KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

P. O. Box 47400 – 00100 | TEL. +254 - 20 484 0000 | Nairobi, Kenya

Email: info@kenas.go.ke | Web: www.kenas.go.ke

SCHEDULE OF ACCREDITATION

KENYA POWER & LIGHTING COMPANY PLC-METER CENTRAL LABORATORY

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/021**

PERMANENT ADDRESS OF LABORATORY

P. O. BOX 30099-0100 NAIROBI, KENYA

METER CENTRAL LABORATORY, KENYA POWER RUARAKA COMPLEX
OFF THIKA SUPERHIGHWAY

Tel: +254 711031000

Email: CNdung'u@kplc.co.ke
Website: www.kplc.co.ke

Chief Officer,QMS:

Catherine Ndung'u

Technical Signatories:

1. Patricia Ng'ang'a-AC/DC/Energy
2. John Kenyanya - AC/DC/Energy

Expiry Date: 06-September-2027

Approved by: _____

KENAS ~~CEO~~/ Authorized Representative

Date: 05-November-2025

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SCHEDULE OF ACCREDITATION – KPC METER CENTRAL CALIBRATION LABORATORY

1.0Calibration Field: AC/DC Voltage and Current

Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability(CMC) ±expanded uncertainty)	Calibration Site
Direct measuring multimeters and AC Voltmeters	Voltage	Direct Comparison Work Instruction KP/13B.1/QMS/WI/01	Fluke 5522A Multiproduct calibrator **Traceability:** KEBS/BS/MET/9/3/67/089	3mV to 30mV	$\pm 0.2\times10^{-3}$ mV	Meter Central Laboratory
				33mV to 300mV	$\pm 60.0\times10^{-6}$ mV	
				330mV to 3mV		
				3.3mV to 30mV	$\pm 80.0\times10^{-6}$ mV	
				33mV to 300mV		
				330mV to 1000mV		
Direct measuring multimeters and DC Voltmeters	Voltage	Direct Comparison Work Instruction KP/13B.1/QMS/WI/02	Fluke 5522A Multiproduct calibrator **Traceability:** KEBS/BS/MET/9/3/67/089	100mV to 300mV	$\pm 1.8\times10^{-6}$ mV	Meter Central Laboratory
				1V to 30V	$\pm 3.0\times10^{-6}$ V	
				30V to 300V	$\pm 13.0\times10^{-6}$ V	
				300V to 1000V		
Direct measuring multimeters and AC Ammeters	Current	Direct Comparison Work Instruction KP/13B.1/QMS/WI/08	Fluke 5522A Multiproduct calibrator **Traceability:** KEBS/BS/MET/9/3/67/089	100µA to 300µA	$\pm 0.2\times10^{-3}$ µA	Meter Central Laboratory
				3mA to 300mA	$\pm 0.3\times10^{-3}$ mA	
				0.3A to 3A	$\pm 0.4\times10^{-3}$ A	
				3A to 20A		
Direct measuring multimeters and DC Ammeters	Current	Direct Comparison Work Instruction KP/13B.1/QMS/WI/03	Fluke 5522A Multiproduct calibrator **Traceability:** KEBS/BS/MET/9/3/67/089	100µA to 300µA	$\pm 20.0\times10^{-6}$ µA	Meter Central Laboratory
				3mA to 300mA	$\pm 24.0\times10^{-6}$ mA	
				0.3A to 3A	$\pm 0.4\times10^{-3}$ A	
				0.3A to 20 A	$\pm 34.0\times10^{-6}$ A	

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2.0 Calibration Field: Energy

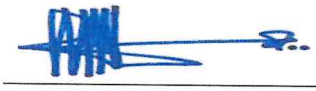
Equipment to be calibrated	Measurand	Calibration Method	Reference Standard	Range	Calibration and Measurement Capability (CMC) ±expanded uncertainty)	Calibration Site
SINGLE- PHASE 0.5A TO 100A; 0-1PF,0-240v (50Hz) THREE-PHASE 0.5A TO 100A; 0-1PF,0-480V (50Hz)	Active Energy (A)	Direct Comparison Work Instruction KP/13B.1/Q MS/WI/06	PRS.200.3 **Traceability:** KEBS/BS/MET/ 12/3/12/140	0.5A to 100A	± 0.095%	Meter Central Laboratory

*The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor k = 2, corresponding to a confidence level of approximately 95%.

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	14-Sep-2023	14-Sep-2023	13-Sep-2027

This schedule is issued subject to the terms and conditions of KENAS Accreditation. It supersedes any other schedule(s) issued in the past

Approved by:  Date: 05-November-2025

KENAS ~~CEO~~/ Authorized Representative