

# East Aberthaw


**DNOA Decision**  
**Reinforce with Flexibility**

## Scheme description

A second circuit outage (SCO) condition would result in both 132/33 kV grid transformers at Brynhill BSP being out of service, leaving the entire group demand supplied via the single GT at East Aberthaw. The conventional reinforcement solution is to install a 132 kV circuit breaker bay and a second 132/33kV GT at East Aberthaw BSP.



Constraint Season  
Summer



Flexibility Product  
Dynamic



## Justification for decision

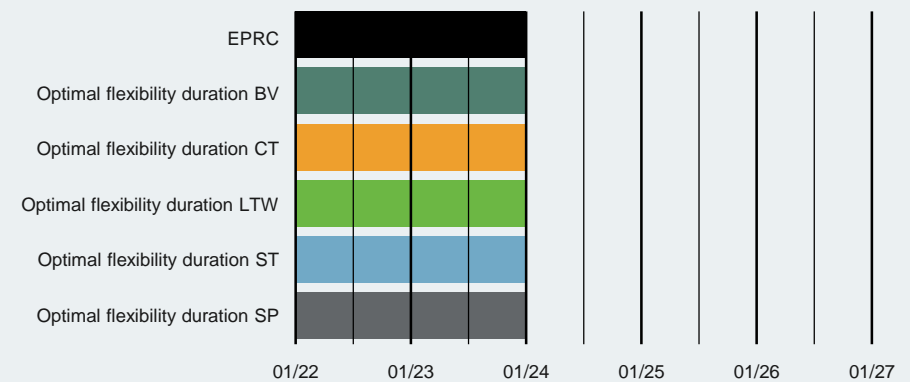
Reinforcement scheduled to be completed in 2023. Flexibility procurement is ongoing to deal with the constraint in the interim and provide additional network security.

## 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>	110.89	124.79			
<b>CT</b>	134.71	160.94			
<b>LTW</b>	134.54	161.36			
<b>ST</b>	104.11	105.88			
<b>SP</b>	93.71	92.65			



For more information visit: [www.westernpower.co.uk/network-flexibility-map-application](http://www.westernpower.co.uk/network-flexibility-map-application)