



Iberdrola Construction & Engineering Ravenscraig 275kV

Ravenscraig 275kV substation in Lanarkshire serves a number of key network customers including Dalziel Steel Works. The substation comprises a control building, unit substation and a transmission compound. IQA was tasked with identifying and extending the existing LV cable from a redundant transformer within the compound through the compound cable trench and into the unit substation to the termination point.

The works included jointing the existing LV cable from Transformer 1 (T1) to a new cable supplying the unit substation. IQA installed a new switchgear within the unit substation and reconnected the existing T1 cable at the control room. A new cable tray containment system was installed to support the cable along its route within the substation basement. In addition to the agreed scope, IQA installed earth spikes for both the high and low voltage systems.

All work was completed by our experienced and authorised team, in compliance with ScottishPower Safe Systems of Work. IQA completed all works in advance of the client's completion deadline.