Cable Identification Policy

For whole current metering, load-carrying conductors shall be marked either L and N for single phase supplies, or L1, L2, L3 and N for polyphase supplies, whenever metering work is carried out. The markings will be applied as a minimum:

a) at the meter terminals (except the incoming terminals where security devices are fitted); and
b) at any equipment installed by Indigo Networks or our agents on the outgoing side of the meter which interfaces to the Customer's installation (e.g. isolation/supply switch, time switch, terminal blocks).

The markings may be by printed tape, tag or other suitable permanent medium.

Indigo Networks and their agents shall only connect a new Customer's circuit provided it is clearly and unambiguously identified at the end to be connected, either by colour or marking (e.g. L, L1, L2, L3, N) in accordance with the current version of BS 7671.

For single insulated cables, or the insulation of insulated and sheathed cable.

Indigo Networks and their agents shall use the following colours where they provide new or replacement tails:

The insulation of the line conductors of a polyphase phase supply shall be either:

a) all brown and marked L1, L2, L3 at both ends, or
b) brown, black and grey and marked L1, L2, L3 at both ends.

All neutral conductors shall have blue insulation and marked N at both ends.

For insulated and sheathed cables, the sheath may be the same colour as the insulation (as above). Where the sheath colour is not the same as the insulation, then it should be a colour other than brown, black, grey, blue, yellow, red, green or green/yellow, i.e. not any colour that is currently, or has historically, been used to identify line, neutral or earth conductors.

Where cables between the cut-out and outgoing side of the Metering Equipment require replacement, then all cables should be replaced by cables which comply with the above.

Indigo Networks will use the Energy Networks Association Technical Specification 50-19 standard ferruling marking at the interface (test terminal block and/or fuses/link) for all new and altered wiring.

At the Indigo Networks terminations, the markings shall be:

CTs:

D11, D10, D31, D30, D51, D50 (odd is "feed") Where a common return is used, then D10, D30, D50 become D70

Metering Potentials:

E10 or E11, E30 or E31, E50 or E51 (depending on whether the interface is the fuse/link or the test terminal block after the fuse).

Indigo Networks CT metering secondary voltage and current conductors for all new and altered wiring shall be either:

a) all one colour; or
b) brown, black, grey (phase colours) and blue (neutral)

MOCOPA Operators shall use the Energy Networks Association Technical Specification 50-19 ferruling marking for all new and altered CT metering wiring, and all CT metering secondary voltage and current conductors shall be:

a) all one colour; or
b) brown, black, grey (phase colours) and blue (neutral)

For avoidance of doubt, this may be a different colour to that provided by the Indigo Networks Auxiliary wiring (e.g. pulse, rate change and communications signals) does not need to conform but should be suitably identified.