

Steynton circuits



DNOA Decision

Signposting

Constraint description

There are N-1 outages when either of the two circuits overload when required to support the demand of both primaries (Steynton and Milford Haven).

Reinforcement description

The proposed reinforcement is to build a new primary substation in the area or re-configure Milford Haven primary. This reinforcement could also be used to resolve the constraint on the primary transformers at Steynton primary.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2029.

Constraint management timeline

2024 H2 Signposting

Time to Reinforce: 3 years

Constraint Type: Demand

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

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	102 MWh	578 MWh	2330 MWh	6510 MWh	9807 MWh	13811 MWh



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