

Camborne to St Agnes to Perranporth to Truro

 DNOA Decision
Signposting

Constraint description

St Agnes and Perranporth primary substations are fed via two 33 kV circuits: Truro to Perranporth (normal running) and Camborne to At Agnes (backfeed). For an outage of either, the remaining in-service circuit is expected to pick up the demand, with potential overload.

Reinforcement description

Upgrading these 33 kV circuits.



Constraint Season
Winter



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2030.

Constraint management timeline

2024 H1 **Signposting**

Time to Reinforce: 2 years

Constraint Type: Thermal

Estimated flex utilisation required per year (MWh):

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	0.2 MWh	23 MWh	196 MWh	1,034 MWh	2,606 MWh



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