

Mountain Ash



Constraint description

The 33 kV network is split following the loss of an Upper Boat SGT by opening the 33 kV 1S0 bus-section circuit breaker at Upper Boat and 4L5 circuit breaker at Wattstown towards Tonypany. This split results in Mountain Ash GT2 being left to supply a sizable share of the group, overloading it.

Reinforcement description

The reinforcement solution was to install a 132 kV circuit breaker bay, a 132/33 kV Grid Transformer (GT) and a 33 kV circuit breaker bay.



Constraint Season
Winter



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: Thermal

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