

# Trevaughan



DNOA Decision

**Reinforce with Flexibility**

## Scheme description

Trevaughan Primary is a 33/11 kV substation with two transformers. A fault on one of these transformers could overload the remaining in service transformer.

Proposed reinforcement is to build a new primary substation and shift load away from Trevaughan.



Constraint Season  
**Winter**



Flexibility Product  
**Secure**



## Justification for decision

Reinforcement scheduled to be completed in 2023. Flexibility procurement is ongoing to deal with the constraint in the interim and provide additional network security.

## Constraint management timeline

**2022 H2 Procurement**

**2022 H1 Procurement**

**2021 H2 Procurement**

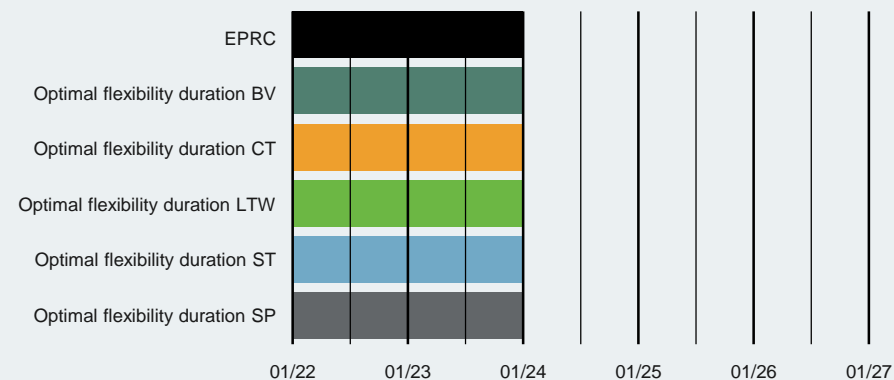
**2021 H1 Procurement**

**2020 H2 Procurement**

**2020 H1 Procurement**

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

	2022	2023	2024	2025	2026
<b>BV</b>	104.68	240.84			
<b>CT</b>	158.87	361.89			
<b>LTW</b>	167.27	380.98			
<b>ST</b>	86.64	176.27			
<b>SP</b>	63.59	133.42			



For more information visit: [www.westernpower.co.uk/network-flexibility-map-application](http://www.westernpower.co.uk/network-flexibility-map-application)