

Morwenstow



DNOA Decision

Reinforce with Flexibility

Constraint description

Morwenstow primary is a single 33/11 kV transformer site with firm capacity reliant on 11 kV interconnection. The capacity is expected to be exceeded for an outage of the transformer.

Reinforcement description

Installing a second primary transformer and new 33 kV circuit to the site.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



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 Procurement

Time to Reinforce: 3 years

Constraint Type: Security of supply

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

	2024	2025	2026	2027	2028	2029
Availability	£ 17 / 3,626 MWh	£ 17 / 3,619 MWh	£ 17 / 3,514 MWh	£ 17 / 3,390 MWh	£ 18 / 3,342 MWh	£ 18 / 3,279 MWh
Utilisation	£ 1,018 / 18 MWh	£ 1,031 / 18 MWh	£ 1,039 / 18 MWh	£ 1,049 / 17 MWh	£ 1,054 / 17 MWh	£ 1,060 / 17 MWh



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