

Newton Abbot – Newton Abbot Main



DNOA Decision
Flexibility

Scheme description

Newton Abbot primary is a three transformer site constrained in the winter by the incoming circuit ratings and in the summer by the transformer ratings (an N-1 on one of the transformers/circuits overloads the remaining transformers/circuits). Proposed reinforcement is to uprate the incoming circuits and transformers.



Constraint Season
Winter



Flexibility Product
Secure

Constraint management timeline
2023 H1 Procurement

EPRC: 2024

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

	2023	2024	2025	2026	2027
BV	£ 1252 / 2 MWh	£ 183 / 3 MWh	£ 152 / 3 MWh	£ 61 / 8 MWh	£ 18 / 27 MWh
CT	–	£ 183 / 3 MWh	£ 152 / 3 MWh	£ 61 / 8 MWh	£ 18 / 27 MWh
LTW	–	£ 35 / 14 MWh	£ 18 / 27 MWh	£ 2 / 193 MWh	£ 2 / 701 MWh
ST	–	£ 908 / 1 MWh	£ 1082 / <1 MWh	£ 494 / 1 MWh	£ 236 / 2 MWh
SP	–	£ 1252 / <1 MWh	£ 1252 / <1 MWh	£ 1252 / <1 MWh	£ 625 / 1 MWh

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

	2023	2024	2025	2026	2027
BV	£ 1753 / 2 MWh	£ 256 / 3 MWh	£ 212 / 3 MWh	£ 85 / 8 MWh	£ 26 / 27 MWh
CT	–	£ 256 / 3 MWh	£ 212 / 3 MWh	£ 85 / 8 MWh	£ 26 / 27 MWh
LTW	–	£ 49 / 14 MWh	£ 26 / 27 MWh	£ 3 / 193 MWh	£ 2 / 701 MWh
ST	–	£ 1272 / 1 MWh	£ 1515 / <1 MWh	£ 691 / 1 MWh	£ 331 / 2 MWh
SP	–	£ 1753 / <1 MWh	£ 1753 / <1 MWh	£ 1753 / <1 MWh	£ 876 / 1 MWh



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