

# Sharnbrook



## Scheme description

Sharnbrook Primary is a single transformer site limited by its 11 kV backfeed capacity. The proposed reinforcement is to install a second 33/11 kV transformer at Sharnbrook, along with a new 33 kV feeder circuit.



Constraint Season  
Winter



Flexibility Product  
Dynamic

## Justification for decision

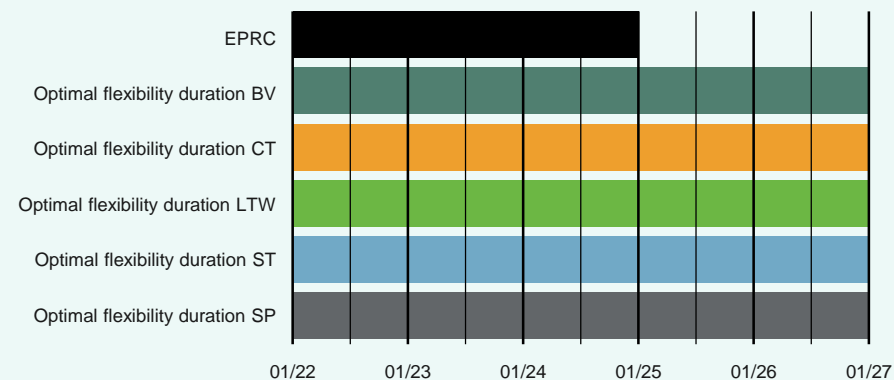
Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under all scenarios.

## Constraint management timeline

2022 H2 Procurement

## Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
<b>BV</b>	112.77	120.88	127.31	130.96	141.96
<b>CT</b>	116.71	125.65	130.82	140.11	155.74
<b>LTW</b>	118.43	127.16	131.44	141.25	157.10
<b>ST</b>	106.10	109.81	113.83	115.05	121.06
<b>SP</b>	103.78	105.97	106.70	107.42	109.94



For more information visit: [www.westernpower.co.uk/network-flexibility-map-application](http://www.westernpower.co.uk/network-flexibility-map-application)