

# Brockworth Primary

 DNOA Decision  
**Flexibility**

## Constraint description

Brockworth substation is fed from Castle Meads BSP. An N-1 condition on either circuit between Castle Meads and Brockworth could overload the other remaining circuit.

## Reinforcement description

Upgrading the limiting Current Transformers (CTs) and switchgear at Brockworth primary substation.



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

2024 H1 Procurement

**Time to Reinforce:** 2 years

**Constraint Type:** Demand

## Estimated flexibility price (£/MWh) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	-	-	£150 / MWh	£20 / MWh	£8 / MWh	£5 / MWh
	-	-	5 MWh	156 MWh	392 MWh	687 MWh
Utilisation	-	-	£9,000 / MWh	£1,172 / MWh	£470 / MWh	£296 / MWh
	-	-	0.08 MWh	11 MWh	28 MWh	44 MWh



For more information see the nan NDP report: <https://www.nationalgrid.co.uk/dso/network-development-plan>