

**National Electricity
Transmission System Status Report**



nationalgridESO

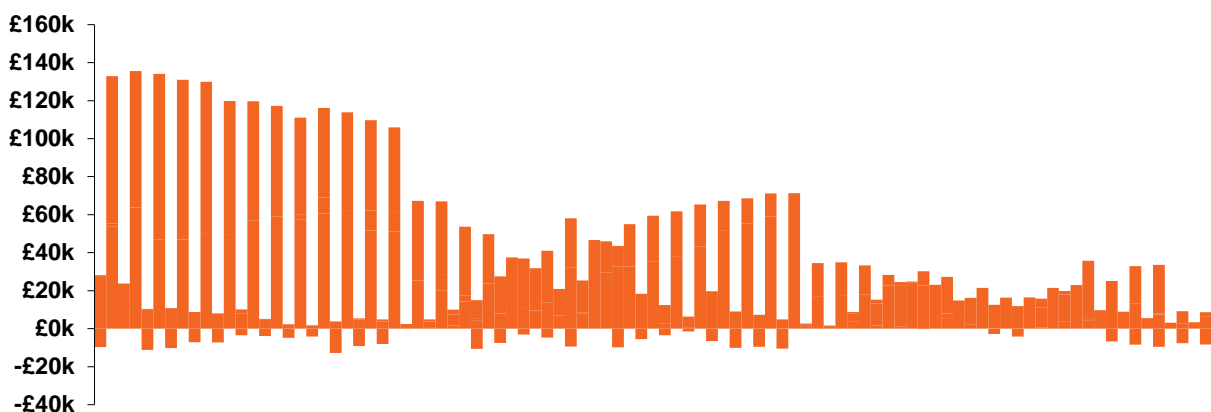
National Electricity Transmission System Status Report
Monday 02 September 2019

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	10210 (SP 17)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

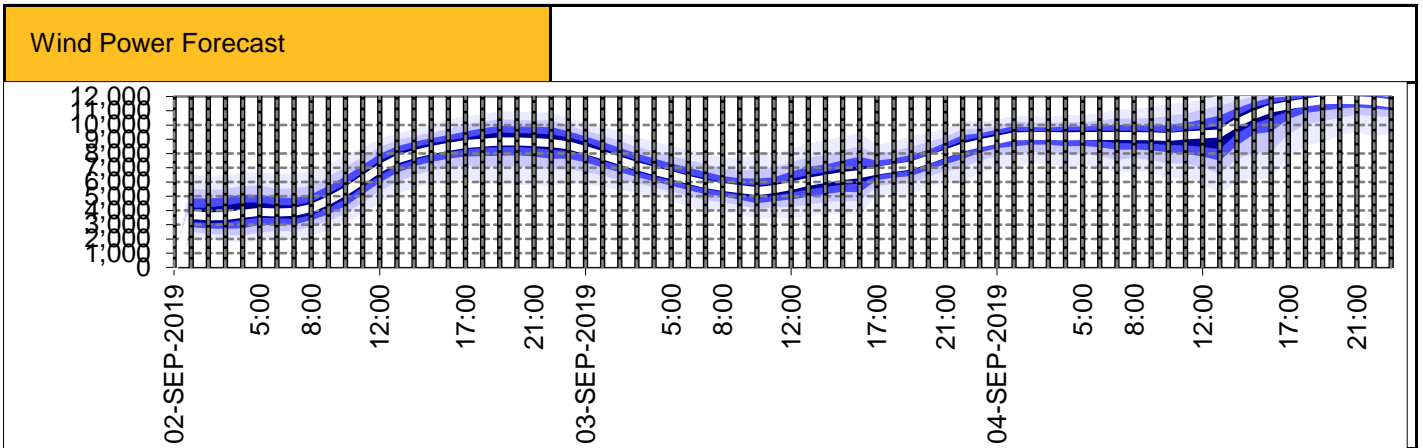
Balancing Costs

Last 24 hours' BM spend Total: £3410k



Yesterday's Market Summary	
Cash out price (Max)	£65.00/MWh (SP 42)
Cash Out Price (Min)	£00.00/MWh (SP 2 & 22)
Peak Demand Yesterday	28,768 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



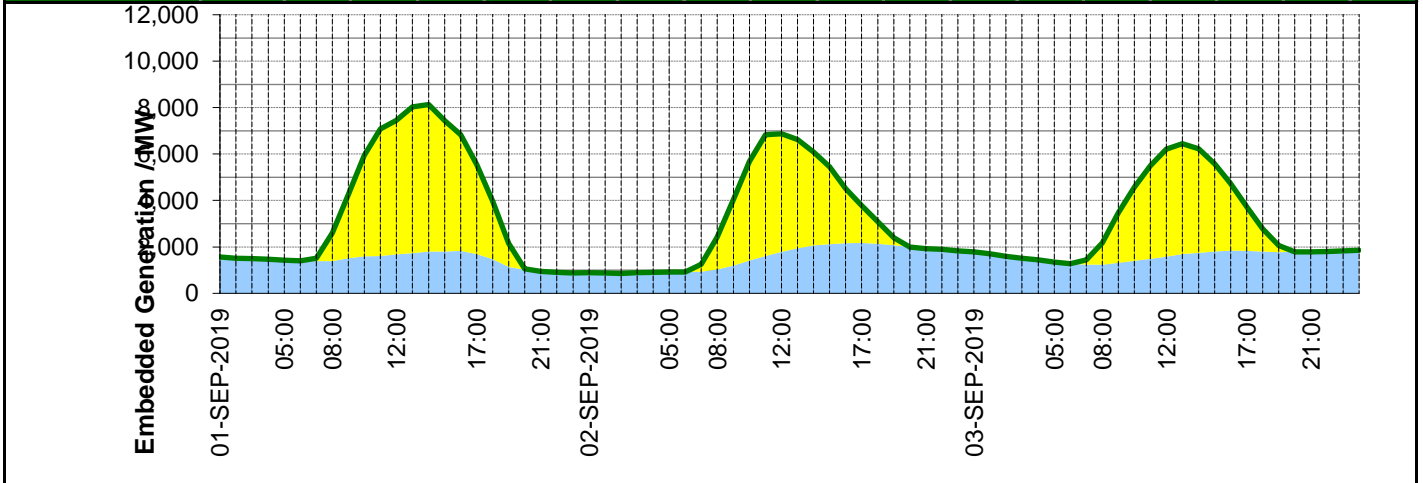
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	01-SEP-2019					02-SEP-2019					03-SEP-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	1210	5780	3870	3	0	0	1379	5079	1614	0	0	0	937	4628	1902	0
Wind (MW)	1423	1386	1677	1685	943	885	916	1034	1788	2173	1920	1780	1348	1237	1577	1828	1792
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1423	2596	7457	5555	946	885	916	2414	6868	3785	1920	1780	1348	2174	6205	3730	1792



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Southern and central parts of England and Wales will start dry with plenty of sunny spells, but become cloudier later. Rain in Scotland, Northern Ireland and northern England will spread eastwards and it will</p> <p>Tonight:</p> <p>The southern half of the UK will stay dry but cloudier and milder than last night. Further rain is likely in Northern Ireland, western Scotland and northwest England</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No warnings</p> <p>Flood Warnings: Wye Estuary at Brockweir, Mersey Estuary at Arpley Bridge, Warrington, North Sea coast at Hornsea, North Sea coast at Easington and Kilnsea, Wye Estuary at Chepstow, Wye Estuary near Tintern, Strath Oykel, Strathglass, Moy Bridge, The River Isla at Coupar Angus,</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