

Weston Super Mare



DNOA Decision

Reinforce with 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 and Summer



Outage Type
N-1



Justification for decision

Reinforcement works are being progressed. Flexibility will be utilised as required to manage the constraint in the interim.

Constraint management timeline

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

Time to Reinforce: 3 years

Constraint Type: Demand

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	£31 / MWh	£23 / MWh	£14 / MWh	£9 / MWh
	-	-	297 MWh	439 MWh	678 MWh	1,056 MWh
Utilisation	-	-	£1,853 / MWh	£1,405 / MWh	£846 / MWh	£555 / MWh
	-	-	50 MWh	65 MWh	109 MWh	166 MWh



For more information see the **Weston BSP NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>