

# New Dove Valley


**DNOA Decision 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. It is proposed 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/Summer**


  
 Flexibility Product  
**Secure**

**Justification for decision**

Flexibility procurement is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2025 under WPD Best View and 2024 under all scenarios.

**Constraint management timeline**

- 2022 H2 Procurement**
- 2022 H1 Procurement
- 2021 H2 Procurement
- 2021 H1 Procurement

**Estimated flex utilisation required per year (MWh):**

	2022	2023	2024	2025	2026
<b>BV</b>	40.26	163.83	300.57	590.58	
<b>CT</b>	56.34	247.93	525.39		
<b>LTW</b>	62.02	276.74	539.96		
<b>ST</b>	14.87	63.53	85.13	127.65	191.87
<b>SP</b>	7.21	35.13	44.19	53.44	64.88

