


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.

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



Constraint Season
Winter



Flexibility Product
Secure



Justification for decision

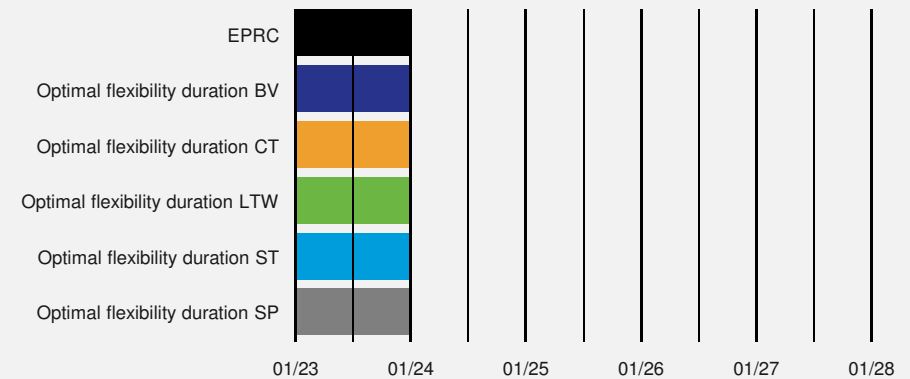
Reinforcement scheduled to be completed in 2023. Current flexibility contracts are being kept active to deal with the constraint in the interim and provide additional network security.

Constraint management timeline

- 2023 H1** Maintain Active
- 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):

	2023	2024	2025	2026	2027
BV	103.99				
CT	–				
LTW	–				
ST	–				
SP	–				



For more information visit: nationalgrid.co.uk/network-flexibility-map-application