

# Hawton Primary



## Constraint description

Hawton primary has two 33/11 kV transformers. Following an arranged or fault outage on one of the transformers the full site demand is picked up by the other transformer.

## Reinforcement description

Uprating both 33/11 kV transformers at Hawton primary would add significant capacity. It would also require minimal 33 kV circuit works (as Hawton primary is located at the same site as Hawton BSP).



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

**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	£137 / MWh 92 MWh	£50 / MWh 219 MWh	£13 / MWh 805 MWh	£5 / MWh 1,841 MWh	£3 / MWh 3,016 MWh	£1 / MWh 5,581 MWh
Utilisation	£8,228 / MWh 7 MWh	£2,997 / MWh 18 MWh	£797 / MWh 70 MWh	£313 / MWh 180 MWh	£166 / MWh 346 MWh	£81 / MWh 714 MWh



For more information see the **Hawton 33 kV NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>