

NESO
National Electricity
Transmission
System
Status report

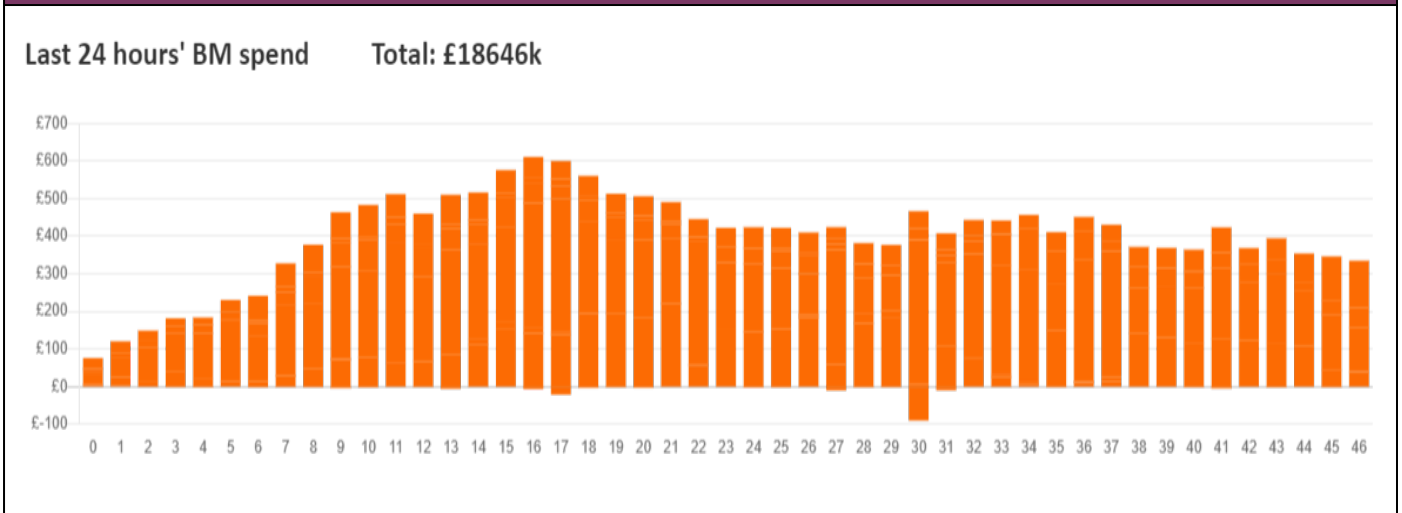


NESO National Electricity Transmission System Status Report
Monday 21 October 2024

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	9,092 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

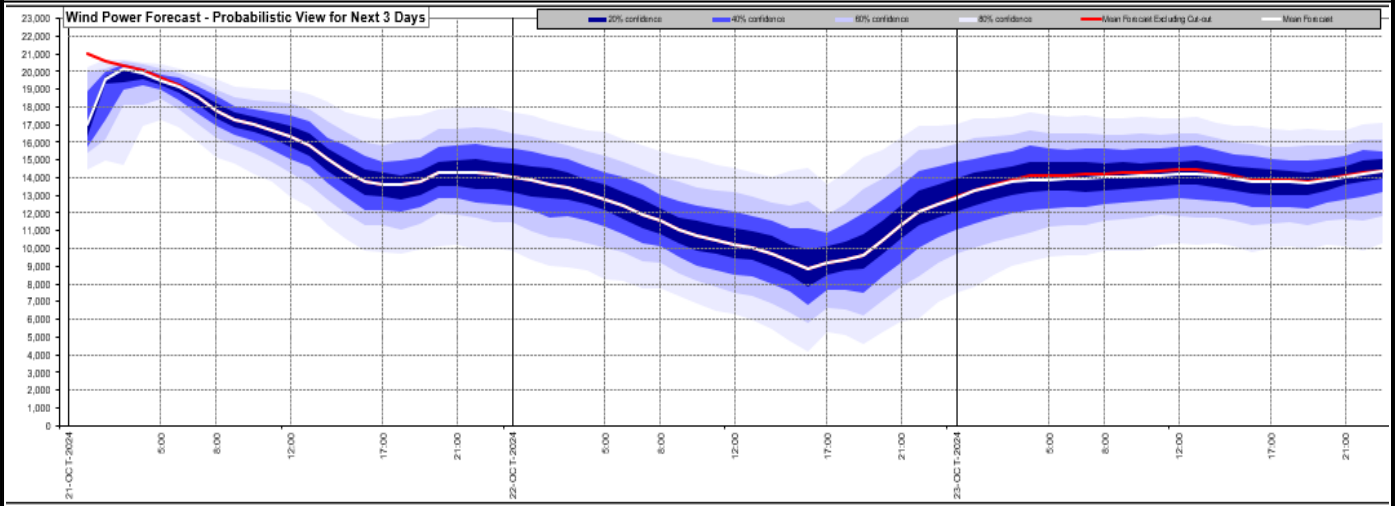
Cash Out Price (Max)	£103.79 /MWh (SP 4)
Cash Out Price (Min)	-£27.9/MWh (SP 30)
Peak Demand Yesterday	30,205 MW
Minimum Demand	16,141 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially Available - planned outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Unplanned Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	0	0	Unplanned Outage
France (IFA2)	0	0	Unplanned Outage
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

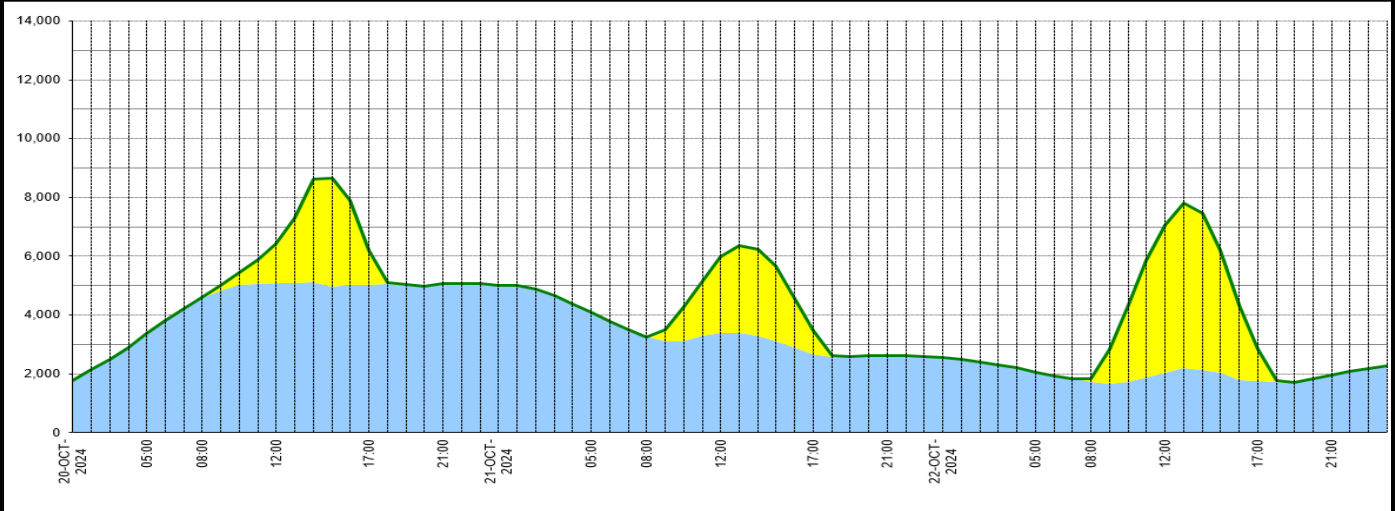
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-OCT-2024					21-OCT-2024					22-OCT-2024						
	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	1342	1179	0	0	0	2596	805	0	0	0	86	4999	1061	0	
Wind (MW)	3370	4588	5083	5039	5068	5020	4092	3263	3383	2670	2622	2553	2057	1737	2051	1767	1966
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3370	4588	6425	6218	5068	5020	4092	3263	5979	3475	2622	2553	2057	1823	7050	2828	1966



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Storm Ashley will pull away to the northeast this morning, but it will remain blustery across the north, with heavy showers. Drier further south, with sunny spells. However, it will remain cloudy across southeast England with outbreaks of rain.</p> <p>Tonight: Rain clearing the southeast this evening. Clear spells elsewhere, with further showers in the north and west through the night. Patchy fog forming across central and southeastern parts of England.</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 Grampian Highlands & Eilean Siar North East England North West England Orkney & Shetland SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 00:00 BST on Mon 21 October Ends: 09:00 BST on Mon 21 October Strong winds from Storm Ashley may bring further impacts across the north and east of Scotland and northeast England before it moves away.</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties - There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance that some roads and bridges could close - There is a small chance of injuries and danger to life from flying debris <p>Flood Warnings</p> <p>45 flood warnings and 96 flood alerts issued for England.</p> <p>47 flood warning and 10 flood alerts issued for Scotland.</p> <p>8 flood warnings and 13 flood alerts issued for Wales.</p>

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs