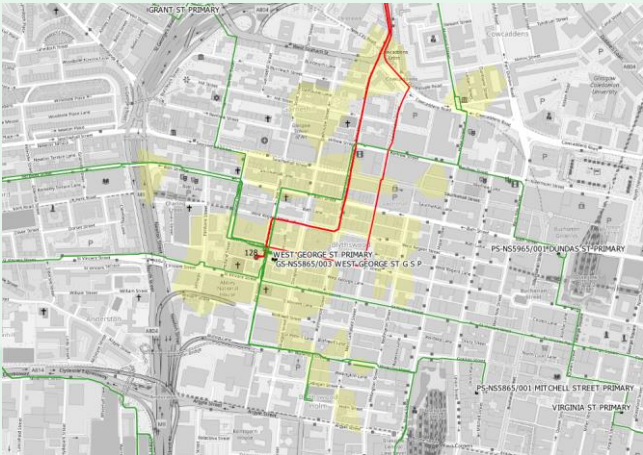


West George St Primary Fault Level Mitigation

Reinforce without flexibility



The West George Street demand groups supply ca. 1,000 customers and is geographically located in the Glasgow region of SP Distribution (SPD) licence area. It is located in Glasgow city centre in close proximity to mainly commercial premises.

Constraint

FAULT LEVEL
The 11kV board at West George Street primary was commissioned in 1964 and the switchgear has an RMS break rating of 7.87kA. The 11kV fault level exceeds the equipment rating and hence the site is deemed overstressed. There are currently operational restrictions, and a derogation is in place to manage the fault level issues.

Decision

Reinforce without flexibility
The proposed solution is to replace the existing ‘A’ and ‘B’ 11kV switchboards (22-panels in total) with a new rationalised 11kV switchboard within the West George Street site. The new board will comprise of 19-panels, 16 of which are feeder breakers, a bus section and two incomer breakers, with the facility for an additional circuit breaker on each side.

Justification for decision

Due to the predicted increase in fault levels, operational management is not an enduring solution. Flexibility would not relieve fault level constraints.

Flexibility product

N/A

Constraint season(s)

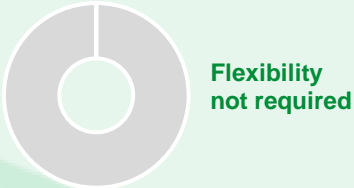
Year round

Guide price

Competition closed

Reinforcement timescale

2025/26



Flexibility position at March 2024	2023/24	2024/25	2025/26	2026/27	2027/28
Risk duration (hrs)					
Flexibility required (MW)					
Flexibility procured (MW)					
Flexible MW capacity met (%)					

Flexibility Tendering

Closed

We are not currently tendering for flexibility services at this location.

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