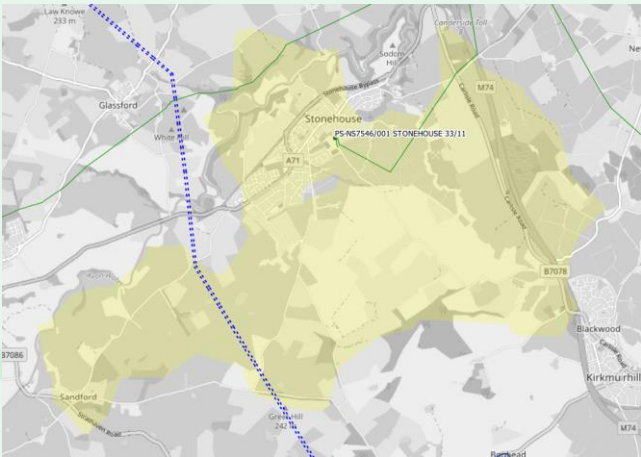


Stonehouse Primary Reinforcement

Reinforce, supported by flexibility



The Stonehouse demand group supplies ca. 2,800 customers and is geographically located in the Lanarkshire region of SP Distribution (SPD) licence area. It is supplied by Wishaw Grid Supply Point (GSP).

Constraint

THERMAL
Demand is forecast to exceed thermal rating, leading to risk of thermal overloading on the single 33/11kV transformer. The demand group is predicted to be non-compliant under EREC P2/8 by the end of the RII0-ED2 price control period; consequently, investment is required.

Decision

New 11kV circuit and HV automation scheme
Utilise a section of de-energised 33kV overhead line (OHL), to form part of a new interconnected 11kV circuit to Strathaven Primary, that would otherwise be decommissioned. Establish a HV automated load transfer scheme to adjacent primaries under N-1.

Justification for decision

Insufficient flexibility to defer reinforcement and remain EREC P2/8 compliant so works are being progressed. Flexibility will support management of the constraint in the interim.

Flexibility product

SCHEDULED UTILISATION

Constraint season(s)

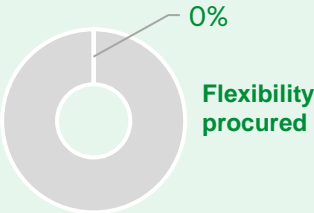
Winter

Guide price

Availability fee up to **£410/MW/hr**
Utilisation fee up to **£500/MWh**

Reinforcement timescale

2024/25



Flexibility position at March 2024	2023/24	2024/25	2025/26	2026/27	2027/28
Risk duration (hrs)	6.5	7.0	10.0	10.0	10.0
Flexibility required (MW)	1.1	1.1	1.3	1.3	1.3
Flexibility procured (MW)	0.0	0.0	0.0	0.0	0.0
Flexible MW capacity met (%)	0%	0%	0%	0%	0%

Flexibility
Tendering

Open

We are tendering for flexibility services at this location.

More information is available on the [PICLO Flex website](#)

Technical Appraisal

More detailed technical information on the nature of the constraint, network impacts, solutions considered and selected intervention are available in this scheme’s [Engineering Justification Paper](#)

To ensure that our plans and publications cover the needs of our stakeholders, customers, and the communities we serve, we welcome ongoing feedback.

Feedback can be emailed to: systemdesignteam@spenergynetworks.co.uk