

Woodbeck



Scheme description

Woodbeck Primary is a single transformer site with a firm capacity limited by its 11 kV backfeeds. The proposed reinforcement is to install a second 33 kV circuit to Woodbeck which will be initially run at 11 kV to increase the backfeed capacity, and then install a second 33/11 kV transformer and run the new circuit at 33 kV at a later point.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic

Justification for decision

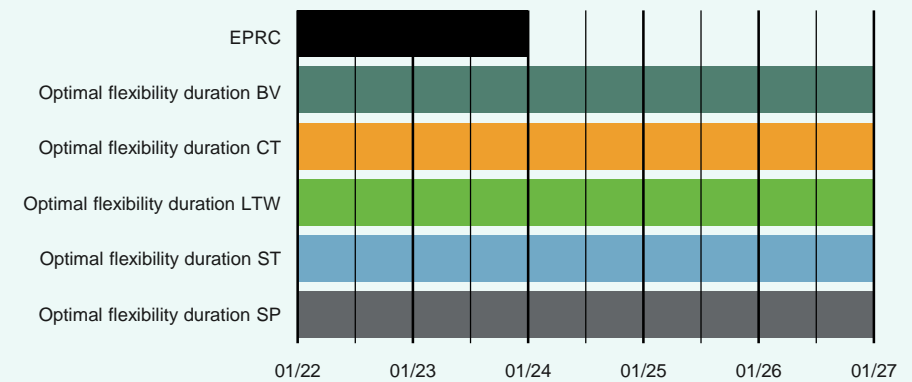
Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under all scenarios.

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	18.77	19.92	21.49	22.65	25.95
CT	19.23	21.14	22.55	25.38	29.37
LTW	19.32	21.31	22.69	25.70	29.64
ST	17.53	18.20	18.72	19.35	20.22
SP	16.72	17.19	17.61	17.91	18.23



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