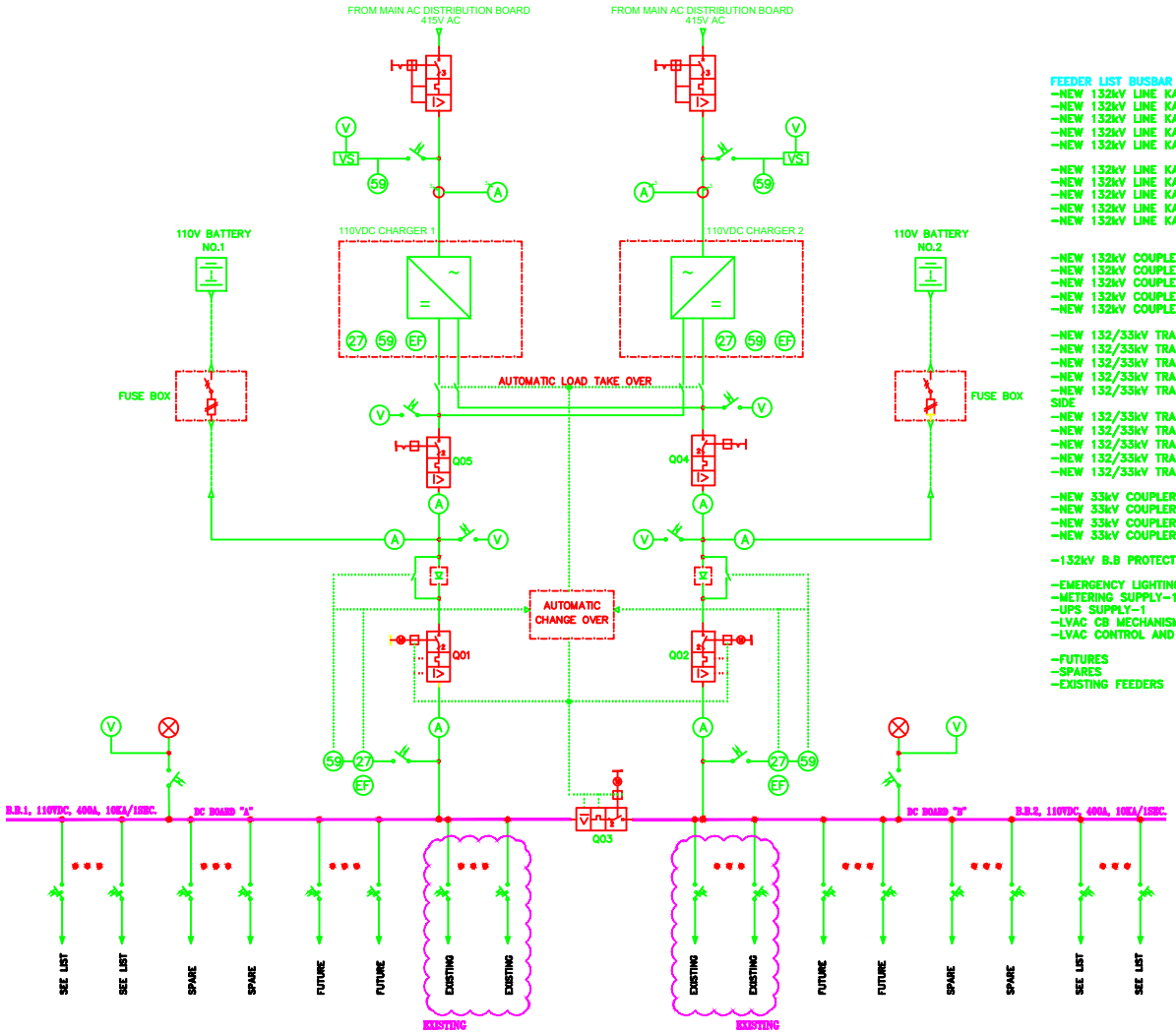

FEEDER LIST BUSBAR A:

-NEW 132kV LINE KABARNET-1 CONTROL & BACKUP PROTECTION
-NEW 132kV LINE KABARNET-1 PROTECTION MAIN I
-NEW 132kV LINE KABARNET-1 CLOSE COIL
-NEW 132kV LINE KABARNET-1 CB/DS/ES MECHANISM
-NEW 132kV LINE KABARNET-1 TRIP COIL I

-NEW 132kV LINE KABARNET-2 CONTROL & BACKUP PROTECTION
-NEW 132kV LINE KABARNET-2 PROTECTION MAIN I
-NEW 132kV LINE KABARNET-2 CLOSE COIL
-NEW 132kV LINE KABARNET-2 CB/DS/ES MECHANISM
-NEW 132kV LINE KABARNET-2 TRIP COIL I

-NEW 132kV COUPLER CONTROL & BACKUP PROTECTION
-NEW 132kV COUPLER PROTECTION MAIN I
-NEW 132kV COUPLER CLOSE COIL
-NEW 132kV COUPLER CB/DS/ES MECHANISM
-NEW 132kV COUPLER TRIP COIL I

-NEW 132/33kV TRANS 2 CONTROL & BACKUP PROTECTION
-NEW 132/33kV TRANS 2 PROTECTION MAIN I PRIMARY SIDE
-NEW 132/33kV TRANS 2 PROTECTION MAIN I SECONDARY SIDE
-NEW 132/33kV TRANS 2 CB/DS/ES MECHANISM PRIMARY
-NEW 132/33kV TRANS 2 CB/DS/ES MECHANISM SECONDARY SIDE
-NEW 132/33kV TRANS 2 CLOSE COIL PRIMARY SIDE
-NEW 132/33kV TRANS 2 CLOSE COIL SECONDARY SIDE
-NEW 132/33kV TRANS 2 TRIP COIL I PRIMARY SIDE
-NEW 132/33kV TRANS 2 TRIP COIL I SECONDARY SIDE
-NEW 132/33kV TRANS 2 AVR

-NEW 33kV COUPLER MAIN PROTECTION
-NEW 33kV COUPLER CLOSE COIL
-NEW 33kV COUPLER CB/DS/ES MECHANISM
-NEW 33kV COUPLER TRIP COIL I

-132kV B.B PROTECTION

-EMERGENCY LIGHTING-1
-METERING SUPPLY-1
-UPS SUPPLY-1
-LVAC CB MECHANISM-1
-LVAC CONTROL AND PROTECTION SUPPLY-1

-FUTURES
-SPARES
-EXISTING FEEDERS

FEEDER LIST BUSBAR B:

-132kV LINE KABARNET-1 PROTECTION MAIN II
-132kV LINE KABARNET-1 TRIP COIL II

-132kV LINE KABARNET-2 PROTECTION MAIN II
-132kV LINE KABARNET-2 TRIP COIL II

-132kV COUPLER PROTECTION MAIN II
-132kV COUPLER TRIP COIL II

-132/33kV TRANS 2 PROTECTION MAIN II PRIMARY SIDE
-132/33kV TRANS 2 PROTECTION MAIN II SECONDARY SIDE
-132/33kV TRANS 2 TRIP COIL II PRIMARY SIDE
-132/33kV TRANS 2 TRIP COIL II SECONDARY SIDE

-33kV COUPLER CONTROL AND BACKUP PROTECTION
-33kV COUPLER TRIP COIL II

-EMERGENCY LIGHTING-2
-METERING SUPPLY-2
-UPS SUPPLY-2
-DG CONTROL AND PROTECTION SUPPLY
-LVAC CB MECHANISM-2
-LVAC CONTROL AND PROTECTION SUPPLY-2

-FUTURES
-SPARES
-EXISTING FEEDERS

110V DC SINGLE LINE DIAGRAM

REFERENCE DRAWINGS

DRAWING NO.	TITLE

APPROVED | APPROVED WITH COMMENTS | NOT APPROVED | FOR INFORMATION

DATE:..... SIGNATURE/STAMP:.....

PROJECT CONSULTANT

KETRACO — Kenya Electricity Transmission Company Limited

KENYA ELECTRICITY TRANSMISSION COMPANY LTD

COLENCO — innovation for sustainable future

COLENCO CONSULTING LIMITED

PROJECT:

KENYA TRANSMISSION NETWORK IMPROVEMENT PROJECT (KTRNIP).

PROJECT DRAWING NO.:

	NAME:	DATE:
PREPARED:	NIL	
DRAWN:	J	07/05/2025
CHECKED:	V.JOSHI	07/05/2025
APPROVED:	S.DESHMUKH	07/05/2025

PROJECT NO.:

RUMURUTI 132/33kV SUBSTATION

TITLE:

110V DC SINGLE LINE DIAGRAM

REVISION	NO.	NAME	DATE

SCALE: 1:600 | DWG NO.: RUMURUTI-110VDC-SLD-001 | REV.: