

**National Electricity
Transmission System Status Report**



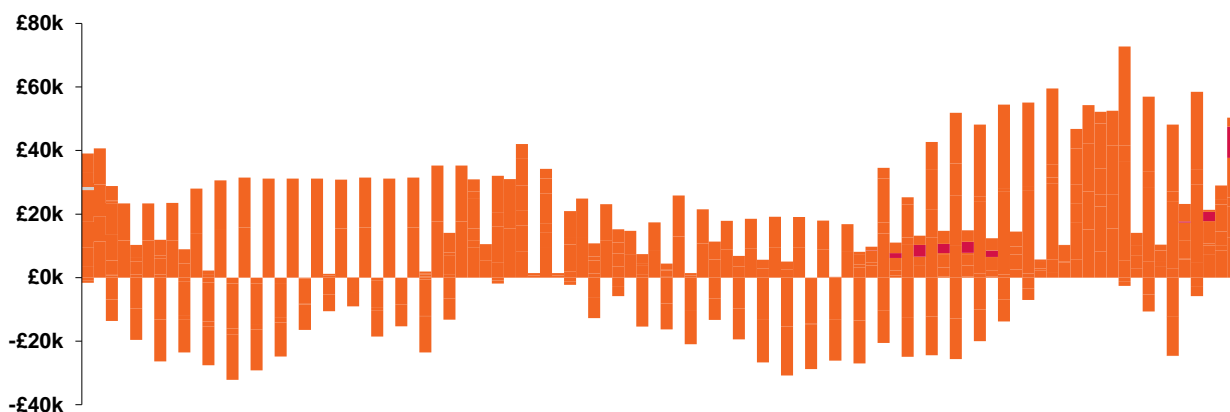
National Electricity Transmission System Status Report
Monday 22 April 2019

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	10,800MW (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' ENCC BM spend **Total: £703k**

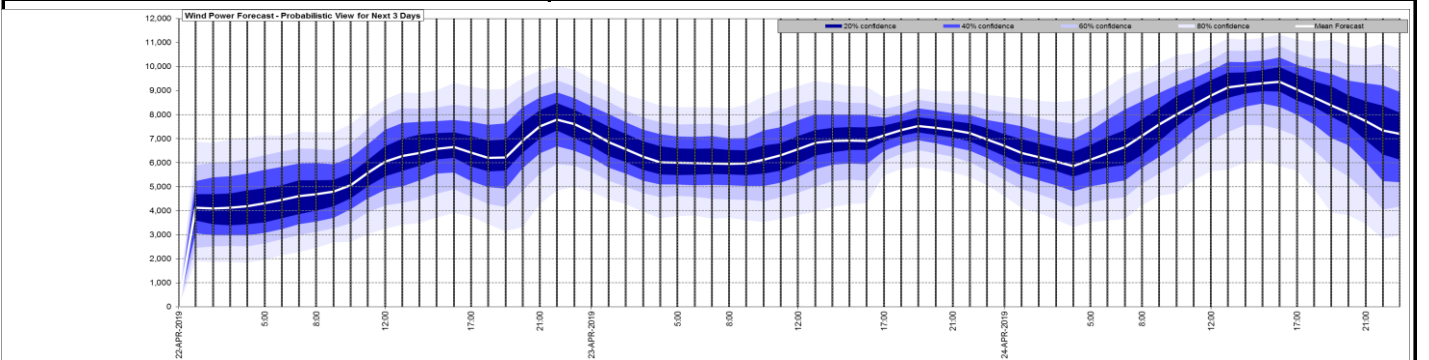


Yesterday's Market Summary

Cash out price (Max)	£65.00/MWh (SP17,19,20)
Cash Out Price (Min)	£15.00/MWh (SP31,32)
Peak Demand Yesterday	27,349 MW

Interconnectors				21/04/2019
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



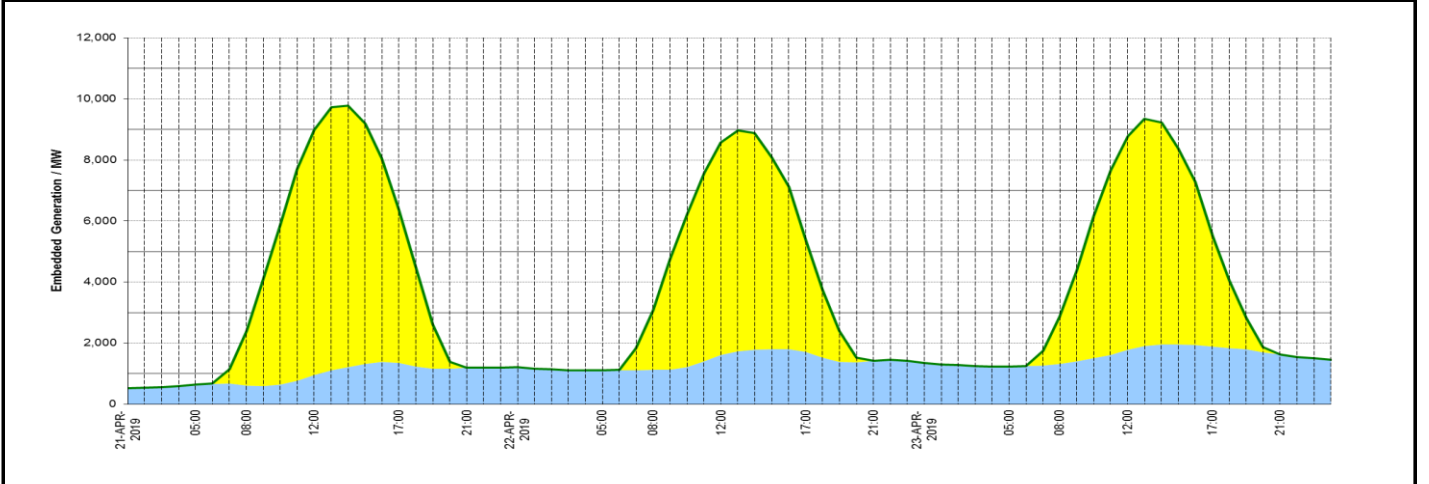
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	21-APR-2019					22-APR-2019					23-APR-2019							
	Overnight	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)	Hurst MC	0	1800	8030	5010	3	0	0	1950	6967	3703	0	0	0	1555	7009	3630	0
Wind (MW)		653	610	948	1354	1198	1214	1114	1130	1610	1716	1422	1357	1237	1323	1777	1892	1625
STOR (MW)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)		653	2410	8978	6364	1201	1214	1114	3080	8577	5419	1422	1357	1237	2878	8786	5522	1625



Weather	Source	Commentary
21/04/2019 (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>A little cloudier across parts of England and Wales, but still with hazy sunshine. A very small chance of catching a shower in the afternoon, but staying dry for most. Elsewhere warm and sunny throughout, but fresher on the coasts.</p> <p>Tonight:</p> <p>Some cloud around, with the chance of a shower in the north and west. There may be a few mist patches by dawn, but a dry night for most.</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>

Hurst
M02 &
SGT 2 –
following
the

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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