



PANEL DESCRIPTION FOR 11KV SWITCHGEAR

SL. No.	PANEL SPEC.	DESCRIPTION	TYPE OF PANEL	QTY.
1.	A	BUS VT-1	MEASURING PANEL	1 No.
2.	B	100KVA AUX. TRANSFORMER-1	OUTGOING PANEL	1 No.
3.	C	23MVA. TRANSFORMER-1	TRANSFORMER PANEL	1 No.
4.	D	CHANGAMA PORT	OUTGOING PANEL	1 No.
5.	E	KENYA OIL CORPORATION	OUTGOING PANEL	1 No.
6.	F	KENYA PIPELINE CORPORATION	INCOMING PANEL	1 No.
7.	G	DUMMY PANEL FOR AUX. TRANSFORMER-1	OUTGOING PANEL	1 No.
8.	H	BUS SECTION	BUS SECTION PANEL	1 No.
9.	I	23MVA. TRANSFORMER-2	TRANSFORMER PANEL	1 No.
10.	J	100KVA AUX. TRANSFORMER-1	OUTGOING PANEL	1 No.
11.	K	ISLAND-1	OUTGOING PANEL	1 No.
12.	L	ISLAND-2	OUTGOING PANEL	1 No.
13.	M	BUS VT-2	MEASURING PANEL	1 No.
12.	N	DUMMY PANEL FOR AUX. TRANSFORMER-2	OUTGOING PANEL	1 No.

PANEL DESCRIPTION FOR 33KV SWITCHGEAR

SL. No.	PANEL SPEC.	DESCRIPTION	QTY.	
1.	P1	BUS VT-1	MEASURING PANEL	1 No.
2.	P2	BUS VT-2	MEASURING PANEL	1 No.
3.	P3	SPARE-1	OUTGOING PANEL	1 No.
4.	P4	MBARAKI-2	OUTGOING PANEL	1 No.
5.	P5	MBARAKI-1	OUTGOING PANEL	1 No.
6.	P6	BAMBURI-3	OUTGOING PANEL	1 No.
7.	P7	60MVA TRANSFORMER	INCOMING PANEL	1 No.
8.	P8	23MVA. TRANSFORMER-1	TRANSFORMER PANEL	1 No.
9.	P9	MACHINE-2	INCOMING PANEL	1 No.
10.	P10	BAMBURI-2	OUTGOING PANEL	1 No.
11.	P11	BUS COUPLER	BUS COUPLER PANEL	1 No.
12.	P12	23MVA TRANSFORMER-2	TRANSFORMER PANEL	1 No.
13.	P13	MACHINE-1	INCOMING PANEL	1 No.
14.	P14	BUS SECTION	BUS SECTION PANEL	1 No.
15.	P15	30MVA TRANSFORMER-3	INCOMING PANEL	1 No.
16.	P16	60MVA TRANSFORMER-2	INCOMING PANEL	1 No.
17.	P17	BAMBURI-1	OUTGOING PANEL	1 No.
18.	P18	KENYA OIL REFINARY-3	OUTGOING PANEL	1 No.
19.	P19	KENYA OIL REFINARY-2	OUTGOING PANEL	1 No.
20.	P20	KENYA OIL REFINARY-1	OUTGOING PANEL	1 No.
21.	P21	SPARE-2	OUTGOING PANEL	1 No.
22.	P22	BUS VT-3	MEASURING PANEL	1 No.
C&R PANELS				
23.	R1	ACDB PANEL	1 No.	
24.	R2	DCDB PANEL	1 No.	
25.	R3	110V DC BATTERY CHARGER PANEL	1 No.	
26.	R4	REMOTE CONTROL SYSTEM	1 No.	
27.	R5	RTCC PANEL-1	1 No.	
28.	R6	RTCC PANEL-2	1 No.	

NOTE:-
1. * THESE PANEL DIMENSIONS ARE INDICATIVE ONLY. SAME SHALL BE FINISHED LATER.

ALL DIMENSIONS ARE IN MM

KENYA POWER AND LIGHTING Co. Ltd.

NORCONSULT

DISTRIBUTION REINFORCEMENT & UPGRADE CONTRACT-II,
SUBSTATIONS, TRANSFORMERS, LINES AND CABLES (AFD FINANCED COMPONENT)

PROJECT: KIBEVU - M14

TITLE: CONTROL ROOM BUILDING
PANEL ARRANGEMENT LAYOUT

DRAWING NO. SYS-7602PN027-M14-F-036

AREVA T&D INDIA LTD.
A-21-24, SECTOR-16
ELECTRONIC MARKET
NOIDA - 201301 (INDIA)

SCALE: 1:150
DATE: 01/09/2024

REV.	NO.	DESCRIPTION
0	0	FIRST ISSUE

REV.	NO.	DESCRIPTION	DATE	BY	CHECKED	DATE	BY	APPROVED	DATE	BY	STATUS

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