

Tavistock Primary



Constraint description

Tavistock primary is a two transformer primary. In an N-1 outage for the loss of one of the transformers, the remaining transformer will become overloaded.

Reinforcement description

Install forced cooling or replace both transformers at Tavistock.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H2 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	£32 / MWh	£33 / MWh	£25 / MWh	£20 / MWh	£4 / MWh	£4 / MWh
	269 MWh	265 MWh	301 MWh	334 MWh	991 MWh	1,154 MWh
Utilisation	£1,942 / MWh	£2,006 / MWh	£1,512 / MWh	£1,201 / MWh	£259 / MWh	£224 / MWh
	20 MWh	19 MWh	26 MWh	34 MWh	163 MWh	189 MWh



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