

National Electricity Transmission System Status Report

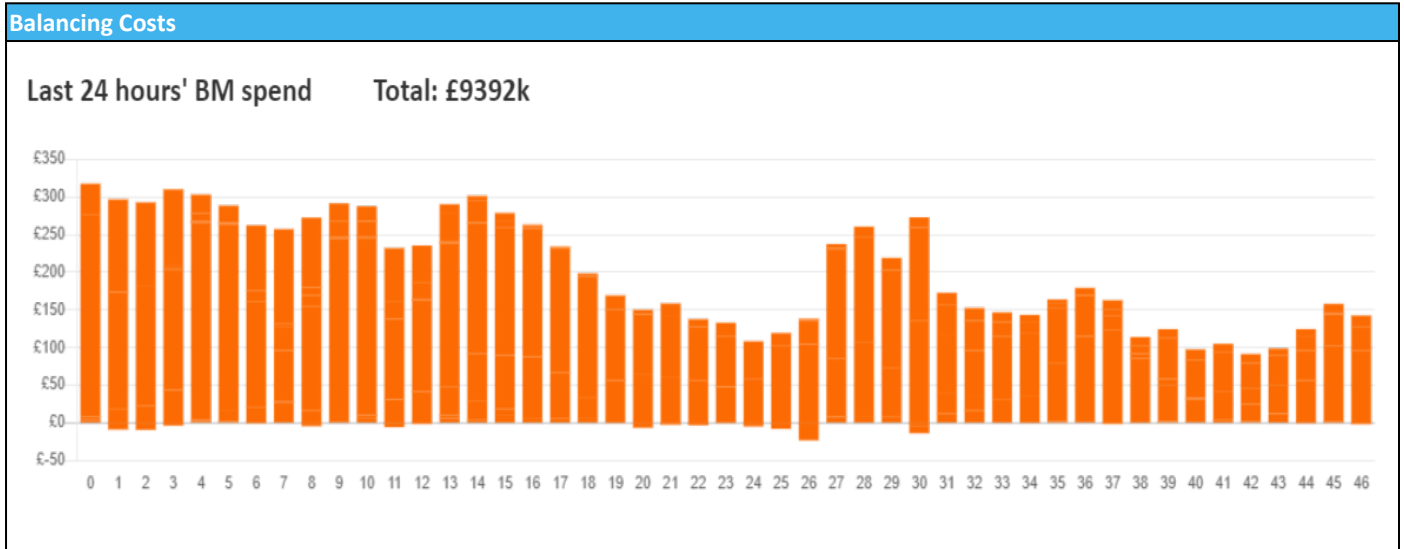


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 27 September 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			
System Warning			

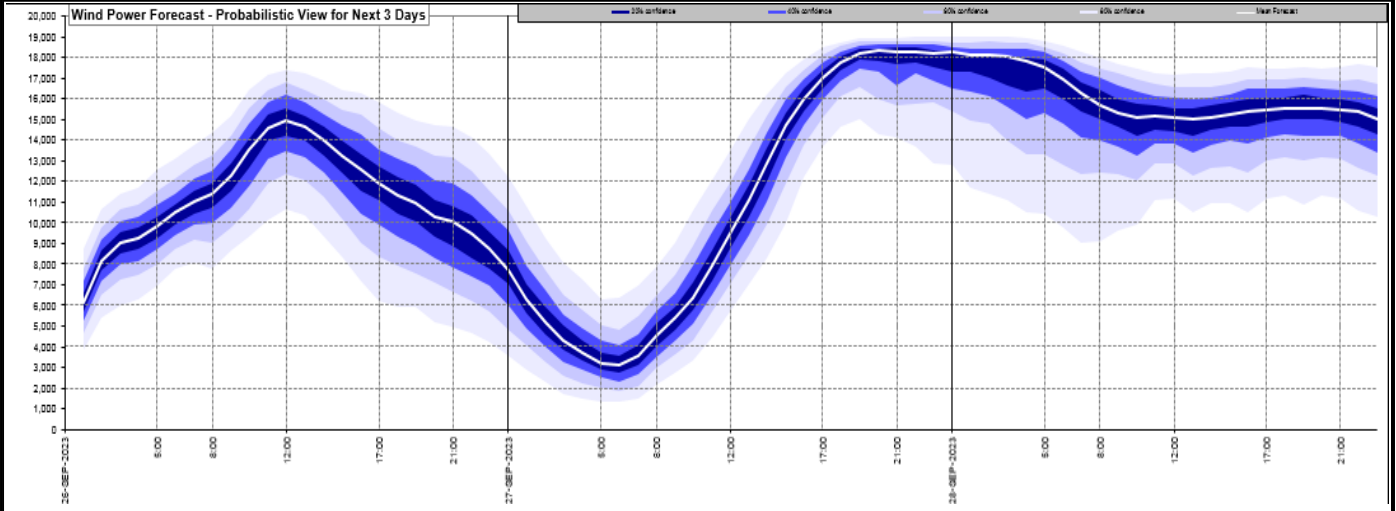
Today's Minimum De-Rated Margin	10032 (SP 16)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW



Yesterday's Market Summary	
Cash Out Price (Max)	£160 (SP 3)
Cash Out Price (Min)	-£56.88 (SP 27/28)
Peak Demand Yesterday	35, 494 MW
Minimum Demand	18, 900 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

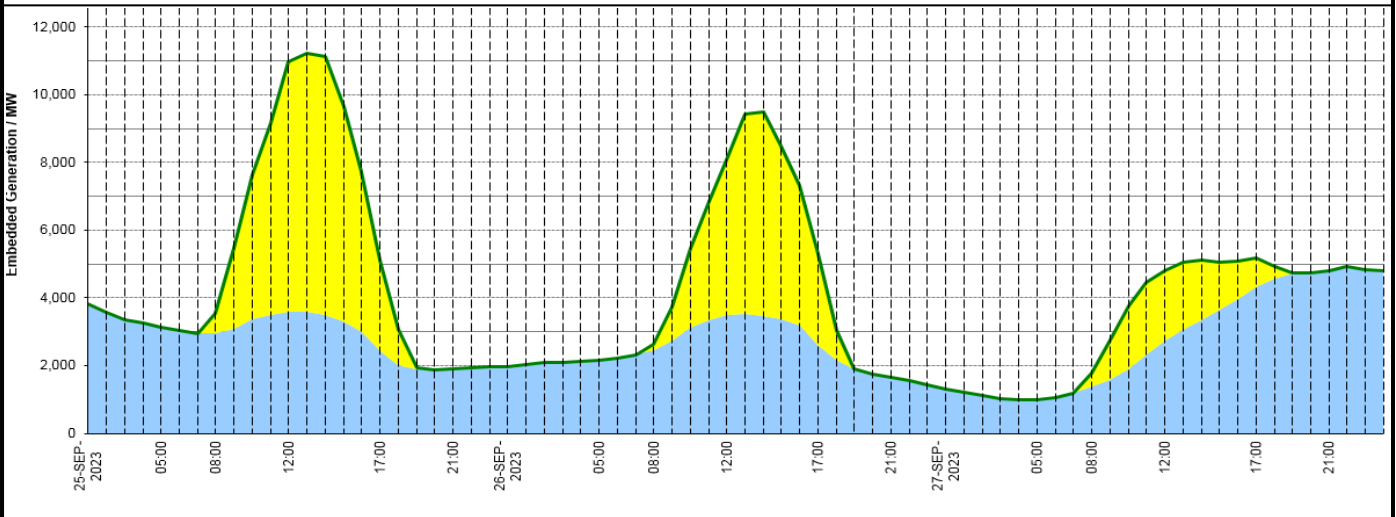
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	25-SEP-2023					26-SEP-2023					27-SEP-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	574	7385	2704	0	0	0	163	4600	2689	0	0	0	390	2082	882	0
Wind (MW)	3144	2965	3600	2425	1897	1978	2152	2459	3490	2630	1646	1314	996	1377	2725	4305	4804
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3144	3539	10985	5129	1897	1978	2152	2622	8090	5319	1646	1314	996	1767	4807	5187	4804



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Wednesday could see some disruption due to heavy rain and very strong winds, with the arrival of storm Agnes. Drier, with lighter winds in the southeast. Temperatures above normal.</p> <p>Tonight: Largely dry with clear spells and light winds across the south, with some mist and fog patches forming here and there. Showers continuing in the north but becoming mostly dry after midnight. Winds strengthening across the far west by dawn.</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 wind Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar London & South East England North East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>Starts: 12:00 BST on Wed 27 September Ends: 07:00 BST on Thu 28 September</p> <p>Storm Agnes to bring a spell of strong and disruptive winds through Wednesday afternoon into early Thursday</p> <p>- Injuries and danger to life from flying debris are possible - Some damage to buildings, such as tiles blown from roofs, could happen</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Some power cuts are likely to occur, with the potential to affect other services, such as mobile phone coverage - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible. Some roads and bridges are likely to close - There is a small chance of injuries and danger to life that could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties, with a chance of some minor flooding of coastal roads <p>Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 15:00 BST on Wed 27 September Ends: 23:59 BST on Wed 27 September A period of heavy rain during Wednesday afternoon and evening may cause some flooding in a few places</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely. - Some bus and train services probably affected, with journey times by road also taking longer with a chance of the odd road closure. <p>Flood Warnings 0 flood warnings and 4 flood alerts issued for England. 0 flood warnings and 8 flood alerts issued for Scotland. 0 flood warnings and 0 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