



## NOTICE OF JOB OPENING POWER SYSTEMS ELECTRICAL FOREMAN

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**Posting Date:** March 19, 2020  
**Department:** Light & Power  
**Reports to:** Generation Superintendent  
**Salary Range:** Grade N18 (Salary Range \$40.91 to \$47.33 per hour)  
**Position Type:** Full-Time  
**How to Apply:** Applications available at [bountifulutah.gov](http://bountifulutah.gov)  
Send to: Human Resources, 260 West 1050 South, Bountiful, Utah 84010 or  
Email: [jobs@bountifulutah.gov](mailto:jobs@bountifulutah.gov)  
**Application Deadline:** 5:00 P.M., Thursday, April 2, 2020

### **Overview:**

Direct, supervise and assist Electrical Technicians and contractors with the installation, operation and maintenance of complex electrical systems associated with all Power Department Generation Plants, Electrical Substations, control and monitoring of Transmission and Distribution Systems, and other miscellaneous systems and equipment.

### **Tasks:**

Supervise the maintenance and operation of electrical substations including: power transformers, regulators, circuit breakers, buss work, air break switches, reclosers and all related automatic equipment and controls.  
Design, install, maintain, inspect, test, adjust and repair protective relay systems, electrical control circuits, switchboard instruments, current and potential transformers, and all related equipment in all substations and generation plants.  
Maintain logs and record of maintenance on all substation and generation equipment.  
Sketch, check and update all electrical equipment circuit diagrams for all substations and generation plants.  
Supervise and assist with the maintenance and operation of the SCADA system and all related hardware, software, and communications equipment associated with the SCADA system.  
Assist with the maintenance of system records, and completion of regular system studies related to; fuse coordination, power factor correction, and arc flash. Working with management to budget for and implement all study findings.  
Supervise and assist with the maintenance and operation of all hydroelectric generation plants including: preparing and submitting Federal and State reports, maintenance records, permits, and operation budgets.  
Implement, prepare, and perform routine and emergency switching for all substations, transmission, and distribution systems as well as underground and overhead distribution systems to clear and restore power as quickly as possible.  
Responsible for the maintenance and operation of the two-way radio communications system. Maintain licenses for all communications equipment.  
Assists with the construction and maintenance on all traffic signal controllers and associated equipment.  
Assist the Metering Department with their respective duties, including in their absence and when on call.

Must carry a cell phone and be available for call out at any time of the day or night, year round regardless of weather conditions.

### **Knowledge, Skills and Other Characteristics:**

Ability to solve problems and make decisions using facts and personal judgment.  
Will be required to work effectively in sometimes stressful, high pressure situations and plan and direct the work of others.  
Should be self-motivated and be able to motivate others.  
Planning, organizing, scheduling, directing and managing skills are required along with a thorough knowledge of substations and electrical systems.  
Must have essential practical knowledge of electrical and electronic, digital, micro-processor theory and technology.  
Knowledge of the essentials of metering, relaying, power transformation and generation and their respective design operation and maintenance.  
Must have knowledge of the National Electric Code and the National Electrical Safety Code.  
Math skills: Requires mathematical development sufficient to be able to work with exponents, analytical geometry, and algebraic functions with electrical and mechanical applications.  
Language skills: Must have developed language skills to the point to be able to read literature, technical journals, instruction manuals, financial reports, and legal documents. Must be able to write operational manuals, maintenance procedures, logs, maintenance reports and equipment specifications.

### **Physical Requirements:**

This position requires frequent physical effort. It may include frequent lifting of up to 40 lbs. and occasional lifting of up to 100 lbs.

Bending, stooping, and/or lifting will be required. Requires walking, standing, working in different types of weather and conditions, as well as talking, hearing, and seeing. Requires operating aerial devices and climbing structures using climbing equipment.

**Environmental/Working Conditions:**

This position requires working in plants which produce sufficient noise, either constant or intermittent, to cause marked distraction or possible injury to the sense of hearing, and/or sufficient vibration to cause bodily harm without protection if endured day after day. This position requires working on, around, and in near proximity of high voltages ranging from 138 k down, which can or could cause severe injury.

Rotating standby for holidays and potential for callouts other than working hours will be required.

**Qualifications:**

High School graduate or equivalent with

Two (2) years electrical technician schooling

Journeyman Lineman with three (3) years experience with electrical power systems,

Or equivalent combination of education and experience.

Completion of an accredited Substation Technician apprenticeship program resulting in a Journeyman Substation Technician certification