

Beauly to Dounreay, Scottish Highlands

Our Services

- Desk Study
- Preliminary Risk Ranking Assessment
- Transmission Tower Ground Investigations
- Intrusive Foundation Inspections
- Project Management



Transmission Tower Ground Investigations

Our reputation and experience of working within the environmental constraints surrounding the power industry led to **CGL** being invited to tender for the 275kV overhead lines project. Babcock Networks, acting on behalf of Scottish and Southern Energy, subsequently appointed **CGL** to undertake the ground investigation works for 74 of the 474 towers spanning 153km from Beauly to Dounreay in northern Scotland.

Working to appropriate **CGL** method statements and risk assessments approved by the client, a variety of exploratory techniques were employed to progress the investigations, including borehole drilling and intrusive foundation inspections to assess existing foundation types and natural ground conditions.

CGL co-ordinated the ground investigations along the route often working in remote, hostile

areas and archaeologically/ecologically sensitive expanses ranging from peat bogs and sites with specific environmental interest to deep river crossings and steep slopes. During this time, **CGL's** supervision and management of the sub-contractor parties allowed for works to continue despite the extreme weather conditions often experienced in the Scottish Highlands.

Working within an open collaborative framework, **CGL** formed a strong working relationship with Babcock's site and design teams assisting them with the co-ordination and management of the works programme to the satisfaction and benefit of the client.

Client: Babcock Networks
(on behalf of Scottish and Southern Energy)