

# Newark Junction Primary

 DNOA Decision  
**Signposting**

**Constraint description**

Both the 33/11 kV transformers at and the 33 kV circuits to Newark Junction primary are projected to become constrained due to demand growth.

**Reinforcement description**

A new primary site will be built in the area (near the centre of load growth) which will allow Newark Junction primary to be deloaded. Two new 33 kV circuits from Hawton BSP will be required to supply the new primary (for some of the distance existing 33 kV circuits which are currently run at 11 kV could be utilised).



Constraint Season  
Winter and Summer



Outage Type  
N-1

**Justification for decision**

No flexibility requirement under Best View until 2032.

**Constraint management timeline**

2024 H2 Signposting

**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
-	-	-	-	-	-	-	-	0.04 MWh	1 MWh	3 MWh



For more information see the **Hawton 33 kV NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>