

Chewton Mendip



Scheme description

Chewton Mendip is a single transformer primary with a firm capacity limited both by the 11 kV backfeeds and by the rating of its transformer under intact running conditions. Proposed reinforcement is to install a second 33 kV infeed and transformer at Chewton Mendip.



Constraint Season
Winter



Flexibility Product
Secure

Justification for decision

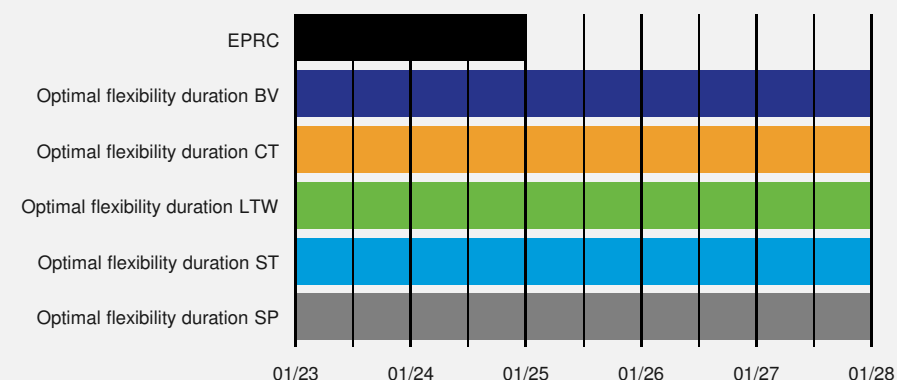
Flexibility is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2027 under all scenarios.

Constraint management timeline

2023 H1 **Maintain Active**
2022 H2 Procurement

Estimated flex utilisation required per year (MWh):

| | 2023 | 2024 | 2025 | 2026 | 2027 |
|------------|------|------|------|-------|-------|
| BV | 4.79 | 3.52 | 6.45 | 7.03 | 8.56 |
| CT | – | 3.35 | 6.80 | 8.26 | 11.14 |
| LTW | – | 4.02 | 9.79 | 13.98 | 19.95 |
| ST | – | 3.43 | 7.33 | 6.17 | 5.61 |
| SP | – | 3.42 | 6.69 | 7.03 | 7.49 |



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