

# Atherstone



DNOA Decision  
**Flexibility**

## Scheme description

Atherstone primary has two 33/11 kV transformers and is supplied (along with Polesworth primary) from Tamworth BSP via three 33 kV circuits. For an outage on one of the transformers at Atherstone the other could overload. For a fault on a busbar at Tamworth BSP, both primaries could be supplied by a single circuit which would overload. The proposed solution is to uprate both transformers at Atherstone along with the limiting section of 33 kV circuit.



Constraint Season  
**Winter**



Flexibility Product  
**Secure**

**Constraint management timeline**  
**2023 H1 Procurement**

**EPRC: 2025**

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

	2023	2024	2025	2026	2027
<b>BV</b>	£ 1252 / 13 MWh	£ 122 / 207 MWh	£ 38 / 654 MWh	£ 15 / 1636 MWh	£ 7 / 3385 MWh
<b>CT</b>	–	£ 122 / 207 MWh	£ 38 / 654 MWh	£ 15 / 1636 MWh	£ 7 / 3385 MWh
<b>LTW</b>	–	£ 29 / 861 MWh	£ 9 / 2567 MWh	£ 4 / 5347 MWh	£ 2 / 9521 MWh
<b>ST</b>	–	£ 835 / 30 MWh	£ 305 / 83 MWh	£ 125 / 201 MWh	£ 57 / 440 MWh
<b>SP</b>	–	£ 1252 / 4 MWh	£ 1252 / 20 MWh	£ 378 / 67 MWh	£ 150 / 167 MWh

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

	2023	2024	2025	2026	2027
<b>BV</b>	£ 1753 / 13 MWh	£ 170 / 207 MWh	£ 53 / 654 MWh	£ 21 / 1636 MWh	£ 9 / 3385 MWh
<b>CT</b>	–	£ 170 / 207 MWh	£ 53 / 654 MWh	£ 21 / 1636 MWh	£ 9 / 3385 MWh
<b>LTW</b>	–	£ 40 / 861 MWh	£ 13 / 2567 MWh	£ 6 / 5347 MWh	£ 3 / 9521 MWh
<b>ST</b>	–	£ 1170 / 30 MWh	£ 428 / 83 MWh	£ 175 / 201 MWh	£ 79 / 440 MWh
<b>SP</b>	–	£ 1753 / 4 MWh	£ 1753 / 20 MWh	£ 530 / 67 MWh	£ 210 / 167 MWh



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