

National Electricity Transmission System Status Report

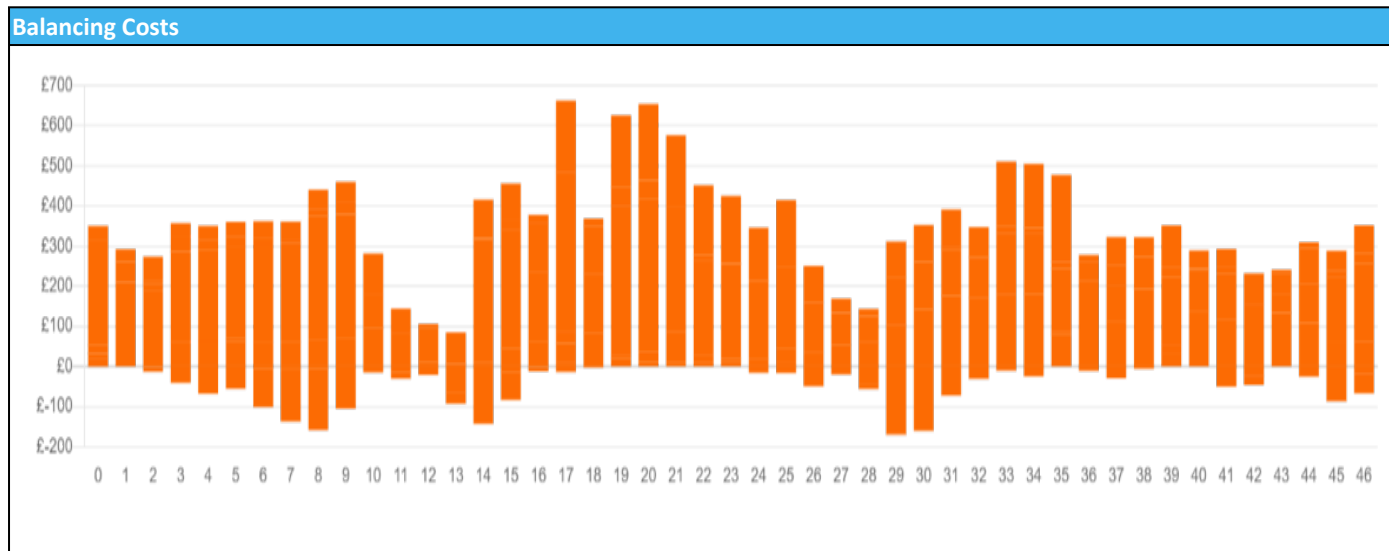


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 15 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	1153 (SP 36)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	1000 MW



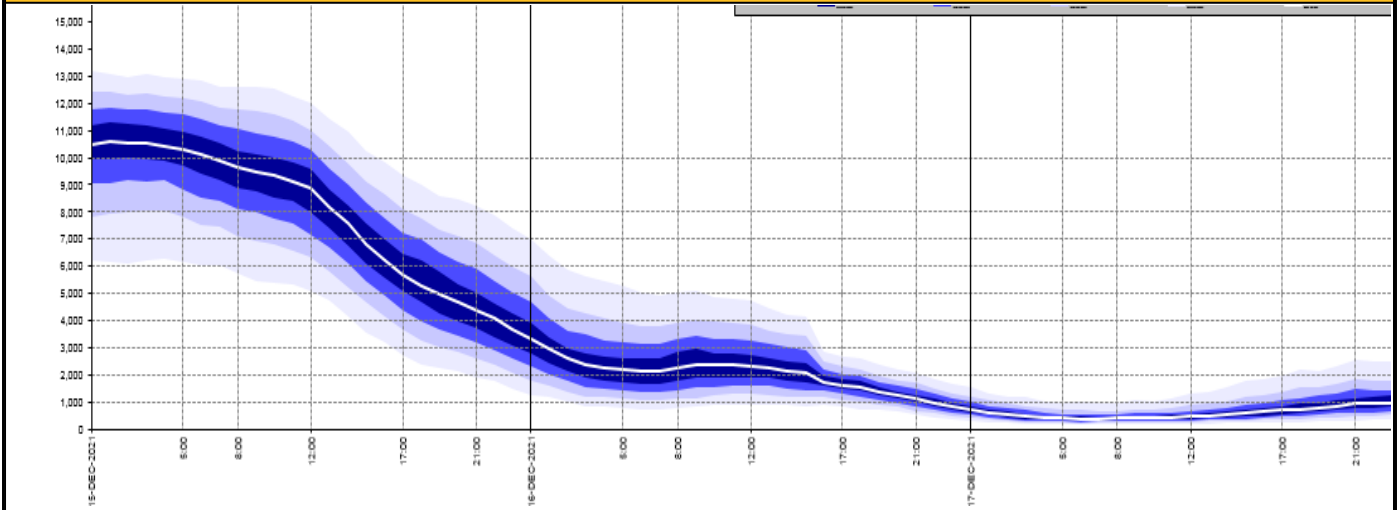
Yesterday's Market Summary

Cash Out Price (Max)	£348.14 (SP 37)
Cash Out Price (Min)	-£49 (SP 4)
Peak Demand Yesterday	44,115 MW
Minimum Demand	21,590 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Partially 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

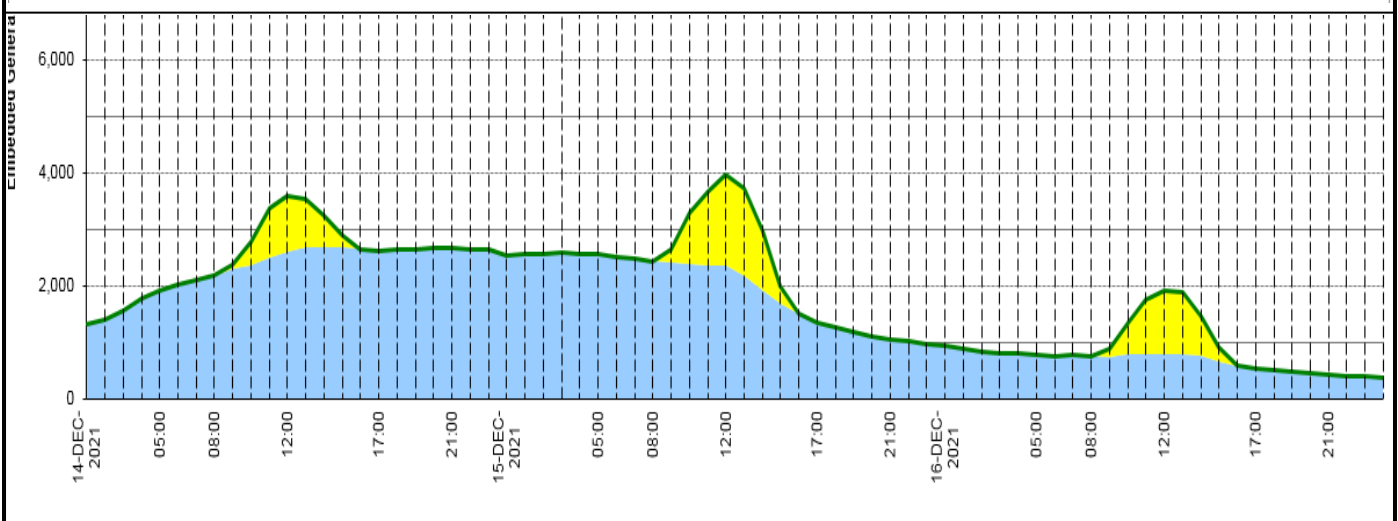
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	14-DEC-2021					15-DEC-2021					16-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
Solar (MW)	0	0	979	0	0	0	0	0	1621	0	0	0	0	0	1116	0	0
Wind (MW)	1912	2181	2599	2603	2678	2534	2550	2433	2345	1346	1053	948	771	763	781	539	436
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1912	2181	3578	2603	2678	2534	2550	2433	3966	1346	1053	948	771	763	1905	539	436



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Some sunshine in northern Scotland, north Wales, and parts of northern and eastern England. Many other areas cloudy; some rain across west and south Scotland, Northern Ireland and Cumbria, and patchy drizzle in the south. Mild. Windy in the north. Tonight: Rain pushing northeastwards across western and northern parts of Scotland. Still a little drizzle possible in the south. Some cloud breaks in between, which may lead to some fog patches.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings none Flood Warnings 3 Flood Warning and flood alerts in England 0 Flood Warning and flood alerts in Scotland 0 Flood Warning and flood 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