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**Yukon Energy Corporation (YEC)  
Information Requests to ATCO Electric Yukon (AEY)  
AEY's 2016-2017 General Rate Application (GRA)**

**Overall Revenue Requirement**

**YEC-AEY-1 Requested Rate Increases and Revenue Requirement**

- a) Please provide Schedule 8.1 for 2013-2017 without 2016-2017 GRA, i.e. forecast Return on Equity (ROE), equity ratios and Rate Base forecast for 2016-2017 years without the effects of a GRA application.

**Section 2 – Sales and Revenue**

**YEC-AEY-2 Sales Forecast**

- a) Please provide a table with comparison of AEY's forecast (AEY internal and GRA) and actual sales by rate class and by rate zone (Hydro, Large Diesel, Small Diesel and Old Crow) for 2011, 2012, 2013, 2014 and 2015.
- b) Please provide the actual Use Per Customer by customer class for the last 5 years.

**YEC-AEY-3 Residential Sales Forecast**

- a) Please provide details of the residential customer forecast for 2016 and 2017. Please include a list of "all known residential property developments" (page 2-6, line 3) included in the forecast as well as the estimated additional number of customers for each development area.
- b) Please provide actual (2011-2015) and forecast (2016-2017) sales by month for each test year and rate zone (Hydro, Large Diesel, Small Diesel and Old Crow) in an excel file.

**YEC-AEY-4****Commercial Sales Forecast**

- a) Please provide the details of the commercial customer forecast for 2016 and 2017. Please include a list of the three new large commercial customers with the forecast load for each customer for each test year. Please also provide for each year (2011-2017) the number of new commercial customers in Whitehorse and the average UPC each year for these new customers.
- b) Please provide actual (2011-2015) and forecast (2016-2017) sales by month for each test year and rate zone (Hydro, Large Diesel, Small Diesel and Old Crow) in an excel file.

**YEC-AEY-5****Lighting Sales Forecast**

- a) Please provide the forecast method for streetlight sales, including average usage per light for each lighting type (kW.h/year/light type) and number of lights by lighting type and by community.
- b) Please provide actual (2011-2015) and forecast (2016-2017) sales by month for each test year and rate zone (Hydro, Large Diesel, Small Diesel and Old Crow) in excel file.

**YEC-AEY-6****Industrial Sales Forecast**

- a) Please provide any update regarding Whitehorse Copper Tailings (WHCT). Is this potential industrial load expected to require service within the next two to five years? Is there any updated information regarding potential energy requirements?

**YEC-AEY-7****AEY/YEC Retail Revenue**

- a) Please provide details of the AEY revenue forecast calculation by rate class for each test year, including assumed average rate per kW.h, assumed sales and revenue by rate blocks for each rate class and assumed sales and revenue by government and non-government customer type for each rate class.

**Section 3 – Purchase Power****YEC-AEY-8****Generation and Purchased Power forecast**

- a) Please provide details of requested Purchase Power Flow Through deferral account, including the following:
  - i. Please confirm the balance of this account is zero.

- ii. Please confirm that the Purchase Power Flow Through deferral account requires a collection mechanism to be implemented and approval by the YUB prior to collecting or refunding any balances.

#### **Section 4 – Fuel Cost**

**YEC-AEY-9**

##### **LNG Fuel Deferral Account**

- a) Is the LNG Fuel Deferral Account intended to operate in a similar manner to the Diesel Fuel Price Variance Account? Please explain.
- b) Please provide details of the LNG Fuel Deferral Account operation by providing examples:
  - i. For 1 year assuming LNG fuel prices are higher than GRA approved; and
  - ii. For 1 year assuming LNG fuel prices are lower than GRA approved
- c) Please explain if or how the LNG Fuel Deferral Account is expected to interact with the Diesel Fuel Price Variance Account and Rider F.
- d) Please describe and provide an example of the proposed collection mechanism.

#### **Section 5 – Operation and Maintenance Expense**

**YEC-AEY-10**

##### **Pension Costs**

- a) Please provide any update regarding the ATCO Utilities 2016 Pension Application process. Please provide any updates regarding the following:
  - i. Has an application been submitted to the Alberta Utilities Commission (AUC)? If so, please provide a copy or and electric link to the application.
  - ii. What are the requested 2016 pension expense levels included in the ATCO Utilities 2016 Pension Application? If the Application is not yet submitted what are the expected 2016 pension expense levels?
  - iii. Has a schedule for an AUC review process been established? If so, please provide.
  - iv. When is the earliest that an AUC decision is expected?

- b) Please explain further how tying YUB approval of pension expense levels to the outcome of the upcoming ATCO Utilities 2016 Pension Application will achieve regulatory efficiency?
- c) Please provide a reconciliation for each year 2012-2015 for:
  - i. the pension liability account; and
  - ii. the pension deferral account
- d) Please describe any impact to retained earnings or Other Comprehensive Income from actuarial valuations completed since 2011.

### **Section 8 – Return on Rate Base**

#### **YEC-AEY-11                      Cost of Capital**

- a) Please provide an update regarding the BCUC GCOC proceeding (Stage 1 proceeding) referenced on page 8-2. Has the BCUC issued a decision or order on this matter? If so, please provide.

#### **YEC-AEY-13                      Fish Lake Generation**

- a) Please provide the average output for Fish Lake Unit #1 and Fish Lake Unit #2 for the period from 2005 to 2015, and forecast output for the test years.
- b) Please provide the average output for Fish Lake Unit #2 and indicate how this was determined. Please detail the adjustments for the planned decrease in generation for capital builds reference on page 3-2.
- c) Please provide the five-year historical average used to calculate line losses as reference on page 3-3.

#### **YEC-AEY-14                      500kW Mobile Generator**

- a) Please provide a list of YECL diesel units with unit size and expected retirement dates as of December 31, 2017 by community.
- b) Please identify location of mobile units and communities they serve.

**YEC-AEY-15**

**Diesel Displacement**

- a) Please discuss further the proposed stand-alone proceeding to bring forward “for approval by the YUB” business cases for technically and economically feasible projects. How would such a proceeding be triggered what specific types of approvals would be sought as part of this proceeding?

**Other**

**YEC-AEY-16**

**Deferral Accounts**

- a) Please list all deferral accounts that AEY is seeking approval for in this application and indicate which accounts being proposed are new and which have been proposed and approved as part of previous applications.
- b) For deferral accounts that have been previously proposed and approved, please indicate if there are any changes to the proposed deferral account compared to the when it was previously approved.
- c) For deferral accounts that have been previously proposed and not approved, please indicate what has changed since the last time the deferral account was brought forward for approval.
- d) For new deferral accounts please provide the following information :
  - i. The purpose of the deferral account.
  - ii. Any precedents for the use of the account from other Canadian jurisdictions.
  - iii. Specify how costs to be deferred are not under the control of the company (for cost items where deferral treatment has not previously been sought, please indicate what has changed to require deferral treatment at this time).
  - iv. Specify how forecasting could produce a loss or gain of a substantial magnitude (for cost items where deferral treatment has not previously been sought, please indicate what has changed to require deferral treatment at this time).
  - v. Whether a collection/refund mechanism is to be implemented and how/ when this will be approved by the YUB prior to collecting or refunding any balances.
  - vi. Whether the presence/absence of the account has been considered in establishing the fair ROE for AEY for the test years, and how this has been factored into that determination.