

CABLE & OVERHEAD LINES

132kV	132kV
66kV	66kV
33kV	33kV
11kV	11kV
6.6kV	6.6kV
LV Mains / Services	LV Mains / Services
Surface Wiring	Surface Wiring
Pilot/Telephone	Pilot/Telephone

Underground Cables shown as broken line	Underground Cables shown as broken line
Indicates Assumed Route	Indicates Assumed Route
Indicates End of Assumed Route	Indicates End of Assumed Route
Cable Out of Commission & Unit for Service (No Cable Description Shown)	Cable Out of Commission & Unit for Service (No Cable Description Shown)
Cable Out of Commission & Re-commissionable (Cable Description Shown)	Cable Out of Commission & Re-commissionable (Cable Description Shown)

UNDERGROUND SYMBOLOGY

Joint (11kV & Above)	Joint (11kV & Above)
Overhead Repair	Overhead Repair
Cable Termination (Well or Pole Mounted & Insulated End)	Cable Termination (Well or Pole Mounted & Insulated End)
Uninsulated End	Uninsulated End
2 Insulated Ends In One Box	2 Insulated Ends In One Box
Joint (LV)	Joint (LV)
Pilot/Telephone Joint	Pilot/Telephone Joint
Street Lamp	Street Lamp
Traffic Sign	Traffic Sign
Telephone Call Box	Telephone Call Box

3 Way Leads Box (Solid Compound)	3 Way Leads Box (Solid Compound)
Leads Service Box	Leads Service Box
Leads Service Box (Special Middle Filing)	Leads Service Box (Special Middle Filing)
Pressure Pipe	Pressure Pipe
Pressure Equipment	Pressure Equipment
Earth Link Box	Earth Link Box
Duct (Showing No. of Ways)	Duct (Showing No. of Ways)
Reference to Cross Section (With Unique Identifier)	Reference to Cross Section (With Unique Identifier)
Feeder Pillar	Feeder Pillar
Closed LV Way	Closed LV Way
Open LV Way	Open LV Way
Link Box (4 Way)	Link Box (4 Way)

OVERHEAD SYMBOLOGY

Tower	Tower
Steel Mast	Steel Mast
H Pole	H Pole
Single Wood Pole	Single Wood Pole
Stay	Stay
Stays In Tandem	Stays In Tandem
Live Line Stay	Live Line Stay
Strut	Strut
Pole Mounted Transformer	Pole Mounted Transformer
LV Fuse	LV Fuse
Overhead Termination	Overhead Termination
Triggered Spark Gap	Triggered Spark Gap
LED Fault Flow Indicator (LED)	LED Fault Flow Indicator (LED)

Fuse	Fuse
Links	Links
Repeater Fuse	Repeater Fuse
Auto Recloser (slow)	Auto Recloser (slow)
Auto Recloser (High)	Auto Recloser (High)
Isolator	Isolator
Gas Extinction Isolator	Gas Extinction Isolator
Motors Isolator	Motors Isolator
MFI Motorised Fault Int. Isol.	MFI Motorised Fault Int. Isol.
AFS Auto Fault Sectionalizer	AFS Auto Fault Sectionalizer
FS Auto Sectionalizing Link	FS Auto Sectionalizing Link
Section	Section
Surge Divertor	Surge Divertor
Static Balancer	Static Balancer
Voltage Regulator	Voltage Regulator

EARTH CONNECTIONS

Earth Electrode	Earth Electrode
Aerial Earth Wire to Earth Electrode	Aerial Earth Wire to Earth Electrode
Neutral to Earth Electrode	Neutral to Earth Electrode
Neutral to Earth Electrode via Insulated Lead	Neutral to Earth Electrode via Insulated Lead
Neutral to Sheath	Neutral to Sheath
Neutral to Earth Conductor	Neutral to Earth Conductor
Neutral to Sheath to Earth Electrode	Neutral to Sheath to Earth Electrode
Neutral to Case to Earth Electrode	Neutral to Case to Earth Electrode
Tank to Earth Electrode	Tank to Earth Electrode
Tank to Earth Electrode via Insulated Lead	Tank to Earth Electrode via Insulated Lead
Neutral to Tank to Earth Electrode	Neutral to Tank to Earth Electrode

CODE LETTERS FOR CABLES

C	Concentric	Inner phase core
C..AI/Cu	Concentric	Outer concentric neutral
AI	Inner phase core	
Cu	Outer concentric neutral	
CAS	Corrugated Al sheath	
D	Districable	
SC	Concentric	Stranded Cu phase
TC	Concentric	Stranded Cu neutral
TWIN	Two phase cores	
Wf AI	Waveform	Inner phase core
		Middle concentric phase core
		Outer concentric neutral
		Solid Al phase cores
		Stranded Al neutral

ABBREVIATIONS

CG	Cable Guard
CTV	Cable TV Kiosk
ISU	Industrial Service Unit
LOO	Portoloo
MH	Man Hole
SF	Street Furniture
SLC	Street Light Control Lamp
SLS	Street Light Supply Point (Bulk Feed Point)

MISCELLANEOUS

★	Special Customer	Red Phase
■	Meter cabinet & ISU	Yellow Phase
●	Cut Out	Blue Phase
⊕	Address Point	Green Phase
⊙	Bird Flight Diverter	White Phase
▽	Current End Position for GIS	Phase Unknown
MP	Generator	Three Phase
◆	Marker Post	
		Cable 3500 db
		Depth Marker
		3500m AGL
		Height Above Ground Level
		3500m OD
		Height Above Sea Level (Ordnance Datum)



GIS Mains Record Symbolology

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