



## **CAREER OPPORTUNITY**

The Kenya Power and Lighting Company PLC is a well-established and recognized leader in electricity distribution and retail in the region. KPLC is established as a limited liability company under the Companies Act, Cap 486, and Laws of Kenya. The Company's key mandate is to purchase bulk electricity supply, distribute and retail electricity to end-user customers throughout Kenya. KPLC is at the forefront of spearheading accomplishment of Vision 2030. Kenya Power is seeking to recruit results driven and highly motivated individuals to fill the following exciting and challenging positions within the Power Systems Planning Department;

### **1. CHIEF ENGINEER, GENERATION PLANNING - MG 06** **Job Ref. HR: KP1/5B.2/1/3/1608**

This position will be reporting to **Manager, Power System Planning**. The **key duties** and responsibilities will include;

- Preparing the Least Cost Power Development Plan (LCPDP) for generation and transmission systems
- Carrying out generation expansion simulations.
- Preparing annual and long term power and energy balances.
- Liaising with energy sector stakeholders on generation strategies.
- Maintaining data on key indicators of power generation.
- Planning for power generation in line with power system development objectives.
- Carrying out Power generation studies and making recommendations for power utilisation.
- Maintenance, evaluation and regular upgrade of generation planning tools
- Undertaking economic studies on the power industry to ensure cost effective generation mix.
- Compiling management reports for internal and external users and other agencies
- Responsible for managing risk and implementation of mitigation strategies.
- Ensuring compliance of the Company policies, regulations, standards and procedures to enhance operational efficiency.
- Coaching, mentoring and developing the team to ensure optimal performance and effective succession planning

### **Appointment Specification**

- Bachelor of Science Degree in Electrical Engineering or related field from a recognized Institution.
- Nine (9) years' relevant work experience in generation simulation tools, power planning or energy modelling, three (3) of which should be in a Supervisory role.

- Registration as a Professional Engineer with the Engineers Board of Kenya (EBK).
- Strong Analytical Skills
- Problem solving skills
- Strategic thinker
- Communication skills
- Interpersonal & negotiation skills
- Drive for results
- Customer Focus

**2. SENIOR ENGINEER, GENERATION PLANNING - MG 07**  
**Job Ref. HR: KP1/5B.2/1/3/1609**

This position will be reporting to **Chief Engineer, Generation Planning**. The **key duties** and responsibilities will include;

- Assist in preparing the Least Cost Power Development Plan (LCPDP) for the power generation and transmission system expansion.
- Carrying out generation expansion simulations.
- Preparing annual and long term power and energy balances.
- Maintaining data on key indicators of power demand and generation.
- Assist in planning for power generation in line with power system development objectives.
- Carrying out power generation studies and making recommendations for power utilisation.
- Maintenance, evaluation and regular upgrade of generation planning tools.
- Undertaking technical and economic studies on the power industry towards enhancing supply quality and ensuring cost effective generation mix.
- Assisting in development and implementation of power sector policies.
- Assisting in technical supporting development and negotiation of Power Purchase Agreements.
- Compiling management reports for internal and external users and other agencies.
- Responsible for managing risk and implementation of mitigation strategies.
- Ensuring compliance of the Company policies, regulations, standards and procedures to enhance operational efficiency.
- Coaching, mentoring and developing the team to ensure optimal performance and effective succession planning.

**Appointment Specification**

- Bachelor of Science Degree in Electrical Engineering or related field from a recognized Institution.
- Eight (8) years' relevant work experience in generation simulation tools, power planning or energy modelling, three (3) of which should be in a Supervisory role.

- Registration as a Professional Engineer with the Engineers Board of Kenya (EBK).
- Strong Analytical Skills
- Problem solving skills
- Strategic thinker
- Communication skills
- Interpersonal & negotiation skills
- Drive for results
- Customer Focus

**3. SENIOR ENGINEER, TRANSMISSION PLANNING - MG 07**  
**Job Ref. HR: KP1/5B.2/1/3/1610**

This position will be reporting to **Chief Engineer, Transmission Planning**. The **key duties** and responsibilities will include;

- Assisting in planning for power system transmission network improvement.
- Liaising with energy sector stakeholders on power transmission strategies.
- Maintaining power transmission data for modelling and improvement of transmission network.
- Carrying out studies and making recommendations for power transmission system reinforcement and expansion.
- Carrying out grid connection impact studies for power plants before commissioning.
- Carrying out studies to inform outage planning for transmission lines and substations including integration of new ones.
- Participating in transmission system expansion feasibility studies recommended in the Least Cost Power Development Plan.
- Maintaining data on annual power and energy demand to facilitate update of the transmission least cost development plan.
- Preparing status reports on power transmission system network performance
- Responsible for managing risk and implementation of mitigation strategies.
- Ensuring compliance of the Company policies, regulations, standards and procedures to enhance operational efficiency.
- Coaching, mentoring and developing the team to ensure optimal performance and effective succession planning.

**Appointment Specification**

- Bachelor of Science Degree in Electrical Engineering or related field from a recognized Institution.
- Eight (8) years' relevant work experience in the use of generation simulation tools, power planning or energy modelling, three (3) of which should be in a Supervisory role.
- Registration as a Professional Engineer with the Engineers Board of Kenya (EBK).
- Strong Analytical Skills
- Problem solving skills
- Strategic thinker

- Communication skills
- Interpersonal & negotiation skills
- Drive for results
- Customer Focus

### **HOW TO APPLY**

Interested persons should submit their applications **online** through **visiting Kenya Power website** on **<http://www.kplc.co.ke>**. Attach detailed Curriculum Vitae, copies of academic and professional certificates and other testimonials. Please note that we may use this information to conduct background verification during the recruitment process. Quote the title of the position you are applying for and include your mobile telephone contact and email address and to be received not later than **Monday, 23<sup>rd</sup> September, 2024**.

**Only candidates offered employment shall present the following clearance certificates;**

- Valid Certificate of Good Conduct from the Directorate of Criminal Investigations
- Valid Clearance Certificate from Higher Education Loans Board (HELB)
- Valid Tax Compliance Certificate from Kenya Revenue Authority (KRA);
- Current Clearance from the Ethics and Anti-Corruption Commission (EACC);
- Current Report from an approved Credit Reference Bureau (CRB)

**Canvassing will lead to automatic disqualification.**

**Kenya Power is an Equal Opportunity Employer.**

Kenya Power does not charge any fee at any stage of the recruitment process (*application, shortlisting, interviewing, and/or offer*)