

Witheridge



Scheme description

Witheridge is a single transformer Primary which is limited for FCO capacity by 11 kV backfeeds. Reinforcement solution is to install a second 33 kV circuit and additional 33/11 kV transformer.



Constraint Season
Winter/Summer



Flexibility Product
Secure

Justification for decision

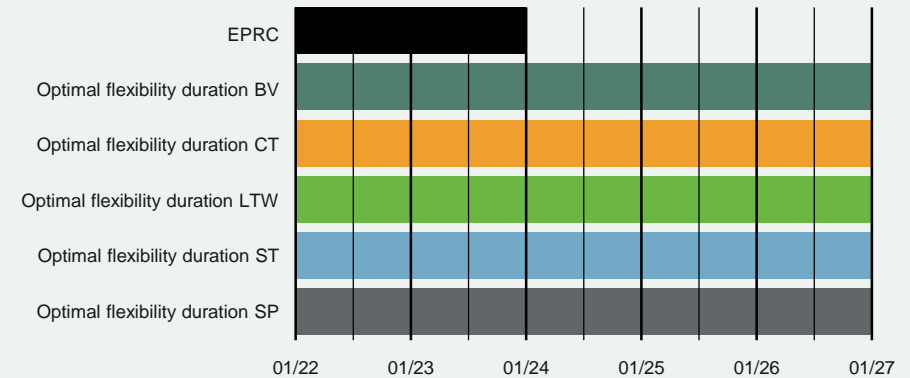
Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under all scenarios.

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
BV	8.76	12.05	16.55	23.42	38.27
CT	13.58	23.79	39.42	68.74	130.44
LTW	12.22	22.16	39.54	72.32	142.67
ST	7.15	7.71	8.54	9.59	12.59
SP	4.98	5.04	4.71	4.31	3.97



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