

## **JOB DESCRIPTION**

**Regulatory Planner**

**Position Number 96-22**

**Permanent**

**Management and Professional**

**Reporting to Director of Finance**

### **SUMMARY**

Under the supervision of the Director of Finance, this position is responsible for research and analysis services in support of utility regulatory filings. As part of this analysis, this position is responsible for forecasting financial results including cash flow and capital projections. In addition, this position is responsible for elements of integrated resource planning, development of long-term resource options as per integrated resource plans, and short- and medium-term generation planning. All work shall be carried out and properly documented in accordance with Yukon Energy's policies, guidelines and procedures while mitigating risk and complying with governing legislation.

### **DESCRIPTION**

#### **1) Regulatory:**

Develops and maintains financial planning models. Uses models to analyze financial scenarios and explain results. Models include measurement of impact on return on equity, revenue requirement and electricity rates, as well as cash flow impacts.

##### **a) Participates in regulatory filings; including but not necessarily limited to:**

- i) Preparation of financial analysis in support of the filing;**
- ii) Drafting narrative descriptions to be included in filing;**
- iii) Preparation of responses to interrogatories; and**
- iv) Ad hoc support for hearing testimony.**

##### **b) Prepares and files periodic mandatory regulatory filings; preparation includes financial analysis and narrative as required.**

##### **c) Determines impact of regulatory decisions on forecast results for the Corporation.**

##### **d) Conducts research, liaises with industry peers and experts to assess regulatory issues, and determines options for reacting to issues and cost/benefit analysis of each option.**

##### **e) Prepares regularly scheduled reports as required for Shareholder.**

##### **f) Prepares ad hoc regulatory analysis and reports in form suitable for review by Senior Management and the Board of Directors.**

##### **g) Establishes and maintains effective working relationships with staff. Liaises with other departments to obtain information for regulatory filings and responses.**

#### **2) Integrated resource planning:**

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Provides backup for planning group load forecasting and other models used in the development of forecasts.

- a) Develops YECs long-term electricity demand forecast through industry-accepted approaches.
  - b) Maintains YECs long-term Load Resource Balance, by maintaining the database of current and future electricity resources, and by applying long-term demand forecast.
  - c) Manages YEC's database of the attributes of existing and future, generation, transmission and conservation resource options. This database provides locations, as well as the technical, environmental, social and economic attributes of resources.
  - d) Updates energy and capacity planning reserve using the best industry-wide accepted reliability methodology.
  - e) Understands mathematical models required for portfolio analysis.
  - f) Maintain, understands and applies mathematical models required for determining technical and financial attributes of resource options.
  - g) Assists in portfolio analysis for the integrated resource plan.
  - h) Assists in the development of regulatory filings related to integrated resource plan.
- 3) Development of long-term generation, transmission resources:
- a) Aids with the development of technical, financial, environmental, social and economic attributes for future generation/transmission resource options through the range of project development phases, from pre-feasibility to preliminary design.
  - b) Performs economic analysis of resource options.
  - c) Assists in development of regulatory filings related to resource options.
- 4) Short- and medium-term generation planning:
- a) Updates the short- and medium-term load forecast.
  - b) Updates the short- and medium-term inflow forecast.
  - c) Updates short and medium-term fossil fuel price forecasts.
  - d) Develops and evaluates short and medium-term generation plans to minimize cost of generation, while meeting environmental and social requirements.
  - e) Recommends optimal generation plan, based on inflow, load and fuel price changes.
  - f) Evaluates and proposes generation plan risk mitigation measures for potential unexpected constraints.
  - g) Maintains and applies mathematical models required for operations planning.
- 5) Inputs and updates performance data and assures data quality with respect to excel-based Management and other stakeholder reporting dashboards.
- 6) Maintains the confidentiality of all Corporation information. Adheres to the Corporation's high safety standards and follows all policies, procedures, and guidelines.
- 7) In addition to the duties listed above the incumbent might be asked to perform other related duties.

<b>WORKING CONDITIONS</b>
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The position normally works in an office environment with occasional site visits. The incumbent will occasionally face fast approaching deadlines that have to be met, as well as changing priorities and scopes of work and/or budgets.

### **EDUCATION AND EXPERIENCE**

- Graduate degree in engineering or/and economics from an accredited university.
- Minimum of five (5) years of regulatory environment experience.
- Minimum of five (5) years of related hydro power industry experience.
- Equivalent combination of education and/or experience will be considered.

### **KNOWLEDGE and SKILLS**

- Knowledge of economic concepts of public utility regulation and ratemaking, accounting data and practices, market demand analysis and statistical theory.
- Technical knowledge of utility technologies, operations and procedures.
- Understanding of current electrical utility practices and principles related to integrated resource planning and generation planning.
- Understanding of technical and economic mathematical modeling required for the execution of integrated resource planning.
- Understanding of reservoir operation simulation and optimization models, as well as hydrologic forecasting models required for generation planning.
- Proficiency in technical and economic business case analysis required within the hydro power industry.

### **GENERAL COMPETENCIES**

- Delivery of defensible products: capability to deliver high quality product as per project scope, schedule and budget without making errors and omissions, attention to detail, working in a conscientious, consistent and thorough manner.
- Time Management/Priority Setting: Ability to simultaneously manage and deliver multiple projects under pressure and tight deadlines.
- Achievement Orientation: Self-motivated and focusing efforts on delivering products within the organization's standards.
- Initiative: Dealing with issues proactively, persistently with curiosity and critical thinking, seizing opportunities that arise.
- Analytical and Conceptual Thinking: Analyzing and synthesizing information to understand issues, identifying options, and supporting decision making.
- Using Information Technology: Using latest software and information technology,
- Communication: Assuming positive intent, being generous with information, making expectations explicit, listening to others and communicating articulately, fostering open communication.
- Teamwork: Capability and willingness to fit into multidisciplinary teams involved in technical, environmental, social and economic analysis of energy resource projects.

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- Negotiating and Mediating: Seeking to resolve different perspectives or problems and/or dispute by taking ownership, discovering common ground and seeking beneficial outcomes for the company and department.