

Build of 66kV / 11kV Transformer Substation

Scottish & Southern Energy

Docklands, London

Term: 25 weeks

Value: £400k



Network Reinforcement Programme

- Full civil design and construction
- Build of 'bunded' transformer bases
- Project management of the design and construct process
- Preparation and handover of manuals for health & safety

In house staff saw the completion of all civil activities which included:

- Construction and internal fit out of substation building
- Reinforced concrete foundations and transformer bunds
- 4-hour fire rating structures
- Raised access flooring and associated site works

Working on behalf of Scottish & Southern Energy, Morrison was awarded a contract for the design, management and construction of a new housing unit for Meyer Substation.

A Partnership approach was adopted for the contract between the client and the contractors to ensure that the full scope of works could be delivered in the most efficient and effective manner with regards to risk management, resource allocation and cost.

Located in London's Docklands, the high profile site was adjacent to London City Airport and required our adherence to restricted working procedures at all times.

Throughout the project there was not a single impact on the airport.

The architectural design of the substation building was intended to be high profile, but sympathetic to the heritage of the site and the existing infrastructure in the Docklands.

The concept was to embody the theme of a 'crane structure', as seen by the blue exoskeleton.

- Working in connection with the other partners, Morrison assumed full construction risk on the project programme, which required the completion of all their work ahead of other partners commencing on site.