

Grassmoor



DNOA Decision
Flexibility

Scheme description

Grassmoor 33/11 kV primary substation has limited capacity for a FCO. Proposed reinforcement involves upgrading the 33/11 kV transformers and 11 kV switchboard.



Constraint Season
Winter/Summer



Flexibility Product
Secure



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	£ 1252 / 1 MWh	£ 242 / 47 MWh	£ 37 / 305 MWh	£ 12 / 935 MWh	£ 4 / 2651 MWh
CT	–	£ 242 / 47 MWh	£ 37 / 305 MWh	£ 12 / 935 MWh	£ 4 / 2651 MWh
LTW	–	£ 5 / 2260 MWh	£ 2 / 6880 MWh	£ 2 / 18137 MWh	£ 2 / 36452 MWh
ST	–	£ 1252 / <1 MWh	£ 1252 / 2 MWh	£ 790 / 14 MWh	£ 109 / 103 MWh
SP	–	£ 1252 / <1 MWh	£ 1252 / 1 MWh	£ 1252 / 7 MWh	£ 115 / 98 MWh

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

	2023	2024	2025	2026	2027
BV	£ 1753 / 1 MWh	£ 338 / 47 MWh	£ 51 / 305 MWh	£ 16 / 935 MWh	£ 5 / 2651 MWh
CT	–	£ 338 / 47 MWh	£ 51 / 305 MWh	£ 16 / 935 MWh	£ 5 / 2651 MWh
LTW	–	£ 7 / 2260 MWh	£ 2 / 6880 MWh	£ 2 / 18137 MWh	£ 2 / 36452 MWh
ST	–	£ 1753 / <1 MWh	£ 1753 / 2 MWh	£ 1106 / 14 MWh	£ 153 / 103 MWh
SP	–	£ 1753 / <1 MWh	£ 1753 / 1 MWh	£ 1753 / 7 MWh	£ 161 / 98 MWh



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