

**National Electricity
Transmission System Status Report**



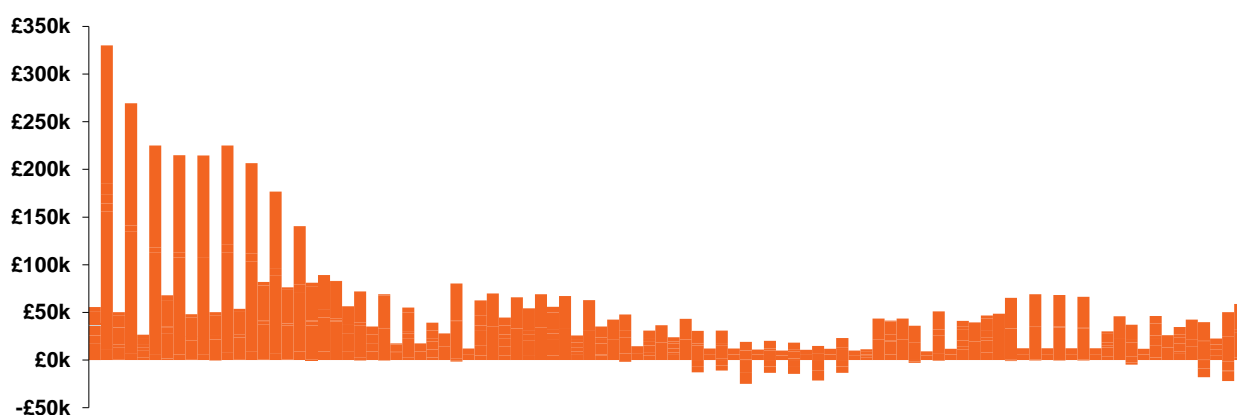
National Electricity Transmission System Status Report
Wednesday 17 April 2019

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	7288 MW (SP 19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

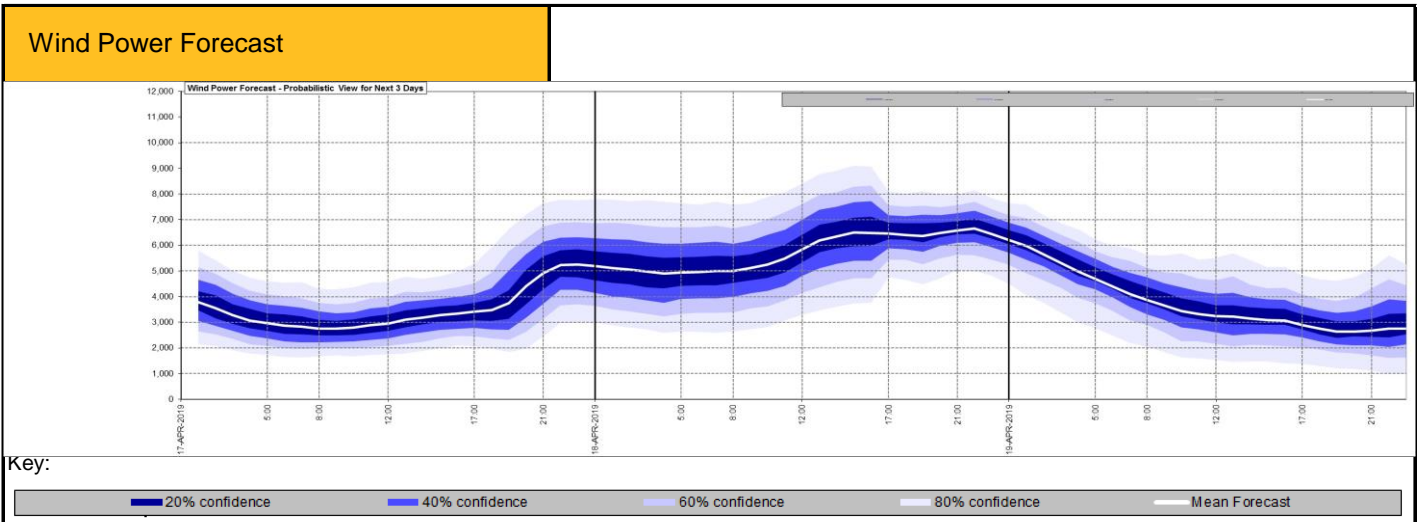
Balancing Costs

Last 24 hours' ENCC BM spend Total: £2650k



Yesterday's Market Summary	
Cash out price (Max)	£77.00/MWh (SP 38 & 43)
Cash Out Price (Min)	£25.00/MWh (SP 48)
Peak Demand Yesterday	36,479 MW

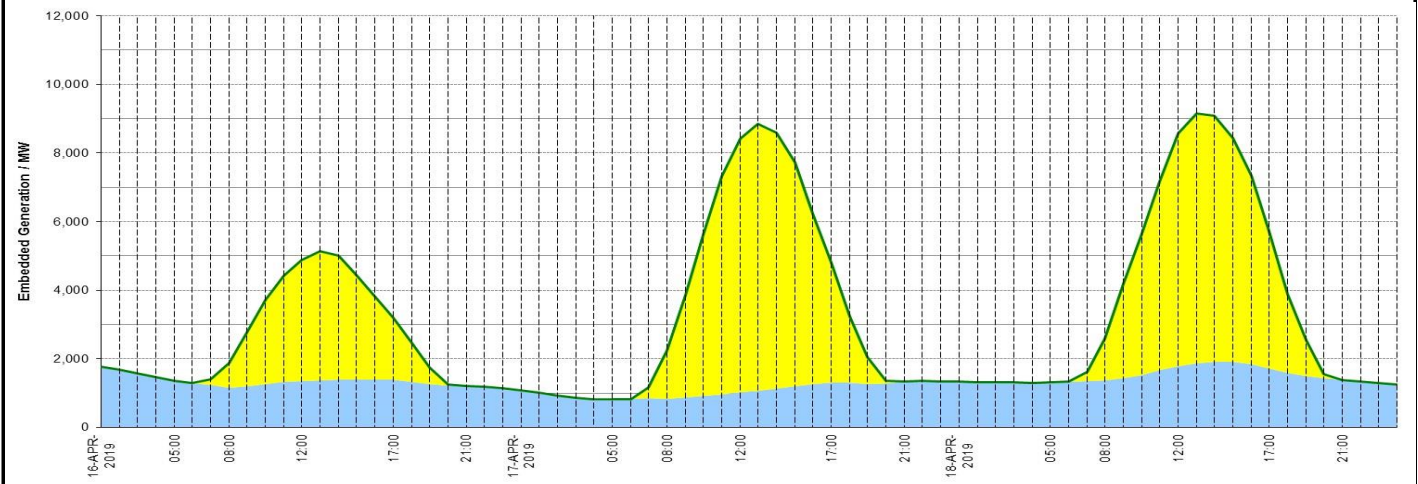
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully available
France (IFA)	1000	1000	Bipole Outage
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-APR-2019					17-APR-2019					18-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	721	3540	1810	0	0	0	1402	7407	3507	0	0	0	1220	6784	4014	0
Wind (MW)	1362	1160	1348	1382	1211	1073	816	840	1021	1311	1333	1334	1312	1373	1789	1714	1383
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1362	1881	4888	3192	1211	1073	816	2242	8428	4818	1333	1334	1312	2593	8573	5728	1383



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>A fine and sunny day once any early mist, fog, and low cloud clears through the first part of the morning. Isolated showers across eastern England later in the afternoon. Feeling cooler for North Sea coasts with an onshore breeze.</p> <p>Tonight:</p> <p>A dry night for much of the UK. Some haze and mist forming across southern and central parts overnight with some patches of cloud and coastal fog elsewhere.</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