

Exeter City



DNOA Decision

Reinforce with Flexibility

Constraint description

An N-1 constraint for the loss of one of the 132/33 kV Grid Transformers (GTs) (which are limited to their nameplate ratings), results in an overload of the remaining transformer.

Reinforcement description

Installing a third GT or a new Bulk Supply Point (BSP) at Matford.



Constraint Season
Winter



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 Maintain Active

2022 H1 Maintain Active

2021 H2 Maintain Active

2021 H1 Maintain Active

2020 H2 Procurement

2020 H1 Procurement

2019 H2 Procurement

2019 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	£ 1,252 / 1 MWh	£ 1,252 / 2 MWh	£ 1,252 / 3 MWh	£ 1,252 / 7 MWh	£ 1,252 / 17 MWh	£ 1,252 / 40 MWh
Utilisation	£ 1,753 / 1 MWh	£ 1,753 / 2 MWh	£ 1,753 / 3 MWh	£ 1,753 / 7 MWh	£ 1,753 / 17 MWh	£ 1,753 / 40 MWh



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