

Union Street – Rugby



Scheme description

Union Street primary has two 33/11kV transformers. For an FCO on one of these transformers the other is left supplying the full demand. This substation has been identified as being at its limit for firm capacity.



Constraint Season
Winter



Flexibility Product
Secure

Justification for decision

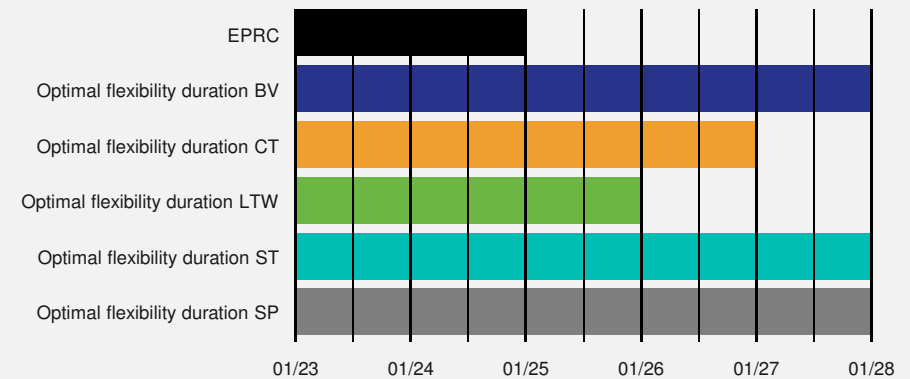
Flexibility is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2027 under Best View and 2025 under all scenarios.

Constraint management timeline

- 2023 H1 **Maintain Active**
- 2022 H2 Maintain Active
- 2022 H1 Maintain Active
- 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	15.63	15.25	15.19	24.08	39.86
CT	–	76.33	134.60	353.92	
LTW	–	181.96	366.15		
ST	–	23.78	29.99	43.40	66.63
SP	–	15.25	15.19	24.08	39.86



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