

Edgarley Primary



DNOA Decision

Reinforce with Flexibility

Constraint description

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

Reinforcement description

Installing a second primary transformer, two additional 33 kV Circuit Breakers (CBs), and extending the 11 kV board.



Constraint Season
Winter



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 H2 Procurement

2024 H1 Procurement

Time to Reinforce: 3 years

Constraint Type: Demand

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

	2024	2025	2026	2027	2028	2029
Availability	£150 / MWh 14 MWh	£150 / MWh 4 MWh	£150 / MWh 4 MWh	£150 / MWh 3 MWh	£150 / MWh 3 MWh	£150 / MWh 4 MWh
Utilisation	£9,000 / MWh 0.2 MWh	£9,000 / MWh 0.07 MWh	£9,000 / MWh 0.05 MWh	£9,000 / MWh 0.03 MWh	£9,000 / MWh 0.04 MWh	£9,000 / MWh 0.05 MWh



For more information see the **Street BSP NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>