

Core Hill Primary



DNOA Decision

Reinforce with Flexibility

Constraint description

Core Hill primary is a two transformer primary. In an N-1 outage for the loss of one of the transformers, the remaining transformer will be overloaded in the future.

Reinforcement description

Replace both transformers in conjunction with an asset replacement scheme with larger units.



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 Signposting

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 51 MWh	£11 / MWh 646 MWh	£2 / MWh 3,426 MWh	£2 / MWh 3,340 MWh	£2 / MWh 3,305 MWh	£2 / MWh 3,258 MWh
Utilisation	£9,000 / MWh 1 MWh	£663 / MWh 88 MWh	£118 / MWh 495 MWh	£122 / MWh 482 MWh	£123 / MWh 475 MWh	£125 / MWh 468 MWh



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