

Bridgwater/Street


DNOA Decision
Reinforce with Flexibility

Scheme description

Overload on GT1 & GT2 at Bridgwater Grid 132/33 kV substation. The Bridgwater/Street 132/33 kV network runs in parallel. The group demand exceed 100 MW which means there is a P2 SCO requirement. Conventional reinforcement solution is to install a fourth GT at Bridgwater. Will also require some 132 kV re-arrangement for bar fault risk.



Constraint Season
Summer



Flexibility Product
Dynamic



Justification for decision

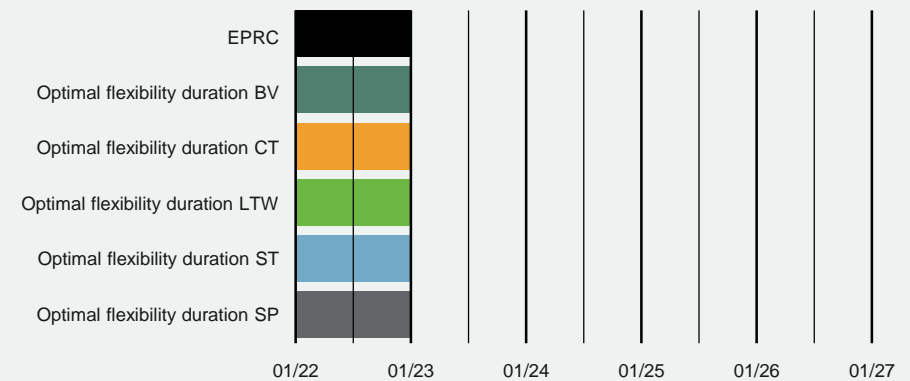
Reinforcement scheduled to be completed in 2022. Flexibility procurement is ongoing to deal with the constraint in the interim and provide additional network security.

Constraint management timeline

- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Maintain Active
- 2021 H1 Maintain Active
- 2020 H2 Procurement
- 2020 H1 Procurement
- 2019 H2 Procurement
- 2019 H1 Procurement

Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
BV	144.82				
CT	170.98				
LTW	176.47				
ST	121.84				
SP	99.78				



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