

# Exeter City



DNOA Decision

## Reinforce with Flexibility

### Constraint description

Exeter City 132/33 kV Bulk Supply Point (BSP) has two transformers. The current demand at the site exceeds the continuous rating of the transformers so for an N-1 scenario the remaining transformer would be overloaded.

### Reinforcement description

Establish a new 132/33 kV substation in South West Exeter or 33 kV circuit works to enable load transfers to another BSP.



Constraint Season  
Winter



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
2023 H2	Procurement
2023 H1	Procurement
2022 H2	Maintain Active
2022 H1	Maintain Active
2021	Maintain Active
2020	Procurement
2019	Procurement

**Time to Reinforce:** 3 years

**Constraint Type:** Demand

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

	2024	2025	2026	2027	2028	2029
Availability	£70 / MWh	£49 / MWh	£34 / MWh	£25 / MWh	£22 / MWh	£21 / MWh
	365 MWh	512 MWh	753 MWh	1,034 MWh	1,398 MWh	1,453 MWh
Utilisation	£4,170 / MWh	£2,913 / MWh	£2,040 / MWh	£1,472 / MWh	£1,320 / MWh	£1,265 / MWh
	45 MWh	64 MWh	92 MWh	127 MWh	139 MWh	145 MWh



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