

# Totnes Primary



DNOA Decision

**Signposting**

## Constraint description

A 33 kV busbar fault at Totnes BSP causes an overload on a 33/11 kV transformer at Totnes initially due to the reverse power flow through the 11 kV busbar and 33/11 kV transformer.

## Reinforcement description

Feed Marldon from Paignton BSP or install a '1S0' 33 kV bus-section circuit breaker at Totnes 33/11 kV to prevent reverse flow through 11 kV busbar. Review the rating of the 33/11 kV transformers and replace with larger units when demand exceed rating.



Constraint Season  
Winter and Summer



Outage Type  
N-1

## Justification for decision

No flexibility requirement under Best View until 2031.

## Constraint management timeline

2024 H2 Signposting

**Time to Reinforce:** 3 years

**Constraint Type:** Demand

## Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	-	1 MWh	18 MWh	85 MWh	256 MWh



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