

Truro – Truro Treyew



DNOA Decision

Reinforce with Flexibility

Scheme description

For an SCO condition (or a 33 kV busbar fault) a potential overload occurs on the Truro - Truro to Treyew Road 33 kV circuit following connection of additional demand at Willow Green/Langarth. This condition exists irrespective of the Truro 33 kV network being run in parallel with GT1 at Fraddon. The conventional reinforcement solution is to carry out 33 kV circuit works.



Constraint Season
Summer



Flexibility Product
Dynamic

Constraint management timeline

2023 H1 Procurement
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement
2020 H2 Signposting

EPRC: 2024

Estimated flex availability price (£) and volumes (MWh) per year :

	2023	2024	2025	2026	2027
BV	£ 12 / 1573 MWh	£ 5 / 3518 MWh			
CT	–	£ 7 / 2677 MWh			
LTW	–	£ 5 / 3518 MWh			
ST	–	£ 8 / 2161 MWh			
SP	–	£ 10 / 1802 MWh			

Estimated flex utilisation price (£) and volumes (MWh) per year:

	2023	2024	2025	2026	2027
BV	£ 740 / 35 MWh	£ 304 / 65 MWh			
CT	–	£ 411 / 47 MWh			
LTW	–	£ 304 / 65 MWh			
ST	–	£ 507 / 39 MWh			
SP	–	£ 581 / 35 MWh			



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