



STANDARDS OF CONDUCT POLICY
JOB DESCRIPTIONS
Revised: December 2016

As per Section 5.3 of SaskPower's SOC Policy, issued April 10, 2013, listed below are the job titles and job descriptions of the Marketing Function Employees within NorthPoint Energy Solutions Inc. (NRPT) and the Transmission Function Employees within SaskPower.

Marketing Function Employees (NRPT):

Manager, Electricity Trading

The Manager, Electricity Trading is responsible for directing all of the short-term and day-to-day electricity trading activities with utilities, marketers, brokers, power pools and other counter-parties.

Consultant, Electricity Trading

This position is responsible for managing the day-to-day electricity trading activities with utilities, marketers, brokers, power pools and other counter-parties.

Engineer, Business Solutions, IT Systems

This position is responsible for developing and managing software and hardware business solutions order to increase the profitability and efficiency of NorthPoint's business.

Consultant, Business Solutions:

This position is responsible for developing and managing software and hardware business solutions order to increase the profitability and efficiency of NorthPoint's business.

Transmission Function Employees (SPC):

Director, Grid Control Operations

Reporting to the Vice-President of Transmission Services the Director, Grid Control Operations is responsible for providing overall leadership to the Grid Control Centre to ensure safe and reliable operation of SaskPower's transmission and sub-transmission electric system in Saskatchewan. These responsibilities include: (1) real-time operations and monitoring; (2) reliability and security of the bulk electrical system in the reliability coordination footprint of the Midwest Reliability Organization; (3) coordinating operations with neighbouring entities; (4) EMS/SCADA infrastructure; (5) outage coordination with internal and external stakeholders; (6) system operator training; (6) managing transmission services under the SaskPower Open Access Transmission Tariff; and (7) compliance with associated NERC reliability standards.

Manager, Control Room & Operations

Reporting to the Director, Grid Control Operations the Manager, Control Room & Operations provides a leadership role to real-time operating system staff in SaskPower's control room. The Manager oversees normal and emergency operations and control room personnel development. Further, the Manager, Control Room & Operations is responsible for: (1) developing control room policies and procedures; (2) ensuring the implementation those policies and procedures; and (3) ensuring bulk electrical system operations is compliance with associated NERC reliability standards.

Manager, Grid Operations & Reliability Coordinator

Reporting to the Manager, Control Room & Operations the Manager, Grid Operations & Reliability Coordinator manages the real-time operating system and staff in SaskPower's control room. The Manager, Grid Operations & Reliability Coordinator is responsible for ensuring SaskPower's bulk electrical system operations is compliant with associated NERC reliability standards and handles reliability coordination issues within the North American bulk electrical system.

System Operator

Reporting to the Manager, Grid Operations & Reliability Coordinator the System Operator operates the SaskPower bulk electrical system to ensure reliability and safety following associated NERC reliability standards. The System Operator performs a variety of tasks associated with the functionality of the Balancing and Transmission Operations workstations, ensuring the optimum level of system reliability of the bulk electric

system. This position is also responsible for coordinating switching for planned and emergency maintenance as well as system restoration.

Manager, Transmission Tariff Services

Reporting to the Director, Grid Control Operations the Manager, Transmission Tariff Services is responsible for the management of the terms under SaskPower's Open Access Transmission Tariff (OATT), including: (1) directing the day-to-day operation of SaskPower's OATT; (2) overseeing, directing and participating in the development and administration of SaskPower's OATT agreements; (3) directing, developing and updating policies, ATC postings, and business practices associated with SaskPower's OATT; and (4) approving or denying OATT transmission service requests. The Manager, Transmission Tariff Services is also responsible for: (1) negotiating and managing interconnection agreements; (2) joint operating agreements; (3) facility agreements; (4) assisting with regulatory filing; (5) providing technical support to the Grid Control Centre in all aspects of interconnected operations including the OATI software; and (6) NERC Reliability Standards.

Specialist, Transmission Tariff Services

Reporting to the Manager, Transmission Tariff Service the Specialist, Transmission Tariff Services is responsible for: (1) overseeing the day-to-day operation of SaskPower's OATT; (2) providing technical support to the Grid Control Centre; (3) developing and managing SaskPower's OATT agreements, policies, ATC postings, processes, Control Room procedures and OASIS business practices; (4) testing and ensure reliability of software used in operation of SaskPower's OATT; (5) providing support to OATT customers; (6) providing evidence for compliance to NERC Reliability Standards; and (7) developing joint operating procedures with adjacent entities.

Manager, Grid Operations Support

Reporting to the Director, Grid Control Operations the Manager, Grid Operations Support is responsible for the development and implementation of plans, strategies, policies, and processes for operation planning and outage scheduling of the SaskPower bulk electrical system. The Manager, Grid Operations Support is also responsible for: (1) providing technical expertise in system analysis for the development of operating plans for the bulk electric system, focusing on short-term transmission operation planning and generating capacity planning from real time to six months; and (2) preparing operation plans that enables the SaskPower control room to control the bulk electric system

reliably and safely. The Manager, Grid Operations Support is also responsible for providing evidence for compliance to NERC Reliability Standards.

Senior Engineer, Operations – Transmission

Reporting to the Manager, Grid Operations Support the Senior Engineer, Operations – Transmission is responsible for the development and implementation of short-term transmission operation plans, strategies, policies, processes and outage scheduling of the SaskPower bulk electrical system. The Senior Engineer, Operations – Transmission is also responsible for assessing the performance of the SaskPower bulk electrical system for both internal and external agencies as well as being responsible for providing evidence for compliance to NERC Reliability Standards.

Engineer-in-Training, Operations – Transmission

Reporting to the Manager, Grid Operations Support the Engineer-in-Training, Operations – Transmission is responsible for the development and implementation of short-term transmission operation plans, strategies, policies, processes and outage scheduling of the SaskPower bulk electrical system. The Engineer-in-Training, Operations – Transmission is also responsible for assessing the performance of the SaskPower bulk electrical system for both internal and external agencies as well as being responsible for providing evidence for compliance to NERC Reliability Standards.

Senior Engineer, Operations – Generation

Reporting to the Manager, Grid Operations Support the Senior Engineer, Operations – Generation is responsible for the development and implementation of short-term generation operation plans, strategies, policies, processes and outage scheduling of the SaskPower bulk electrical system. The Senior Engineer, Operations – Generation also manages the application of Control Performance, Disturbance Control criteria and other operating standards of grid operations as well as being responsible for providing evidence for compliance to NERC Reliability Standards.

System Operator – Provincial, System Security

Reporting to the Manager, Grid Operations Support the System Operator – Provincial, System Security is responsible for the outage scheduling of the SaskPower bulk electrical system to assist the SaskPower Grid Control Centre. Also, the System Operator – Provincial System Security is responsible for assisting in training the Grid Operations staff on restoration methods as well as being responsible for providing evidence for compliance to NERC Reliability Standards.

Manager, EMS Operations

Reporting to the Director, Grid Control Operations the Manager, EMS Operations is responsible for the overall operation and maintenance of SaskPower's Energy Management/SCADA system, including: (1) real-time control system; (2) real-time data exchange with neighbouring Reliability Coordinator areas and (3) EMS displays in the control room. The Manager, EMS Operations is also responsible for the: (1) overall maintenance and upgrades to SaskPower's EMS/SCADA hardware and underlying associated infrastructure and architecture, (2) maintenance of EMS database that accurately models the SaskPower power system, and (3) related applications such as automatic generation control, state estimation, dispatch training simulator, firewalls, and data history. The Manager, EMS Operations is also responsible for creating standard operating procedures and plans; and coordinating department activities to meet NERC reliability standards.

Senior Engineer, EMS Operations

Reporting to the Manager, EMS Operations the Senior Engineer, EMS Operations is responsible for the overall operation and maintenance of SaskPower's Energy Management/SCADA system, including: (1) real-time control system; (2) real-time data exchange; and (3) EMS displays in SaskPower's control room. The Senior Engineer, EMS Operations is also responsible for maintenance and updates to SaskPower's EMS/SCADA hardware and underlying associated infrastructure and architecture, (2) maintenance of EMS database that accurately models the SaskPower power system, and (3) related applications such as automatic generation control, state estimation, dispatch training simulator, firewalls, and data history.

Technologist, Engineering

Reporting to the Manager, EMS Operations the Technologist, Engineer is responsible for the overall operation and maintenance of SaskPower's Energy Management/SCADA system, including: (1) real-time control system; (2) real-time data exchange with neighbouring Reliability Coordinator areas; and (3) Energy Management System (EMS) displays in the control room. The Engineering Technologist responsibilities are especially focused on hardware and networking support.

Specialist, Service Operations (Intel/SCADA)

Reporting to the Manager, Server Operations the Specialist, Service Operations (Intel/SCADA) is responsible for providing support to the EMS Operations area.

Specialist, GCC Support

Reporting to the Director, Grid Control Operations the Specialist, GCC Support is accountable for all administrative processes associated with transmission sales under the SaskPower Open Access Transmission Tariff. The Specialist, GCC Support is also responsible for system inadvertent energy accumulation and the Standards of Conduct Policy.