

Bartley Green BSP

 DNOA Decision
Flexibility

Constraint description

An outage of GT1 is forecasted to cause an overload on GT2 and vice versa.

Reinforcement description

Replace the existing 15/30 MVA GTs with two 3-winding 132/11/11 kV 30/60 MVA units and extend the 2000 A 11 kV board.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

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

Constraint management timeline

2024 H2 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	£26 / MWh 1,027 MWh	£26 / MWh 1,029 MWh	£19 / MWh 1,175 MWh	£14 / MWh 1,617 MWh	£11 / MWh 1,812 MWh	£10 / MWh 1,922 MWh
Utilisation	£1,557 / MWh 62 MWh	£1,552 / MWh 63 MWh	£1,148 / MWh 87 MWh	£861 / MWh 116 MWh	£671 / MWh 152 MWh	£595 / MWh 174 MWh



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