



## **EDE Job Descriptions for Transmission Function Personnel**

### **Vice President – Transmission Planning and 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 center. Direct the Operations group on operations of the company's transmission system to maintain the reliability of the Bulk Electric System while meeting the all the regulatory compliance requirements.

### **Manager, Transmission Operations**

Perform supervision of System Operators as they coordinate system switching to ensure the safety of Commercial Operations personnel, maintains 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 to ensure that the 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 EDE's transmission 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. This position also direct and control EDE's generation during island and/or restoration situations.