

**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Saturday 27 April 2019

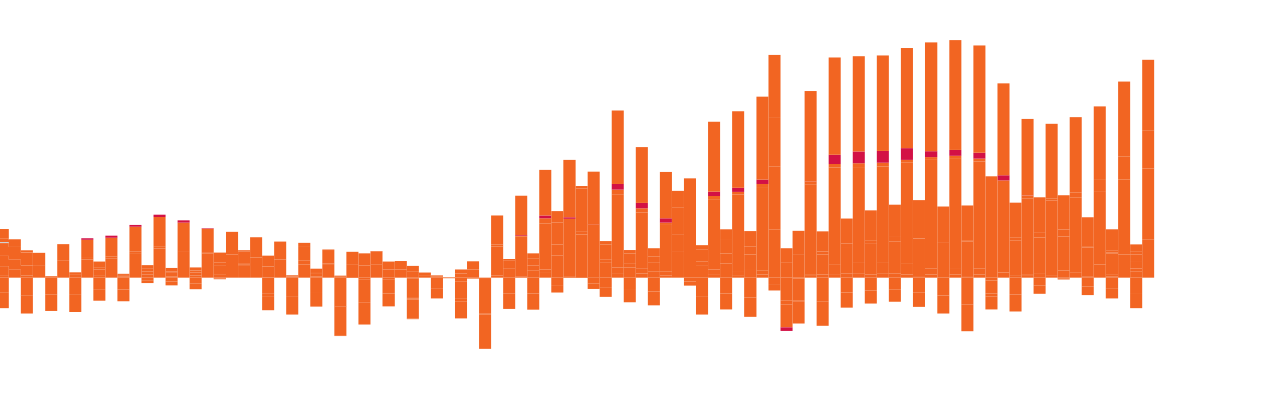
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	13,394 MW (SP 19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' ENCC BM spend **Total: £2264k**

£200k
£150k
£100k
£50k
£0k
-£50k
-£100k



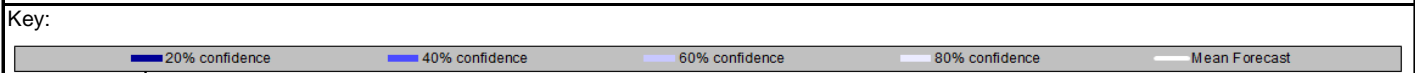
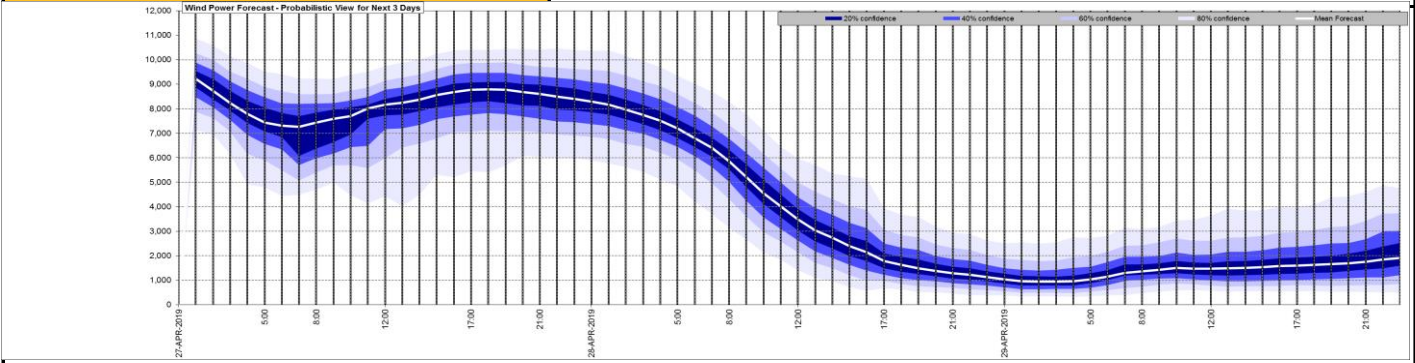
Yesterday's Market Summary

Cash out price (Max)	£44.19/MWh (SP 11)
Cash Out Price (Min)	- £50.00/MWh (SP 33)
Peak Demand Yesterday	31,952 MW

Interconnectors

Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully available
France (IFA)	1000	1000	Bipole Outage
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

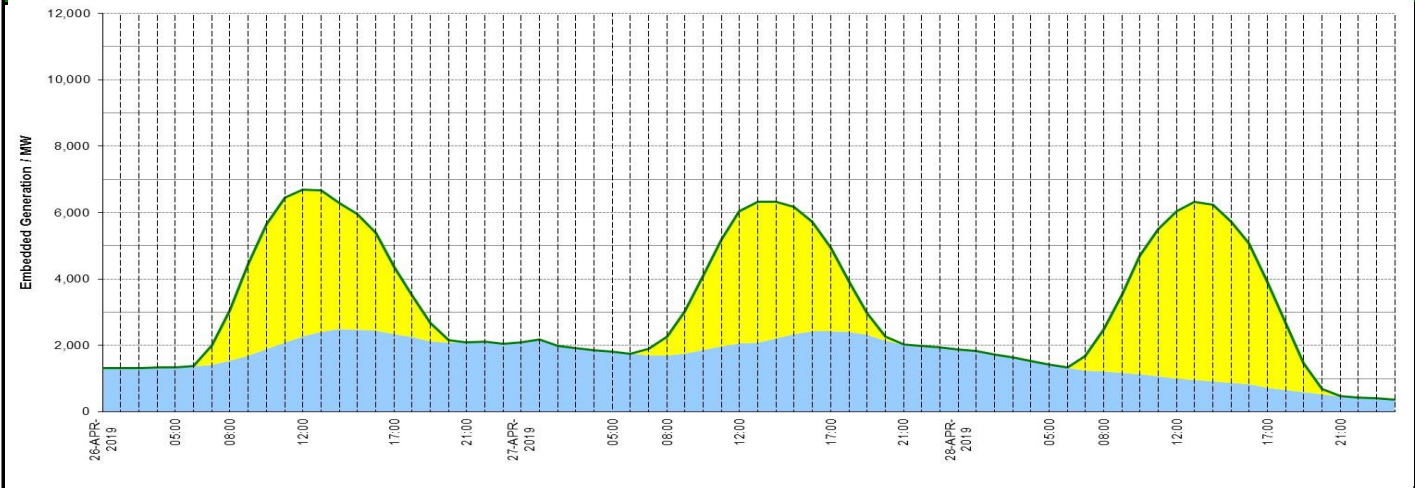
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-APR-2019					27-APR-2019					28-APR-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)	1	1510	4420	2030	1	0	0	567	3988	2509	0	0	0	1259	5042	3194	0
Wind (MW)	1339	1536	2273	2340	2096	2089	1816	1690	2058	2427	2024	1870	1419	1214	1002	722	466
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1340	3046	6693	4370	2097	2089	1816	2257	6046	4936	2024	1870	1419	2473	6044	3916	466



Weather	Source	Commentary
<p>21/04/2019 (Summary)</p>	<p>Met Office SEPA Natural Resources Wales</p>	<p>Today: Cold, with showers or longer spells of rain, most persistent across Northern Ireland, Wales, central and northern England. Southern England, south Wales and northern Scotland will see the best brightness. Very windy in the south and west. Coastal severe gales.</p> <p>Tonight: The wet and windy weather will ease overnight. Remaining rather cloudy with patchy rain across eastern Scotland, central and eastern parts of England. Clearer spells and patchy frost further west.</p>
<p>General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings</p> <p>Hurst</p>	<p>Met Office Weather SEPA Natural Resources Wales</p>	<p>Weather Warnings:</p> <p>YELLOW WARNING OF WIND for 'East Midlands', 'East of England', 'London & South East England', 'North West England', 'South West England', 'Wales', 'West Midlands'</p> <p>Updated 26 April at 0954 BST Valid from 2100 BST on Fri 26 April to 1500 BST on Sat 27 April A spell of strong winds is expected across southern and some central parts of the UK, bringing a risk of disruption</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely, with bus and train services affected - Delays for high-sided vehicles on exposed routes and bridges likely - Some short term loss of power and other services is possible due to fallen trees and branches - It's likely that some coastal routes, sea fronts and coastal communities could be affected by spray and/or large waves <p>YELLOW WARNING OF RAIN for 'Northern Ireland'</p> <p>Updated 26 April at 1433 BST Valid from 0000 BST on Sat 27 April to 1500 BST on Sat 27 April Heavy rain on Saturday may give some disruption for parts of Northern Ireland.</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer <p>Flood Warnings: There are no flood warnings currently.</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