

## **OPTIONS PAPER FOR CONSULTATION: 30 APRIL 2021**

## **OPENING THE GRID TO CHEAPER RENEWABLES** Transmission and access

Large-scale renewables are coming online fast, and transmission networks are struggling to catch up. Our richest wind and solar energy resources are spread far and wide across often remote locations, leading to connection issues, delays and congestion on the grid. We need to put our generation and transmission together in ways that minimise costs so we can continue to get energy to where people need it.

We report back to energy ministers in mid-2021 with final recommendations for a redesigned electricity market.

Have your say: ()

## **PROPOSAL FOR REFORM PATHWAY**



Getting more renewable energy to market as decarbonisation gathers speed

New wind & solar projects current at Jan 2021

5000 10000 15000 20000 25000 30000 35000 40000 MW



This reform is key to help drive consumer costs down. Congestion is emerging across the transmission network preventing the cheapest, greenest combination of energy reaching the market. We want to pay generators the actual value of supplying electricity from the location they're in. This would give new, mainly renewable generators, financial incentives to locate and dispatch in the most efficient parts of the grid - and help more green power get to consumers.

## ISP new REZ hosting capacity to 2029-2030