

**National Electricity
Transmission System Status Report**



national**grid**ESO

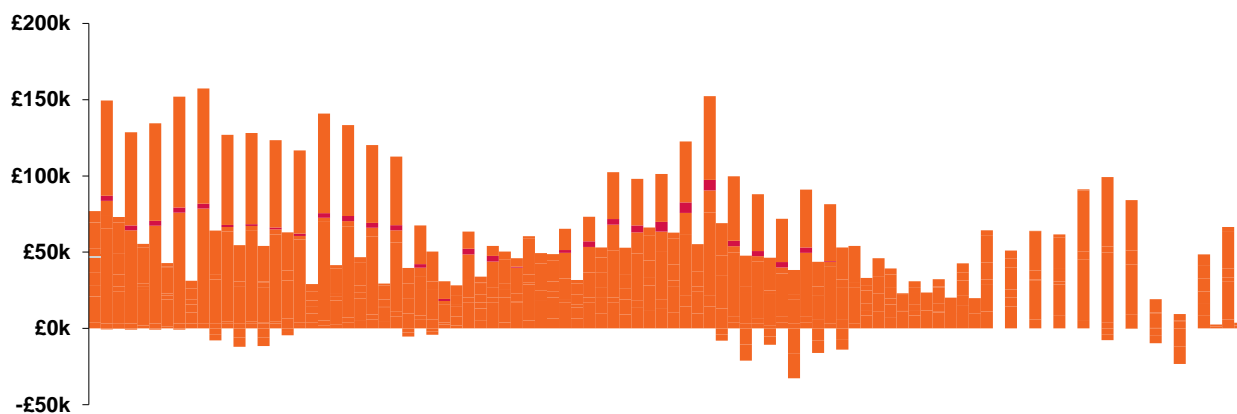
National Electricity Transmission System Status Report
Thursday 25 April 2019

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	7,940 MW (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

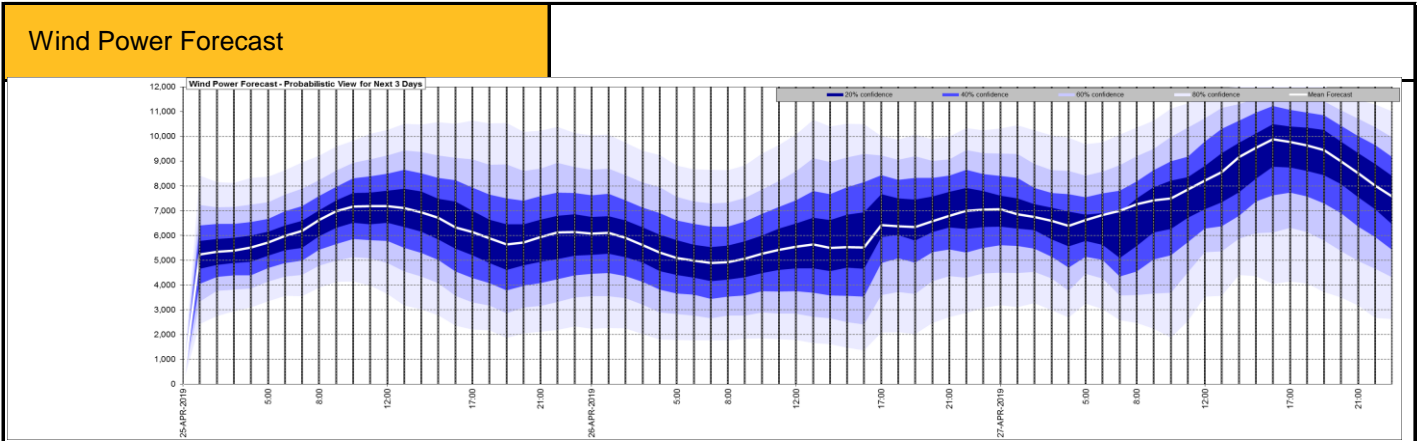
Last 24 hours' ENCC BM spend **Total: £2780k**



Yesterday's Market Summary

Cash out price (Max)	£63.93/MWh (SP 43)
Cash Out Price (Min)	£18.72/MWh (SP 8)
Peak Demand Yesterday	34,065 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.



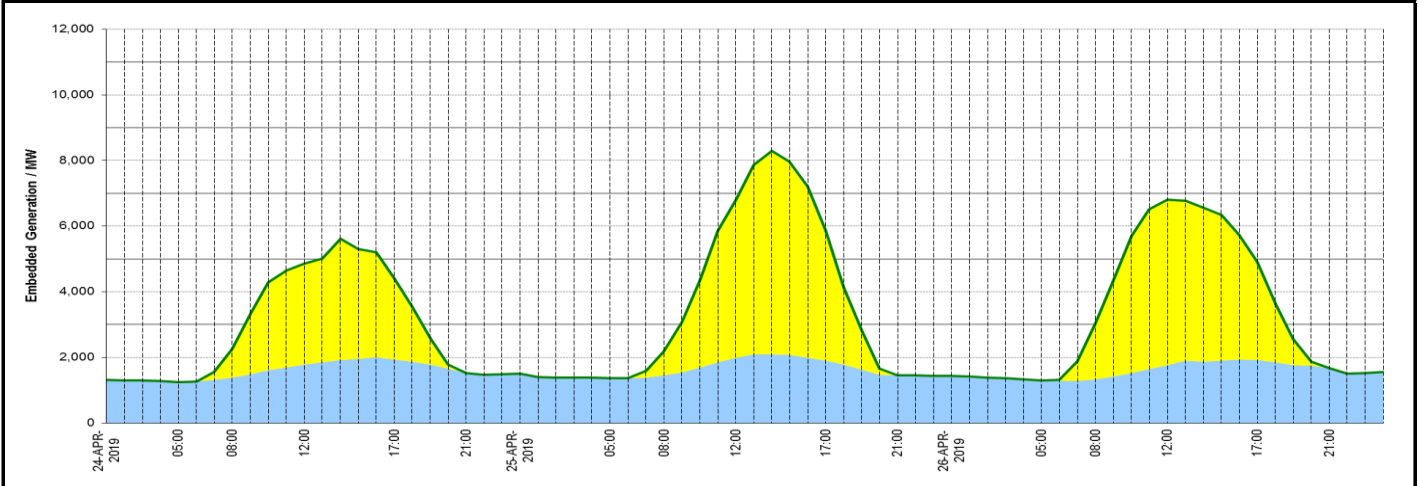
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	24-APR-2019					25-APR-2019					26-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	889	3070	2480	0	0	0	732	4811	3946	0	0	0	1723	5036	2974	0
Wind (MW)	1241	1377	1777	1942	1516	1506	1372	1454	1991	1899	1450	1433	1301	1337	1770	1925	1679
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1241	2266	4847	4422	1516	1506	1372	2186	6802	5845	1450	1433	1301	3060	6806	4899	1679



Weather	Source	Commentary
21/04/2019 (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain will push northwards, with scattered heavy and thundery showers following across England and Wales, perhaps with hail and gusty winds. Some warm sunshine too, especially southeast England and northern Scotland. Breezy and generally feeling fresher.</p> <p>Tonight: Heavy showers will ease for most, although further showers will continue in some western parts. Elsewhere, mainly dry with clear spells and turning chilly with the odd fog patch.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: There are no Met Office Weather Warnings in force anywhere in the United Kingdom.</p> <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