



APPLICANT INFORMATION PACK

Director Systems Control

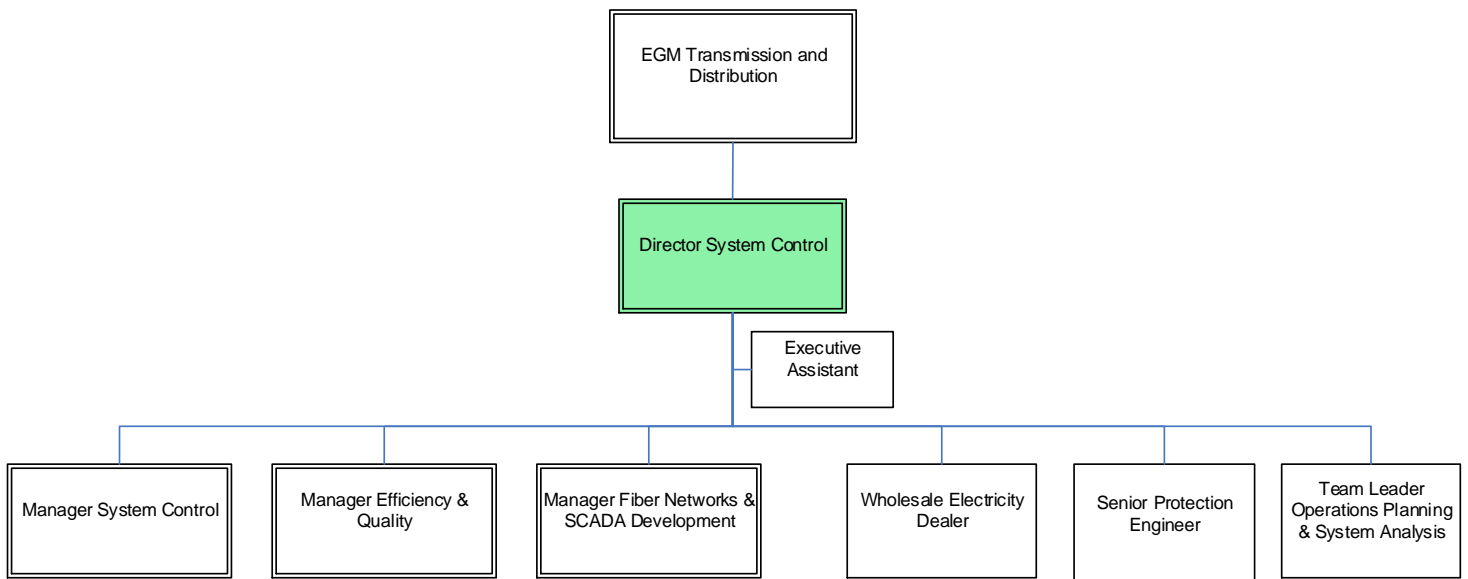
Overview

The Role

- To translate System Operations strategies, policies and philosophies into detailed planned arrangements for deploying system operations effort
- Also to contribute to the development of PPL's ability to optimise the life-cycle value of its operating assets
- And to ensure that its systems operations people, process and plant assets have and maintain the capability needed to meet its business needs

Reporting Relationships

This role reports to the Executive General Manager Generation. The team structure is depicted below.



Key Responsibilities and Accountabilities

The following table highlights this position's key responsibilities and accountabilities. It is not an exhaustive list however, and the position holder can expect to be engaged in other activities where they can add value to PPL and for which they are competent.

You are <u>responsible</u> for the following activities at a regional level	You are <u>accountable</u> for how well the following deliverables are achieved
Managing System Control	<ul style="list-style-type: none"> • System frequency and voltage are monitored and generation forecast are planned and determined daily. • Ensure status reports on generation, transmission and distribution plant are provided on a daily basis. • Operational fault reports are provided after every fault for analysis purposes. • Switching programs are developed and implemented. • Ensure load shedding schedules are updated and provided in a timely manner. • Ensure the monitoring of the day to day operation of systems and centres and reported.
Demand Implication Analysis	Ensure energy demand forecasting process is developed and implemented
Systems Constraints Analysis	Ensure that all network management practices meet standardised operating procedures which are current, reflect best practice and are in line with the standards set by ICCC
Capacity Analysis	Ensure accurate collection of generation, transmission and distribution statistics Responsible for collecting data and compiling company plant reliability and availability reports.
Production	Be an active leader and team player ensuring a cohesive System Control team striving together for high performance and profit
Optimisation	Ensure that staff s have the skills, knowledge and resources to perform work at optimal level at all times. Ensure plant and systems operate at optimal level
Outage Planning	Ensure all operational systems and plant outages are properly planned and executed in compliance with appropriate schedules and Company & ICCC requirements
Abnormal Event Planning	Contingency plans and competent resources are available to manage predictable emergency situations
Production Programme & Review	Ensure accurate collection of generation, transmission and

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	<p>distribution statistics. Responsible for collecting data and compiling company reliability report</p> <p>Ensure energy production forecasts and actuals meet energy productions efficiency requirements and standards</p> <p>Safe and efficient Operations, tactics, policies and philosophies are translated into planned arrangements for deploying operations effort and contained within a 12 month operations programme.</p>
Monitoring Systems Status	Responsible for Power Quality Issues ensuring safe, efficient and reliable system operations
Real-Time Dispatch	Utilising the SCADA systems communications ensure cost effective sanctioning of generation onto and off the system as well as ensuring safe, efficient and reliable system and distribution network operation
Remote Operating	Responsible for developing, installing commission and maintaining SCADA system for all power systems and distribution networks.
Demand Side Management	Ensure all customers load connected to PPL supply meet 0.8p.f & other loss reduction requirements
Supply Side Management	Ensure Operational efficiency of all generation and transmission equipment and systems
Training & Authorisation	Ensure all personnel engaged on work on HV systems is duly trained and authorised
Power System Protection	Ensure power system plant and equipment is properly protected
Voltage Regulation	Ensure voltage and frequency levels are properly managed and maintained within limits
Team Management	<p>The Director System Control function's resources are commensurate with the needs of the business and comply with both company and legislative requirements</p> <p>Members of the System Control team know and understand the strategic direction of PPL and their respective roles and responsibilities, including acceptable behaviours and standards of performance expected of them</p>
Relationship Management	<p>Positive and constructive relationships are established and maintained with fellow members of the PPL Team</p> <p>Members of the wider PPL Team and relevant functional Divisions are appropriately involved in and kept informed of</p>

You are <u>responsible</u> for the following activities at a regional level	You are <u>accountable</u> for how well the following deliverables are achieved
	<p>System Control team's activities and matters affecting their areas of responsibility</p> <p>Strategic level relationships are established and maintained with the System Control team's key stakeholders</p>

Selection Criteria

1. A University qualification in Electrical or Mechanical Engineering and or post graduate qualifications in Business, Management or related field.
2. The incumbent must be registered with the Institute of Engineers of Papua New Guinea.
3. Demonstrate a successful track record in a director or management position within the power industry.
4. Significant formal system operations and controls management experience.
5. Strong technical or asset management skills, people management skills and be able to demonstrate success in organization transformation, have strong business acumen and be recognized as an inspirational leader.
6. You will need to be a person that is; Driven to create change with proven capabilities, Forward thinking, strategic and disciplined, Inspiring, caring and works well with others for superior results, Takes personal accountability and Customer centric.

Remuneration

An attractive remuneration package is on offer, and salary will be commensurate with experience and qualifications.

How to apply?

Please review the following *essential* requirements for application to this role.

What to submit with your application?

A. Response to the Selection Criteria. Please provide details of your prior skills and experience in accordance with each of the Selection Criteria detailed below. Your response should be no more than a total of three pages, with 2-3 paragraphs for each Selection Criteria.

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2. *The incumbent must be registered with the Institute of Engineers of Papua New Guinea.*



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4. *Significant formal system operations and controls management experience.*
5. *Strong technical or asset management skills, people management skills and be able to demonstrate success in organization transformation, have strong business acumen and be recognized as an inspirational leader.*
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[NOTE: The above selection criteria **must** be specifically addressed in order to be considered for the position. Applications not addressing this selection criterion may not be considered for the role.]

B. Curriculum Vitae. Please provide a copy of your curriculum vitae, including details of your work experience and qualifications.

C. Referees. Please provide the names and contact details of three referees who can provide a reference on recent and past work experience. Details should include current phone numbers and email addresses.

When to submit?

Applications delivered by hand must be received by **COB Tuesday 25th September, 2018**. Late applications may not be considered.

How to submit?

The preferred method of submission is by email to **recruitment@pngpower.com.pg** clearly indicating the subject as **"LEAD-VAC"**

You may also submit your application through mail or hand delivered to the following addresses:

Postal Address: The Recruitment Officer
PNG Power Ltd
P O Box 1105, BOROKO, NCD

Hand Delivered: PNG Power Head Office, Cnr Wards Road, Hohola, NCD