


New Dove Valley


DNOA Decision
Reinforce with Flexibility

Scheme description

Hatton is a 33/11 kV primary with two transformers and the demand is expected to exceed their ratings under FCO in the near future. The reinforcement solution is 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.



Constraint Season
Winter



Flexibility Product
Secure

Justification for decision

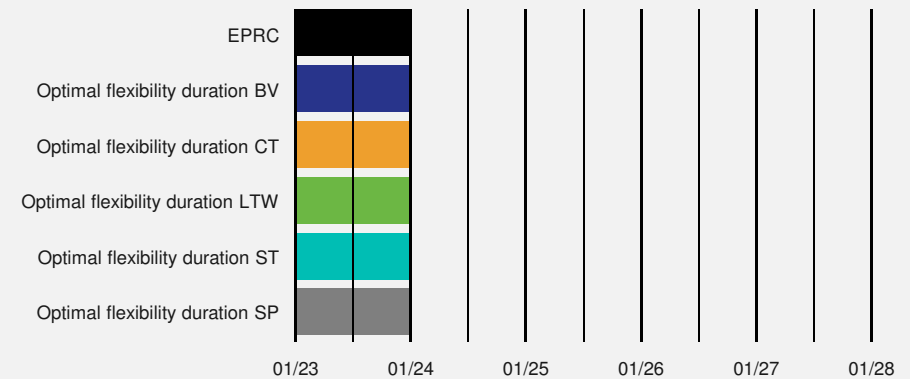
Reinforcement scheduled to be completed in 2023. Current flexibility contracts are being kept active to deal with the constraint in the interim and provide additional network security.

Constraint management timeline

- 2023 H1 **Maintain Active**
- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Procurement
- 2021 H1 Procurement

Estimated flex utilisation required per year (MWh):

| | 2023 | 2024 | 2025 | 2026 | 2027 |
|------------|-------|------|------|------|------|
| BV | 89.88 | | | | |
| CT | – | | | | |
| LTW | – | | | | |
| ST | – | | | | |
| SP | – | | | | |



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