

Hemyock



DNOA Decision
Flexibility

Scheme description

Hemyock is a single transformer primary substation with restricted FCO restoration capacity. The capacity under an outage is limited by the 11 kV backfeeds to neighbouring substations. The reinforcement solution is to install a second transformer and 33 kV infeed at Hemyock.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic

Constraint management timeline

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

EPRC: 2024

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

	2023	2024	2025	2026	2027
BV	£ 60 / 345 MWh	£ 56 / 318 MWh	£ 55 / 274 MWh	£ 56 / 273 MWh	£ 54 / 279 MWh
CT	–	£ 53 / 328 MWh	£ 54 / 281 MWh	£ 29 / 588 MWh	£ 18 / 1044 MWh
LTW	–	£ 36 / 474 MWh	£ 36 / 474 MWh	£ 17 / 1067 MWh	£ 9 / 2061 MWh
ST	–	£ 56 / 318 MWh	£ 55 / 274 MWh	£ 56 / 273 MWh	£ 54 / 279 MWh
SP	–	£ 72 / 218 MWh	£ 70 / 150 MWh	£ 47 / 343 MWh	£ 34 / 507 MWh

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

	2023	2024	2025	2026	2027
BV	£ 3615 / 3 MWh	£ 3389 / 3 MWh	£ 3327 / 3 MWh	£ 3335 / 3 MWh	£ 3253 / 3 MWh
CT	–	£ 3178 / 3 MWh	£ 3263 / 3 MWh	£ 1758 / 5 MWh	£ 1061 / 7 MWh
LTW	–	£ 2165 / 4 MWh	£ 2156 / 4 MWh	£ 1031 / 7 MWh	£ 539 / 13 MWh
ST	–	£ 3389 / 3 MWh	£ 3327 / 3 MWh	£ 3335 / 3 MWh	£ 3253 / 3 MWh
SP	–	£ 4320 / 3 MWh	£ 4215 / 4 MWh	£ 2809 / 3 MWh	£ 2035 / 4 MWh



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