

Tiverton

Constraint description

For an N-1 outage of either Grid Transformer, the winter peak demands exceed the nameplate rating of the remaining GT.

Reinforcement description

Upgrading both Grid Transformers.



Constraint Season
Winter



Flexibility Product
Dynamic



Outage Type
N-1



DNOA Decision

Reinforce with Flexibility

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
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement
2020 H2 Procurement
2020 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	£ 11 / 1,775 MWh	£ 9 / 2,745 MWh	£ 7 / 4,203 MWh	£ 2 / 17,892 MWh	£ 1 / 21,341 MWh	£ 1 / 27,458 MWh
Utilisation	£ 633 / 75 MWh	£ 522 / 80 MWh	£ 409 / 90 MWh	£ 101 / 335 MWh	£ 87 / 381 MWh	£ 74 / 422 MWh



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