

Hereford – Ledbury Ring



DNOA Decision

Reinforce with Flexibility

Constraint description

The Hereford 66 kV ring consists of five primary substations and 66 kV connected customers, all fed via two 66 kV circuits from the Hereford Bulk Supply Point (BSP), within Bishops Wood Grid Supply Point (GSP). An outage of one of the infeeds to the ring can cause voltages to drop below statutory limits.

Reinforcement description

Installing a Statcom at Dymock to mitigate the voltage constraint.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

Reinforcement works are being progressed. Flexibility will be utilised as required to manage the constraint in the interim.

Constraint management timeline

- 2024 H1** Procurement
- 2023 H2** Procurement
- 2023 H1** Procurement
- 2022 H2** Procurement
- 2022 H1** Procurement
- 2021 H2** Procurement
- 2021 H1** Procurement
- 2020 H2** Procurement
- 2020 H1** Procurement

Time to Reinforce: 3 years

Constraint Type: Voltage

Estimated flexibility price (£) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£1,252 / 13 MWh	£1,252 / 19 MWh	£1,252 / 34 MWh	£1,085 / 53 MWh	£510 / 112 MWh	£249 / 229 MWh
Utilisation	£1,753 / 13 MWh	£1,753 / 19 MWh	£1,252 / 34 MWh	£1,519 / 53 MWh	£713 / 112 MWh	£349 / 229 MWh



For more information visit: nationalgrid.co.uk/network-flexibility-map-application