

**National Electricity
Transmission System Status Report**

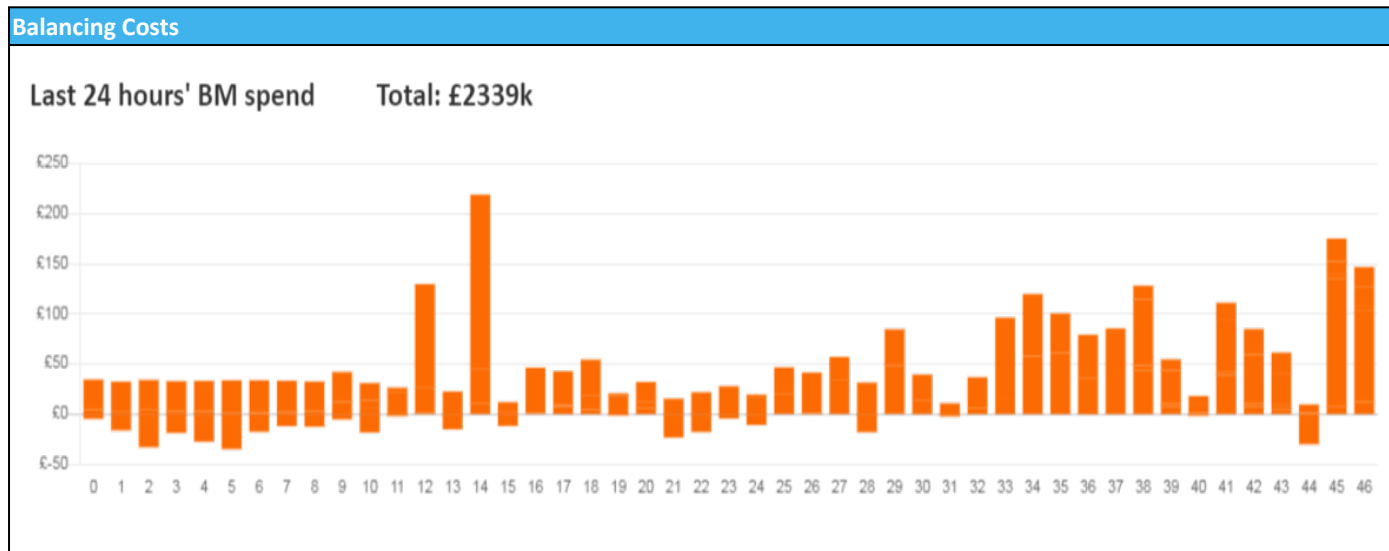


nationalgridESO

National Electricity Transmission System Status Report
Saturday 23 July 2022

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			

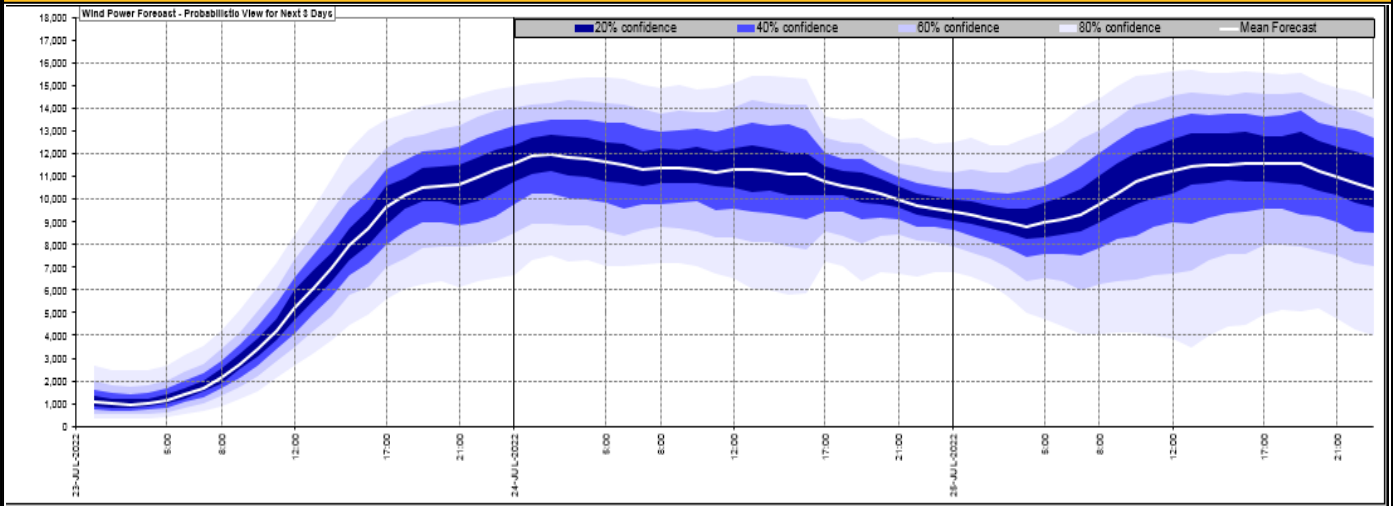
Today's Minimum De-Rated Margin	6669 (SP 18)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£390 (SP 35-40)
Cash Out Price (Min)	£174.00 (SP 2-7)
Peak Demand Yesterday	31,806 MW
Minimum Demand	17,760 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1028	1028	Fully Available
Belgium (Nemo)	1020	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	0	0	Planned Outage
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	0	0	Planned Outage
Norway (NSL)	1260	1150	ESO NTC restriction

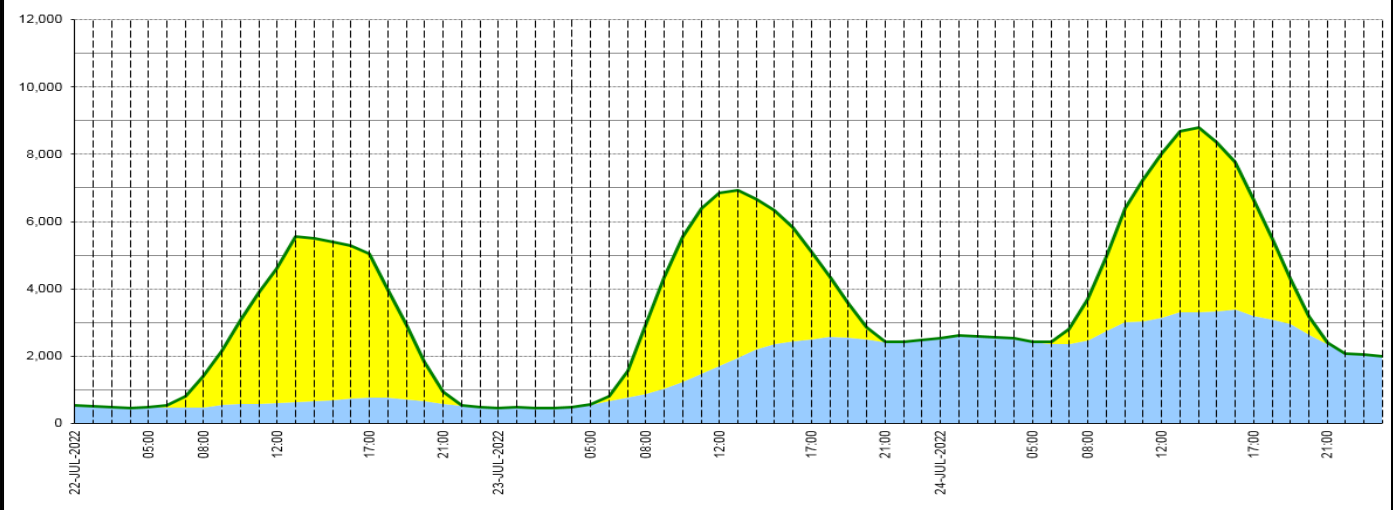
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-JUL-2022					23-JUL-2022					24-JUL-2022						
	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	933	4025	4290	354	0	0	2036	5157	2625	0	0	0	1221	4864	3442	49
Wind (MW)	482	479	599	756	582	459	551	875	1705	2480	2417	2544	2415	2472	3134	3206	2348
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	482	1412	4624	5046	936	459	551	2911	6862	5105	2417	2544	2415	3693	7998	6648	2397



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early cloud and rain over Northern Ireland spreading into other northern and western parts of the UK today, rain heavy at times in the northwest. Drier, warmer and brighter elsewhere, brightest in the southeast. Windy in the north and west. Tonight: Mostly cloudy, many areas away from the far south and east seeing some rain at times with heavy evening rain Northern Ireland spreading into western Scotland later. Warm and breezy.
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 Flood Warnings No flood warnings.

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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