

National Electricity Transmission System Status Report

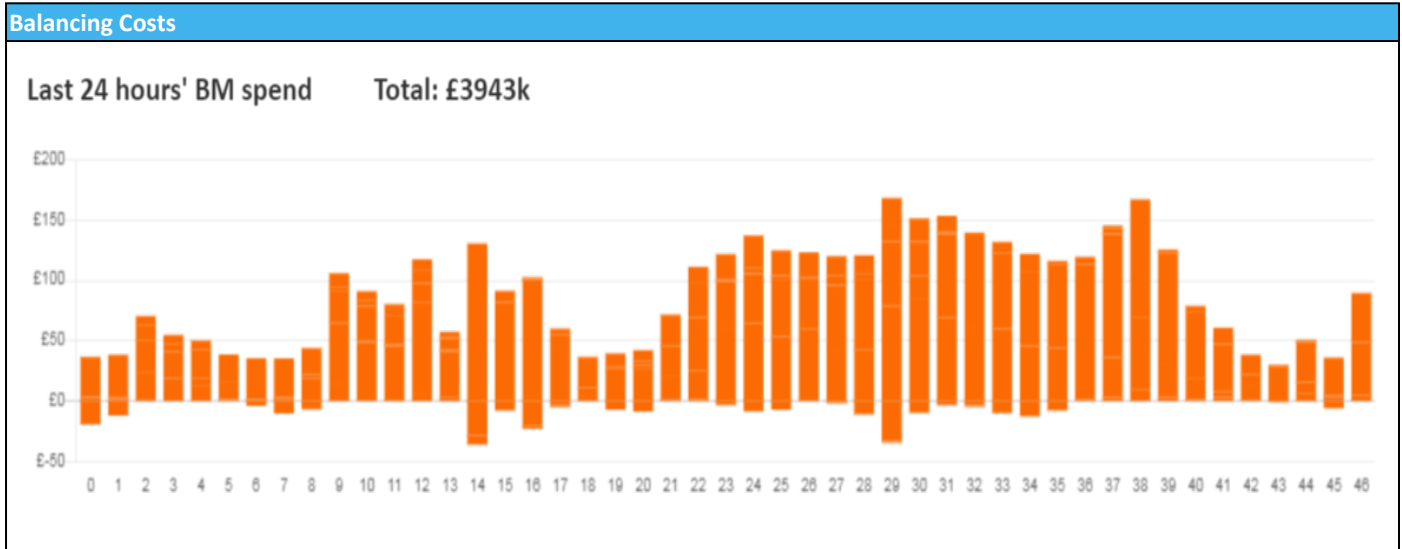


nationalgridESO

National Electricity Transmission System Status Report
Thursday 20 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	11,944.91 (SP 42)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



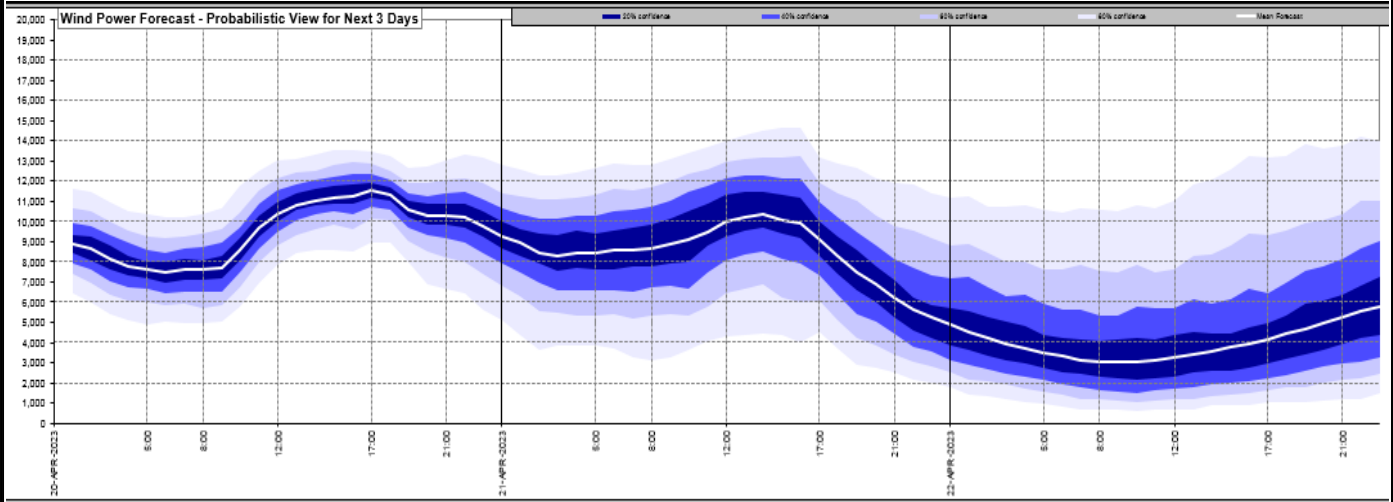
Yesterday's Market Summary

Cash Out Price (Max)	£203.13 (SP 16)
Cash Out Price (Min)	- £70.47 (SP 31)
Peak Demand Yesterday	31,047 MW
Minimum Demand	19,970 MW

Interconnector Net Transfer Capacity (MWs)

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

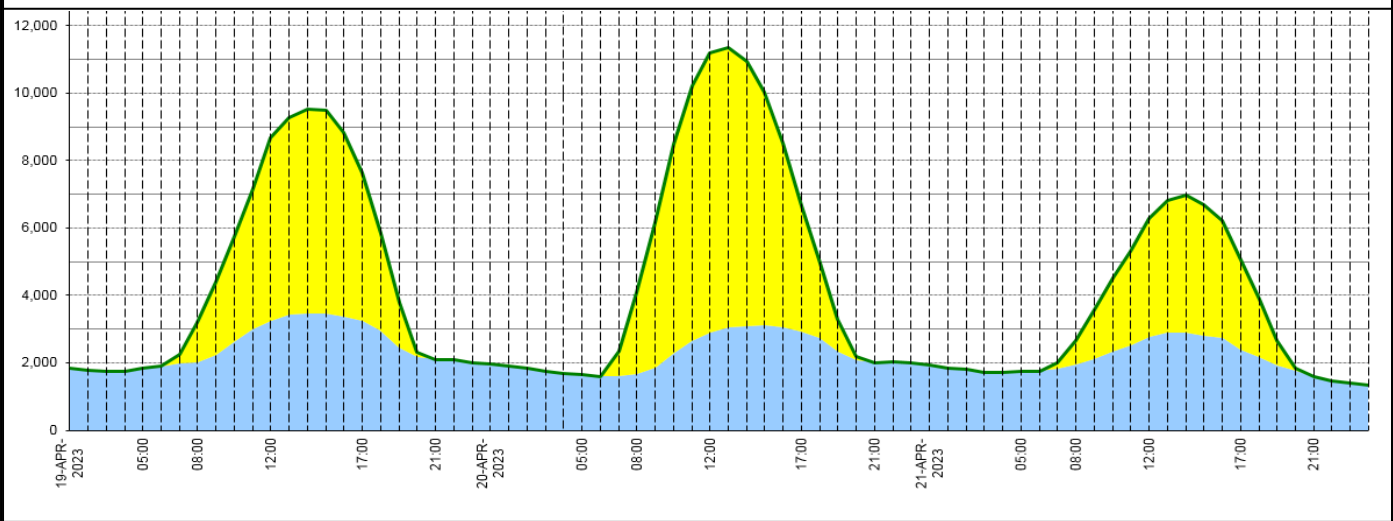
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-APR-2023					20-APR-2023					21-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	1175	5433	4382	0	0	0	2423	8312	3734	0	0	0	704	3516	2642	0
Wind (MW)	1832	2032	3242	3247	2105	1960	1650	1655	2889	2937	2013	1941	1741	1950	2765	2408	1607
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1832	3207	8675	7629	2105	1960	1650	4078	11201	6671	2013	1941	1741	2654	6281	5050	1607



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Fine and sunny for most. A brisk easterly breeze will make it feel chilly on exposed coasts whilst sheltered western areas become warm. Turning cloudy with some rain and showers in the southeast later, perhaps heavy into the evening.</p> <p>Tonight: Dry and mainly clear in Scotland, Northern Ireland and northern England. Cloudy elsewhere with rain or showers at times in the southeast. Breezy for most.</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 No weather warnings are in force for the UK.</p> <p>Flood Warnings 6 flood alerts and 0 flood warnings for England.</p>

Weather	Source	Commentary
		<p>No flood warnings are currently in force for Scotland.</p> <p>No flood warnings are currently in force 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