

Feckenham South


DNOA Decision
Reinforce with Flexibility

Scheme description

The Feckenham South 66 kV network supplies several Primary substations and is quite meshed. Due to long feeder distances and network loads, voltages could drop to below statutory limits following a FCO. The conventional reinforcement solution requires establishing a 132/66 kV compound at Banbury, installing a 132/66 kV transformer and a 66 kV cable circuit from Banbury to Bloxham Primary, and a new 2 switch crossbar at Bloxham.



Constraint Season
Winter



Flexibility Product
Dynamic



Justification for decision

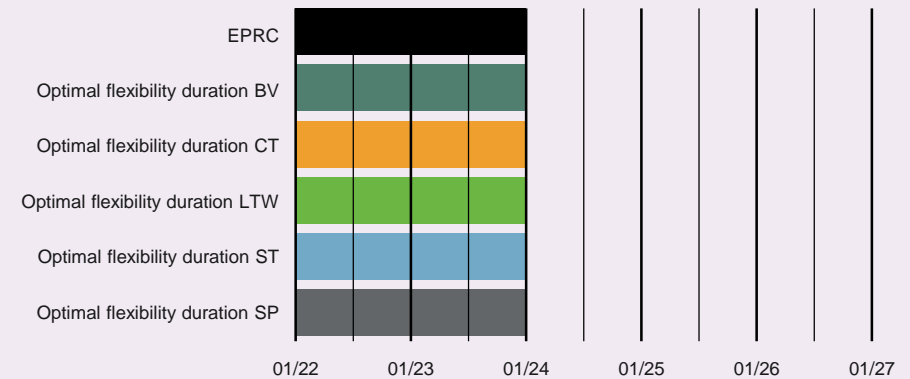
Reinforcement scheduled to be completed in 2023. Flexibility procurement is ongoing to deal with the constraint in the interim and provide additional network security.

Constraint management timeline

2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement

Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
BV	231.92	355.99			
CT	267.97	432.52			
LTW	264.92	424.37			
ST	212.66	331.34			
SP	197.16	297.80			



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