

National Electricity Transmission System Status Report

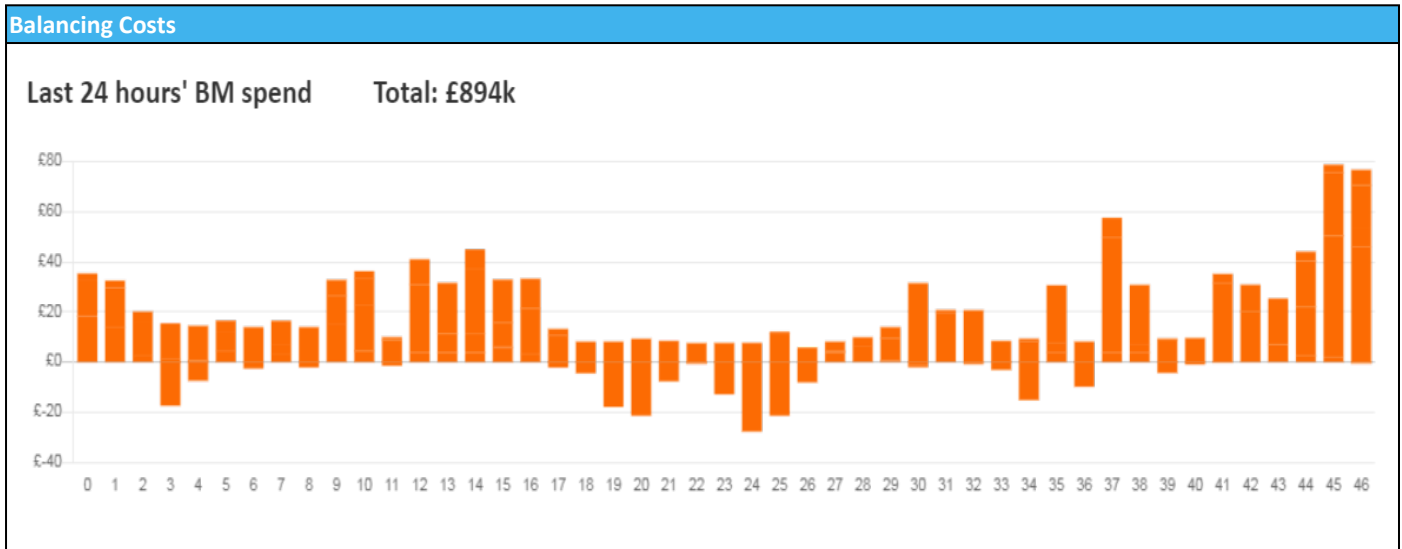


nationalgridESO

National Electricity Transmission System Status Report
Thursday 27 July 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			

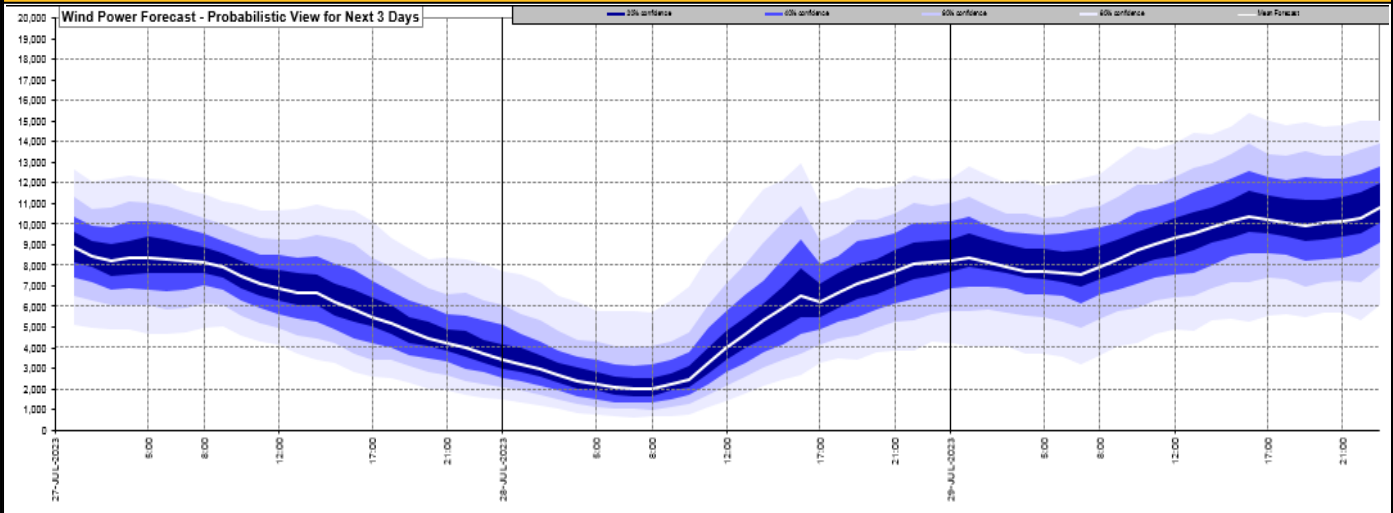
Today's Minimum De-Rated Margin	6861 (SP 48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£128.0 (SP 43-45)
Cash Out Price (Min)	£51.65 (SP 7)
Peak Demand Yesterday	29,910 MW
Minimum Demand	17,595 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	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)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

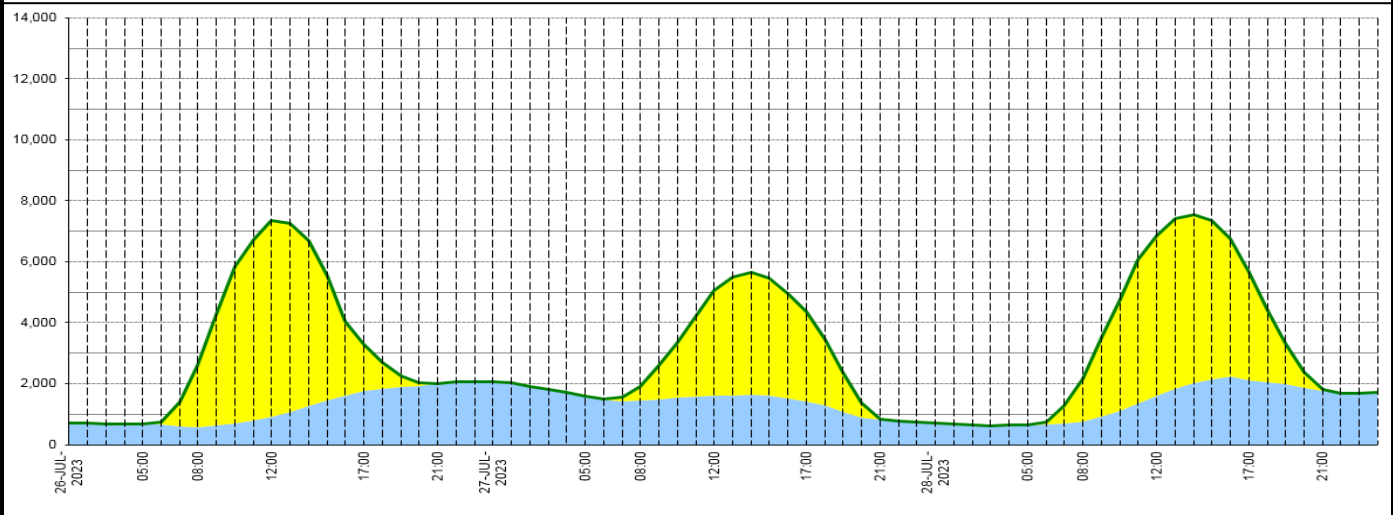
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-JUL-2023					27-JUL-2023					28-JUL-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	2031	6421	1513	7	0	0	467	3467	2947	41	0	0	1412	5247	3527	47
Wind (MW)	684	570	926	1774	2004	2065	1588	1435	1596	1422	806	699	635	756	1611	2119	1778
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	684	2601	7347	3287	2011	2065	1588	1902	5063	4369	847	699	635	2168	6858	5646	1825



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rather cloudy with patchy outbreaks of rain and drizzle, especially on west facing coasts and hills. Conditions slowly improve from the west with some sunny spells possible later. Feeling humid.</p> <p>Tonight: Cloud with outbreaks of rain slowly clearing the far north and east of Scotland, elsewhere often cloudy perhaps with further outbreaks of light drizzle. Skies clearing from the west later.</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 0 flood warnings and 1 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 5 flood alerts issued for Wales.</p>

Weather	Source	Commentary

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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