

**National Electricity
Transmission System Status Report**

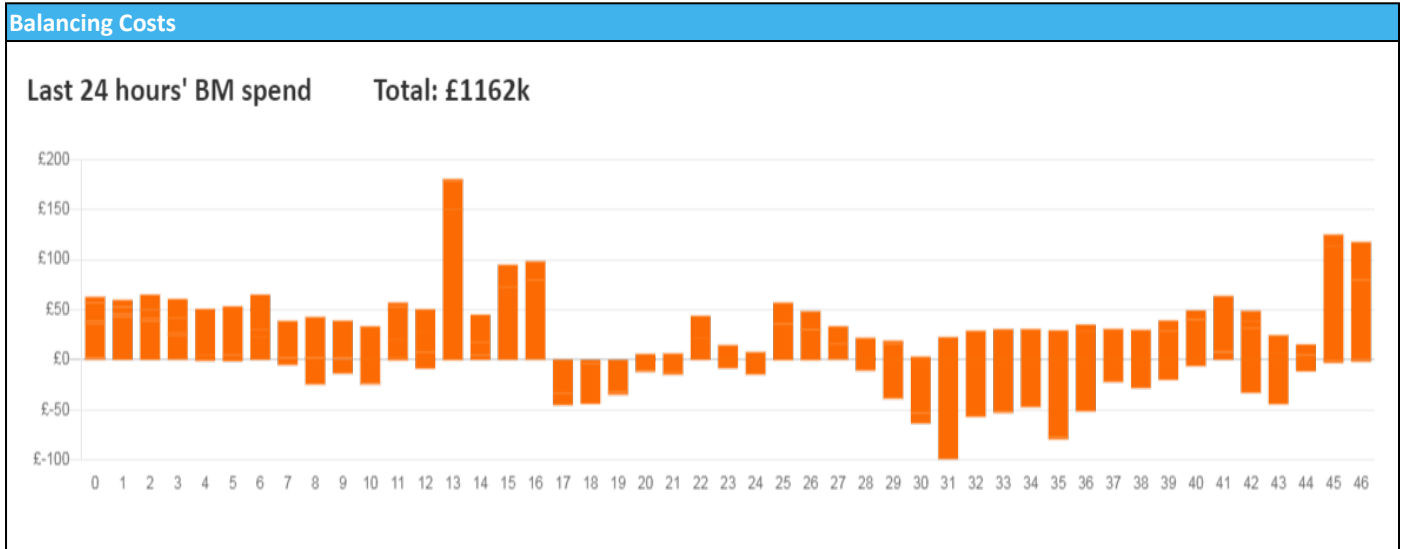


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 28 December 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			
System Warning			

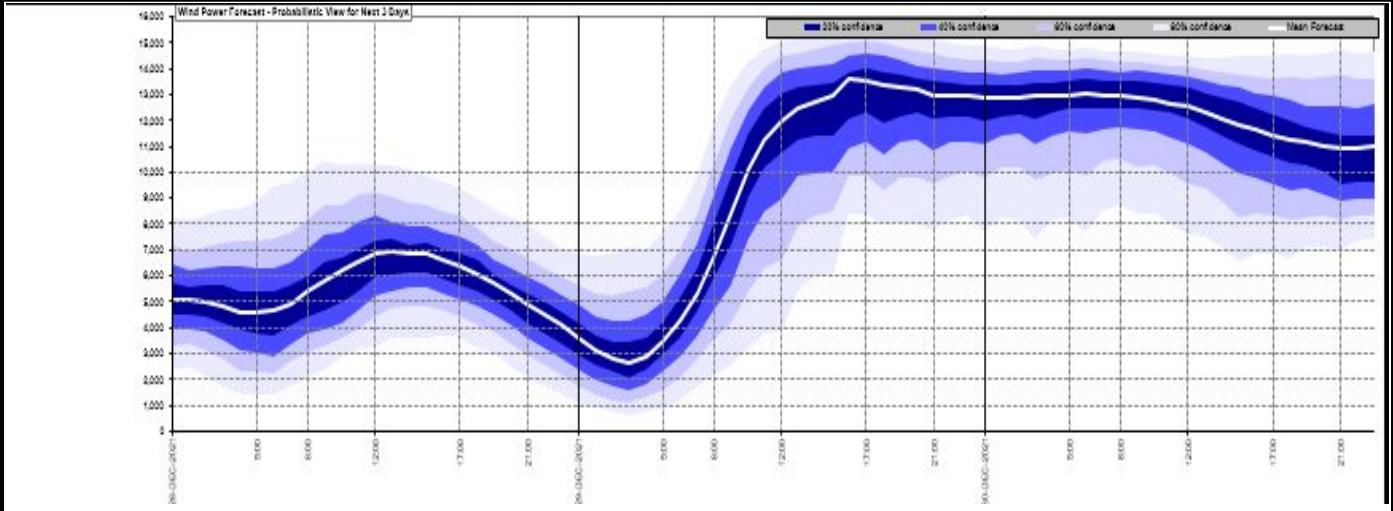
Today's Minimum De-Rated Margin	8646.43 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£261.00 (SP 47)
Cash Out Price (Min)	£10.00 (SP 20)
Peak Demand Yesterday	38,710 MW
Minimum Demand	20,740 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	698	793	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	1000	1000	Partially Available

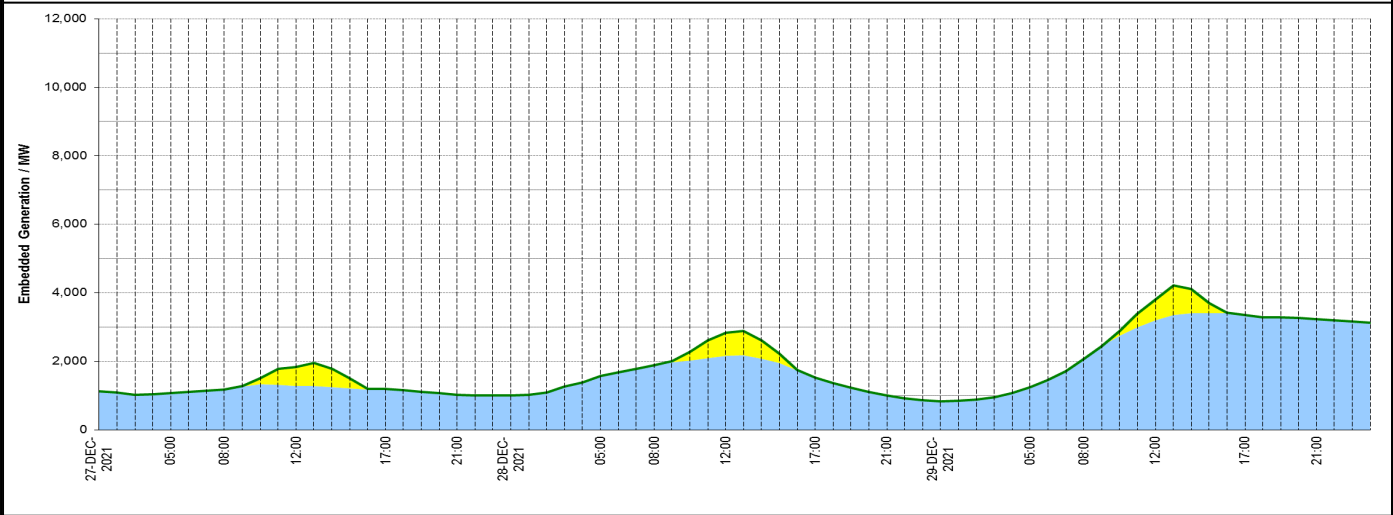
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

27-DEC-2021					28-DEC-2021					29-DEC-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
0	0	546	0	0	0	0	0	666	0	0	0	0	0	607	0	0
1073	1176	1279	1196	1020	1004	1568	1882	2166	1530	997	831	1239	2070	3189	3353	3235
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1073	1176	1825	1196	1020	1004	1568	1882	2832	1530	997	831	1239	2070	3796	3353	3235



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Many areas starting cloudy with rain or showers, some heavy. Becoming drier from the west with sunny spells, but strong winds in the south. Freezing fog patches slow to clear from northwest Scotland, else some sunshine after a frosty start. Tonight: Frost and patchy fog in the north. Further rain and strong winds moving northeast across much of England, Wales, Northern Ireland and later southwest Scotland. Becoming very mild in southwest.
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 are in force for the UK. Flood Warnings 52 Flood Warnings and alerts in England 0 Flood Warnings and alerts in Scotland 0 Flood Warnings and alerts in 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