

# Irthlingborough BSP



## Constraint description

Irthlingborough BSP has two 132/33 kV Grid Transformers (GTs) which are projected to be constrained due to demand growth for an N-1 (fault or arranged outage on either GT).

## Reinforcement description

A third GT will be installed at Irthlingborough BSP, along with the additional 33 kV switchgear required to allow the full capacity of the new GT to be utilised.



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	£2 / MWh 6,098 MWh	£1 / MWh 11,039 MWh	£1 / MWh 22,302 MWh	£1 / MWh 27,593 MWh	£1 / MWh 30,453 MWh	£1 / MWh 41,528 MWh
Utilisation	£137 / MWh 816 MWh	£62 / MWh 1,818 MWh	£29 / MWh 3,923 MWh	£25 / MWh 4,590 MWh	£22 / MWh 5,060 MWh	£17 / MWh 6,860 MWh



For more information see the **Wellingborough and Irthlingborough 33 kV NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>