West Coast Mainline

PROJECT: West Coast Mainline Power Supply Upgrade
LOCATION: West Coast Mainline
CLIENT: ABC Electrification
DATE: 2016 ongoing

Overview
The West Coast Main Line is a critical part of the UK’s rail infrastructure, linking the most heavily populated parts of the country and carrying over 40% of UK Rail Freight. The Route was electrified in the 1970s and major programmes of upgrade and renewal works have been undertaken to increase the line-speed, capacity and reliability of the system. Part of this is the upgrade of the substations and the introduction of Autotransformers and associated feed wires.
Our Involvement

ESL has been appointed by ABC Electrification to support the completion of the programme. The scope of work for ESL has been wide ranging and has included engineering support in addition to detailed design work. Activities we have delivered so far as part of this ongoing support include requirements management tools to aid in the close out of the technical aspects of the project, technical assurance to support ABC’s construction activities, independent estimating support as well as delivery of packages of detailed OLE design and OLE structural analysis.

ESL’s ability to react quickly to changing requirements has helped us to support ABC on this project and we have been able to draw from the wide-ranging skills and competencies of our staff across engineering, construction and estimating to support the Project.