



**SP ENERGY
NETWORKS**

Case Study: ScottishPower cables crossing bridge structures



The above image highlights a typical situation where works are being undertaken to re-seal a bridge structure.

It is worth highlighting that utilities crossing bridges will more than likely be extremely shallow due to the design construction of the bridge. The image demonstrates that the top of the ducts will only be approximately 60mm from the finished level of the footpath. When excavations are to take place on bridge structures method statements and safe systems of work should always be implemented to ensure contact with utilities will not occur. Cable record enquiries are to be directed to ScottishPower Data Management section on the telephone number opposite.

Prior to any excavations taking place cable records should always be consulted.

All SP Energy Networks cable record enquiries are to be directed to the relevant (North or South) Data Management team.

All Cable Record enquiries should be addressed to:

SP Energy Networks (North)

Data Management
(Correspondence)
55 Fullerton Drive
Cambuslang
Glasgow G32 8FD

t: 0141 567 4155 or 0141 567 4455

e: Requestforplansscotland
@scottishpower.com

SP Energy Networks (South)

Data Management
(Correspondence)
North Cheshire Trading Estate
Prenon Way
Prenon
Birkenhead CH43 3ET

t: 0151 609 2373

e: Requestforplansmanweb
@manweb.co.uk

All Cable Deviation Requests /Service Alterations enquiries should be addressed to:

SP Energy Networks (North)

Customer Connections
55 Fullerton Drive
Cambuslang
Glasgow G32 8FA

t: 0141 614 9997

SP Energy Networks (South)

Customer Connections
PO Box 290
Lister Drive
Liverpool L13 7HJ

t: 0151 221 2110

Emergency contact

In an emergency, or if there is any damage to SP Energy Networks cables or plant, call the appropriate number:

**SP Energy Networks
North**

*Central & Southern
Scotland*

0845 272 7999

**SP Energy
Networks
South**

*Cheshire,
Merseyside
& North Wales*

0845 272 2424





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Case Study: Shallow cables at bridge/stream locations



The above image highlights the location of ducts crossing on the side of a bridge and under a stream.

The electricity cable is situated in the fire clay duct passing through the stream. On occasion's cable routes may have to be designed with various different factors taken into account. Given the structure and design of bridges it is not always possible to install electricity cables across bridges; at times the solution is to install the cable under the stream.

If an electricity cable is crossing over a bridge structure it should be noted the cable may very well be shallow.

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& North Wales*

0845 272 2424

