

ALEXANDER

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ACCREDITATION AND ORGANISATIONS



KILLYMALAGHT SUBSTATION

CLIENT	Northern Ireland Electricity
DESIGN ENGINEER	Mott McDonald
CONTRACT VALUE	£450,000
CONTRACT PERIOD	8 Months



DETAILS

Northern Ireland Electricity (NIE) required an additional 110kv cluster sub-station to be constructed just outside Donemana, Co Tyrone to serve the output power transmission for a number of new wind farms constructed in the area. The site was a green field site and required extensive enabling works to be completed prior to main works. The enabling works constructed of bulk excavation works, erection of secure permanent palisade fencing, pre cast piling, access road construction and drainage.

The main works consisted of construction of the sub-station control building, concrete cable trenches, ground and ring beams, reinforced concrete foundations, earthing grid installation works and reinstatement and landscaping works

ENVIRONMENTAL CONSIDERATIONS

Alexander's carried out this project in strict accordance with our ISO 14001 accredited Environmental Quality System to ensure that no environmental incidents occurred during the works.

HEALTH AND SAFETY CONSIDERATIONS

For this project Alexander's undertook the role of principle contractor during the civil works phase before handing over to NIE for the electrical phase of the works. The project was carried out incident and accident free.