

Clowne

Constraint description

Clowne 33/11 kV was a single transformer primary limited by the surrounding 11 kV backfeeds.

Reinforcement description

The reinforcement solution was to install a second 33/11 kV transformer supplied by the Whitwell – Shirebrook/Bolsover/Clowne 33 kV circuit, along with a new 11 kV switchboard, and improving the 33 kV feeding arrangement by installing a 33 kV ring main unit.



Constraint Season
Winter



Flexibility Product
Dynamic



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 Maintain Active
2023 H1 Maintain Active
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement
2020 H2 Procurement
2020 H1 Procurement

Time to Reinforce: N/A

Constraint Type: Security of Supply

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