

Langdale Drive


 DNOA Decision
Signposting

Constraint description

Langdale Drive has two 33/11 kV transformers and the site is fed out of Hinckley Bulk Supply Point (BSP). The substation’s firm capacity is limited by its 11 kV circuit breakers (CBs). The predicted demand growth for this site is greater than its firm capacity. Under an N-1 condition, additional load would be applied to one transformer following the loss of the other.

Reinforcement description

Current reinforcement plans are to uprate both the transformers, the 11 kV switchboard, and the two 33 kV incoming circuits (2.5 km overhead and 1.5 km underground each).



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2034.

Constraint management timeline

2024 H1 **Signposting**

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
-	-	-	-	-	-	-	-	-	-	0.007 MWh



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