



UNION JOB DESCRIPTION

TITLE: Generation Utility Worker II

DEFINITION:

Performs semi-skilled work in the installation, preventative maintenance, and repair of all civil facilities related to production of power at the District's hydroelectric projects and other generation facilities, including, but not limited to power houses, dams, reservoirs, roadways, bridges, grounds, tunnels, and pipelines in accordance with safety standards; Work Orders; and federal, state, and local regulations. Individual may be required to assist with generation or compliance equipment, such as smolt pots, stream gauges, piezometers, and water quality instrumentation.

DISTINGUISHING CHARACTERISTICS:

Incumbents work independently and as part of a team. Must be able to perform the duties of the Generation Utility Worker, Generation Helper classifications, and other similar duties as assigned. The position is responsible for semi-skilled and high consequence tasks that requires one to be skilled on equipment to provide safety for self and other persons.

Incumbents in this classification assigned to the Jackson Hydroelectric Project are required to establish their residence to report within the time limit established in the Collective Bargaining Agreement (CBA).

This is a bid classification. The District will select the most qualified candidate who has successfully passed both an equipment and operator test, a concrete form test, a written exam regarding dam safety and basic FERC/NERC requirements, and a joint collaborative interview process.

BASIC RESPONSIBILITIES:

1. Installs, modifies, maintains, and repairs civil facilities located at Jackson Project and other generation assets, such as roads, bridges, concrete work, rock armoring, storm ditches, recreation sites, and physical security structures (i.e. fences and gates), etc.
2. Utilizes portable equipment and tools, such as, but not limited to, drills grinders, special tools, gauges, precision instruments, chainsaws, and weedwhackers.
3. Operates, rigs, or assists with operation of equipment falling under WAC 296-863, such as trailers, mowers, small motorized equipment, boats, skid steers, telehandler, excavating equipment, snow plowing, snow cat, gantry crane, and a bucket truck for non-electrical work.
4. Performs painting, grinding, carpentry, concrete work, and similar activities. Jobs may be of longer duration (multiple weeks) and involving one or more trade.
5. Assists Generation, Electrical, and Mechanical Constructors; Technicians; Engineers; and others in maintenance, testing, and research programs as directed.
6. Observes and documents potential operational and physical changes that are in generation territory, such as bridges, roads, and recreation site safety.
7. Lockout/Tag-out process as required.

8. Uses equipment instruction books, civil drawings, and sketches for equipment installation, maintenance, and modifications.
9. Performs maintenance as assigned and general housekeeping for plant structures, equipment, dams, spillways, fishways, recreation areas, service installations, and records equipment condition.
10. Applies best safety practices including, but not limited to those in the Accident Prevention Manual.
11. Assist in directing and training Generation Maintenance Helpers, Generation Utility Worker I, and Summer Hires.
12. Work with other employees throughout the District and Contractors as required.

OTHER RESPONSIBILITIES:

Performs other related duties as assigned.

MINIMUM QUALIFICATIONS:

Knowledge of:

- Civil concepts and theories.
- Standard civil drawing symbology and basic mathematics.
- Safety procedures when working on or near generation equipment.
- FERC requirements that pertain to the job.

Ability to:

- Read blueprints and schematics.
- Install, manipulate with tools, or repair concrete, masonry, timber, lumber, rock, steel, and aluminum structures.
- Operate small and large excavating and earthmoving equipment, dump truck, trailers, manlift, skid steer, forklift, and telehandler.
- Operate oxy-acetylene torch, chainsaw, and portable gas-powered or electric pumps.
- Operate and maintain small engine equipment, such as, mowers, weedwhackers, sprayers, and other powered equipment related to job duties.
- Use software programs such as, but not limited to, database, spread sheet, and word processing on computers, laptops, and tablets.
- Physically perform duties of a job, including ability to climb stairs in excess of 200 feet, lift/carry equipment and materials up to 50 pounds, and work in elevated positions.
- Fly in a helicopter or hike into remote areas as needed.
- Work in confined spaces, tight places, bend, stoop, walk in varying terrain, work in varying weather environments, and varying noise levels.
- Operate cranes, hoists, and manual equipment and tools as required.
- Work and communicate independently and effectively.
- Analyze situations accurately and adopt a safe and efficient course of action.
- Learn and apply FERC License standards of operations (basic knowledge).
- Learn and apply District Accident Prevention Manual, WAC Electrical Safety Rules, Fire Protection, and Spill Prevention Control and Countermeasures Plan.
- Learn and apply District safety requirements, First Aid, and CPR methods.
- Learn and apply Collective Bargaining Agreement (CBA).
- Learn and apply District policies, procedures, and directives.

Education/Experience:

- Four (4) years of experience in a related trade (e.g. equipment operator, crane operator, carpenter, mason, etc.) OR
- Two (2) years experience as a Generation Utility Worker I.

License/Certificates:

- Pass a written exam regarding dam safety and basic FERC/NERC requirements set forth by the Generation Training Committee (GTC).
- Pass the Equipment and Operator Test as set forth by the GTC.
- Pass a concrete forming test set forth by the GTC.
- Pass a joint collaborative oral and working interview process.
- Possess and maintain a valid Washington State Driver License.
- Possess and maintain a valid Washington State Commercial Driver License (Class A) within six (6) months from job start date.
- Possess and maintain valid First Aid, CPR, flagging, and forklift certifications within six (6) months from job start date.
- Possess and maintain unrestricted respirator clearance within six (6) months from job start date.
- Possess and maintain boater license, rigger certification, and HAZWOPER within one (1) year from the date.

WORKING CONDITIONS:

- Duties are performed in a variety of environments both indoors and outdoors and in remote and rugged wilderness areas.
- Work is physical in nature.
- Must be able to lift and carry heavy equipment and materials in excess of 50 lbs.
- Must be able to operate equipment, such as a chain saw to fall trees.
- Frequent walking is required to inspect basin and projects.
- Work is often performed independently and alone, with infrequent face-to-face contact with other employees, and may only have contact with District staff via radio.
- Incumbent is exposed to varying weather conditions and may be exposed to wild animals.
- Work will frequently occur in and around lakes and rivers.
- Subject to 24/7 callout.