

Identifying Looped Services

What is a Looped Service?

A 'looped service' is where two properties share a single electricity LV service cable from the LV mains network. Looped services are typically found in semi-detached or terraced houses. The electricity LV service cables enter the first house **1**, as shown in the adjacent loop arrangement diagram 1, usually via underground cable from the LV mains in the footpath or road outside. A second LV service cable, the looped service, then runs from the meter position in the first house **1** to the meter position in the second house **2**, as shown in adjacent Diagram 1.

Diagram 1: Loop Arrangement



What does a Looped Service look like?

You can usually tell if your LV service cable is looped to your neighbour's property by checking the installation at your meter position. In house **1** the looped service will appear as two LV service cables entering the bottom of the cut-out below the fuse, as shown in Diagram 2. House **2** will see one LV service cable, as shown in diagram 3. Whilst you share a common LV service cable from the LV main network, the secondary LV service cable connects your neighbour to the electricity supply. The looped LV service cable to your neighbour in house **2** will usually be placed underground and may run under your garden or path across the front of your house. If you are in house **2** in diagram 1, you will see only one LV service cable entering the bottom of the cut-out. It is possible if there is a single cable at the bottom of the cut-out, you may still need works carried out if your neighbour has the supplying loop.

Diagram 2:
Looped Service

Two cables

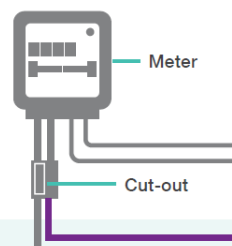
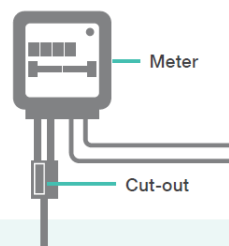


Diagram 3:
Single Supply at Cut-out

One cable



What do I need to do?

A looped service is safe to use but may need to be removed if:

- You or your neighbour request more power, for example where you are installing low carbon technology device such as electric vehicle charging point or heat pump; or
- You or your neighbour would like to move their meter.

You will need to notify us in your application or notification that a looped service is present. We will need to involve your neighbour as we will have to replace the looped service with a cable directly from the main network to their house.

How is a looped service removed?

Typically, the second cable will be disconnected from the shared cut-out position. We will need to install a new cable between the main network, usually in the footpath, and your neighbour's meter position. We will excavate their property/driveway to install the new cable, backfill and reinstate the surface. N.B all work will be discussed with you and your neighbour in advance of work starting.

Do I need to pay for the looped service to be removed?

No. The works to remove the looped service and replace it with a direct service cable from the mains network will be funded by us. You will not be required to pay towards these works. Any works required to your own connection to accommodate the changes you have requested will need to be funded by you.

Any more questions? You may contact us: By phone 0800 096 3080 or via our website www.nationalgrid.co.uk/contact-us