

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. Demand projections forecast the firm capacity of the site will be exceeded in the near future. Proposed reinforcement is to install a second 33 kV infeed and transformer at Chewton Mendip.



Constraint Season
Winter



Flexibility Product
Secure

Justification for decision

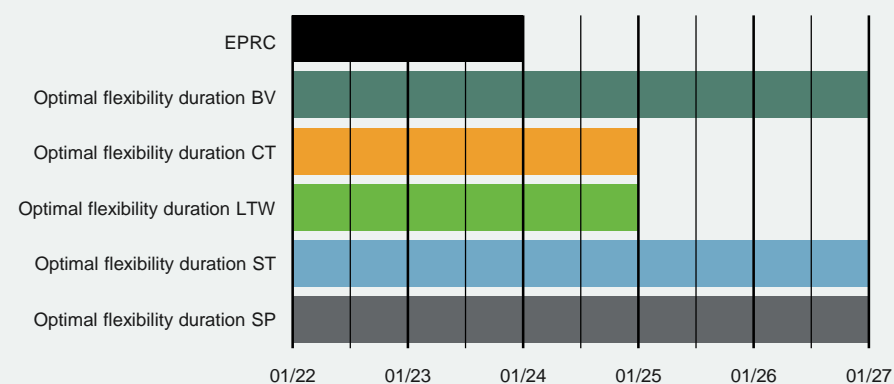
Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under WPD Best View and 2024 under all scenarios.

Constraint management timeline

2022 H2 Procurement

Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
BV	5.05	21.88	30.61	44.46	75.72
CT	8.96	44.81	77.52		
LTW	7.98	41.18	77.47		
ST	3.90	13.91	15.32	17.25	22.98
SP	2.57	9.50	8.92	8.21	7.60



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