

# Plymouth/South Hams



## Scheme description

Extremely complicated area of 132 kV network with a number of interrelated constraints. A number of reinforcement schemes have been proposed to manage the constraints in the area, including laying new 132 kV cable, reconductoring the H-route and splitting the 132 kV bar at Plymouth BSP. A comprehensive network study of the area was carried out as part of the 2022 Network Development Plan.



Constraint Season  
Winter/Summer



Flexibility Product  
Dynamic

## Justification for decision

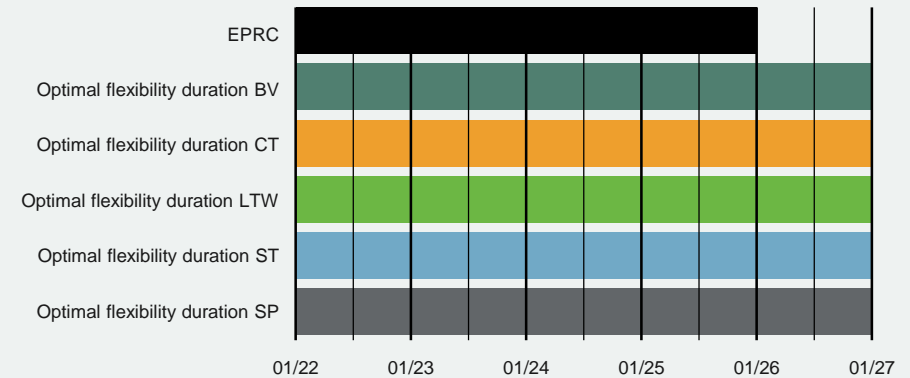
Current flexibility contracts are adequate to deal with the constraint, and will be kept active. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under all scenarios.

## Constraint management timeline

- 2022 H2 **Maintain Active**
- 2022 H1 Maintain Active
- 2021 H2 Maintain Active
- 2021 H1 Maintain Active
- 2020 H2 Procurement
- 2020 H1 Procurement
- 2019 H2 Procurement
- 2019 H1 Procurement

## Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
<b>BV</b>	222.66	244.90	267.40	301.48	351.16
<b>CT</b>	256.18	310.05	374.97	462.69	685.51
<b>LTW</b>	259.05	311.34	390.05	488.73	737.93
<b>ST</b>	194.18	195.63	187.20	183.15	182.46
<b>SP</b>	222.04	213.68	208.60	220.48	237.46



For more information visit: [www.westernpower.co.uk/network-flexibility-map-application](http://www.westernpower.co.uk/network-flexibility-map-application)