

Sharnbrook



DNOA Decision

Reinforce with Flexibility

Scheme description

Sharnbrook primary is a single transformer site limited by its 11 kV backfeed capacity. The reinforcement solution 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

Constraint management timeline

2023 H1 Procurement

2022 H2 Procurement

EPRC: 2025

Estimated flex availability price (£) and volumes (MWh) per year :

	2023	2024	2025	2026	2027
BV	£ 51 / 40 MWh	£ 63 / 117 MWh	£ 103 / 214 MWh		
CT	–	£ 65 / 107 MWh	£ 124 / 288 MWh		
LTW	–	£ 123 / 261 MWh	£ 145 / 449 MWh		
ST	–	£ 55 / 32 MWh	£ 69 / 76 MWh		
SP	–	£ 40 / 9 MWh	£ 45 / 20 MWh		

Estimated flex utilisation price (£) and volumes (MWh) per year:

	2023	2024	2025	2026	2027
BV	£ 3047 / 3 MWh	£ 3809 / 7 MWh	£ 6170 / 7 MWh		
CT	–	£ 3898 / 6 MWh	£ 7450 / 7 MWh		
LTW	–	£ 7373 / 6 MWh	£ 8718 / 8 MWh		
ST	–	£ 3299 / 2 MWh	£ 4147 / 4 MWh		
SP	–	£ 2416 / 1 MWh	£ 2727 / 2 MWh		



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