

MICHAEL BUABIN

Resume/Curriculum Vitae

Work Experience

December, 2024 - Date Electricity Company of Ghana Tema Region
Ghana

Regional Engineer/Tema

- Initiating and executing Development and Rechargeable Projects, day to day running of Engineering and Operations in the Region by performing managerial functions and roles to achieve set targets and Goals

December, December 2020 - January 2024 Electricity Company of Ghana
Volta Region Ghana

Regional Engineer/Volta

- Identified and initiated project proposals with the objective of creating supply flexibility and redundancies in the 11KV distribution system
- Took deliberate steps to reduce distribution transformer failures
- Identified training needs of direct reports and appraise their performance.
- Undertook other assignments within my competence as directed by the General Manager.

March, 2019 - December 2020 Electricity Company of Ghana Project Office
Accra, Ghana

Manager/ Network Monitoring - Concession Performance Management Strategy & Policy Development

- Provided input in developing short/long-term distribution and project/investment plans for ECG. Enforced the implementation of the approved policies, standards operating procedures (SOPs) and work plans.
- Conducted performance monitoring of ECG's projects to ensure compliance and adherence to approved project standards, time, cost and technical specifications.

-
- Developed and maintained professional relationship with staff of ECG and other key stakeholders to facilitate/enhance the operations of the Monitoring and Evaluation function.

**March, 2011 - February, 2019 Electricity Company of Ghana Accra East Region
Accra, Ghana**

Regional Maintenance Engineer - Accra East Region

- Prepared and submitted weekly, monthly and quarterly reports for Management Information and decision making.
- Prepared proposals to replace/repair faulty/damaged/substandard network and substation equipment after receipt of notification.
- Ensured the safety of staff, public and equipment thereby ensuring that all networks are maintained to Safety standards

**April 2008 - February 2011 Electricity Company of Ghana Accra East Region
Accra, Ghana**

District Engineer - Kwabenya District

- Ensured 24/7 operation of the District's Low and Medium voltage networks and Secondary Substations.
- Prepared proposals for system development project and quality improvement
- Managed all ECG capital operational assets to ensure continuous power supply to end users.
- Involved in the training of newly engaged technical personnel to ECG
- Submission of monthly reports for Regional management decision.

**April 2008 - June 2008 Regional Maritime University Accra East Region
Accra, Ghana**

Part - Time lecturer

- Conducted tutorials, assisted in the preparation of course files relevant to my area
- Conducted mid semester and end of semester examinations in line with academic rules
- Conducted laboratory and practical training

November 2005 - August 2006

GE Energy, Dartford

**United Kingdom
Medway, Kent**

Motor & Generator Winder

- Participated in teams to undertake complete rotor field rewind including main lead
- Involved in group routine inspection and maintenance of stators and rotors (Medway power station and little brook power station at Dartford, Kent)
- Performed stator re-wedge, repairs and cleaning of gas fired units at Medway Power station
- Performed various incoming test on generators

February 2002 - February 2005

Electricity Company of Ghana

**Accra East Region
Accra Region**

Investigator 1 - Revenue Protection

- Investigated power theft complaint received via telephone or walk in
- Investigated alleged power theft and regularize such cases when confirmed
- Liaised with law enforcement agencies to provide backup assistance to our teams

September 1998 - February 2002

Electricity Company of Ghana

**HO Region
Volta Region**

District Engineer - Ho District

- Ensured 24/7 operation of the District's Low and Medium Voltage network
- Involved in the District revenue collection drive
- Submission of monthly reports to the District Manager

August 1998 - September 1999

Electricity Company of Ghana

**Sub-T Region
Accra, Accra**

Trainee (for eleven {13} months

Area of training

Region/Section

33KV Power transformer maintenance

Sub-transmission / Maintenance

11KV Network Operations and Maintenance

Accra East / Legon District

Control operations duties

Sub-transmission / Control Room

Design and Construction Trainees

Head Office / project Office

NATIONAL SERVICE

August 1993 - July 1994

Central Agricultural
M/A Junior School

Kwadaso-Kumasi
Ashanti Region

Taught basic Mathematics
Technical Drawing
Football coach

August 1997-August 1998

Westphalia Children Village
Children Village

Oyoko - Effijuase
Ashanti Region

Conducting basic power audit
Minor repair works

Special on the job assignments

- Regional Team Lead/Coordinator for Accra East Technical Assessment of ECG Asset Project sponsored by MIDA-(Commenced March 2017 and ended 2019)
- Initiated proposals for the implementation of the VIT Self healing distribution Automation System (VIT Load Break Switch & Recloser) - April 2013 and May 2018
- As a counterpart planning Engineer with representatives from Project Office to offload the newly constructed 33/11KV Kwabenya primary station. Identified and initiated proposals with the objective of creating supply flexibility and redundancies in the 11KV distribution network in Accra Dome Kwabenya catchment area - January 2010 to January 2011
- Analysis on why primary distribution feeders trip during rains and subsequent presentation at the 8th Engineers forum held in Accra - September 2017

Education

2006 - 12/2007	MSc (Merit) Electrical Power Engineering <i>Project: Effective Solar Garden Light</i>	University of Greenwich, United Kingdom
10/04 - 07/2005	BSc (Hons) 2 nd Lower Division Electrical & Electronic Engineering	University of Greenwich United Kingdom
09/94 - 12/1997	HND 2 nd Upper Division Electrical & Electronic Engineering	Kumasi Polytechnic Ghana
06/ 1996	G.C.E Ordinary Level	Private Candidate
07/ 1994	Electrical Engineering Technician Part 2	Accra Polytechnic Ghana
07/ 1991	Electrical Engineering Technician Part 1	Kumasi Technical Ghana

Trainings & Seminars

- FAT and inspection of medium voltage cables at Hengton Optic Electric Company Limited in the People's Republic of China from **27th November to 3rd December 2018**
- Conditions of contracts training for construction organized by West Africa Built Environment Research (WABER) Conference from **5th November to 7th November 2018**
- Local training (Finalisation phase) of Maintenance Management for productivity improvement supervised by JICA Ghana from **April 2015 to 9th July 2015**
- Overseas training (Core phase) in Maintenance Management for productivity improvement, organised by JICA Kitakyushu Centre in Japan from **16th February 2015 to 24th April 2015**
- Overseas training in Substation Maintenance and electrical safety for utilities, organised by AVO Training Institute in Dallas Texas from the **8th October 2012 to 25th October 2012**

- Overseas training in low voltage switchgear protection and maintenance, organised by the association for overseas technical scholarship (AOTS) of India at AOTS Pune centre from **3rd September - 14th September 2012**
- Introduction to World Wide Web design, organised by the University of Greenwich in United Kingdom from **2nd November 2004 to 8th December 2004**
- Overseas training in Leadership and Influence program organised by the GlocalPM, Inc in Singapore from the **30th May - 3rd June 2023**
- Local training in Reliability Centered Maintenance organised by the Capital Group in Ghana from **13 May - 17th May 2024**

Membership of professional bodies

Year	Professional body	Class of membership
09/2009	Ghana Institution of Engineers	Corporate member (MGhiE) Membership NO: 05993
05/2019	Institution of Electrical Engineers	Member (IEEE) Membership NO: 95702297
09/2020	Project Management Institute Ghana & Global	Membership - PMP & CAPM Membership NO: 5546043

Recipient of £4000 from Allan & Nesta Ferguson Charitable Trust in the United Kingdom for the MSc Power Engineering Programme at Greenwich University, UK

REFEREES

Ing. Dr Obu-Cann

Electricity Company of Ghana, Director of Operations

PO Box GP 521, Accra-Ghana. Telephone: 233(0) 20 813 6467

Ing. Emmanuel Ankomah

Electricity Company of Ghana, General Manager/Tema Region

PO Box 43. Telephone: 233(0) 244 372 239

Email: mickymensa@gmail.com / mbuabin@ecggh.com,

Mobile: +233(0) 55 455 9968

Digital Address: GE - 017 - 9113

