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| **Submit resume and cover letter to:**<br>**Northern Water, 220 Water Ave.**<br>**Berthoud, CO 80513**<br>**Email Preferred:** careers@northernwater.org | **Posted:** 11/16/26<br>**By:** AJ<br>**Removed:**<br>**By:** |

# Plant Electrician I

Division/Department: Operations/Collection Systems Department
Reports to: Collection Systems Department Manager
Location: Granby, CO
Type of Position: Full-time
Status: Non-exempt
Hiring Range: $37.97-$46.04/hour

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**GENERAL STATEMENT**

The Plant Electrician I will perform wiring, installation, maintenance and repair of lighting, heating power and other electrical systems up to 600V. On-the-job training will assist in developing the skills necessary to perform work on large, rotating, medium voltage motors and auxiliary equipment in pump plants, dams, reservoirs, and other facilities throughout Northern Water's boundaries.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Install, test, repair, and maintain electrical equipment in pumping plants up to 600V, including overhead and underground electrical distribution systems throughout Northern Water's boundaries.
- Connecting service to electrical equipment such as motors, various types of transformers, power circuit breakers, various types of switches, switchboards, including metering relays, recording and control devices up to 600V.
- Calibrate and repair electrical equipment, make splices and connections, install conduit, and perform tests on low voltage circuits.
- Assist and learn to operate high-voltage switches, breakers, and related devices.
- Aid in implementing safety clearance procedures.
- Will assist and learn to operate and maintain multi-cell DC battery systems.
- Provide assistance while learning to operate and maintain Hydroelectric facilities.
- Assist and learn to troubleshoot A/C and D/C control systems.
- Learn to interpret and work from electrical schematics, drawings, and diagrams; and proficiently use tools and equipment of the trade.
- Take daily pumping plant performance readings, as directed.
- Assist and learn to perform inspections of electrical and/or mechanical systems, equipment, and devices regarding the construction of the facilities.

**OTHER DUTIES AND RESPONSIBILITIES**

- Operate cranes and hoists, as necessary.

- Maintain satisfactory relationships with co-workers, water users, adjacent landowners, contract allottees, citizens, and taxpayers.
- Use safety/protective devices provided by Northern Water in the performance of all duties.
- Other duties as assigned.

## EDUCATION AND EXPERIENCE REQUIREMENTS

### Education

- High school diploma or equivalent.

### Experience

- Minimum of four years of residential and/or commercial electrical experience required.

## LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS

- Valid driver's license.
- Journeyman license, preferred.
- Once hired, will be trained, and licensed as required, specifically in electrical safety (NFPA70E), USBR HECP FIST 1.1, WAPA Switchman's training, and forklift/manlift certification.

## KNOWLEDGE, SKILLS AND ABILITIES

### Knowledge

- Machines and tools, including their designs, uses, repair, and maintenance.
- Conduit installation.
- Relevant equipment, policies, procedures, and strategies to promote effective local, and state operations for the protection of people, data, property, and institutions.
- Basic understanding of electrical theory and basic electronic equipment.
- Basic understanding of electrical prints, wiring diagrams, and schematics.

### Skills

- Watching gauges, dials, or other indicators to ensure machines are operating properly.
- Basic computer and Microsoft Office skills.
- Effective communication skills, both written and verbal.

### Abilities

- Concentrate on a task over a period of time, without being distracted.
- Keep hand and arm steady while moving arm or while holding arm and hand in one position.
- Make precisely coordinated movements of the fingers of one or both hands to grasp manipulate or assemble very small objects.
- Understand written sentences and paragraphs in work related documents.
- Learn and understand electrical equipment and operation.
- Learn and understand electrical blueprints, wiring diagrams, and schematics at an advanced level.
- Learn troubleshooting and maintenance of electrical equipment and tools.
- Learn safety requirements, including NFPA70E and annual certification in HECP.
- Learn to troubleshoot electrical issues at an advanced level.

## PHYSICAL REQUIREMENTS

- Work in environments that may containing spiders, snakes, rodents, and other disagreeable elements with proper safety equipment or clothing.
- Work in, on, and around water ways.
- Climb ladders up to 300 feet in length.
- Walk on catwalks.

- Walk the equivalent of 12 flights of stairs, multiple times per shift.
- Carry loads up to 75 pounds.
- Endure periods of driving, sitting, and/or kneeling for extended periods.
- Enter confined spaces with proper confined space training.
- Work in noisy or dusty environments with proper Personal Protection Equipment (PPE)
- Work outside in all conditions using appropriate weather gear.
- Must be able to meet the physical requirements of a post job offer physical examination.

Reasonable accommodations will be made to enable qualified individuals with disabilities to perform the essential functions of the job.

**OTHER REQUIREMENTS**

- Maintains a personal appearance appropriate for job position and image of Northern Water.

**This job description in no way states or implies that these are the only duties to be performed by this employee.**

**Northern Water provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, marital status, sexual orientation, gender identity, national origin, disability, genetics, veteran status or other legally protected characteristics. Northern Water complies with applicable state and local laws governing nondiscrimination in employment in every location in which the company has facilities. Northern Water also prohibits any form of workplace harassment in accordance with these laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.**