

**National Electricity
Transmission System Status Report**



national**grid**ESO

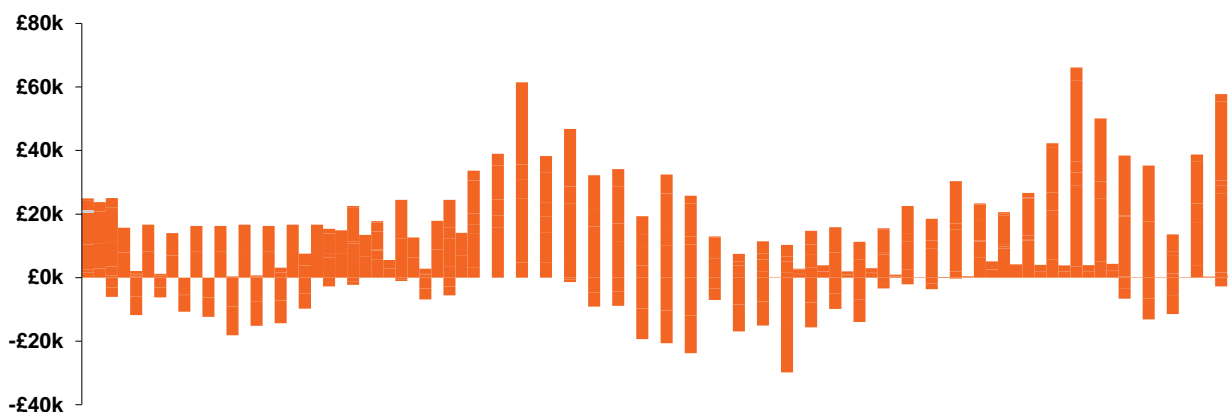
National Electricity Transmission System Status Report
Saturday 20 April 2019

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	7456 MW (SP 43)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

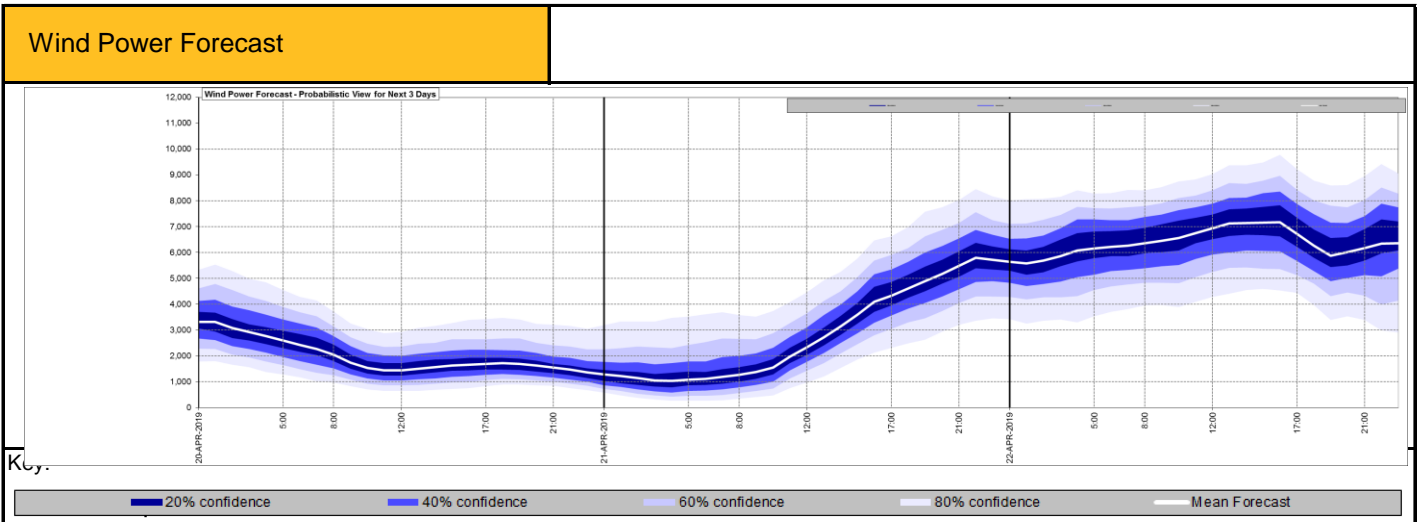
Last 24 hours' ENCC BM spend **Total: £496k**



Yesterday's Market Summary

Cash out price (Max)	£72.04/MWh (SP 19)
Cash Out Price (Min)	£18.62/MWh (SP 31)
Peak Demand Yesterday	31,391 MW

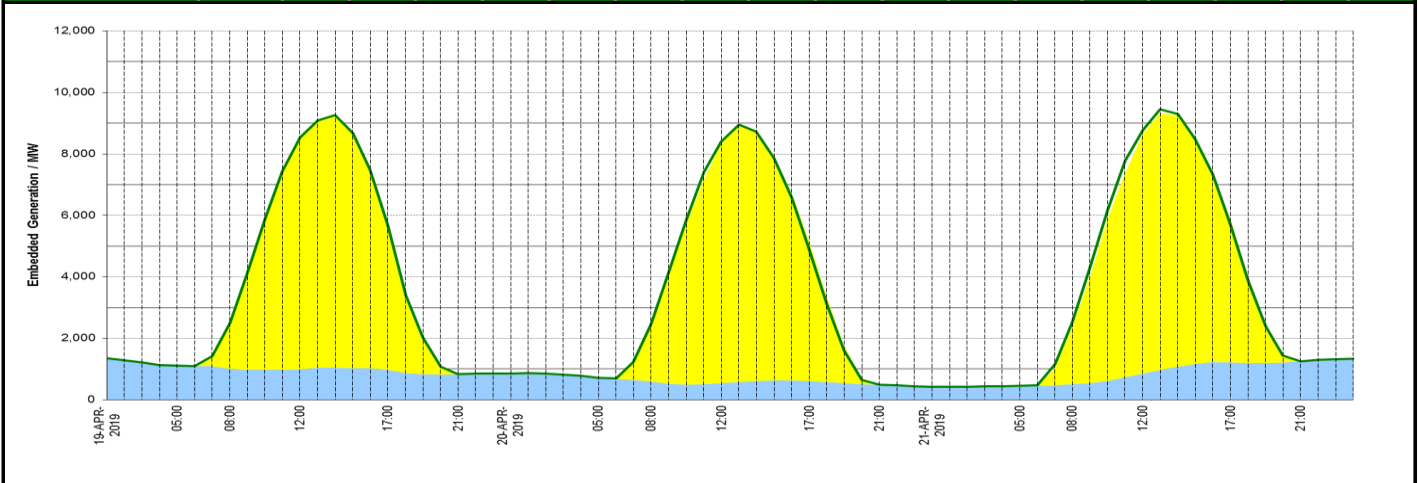
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully available
France (IFA)	1000	1000	Bipole Outage
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-APR-2019					20-APR-2019					21-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	1510	7540	4700	0	0	0	1822	7797	4551	0	0	0	1842	7806	4625	0
Wind (MW)	1113	1006	993	977	832	860	722	587	535	618	486	419	450	508	852	1221	1255
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1113	2516	8533	5677	832	860	722	2484	8401	4906	486	419	450	2528	8787	5676	1255



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Early morning fog patches soon clearing. Most areas will have a dry day, with plenty of sunshine. Cloudier across western Northern Ireland and northwest Scotland, with some rain edging southeastwards here. Feeling warm or very warm for many.</p> <p>Tonight:</p> <p>A clear evening and night for many, though showery rain will continue across northern Scotland. A few fog patches forming across eastern, southern and central parts. Chilly for many.</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