

# Ellesmere Avenue



DNOA Decision

## Signposting

### Constraint description

Ellesmere Avenue is a primary substation with a firm capacity of 23 MVA. Both the 33 kV circuits to and the 33/11 kV transformers at Ellesmere Avenue are forecast to be constrained for N-1 outages on the other infeed.

### Reinforcement description

The current reinforcement plan is to replace both transformers at the site with 20/40 MVA units and reinforce the 33 kV infeeds.



Constraint Season  
Winter and Summer



Outage Type  
N-1

### Justification for decision

No flexibility requirement under Best View until 2031.

### Constraint management timeline

2024 H2 Signposting

2024 H1 Procurement

**Time to Reinforce:** 3 years

**Constraint Type:** Demand

### Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	-	2 MWh	5 MWh	20 MWh	44 MWh



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