

National Electricity Transmission System Status Report

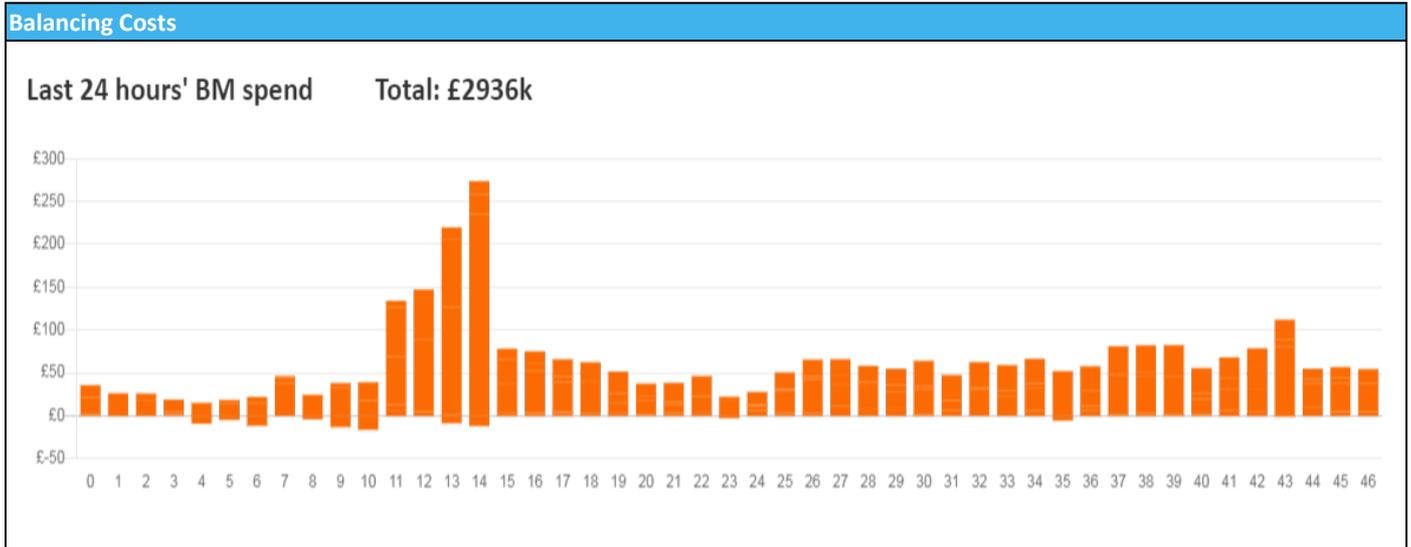


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 18 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	13,429 (SP 16)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



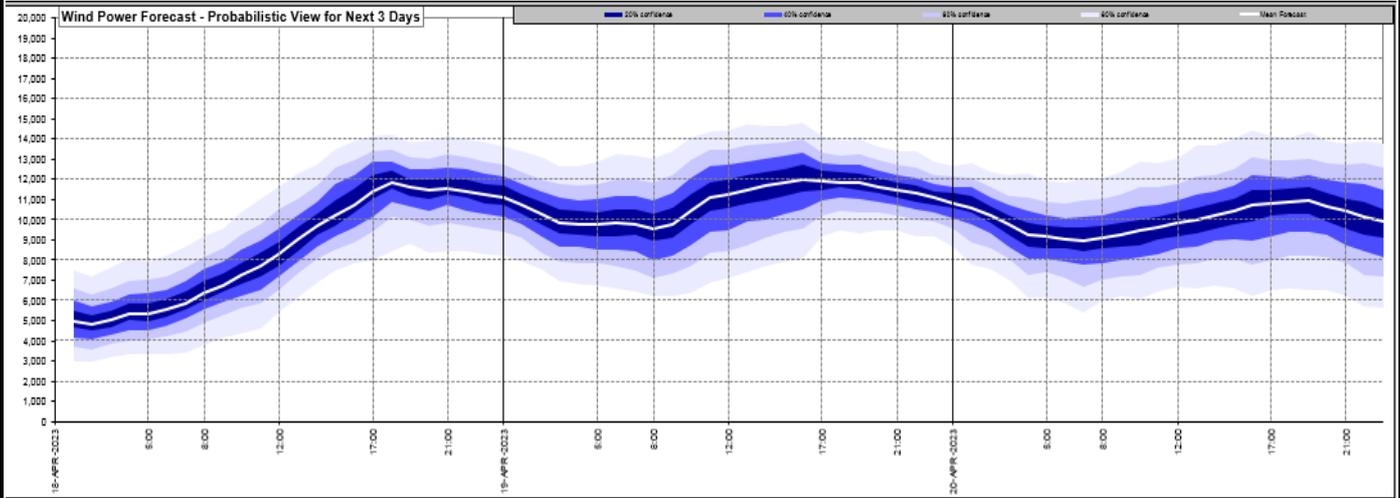
Yesterday's Market Summary

Cash Out Price (Max)	£ 213.72 (SP 16)
Cash Out Price (Min)	£ 77.27 (SP 6)
Peak Demand Yesterday	33,501 MW
Minimum Demand	20,770 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

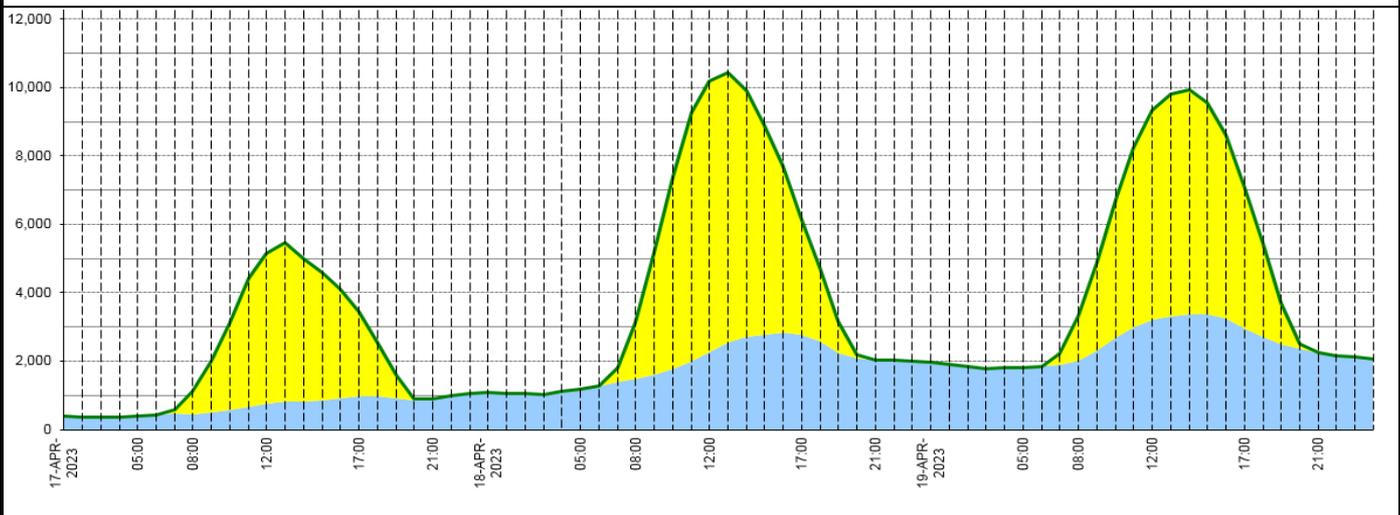
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-APR-2023					18-APR-2023					19-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	682	4413	2458	0	0	0	1676	7926	3353	0	0	0	1297	6115	4107	0
Wind (MW)	405	448	743	983	904	1076	1185	1470	2256	2759	2046	1971	1819	2011	3213	2965	2246
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	405	1130	5156	3441	904	1076	1185	3146	10182	6112	2046	1971	1819	3308	9328	7072	2246



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Low cloud, mist and hill fog will clear this morning, leaving most areas with long spells of sunshine. Warm again in the sheltered north and west. Cloudier across the south later, with a few showers for Devon and Cornwall. Tonight: Cloudy with a few showers for southwestern areas. May be the odd rumble of thunder here. Elsewhere, fine and clear, though with brisk winds for coasts and hills.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 12 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.

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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