

Hallcroft Road



DNOA Decision

Reinforce with Flexibility

Constraint description

Hallcroft Road primary has two 33/11 kV transformers. The site's firm capacity is limited by these 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

The current reinforcement plan is to upgrade both 33/11 kV transformers at the site.



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

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	£214 / 74 MWh	£119 / 133 MWh	£55 / 287 MWh	£27 / 580 MWh	£9 / 1,694 MWh	£4 / 3,576 MWh
Utilisation	£299 / 74 MWh	£166 / 133 MWh	£76 / 287 MWh	£37 / 580 MWh	£12 / 1,694 MWh	£5 / 3,576 MWh



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