

# National Electricity Transmission System Status Report

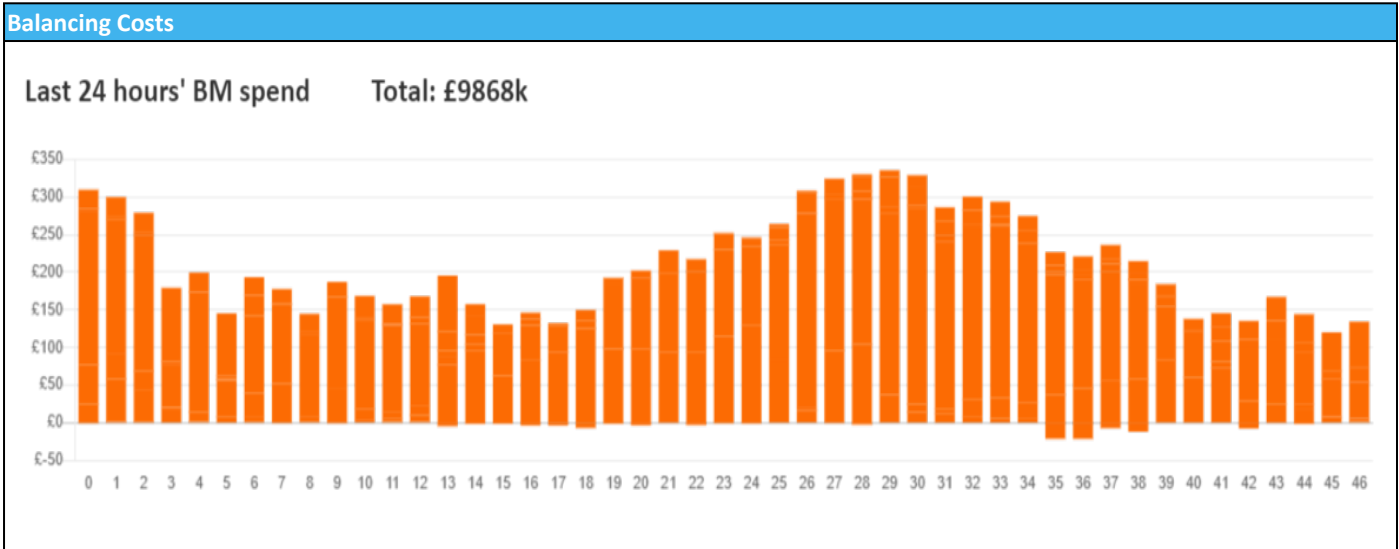


nationalgridESO

**National Electricity Transmission System Status Report**  
Friday 22 December 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			
<a href="#">System Warning</a>			

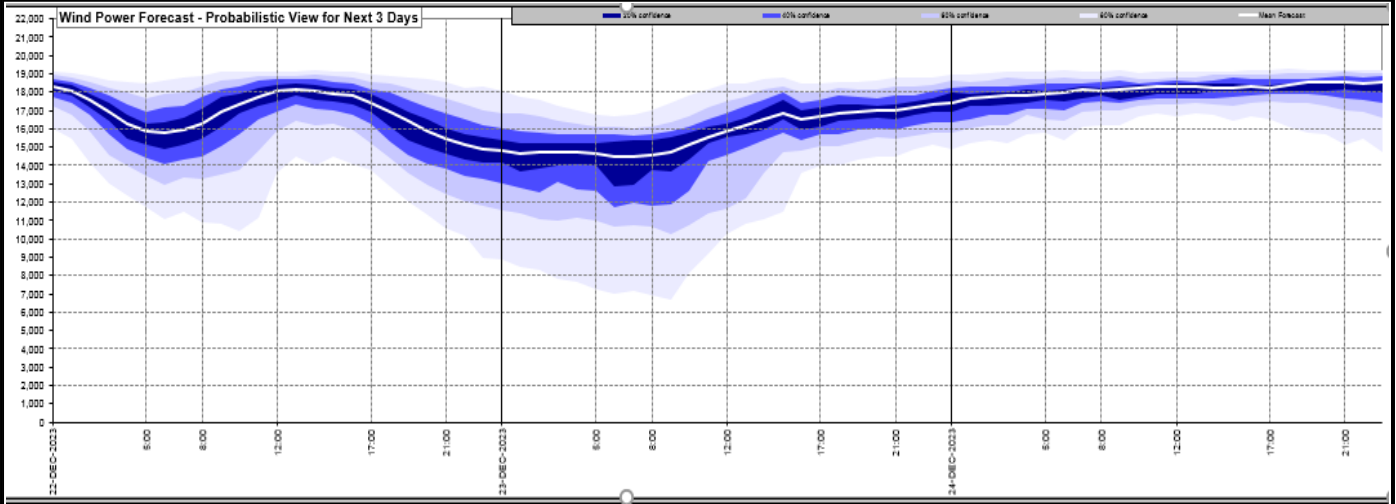
<a href="#">Today's Minimum De-Rated Margin</a>	16,959 (SP 28)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£96.5 (SP 9, 11)
<a href="#">Cash Out Price (Min)</a>	£-31.32 (SP 6, 15, 20)
<a href="#">Peak Demand Yesterday</a>	38,418 MW
Minimum Demand	18,280 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	0	0	Not yet commissioned

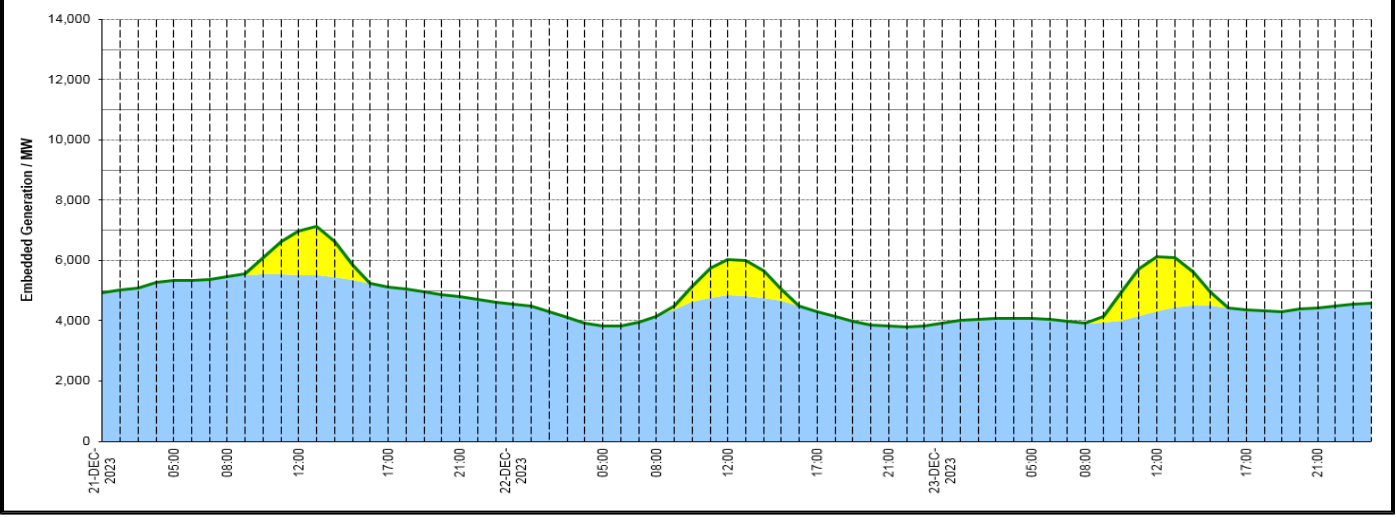
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 22-Dec-2023 02:35:46	
	21-DEC-2023					22-DEC-2023					23-DEC-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	0	1457	0	0	0	0	0	1174	0	0	0	0	0	1803	0	0
Wind (MW)	5348	5462	5524	5132	4814	4566	3816	4143	4846	4302	3819	3925	4079	3921	4326	4376	4434
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	5348	5462	6981	5132	4814	4566	3816	4143	6020	4302	3819	3925	4079	3921	6129	4376	4434



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Mostly mild, albeit windy. Rain affecting Northern Ireland, northern and eastern England and western Scotland. Drier and brighter to the southwest of this. Colder with some snow showers across northern and eastern Scotland. <b>Tonight:</b> Rain continuing across Scotland and parts of northern England, falling as snow for a time across northeast Scotland where it will be cold. Drier elsewhere though fairly cloudy and mild.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office</a> <a href="#">Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>UK Weather Warnings</b> Yellow warning Snow & ice Snow showers and icy stretches bring the potential for travel disruption. <b>Flood Warnings</b> 6 flood warnings and 71 flood alerts issued for England. 1 flood warnings and 0 flood alerts issued for Scotland.

Weather	Source	Commentary
		0 flood warnings and 1 flood alert issued for Wales

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

Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a>