

## CITY OF BURBANK

### PRINCIPAL POWER SYSTEM OPERATOR

#### DEFINITION

Under direction, to supervise and coordinate the work of Power Dispatching and Real Time Energy Trading personnel; ensure that Energy Control Center (ECC) personnel are fully trained; and perform related work as required.

#### ESSENTIAL FUNCTIONS

Supervises the operation of the power system and scheduling of energy resources and transmission; ensures reliable and safe operation of the electric system; coordinates the scheduling of generation; prepares, develops, and maintains operating instructions; develops and monitors ongoing training programs; monitors system reports and data to ensure system operations are performed appropriately; monitors historical system data for forecasting system demands; coordinates system operation and equipment installation, maintenance, and repair; supervises the operation of equipment located in substations; coordinates changes to and operation of the Supervisory Control and Data Acquisition (SCADA) computer-based control systems; supervises, trains, and evaluates employees; makes recommendations regarding hiring, promotion, and disciplinary action; may act in the absence of the next level of supervision; drives on City business.

#### MINIMUM QUALIFICATIONS

##### Employment Standards:

- Knowledge of – principles and practices of electrical transmission and distribution; utility operations including the purchase, sale, transmission/transfer of energy, switching, electrical system restoration and outage management, financial and trading risks, and safety practices in electrical operation and maintenance; principles and practices of supervision, training, and performance evaluations.
- Ability to – lead and develop a section working 24 hours a day; respond to emergencies when required; train ECC personnel; prepare training materials, instructions, and operating manuals; prepare reports; interpret electrical schematic drawings; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

**Education/Training:** Any combination of education and/or experience that has provided the knowledge, skills, and abilities necessary for acceptable job performance as determined by the City. Example combination includes, but is not limited to graduation from high school or equivalent and three years experience in electric system operation from a central control facility; or five years experience in the purchase, sale, or marketing of energy; or five years experience as a trainer or a training coordinator of power system operators; or three years experience as an operating or planning engineer of a high voltage electric transmission and/or distribution system.

**License & Certificates:** A valid California Class “C” driver’s license or equivalent and a valid North American Electric Reliability Corporation (NERC) certification as a NERC Certified System Operator – Reliability at time of appointment.

#### SUPPLEMENTAL INFORMATION

None.