

CHIEF SYSTEM OPERATOR

DEFINITION

Under general direction works with, coordinates and directs the work of dispatch personnel in the operation of electrical transmission and distribution systems and performs other related work as required.

EXAMPLES OF DUTIES

1. Ensures effective operation of electrical transmission and distribution systems using Supervisory Control and Data Acquisition system (SCADA), meters and other equipment.
2. Plans, assigns, performs and supervises the work of dispatch personnel; schedules dispatch personnel to maintain appropriate staffing levels; monitors workloads, assigned projects and the quality of work output.
3. Performs day shift system operator duties.
4. Monitors and supervises radio, telephone and SCADA system operations.
5. Coordinates switching activities on the transmission and distribution systems with Alameda Municipal Power personnel, customers and power suppliers.
6. Supervises the planning and implementation of switching orders to provide clearances for field crews.
7. Maintains logs and reporting functions involved in the transmission and distribution systems and customer assistance information.
8. Maintains a balanced and reasonably loaded system.
9. Investigates abnormal system operations.
10. Reviews and revises system operations and procedures manuals; monitors procedures compliance.
11. Participates in and prepares various studies and reports.
12. Supervises, trains and evaluates assigned staff.

EMPLOYMENT STANDARDS

Education/Experience

Any combination equivalent to education and experience likely to provide the required knowledge and abilities. A typical way to obtain the knowledge and abilities would be:

Education: Graduation from high school supplemented by classes in advanced electrical theory and mathematical theory as applied to electric utilities.

Experience: Five years experience in the operation of an electric transmission and distribution system including switching, load tap changing transformers, high voltage breakers, control boards, switchgear, and SCADA systems.

(OVER)

EMPLOYMENT STANDARDS (Continuation)

Knowledge

Knowledge of electrical theory; electric utility operations and equipment; principles, practices, and problems of electrical transmission and distribution; power scheduling practices; SCADA system operations; safe work practices and procedures.

Ability

Ability to effectively oversee 24-hour operation of electrical transmission and distribution systems; interpret and apply established procedural and safety requirements; read and interpret electrical transmission and distribution maps and drawings; establish and maintain accurate records; prepare reports; maintain level of knowledge required for satisfactory job performance; communicate effectively; establish and maintain effective working relationships with employees and the general public and supervise, train and evaluate assigned staff.

Special Requirements

Willingness and/or ability to work outside regularly scheduled hours on a system operating 24 hours per day, 7 days per week.

Other Requirements

Selected positions require possession of a valid California Driver's License and satisfactory driving record as a condition of initial and continued employment.