

Tuxford



DNOA Decision
Flexibility

Scheme description

Tuxford is a 33/11 kV single transformer primary. Its firm capacity is limited by its 11 kV backfeed capacity. The conventional reinforcement solution is to install a second 33/11 kV transformer at the site. The 11 kV switchboard will also be replaced.



Constraint Season
Winter



Flexibility Product
Secure

Constraint management timeline
2023 H1 Procurement

EPRC: 2025

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

	2023	2024	2025	2026	2027
BV	£ 1252 / <1 MWh	£ 1252 / 5 MWh	£ 287 / 36 MWh	£ 69 / 148 MWh	£ 26 / 388 MWh
CT	–	£ 1252 / 5 MWh	£ 289 / 36 MWh	£ 69 / 147 MWh	£ 26 / 384 MWh
LTW	–	£ 712 / 14 MWh	£ 63 / 161 MWh	£ 18 / 546 MWh	£ 7 / 1417 MWh
ST	–	£ 1252 / 7 MWh	£ 351 / 29 MWh	£ 112 / 92 MWh	£ 46 / 218 MWh
SP	–	£ 1252 / 3 MWh	£ 595 / 17 MWh	£ 171 / 60 MWh	£ 63 / 160 MWh

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

	2023	2024	2025	2026	2027
BV	£ 1753 / <1 MWh	£ 1753 / 5 MWh	£ 403 / 36 MWh	£ 96 / 148 MWh	£ 36 / 388 MWh
CT	–	£ 1753 / 5 MWh	£ 405 / 36 MWh	£ 97 / 147 MWh	£ 37 / 384 MWh
LTW	–	£ 997 / 14 MWh	£ 89 / 161 MWh	£ 26 / 546 MWh	£ 9 / 1417 MWh
ST	–	£ 1753 / 7 MWh	£ 492 / 29 MWh	£ 156 / 92 MWh	£ 65 / 218 MWh
SP	–	£ 1753 / 3 MWh	£ 833 / 17 MWh	£ 240 / 60 MWh	£ 89 / 160 MWh



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