

# Tuxford

 DNOA Decision  
**Remove**

## Constraint description

Tuxford is a single transformer primary site. An N-1 condition for the loss of the transformer means the demand has to be restored on the 11 kV backfeeds.

## Reinforcement description

The current reinforcement proposal is to install a second primary transformer at Tuxford and create a second 33 kV infeed.



Constraint Season  
Winter and Summer



Outage Type  
N-1

## Justification for decision

Generation constraints have also been identified in the area. Demand turn down or generation turn up flexibility could exacerbate this constraint.

## Constraint management timeline

- 2024 H2 None
- 2024 H1 Maintain Active
- 2023 H2 Procurement
- 2023 H1 Procurement

**Time to Reinforce:** 3 years

**Constraint Type:** Demand and Generation

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	-	-	-	-
Utilisation	-	-	-	-	-	-



For more information see the **Checkerhouse 33 kV NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>