Hayle - Camborne

DNOA Decision
Flexibility

Scheme description
An outage of the Rame - Hayle 132 kV circuit overloads the 132 kV circuit between Indian Queens - Fraddon - Camborne. Proposed reinforcement includes a Rame - Hayle tee split and a 132 kV circuit from Rame to Camborne to split the group.

Constraint Season
Winter/Summer

Flexibility Product
Dynamic

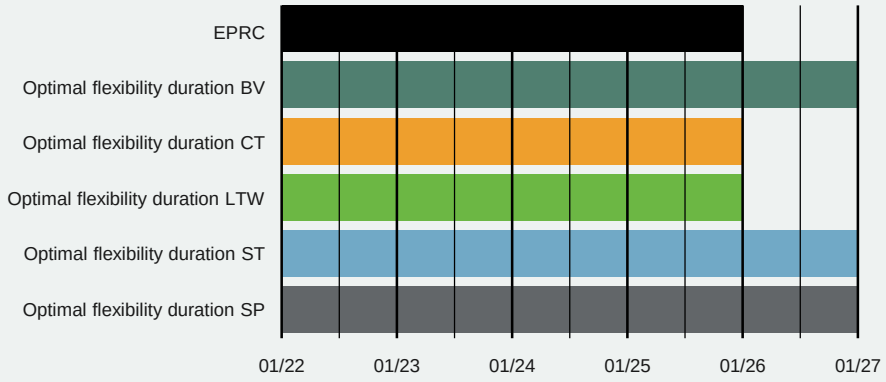
Justification for decision
Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2026 under WPD Best View and 2025 under all scenarios.

Constraint management timeline

2022 H2	**Procurement**
2022 H1	Procurement
2021 H2	Procurement
2021 H1	Procurement
2020 H2	Procurement
2020 H1	Procurement
2019 H2	Procurement
2019 H1	Procurement

Estimated flex utilisation required per year (MWh):

	2022	2023	2024	2025	2026
BV	56.15	145.29	259.06	282.12	331.78
CT	69.29	190.51	345.66	394.26	
LTW	76.08	196.20	353.12	405.30	
ST	49.54	125.21	213.94	221.81	236.90
SP	48.81	109.28	189.79	186.88	188.56



For more information visit: **www.westernpower.co.uk/network-flexibility-map-application**