

Merlins Bridge Primary

 DNOA Decision
Signposting

Constraint description

Merlin’s Bridge primary is a two 33/11 kV transformer primary supplied from Haverfordwest BSP via two 33 kV circuits. Both transformers are rated at 7.5/15 MVA and overload for the loss of the other.

Reinforcement description

The reinforcement proposal is to upgrade both transformers.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2032.

Constraint management timeline

2024 H2 Signposting

Time to Reinforce: 2 years

Constraint Type: Demand

Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	-	-	0.07 MWh	1 MWh	4 MWh



For more information see the **Pembroke Group NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>