

**National Electricity
Transmission System Status Report**



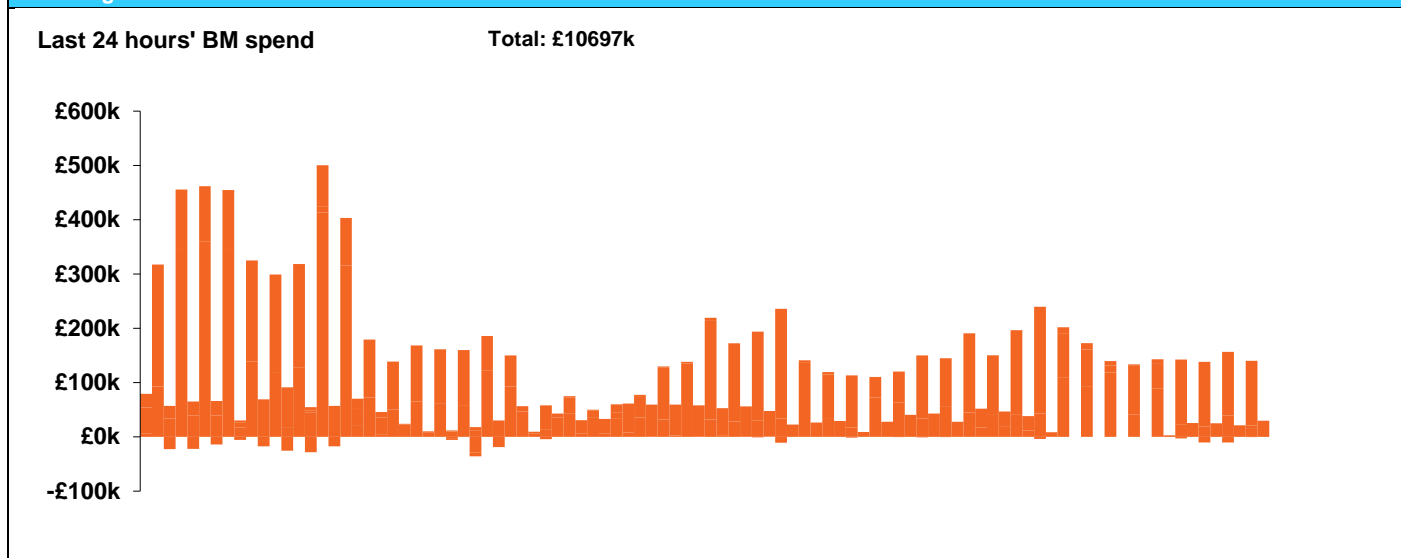
nationalgridESO

National Electricity Transmission System Status Report
Sunday 03 October 2021

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

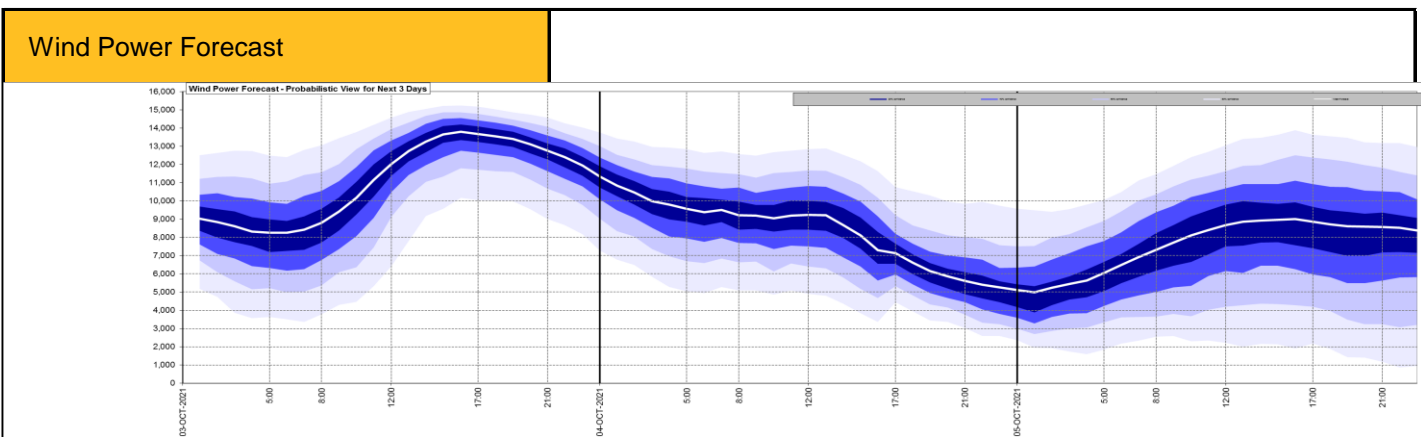
Today's Minimum De-Rated Margin	11772.57 (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£265.00/MWh (SP 39)
Cash Out Price (Min)	-£12.49/MWh (SP 7) £62.53 (SP 8)
Peak Demand Yesterday	32,849 MW

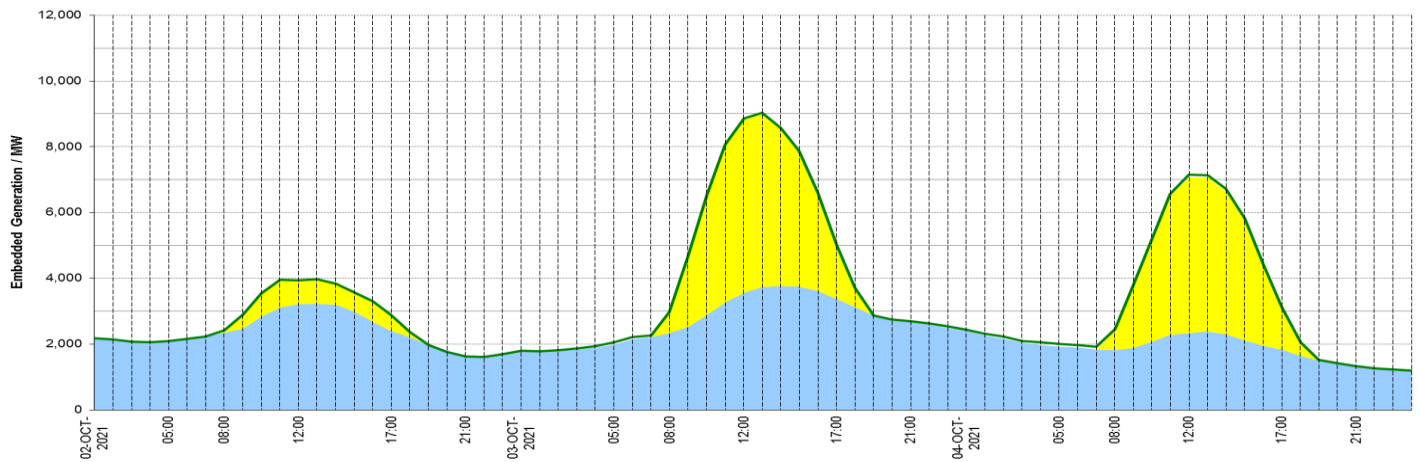
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available from 13:00 hours
France (IFA)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	700	700	Partially Available
ElecLink	0	0	Not Available



Key:

20% confidence
 40% confidence
 60% confidence
 80% confidence
 Mean Forecast

Expected embedded generation (MWs)																	
Embedded Generation Forecast																	
	02-OCT-2021					03-OCT-2021					04-OCT-2021						
	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	71	734	475	0	0	0	601	5254	1666	0	0	0	577	4736	1298	0
Wind (MW)	2084	2345	3208	2406	1626	1792	1985	2338	3563	3362	2680	2402	1926	1820	2335	1828	1330
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2084	2416	3942	2881	1626	1792	2054	2977	8865	5007	2696	2440	2002	2460	7154	3135	1340



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy rain and severe gales over the Northern Isles clearing later this morning. Sunny spells for most parts, and many eastern parts starting dry, but showers already in the west moving east, some heavy with hail and thunder.</p> <p>Tonight: Further showers in the south and west, and remaining windy in the north. Else, becoming dry with clear spells developing.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of wind Areas affected: Orkney & Shetland</p> <p>ACTIVE Started at: 00:00 BST on Sun 3 October Ends: 09:00 BST on Sun 3 October Very strong winds likely to bring disruption to travel across mainly coastal regions.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves <p>Flood Warnings: 1 Flood Warnings and 12 Flood Alerts issued for England. 0 Flood Warnings and 4 Flood Alerts issued for Scotland. 0 Flood Warnings and 0 Flood Alerts issued for Wales.</p>

Contains public sector information licensed under the Open Government Licence v1.0

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