

Hawton BSP

 DNOA Decision
Flexibility

Constraint description

Hawton Bulk Supply Point (BSP) has two 132/33 kV Grid Transformers (GTs) fed from the Staythorpe Grid Supply Point (GSP) via two 132 kV circuits. For the loss of one of the GTs at Hawton the full demand is supplied by the remaining GT and 132 kV circuit.

Reinforcement description

The current reinforcement proposal is to re-conductor the 132 kV circuits to Hawton BSP and install a third GT.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

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

Constraint management timeline

2024 H2 Procurement

2024 H1 Signposting

2023 H2 Signposting

2023 H1 Signposting

Time to Reinforce: 3 years

Constraint Type: Demand

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	-	-	£40 / MWh	£16 / MWh
	-	-	-	-	106 MWh	428 MWh
Utilisation	-	-	-	-	£2,421 / MWh	£967 / MWh
	-	-	-	-	72 MWh	179 MWh



For more information see the **Staythorpe 132 kV NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>