

# Hawton BSP

 DNOA Decision  
**Signposting**

## 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. Growth projections indicate this demand will overload the remaining GT and circuit in the near future.

## 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/Summer



Flexibility Product  
Secure



Outage Type  
N-1

## Justification for decision

No flexibility requirement under Best View until 2027.

## Constraint management timeline

2024 H1 **Signposting**

2023 H2 Signposting

2023 H1 Signposting

**Time to Reinforce:** 2 years

**Constraint Type:** Thermal

## Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	36 MWh	998 MWh	5,346 MWh	16,970 MWh	40,763 MWh	72,044 MWh	111,890 MWh	162,799 MWh



For more information visit: [nationalgrid.co.uk/network-flexibility-map-application](https://nationalgrid.co.uk/network-flexibility-map-application)