

## Portishead BSP

### Scheme description

Issues with parallel operation of Sandford and Seabank. Reinforcement solution involves CB works to allow the network to be split.

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### Justification for decision

Flexibility is not suitable to deal with this constraint as the reinforcement solution involves CB works which cannot be deferred using flexibility.

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### Reinforcement Information

**Completion Year** 2024  
**Current Status** Preliminary



DNOA Decision  
**Reinforce**

## Woodcote – Chard

### Scheme description

An N-1 condition for the loss of one of the 33 kV circuits to Chard primary heavily loads the remaining circuit. Reinforcement solution is to reinforce the Woodcote – Chard 33 kV circuits.

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### Justification for decision

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

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### Reinforcement Information

**Completion Year** 2025  
**Current Status** Preliminary



DNOA Decision  
**Reinforce**

## Lapford and Tinkers Cross

### Scheme description

Low volts at Lapford and Tinkers Cross primaries for an N-1 condition. Installing new circuits from South Molton to Tinker's Cross and Lapford to Witheridge would resolve this constraint.

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### Justification for decision

Flexibility is not suitable to deal with this constraint as there is a severe voltage constraint which cannot be resolved using flexibility.

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### Reinforcement Information

**Completion Year** 2025  
**Current Status** Preliminary



DNOA Decision  
**Reinforce**



## Fraddon – Newquay Trevamper

### Scheme description

An N-1 condition for the loss of one of the 33 kV circuits to Newquay Trevamper primary heavily loads the remaining circuit and leads to low volts. Reinforcement solution is to install a new 33 kV circuit from Fraddon to Newquay Trevamper.

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### Justification for decision

Flexibility is not suitable to deal with this constraint as the level of flexibility required makes it technically unfeasible.

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### Reinforcement Information

**Completion Year** 2024  
**Current Status** Preliminary



DNOA Decision  
**Reinforce**

## Tiverton – Dunkeswell

### Scheme description

An N-1 condition for the loss of one of the 33 kV circuits to Dunkeswell primary heavily loads the remaining circuit. Proposed reinforcement is to add a new transformer and circuit to Dunkeswell.

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### Justification for decision

Flexibility is not suitable to deal with this constraint as the level of flexibility required makes it technically unfeasible.

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### Reinforcement Information

**Completion Year** 2025  
**Current Status** Preliminary



DNOA Decision  
**Reinforce**



## Newton Abbot – Chudleigh

### Scheme description

For an outage on the circuit to Chudleigh Knighton primary T2 the circuit to T1 overloads. Proposed reinforcement is to uprate the limiting sections of 33 kV 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**

## Bristol Airport

### Scheme description

Busbar faults at Churchill BSP can lead to either overloads or leaving Bristol Airport at single circuit risk. Proposed reinforcement is to carry out 33 kV circuit works.

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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**

