2023					23-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	651	4279	1004	0	0	0	1716	5760	1180	0	0	0	1946	5697	1353	0
Wind (MW)	2301	2324	2770	2577	3188	4158	4157	4006	4341	3166	3255	3118	2650	2930	3833	2757	2335
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2301	2975	7049	3581	3188	4158	4157	5722	10101	4346	3255	3118	2650	4876	9530	4110	2335



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain clearing eastwards this morning, though lingering across southeast England and the Northern Isles. Sunny spells elsewhere but also some showers, heaviest and most frequent in the north and west. Windy, with severe gales across northwest Scotland at first.</p> <p>Tonight: Windy with bands of showers, some heavy, moving northeastwards across most parts. Some clear spells in between. Relatively mild for most places overnight.</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 weather warning of wind affecting the Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, Strathclyde,</p> <p>Flood Warnings 48 flood alerts and 16 flood warnings for England. 10 flood alerts and 35 flood warnings for Scotland. 29 flood alerts and 5 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