

**National Electricity
Transmission System Status Report**



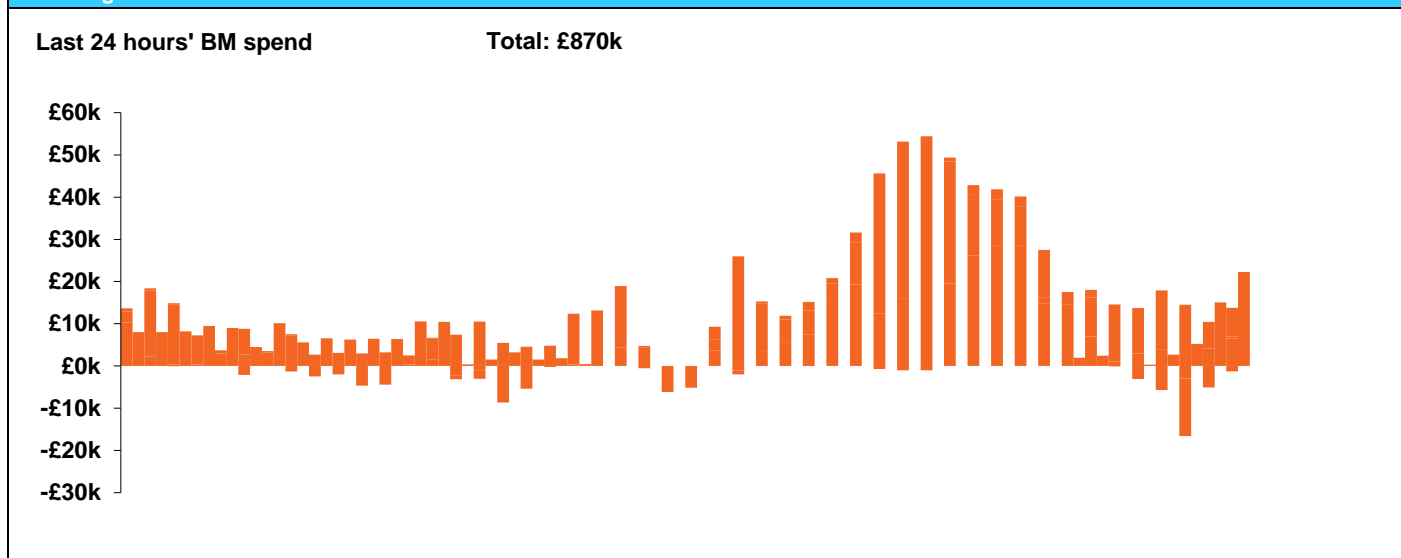
nationalgridESO

National Electricity Transmission System Status Report
Monday 25 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			

Today's Minimum De-Rated Margin	2480 MW (SP35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

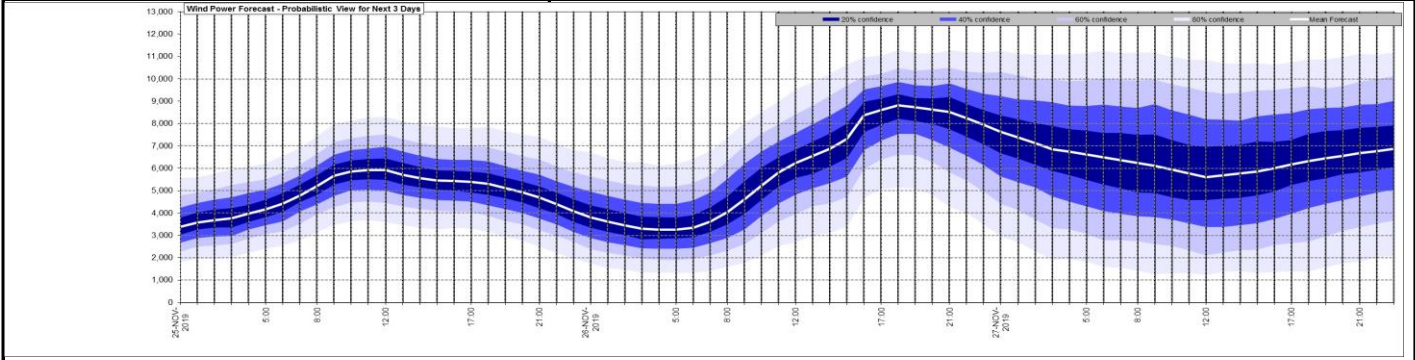
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£81.50/MWh (SP 26)
Cash Out Price (Min)	£0.00/MWh (SP 24-25)
Peak Demand Yesterday	40,687 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.

Wind Power Forecast



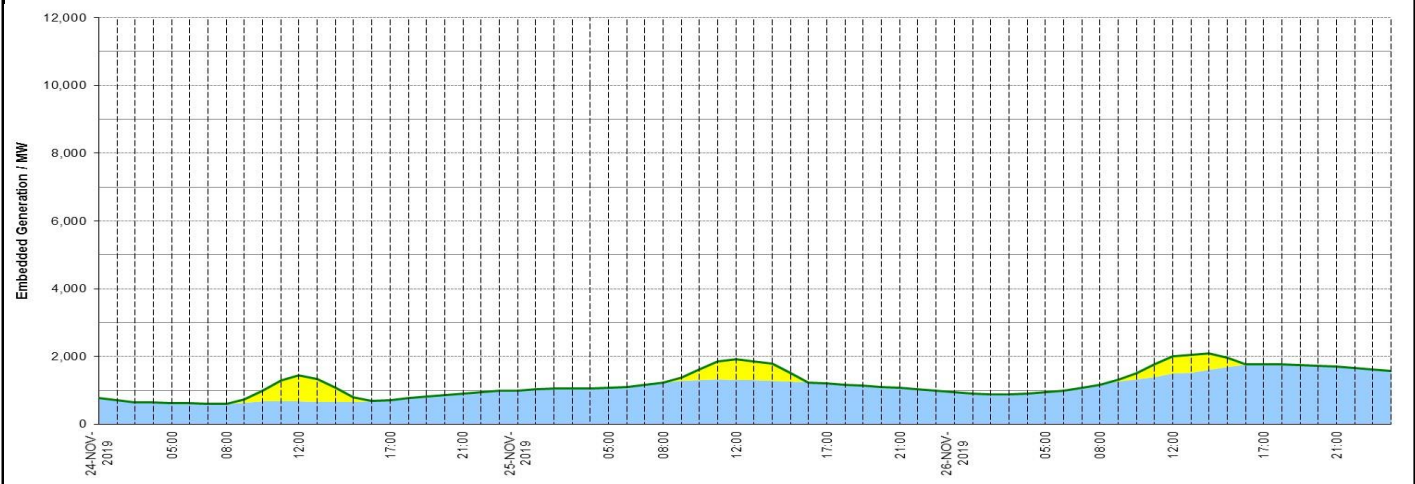
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	24-NOV-2019					25-NOV-2019						26-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	2	760	0	0	0	0	11	605	0	0	0	0	0	518	0	0
Wind (MW)	628	596	676	722	910	1001	1082	1221	1312	1207	1073	949	945	1169	1493	1765	1712
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	628	598	1436	722	910	1001	1082	1232	1917	1207	1073	949	945	1169	2011	1765	1712



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Mostly cloudy with rain moving northeast across Britain, this heavy at first across southern England and Wales, and followed by some bright or sunny spells and showers. Probably staying dry in far north of Scotland.</p> <p>Tonight: Outbreaks of rain continuing across northern Britain, with showers dying out after midnight across central and southern areas. However, further heavy rain and strong winds reaching the southwest by dawn.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warning of rain Areas affected: South West England Wales London & South East England South West England Wales East Midlands Yorkshire & Humber</p> <ul style="list-style-type: none"> - 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 - 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 - There is a small chance that some communities become cut off by flooded roads - There is a small chance of fast flowing or deep floodwater causing danger to life <p>Flood Warnings: 1 Flood alert in South Pembrokeshire</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