

Feeder Road to Bedminster and Bower Ashton Circuit

Constraint description

The following N-2 scenario: Feeder Road to Bedminster T1 (arranged) and Feeder Road to Bedminster T2 (fault), results in an overload on the Feeder Road to Bedminster / Bower Ashton 33 kV circuit.

Reinforcement description

Installing a 33 kV cable circuit to Bedminster / Bower Ashton tee (to remove the tee connection).



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



Outage Type
N-2



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

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	£ 2 / 5,937 MWh	£ 2 / 5,803 MWh	£ 2 / 6,619 MWh	£ 1 / 9,474 MWh	£ 1 / 12,404 MWh	£ 1 / 16,444 MWh
Utilisation	£ 147 / 98 MWh	£ 150 / 96 MWh	£ 130 / 112 MWh	£ 83 / 183 MWh	£ 64 / 237 MWh	£ 50 / 283 MWh



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