



SP ENERGY NETWORKS

Case Study:

HV cable damaged,
operatives continued
to work around cable



The above image demonstrates a damaged HV cable which has been lifted from its original ground position and placed on top of a plastic drainage pipe.

The cable strike was not reported timeously to ScottishPower, blast marks can clearly be seen on the drainage pipe from when the HV cable has been switched back in. The **consequences to the operatives could have been severe or even fatal**. When a cable strike occurs the correct course of action is to clear the area of operatives immediately and secure the site to protect all operatives and the public from gaining access to the point of damage, contact ScottishPower emergency number and ensure nobody enters the excavation area without the permission of ScottishPower engineers.

Report all Cable Strikes Immediately.

Always assume cables are live.

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





SP ENERGY NETWORKS

Case Study: Unreported HV cable strike incident



The above image clearly shows an underground HV Coral cable damage.

This cable strike incident was not reported to ScottishPower at the time of the incident taking place. ScottishPower discovered there was a problem with the electrical network when customers in the area reported they had no supplies to their properties.

Some of the issues concerning this unreported cable strike are:

1. The operatives on site continued to operate around the cable strike to complete their drainage works, potentially the cable could have blown out, causing serious injuries.
2. Loss of supplies to over 1000 ScottishPower customers.
3. Failure of reporting the cable strike at the time of the incident taking place resulted in an excavation of over 100m having to take place. Water had entered the cable at the point of damage and travelled along the cable.

All Cable Strikes have to be reported immediately

0845 2727 999(North) 0845 2722 424(South)

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