

BAHAMAS POWER AND LIGHT COMPANY LTD.
VACANCY NOTICE



VN.NO. 2023-71

ASSISTANT ENGINEER - OPERATIONAL TECHNOLOGY

A vacancy exists in the Company for the position of **Assistant Engineer** in the Operational Technology Department.

The Position

This job is that of a support staff who supports the Engineer, oversees and administers the company's DCS and SCADA computer systems and participates in the planning, design and execution of control system upgrades, design of frontend systems and technical reports. The job works with minimal supervision and provides control and application development and support for all Bahamas Power and Light (BPL) Operational Technology (OT) systems as required.

Responsibilities of the position include, but are not limited to, the following:

- Assists the Engineer and Manager in planning the activities of the department.
- Assists with the coordination of all maintenance activities related to DCS and SCADA systems. Receives and log requests from operations on problems/requirements regarding computer control functions in concerned unit.
- Performs administrated duties as assigned by the Engineer and/or Managers including the monitoring and maintaining of the company's DCS and SCADA systems.
- Plans and manages projects to upgrade and maintain computer systems.
- Assists with the Disaster Recovery for servers and workstations.
- Ensures that the OPC data collection, data archiving and data transfer to SCADA system is working properly.
- Ensures availability and reliability of the DCS and SCADA systems and network.
- Organizes and oversees appropriate routine tests and preventative maintenance tasks on web based report systems.
- Develops and maintains SOP and procedures for computerized system.
- Supports BPL Family Island DCS and SCADA control systems.
- Responsible for coordinating all maintenance activities related to DCS and SCADA systems. Receives and log requests from operations on problems/requirements regarding computer control functions in concerned unit.
- Executes projects, performs project management tasks and oversees team members.
- Acts as project manager to ensure the proper execution of control system projects.
- Design and development of HMI applications.
- Maintains software, hardware, communications and security patches for all control servers, desktops, laptops and other equipment, including storage management and backups.
- Provides training for all control system users.
- Replacing and installing of software as needed.
- Updates oneself on the latest international standards in terms of DCS design, PLC design, network design practices and their applications.
- Monitors application and database performance and provides recommendations for improving reliability and stability.
- Develops and/or optimizes SCADA software for local HMI control and operation of distributed control systems.
- Analyzes P&IDs and electrical schematics to facilitate control system development.
- Assists in the preparation of long-term budgets
- Manages assigned projects to optimize costs and performance improvements.
- Performs other related duties as required.

Job requirements include:

- Bachelor's Degree in Electrical Engineering or equivalent or more than 5 years' experience in the control system field with related training in control systems;
- Working experience in SCADA systems such as iFix, ABB 800xA or OSI Monarch OpenView;
- Working experience with Instruments and ISA standards;
- Working knowledge in design and development of DCS and SCADA systems;
- Basic knowledge SCADA systems;
- Knowledge of personal computer (PC) hardware, software, and application programs;
- A reputation as an honest and ethical person;
- Good verbal and writing skills.

Interested persons should apply to Afuture@bplco.com on or before **November 6, 2023.**

Only candidates meeting the criteria will be contacted.