

# PMK Civil Engineering Ltd

Penmanshiel Wind Farm– 33kV and fibre Install

Client – SPEN

Contract Conditions – FIDIC

- Approximately 21.5Km double and 9.25Km of single circuit 33kV cable and associated fibre installation, power in trefoil duct arrangement and the fibre installed into Opticom ducting as per SPEN specification. Three number HDD crossings were also required.
- Power cable, power and fibre ducts, tiles, tapes, joints and terminations were all free issued.
- Ducts bends and fibre cable were supplied by PMK.
- All jointing, splicing and terminating works were carried out by PMK
- Main challenges were inconsistency of working due to external issues, Stone dyke walls requiring to be dismantled and then rebuilt, service crossings, shallow bridge crossing and also the HDD works.



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