



# NESO National Electricity Transmission System Status report

**NESO National Electricity Transmission System Status Report**  
**Sunday 14 December 2025**

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>	24,464 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW

**Balancing Costs**

**Yesterday's Market Summary**

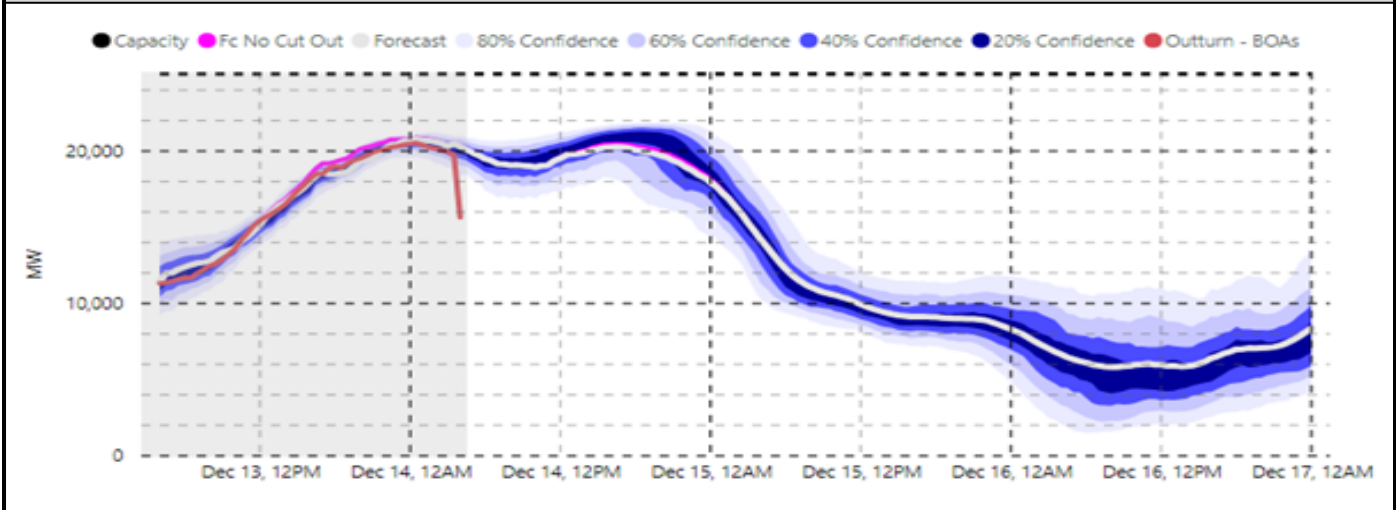
<a href="#">Cash Out Price (Max)</a>	£94.85 /MWh (SP 18)
<a href="#">Cash Out Price (Min)</a>	£0.00 /MWh (SP 47)
<a href="#">Peak Demand Yesterday</a>	34,501 MW
<a href="#">Minimum Demand</a>	21,448 MW

**Interconnector**

**Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially Available

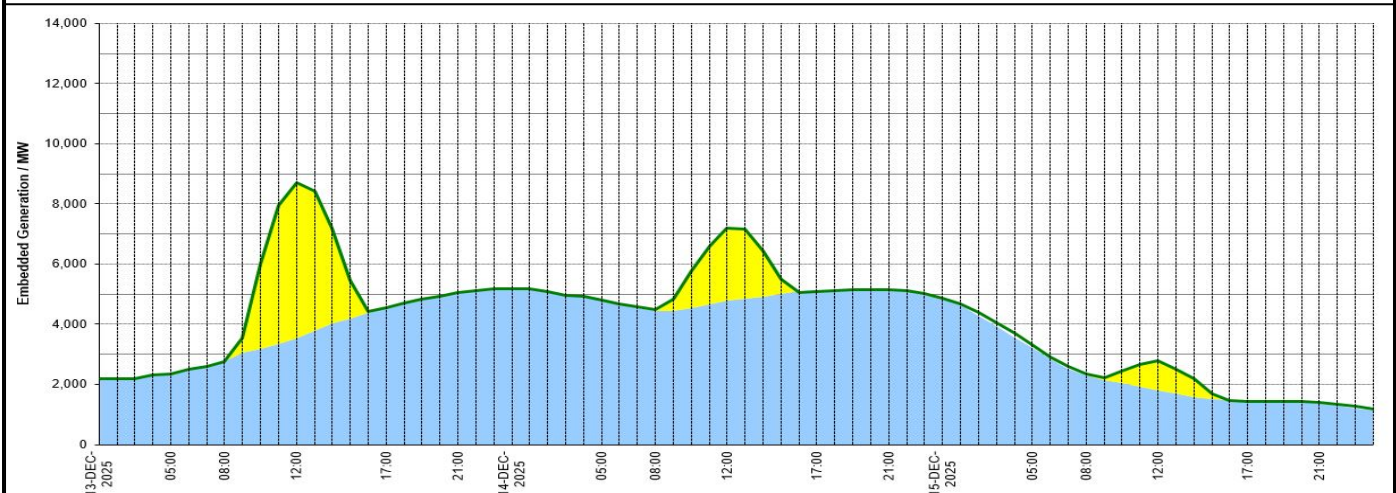
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	13-DEC-2025					14-DEC-2025					15-DEC-2025				
	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
Solar (MW)	0	0	5191	0	0	0	0	0	2410	0	0	0	0	0	1015
Wind (MW)	2351	2762	3529	4549	5051	5191	4808	4429	4775	5120	5166	4853	3204	2307	1797
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2351	2762	8720	4549	5051	5191	4803	4495	7190	5095	5142	4878	3310	2347	2775



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Northern Ireland, western Scotland, northwest England and the north and west of Wales will have outbreaks of rain, some very heavy, giving local flooding. Elsewhere it will be mostly dry with bright spells. A generally mild, though windy day. <b>Tonight:</b> Heavy rain edges southeastwards, sitting across the north and west of England and Wales overnight. Becoming clearer and less windy with patchy frost in the northwest. Southeast England mostly dry.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office</a> <a href="#">Weather Warning</a> <a href="#">England Flood Warning</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>UK Weather Warnings</b> Yellow warning of rain Yellow - Possible  Areas affected: Central, Tayside & Fife, Highlands & Eilean Siar, SW Scotland, Lothian Borders, Strathclyde Central, Tayside & Fife   Highlands & Eilean Siar   SW Scotland, Lothian Borders   Strathclyde Active Warning ACTIVE Started: 12:00 GMT Saturday 13 December 12:00 (GMT) Sat 13 Dec Ends: 23:59 GMT Sunday 14 December 23:59 (GMT) Sun 14 Dec Periods of heavy rain may lead to travel disruption and some flooding

Weather	Source	Commentary
		<ul style="list-style-type: none"> <li>- Bus and train services probably affected with journey times taking longer</li> <li>- Spray and flooding on roads probably making journey times longer</li> <li>- Some interruption to power supplies and other services likely</li> <li>- Flooding of a few homes and businesses is likely</li> </ul> <p>Issued:10:42 GMT Friday 12 December10:42 (GMT) Fri 12 Dec Yellow warning of rain Yellow - Possible</p> <p>Areas affected:East Midlands, North East England, North West England, Yorkshire &amp; HumberEast Midlands   North East England   North West England   Yorkshire &amp; Humber Active WarningACTIVE Started:18:00 GMT Saturday 13 December18:00 (GMT) Sat 13 Dec Ends:18:00 GMT Monday 15 December18:00 (GMT) Mon 15 Dec Periods of heavy rain may lead to travel disruption and some flooding</p> <ul style="list-style-type: none"> <li>- Homes and businesses could be flooded, causing damage to some buildings</li> <li>- Fast flowing or deep floodwater is possible, causing a danger to life</li> <li>- Delays or cancellations to train and bus services are possible</li> <li>- Spray and flooding could lead to difficult driving conditions and some road closures</li> <li>- Some communities may be cut off by flooded roads</li> <li>- Possible power cuts and loss of other services to some homes and businesses</li> </ul> <p>Issued:10:51 GMT Thursday 11 December10:51 (GMT) Thu 11 Dec Yellow warning of rain Yellow - Possible</p> <p>Areas affected:SW Scotland, Lothian Borders, StrathclydeSW Scotland, Lothian Borders   Strathclyde Active WarningACTIVE Started:18:00 GMT Saturday 13 December18:00 (GMT) Sat 13 Dec Ends:09:00 GMT Monday 15 December09:00 (GMT) Mon 15 Dec Heavy and persistent rain may lead to flooding and travel disruption</p> <ul style="list-style-type: none"> <li>- There is a small chance that homes and businesses could be flooded, causing damage to some buildings</li> <li>- There is a small chance of fast flowing or deep floodwater causing danger to life</li> <li>- Where flooding occurs, there is a chance of delays or cancellations to train and bus services</li> <li>- Spray and flooding will lead to difficult driving conditions and some road closures</li> <li>- There is a small chance that some communities will become cut off by flooded roads</li> <li>- There is a slight chance of power cuts and loss of other services to some homes and businesses</li> </ul> <p>Issued:10:51 GMT Thursday 11 December10:51 (GMT) Thu 11 Dec Amber warning of rain Amber - Likely</p> <p>Areas affected:SW Scotland, Lothian Borders, StrathclydeSW Scotland, Lothian Borders   Strathclyde Active WarningACTIVE Started:00:00 GMT Sunday 14 December00:00 (GMT) Sun 14 Dec Ends:23:59 GMT Sunday 14 December23:59 (GMT) Sun 14 Dec Very heavy and persistent rain bringing some flooding and disruption to transport and infrastructure.</p> <ul style="list-style-type: none"> <li>- Homes and businesses are likely to be flooded, causing damage to some buildings</li> <li>- Fast flowing or deep floodwater is likely, causing danger to life</li> <li>- Delays and some cancellations to train and bus services are likely</li> <li>- Spray and flooding probably leading to difficult driving conditions and some road closures</li> <li>- A good chance some communities will be cut off by flooded roads</li> </ul>

Weather	Source	Commentary
		<p>- Power cuts and loss of other services to some homes and businesses likely</p> <p>Issued:10:34 GMT Saturday 13 December10:34 (GMT) Sat 13 Dec Yellow warning of rain Yellow - Possible</p> <p>Areas affected:Northern IrelandNorthern Ireland Active WarningACTIVE Started:00:00 GMT Sunday 14 December00:00 (GMT) Sun 14 Dec Ends:06:00 GMT Monday 15 December06:00 (GMT) Mon 15 Dec Periods of heavy rain may lead to travel disruption and some flooding</p> <p>- Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer - Some interruption to power supplies and other services likely</p> <p>Issued:10:47 GMT Friday 12 December10:47 (GMT) Fri 12 Dec Amber warning of rain Amber - Likely</p> <p>Areas affected:North West EnglandNorth West England Starts:06:00 GMT Sunday 14 December06:00 (GMT) Sun 14 Dec Ends:18:00 GMT Monday 15 December18:00 (GMT) Mon 15 Dec Very heavy and persistent rainfall is expected to lead to some flooding and transport disruption</p> <p>- Fast flowing or deep floodwater is likely, causing danger to life - Homes and businesses are likely to be flooded, causing damage to some buildings - Delays and cancellations to train and bus services are likely - Spray and flooding will likely lead to difficult driving conditions and some road closures - A good chance some communities will be cut off by flooded roads - Power cuts and loss of other services to some homes and businesses likely</p> <p>Issued:14:57 GMT Friday 12 December14:57 (GMT) Fri 12 Dec Yellow warning of rain Yellow - Possible</p> <p>Areas affected:WalesWales Starts:18:00 GMT Sunday 14 December18:00 (GMT) Sun 14 Dec Ends:15:00 GMT Monday 15 December15:00 (GMT) Mon 15 Dec Periods of heavy rain may lead to travel disruption and some flooding</p> <p>- Spray and flooding on roads probably making journey times longer, with bus and train services probably affected - There is a small chance that some communities will become cut off by flooded roads - Some interruption to power supplies and other services likely - Flooding of a few homes and businesses is possible with a small chance of more significant flooding causing damage to some buildings</p> <p>Issued:10:50 GMT Thursday 11 December10:50 (GMT) Thu 11 Dec Yellow warning of rain Yellow - Possible</p> <p>Areas affected:WalesWales Starts:00:00 GMT Monday 15 December00:00 (GMT) Mon 15 Dec Ends:23:59 GMT Monday 15 December23:59 (GMT) Mon 15 Dec Heavy rain on Monday may lead to travel disruption and some flooding</p> <p>- Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> <li>- There is a small chance that homes and businesses could be flooded, causing damage to some buildings</li> <li>- There is a small chance that some communities will become temporarily cut off by flooded roads</li> <li>- There is a slight chance of power cuts and loss of other services to some homes and businesses</li> </ul> <p>Issued:10:18 GMT Saturday 13 December10:18 (GMT) Sat 13 Dec</p> <p><b>Flood Warnings</b>  1 flood warnings and 49 flood alerts issued for England.  4 flood warning and 10 flood alerts issued for Scotland  0 flood warning and 3 flood alerts issued for Wales</p>

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Further Information	
BM Reports	<a href="https://www.elexon.co.uk/data/kinnect-insights-solution/">https://www.elexon.co.uk/data/kinnect-insights-solution/</a>
System Balancing Reports	<a href="https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports">https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a>