

Hammerley Down Primary



Constraint description

An outage of either of the two transformers at Hammerly Down primary substation is forecasted to cause an overload of the other transformer at Hammerly Down primary substation.

Reinforcement description

The addition of a third transformer and completion of associated works at Hammerly Down primary substation, including installation of a 33 kV bus-section circuit breaker and a 33 kV busbar extension.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H2 Procurement

Time to Reinforce: 2 years

Constraint Type: Demand

Estimated flexibility price (£/MWh) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£2 / MWh 1,936 MWh	£2 / MWh 2,706 MWh	£1 / MWh 44,733 MWh	£1 / MWh 45,478 MWh	£1 / MWh 46,270 MWh	£1 / MWh 49,007 MWh
Utilisation	£142 / MWh 220 MWh	£94 / MWh 334 MWh	£4 / MWh 7,731 MWh	£4 / MWh 7,912 MWh	£4 / MWh 8,107 MWh	£4 / MWh 8,798 MWh



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