

Abham to Totnes Tee



DNOA Decision

Reinforce with Flexibility

Constraint description

The 132 kV cable circuits between Abham GSP & Totnes Tee become overloaded under N-2 outage conditions.

Reinforcement description

Removal of the Totnes Tee by laying additional 132 kV cable circuits between Abham GSP and Totnes tee along with adopting a split 132 kV network between Abham & Landulph GSPs.



Constraint Season
Winter and Summer



Outage Type
N-2

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

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	£42 / MWh	£33 / MWh	£27 / MWh
	-	327 MWh	2,309 MWh	2,962 MWh	3,976 MWh	5,743 MWh
Utilisation	-	£9,000 / MWh	£3,078 / MWh	£2,497 / MWh	£1,991 / MWh	£1,618 / MWh
	-	22 MWh	178 MWh	249 MWh	366 MWh	534 MWh



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