

**National Electricity
Transmission System Status Report**



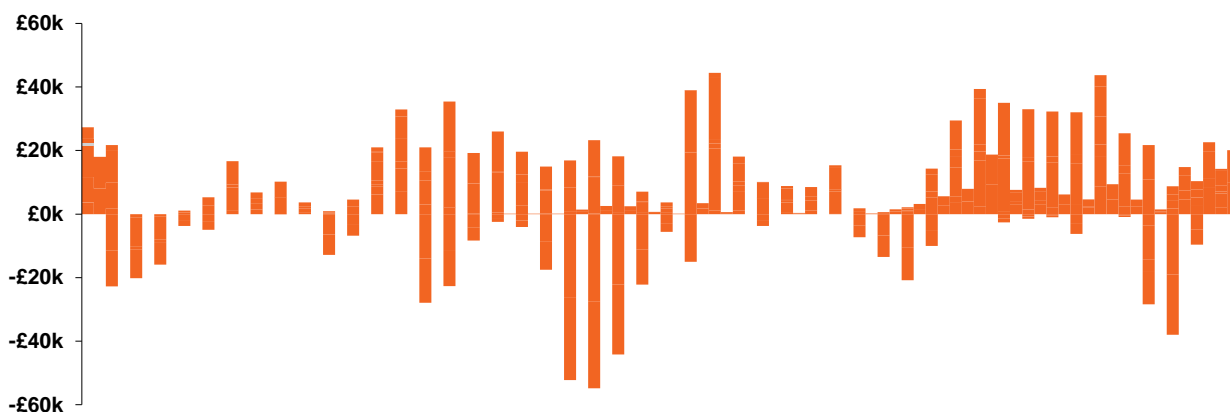
National Electricity Transmission System Status Report
Saturday 13 April 2019

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	11490MW (SP 41)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' ENCC BM spend **Total: £224k**

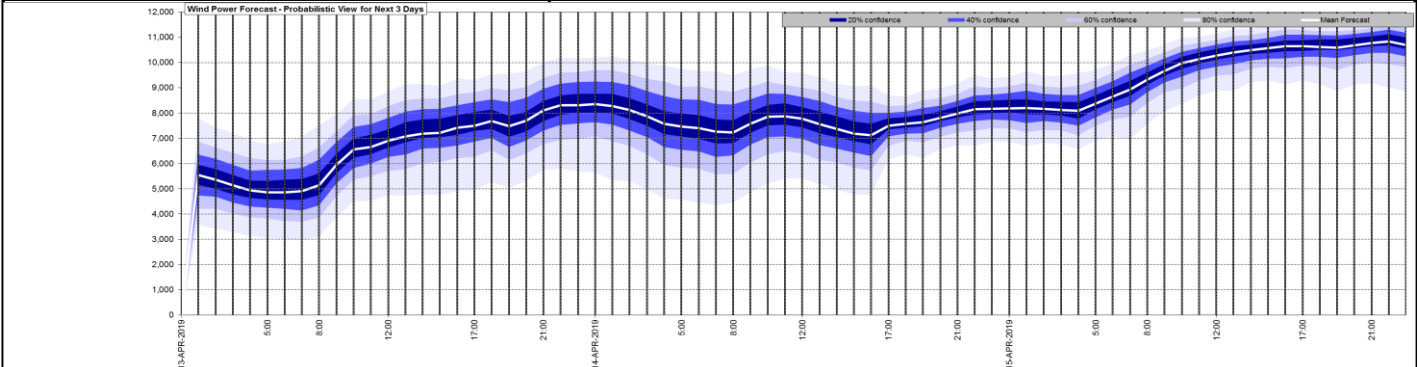


Yesterday's Market Summary

Cash out price (Max)	£89.00/MWh (SP 26)
Cash Out Price (Min)	£25.00/MWh (SP 45)
Peak Demand Yesterday	36733MW

Interconnectors Net Transfer Capacity (MWs)			
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



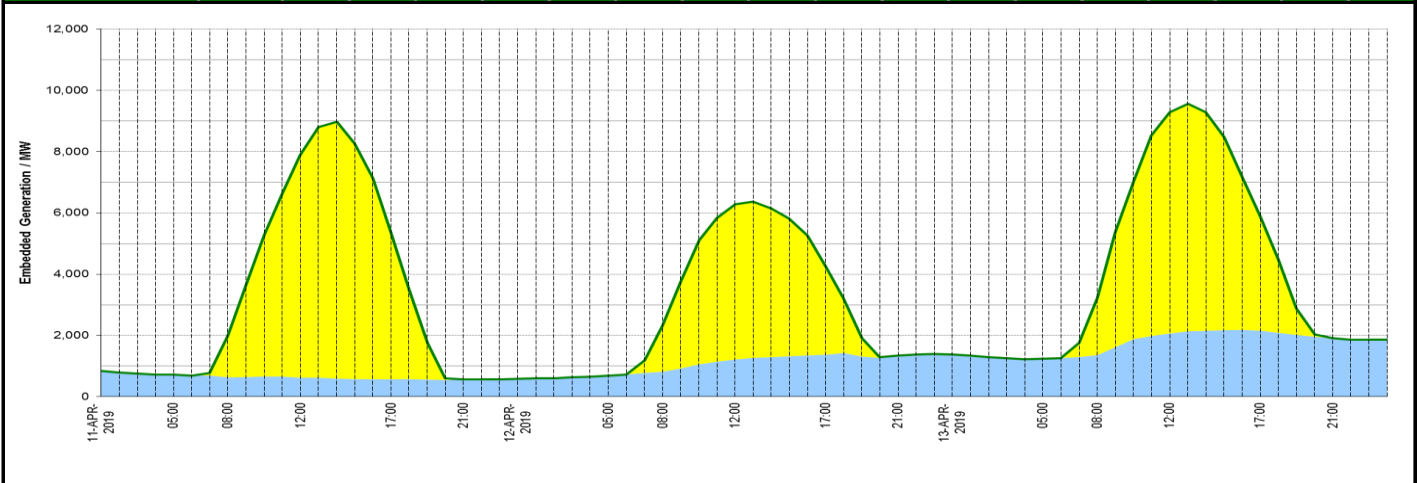
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	12-APR-2019					13-APR-2019					14-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)	0	1250	5760	2260	0	0	0	1829	6792	3734	0	0	0	1654	5420	2974	0
Wind (MW)	740	869	1260	1412	1368	1411	1217	1357	2150	2247	1808	1776	1686	1755	2321	2204	1974
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	740	2119	7020	3672	1368	1411	1217	3186	8942	5981	1808	1776	1686	3409	7741	5178	1974



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Mostly dry with sunny spells, best of which will be in the north and west. Cloudier at times in the eastern and central England, with a scattering of mostly light showers. Breezy, making it feel rather chilly despite the sunshine.</p> <p>Tonight:</p> <p>Daytime showers becoming confined to North Sea coasts during the evening, leaving many areas dry with prolonged clear spells. A widespread frost developing under the clear skies</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>There are no Met Office Weather Warnings in force anywhere in the United Kingdom.</p> <p>Flood Warnings:</p> <p>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