

Ashgrove



DNOA Decision

Reinforce with Flexibility

Constraint description

Ashgrove primary substation is supplied by a pair of mismatched 33/11 kV transformers. The loss of the higher rated transformer means the lower rated unit must supply the full demand.

Reinforcement description

The proposed reinforcement solution is to upgrade the transformers and 33 kV switchgear.



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

2023 H2 Procurement

2023 H1 Signposting

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	£ 2 / 8,795 MWh	£ 2 / 9,047 MWh	£ 2 / 9,566 MWh	£ 2 / 10,208 MWh	£ 2 / 11,045 MWh	£ 2 / 11,719 MWh
Utilisation	£ 2 / 8,795 MWh	£ 2 / 9,047 MWh	£ 2 / 9,566 MWh	£ 2 / 10,208 MWh	£ 2 / 11,045 MWh	£ 2 / 11,719 MWh



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