

New Dove Valley



Constraint description

Hatton is a 33/11 kV primary consisting of two transformers which limit its firm capacity.

Reinforcement description

The reinforcement solution was to construct a new primary called Dove Valley and install a new 33 kV board at Marchington primary. The new primary will be fed via two 33 kV circuits; one circuit connected directly from the new board at Marchington and other circuit being connected onto an existing overhead line at Sudbury. Demand would be picked up from Hatton to relieve the constraint seen there.



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

Reinforcement works have been completed, resolving this constraint.

Constraint management timeline

2024 H1 **None**
2023 H2 Maintain Active
2023 H1 Maintain Active
2022 H2 Procurement
2022 H1 Procurement
2021 H2 Procurement
2021 H1 Procurement

Time to Reinforce: N/A

Constraint Type: Voltage

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

	2024	2025	2026	2027	2028	2029
Availability	-	-	-	-	-	-
Utilisation	-	-	-	-	-	-



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