



ELECTRICITY DISTRIBUTION ENGINEERING SERVICES LTD

Case Study 3

Overhead Line Replacement

Project Title: Sellafield – Egremont 132kV Overhead Line Refurbishment

Client: Electricity North West (ENW)



Outline Project Description:

- Replacement of 31 No towers on existing overhead line due to corrosion.
- Installation of new fibre optic OPGW earth wire along entire route,
- Installation of rapid rail systems,
- Replacement of all tower identification furniture and ACD's.



**EDES
Involvement:**

- Project management of entire scheme
- Supply Senior Authorised Persons (SAP's) for switching and issue of all safety documents.
- SAP's responsible for creating staged approach to facilitate a double circuit outage for tower replacement works whilst still maintaining a rigid Emergency Return to Service (ERTS) times throughout
- Scheme included works within the Sellafield Nuclear De-Commissioning plant (formerly Sellafield Power Station) where all works were subject to verification and sign off from the NDA.
- All staff entering the site were required to hold P4 access pass and security verified.