

Shapwick

Constraint description

Shapwick 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 infeed to the site.



Constraint Season
Winter



Flexibility Product
Secure



Outage Type
N-1



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: Security of supply

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

	2024	2025	2026	2027	2028	2029
Availability	£ 1,252 / 0.1 MWh	£ 1,252 / 0.4 MWh	£ 1,252 / 2 MWh	£ 1,252 / 8 MWh	£ 1,239 / 21 MWh	£ 528 / 49 MWh
Utilisation	£ 1,753 / 0.1 MWh	£ 1,753 / 0.4 MWh	£ 1,753 / 2 MWh	£ 1,753 / 8 MWh	£ 1,734 / 21 MWh	£ 750 / 49 MWh



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