



YUKON ENERGY CORPORATION

Mechanical Engineer-Whitehorse

Position # 95-20

The Opportunity: Mechanical Engineer

Permanent, Full-Time position, based out of Whitehorse, Yukon.

Are you a Mechanical Engineer looking for an opportunity to work on hydro and thermal power generation projects and see your work through from concept to completion? Yukon Energy is seeking a Mechanical Engineer to join our team in Whitehorse, Yukon, working on the additions, upgrades and maintenance that support our generating units and facilities.

What will you do: As a member of the Mechanical Engineering team, you will:

- Design and deliver mechanical engineering solutions supporting hydro and thermal power generation, including additions, upgrades and maintenance of generating units.
- Manage mechanical utility projects from concept through design, construction and closeout, including project scope, budgets, schedules, technical specifications, bid evaluations and contract administration.
- Work collaboratively with Engineering, Operations and Finance, providing technical expertise and making field and construction decisions to help keep projects on scope, schedule and budget.
- Support the safety, reliability and availability of generating equipment by evaluating equipment and operational changes and contributing to capital maintenance, upgrades and long-term planning for hydro, diesel and LNG generation.

What you need to succeed:

- Bachelor's degree in Mechanical Engineering with a P.Eng. designation in Canada and eligibility for registration as a Professional Engineer in the Yukon.
- Experience and knowledge of power utility maintenance and/or operations.
- Detailed knowledge of mechanical engineering theory, design, and the operating mechanisms and parameters of hydro-generator and thermal units.
- Working knowledge of mechanical engineering codes, standards and regulations applicable to electrical utility generation facilities.
- Ability to work independently on engineering projects.
- Knowledge of project management processes and principles, with the ability to manage electric utility projects.
- Experience preparing project scopes, budgets and schedules and coordinating project execution.
- Ability to create engineering drawings and specifications and prepare cost estimates.
- Ability to prepare technical specifications, bid evaluations, construction contracts and requests for proposals.
- Strong decision-making skills with the ability to support projects through construction and field activities.
- Excellent oral and written communication skills.
- Ability to work collaboratively across departments and with outside agents.
- Self-motivated, versatile and able to thrive on a variety of work.
- Valid Class 5 driver's licence.



YUKON ENERGY CORPORATION

Mechanical Engineer-Whitehorse

Position # 95-20

What is in it for you:

- Competitive Pay with annual cost of living increase
- Northern Allowance: \$7,000 + 5% Base Pay added to Base Salary
- Comprehensive Benefit Package that begins the first day of employment
- 160 hours of vacation leave, 160 hours of sick leave, 40 hours of special leave
- Travel Allowances for employee and their spouse and dependent(s)
- Annual Wellness Subsidy
- Cell Phone Subsidy
- RRSP Match begins first day of employment
- Relocation Assistance
- Training and Development opportunities
- Opportunity to be a part of something greater and help the Yukon

Who we are: Yukon Energy is the primary generator and transmitter of electrical energy in the Yukon territory, operating within the Traditional Territories of Yukon First Nations. We take pride in our commitment to sustainability and collaboration with Indigenous communities across all our operations.

Yukon Energy values diversity in the workplace. We strive to achieve a skilled workforce that is representative of the population we serve, and we are committed to the employment and professional development of Yukon First Nations citizens. First Nations candidates are encouraged to self-declare.

To **apply**, please go to [Recruitment \(adp.com\)](https://adp.com).

If you have any questions, please feel free email People & Culture via email at hr@yec.yk.ca.

The posting will remain open until the position is filled.

To learn more about Yukon Energy and the work we do, visit yukonenergy.ca.

We thank all applicants for their interest; however, only those selected for further consideration will be contacted.

Applicants must be legally entitled to work in Canada for any employer without employer sponsorship.

Date Posted: September 8, 2026