


Sharnbrook

 DNOA Decision
Signposting

Constraint description

Sharnbrook primary is a single transformer site with a firm capacity limited by the 11 kV backfeeds to Harrold primary. Forecasts indicate this firm capacity will be exceeded in the near future.

Reinforcement description

The current reinforcement proposal is to install a second transformer at Sharnbrook and create a second 33 kV infeed (options for which are being studied).



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2029.

Constraint management timeline

- 2024 H2 **Signposting**
- 2024 H1 Procurement
- 2023 H2 Procurement
- 2023 H1 Procurement
- 2022 H2 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
-	-	-	-	-	1 MWh	7 MWh	46 MWh	156 MWh	344 MWh	674 MWh



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