

# Grassmoor

## Constraint description

Grassmoor primary has limited capacity for an N-1 circuit outage, limited by its 33/11 kV transformers, with the next limitation being the incoming 33 kV circuits.

## Reinforcement description

The current reinforcement proposal covers 33 kV circuit works and transformer works at Grassmoor (with this scheme covering the transformer works).



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  
2022 H2 Procurement  
2022 H1 Procurement  
2021 H2 Procurement  
2021 H1 Procurement  
2020 H2 Procurement  
2020 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	-	-	-	£1,252 / 0.3 MWh	£1,252 / 5 MWh	£605 / 19 MWh
Utilisation	-	-	-	£1,753 / 0.3 MWh	£1,753 / 5 MWh	£847 / 19 MWh



For more information visit: [nationalgrid.co.uk/network-flexibility-map-application](https://nationalgrid.co.uk/network-flexibility-map-application)