

Llanfyrnach



DNOA Decision

Reinforce with Flexibility

Constraint description

Llanfyrnach is a single transformer site. For an N-1 outage of the transformer, the site is limited by the 11 kV backfeeds.

Reinforcement description

The proposed reinforcement solution is to install a second 33/11 kV transformer and a new 33 kV circuit to Llanfyrnach.



Constraint Season
Winter/Summer



Flexibility Product
Dynamic



Outage Type
N-1



Justification for decision

Reinforcement works are being progressed. Flexibility will be utilised as required to manage the constraint in the interim.

Constraint management timeline

2024 H1 Maintain Active

2023 H2 Maintain Active

2023 H1 Maintain Active

2022 H2 Procurement

2022 H1 Procurement

2021 H2 Procurement

Time to Reinforce: 3 years

Constraint Type: Security of supply

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

	2024	2025	2026	2027	2028	2029
Availability	1,337 MWh	1,479 MWh	4,389 MWh	7,529 MWh	10,687 MWh	13,913 MWh
Utilisation	19 MWh	20 MWh	57 MWh	105 MWh	159 MWh	215 MWh



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