

LV CABLE COMMISSIONING TEST REPORT



CABLE NUMBER/S	LOCATION:	REPORT:
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FEEDER: _____

Preliminary Details: Main backbone identified as section 1, Each tee-off or spur identified as separate section

Section	From	To	Conductor Type and Size:
1			
2			
3			
4			

Core Continuity Instrument Number: _____

Readings in Ohms	Section	A-N	B-N	C-N	A-B	B-C	C-A
	1						
	2						
	3						
	4						

Insulation Resistance Instrument Number: _____

Readings in Megohms.

All cable sections together	A - B+C+N+E	B - A+C+N+E	C - A+B+N+E	N - A+B+C+E	Acceptance Levels
Test Voltage: 1.0kV @ 1Min					New 100MΩ, aged 1 MΩ

Sheath Integrity *Applicable to metallic screen cables only* Instrument Number: _____

Readings in Megohms.	All cable sections together Test Voltage: 1.0kV @ 1Min	Msh- E	Msh- E	Msh- E	Msh- E	Acceptance Levels Greater than 10 MΩ

MEN Resistance Instrument Number: _____

Readings in Ohms	Location	Ohms	Location	Ohms

Voltage Measurements Instrument Number: _____

Location	Voltage					
	A-N	B-N	C-N	A-B	B-C	C-A

LV Phase Out From: _____ To: _____ Instrument Number: _____

Voltage Measurement								
A1-A2	A1-B2	A1-C2	B1-A2	B1-B2	B1-C2	C1-A2	C1-B2	C1-C2

Phasing marked:	Yes / No	Cable number marked:	Yes / No / NA
MENs replaced:	Yes / No	Pillars/switchgear labelled:	Yes / No
Neutrals replaced:	Yes / No	Terminations tightened:	Yes / No
Fuses replaced:	Yes / No	Pillars/switchgear correct alignment/depth:	Yes / No
Polarity okay:	Yes / No	Pillars/switchgear closed/locked:	Yes / No

REMARKS:

TEST OFFICER: _____ DATE: _____ SUPERVISOR: _____