

Tiverton to Bridge Mills and Cullompton Circuits

Constraint description

Bridge Mills and Cullompton primaries are fed from Tiverton Bulk Supply Point (BSP) via a 33 kV ring, with connected 33 kV customers. An outage of one of the infeeds to the ring subsequently leads to low voltage on the 33 kV circuits.

Reinforcement description

Installing a new 33 kV cable circuit on one side of the ring to boost the voltage.



Constraint Season
Winter



Flexibility Product
Secure



Outage Type
N-1



DNOA Decision
Flexibility

Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H1 Procurement

Time to Reinforce: 2 years

Constraint Type: Voltage

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	-	£ 1,252 / 0.04 MWh	£ 1,252 / 1 MWh	£ 1,252 / 6 MWh
Utilisation	-	-	-	£ 1,753 / 0.04 MWh	£ 1,753 / 1 MWh	£ 1,753 / 6 MWh



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