

Castle Road

 DNOA Decision
Signposting

Constraint description

Castle Road has two 33/11 kV transformers and the site is fed out of Nottingham Bulk Supply Point (BSP). Its firm capacity is limited by its 33/11 kV transformers. An N-1 condition for the loss of either transformer could lead to overloads based on current forecasts.

Reinforcement description

As the limitation on the site's firm capacity is due to the 33/11 kV transformers, the current reinforcement plan is to uprate both transformers.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2032.

Constraint management timeline

2024 H1 Procurement

Time to Reinforce: 3 years

Constraint Type: Thermal

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

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	-	-	19 MWh	140 MWh	444 MWh



For more information visit: nationalgrid.co.uk/network-flexibility-map-application