

# Camborne Treswithian



DNOA Decision

**Reinforce with Flexibility**

## Constraint description

Camborne Treswithian is a single 33/11 kV primary substation. The site's primary transformer is rated 5 MVA, and the backfeed capacity is 7.5 MVA. The constraint is where peak demand is exceeding the primary transformer capacity.

## Reinforcement description

Proposal is to add second transformer and new switchboard.



Constraint Season  
Winter and Summer



Outage Type  
Intact



## 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

2023 H2 Procurement

2023 H1 Procurement

**Time to Reinforce:** 2 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 1 MWh	£150 / MWh 1 MWh	£150 / MWh 0.1 MWh	- -	- -	- -
Utilisation	£9,000 / MWh 0.2 MWh	£9,000 / MWh 0.1 MWh	£9,000 / MWh 0.1 MWh	- -	- -	- -



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