

Transmission-Function Employee Job Descriptions

Job Title	Description	Organization
ADVISOR GRID OPERATIONS	Responsibilities include providing support for Grid Operations Real-time and services in Compliance and budgeting activities. Also responsible for active support and training of Grid Operations real-time Contingency Analysis Engineers including actual creation of documentation, training activities and reporting for all of Grid Operations including the Operations group and Transmission Services	EMS & GRID SUPPORT
DIRECTOR GRID REALTIME & SCADA OPS	Responsible for all Real-time Grid Operations activities, training in accordance with the NERC Certification requirements; administering JATC Operator Apprentice program; 24/7/365 support for the Real-time Operations; coordination between the BT Department personnel regarding SCADA applications necessary for the real-time Operator duties.	GRID REALTIME & SCADA OPS
DIRECTOR TRNS SERVICES & OPS SUPPORT	Responsible for NWE OASIS and Tariff Management and all activities relative to FERC Compliance; support for the Grid Operations Real-time Electric System Schedulers to ensure that all Transmission scheduling will be done per the NWE Tariff and business practices; ensure that the OASIS activities meet all applicable NERC Standards; ensure that the Consultant can perform the Gap analysis and create documentation to ensure NERC compliance.	TRNS SERVICES & OPS SUPPORT
ENGINEER	Performs transmission scheduling functions, determines Available Transmission Capacity (ATC), uses the OATI Scheduling System and the Open Access Same-time Information System (OASIS), including processing of long term requests and pre-scheduling on the electric transmission system.	ELECTRIC SERVICES
ENGINEER	Responsible for the reliable planning of the transmission system. Performs FERC analyses: GIA studies, TSR studies, and load interconnection analyses. Performs NERC analyses: FAC, MOD, TPL, etc. Assists in outage studies. Represents NWE in technical and regional committees.	ELECTRIC TRANS PLANNING
ENGINEER	Responsible for support of real-time operations including real-time, next day, and near term studies and outage coordination.	GRID REALTIME & SCADA OPS
ENGINEER	Responsible for analyzing and planning for the reliable growth of the electric transmission system and maintaining compliance with reliability standards.	TRNS SERVICES & OPS SUPPORT
ENGINEER SR	Responsible for the reliable planning of the transmission system. Performs FERC analyses: GIA studies, TSR studies, and load interconnection analyses. Performs NERC analyses: FAC, MOD, TPL, etc. Assists in outage studies. Represents NWE in technical and regional committees.	TRANSMISSION ELECTRIC PLANNING
INTERN	Assist with all facets of Grid Operations and Transmission services work necessary to maintain a reliable transmission system, including performing outage studies, conducting tests and evaluate reports to validate system operation and reliability. Provide on-site technical assistance for outage coordination, system modification, software commissioning, testing and maintenance of EMS components.	EMS & GRID SUPPORT
MANAGER ELECTRIC TRANS PLANNING	Responsible for overseeing local and regional electric transmission planning and ensuring that all associated regulatory requirements are met; oversees electric transmission interconnection studies, outage studies, and other operational studies as required.	ELECTRIC TRANS PLANNING
OPERATOR SYSTEM ELEC / APPR SYSTEM OPER ELEC	Performs varying functions in the real time operation group including performing the EIM Operational duties within Grid Operations. Main focus will be providing direction and guidance in monitoring and operating 24x7 electrical system functions associated with EIM Real-time Management which may have impacts to NorthWestern Energy's Balancing Authority and Transmission System and the other various technical tasks required.	GRID REALTIME & SCADA OPS
OPERATOR TRANS GAS-PRE 3/21/14	Responsible for controlling and monitoring flows and pressures on the Northwestern Energy and Havre Pipeline Company natural gas transmission, storage, distribution, and production systems located in MT, SD and NE.	GAS OPERATIONS
OPERATOR TRANSMISSION ELEC / TRAINEE SYSTEM OPER ELEC	Responsible for controlling, scheduling, and monitoring flows on the NWMT electric transmission system, including transmission tie lines with other utilities and recording and reporting transmission system data. Also has the responsibility and authority to implement real-time actions that ensure stable and reliable operations of the bulk electric transmission system.	GRID REALTIME & SCADA OPS
OPERATOR TRANSMISSION GAS	Responsible for controlling and monitoring flows and pressures on the Northwestern Energy and Havre Pipeline Company natural gas transmission, storage, distribution, and production systems located in MT, SD and NE.	GAS OPERATIONS
OPERATOR SYSTEM ELEC LEAD	On-shift supervisor for individual crews during real-time control area operations of the electric transmission system in MT, SD and NE.	GRID REALTIME & SCADA OPS
SPECIALIST ELEC TRANSMISSION	Responsibilities are in the financial operations of the department, particularly the Energy Imbalance Market ("EIM") settlement processes, billing calculations, reporting, rate calculations, scheduling, and other areas of the department as needed.	ELECTRIC SERVICES
SR, SPECIALIST ELEC TRANSMISSION	Responsibilities are in the financial operations of the department, particularly the Energy Imbalance Market ("EIM") settlement processes, billing calculations, reporting, rate calculations, scheduling, and other areas of the department as needed.	ELECTRIC SERVICES
SPECIALIST G&T INTERCONNECTION	Provides support for the Coordinator, Generation & Transmission Interconnection. This person will need to become familiar with Federal, State, and NorthWestern Energy's Generation, Transmission, and Load Interconnection policies and procedures, along with Transmission Service Request policies and procedures. The Specialist will assist in the process of generation, transmission, and load interconnections for customers who desire to interconnect to NorthWestern Energy's system; helps ensure that the interconnection procedures are applied in accordance with the NorthWestern Energy Tariff and with the proper jurisdictional Interconnection procedures including tracking interconnection projects and providing progress reports on those projects.	GEN & TRNS INTERCONNECTION
SPECIALIST TRANS SERVICES & OPERATIONS SUPPORT	The Specialist, Transmission Services & Operations Support will perform daily reporting needs, support Generation Interconnection practices, and will support Transmission Services, Grid Operations, EMS and DOC staff with business needs.	TR - GRID OPERATIONS & SERVICES
MANAGER GEN & TRNS INTERCONNECTION	Responsible for Generation and Transmission Interconnection projects, both at the FERC and state levels, for Montana and South Dakota, ensuring compliance to the applicable tariffs. This position is the point of the contact for internal and external customers for Generation Interconnection requests, as well as Load and Transmission Service requests seeking new interconnection during the FERC Open Access Transmission Tariff ("OATT") study process.	GEN & TRNS INTERCONNECTION
SUPERVISOR GRID OPERATIONS	Possess knowledge of NorthWestern Energy's Balancing Authority Area, Transmission System, and EIM Operations in order to provide day to day supervision to employees who operate within these areas 7x24x365 to ensure reliable operation while accomplishing critical tasks such as real-time operations, budget management, and provide liaison support activities between real-time operations and other departments.	TR-GRID OPS