

**National Electricity
Transmission System Status Report**

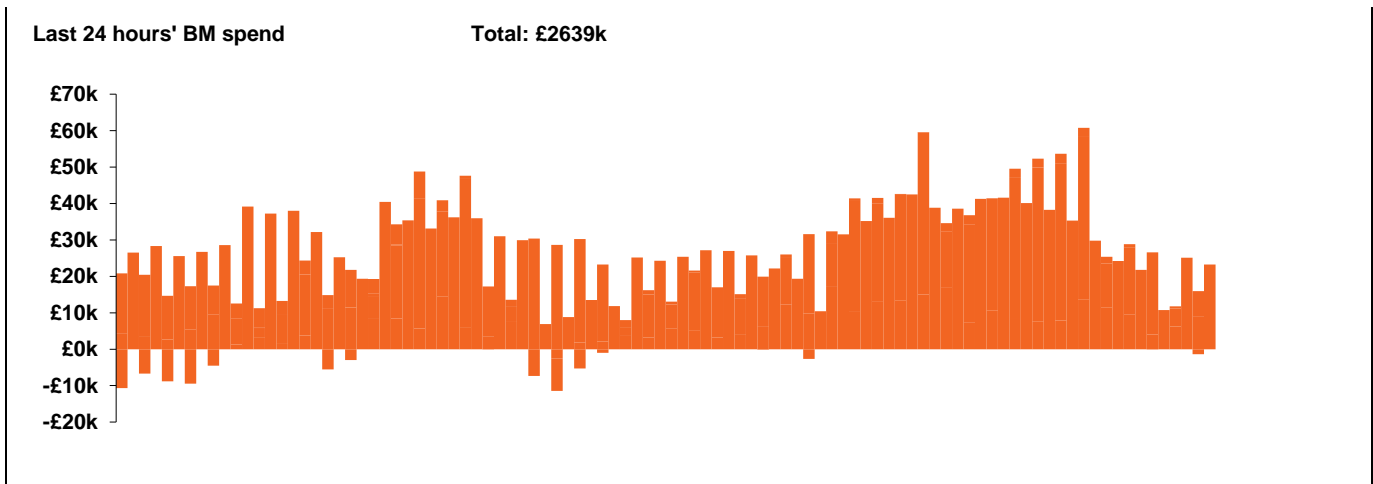


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 29 April 2021

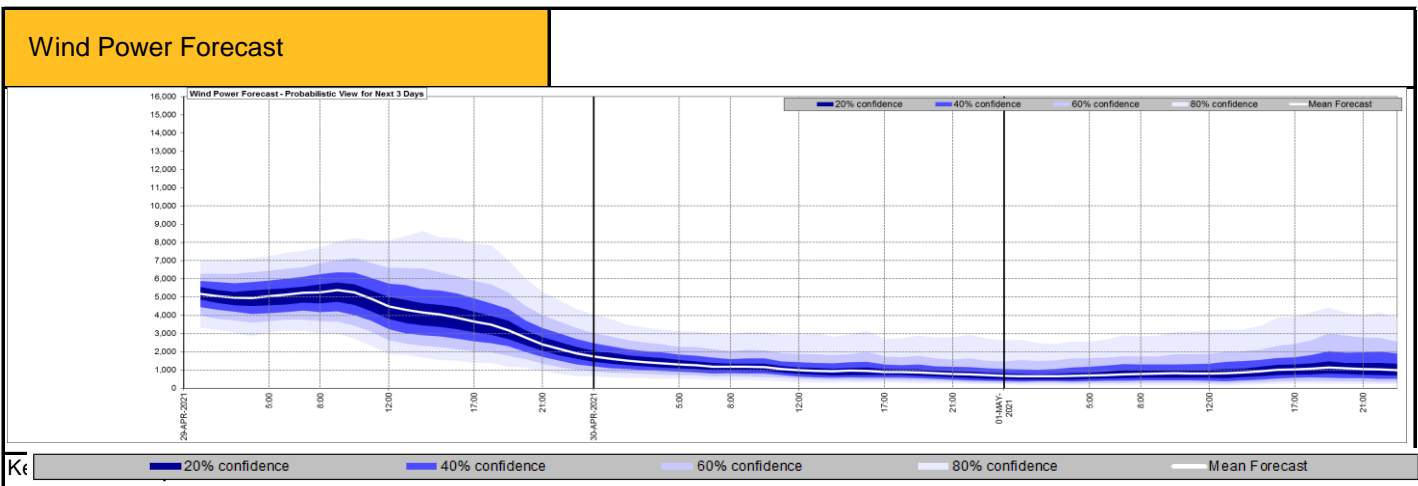
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7150.07 (SP 42)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	900 MW overnight, 1260 MW daytime
	Demand	900 MW overnight, 560 MW daytime



Yesterday's Market Summary	
Cash out price (Max)	£100.73/MWh (SP 33-39)
Cash Out Price (Min)	£25.14/MWh (SP 11)
Peak Demand Yesterday	35,736 MW

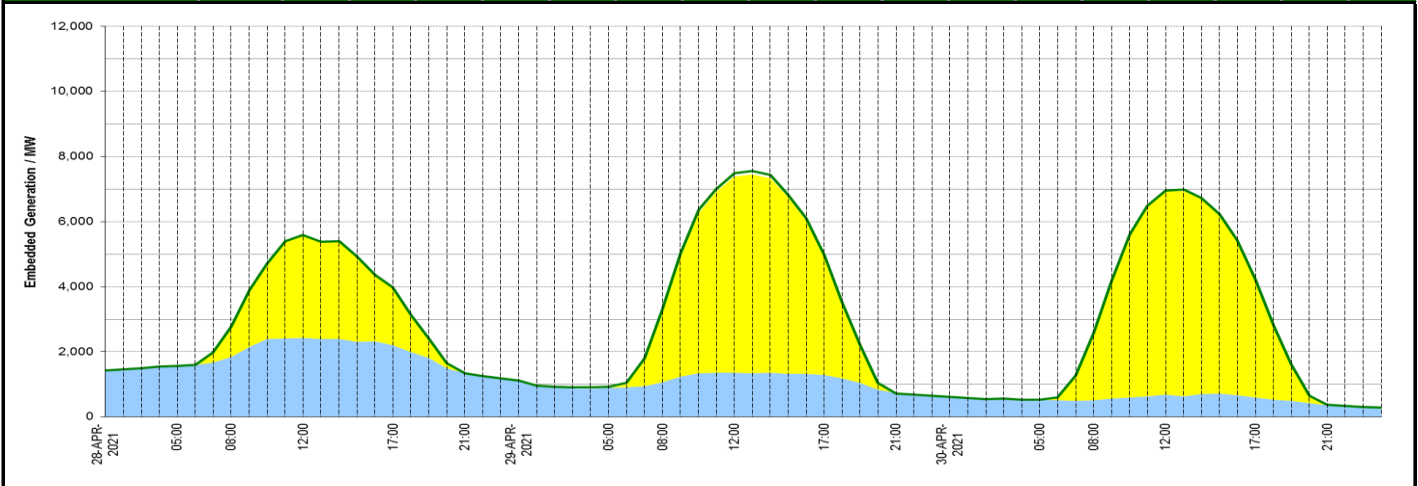
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available.
France (IFA2)	0	0	Not available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-APR-2021					29-APR-2021					30-APR-2021						
	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	923	3160	1780	1	0	0	2122	6026	3632	0	0	0	2083	6257	3609	0
Wind (MW)	1564	1852	2433	2198	1343	1114	887	1064	1359	1283	733	614	515	520	683	593	366
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1564	2775	5593	3978	1344	1114	935	3291	7488	4965	722	622	539	2609	6955	4235	377



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells and showers for most. Showers mostly around exposed north and east coasts at first but developing more widely inland by afternoon. Some showers wintry on northern hills. Mostly dry in southeast. Feeling cool.</p> <p>Tonight: Showers dying out inland but continuing around coasts exposed to the northeasterly winds. The odd shower possible later in the night in central parts. Chilly with rural frost for some.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>No weather warnings are in force for the UK</p> <p>UK Flood Warnings: 26 Flood Warnings in England 4 Flood Warning in Wales</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