

Job Descriptions for Transmission Function Personnel

Director – Dispatch Meters and Substation Operations

Directs professional personnel in the management and maintenance of Empire's primary and secondary energy management systems (EMS). To meet compliance and service requirements as a NERC and SPP certified control area and transmission operator. Direct the operations of the company's transmission system and development, implementation, and management of the company's standard of conduct compliance requirements.

Manager, Transmission Operations

Perform supervision of System Operators as they coordinate system switching to ensure the safety of Commercial Operations personnel, maintain reliability of the Bulk Electric System during normal and emergency conditions, and other functions as required. Assure compliance with Southwest Power Pool (SPP) Criteria, North American Electric Reliability Corporation (NERC) Standards, and all other applicable regulatory authorities. Oversight and assist EMS Engineers so that EMS is dependable and reliably provided to the System Operators and other stakeholder.

EMS Engineer (all level)

Specifies, procures, installs and provides technical support for energy management, SCADA and other applications necessary for the effective operation of Empire's system control center, interconnections, and interfaces with the Southwest Power Pool. Develops and maintains Empire's transmission system model for real time operational analysis. Works with System Planning to update and analyze the Planning model, and incorporate these changes in the operational model and coordinate changes to SPP to keep real-time model up-to-date. Maintain and support the EMS and SCADA system as well as implementing/maintaining Empire's cyber security plan for the EMS system.

Dispatcher/System Operator

Position is responsible for assessing transmission system reliability and operating within the voltage and loading limits of the transmission system. This position also monitors, controls and operates the transmission and generation system with good utility practice to comply with the SPP operating criteria, the North American Electric Reliability Corporation (NERC), and other contractual obligations. All transmission switching on the EDE system must be approved and directed by this position.