

# Ilkeston



DNOA Decision  
**Flexibility**

## Scheme description

Ilkeston primary is fed via two 15/21.75MVA transformers which are currently limiting the firm capacity of the site. High demand at the site is creating a FCO constraint. The proposed reinforcement is to uprate the existing transformers and 33 kV feeder circuits to Ilkeston.



Constraint Season  
Winter/Summer



Flexibility Product  
Dynamic

## Constraint management timeline

**2023 H1 Procurement**  
**2022 H2 Procurement**  
**2022 H1 Procurement**  
**2021 H2 Procurement**

**EPRC: 2025**

## Estimated flex availability price (£) and volumes (MWh) per year :

	2023	2024	2025	2026	2027
<b>BV</b>	£ 6 / 8880 MWh	£ 5 / 10079 MWh	£ 4 / 11212 MWh	£ 3 / 14332 MWh	£ 3 / 17166 MWh
<b>CT</b>	–	£ 5 / 10079 MWh	£ 4 / 11212 MWh	£ 3 / 14332 MWh	£ 3 / 17166 MWh
<b>LTW</b>	–	£ 4 / 13037 MWh	£ 3 / 15629 MWh	£ 2 / 21278 MWh	£ 2 / 26928 MWh
<b>ST</b>	–	£ 5 / 8517 MWh	£ 5 / 8852 MWh	£ 5 / 9802 MWh	£ 4 / 10760 MWh
<b>SP</b>	–	£ 6 / 7820 MWh	£ 6 / 7873 MWh	£ 5 / 8873 MWh	£ 5 / 9848 MWh

## Estimated flex utilisation price (£) and volumes (MWh) per year:

	2023	2024	2025	2026	2027
<b>BV</b>	£ 351 / 50 MWh	£ 277 / 55 MWh	£ 246 / 60 MWh	£ 193 / 75 MWh	£ 161 / 90 MWh
<b>CT</b>	–	£ 277 / 55 MWh	£ 246 / 60 MWh	£ 193 / 75 MWh	£ 161 / 90 MWh
<b>LTW</b>	–	£ 213 / 72 MWh	£ 178 / 84 MWh	£ 127 / 119 MWh	£ 98 / 164 MWh
<b>ST</b>	–	£ 324 / 48 MWh	£ 311 / 49 MWh	£ 281 / 54 MWh	£ 260 / 57 MWh
<b>SP</b>	–	£ 349 / 45 MWh	£ 350 / 45 MWh	£ 311 / 50 MWh	£ 281 / 54 MWh



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