

**National Electricity
Transmission System Status Report**

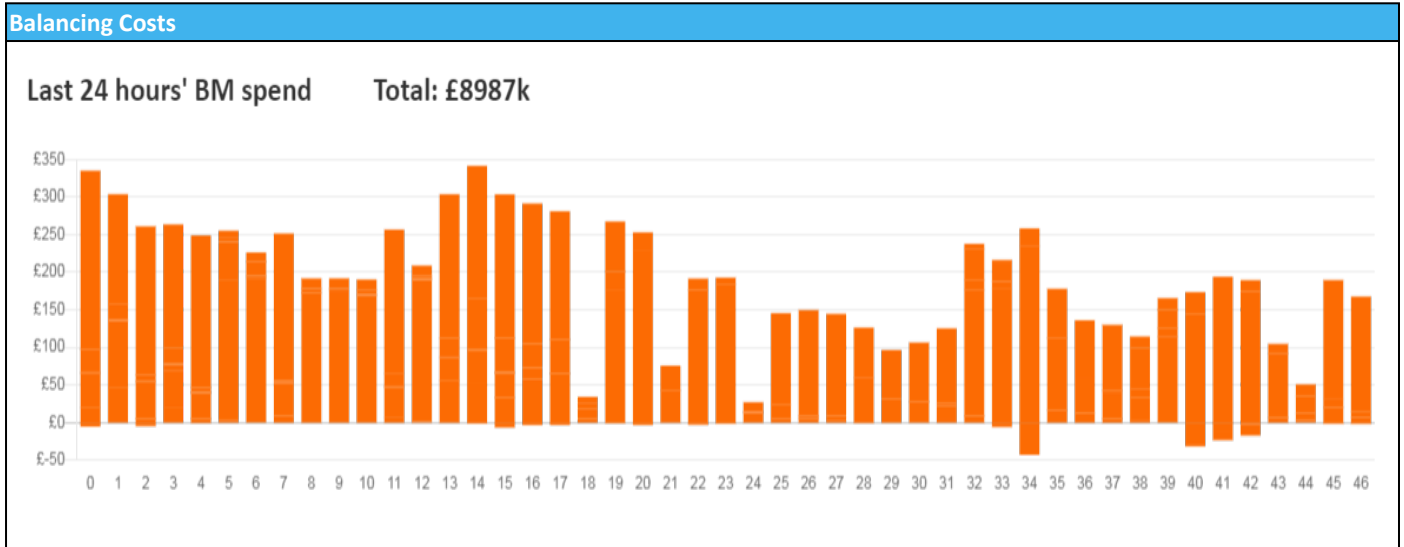


national**grid**ESO

National Electricity Transmission System Status Report
Friday 30 December 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	26,794 (SP 11)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



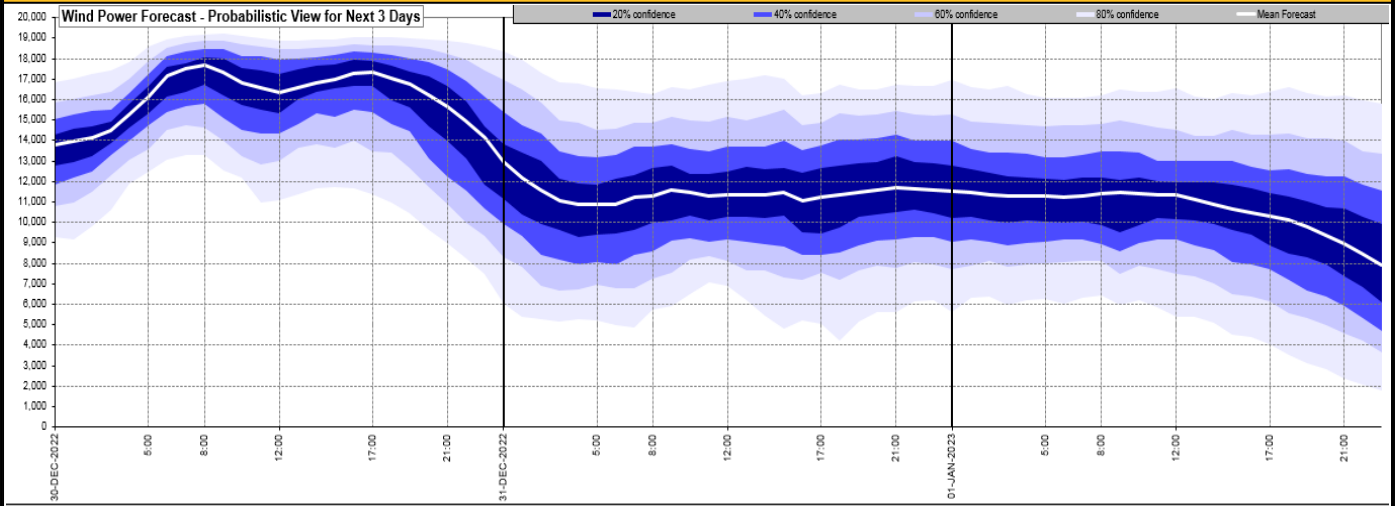
Yesterday's Market Summary

Cash Out Price (Max)	£284.00 (SP 20)
Cash Out Price (Min)	-£64.42 (SP 4)
Peak Demand Yesterday	34,034 MW
Minimum Demand	18,285MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	0MW until 08:00 then fully available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

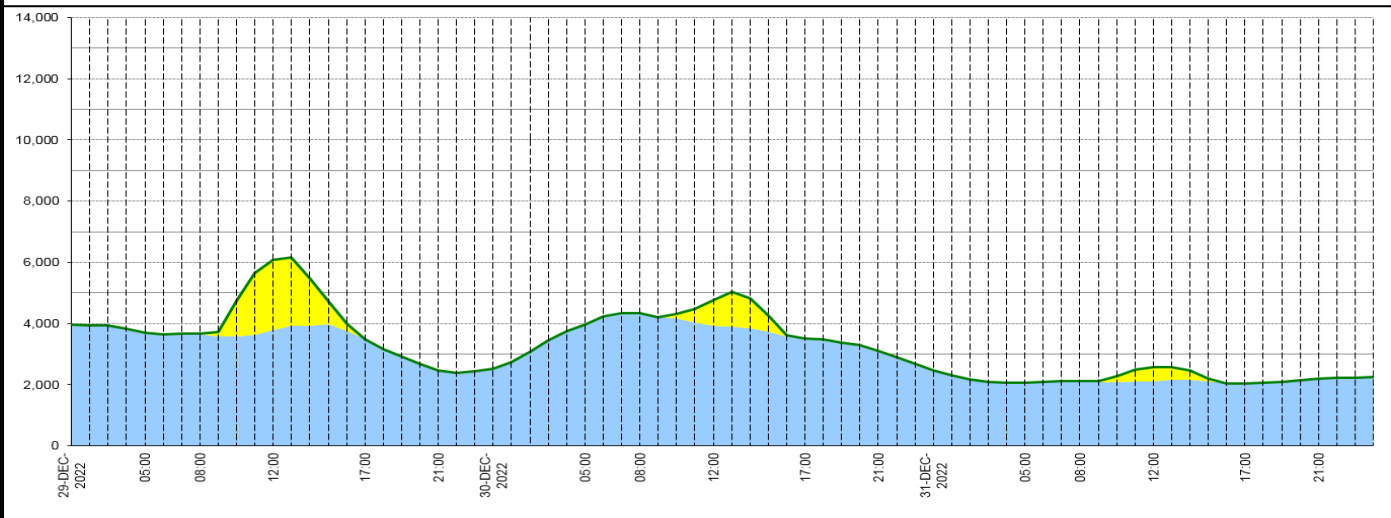
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-DEC-2022					30-DEC-2022					31-DEC-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	0	2274	0	0	0	0	823	0	0	0	0	0	0	451	0	0
Wind (MW)	3686	3660	3798	3490	2467	2536	3967	4336	3935	3521	3118	2467	2054	2109	2113	2050	2204
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3686	3660	6072	3490	2467	2520	3967	4336	4758	3521	3118	2467	2054	2109	2564	2050	2204



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain and strong winds clearing northwards and eastwards, although persisting across far north with risk of snow over northern Highlands. Sunshine and a few showers following from west. Mild, except far north.</p> <p>Tonight: Rain and snow gradually clearing from north Scotland. Further cloud and rain spreading north across southern and central Britain, heavy at times, and clearing in south 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 Yellow warning of rain Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 00:00 GMT on Fri 30 December Ends: 10:00 GMT on Fri 30 December Heavy rain bring bringing some flooding and travel disruption in places.</p> <ul style="list-style-type: none"> - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer <p>Yellow warning of rain</p>

Weather	Source	Commentary
		<p>Areas affected: Central, Tayside & Fife SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE</p> <p>Started at: 00:00 GMT on Fri 30 December Ends: 14:00 GMT on Fri 30 December</p> <p>Heavy rain bringing flooding and travel disruption.</p> <ul style="list-style-type: none"> - Spray and flooding could lead to difficult driving conditions and some road closures - Delays or cancellations to train and bus services are possible - Homes and businesses could be flooded, causing damage to some buildings - Some communities may be cut off by flooded roads
		<p>Yellow warning of snow and ice</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Strathclyde</p> <p>ACTIVE</p> <p>Started at: 00:00 GMT on Fri 30 December Ends: 21:00 GMT on Fri 30 December</p> <p>A spell of snow is expected on Friday.</p> <ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Icy patches on some untreated roads, pavements and cycle paths
		<p>Amber warning of rain</p> <p>Areas affected: SW Scotland, Lothian Borders</p> <p>ACTIVE</p> <p>Started at: 03:00 GMT on Fri 30 December Ends: 12:00 GMT on Fri 30 December</p> <p>Heavy rain bringing flooding on Friday morning</p> <ul style="list-style-type: none"> - Spray and flooding probably leading to difficult driving conditions and some road closures - Delays and some cancellations to train and bus services are likely - Homes and businesses are likely to be flooded, causing damage to some buildings - A good chance some communities will be cut off by flooded roads - Fast flowing or deep floodwater is likely, causing danger to life
		<p>Flood Warnings</p> <p>1 flood warnings and 42 flood alerts issued for England.</p> <p>21 flood warnings and 10 flood alerts issued for Scotland.</p> <p>0 flood warnings and 8 flood alerts issued for Wales.</p>

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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