

# Stokenham



## Scheme description

Stokenham is a 33/11 kV single transformer site with restricted FCO restoration capacity. The capacity under an outage is limited by the 11 kV backfeeds to neighbouring substations. The proposed reinforcement is to install a second transformer and a new 33 kV infeed to Stokenham.



Constraint Season  
Winter



Flexibility Product  
Secure

## Justification for decision

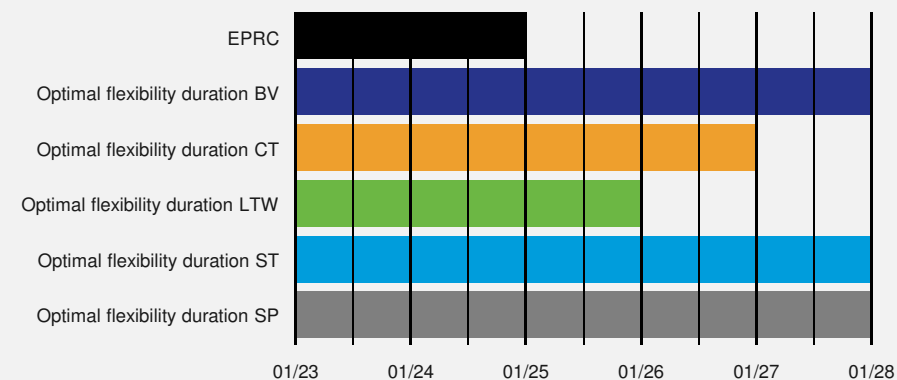
Flexibility is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2027 under Best View.

## Constraint management timeline

- 2023 H1 **Maintain Active**
- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Signposting
- 2021 H1 Signposting
- 2020 H2 Procurement
- 2020 H1 Procurement

## Estimated flex utilisation required per year (MWh):

	2023	2024	2025	2026	2027
<b>BV</b>	13.64	14.89	16.02	19.35	22.38
<b>CT</b>	–	5.65	3.22	56.97	
<b>LTW</b>	–	30.07	35.49		
<b>ST</b>	–	14.89	16.02	19.35	22.38
<b>SP</b>	–	15.72	16.94	63.84	146.26



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