

Northampton East BSP


 DNOA Decision
Signposting

Constraint description

Northampton East Bulk Supply Point (BSP) has two 132/33 kV Grid Transformers (GTs) and is part of the Northampton group fed from Grendon Grid Supply Point (GSP). For the loss of one of the GTs at Northampton East the full demand is supplied by the remaining GT. Growth projections indicate this demand will overload the remaining GT in the near future.

Reinforcement description

The reinforcement proposal is to reinforce Northampton BSP allowing it to pick up demand from Northampton East. This reinforcement proposal also resolves the Northampton West BSP constraint.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2030.

Constraint management timeline

- 2024 H1 **Signposting**
- 2023 H2 Signposting
- 2023 H1 Signposting

Time to Reinforce: 3 years

Constraint Type: Thermal

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

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	2,200 MWh	6,187 MWh	13,751 MWh	25,683 MWh	46,818 MWh



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