

Weston Super Mare



DNOA Decision
Flexibility

Constraint description

Weston 132/33 kV Bulk Supply Point (BSP) has two transformers. The current demand at the site exceeds the continuous rating of the transformers so for an N-1 scenario the remaining transformer would be overloaded.

Reinforcement description

Upgrading both Grid Transformers (GTs) at Weston.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



Outage Type
N-1



Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H1 Procurement
2023 H2 Procurement
2023 H1 Procurement
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement
2020 H2 Procurement
2020 H1 Procurement

Time to Reinforce: 3 years

Constraint Type: Thermal

Estimated flexibility price (£) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£ 23 / 108 MWh	£ 22 / 176 MWh	£ 20 / 291 MWh	£ 14 / 581 MWh	£ 13 / 2,477 MWh	£ 8 / 4,865 MWh
Utilisation	£ 1,362 / 22 MWh	£ 1,310 / 38 MWh	£ 1,222 / 67 MWh	£ 816 / 103 MWh	£ 767 / 78 MWh	£ 468 / 115 MWh



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