

**National Electricity
Transmission System Status Report**



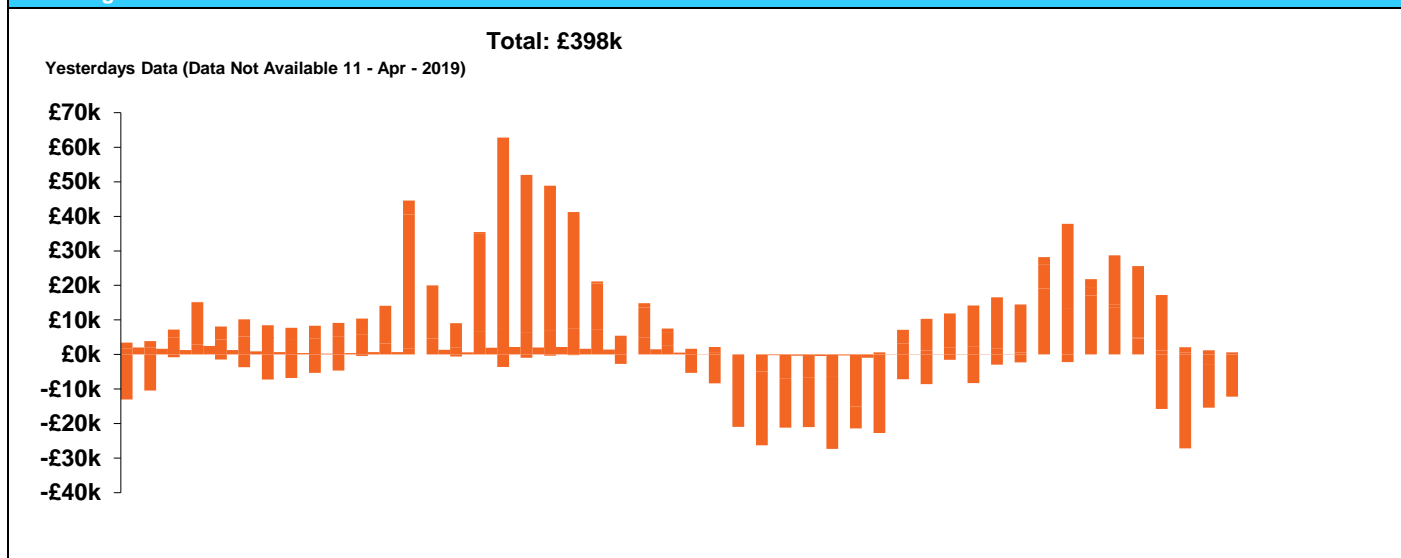
national**grid**ESO

National Electricity Transmission System Status Report
Friday 12 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	3679MW (SP 18)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

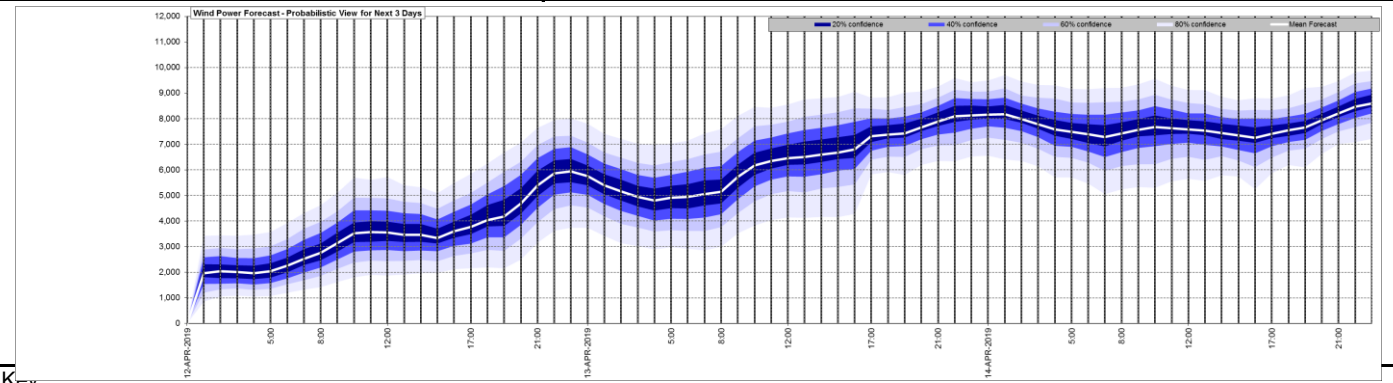
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£82.00/MWh (SP 47)
Cash Out Price (Min)	£0.00/MWh (SP 37)
Peak Demand Yesterday	38392MW

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

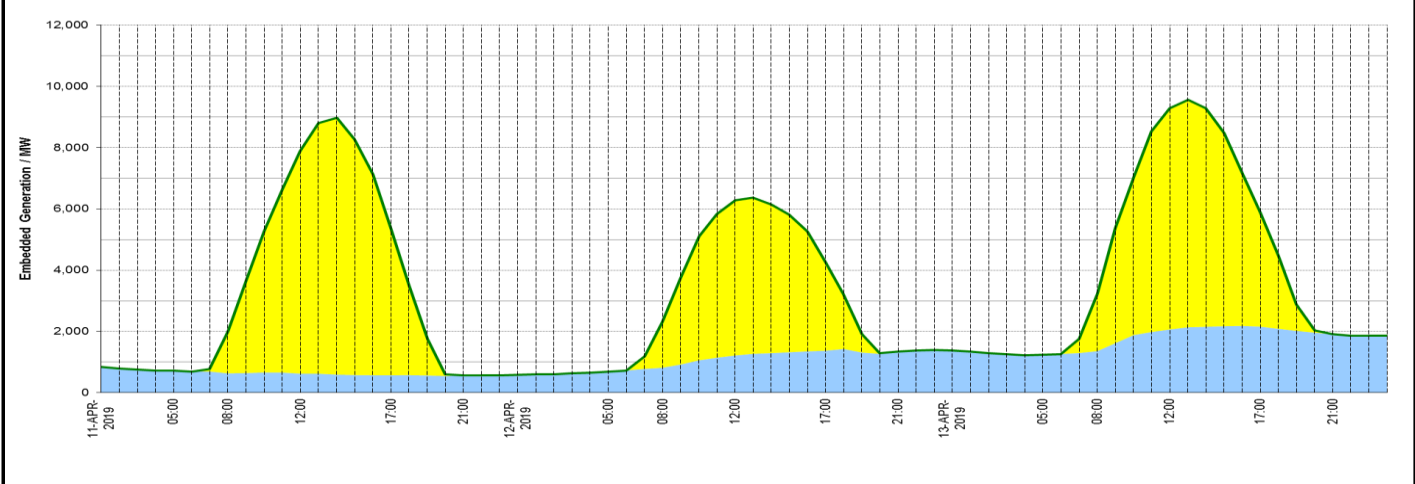


Key: 20% confidence, 40% confidence, 60% confidence, 80% confidence, Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	11-APR-2019					12-APR-2019					13-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	1360	7260	4810	1	0	0	1492	5073	2871	0	0	0	1885	7229	3732	0
Wind (MW)	716	633	623	570	563	587	681	817	1215	1372	1336	1376	1236	1358	2065	2158	1905
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	716	1993	7883	5380	564	587	681	2309	6288	4243	1336	1376	1236	3243	9294	5890	1905



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>After a cold and frosty start in places, it will stay dry for most today with sunny spells. However, scattered light showers are possible in eastern counties. Feeling cold in a brisk easterly wind.</p> <p>Tonight:</p> <p>A few coastal showers will continue in the east, otherwise it will be a dry night with clear spells. Turning cold under clear skies with a widespread frost.</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