

Hockley Farm Road

Scheme description

There is a demand constraint on the circuit from Leicester Bulk Supply Point (BSP) to Hockley Farm Road primary, which is limited by a short section of 33 kV circuit. Proposed reinforcement is to uprate this section of circuit.

Justification for decision

The proposed reinforcement works are below the threshold for economic viability.

Constraint Information

Outage Type N-1
Constraint Type Thermal

Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce

Northampton Group

Scheme description

The Northampton group is approaching 300 MW of group load, at which point the existing circuits will not be able to meet the security of supply obligations. A fourth circuit into the group is being built to resolve this issue.

Justification for decision

Flexibility is not feasible due to the configuration of the group and varying sensitivity factors.

Constraint Information

Outage Type N-2
Constraint Type Thermal

Reinforcement Information

Completion Year 2028
Current Status Preliminary



DNOA Decision
Reinforce

South Holland – Long Sutton – Holbeach

Scheme description

For a fault on the main 1 busbar at South Holland BSP voltages on the downstream 33 kV network fall below statutory voltage limits. A new primary is being built to resolve this constraint.

Justification for decision

Flexibility is not suitable here due to severe voltage constraints.

Constraint Information

Outage Type N-1
Constraint Type Voltage

Reinforcement Information

Completion Year 2025
Current Status Preliminary



DNOA Decision
Reinforce



Staythorpe C to AD1C Circuit

Scheme description

Two spans of 132 kV overhead line between Staythorpe C and tower AD1C are constrained. The proposed reinforcement solution is to uprate these two spans.

Justification for decision

The proposed reinforcement works are below the threshold for economic viability.

Constraint Information

Outage Type N-2
Constraint Type Thermal

Reinforcement Information

Completion Year 2024
Current Status Preliminary



DNOA Decision
Reinforce

Willington – Derby South – Spondon

Scheme description

Various outage conditions can overload the circuits from Derby South Bulk Supply Point (BSP) to Spondon BSP. Reinforcement solution involves multiple projects, including reconfigurations of Willington GSP and Spondon BSP.

Justification for decision

Flexibility is not feasible due to the complex nature of the constraint, and the fact that the proposed reinforcement has multiple drivers (including fault levels).

Constraint Information

Outage Type N-1
Constraint Type Thermal

Reinforcement Information

Completion Year 2029
Current Status Preliminary



DNOA Decision
Reinforce

Wollaton Road

Scheme description

Wollaton Road has two 33/11 kV transformers and the site is fed out of Nottingham Bulk Supply Point (BSP). Its firm capacity is limited by its 33 kV circuit feeder to T1. The most likely reinforcement would be to upgrade the T1 33 kV infeed circuit.

Justification for decision

The proposed reinforcement works are below the threshold for economic viability.

Constraint Information

Outage Type N-1
Constraint Type Thermal

Reinforcement Information

Completion Year 2028
Current Status Preliminary



DNOA Decision
Reinforce

