

**National Electricity
Transmission System Status Report**



nationalgridESO

National Electricity Transmission System Status Report
Thursday 14 November 2019

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 Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

General Status / Issues / Breaking News

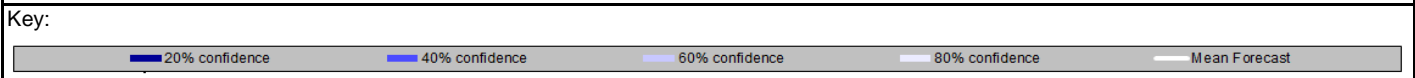
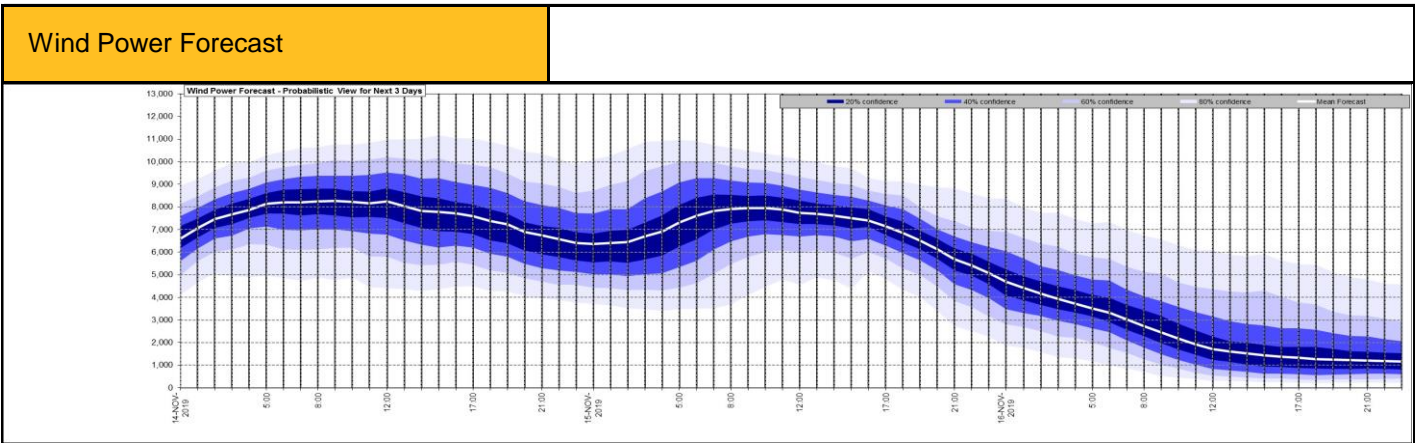
Balancing Costs

Last 24 hours' BM spend Total: £1219k



Yesterday's Market Summary	
Cash out price (Max)	£71.49/MWh (SP 29)
Cash Out Price (Min)	£6.00MWh (SP 9 -12)
Peak Demand Yesterday	44,374 MW

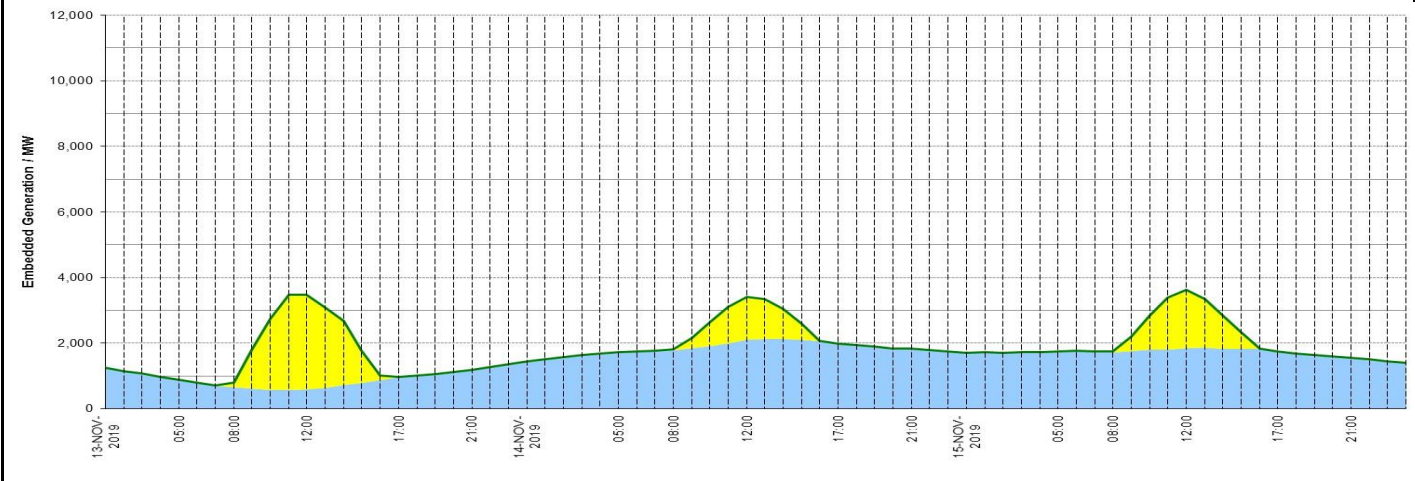
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available



Expected embedded generation (MWs)

Embedded Generation Forecast

	13-NOV-2019					14-NOV-2019					15-NOV-2019						
	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	137	2880	1	0	0	0	28	1307	0	0	0	0	41	1769	0	0
Wind (MW)	884	654	594	967	1193	1455	1728	1784	2097	1996	1838	1714	1741	1708	1856	1758	1554
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	884	791	3474	968	1193	1455	1728	1812	3404	1996	1838	1714	1741	1749	3625	1758	1554



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Persistent rain and some hill snow continues to affect parts of Wales and England with possible flooding. Further south, patchy fog clears but with scattered heavy showers. Further north, sunny spells but showers towards northern and eastern coasts. Cold, breezy.</p> <p>Tonight: Southern areas cloudy with patchy rain, while more persistent rain lingers across some central regions. Northern Britain clearer with widespread frost but scattered wintry showers towards eastern and northern coasts.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow Warning Snow and Ice Areas affected: Central, Tayside & Fife Grampian North East England SW Scotland, Lothian Borders Wales West Midlands Ends: 10:00 GMT on Thu 14 November Icy patches in the east may give difficult driving conditions overnight and Thursday morning.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Yellow warning of rain Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands East Midlands Yorkshire & Humber Persistent rain may bring some disruption from flooding</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing danger to life - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - Spray and flooding could lead to difficult driving conditions and some road closures - There is a small chance that some communities become cut off by flooded roads - Further homes and businesses could be flooded, causing damage to some buildings - Fast flowing or deep floodwater is possible, causing a danger to life - Spray and flooding could lead to difficult driving conditions and some road closures - Some communities may be cut off by flooded roads - Delays or cancellations to train and bus services are possible - Possible power cuts and loss of other services to some homes and businesses <p>Flood Warning: No flood warnings</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