

National Electricity Transmission System Status Report

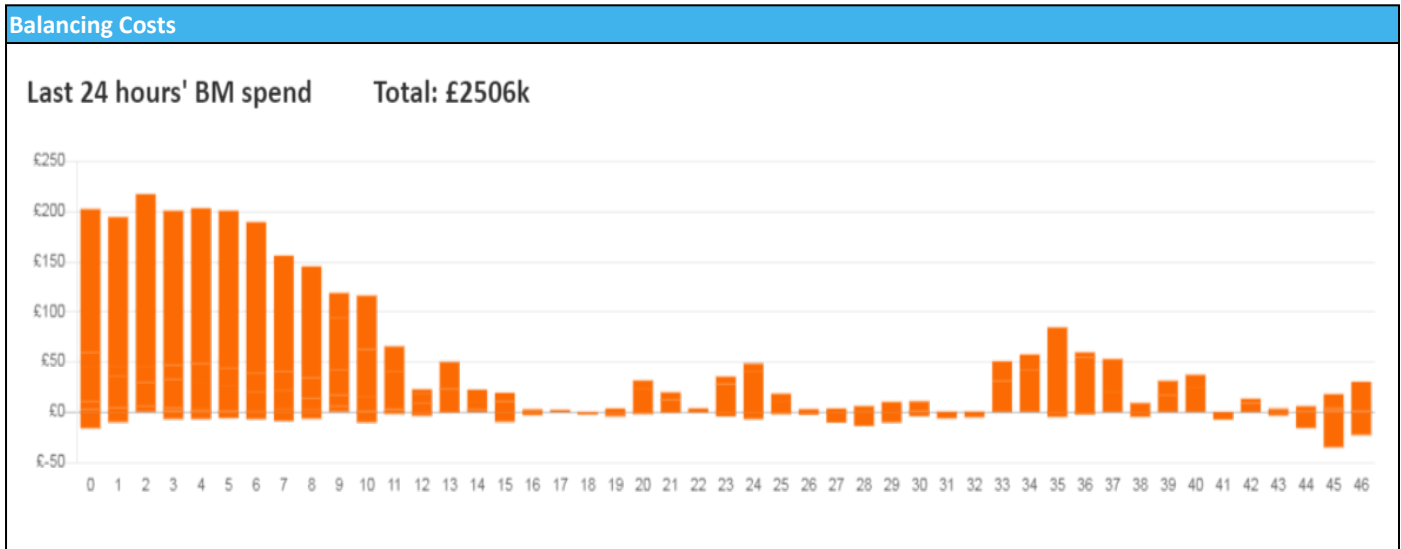


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 05 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			

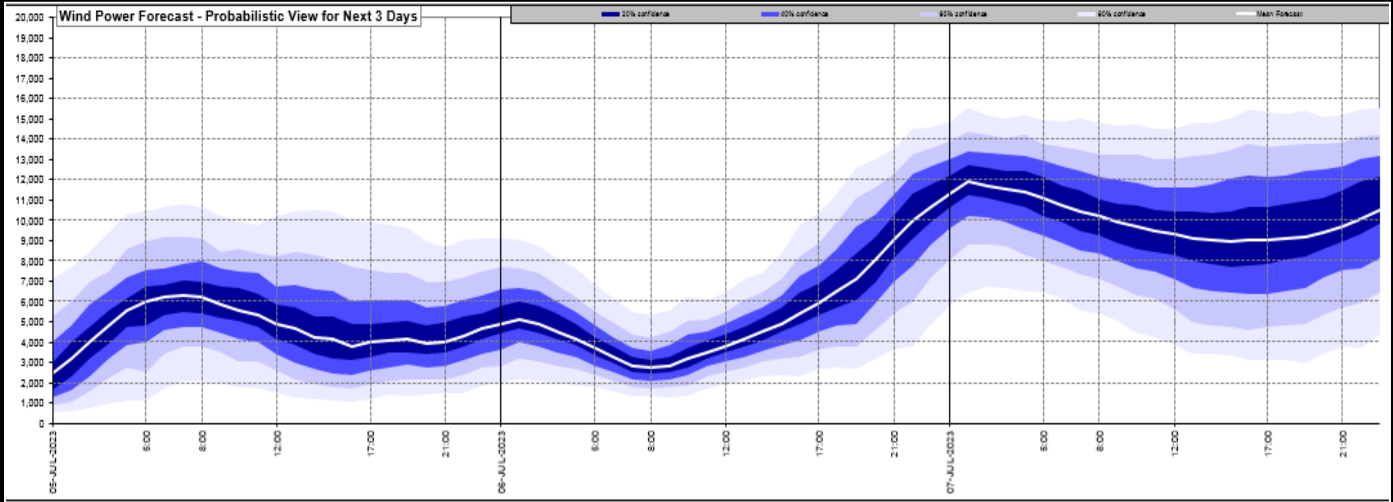
Today's Minimum De-Rated Margin	2,820 (SP 39)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£198.37 (SP 39)
Cash Out Price (Min)	£-5.00 (SP 4)
Peak Demand Yesterday	30,363 MW
Minimum Demand	17,147 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)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

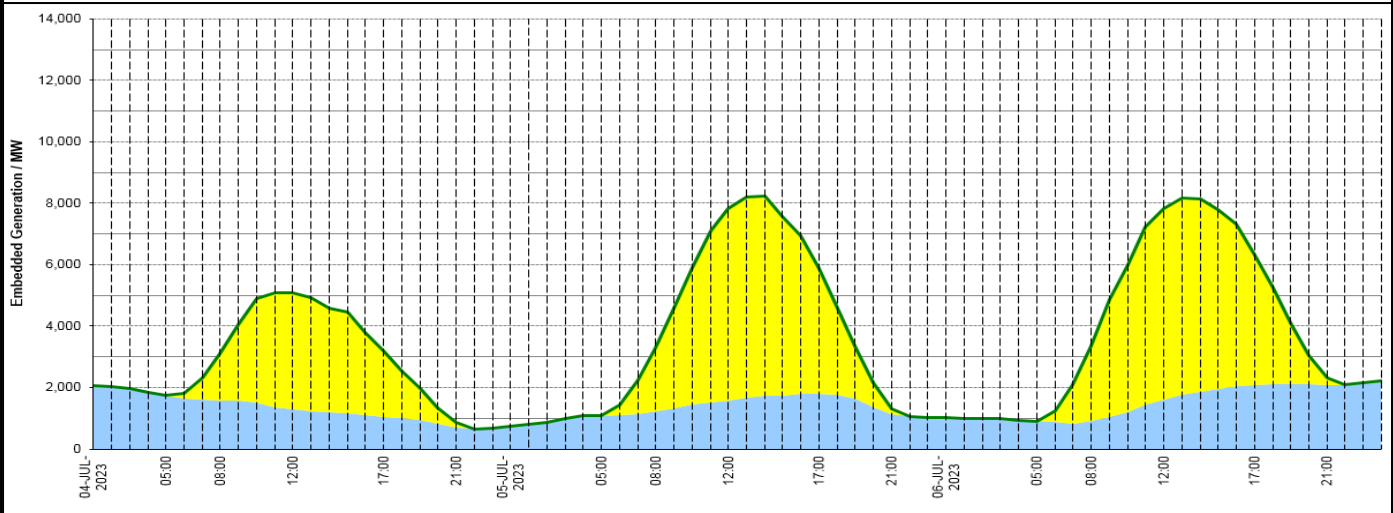
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-JUL-2023					05-JUL-2023					06-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	1534	3800	2151	164	0	15	2052	6229	4091	154	0	0	2443	6221	4231	233
Wind (MW)	1740	1567	1297	1051	702	728	1079	1243	1580	1796	1140	1012	913	919	1600	2073	2084
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1740	3101	5097	3202	866	728	1094	3295	7809	5887	1294	1012	913	3362	7821	6304	2317



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Any overnight rain will soon clear southeast England. Then it will be a bright day, with sunny spells and scattered showers. Feeling a little warmer than it did yesterday, especially for the areas that were under the cloud and rain.</p> <p>Tonight: Scattered showers tending to fade through the evening, but a few are still possible in the north and west overnight. Most places dry, with some clear spells.</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 Yellow weather warnings are in force for the UK. Area effected East of England</p> <hr/> <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 warnings and 0 flood alerts issued for Wales.</p>

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