

Cowhorn



DNOA Decision

Signposting

Constraint description

An outage of either one of the transformers at Cowhorn primary substation is projected to cause an overload on the other transformer.

Reinforcement description

Replace the existing transformers with 20/40 MVA units and carry out the 33 kV circuit works required to free up capacity.



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 Signposting

2023 H2 Signposting

2023 H1 Signposting

Time to Reinforce: 2 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	15 MWh	75 MWh	256 MWh



For more information see the **Iron Acton GSP Network (West Midlands) NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>