

ALEXANDER

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ACCREDITATION AND ORGANISATIONS



ENNISKILLEN - DERRYLIN

CLIENT	Northern Ireland Electricity
DESIGN ENGINEER	Mulholland & Doherty
CONTRACT VALUE	£350,000
CONTRACT PERIOD	Dec 2007- March 2008



DETAILS

Quinn Group commissioned NIE to upgrade the power lines from Enniskillen main substation to the new Aghuoule substation in Derrylin to service its factories/windfarm.

Where ground conditions were too poor to support augered timber posts, reinforced concrete bases were to be constructed. W&H Alexander completed the construction of the Electric pole bases ahead of NIE's powerline team.

Access to the bases was generally very poor and roads had to be constructed to each position. Due to the wet nature of the ground most roads used floated construction.

HEALTH AND SAFETY CONSIDERATIONS

Saturated peat was encountered at a lot of bases and this resulted in difficult digging conditions. To keep the banks of the excavation out trench sheeting was used. Where better ground conditions were present, either a manhole box or battered banks were used.