

BAHAMAS POWER AND LIGHT COMPANY LTD.
VACANCY NOTICE



VN.NO. 2023-70

TECHNICAL ASSISTANT – SYSTEM DEVELOPMENT

A vacancy exists in the Company for the position of **Technical Assistant - System Development** in the Operational Technology Department.

The Position

The job supports the development and administration of the SCADA system at the T&D Field Operations System Control Center, the Energy Supply Generator Control Center (GCC), and the Family Islands. This includes ensuring real-time data and data quality to the SCADA systems.

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

- Reviews single line diagrams (SLD) for the electrical transmission and distribution systems;
- Reviews P&ID diagrams, instrument index, and equipment list for the generator process control systems;
- Investigates, records and responds to data quality issues on SCADA;
- Performs system-troubleshooting tasks on an as needed basis;
- Development of SCADA HMI screens, navigation menu and trending;
- Development of SCADA database points;
- Meets regularly with T&D Field Operations to get feedback and determine corrections to SCADA;
- Prepares and exports SOE, alarms, event reports and other reports from SCADA;
- Represents the Corporation at meetings with OEM representatives;
- Opens work orders in cooperate computerized work order system;
- Creates and tracks purchase order requisitions;
- Plans upgrades, create procedures and SOP, communications, maintenance including action plans and budgets;
- Coordinates projects, executes administrative, maintenance and upgrades of DCS and SCADA computer systems;
- Designs and implements frontend systems and technical reports for the DCS, SCADA and other HMI systems;
- Develops and maintains a disaster recovery plan;
- Performs routine system backups and recovery of the SCADA system;
- Develops an installation and operational qualification testing plan;
- Implements OEM patches to the system;
- Works with technical field staff to troubleshoot and resolve communication issues;
- Assists in the development of project scopes, control description, and control concepts for control systems;
- Coordinates testing of new solutions or changes to existing solutions to ensure data integrity and quality;
- Assists with development of points lists, RTU configuration and IED equipment setup to meet requirements;
- Mentors team members on new SCADA technologies, tools, processes, and standards;
- Performs alarm rationalization and management to ensure alarm performance and reduce nuisance alarms;
- Reviews security controls, liaise with OEM and provide recommendations to mitigate security risks;
- Facilitates the change management process;
- Conducts training for personnel at site as needed;
- Undertakes other duties as directed by the Manager.

Job requirements include:

- Requires 2 years' experience in related SCADA system development and administration work.
- Engineering background in Process or Electrical systems.
- Certification in a SCADA systems or equivalent qualifications.
- Sound technical knowledge of basic SCADA systems.

Interested persons should apply to Afuture@bplco.com on or before: **November 6, 2023.**
Only candidates meeting the criteria will be contacted.