



## Condition and Risk Assessment of Substation Boundary Walls

### Risk of substation boundary wall integrity

Recent inspections of substation sites in Glasgow and Liverpool have identified **defects which may have posed a potential risk to staff and public safety.**

### Paradise Street 132kV

Paradise Street was once a power station and was converted to an open air substation around 1970. The existing walls were retained to form the exterior substation boundary wall.

A substation inspector identified that a supporting pier and wall had become separated, the wall at this point is 8 metres high.

**It was established that there was no immediate risk, but a full structural assessment will be undertaken and repairs actioned.**

### Partick GSP

Partick Grid is also the site of a legacy power station and houses transmission and distribution assets. As with Paradise Street the boundary wall was formed from the previous structure.

During inspections, a short section of the boundary wall was found to be **leaning onto a public footpath**. The area was **immediately cordoned off** by the District to **remove any potential risk to the public.**

**Plans are now in place to repair the wall and demolish the defective section.**

## Recommendations and action points

- Defects should be reported as per the Hazard & Defect Management Policy [EPS-01-002](#)
- When defects such as the above are discovered they should be escalated at the **earliest opportunity** to the respective **district management team** to address any immediate concerns
- Staff should also be alerted to civil defects such as vegetation growth, steel reinforcement and brick mortar degradation, which can affect the integrity of the structure
- **District, Licence and NP&R will continue to work together to engage civil experts and action longer term technical and financial solutions**



*Paradise Street – wall and support pier separated and steel degraded*



*Top section leaning towards public footpath with vegetation growing through structure*