

# Keynsham East



DNOA Decision  
**Flexibility**

## Constraint description

Keynsham East primary is a two transformer primary, with the firm capacity being limited by the T1 transformer. An N-1 fault for the loss of the T2 transformer means the whole load must be supplied by T1.

## Reinforcement description

The proposed reinforcement is to replace the T1 transformer with a 7.5/15 MVA unit.



Constraint Season  
Winter/Summer



Flexibility Product  
Secure



Outage Type  
N-1



## Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

## Constraint management timeline

2024 H1 Procurement

**Time to Reinforce:** 3 years

**Constraint Type:** Thermal

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	£ 1252 / 3 MWh	£ 29 / 214 MWh	£ 7 / 867 MWh	£ 2 / 2877 MWh
Utilisation	-	-	£ 1753 / 3 MWh	£ 41 / 214 MWh	£ 9 / 867 MWh	£ 2 / 2877 MWh



For more information visit: [nationalgrid.co.uk/network-flexibility-map-application](https://nationalgrid.co.uk/network-flexibility-map-application)