

Harbury – Banbury 132 kV



DNOA Decision
Flexibility

Constraint description

Two 132 kV circuits supply both Harbury and Warwick Bulk Supply Points (BSPs) from Berkswell Grid Supply Point (GSP). These two BSPs form an N-2 group. The 33 kV interconnection which is used to support this group for N-2 outages could become overloaded.

Reinforcement description

The current reinforcement solution proposes adding a 132 kV circuit between Harbury and Banbury BSPs. This proposal is under optioneering to ensure it is an enduring and strategic solution.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



Outage Type
N-2

Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H1 Procurement

Time to Reinforce: 3 years

Constraint Type: Thermal

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

	2024	2025	2026	2027	2028	2029
Availability	£41 / 307 MWh	£32 / 2,981 MWh	£10 / 17,291 MWh	£6 / 27,137 MWh	£4 / 40,194 MWh	£3 / 51,563 MWh
Utilisation	£2,459 / 32 MWh	£1,913 / 124 MWh	£581 / 283 MWh	£370 / 442 MWh	£220 / 830 MWh	£158 / 1,196 MWh



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