

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 and Summer



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 H2 Procurement

2024 H1 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	£36 / MWh	£34 / MWh	£30 / MWh	£23 / MWh	£14 / MWh	£9 / MWh
	199 MWh	209 MWh	224 MWh	271 MWh	462 MWh	691 MWh
Utilisation	£2,182 / MWh	£2,020 / MWh	£1,822 / MWh	£1,378 / MWh	£822 / MWh	£526 / MWh
	18 MWh	20 MWh	22 MWh	30 MWh	49 MWh	78 MWh



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