

# Project Profile

## The Power Industry

Client :	Scottish & Southern Energy & Western Power Distribution
Value :	Various
Our Role:	Principal Contractor

### Selection of Contracts Undertaken

**Contract:** Reading, Berkshire

**Value:** £195k

Construction of an office extension inside a large steel-framed building owned by Scottish & Southern Energy. The building remained occupied throughout the duration of the works and our experienced specialist personnel minimized disruption by providing a high level of co-ordination.

Work activities involved punching through the existing warehouse floor slab for 2m deep concrete pad foundations, on which to bear a full height steel frame, pre-finished in intumescent coating. Concrete was pumped to a first floor slab, shuttered using permanent steel decking and ground floor partition walls took the form of faced, paint-quality blockwork, with metal stud partitioning from the first floor up. Our Supply Chain Members carried out suspended ceiling, fire-proof glazing and raised access computer flooring work under our supervision.

**Contract:** Crediton, North Devon

**Value:** £13k

This contract for the removal of existing and construction of new bases (including double socket structure bases) within an existing 'live' switchyard was undertaken for Western Power Distribution. Trenches for multicore cables (as well as earthing) were also included as part of this contract.

Despite difficult access restrictions, stony ground and harsh winter weather conditions on this site on the edge of Dartmoor, the contract was successfully completed ahead of programme.

**Contract:** Crewkerne, Somerset

**Value:** £50k

This contract, for Western Power Distribution, included demolitions and the alteration of an existing occupied depot building. To suit the Client's requirements this was carried out in three phases, with careful consideration given to their prime concern, security.

Work activities involved inserting steel beams and extending timber first floor areas; new blockwork and timber stud partitioning; blocking up existing and creating new window openings; new timber doors, skirtings and a timber staircase.

The final phase of the contract involved upgrading the existing staff toilet accommodation, providing new kitchenette facilities and installing an external boot wash with the associated drain connection.

**Contract:** Street, Somerset  
**Value:** £100k

Extensive site works to the 33kV switchyard, which had suffered serious ground movement over a period of many years, were undertaken for Western Power Distribution. Underlying peat had been displaced under the weight of the compound sub-base due to the site being located on the Somerset levels.

All works were undertaken in a 'live' compound. Surfacing was removed and all areas around the overhead structures reduced in level (all original structure bases had been piled). Several hundred blocks of expanded polystyrene geofil was installed to cover the entire switchyard before the geotextile and compound chippings were put in place.

As it was not feasible to handle this massive volume of excavated material by hand, machinery, subject to strict scrutiny and fitted with special restrictors, was used. As expected, many existing cables were exposed within the excavations and all remained undamaged.

#### Contact Details



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