

# Ravenhill



DNOA Decision

**Signposting**

## Constraint description

Ravenhill primary substation has two 33/11 kV transformers (T1 and T2), which have different ratings. An outage on T1 is projected to overload T2 at Ravenhill primary substation.

## Reinforcement description

Replace T2 with a 12/24 MVA unit, to match the rating of T1 and carry out works to remove the ancillary limitations of the transformers at Ravenhill primary substation.



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**

2024 H1 Procurement

2023 H2 Procurement

2023 H1 Procurement

**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
-	-	-	-	-	-	-	-	0.2 MWh	7 MWh	81 MWh



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