

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

Upgrade the transformers and 33 kV switchgear.



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

2023 H2 Procurement

2023 H1 Signposting

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	£1 / MWh 9,189 MWh	£1 / MWh 25,625 MWh	£1 / MWh 29,116 MWh	£1 / MWh 32,279 MWh	£1 / MWh 34,750 MWh	£1 / MWh 37,149 MWh
Utilisation	£20 / MWh 2,522 MWh	£7 / MWh 7,180 MWh	£6 / MWh 8,387 MWh	£5 / MWh 9,534 MWh	£5 / MWh 10,459 MWh	£4 / MWh 11,374 MWh



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