

Supplies to multi-occupied buildings

WHO IS AFFECTED?

A multi-occupied building is defined by UK Power Networks as a building occupied by more than one customer.

Any developer, designer or customer intending to construct a multi-occupied building will be affected by this new standard.

It is not intended that the provisions of this document are applied retrospectively to existing installations. When a multi-occupied building is to be refurbished, and this requires changes to the electricity service infrastructure with the building, then the opportunity to apply the new standard will be taken.



Why are changes being made?

In response to the Gas and Electricity (Internal Markets) 2011 regulations and the Energy Networks Association Engineering Recommendation G87 'Guidelines for the Provision of Low Voltage Connections to Multi Occupancy Buildings', UK Power Networks is introducing a single standard covering electrical services to multi-occupied buildings across all three of our Distribution Network Operator regions – the Eastern Power Networks (EPN), the London Power Network (LPN) and the South Eastern Power Network (SPN).

What does this mean?

Our new standard, EDS 08 0118 – Supplies to multi-occupied buildings, gives guidance on the provision of electrical services to multi-occupied buildings and for fire-fighting arrangements and can be found on the UK Power Networks web pages on the link below:

http://library.ukpowernetworks.co.uk/library/en/g81/Design_and_Planning/

This new standard impacts any new build or renovation of flats, office buildings and shopping centres.

If you require further information regarding the new standard, please contact your project designer or contact our 'Ask the expert' service on the following emails address: AsktheExpert@ukpowernetworks.co.uk

When will this be introduced?

EDS 08-0118 was first published on 1st October 2012 and came into effect for new quotations produced from 1st June 2013.

A quotation issued before 1st June 2013 but where the site work will be delivered after this date will **not** be subject to EDS 08-0118.

On the **1st March 2014** an updated version 2.0 was published.

Similarly quotations issued before **1st March 2014** are **not** subject to the updates of the new version 2.0.

UK Power Networks has issued EDS 08-0118 to ensure that:

- There are clear ownership boundaries and responsibilities when installing electrical services into multi occupied buildings
- A sound and safe system of earthing is provided

The key changes are:

- UK Power Networks shall not install or own Risers and Laterals
- UK Power Networks will not adopt Risers and Laterals
- The intake position shall be at ground level on or close as possible to an outside wall unless otherwise agreed with the UK Power Networks planner or designer