

Pembroke

Scheme description

Voltages below the statutory voltage limit seen for an N-1 of the Golden Hill - St Florence 33 kV circuit. The reinforcement solution is to install a new 33 kV circuit between Golden Hill and Broadfield.

Justification for decision

Flexibility is not suitable to deal with this constraint as it involves a severe voltage constraint.

Reinforcement Information

Completion Year 2024
Current Status In Progress



DNOA Decision
Reinforce

Abergavenny BSP

Scheme description

Abergavenny and Panteg BSPs are run in parallel and an N-1 leaves the demand on two remaining GTs. GT1 at Abergavenny is also in poor condition and will therefore be replaced.

Justification for decision

Flexibility is not suitable to deal with this constraint as the upgrade of GT1 is being triggered by the asset condition.

Reinforcement Information

Completion Year 2025
Current Status Preliminary



DNOA Decision
Reinforce

Rhos BSP

Scheme description

An N-2 condition losing both GTs at Carmarthen BSP overloads the GT at Rhos BSP. Proposed reinforcement is to install a second GT at Rhos BSP.

Justification for decision

Flexibility is not suitable to deal with this constraint due to its complexity.

Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce



Sully Tee

Scheme description

N-1 constraint on the section of 132 kV circuit from Aberthaw GSP to the tee to Sully BSP. Proposed reinforcement is to reprofile the section of overhead line.

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Justification for decision

Flexibility is not suitable to deal with this constraint as the reinforcement solution is below the cost threshold for economic viability.

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Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce

Pantyffynnon

Scheme description

An N-1 condition for the loss of one of the 33 kV circuits to Pantyffynnon primary heavily loads the remaining circuit. Proposed reinforcement is to uprate the limiting section of circuit.

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Justification for decision

Flexibility is not suitable to deal with this constraint as the reinforcement solution is below the cost threshold for economic viability.

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Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce

Rhos – Newcastle Emlyn

Scheme description

An N-1 condition for the loss of one of the 33 kV circuits to Newcastle Emlyn primary heavily loads the remaining circuit. Proposed reinforcement is to uprate the limiting section of circuit.

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Justification for decision

Flexibility is not suitable to deal with this constraint as the reinforcement solution is below the cost threshold for economic viability.

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Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce

