

National Electricity Transmission System Status Report

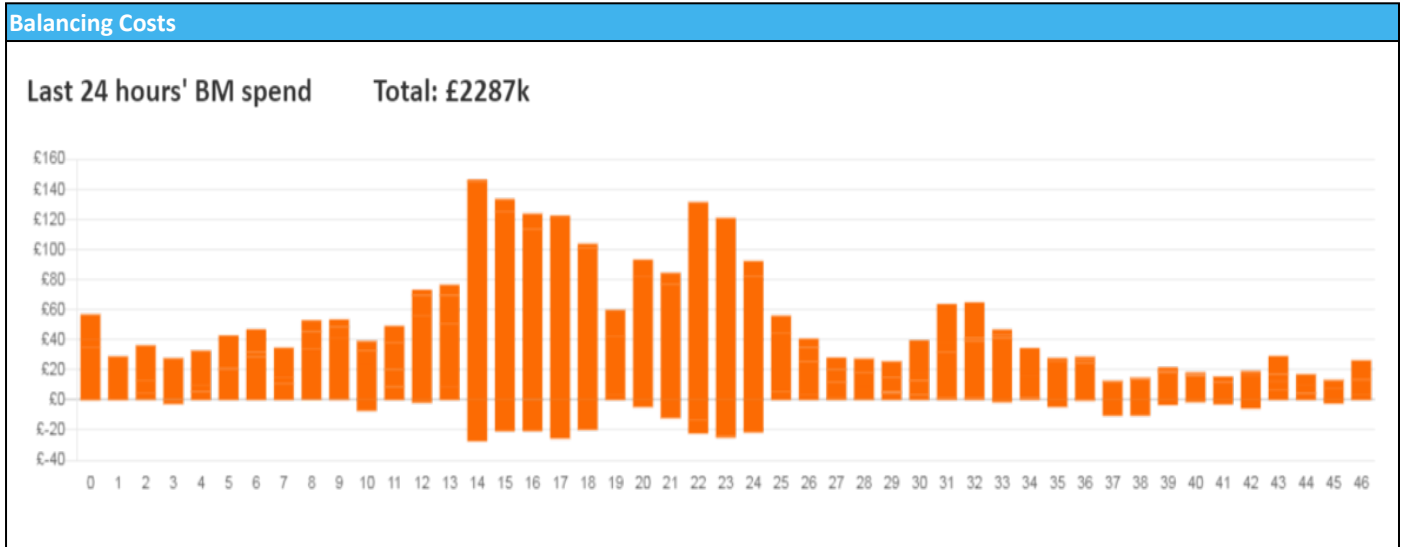


nationalgridESO

National Electricity Transmission System Status Report
Saturday 29 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			

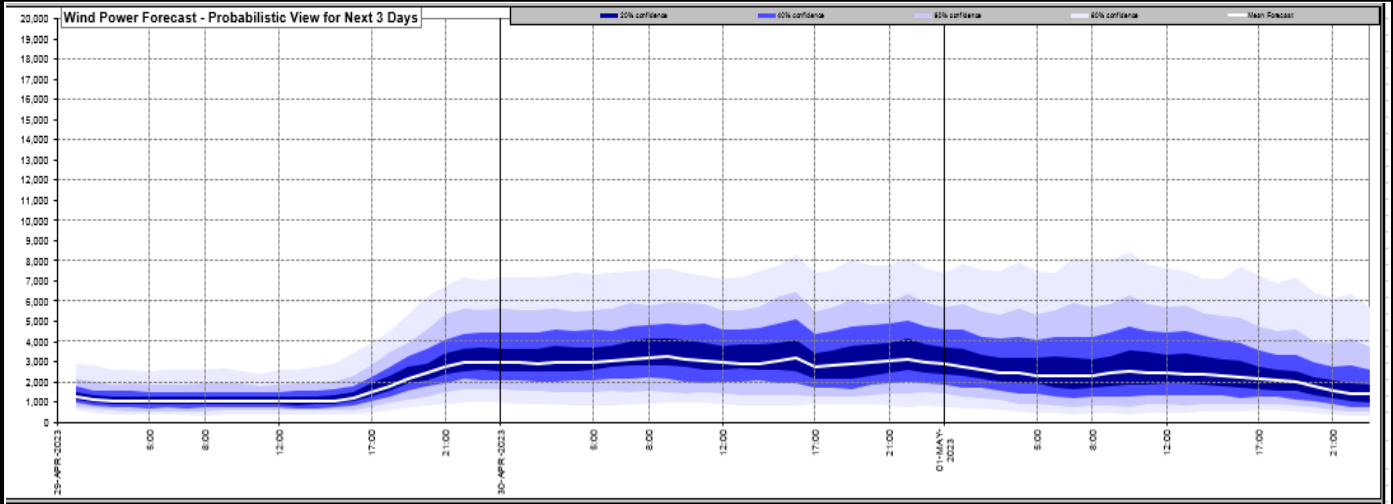
Today's Minimum De-Rated Margin	6168.96 (SP 37)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£190.00 (SP16 & SP19)
Cash Out Price (Min)	£70.65 (SP39 & SP40)
Peak Demand Yesterday	32,630 MW
Minimum Demand	20,000 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)	1424	1424	Fully Available
France (IFA2)	1014	1014	Fully Available

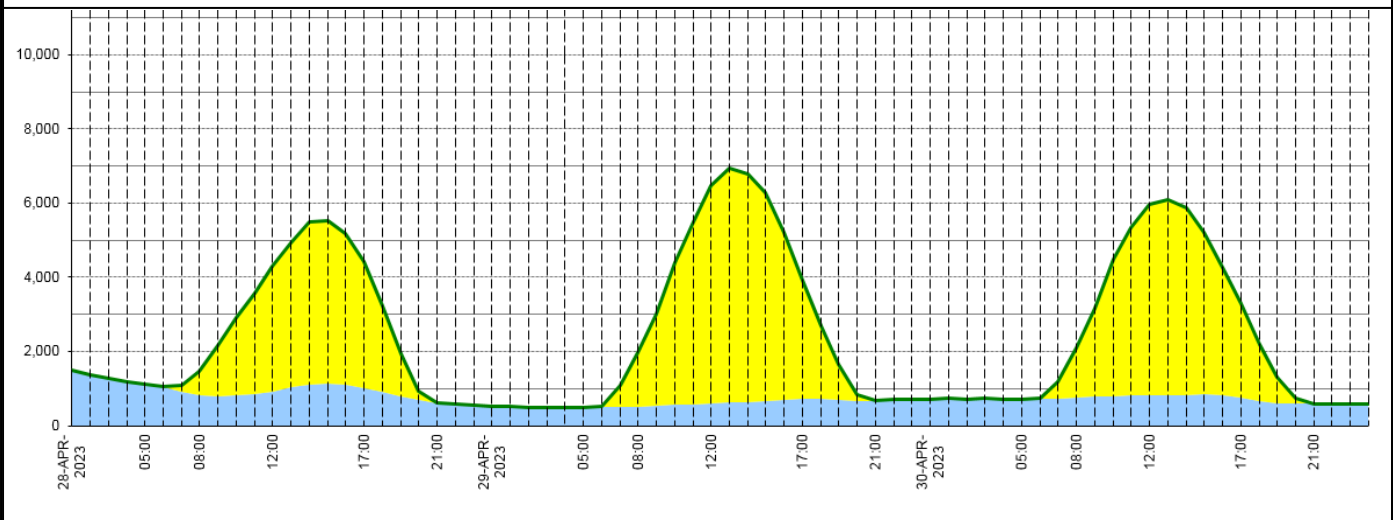
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-APR-2023					29-APR-2023					30-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	666	3359	3415	0	0	0	1456	5872	3203	0	0	0	1339	5139	2542	0
Wind (MW)	1124	810	928	1015	615	518	483	509	604	722	675	725	712	748	826	747	588
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1124	1476	4287	4430	615	518	483	1965	6476	3925	675	725	712	2087	5965	3289	588



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of mainly light rain in parts of northwest UK at first moving erratically northeastwards. Elsewhere, bright or sunny spells with some heavy and perhaps thundery showers developing in the west. Chilly across the north and northeast, feeling warm elsewhere.</p> <p>Tonight: Clear spells across the south and southeast. Elsewhere becoming increasingly cloudy with some showery outbreaks of rain, heavy in places. Chilly in the north and southeast, otherwise generally mild.</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 2 flood alerts and 0 flood warnings for England.</p> <p>No flood warnings are currently in force for Scotland</p>

Weather	Source	Commentary
		No flood warnings are currently in force 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