

Plympton BSP

Constraint description

Plympton Bulk Supply Point (BSP) has limited capacity for an N-1 condition on one of its Grid Transformers (GTs) at winter peak demand.

Reinforcement description

Replacing the Current Transformers (CTs) at Plympton BSP which will increase the firm capacity of the site, with a more enduring solution being replacing both GTs.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1



DNOA Decision

Reinforce with Flexibility

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 H1 Procurement

2023 H2 Procurement

2023 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	-	-	£ 1,220 / 22 MWh	£ 747 / 37 MWh	£ 440 / 62 MWh	£ 287 / 95 MWh
Utilisation	-	-	£ 1,708 / 22 MWh	£ 1,046 / 37 MWh	£ 616 / 62 MWh	£ 402 / 95 MWh



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