

# Cairns Road Primary



DNOA Decision  
**Signposting**

## Constraint description

Cairns Road primary has four transformers, run split to have 2x2 transformer sections. For the loss of a transformer under this arrangement the remaining transformer overloads.

## Reinforcement description

Transfer demand to other primaries, such as Stoke Bishop, with 11 kV reinforcement.



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
-	-	-	-	-	-	-	0.4 MWh	3 MWh	10 MWh	31 MWh



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