



May 21, 2019

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319, 27th Floor
2300 Yonge Street
Toronto, ON M4P 1E4

Re: Toronto Hydro-Electric System Limited 2020-2024 Custom Price Cap Index (PCI) Application
AMPCO Second Round of Interrogatories
Board File No. EB-2018-0165

Dear Ms. Walli:

Attached please find AMPCO's second round of interrogatories.

Please do not hesitate to contact me if you have any questions or require further information.

Best Regards,

(Original Signed By)

Colin Anderson
President
Association of Major Power Consumers in Ontario

Copy to: Toronto Hydro-Electric System Limited

Toronto Hydro-Electric System Limited (THESL)

Application for electricity distribution rates beginning January 1, 2020 until December 31, 2024

AMPCO Second Round Interrogatories

U-AMPCO-110

Ref: U T1A S2 P5

Please provide a Bill Impact Table of the Distribution Portion of the bill only for typical customers in all classes.

U-AMPCO-111

Ref: U T1B S1 P5

THESL indicates in 2018, capital expenditures equalled 95 percent of planned expenditures.

What percentage of the original planned/budgeted work was completed in 2018 that contributes to the 95% spend? Please provide the calculation.

U-AMPCO-112

Ref: U T1B S1 P8 Figure 3

Please provide the number of Box Construction Poles replaced in 2018 and the forecast for 2019.

U-AMPCO-113

Ref: U T1B S1 P8 Figure 4

- a) At the end of 2018, please provide the total number of Network Units that are not watertight.
- b) Please provide one table that shows the number of Network Units with Submersible Protectors installed for each of the years 2013 to 2018 and forecast for 2019 to 2024.

U-AMPCO-114

Ref: U T1B S1 P12

Preamble: THESL Indicates it does not have updated asset condition assessment results at this time as it migrated its data – including core asset data – to a new enterprise system partway through 2018 and as a result of this unique situation, the current state assessment of the distribution system assets for 2019 has not been completed as of this submission.

- a) Please discuss the historical and current challenges this unique situation creates.

- b) Please discuss the challenges this unique situation creates specifically with respect to asset data management.
- c) When will updated asset condition assessment results be available?
- d) Please provide a listing of the asset data systems that were migrated to the new system.
- e) Please discuss if any underlying asset data quality issues were discovered as a result of the data migration.

U-AMPCO-115

Ref: U T1B S1 P13 Figure 10

- a) Please provide the circuit-kilometres of direct buried cable replaced in 2018.
- b) Please provide one table that shows the numerical values for Figure 10 for the years 2013 to 2018 and the forecast for the years 2019 to 2024.

U-AMPCO-116

Ref: U T1B S1 P14 Table 2

- a) Please add a column to the table that shows the previous 3-year Weighted Average Unit Costs.
- b) Please provide an excel version of the table in part (a).

U-AMPCO-117

Ref: U T1B S1 P17 Figure 13

Please provide Figure 13 excluding Major Event Days and Loss of Supply.

U-AMPCO-118

Ref: U T1B S1 P17 Figure 14

- a) Please provide the number of outages caused by Defective Equipment in 2018.
- b) Please provide the number of outages in 2018 allocated to Overhead, Underground, Network and Stations.

U-AMPCO-119

Ref: U T1B S1 P19

Preamble: THESL indicates that as a result of the migration of the enterprise software system partway through 2018, a longer lead time is required to gather a quality data extract from which the metric's analysis is performed.

- a) Please discuss the underlying issue that prevents a quality data extract at this time.
- b) Please explain the work needed to resolve this issue.

U-AMPCO-120

Ref: U T1B S1 P19

Preamble: THESL indicates its Standard Asset Assembly Labour Input is an annual progress report that addresses the status of THESL's framework for standardizing the estimation, management and reporting of construction work progress by the utility's crews. In 2018, THESL migrated enterprise software systems and is now working towards implementing its asset assembly processes in its new environment.

- a) When does THESL expect to complete the implementation of its asset assembly processes in the new environment?
- b) How does the migration of enterprise software systems specifically impact the estimation, management and reporting of construction activities?
- c) How does the migration of enterprise software systems specifically impact the tracking of the total number of labour hours?

U-AMPCO-121

Ref: U T1B S1 P31 Figure 28 & Figure 29

- a) Please provide the weather impacts that are included in "cumulative weather reliability impacts".
- b) Please provide a breakdown of SAIFI values in Figure 28 by these weather impacts.
- c) Please provide a breakdown of SAIDI values in Figure 29 by these weather impacts.

U-AMPCO-122

Ref: U T1B S1 P31 Figure 32

Please discuss if anything can be done to reduce "Unknown Impacts".

U-AMPCO-123

Ref: U T1C S2 P29

With respect to Operating Conditions, please define External Services and explain the \$11.6 million increase in External Services in 2018 compared to 2017.

U-AMPCO-124

Ref: U T1C S5 P14

THESL's Annual Information Form for The Year Ended December 31, 2018 provides the following information with respect to Reliability of the Distribution System:

(vii) *Reliability of Distribution System*

The table below sets forth certain industry recognized measurements of system reliability with respect to LDC's electricity distribution system and the composite measures reported by LDC and the CEA for the twelve month periods ending December 31 in the years indicated below.

	LDC	LDC	CEA
	2018	2017	2017⁽¹⁾
SAIDI	0.98	0.99	7.15
SAIFI	1.48	1.43	2.53
CAIDI.....	0.66	0.69	2.82

The Note at the bottom of the Table states "Data was extracted from the CEA's 2017 Service Continuity Report on Distribution System Performance in Electrical Utilities, excluding significant events. At the date of this AIF, such report for the year 2018 has not been published by the CEA.

Please provide the CEA Reports for 2017 and 2018.

U-AMPCO-125

Ref: U T1C S5 P15

Please explain the decrease in Large Users from 44 in 2017 to 38 in 2018.

U-AMPCO-126

Ref: U T2 S2 P8 to 16

For each of the Programs listed in Table 10, Table 11, Table 12, Table 13 and Table 14 (Transformer Stations and Municipal Stations only), please provide the forecast number of assets to be replaced by asset type compared to actuals in 2018.

U-AMPCO-127

Ref: U T4A P3

a) Please explain why THESL performed less maintenance work in 2018 than in 2017.

b) Was this decrease in work planned?

U-AMPCO-128

Ref: U T4A P2

THESL indicates it hired a lower number of FTEs in 2018 than the utility forecast.

Please provide a table that sets out the forecast number of FTEs for the years 2013 to 2018 compared to actuals in the 2-K FTE categories: Executive, Managerial, Non-Management/Non-Union, Contract for a Defined Term, Society and PWU.

U-AMPCO-129

Ref: U T4A S3 P2

Please provide the number of vacancies by month for 2018 and the total budget impact of these vacancies in 2018.

U-AMPCO-130

Ref: 2B-SEC-51

Please update the excel spreadsheet in 2B-SEC-51 with 2018 actuals.

U-AMPCO-131

Ref: 2B-SEC-52

Please update the excel spreadsheet in 2B-SEC-52 with 2018 actuals.

U-AMPCO-132

Ref: 2B-AMPCO-52

Please update the excel spreadsheet in 2B-AMPCO-52 with 2018 actuals.

U-AMPCO-133

Ref: 2B-AMPCO-21

Please provide THESL's calculation of the percentage of assets at End of Useful Life at the end of 2018, the percentage of assets to reach Useful Life by the End of Forecast Period (2025), and the percentage of assets not at End of Useful Life.