

# Holme Carr



## Constraint description

Home Carr is a primary substation with a firm capacity of 13 MVA, fed from the Whitwell Bulk Supply Point (BSP). There are two 10 MVA transformers at the site therefore, for an N-1 scenario, the full demand is on a single transformer following the loss of the other. Predicted demand growth is greater than the firm capacity for this site.

## Reinforcement description

The reinforcement plan is to replace both transformers and the 11 kV switchboard at Holme Carr.



Constraint Season  
Winter/Summer



Flexibility Product  
Secure



Outage Type  
N-1

## 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	-	-	£1,252 / 2 MWh	£222 / 105 MWh	£17 / 1,298 MWh	£3 / 5,724 MWh
Utilisation	-	-	£1,753 / 2 MWh	£311 / 105 MWh	£25 / 1,298 MWh	£5 / 5,724 MWh



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