DOUBLE CIRCUIT OVERHEAD LINE TO ISINYA CIRCUIT 1

=20C10

DOUBLE CIRCUIT OVERHEAD LINE TO ISINYA CIRCUIT 2

=20C11

KESIP SCOPE:
THIS LINE TAG WILL BE CHANGED IN TO "KIMUKA 2"

METERING

=20C00

AC VOLTAGE TRANSFORMER

(1) -T5; -T15, -T25: WINDING 1: 400kV/√3 // 110V/√3; CL. 0.2; 10 VA
WINDING 2: 400kV/√3 // 110V/√3; CL. 0.5/3P 50 VA
WINDING 3: 400kV/√3 // 110V/√3; CL. 0.5/3P 50 VA

(2) EEPCO -T15, KETRACO -T25: WINDING 1, 2: 400/√3 kV // 110/√3 V; CL. 0.2; 10 VA

BB1 400 kV /AA2.13

BB2 400 kV /AA2.13

A

B

C

AUTO TRANSFORMER 2 =20T02

AUTO TRANSFORMER 3 =20T03

KESIP SCOPE:
BOTH MAIN I AND MAIN II EXISTING PROTECTIONS
WILL BE RETESTED AND RECOMMISSIONED WITH ALL REQUIRED MODIFICATION SUCH AS RELAY SETTINGS, TAGS AND ETCETERA.
THE SCADA ALARMS AND SIGNALS SHALL ALSO BE UPDATED CONSIDERING THE RELATED DISPATCHING CENTERS.
Remark: Due to the changes in the interconnection between existing substations (Suswa-Isinya) and establishing LILO to New Kimuka SS (under KESIP scope of work), all of the required updating and re-commissioning works and also end-to-end tests shall be carried out by the EPC Contractor in the existing telecommunication system of Suswa SS, Isinya SS and RCC.

	B	=20B00	N-000063_E_C2_0302_S_20B00		AA3	
KETRACO KENYA EKPSIP, 2x1000MW SUSWA CONVERTER STATION					N-000063_E_C2_0302_S_20B00	
				Date	2016.04.01	MEASURING SCHEME
				Drawn	GRUTTNER	AC SINGLE LINE
				Appr.	FISCHER	Overview diagram
				Norm	SAUER	
				SIEMENS		(0)ES0105-BD607-B104-C0 Sheet 34
C0	TEST REV.	2019.08.29	SCH			5 Sh.
Rev.	Remarks	Date	Name			Orig./Repl.f./Repl.by

Copyright (c) Siemens AG 2016 All Rights Reserved