

Stentaway Primary



DNOA Decision
Flexibility

Constraint description

In the event of a 33 kV busbar outage at Stentaway, transformer T2 becomes overloaded (due to loss of T1 at Stentaway & Plymstock South).

Reinforcement description

Installation of a second 33/11 kV transformer at Plymstock South.



Constraint Season
Winter and Summer



Outage Type
N-1

Justification for decision

Flexibility procurement is required to ensure the needs of the network are met.

Constraint management timeline

2024 H2 Procurement

Time to Reinforce: 3 years

Constraint Type: Demand

Estimated flexibility price (£/MWh) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£150 / MWh 4 MWh	£150 / MWh 1 MWh	£150 / MWh 11 MWh	£150 / MWh 16 MWh	£150 / MWh 4 MWh	£150 / MWh 3 MWh
Utilisation	£9,000 / MWh 0.2 MWh	£9,000 / MWh 0.04 MWh	£9,000 / MWh 1 MWh	£9,000 / MWh 1 MWh	£9,000 / MWh 0.2 MWh	£9,000 / MWh 0.1 MWh



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