

Pantyyffynon



DNOA Decision

Signposting

Constraint description

An N-1 constraint for the loss of either transformer or associated 33 kV circuit into Pantyyffynon primary. The firm capacity is limited by the 33 kV infeeds.

Reinforcement description

The proposed reinforcement solution is to re-profile the existing 33 kV overhead line circuits between Ammanford and Pantyyffynon to 75 °C



Constraint Season
Winter/Summer



Flexibility Product
Secure



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2030.

Constraint management timeline

2024 H1 **Signposting**

Time to Reinforce: 2 years

Constraint Type: Thermal

Estimated flexibility utilisation required per year under Best View (MWh):

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	5 MWh	90 MWh	501 MWh	1,690 MWh	3,867 MWh



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