

**National Electricity
Transmission System Status Report**

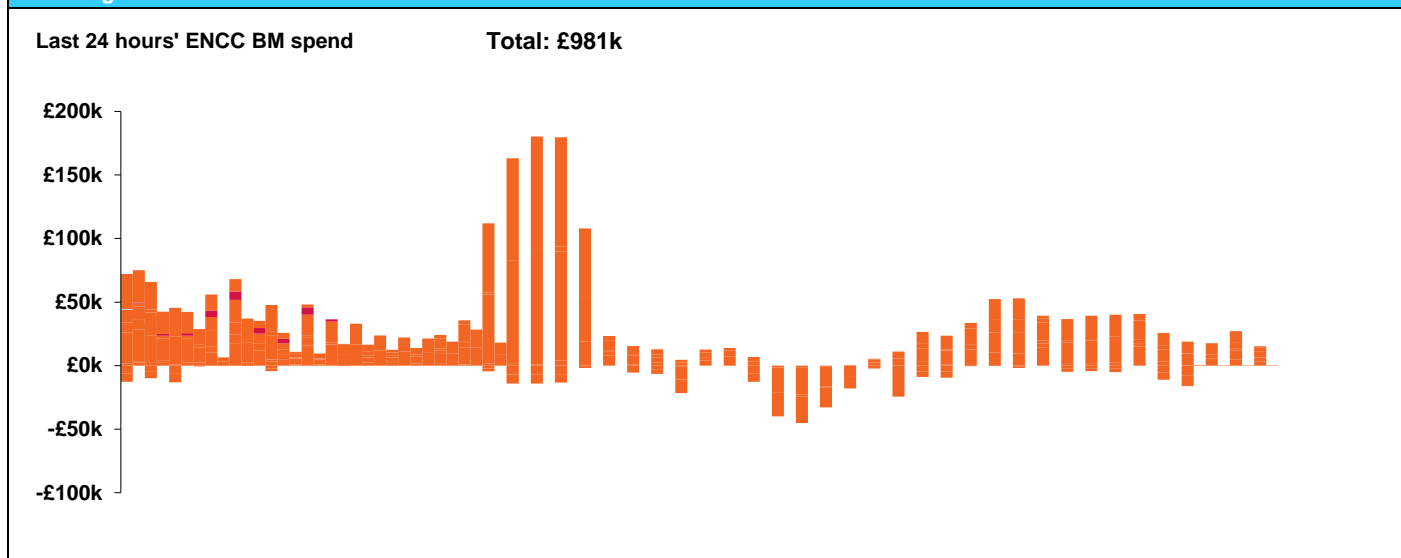


National Electricity Transmission System Status Report
Thursday 18 April 2019

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	11720 MW (SP 18)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

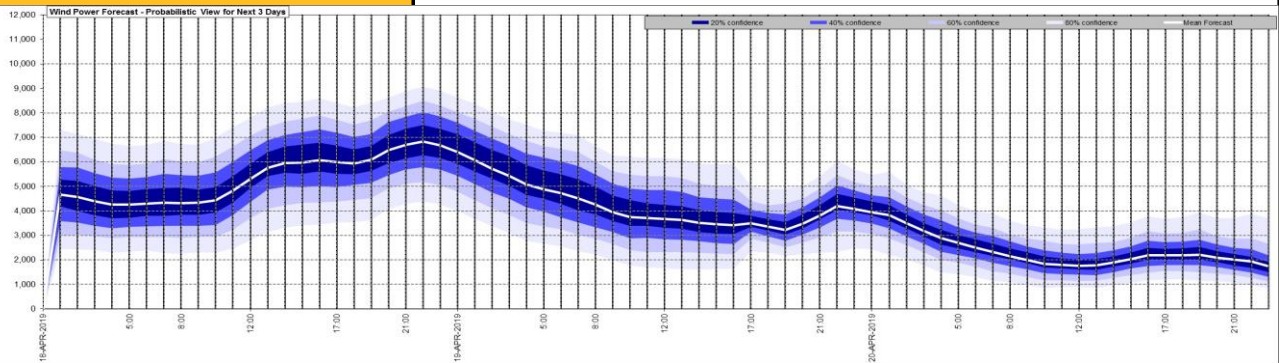
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£98.00/MWh (SP 17-19)
Cash Out Price (Min)	£25.00/MWh (SP 1-3)
Peak Demand Yesterday	34,659 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.

Wind Power Forecast



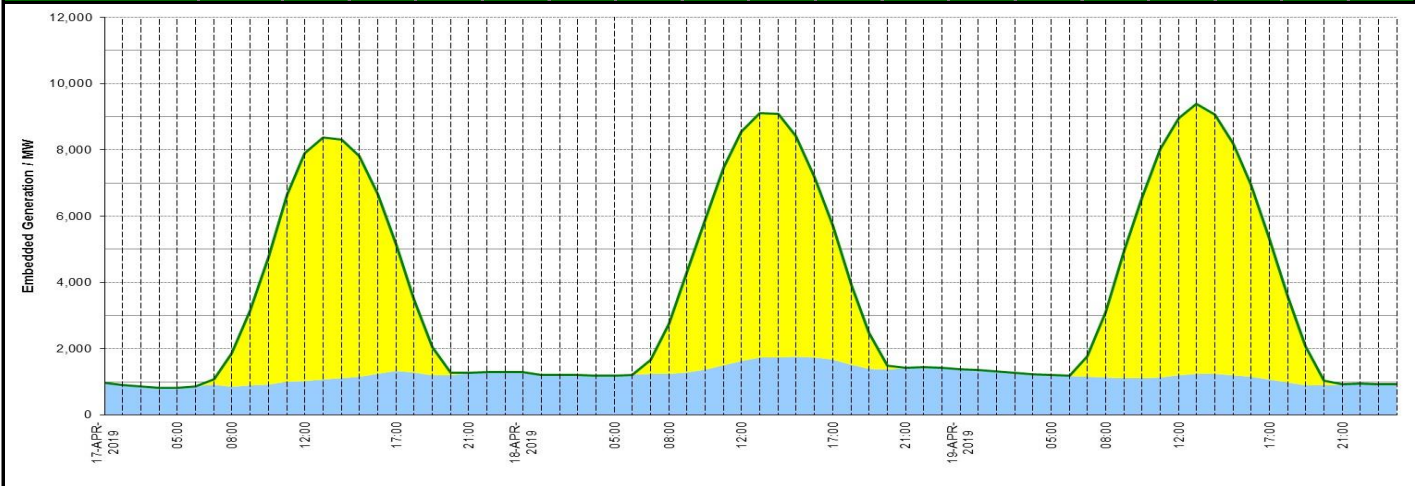
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	17-APR-2019					18-APR-2019					19-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	1000	6880	3810	3	0	0	1531	6915	4052	0	0	0	1976	7769	4247	0
Wind (MW)	826	860	1031	1317	1266	1288	1197	1240	1634	1668	1421	1389	1200	1134	1194	1069	919
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	826	1860	7911	5127	1269	1288	1197	2771	8549	5720	1421	1389	1200	3110	8963	5316	919



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Any early low cloud, mist and fog will quickly clear in the morning to leave a dry and warm day with hazy sunshine. It will feel cooler along the east coast with an onshore breeze.</p> <p>Tonight:</p> <p>Staying dry overnight with mostly clear skies, although there could be some patchy fog over the hills in the northeast.</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