

# Loughborough



## Constraint description

For certain arranged outages on the Enderby network, Coalville Bulk Supply Point (BSP) is transferred to Ratcliffe Grid Supply Point (GSP). A subsequent fault on one of the Ratcliffe-Loughborough tee 132 kV circuits can cause an overload on the other circuit. (N-2 constraint).

## Reinforcement description

The reinforcement proposal is to uprate the 132 kV circuits from Ratcliffe to Loughborough tee.



Constraint Season  
Winter/Summer



Flexibility Product  
Dynamic



Outage Type  
N-2

## Justification for decision

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

## Constraint management timeline

- 2024 H1 Procurement
- 2023 H2 Procurement
- 2023 H1 Procurement
- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Procurement
- 2021 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 / 0.1 MWh | £23 / 99 MWh    | £18 / 2,743 MWh | £2 / 30,001 MWh | £1 / 55,411 MWh | £1 / 91,047 MWh |
| Utilisation  | £14 / 3 MWh  | £1,351 / 20 MWh | £1,077 / 43 MWh | £92 / 510 MWh   | £51 / 908 MWh   | £32 / 1,203 MWh |



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