

Ashgrove



DNOA Decision
Flexibility

Scheme description

Ashgrove primary is a 33/11 kV site with two transformers. For an N-1 scenario for the loss of one of the transformers the other supplies the full demand. Growth projections indicate the demand at Ashgrove will exceed the rating of one transformer in the near future. Proposed reinforcement is to uprate the transformers at Ashgrove.



Constraint Season
Winter/Summer



Flexibility Product
Secure

Justification for decision

Latest studies indicate a requirement for flexibility to manage this constraint. This scheme has been moved from signposting to flexibility and will be included in the upcoming procurement round.

Constraint management timeline

2023 H2 Procurement
2023 H1 Signposting

EPRC: 2025

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

	2023	2024	2025	2026	2027
BV	£ 177 / 194 MWh	£ 41 / 631 MWh	£ 26 / 950 MWh	£ 15 / 1468 MWh	£ 8 / 2180 MWh
CT	–	£ 41 / 631 MWh	£ 26 / 950 MWh	£ 15 / 1468 MWh	£ 8 / 2180 MWh
LTW	–	£ 27 / 912 MWh	£ 14 / 1481 MWh	£ 6 / 2703 MWh	£ 2 / 4436 MWh
ST	–	£ 61 / 438 MWh	£ 51 / 509 MWh	£ 40 / 638 MWh	£ 30 / 824 MWh
SP	–	£ 81 / 333 MWh	£ 79 / 340 MWh	£ 64 / 417 MWh	£ 49 / 531 MWh

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

	2023	2024	2025	2026	2027
BV	£ 247 / 194 MWh	£ 57 / 631 MWh	£ 36 / 950 MWh	£ 21 / 1468 MWh	£ 12 / 2180 MWh
CT	–	£ 57 / 631 MWh	£ 36 / 950 MWh	£ 21 / 1468 MWh	£ 12 / 2180 MWh
LTW	–	£ 37 / 912 MWh	£ 20 / 1481 MWh	£ 8 / 2703 MWh	£ 3 / 4436 MWh
ST	–	£ 85 / 438 MWh	£ 72 / 509 MWh	£ 56 / 638 MWh	£ 42 / 824 MWh
SP	–	£ 114 / 333 MWh	£ 111 / 340 MWh	£ 89 / 417 MWh	£ 68 / 531 MWh



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