



**3238/OC-GY; 3239/BL-GY: POWER UTILITY UPGRADE PROGRAM;
GRT/EX-14519-GY: NON REIMBURSABLE FINANCING AGREEMENT**

GUYANA

VACANCY

SCADA Operations Analyst

The Government of the Cooperative Republic of Guyana has received financing from the Inter-American Development Bank (IDB) and the Caribbean Investment Facility (CIF) of the European Union (EU) towards the cost of a Power Utility Upgrade Program and it intends to apply part of the proceeds to eligible payments under a contract of services for a SCADA Operations Analyst for Guyana Power and Light Inc.

The Guyana Power & Light Inc. now invites applications from suitably qualified candidates to fill the vacancy of SCADA Operations Analyst within the Operations Division, Georgetown.

The objective of the post is to support GPL's system operations by generating SCADA reports and conducting operational functions such as: recommend outages, schedule generation on merit order, report transmission limits and limit violations and utilize Energy Management Systems (EMS) including AGC, load flow and contingency studies.

Under the direction of the Divisional Director-Operations, the successful candidate will be responsible as follows:

(a) Essentials of the Job

1. Extract SCADA reports as required and ability to extract troubleshooting reports related to the real time operation or simulation studies
2. Create and maintain Grid topology modeling of the network and associate analog measurements with electrical equipment, create static network parameters (lines, transformers, transformer taps, ground resistors, shunt devices, generators, loads)
3. Filter measurements through a State Estimator, launch AGC, input short term Load Forecasting, and run Load Flow and Fault studies
4. Ability to conduct operational studies for load flow and contingency analysis, and assess impacts of outage schedules.
5. Provide reports on system limit violations and SCADA reports from main outages.
6. Divisional target on key performance indicators for monthly, quarterly, annual and multi-year time frame as well as their current status

7. Quarterly and annual divisional budgets and reports; On-demand plans, reports and presentations
8. Extract summary of daily operation results including energy generation, load demand and interruption to customers
9. Monthly, quarterly, annual and multi-year key performance indicators for each generator, transmission line and distribution feeder
10. Annual reliability performance target for each generator, transmission line and distribution feeder
11. Manage databases, including but is not limited to data security
12. Capable of working extended hours

b) Key Responsibility Areas

1. Assistance to the Divisional Director and Department Managers in preparation of Annual Divisional Business Plan
2. Ensure that the training simulator is operational and tuned.
3. Assist with the development of training cases on the training simulator for operators and engineer training.
4. Assistance in establishment of divisional target on key performance indicators for monthly, quarterly, annual and multi-year as well as analysis of their current status and assist in developing budgets
5. Analysis of daily operation results and preparation of reports on energy generation, load demand and interruptions to customers
6. Calculation and analysis of monthly, quarterly, annual and multi-year key performance indicators for each generator, transmission line and distribution feeder
7. Oversee the design and development of suitable databases, data collection system, data analytics and other strategies that optimize statistical efficiency and quality.
8. Summary and preparation of learning, development and performance evaluation plans for Department Managers and senior engineers
9. Ensure individual learning, development and performance plans in consistent with the Divisional Business Plan

JOB /QUALIFICATION(S) AND EXPERIENCE:

Applicant is required to have a Bachelors of Science/Engineering Degree in Power/Electrical/Mechanical Engineering or its equivalent from an accredited institution with five (5) years' experience. Engineering experience is an asset. The successful candidate will receive specialised on-the-job training during the first year of service.

Applicants must be from an Inter-American Development Bank member country or recognized as eligible by the European Union under its applicable regulations on procurement.

Salary Grade - Salary and benefits package are commensurate with qualifications and experience.

Applications should be submitted to the Deputy Human Resources Manager, Guyana Power and Light Inc. 257/259 Middle Street Annex, Georgetown not later than August 9, 2019. Alternatively, applications can be emailed to dderoy@gplinc.com cc: puup.coordinator@gplinc.com, sogle@gplinc.com

“GPL Inc. being an equal opportunity employer”