

Woodbeck



DNOA Decision
Flexibility

Scheme description

Woodbeck primary is a single transformer site with a firm capacity limited by its 11 kV backfeeds. The proposed reinforcement is to install a second 33 kV circuit to Woodbeck which will be initially run at 11 kV to increase the backfeed capacity, and then install a second 33/11 kV transformer and run the new circuit at 33 kV at a later point.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



Constraint management timeline

2023 H1 Procurement
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement
2020 H2 Procurement
2020 H1 Procurement

EPRC: 2025

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

	2023	2024	2025	2026	2027
BV	£ 117 / 231 MWh	£ 118 / 228 MWh	£ 118 / 226 MWh	£ 103 / 422 MWh	£ 82 / 563 MWh
CT	–	£ 118 / 228 MWh	£ 118 / 226 MWh	£ 103 / 422 MWh	£ 82 / 563 MWh
LTW	–	£ 121 / 258 MWh	£ 121 / 267 MWh	£ 87 / 519 MWh	£ 64 / 770 MWh
ST	–	£ 117 / 233 MWh	£ 117 / 231 MWh	£ 117 / 232 MWh	£ 119 / 239 MWh
SP	–	£ 118 / 222 MWh	£ 113 / 214 MWh	£ 121 / 319 MWh	£ 99 / 446 MWh

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

	2023	2024	2025	2026	2027
BV	£ 7029 / 6 MWh	£ 7056 / 6 MWh	£ 7070 / 6 MWh	£ 6204 / 7 MWh	£ 4913 / 8 MWh
CT	–	£ 7056 / 6 MWh	£ 7070 / 6 MWh	£ 6204 / 7 MWh	£ 4913 / 8 MWh
LTW	–	£ 7249 / 6 MWh	£ 7275 / 7 MWh	£ 5196 / 8 MWh	£ 3851 / 9 MWh
ST	–	£ 7016 / 6 MWh	£ 7034 / 6 MWh	£ 7021 / 6 MWh	£ 7112 / 6 MWh
SP	–	£ 7093 / 6 MWh	£ 6803 / 6 MWh	£ 7287 / 6 MWh	£ 5940 / 7 MWh



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