

# Countess Wear



## Scheme description

Countess Wear is a single transformer primary substation with restricted FCO restoration capacity. The capacity under an outage is limited by the 11 kV backfeeds to neighbouring substations. Proposed reinforcement is to install a second 33 kV infeed and transformer at Countess Wear.



Constraint Season  
Winter



Flexibility Product  
Secure

## Justification for decision

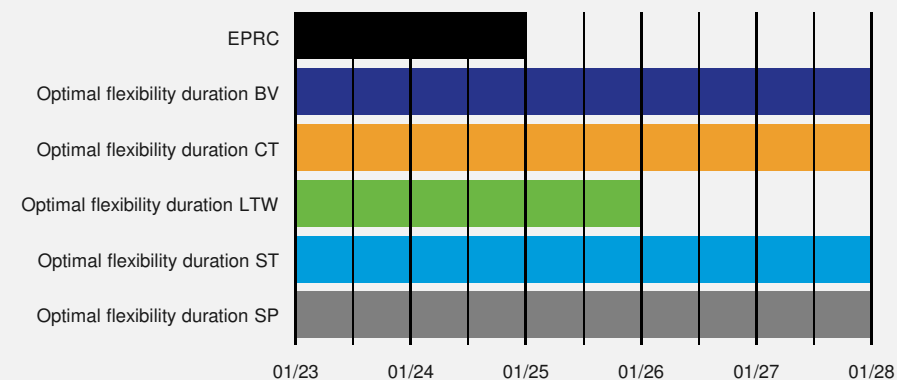
Flexibility is necessary to manage this constraint. Cost Benefit Analysis indicates flexibility is the optimum solution until at least 2027 under Best View.

## Constraint management timeline

2023 H1 **Maintain Active**  
2022 H2 Procurement

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

	2023	2024	2025	2026	2027
<b>BV</b>	10.89	8.70	5.62	6.04	10.20
<b>CT</b>	–	25.45	22.74	33.40	68.80
<b>LTW</b>	–	52.29	52.69		
<b>ST</b>	–	14.72	10.86	10.74	18.56
<b>SP</b>	–	8.74	5.87	6.32	10.67



For more information visit: [nationalgrid.co.uk/network-flexibility-map-application](https://nationalgrid.co.uk/network-flexibility-map-application)