

Manton

Constraint description

Manton primary is fed via two transformers, which are currently limiting the firm capacity of the site. Under an N-1 condition (loss of one transformer) the load would be fully applied to the remaining transformer.

Reinforcement description

The reinforcement proposal was to install 33 kV switchgear, and upgrade transformers to 20/40 MVA units.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1



DNOA Decision

Remove

Justification for decision

Reinforcement works have been completed, resolving this constraint.

Constraint management timeline

2024 H1 **None**
2023 H2 Procurement
2023 H1 Procurement
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement

Time to Reinforce: N/A

Constraint Type: Voltage

Estimated flexibility price (£) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	-	-	-	-	-	-
Utilisation	-	-	-	-	-	-



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