

Gunnislake



DNOA Decision

Reinforce with Flexibility

Constraint description

Gunnislake is a two transformer 33/11 kV substation limited by the ratings of its transformers. In an N-1 scenario for the loss of one of the transformers, the other can be overloaded.

Reinforcement description

Upgrading both the primary transformers.



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 Procurement
2022 H2 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 / 4 MWh	£ 1,252 / 5 MWh	£ 1,252 / 11 MWh	£ 1,252 / 23 MWh	£ 1,252 / 44 MWh	£ 1,252 / 80 MWh
Utilisation	£ 1,753 / 4 MWh	£ 1,753 / 5 MWh	£ 1,753 / 11 MWh	£ 1,753 / 23 MWh	£ 1,753 / 44 MWh	£ 1,753 / 80 MWh



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