

Milford Haven BSP



Scheme description

There are three 132 kV circuits between Pembroke GSP and Milford Haven BSP, with tees off these circuits to Golden Hill and Waterston BSPs. Haverfordwest BSP and multiple large industrial customers are also fed via Milford Haven. Under N-2 scenarios the entire group could be fed via one 132 kV circuit. The proposed reinforcement is to install two new 132 kV circuits, one from Pembroke to Golden Hill and one from Golden Hill to Milford Haven.



Constraint Season
Summer



Flexibility Product
Dynamic

Constraint management timeline
2023 H1 Procurement

EPRC: 2025

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

	2023	2024	2025	2026	2027
BV	£ 5 / 982 MWh	£ 8 / 1856 MWh	£ 6 / 3540 MWh	£ 6 / 14081 MWh	£ 4 / 77379 MWh
CT	–	£ 8 / 1856 MWh	£ 6 / 3540 MWh	£ 6 / 14081 MWh	£ 4 / 77379 MWh
LTW	–	£ 6 / 3411 MWh	£ 5 / 10930 MWh	£ 3 / 111369 MWh	£ 1 / 283621 MWh
ST	–	£ 7 / 1477 MWh	£ 7 / 2784 MWh	£ 5 / 5736 MWh	£ 5 / 11936 MWh
SP	–	£ 5 / 913 MWh	£ 8 / 1750 MWh	£ 5 / 3993 MWh	£ 4 / 6485 MWh

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

	2023	2024	2025	2026	2027
BV	£ 329 / 895 MWh	£ 467 / 1090 MWh	£ 350 / 1435 MWh	£ 370 / 1173 MWh	£ 227 / 977 MWh
CT	–	£ 467 / 1090 MWh	£ 350 / 1435 MWh	£ 370 / 1173 MWh	£ 227 / 977 MWh
LTW	–	£ 357 / 1410 MWh	£ 304 / 1535 MWh	£ 158 / 1435 MWh	£ 52 / 4948 MWh
ST	–	£ 434 / 1008 MWh	£ 393 / 1283 MWh	£ 276 / 1798 MWh	£ 305 / 1507 MWh
SP	–	£ 312 / 878 MWh	£ 477 / 1067 MWh	£ 329 / 1520 MWh	£ 258 / 1911 MWh



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