

**National Electricity
Transmission System Status Report**



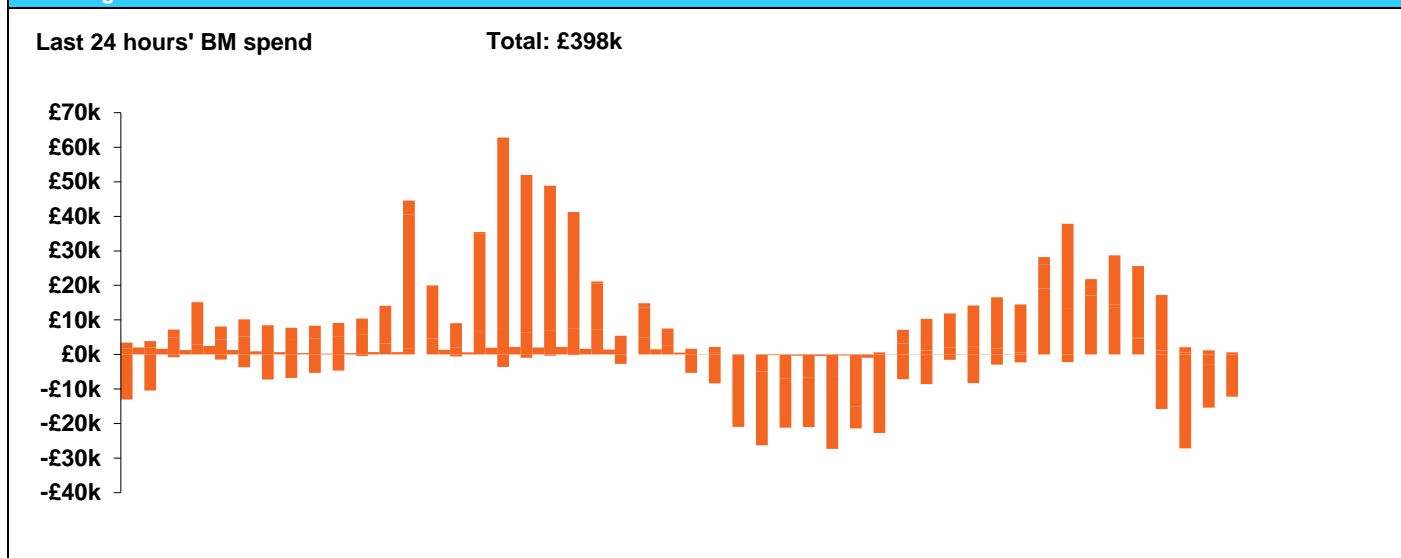
national**grid**ESO

National Electricity Transmission System Status Report
Thursday 11 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	3331MW (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

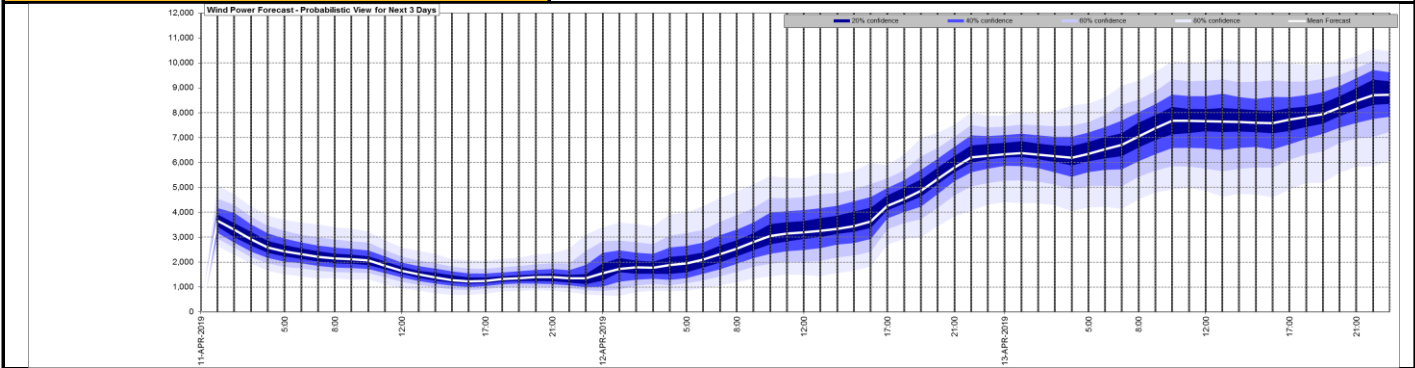
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£98.00/MWh (SP 17)
Cash Out Price (Min)	£10.00/MWh (SP 32)
Peak Demand Yesterday	37812MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully available
France (IFA)	1000	1000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

Wind Power Forecast



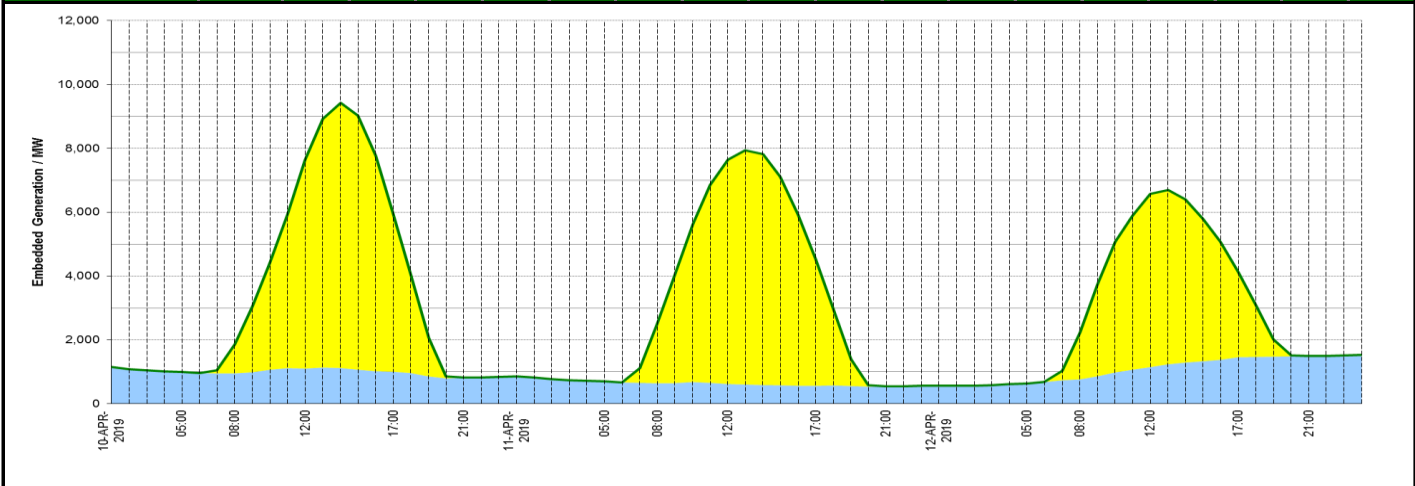
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	10-APR-2019					11-APR-2019					12-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	901	6530	4960	2	0	0	1860	7017	3937	0	0	0	1469	5420	2656	0
Wind (MW)	993	953	1105	1005	816	865	697	645	622	563	557	567	643	767	1150	1460	1496
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	993	1854	7635	5965	818	865	697	2505	7639	4500	557	567	643	2236	6570	4116	1496



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>After a chilly start it will be a fine and dry day, with sunny spells for many. Cloudy with some scattered showers for northern and eastern Scotland. It will feel pleasant in the sunshine, with lighter winds.</p> <p>Tonight:</p> <p>Dry with clear spells for many, which will lead to a fairly widespread frost. Cloudier with the odd shower across northern Scotland and perhaps near eastern coasts of England later.</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