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LOADS, CUSTOMERS AND REVENUE

2

1

- 3 Toronto Hydro's total load, customer and distribution revenue forecast is summarized in
- 4 Table 1. The revenue forecast is calculated based on proposed distribution rates,
- 5 excluding commodity, rate riders, and all other non-distribution rates.

6

Table 1: Total Load, Revenues and Customers

| | · Ioui | Total Normalized | Total Normalized | Total Distribution | Total |
|------|--------|------------------|------------------|--------------------|-----------|
| YE | AR | GWh | MVA | Revenue (\$M) | Customers |
| 2009 | Actual | 25,572.8 | 42,754.7 | \$475.2 | 689,399 |
| 2010 | Actual | 25,607.2 | 43,273.3 | \$519.3 | 696,729 |
| 2011 | Actual | 25,419.0 | 43,020.2 | \$522.2 | 705,756 |
| 2012 | Actual | 25,639.2 | 43,544.5 | \$526.5 | 713,093 |
| 2013 | Actual | 25,213.2 | 42,658.7 | \$528.6 | 724,144 |
| 2014 | Bridge | 25,018.5 | 42,712.7 | \$539.4 | 736,974 |
| 2015 | Test | 24,993.3 | 42,697.2 | \$661.2 | 749,679 |
| 2016 | Test | 25,027.4 | 42,806.2 | \$696.8 | 763,091 |
| 2017 | Test | 24,841.6 | 42,631.3 | \$753.9 | 773,850 |
| 2018 | Test | 24,696.9 | 42,584.4 | \$809.9 | 785,107 |
| 2019 | Test | 24,611.4 | 42,529.2 | \$857.2 | 796,865 |

Notes:

- 1. Total Normalized GWh are purchased GWh (before losses), and are weather normalized to the Test Year heating and cooling degree day assumptions.
- 2. Total Normalized MVA are weather normalized MVA.
- 3. Total Distribution Revenue is weather normalized and includes an adjustment for the Transformer allowance.
- 4. Total Customers are as of mid-year and exclude street lighting devices and unmetered load connections.
- The detailed load forecasts by rate class are shown at Exhibit 3, Tab 1, Schedule 1,
- 9 Appendix B. Forecasts of customers by rate class are shown at Exhibit 3, Tab 1,
- Schedule 1, Appendix C. Forecast of distribution revenues by rate class are shown at
- Exhibit 3, Tab 1, Schedule 1, Appendix E.

- The information provided for the Load, Customers and Revenue exhibit is prepared
- 2 according to the Board's Filing Requirements for Electricity Distribution Rate
- 3 Applications (July 17, 2013).

5

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6

9

1. HISTORICAL LOADS

- 7 Historical total system load (actual and weather-normalized) for Toronto Hydro is
- 8 illustrated in Figure 1 below.

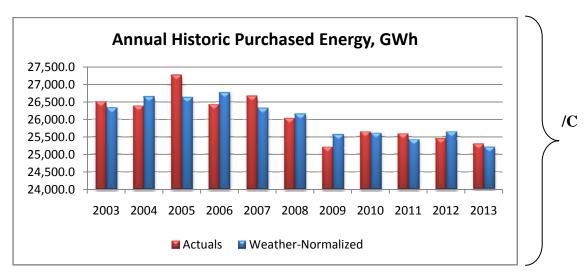


Figure 1: Historical Purchased Energy

- Since 2007, there has been a significant decrease in total energy consumption.
- Essentially flat growth over the 2004-2006 period has been replaced by declining loads
- over the 2007-2013 period. While it is difficult to precisely attribute this decline to any
- particular event, Toronto Hydro believes that the effect of conservation activities both
- program driven and naturally occurring continue to have a significant impact on the
- overall load change. Furthermore, in late 2008 and 2009, economic conditions also

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- contributed to the load decline. Table 2 shows a summary of the total historical
- 2 normalized annual loads and growth.

3

4 Table 2: Historical Annual Load

| Year | Total Normalized GWh | Growth GWh | Percentage Change (%) |
|------|----------------------|------------|-----------------------|
| 2003 | 26,329.7 | | |
| 2004 | 26,659.5 | 330 | 1.3% |
| 2005 | 26,641.7 | -18 | -0.1% |
| 2006 | 26,767.2 | 126 | 0.5% |
| 2007 | 26,323.5 | -444 | -1.7% |
| 2008 | 26,160.9 | -163 | -0.6% |
| 2009 | 25,572.8 | -588 | -2.2% |
| 2010 | 25,607.2 | 34 | 0.1% |
| 2011 | 25,419.0 | -188 | -0.7% |
| 2012 | 25,639.2 | 220 | 0.9% |
| 2013 | 25,213.2 | -426 | -1.7% |

5 **2. LOAD FORECAST METHODOLOGY**

- 6 Toronto Hydro's load forecast methodology consists of the three-step process which
- 7 explicitly takes into account historic and forecast CDM impacts. First, the actual
- 8 historical cumulative CDM impacts are added back to the system purchased energy.
- 9 Second, the load (gross of CDM) is forecasted based on multifactor regression
- techniques. Third, the cumulative forecast CDM impacts are deducted from the gross
- load forecast to derive to the load forecast (net of CDM).

- Energy forecasts are developed for each rate class separately. Peak demand at the rate
- class level is based on historical relationships between energy and demand. Total system
- load is summed from the individual rate class loads. The forecast of customers by rate
- class is determined using time-series econometric methodologies. Revenues are

1 determined by applying the proposed distribution rates to the rate class billing 2 determinants for the forecast period. 3 4 kWh LOAD FORECAST 3. 5 6 3.1. **Multivariate Regression Model** 7 The process of developing a model of energy usage involves estimating multifactor 8 models using different input variables to determine the best fit. Different models were fit 9 based on a priori assumptions about which input variables impact energy use. Using 10 stepwise regression techniques, numerous explanatory variables were tested with the 11 ultimate model being determined based on model statistics and judgement. 12 13 Models are developed for each rate class separately. This methodology allows for greater 14 detail in modelling loads, and allows for the different interactions to be modelled 15 independently. All of the regression models use monthly kWh per day as the dependent 16 variable, and monthly values of independent variables from July, 2002 through to the 17 18 latest actual values (December 2013) to determine the monthly regression coefficients. 19 The main drivers of the energy consumption over time are weather, energy conservation 20 activities – both program and natural related, as well as calendar, economic and 21 22 demographic conditions. While load impacts related to the CDM program activities are explicitly taken into account prior to and after the modelling (see section below on CDM 23 forecast), the remainder of the effects are captured through the multivariate regression 24 25 model. 26 27 The primary driver of consumption within years remains weather. Weather impacts on

load are apparent in both the winter heating season, and in the summer cooling season.

- For that reason, both Heating Degree Days ("HDD" a measure of coldness in winter)
- 2 and Cooling Degree Days ("CDD" a measure of summer heat) are captured in the
- multifactor regression model. In previous rate filings, Toronto Hydro has indicated that
- 4 the standard definition of HDD, which uses 18 degrees Celsius as the point at which loads
- start to be impacted by temperature, was not as effective as a measure which uses 10
- 6 degrees Celsius as the "balance point" for the HDD measure. Figure 2 below shows the
- relationship between temperatures and loads for the period of July 2002-December 2013.
- 8 It is clear that the relationship between heating loads and temperature changes at 10
- 9 degrees Celsius. Toronto Hydro uses this 10 degrees Celsius "balance point" for
- construction of its HDD measure.

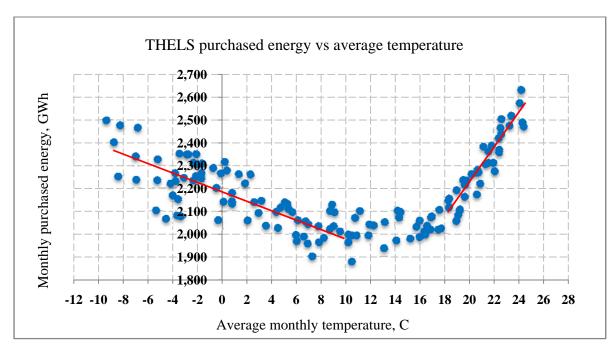


Figure 2: Purchased Energy vs Average Temperature

- Dew point temperature is another type of weather factor, included as an explanatory
- variable for the GS < 50 kW, GS 50-999 kW, GS 1000-4999 kW, and Large Use
- customer classes. This variable captures the impact of humidity on consumption and

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1 shows the positive impact of temperature on loads during summer months and negative 2 impact during winter months. 3 Demographic, economic conditions and natural related conservation activities are 4 captured within the model by customer, population, Toronto unemployment rate and time 5 trend variables. The Toronto unemployment rate reflects the level of economic 6 fluctuations, and was found to be statistically significant in the GS <50 kW, GS 50-999 7 kW and GS 1000-4999 kW class models. Population and customer variables capture 8 overall levels of demographic fluctuations, and were found to be statistically significant 9 in the Residential, GS < 50 kW, GS 50-999 kW, GS 1000-4999 kW and Large Use class 10 models. 11 12 The time trend variables used in the models are intended to capture trends which are not 13 otherwise explained by the other driver variables. The Residential model uses a simple 14 time trend variable which captures the observed downward trend in consumption over the 15 historical period. Since the models are based on consumption with CDM loads "added 16 back" to loads, CDM activities alone cannot explain this trend. 17 18 For the GS<50kW and Large Use customer classes, a clear change in trend has occurred. 19 For these two classes, Toronto Hydro has incorporated a linear spline time trend. 20 Consumption for these two classes displays a clear change in trend between the 2002-09 21 period and the 2010-13 period, and is captured by this type of time trend. 22 23 Another factor determining energy use in the monthly model can be classified as 24 25 "calendar factors". For example, the number of business days in a month will impact total monthly load. To capture the different number of days in the calendar months the 26 27 modelling of purchased energy was performed on a per-day basis. To reflect different

numbers of business days in the month and, consequently, different number of peak

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- hours, business day percentage was used in those class models. A dummy variable was
- also included to reflect the impact of the 2003 August blackout on energy use in that
- 3 month.

4

- 5 Exhibit 3, Tab 1, Schedule 1, Appendix A-1 contains the historical and forecast load and
- 6 input variable details. The model statistics for each class model are shown in Exhibit 3,
- 7 Tab 1, Schedule 1, Appendix A-2.

8

- 9 From the regression models, the forecast of energy usage is determined by applying the
- model coefficients to forecasts of the input variables.

- The forecast for heating, cooling degree-days, and dew-point temperature inputs is based
- on a ten-year historical average of HDD, CDD and Dew. A 10-year average was chosen
- over the 20-year average based on analysis of the annual HDD and CDD data that shows
- a definite trend in HDD and CDD (see Figure 3 below). Using an average over the
- longer time period would therefore be less reflective of the most recent data and an
- inferior forecast of HDD and CDD. Toronto Pearson International Airport station was
- used as the climatological measurement point for establishing monthly HDD and CDD.

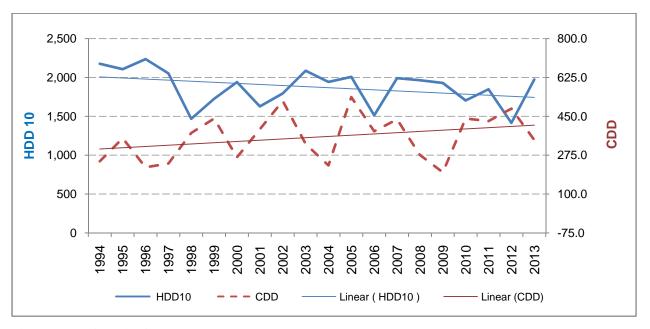


Figure 3: Historic CDD and HDD

- 2 The forecast of the City of Toronto unemployment rate and population was derived based
- on the Conference Board of Canada forecast of the Toronto CMA unemployment rate
- and population using a pair regression model.

6 The following table summarizes the variables included in each of the rate class energy

7 models.

1

Table 3: Regression Variables by Rate Class

| Residential | Competitive Sector Multi-unit Residential | GS<50 kW | GS 50-999 kW | GS 1,000-4,999 kW | Large Use | Street lighting | Unmetered Load |
|-------------------------|---|------------------------------------|--|--|-----------------------------|------------------------|--------------------------------------|
| HDD10 per day | | HDD10 per day | HDD10 per day | HDD10 per day | HDD10 per day | | |
| CDD per day | | CDD per day | CDD per day | CDD per day | CDD per day | | |
| Toronto City Population | | Dew Point Temperature | Dew Point Temperature | Dew Point Temperature | Dew Point Temperature | | |
| Time Trend | | Number of GS<50 kW customers | Business Days Percentage | Business Days Percentage | Business Days Percentage | | |
| Blackout dummy | Normalized Average Use per Customer | Toronto Unemployment Rate | Toronto Unemployment Rate | Toronto Unemployment Rate | Number of LU customers | Average use per device | Simple extrapolation technique |
| Intercept term | | Time Trend | Number of GS 50-999 kW customers | Number of GS 1,000-4,999 kW customers | Time Trend | | |
| | | Blackout | Blackout | Blackout | Blackout | | |
| | | dummy | dummy | dummy | dummy | | |
| | | Intercept term | Intercept term | Intercept term | Intercept term | | |

1 3.2. Normalized Average use per Customer ("NAC") Model

- 2 The load forecast for Competitive Sector Multi-unit Residential ("CSMUR") was
- determined using the NAC as the most suitable model for this relatively new rate class.
- 4 Historically, CSMUR customers were part of Residential rate class, however, as directed
- 5 by the Ontario Energy Board in EB-2010-0142, Toronto Hydro established a separate
- 6 rate class with rates implemented as of June 1, 2013.

8 Similarly to the other rate classes, the forecast for CSMUR consumption explicitly

9 incorporates CDM volumes.

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The Normalized Average use per customer for CSMUR rate class is based on hourly load

profile sample data from 2012 and is weather—corrected over a ten-year historical average

of HDD and CDD. This average use per customer is then multiplied by the forecast of

CSMUR customers to arrive at the forecast consumption for this class.

4. CLASS DEMAND FORECAST

The forecast of monthly peak demand by customer class, which is used to determine

revenue for those customers billed on a demand basis, is established using historical

20 relationships between energy and demand. The demand forecast is explicitly adjusted to

reflect the impacts from the cumulative estimated CDM activities and subsequently,

converted based on the billing factors to the peak demand forecast (net of CDM). The

cumulative CDM demand forecast consists of incremental CDM forecast as well as

24 persistence from the CDM demand savings. The demand savings for the Demand

25 Response ("DR") programs were excluded from the total CDM demand savings. Toronto

26 Hydro believes that the peak demand savings from the DR programs are not necessarily

coincident with customer's individual peak demand for the demand reduction occurrence

(see table 5 with the 2014-2019 cumulative CDM kW forecast under the section below).

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5. CDM FORECAST

2 Consistent with the Board's CDM Guideline EB-2012-0003, Toronto Hydro confirms

that it has explicitly included the impacts of CDM into its load forecast.

4

1

5 The cumulative CDM forecast deducted from the gross load (step 3 of the three-step

6 process described previously) includes the CDM savings for programs delivered in each

year plus the persistence of these programs through subsequent years.

8

9 The forecasted CDM savings for the 2015 to 2019 period were developed based on the

assumption that there will be a continuation of conservation programs throughout the rate

filing period as announced in the Conservation First Framework released on March 31,

12 2014 by the Ministry of Energy. In the absence of the framework being developed in

detail, the projected conservation achievements are based on a number of assumptions

that partly rely on Toronto Hydro's experience and progress toward the current provincial

targets, and partly on the anticipated target assigned for the 2015 to 2020 conservation

planning period.

17

15

18 With respect to the timing of CDM savings in this forecast, there are significant

uncertainties due to the fact that there is very little information regarding the landscape of

20 conservation offerings, the level of funding, and target and contribution calculations.

However, it is known that the new phase of programming will prioritize customer energy

savings, moving away from the peak demand focus of the former saveONenergy

strategies. This is most obviously reflected by the fact that the provincial target carries

only an energy total, rather than energy and demand requirements. Choosing this as the

25 most reliable starting point, Toronto Hydro forecasts achieving the required energy

savings – assuming it will be responsible for achieving approximately 21% of the

27 provincial total of 7 TWh, or 1.5 TWh – by the end of 2020.



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Tab 1 Schedule 1

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In terms of allocating the Conservation First target alignment, the effects of new program

- build-up and then eventual market saturation determined the basic assignment of annual
- savings. From historical program experience, monthly project application patterns and
- 4 realized monthly energy savings were calculated and extrapolated for the forecast.
- 5 Furthermore, conservation and efficiency measure persistence has been applied, which is
- shown to limit the increase of the cumulative conservation totals year after year.

8 The result of the factors mentioned above produces a CDM energy reduction forecast,

9 with the anticipated end result being a significant step towards realizing the Conservation

First target of nearly 1.5 TWh by 2020. It is anticipated that Toronto Hydro will be

equipped with the resources to achieve this level of achievement, as is expected with the

current suite of programming and the saveONenergy targets that are on track and nearing

13 a close.

7

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15 Historical and estimated CDM savings used in the load forecast are "gross" numbers and

hence, include "free riders". Toronto Hydro believes that "gross" CDM savings are the

17 correct values to apply in to the load forecast used to determine billing units. With

respect to future lost revenue adjustment mechanism variance account ("LRAMVA")

19 however, it is Toronto Hydro's understanding that the CDM applied in this forecast will

be the basis for the LRAMVA and that the LRAMVA balance will reflect the difference

between estimated and actual CDM savings on a net basis.

Tables 4 and 5 represent the summaries of the cumulative forecast CDM consumption

24 and demand impacts by class used for establishing the load forecast (net of CDM).

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Table 4: Cumulative Forecast CDM Consumption Impacts, MWh (Gross) 1

| Year | Residential | CSMUR | GS <50 kW | GS 50-999 kW | GS 1000- 4999 kW | Large Use | Total |
|------|-------------|-------|--------------|-----------------|---------------------|--------------|-----------|
| 2014 | 249,881 | 1,849 | 292,894 | 482,720 | 255,810 | 227,806 | 1,510,960 |
| 2015 | 247,956 | 2,230 | 327,287 | 581,053 | 272,578 | 234,702 | 1,665,806 |
| 2016 | 242,745 | 2,679 | 360,162 | 685,347 | 286,183 | 237,405 | 1,814,521 |
| 2017 | 255,602 | 3,192 | 405,522 | 813,037 | 306,530 | 244,800 | 2,028,683 |
| 2018 | 274,839 | 3,747 | 454,912 | 950,884 | 331,509 | 255,922 | 2,271,813 |
| 2019 | 282,450 | 4,309 | 492,150 | 1,069,040 | 348,080 | 260,023 | 2,456,052 |

Table 5: Cumulative Forecast CDM Demand Impacts, MW (Gross) 2

| Year | GS 50-999 kW | GS 1000-4999 kW | Large Use | Total |
|------|--------------|-----------------|-----------|----------|
| 2014 | 794.81 | 421.71 | 412.82 | 1,629.34 |
| 2015 | 968.59 | 461.64 | 450.29 | 1,880.52 |
| 2016 | 1,137.25 | 477.49 | 463.67 | 2,078.41 |
| 2017 | 1,337.24 | 509.39 | 492.62 | 2,339.25 |
| 2018 | 1,536.51 | 532.35 | 512.18 | 2,581.04 |
| 2019 | 1,725.63 | 560.20 | 537.68 | 2,823.51 |

- Table 6 includes 2014-2019 total gross forecast CDM consumption and demand impacts 3
- per year with no prior persistence. Table 7 includes 2014-2019 total gross forecast CDM 4
- demand impacts per year with no prior persistence for those customers billed on a 5
- demand basis. 6



EB2014-0116 Exhibit 3 Tab 1 Schedule 1

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Table 6: 2014-2019 Total Gross Forecast CDM Consumption Impact, MWh 1

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |] |
|-------------------|--------|---------|---------|---------|-----------|-----------|---|
| 2014 CDM Forecast | 92,021 | 227,454 | 224,889 | 219,698 | 211,783 | 200,718 | |
| 2015 CDM Forecast | | 99,619 | 246,300 | 243,546 | 237,924 | 229,353 | |
| 2016 CDM Forecast | | | 120,946 | 298,801 | 295,377 | 288,559 | |
| 2017 CDM Forecast | | | | 147,823 | 365,202 | 359,874 | |
| 2018 CDM Forecast | | | | | 141,104 | 348,601 | |
| 2019 CDM Forecast | | | | | | 127,665 | |
| Total | 92,021 | 327,073 | 592,135 | 909,868 | 1,251,390 | 1,554,770 | ー |

Table 7: 2014-2019 Total Gross Forecast CDM Demand Impact, MW 2

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------|--------|--------|--------|----------|----------|----------|
| 2014 CDM Forecast | 120.11 | 253.80 | 250.34 | 242.59 | 232.87 | 217.67 |
| 2015 CDM Forecast | | 152.36 | 321.97 | 317.58 | 307.75 | 295.42 |
| 2016 CDM Forecast | | | 164.57 | 347.77 | 343.03 | 332.40 |
| 2017 CDM Forecast | | | | 201.14 | 425.05 | 419.26 |
| 2018 CDM Forecast | | | | | 192.00 | 405.73 |
| 2019 CDM Forecast | | | | | | 173.71 |
| Total | 120.11 | 406.16 | 736.88 | 1,109.08 | 1,500.70 | 1,844.19 |

6. **CUSTOMER FORECAST**

- The forecast of new customers for all classes is primarily based on extrapolation models 4
- for each rate class. Customer additions in the company's operating area have been fairly 5
- flat over recent history, with the exception of the customers from the newly classified 6
- CSMUR rate class (implemented on June 1, 2013), whose rate of growth has been 7
- increasing as a result of Toronto Hydro's suite metering activities. Historically, CSMUR 8
- customers were included in the Residential rate class. With the establishment of the new 9
- CSMUR class, historical Residential customers that fall under a current definition of 10
- CSMUR class were identified, excluded from the Residential class, and forecasted 11
- independently. The detailed forecast of customers by rate class is found in Exhibit 3, Tab 12
- 1, Schedule 1, Appendix C-1. 13

1 7. ACCURACY OF LOAD FORECAST AND VARIANCE ANALYSES

- Table 8 summarizes the variances between actual loads and the last Board-approved
- loads (filed in Toronto Hydro's EB-2010-0142 2011 rate filing).

5 Table 8: Forecast vs. Actual Purchased Energy

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| | Board- Approved Load Forecast | Actua | l Load | Weather Norr | nalized Actual |
|------|--|----------|----------|--------------|----------------|
| | GWh | GWh | Variance | GWh | Variance |
| 2010 | 25,374.3 | 25,639.5 | 1.0% | 25,603.0 | 0.9% |
| 2011 | 25,285.6 | 25,585.8 | 1.2% | 25,409.3 | 0.5% |

- 6 Year to year variances in historical loads and customers reflect the impacts of weather,
- 7 economic conditions, CDM, and normal customer growth. Some year to year variance
- 8 arises from re-classification of customers. Loads and customers reported for the
- 9 Residential class are impacted in 2013 by the creation of the new Competitive Sector
- Multi-Unit Residential class, which was formerly part of the Residential class.

For the forecast periods, year to year variances in loads and customers reflect the impact

of model driver variables and CDM assumptions. In addition, some re-classification is

anticipated for the General Service and Large Use classes in 2014.

Tables showing year-over-year and actual vs. Board-approved loads and customers can

be found in Exhibit 3, Tab 1, Schedules 1, Appendices B-3 and C-2.

Table 1: Model Input Data

| 6-1-1 | | 215 | | | | | 0.15 | | | 61.44 | 0-1-40 | 61.45 | 6.1.46 | 61.4- | | C 1 := | 61.4- | 61.5 | 6 1 2- | 61.5 | 0.1.5- | | 2.127 | 6 1 2- | C-1 22 | . 27 | 67. |
|----------------------|--------------------------|--|------------------------|--------------------------|--------------------------|------------------------|--------------------|--------------------------------|--------------------|---------|----------------|-----------------|---------------------|----------------|------------------|------------|---------------------------------|-----------------|----------------------------|-------------------|-------------------------|-----------------------------|---------------------------------|------------------|---------------------------|------------|--------------|
| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 | Col. 20 | Col. 21 | Col. 22 | Col. 23 | Col. 24 | Col. 25 | Col. 26 Co | l. 27 | Col. 28 |
| Month | | | Purchased En | ergy per day, l | wWh (by custom | er class) | | | | Cumula | itive CDM im | pacts per day | , kWh | | HDD10 per day | CDD18 | Toronto Population ('000) | Time | Trend | Blackout Dummy | DewPoint Temperature | Business Days Percent | Toronto Unemployment Rate | (| Customer Nun | nbers | |
| | Residential | Competitive Sector Multi- Unit Residential (CSMUR) | GS<50 kW | GS 50-999 kW | GS 1000-4999 kW | Large Use | Street lighting | Unmetered Scattered Load | Residential | CSMUR | GS<50 kW | GS 50-999 kW | GS 1000- 4999 kW | Large Use | | | | Residenti al | GS<50 kW & Large Use | | | | | | GS 50- GS 1 999 kW 499 | | Large Use |
| Jul 2002 | 19,204,876 | | 8,649,128 | 31,276,255 | 16,527,279 | 8,820,370 | 256,949 | 166,002 | | | | | | | 0.0 | 6.2 | 2,073 | 1 | 1 | 0 | 15.6 | 71.0 | 8.8 | 66,908 | 10,576 | 484 | 4 |
| Aug 2002 | 18,511,523 | | 8,183,954 | | | 8,346,209 | 246,772 | 159,547 | | | | | | | 0.0 | 4.6 | 2,072 | 2 | 2 | 0 | 22.1 | 67.7 | 10.4 | - | • | 480 | 4 |
| Sep 2002 Oct 2002 | 16,114,720 14,513,865 | | 7,687,179 6,947,084 | | | 7,895,845 7,127,650 | 269,652 306,016 | 158,251 155,740 | | | | | | | 0.0 3.0 | 2.9 0.3 | 2,071 2,072 | 3 4 | 3 4 | 0 | 13.6 4.8 | 66.7 71.0 | 9.0 8.2 | 66,826 66,859 | | 482 485 | 2 |
| Nov 2002 | 15,395,003 | | 7,232,335 | | | 7,204,315 | 363,235 | 158,333 | | | | | | | 7.1 | 0.0 | 2,055 | 5 | 5 | 0 | -0.5 | 70.0 | 7.3 | - | 10,680 | 485 | |
| Dec 2002 Jan 2003 | 17,264,325 18,311,915 | | 7,335,346 7,916,178 | | 13,783,673 14,995,396 | 7,157,154 7,598,243 | 373,118 403,495 | 162,451 163,775 | | | | | | | 12.0 18.3 | 0.0 | 2,040 2,035 | 6 7 | <u>6</u> 7 | 0 | -5.6 -11.6 | 64.5 71.0 | 7.9 9.3 | 66,934 66,987 | | 486 487 | 4 |
| Feb 2003 | 17,946,872 | | 8,123,903 | | | 7,633,376 | 371,971 | 162,553 | | | | | | | 17.0 | 0.0 | 2,033 | 8 | 8 | 0 | -11.3 | 71.4 | 8.0 | · · | • | 487 | 2 |
| Mar 2003 | 16,306,690 | | 7,612,193 | | | 7,296,898 | 339,070 | 159,786 | | | | | | | 10.8 | 0.0 | 2,036 | 9 | 9 | 0 | -5.5 | 67.7 | 7.7 | - | | 485 | • |
| Apr 2003 May 2003 | 14,622,587 13,572,543 | | 7,121,777 6,652,815 | | 13,805,589 13.226.484 | 7,149,673 7,017,781 | 288,109 236,326 | 160,638 153,861 | | | | | | | 5.3 0.2 | 0.1 0.0 | 2,043 2,043 | 10 11 | 10 11 | 0 | -1.8 6.5 | 70.0 67.7 | 8.1 9.4 | - | • | 487 491 | 4 |
| Jun 2003 | 14,771,959 | | 7,206,195 | | | 7,638,136 | 232,369 | 158,462 | | | | | | | 0.0 | 1.8 | 2,059 | 12 | 12 | 0 | 11.9 | 70.0 | 8.7 | 66,958 | 10,845 | 489 | 4 |
| Jul 2003 | 16,298,890 15,735,506 | | 7,827,787 | | | 7,771,092 7,483,754 | 252,559 238,901 | 163,533 | | | | | | | 0.0 | 3.8 4.1 | 2,054 2,067 | 13 14 | 13 14 | 0 | 14.7 16.0 | 71.0 64.5 | 10.6 9.8 | - | | 492 491 | |
| Aug 2003 Sep 2003 | 14,015,178 | | 7,524,161 6,905,035 | | | 7,463,734 | 279,868 | 159,766 157,630 | | | | | | | 0.0 | 0.8 | 2,007 | 15 | 15 | 0 | 11.7 | 70.0 | 9.4 | - | | 491 | 2 |
| Oct 2003 | 13,928,118 | | 6,717,373 | | | 6,912,996 | 326,382 | 159,766 | | | | | | | 2.3 | 0.0 | 2,059 | 16 | 16 | 0 | 4.7 | 71.0 | 7.9 | - | | 493 | 4 |
| Nov 2003 Dec 2003 | 15,092,616 16,844,234 | | 6,999,278 7,272,589 | | | 7,029,585 6,932,811 | 383,778 400,325 | 161,194 161,702 | | | | | | | 5.4 10.1 | 0.0 0.0 | 2,072 2,055 | 17 18 | 17 18 | 0 | 1.6 -4.0 | 66.7 67.7 | 8.1 6.9 | - | | 496 497 | |
| Jan 2004 | 17,978,692 | | 7,272,383 | | | 8,177,818 | 405,204 | 167,312 | | | | | | | 19.4 | 0.0 | 2,045 | 19 | 19 | 0 | -13.1 | 67.7 | 8.4 | 66,973 | | 497 | |
| Feb 2004 | 17,170,190 | | 7,700,344 | | | 7,211,845 | 356,252 | 163,516 | | | | | | | 13.8 | 0.0 | 2,058 | 20 | 20 | 0 | -8.3 | 69.0 | 7.6 | - | • | 497 | 4 |
| Mar 2004 Apr 2004 | 15,629,667 14,026,791 | | 7,263,222 6,860,879 | | | 7,168,856 7,142,223 | 341,915 284,717 | 162,663 160,004 | | | | | | | 7.9 3.9 | 0.0 0.0 | 2,051 2,061 | 21 22 | 21 22 | 0 | -2.1 0.6 | 74.2 70.0 | 8.7 7.5 | 67,001 66,920 | | 499 498 | |
| May 2004 | 13,190,260 | | 6,697,193 | | 13,536,594 | | 236,779 | 158,600 | | | | | | | 0.6 | 0.3 | 2,056 | 23 | 23 | 0 | 7.9 | 64.5 | 9.1 | - | | 498 | |
| Jun 2004 | 13,682,848 | | 6,996,090 | | | 7,501,466 | 230,928 | 161,946 | | | | | | | 0.0 | 1.1 2.8 | 2,058 2,062 | 24 | 24 25 | 0 | 11.1 15.5 | 73.3 67.7 | 8.2 10.0 | | • | 494 495 | 4 |
| Jul 2004 Aug 2004 | 14,728,572 14,329,725 | | 7,410,303 7,313,804 | | | 7,789,243 7,491,884 | 247,688 232,359 | 164,679 160,171 | | | | | | | 0.0 | 1.9 | 2,002 | 25 26 | 26 | 0 | 14.1 | 67.7 | 9.2 | | | 494 | |
| Sep 2004 | 13,952,065 | | 7,074,372 | | | 7,559,001 | 287,188 | 163,732 | | | | | | | 0.0 | 1.4 | 2,083 | 27 | 27 | 0 | 12.8 | 70.0 | 8.2 | - | • | 494 | |
| Oct 2004 Nov 2004 | 13,466,693 14,734,158 | | 6,596,275 6,925,586 | | | 6,960,710 7,104,274 | 322,754 380,877 | 159,158 161,489 | | | | | | | 0.8 4.7 | 0.0 0.0 | 2,066 2,091 | 28 29 | 28 29 | 0 | 6.0 0.5 | 64.5 73.3 | 8.6 7.7 | | | 495 498 | |
| Dec 2004 | 16,962,969 | | 7,498,072 | | | 7,287,318 | 393,686 | 167,781 | | | | | | | 12.8 | 0.0 | 2,060 | 30 | 30 | 0 | -6.1 | 67.7 | 7.9 | - | | 498 | |
| Jan 2005 | 17,644,488 | | 7,884,202 | | | 7,502,345 | 415,029 | 163,047 | | | | | | | 16.8 | 0.0 | 2,070 | 31 | 31 | 0 | -10.7 | 64.5 | 7.8 | · · | | 501 | |
| Feb 2005 Mar 2005 | 16,986,994 15,704,996 | | 7,790,034 7,441,105 | | | 7,412,682 7,319,912 | 380,503 357,292 | 159,982 157,327 | | | | | | | 14.0 11.6 | 0.0 0.0 | 2,082 2,088 | 32 33 | 32 33 | 0 | -7.1 -6.2 | 71.4 71.0 | 8.9 8.4 | - | | 501 504 | |
| Apr 2005 | 13,765,854 | | 6,766,118 | | 13,762,751 | | 296,587 | 153,933 | | | | | | | 2.8 | 0.0 | 2,107 | 34 | 34 | 0 | -0.6 | 70.0 | 8.3 | - | | 523 | |
| May 2005 Jun 2005 | 13,739,592 17,351,693 | | 6,518,052 7,803,803 | | | 6,822,412 8,214,883 | 231,600 239,904 | 149,054 151,947 | | | | | | | 0.9 | 0.0 4.9 | 2,107 2,093 | 35 36 | 35 36 | 0 | 4.1 15.4 | 67.7 73.3 | 8.5 8.6 | | | 506 507 | |
| Jul 2005 | 18,839,649 | | 8,166,152 | | | 7,757,701 | 249,964 | 158,882 | | | | | | | 0.0 | 6.1 | 2,110 | 37 | 37 | 0 | 16.0 | 64.5 | 9.3 | | 11,233 | 507 | |
| Aug 2005 | 17,458,775 | | | 30,249,616 | | 7,558,624 | 245,451 | 155,642 | | | | | | | 0.0 | 4.5 | 2,111 | 38 | 38 | 0 | 15.8 | 71.0 | 8.9 | - | | 509 | |
| Sep 2005 Oct 2005 | 14,755,814 13,612,493 | | 7,084,612 6,553,620 | | | 7,374,681 6,868,355 | 280,008 320,937 | 153,375 152,229 | | | | | | | 0.0 1.3 | 1.7 0.2 | 2,121 2,098 | 39 40 | 39 40 | 0 | 13.0 7.2 | 70.0 64.5 | 7.2 7.2 | - | | 510 514 | |
| Nov 2005 | 14,817,652 | | 6,910,069 | | | 7,025,394 | 380,230 | 149,728 | | | | | | | 5.4 | 0.0 | 2,109 | 41 | 41 | 0 | 1.1 | 73.3 | 6.1 | | | 515 | 4 |
| Dec 2005 | 16,564,476 | | 7,437,910 | | | 7,011,795 | 390,672 | 156,298 | 027 | | | | | | 13.5 | 0.0 | 2,097 | 42 | 42 | 0 | -6.5 | 64.5 | 7.2 | 1 | - | 517 | 4 |
| Jan 2006 Feb 2006 | 16,527,360 16,384,624 | | 7,352,899 7,542,777 | | | 6,987,662 7,321,461 | 407,562 384,419 | 155,071 156,294 | 927 1,756 | | | | | | 9.8 13.6 | 0.0 0.0 | 2,092 2,105 | 43 44 | 43 44 | 0 | -2.8 -7.7 | 67.7 71.4 | 7.6 7.9 | | | 519 504 | 2 |
| Mar 2006 | 15,146,885 | | 7,166,823 | 28,307,388 | 14,682,471 | 7,162,165 | 354,233 | 153,057 | 2,678 | | | | | | 8.7 | 0.0 | 2,101 | 45 | 45 | 0 | -5.3 | 74.2 | 7.2 | 67,145 | 11,358 | 517 | |
| Apr 2006 May 2006 | 13,392,116 13,394,431 | | | 25,422,610 25,888,725 | | 6,820,677 7,184,146 | 292,933 237,248 | 150,215 150,833 | 11,652 11,697 | | | | | | 2.6 0.3 | 0.0 0.8 | 2,117 2,104 | 46 47 | 46 47 | 0 | 0.7 7.9 | 63.3 71.0 | 7.0 7.4 | - | | 519 512 | |
| Jun 2006 | 15,419,974 | | | 28,261,902 | | 7,630,593 | 229,557 | 164,514 | 32,163 | | | | | | 0.0 | 2.5 | 2,111 | 48 | 48 | 0 | 12.6 | 73.3 | 7.1 | | | 521 | |
| Jul 2006 | 17,329,321 | | 7,820,058 | | | 8,226,171 | 250,990 | 173,228 | 35,107 | | | | | | 0.0 | 5.4 | 2,119 | 49 | 49 | 0 | 17.4 | 64.5 | 8.4 | | | 520 | |
| Aug 2006 Sep 2006 | 15,932,776 13,457,994 | | 7,335,937 6,438,984 | | | 7,769,925 7,055,393 | 246,501 275,432 | 167,021 158,610 | 160,021 173,722 | | | | | | 0.0 0.1 | 3.3 0.4 | 2,120 2,101 | 50 51 | 50 51 | 0 | 14.6 11.6 | 71.0 66.7 | 9.0 8.0 | - | | 522 519 | 4 |
| Oct 2006 | 13,461,709 | | 6,406,677 | | | 6,993,313 | 327,134 | 162,871 | 77,940 | | | | | | 2.4 | 0.0 | 2,075 | 52 | 52 | 0 | 4.8 | 67.7 | 7.2 | - | | 521 | 2 |
| Nov 2006 | 14,588,324 | | 6,757,402 | | | 7,137,127 | 385,452 | 162,055 | | | | | | | 4.8 | 0.0 | 2,104 | 53 | 53 | 0 | 2.1 | 73.3 | 8.2 | | | 515 | |
| Dec 2006 Jan 2007 | 15,730,618 16,684,010 | | 6,862,288 7,271,139 | | | 6,798,357 6,827,020 | 386,505 411,032 | 161,258 163,099 | 175,754 177,628 | | 624 | 668 | 625 | 613 | 8.1 12.9 | 0.0 | 2,101 | 54 55 | 54 55 | 0 | -2.4 -6.6 | 61.3 71.0 | 5.9 7.1 | 67,017 66,920 | | 516 509 | - |
| Feb 2007 | 17,358,815 | 5,057 | 7,777,090 | 31,917,997 | 15,446,009 | 7,366,222 | 389,657 | 166,716 | 202,210 | | 2,538 | 2,716 | 2,541 | 2,495 | 18.4 | 0.0 | 2,118 | 56 | 56 | 0 | -12.4 | 71.4 | 7.7 | 66,923 | 11,452 | 519 | |
| Mar 2007 Apr 2007 | 15,646,626 13,920,399 | | 7,075,266 6,612,304 | | | 7,070,954 6,946,374 | 353,562 299 516 | 161,555 161,255 | 190,420 95,782 | | 4,881 2,704 | 5,223 2,893 | 4,887 2,707 | 4,798 2,658 | | 0.0 0.0 | 2,114 | 57 58 | 57 58 | 0 | -5.6 0.0 | 71.0 66.7 | 8.5 7.3 | - | | 517 517 | 2 |
| | 13.740.399 | 5,324 | 6,612,304 | 20,013,13/ | 13,024,218 | 0,340,374 | 299,516 | 161,255 | 95,782 | | 2,704 | کره,∠ | ۷,/۱/ | ∠,038 | 4.9 | 0.0 | 2,124 | 58 | 20 | U | U.U | 00.7 | 1.5 | 66,814 | 11,4/U | J I / | 2 |

Exhibit 3

Tab 1

Schedule 1

Appendix A-1

Filed: 2014 Jul 31

Corrected: 2014 Sep 23

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Col. 9 Col. 11 Col. 12 Col. 13 Col. 14 Col. 15 Col. 16 Col. 17 Col. 18 Col. 19 Col. 20 Col. 21 Col. 22 Col. 23 Col. 24 Col. 25 Col. 26 Toronto HDD10 per CDD18 Blackout DewPoint Purchased Energy per day, kWh (by customer class) Cumulative CDM impacts per day, kWh Time Trend **Customer Numbers** Month Population Days Unemployment Dummy Temperature day per day Percent Sector Multi-Unmetered GS<50 kW GS<50 GS 50- GS 1000- Large GS 50-999 GS 1000-4999 GS 50-999 GS 1000-Residenti Street GS<50 kW CSMUR GS<50 kW Residential Unit Large Use Scattered Residential Large Use kW lighting 4999 kW kW 999 kW 4999 kW Large Use Residential Load Jun 200 15,101,998 5,637 7,181,516 29,645,382 15,724,060 236,262 164,442 256,239 13,716 14,678 13,732 13,482 0.0 3.3 2,122 60 60 12.2 70.0 8.1 66,617 11,440 517 Jul 200 15.738.459 5.455 7.148.324 29.111.905 15 078 545 6 903 250 242 518 159.383 259.756 17.195 18 400 17.215 16.901 0.0 3.4 2,135 61 61 14.0 67.7 9.9 66 486 11 497 515 49 /c Aug 2007 16.005.451 5.444 7.364.570 30.348.722 16.059.800 7.856.461 250.774 164,834 307.303 33,019 35.335 33.058 32,456 4.5 2,120 14.5 71.0 66.386 11.537 519 49 /C 8.9 Sep 2007 13.973.958 7.191 6.620.416 27.562.310 14.728.023 7.213.923 279 044 159.347 679.252 154.502 165.338 154 685 151.867 0.0 1.6 2.123 63 11.6 63.3 7.3 66.288 11.556 519 49 /C Oct 2007 13,400,600 11,386 323,853 159,820 270,285 61,723 60,670 2,119 64 64 71.0 7.4 66,199 11,550 518 49 6,356,059 26,392,511 14,399,737 6,750,659 66,052 61,796 0.5 0.6 9.2 /c Nov 2007 14.596.769 16,049 6,726,474 27.928.334 14.431.840 7.071.983 383.672 162,357 290.387 67.472 72,204 67.552 66,321 7.4 0.0 2,132 65 65 -1.4 73.3 7.7 66,143 11.586 519 49 /c Dec 200 16.346.471 17.837 7.019.579 29.503.283 14.144.465 6.992.913 389 185 164.376 609,946 144.507 154.642 144.678 142.043 123 2.113 66 61 3 66,245 11,590 513 49 /c 0.0 66 -5.8 66 Jan 2008 16,669,564 17,859 7,095,017 29,946,486 14,382,654 7,130,668 411,876 163,183 636,864 161,798 171,958 163,186 160,214 12.3 0.0 2,113 67 67 -6.2 71.0 7.1 66,054 11,754 517 49 2.107 68 68 48 Feb 2008 384.450 164.250 679.054 173.988 172.347 69.0 6.1 66.150 16.453.408 19.599 7.295.125 30.869.860 14.650.984 7.251.343 184.850 175.545 15.3 0.0 -9.1 11.863 518 /c Mar 200 15.291.386 18.800 6.860.669 29.057.362 14.257.351 7.114.431 358.313 163.413 635.266 165.821 175.987 167.493 164.442 11.7 0.0 2.101 69 -7.0 64.5 7.2 66.093 11.929 519 48 Apr 2008 13,243,316 20.489 6.146.928 26,471,036 13.747.990 6.945.132 295.774 159,698 322.264 86,356 91.431 87.446 85.853 2.6 0.0 2,120 70 70 0.7 73.3 6.2 66,152 11.977 519 48 /c May 2008 12.678.640 20.846 5.923.553 25.505.844 13.316.295 6.466.081 234.952 157.052 312.572 85.443 90.357 86.630 85.052 0.4 0.1 2,127 71 71 3.9 67.7 7.7 66.094 12.016 520 49 /C Jun 2008 14,409,839 22.447 6.595.168 28.545.550 14,955,788 7,167,881 232,922 161,925 793.880 222,226 234.691 225.633 221,523 0.0 2.4 2,130 72 72 13.6 70.0 8.3 66,311 12.066 520 49 /C Jul 2008 15,462,403 24 309 7 164 768 30 378 382 15 306 224 7 438 916 248 421 162,898 882 749 288 428 300 367 296 644 291 241 0.0 3.6 2,120 73 73 14.8 71.0 9.5 66 286 12.063 517 49 /C Aug 2008 14.082.610 26.431 6.687.887 28.913.554 14.413.111 6.932.271 239.612 156.724 851.235 288.835 300.938 297.256 291.841 0.0 2.1 2,131 74 74 13.6 64.5 8.7 66.226 12.077 518 49 /c Sep 2008 13,529,615 30,208 6.246.406 27,439,128 14,527,535 6,841,760 286.630 161,934 655,521 302,674 315,256 311,745 306,066 0.9 2,137 75 75 12.1 70.0 7.6 66,293 12,105 517 48 /c 0.0 Oct 2008 13.145.460 30.479 5.858.959 26.059.808 13.664.718 6.347.112 329 428 161.317 258.222 120.076 125.040 123.702 121.448 2.0 0.0 2.130 76 76 3.4 71.0 7.4 65.867 12.095 516 48 /C 162,065 261,847 126,838 2,117 77 77 66.7 7.5 66,084 517 47 Nov 2008 14,644,232 36,762 6,247,070 27,824,677 13,805,773 6,615,530 386,520 125,355 130,487 129,191 7.3 0.0 -1.2 12,128 /C Dec 2008 16,217,250 6,657,605 13,439,250 6,314,492 159.641 508.995 262,631 260,103 255.365 2,126 78 -7.5 67.7 65.917 12,156 47 /c 40,079 29,255,089 380.803 252,340 13.1 0.0 78 6.9 515 Jan 2009 17.300.972 47.093 7.197.666 31.567.985 14.134.927 6.660.268 417.231 166,009 509.611 7 253.823 264.186 262.099 258.101 18.8 0.0 2.123 79 -12.9 67.7 8.5 65.700 12.147 516 47 /c Feb 200 16.285.192 6.856.980 29.978.150 13.842.699 6.741.551 382.752 169.699 571.414 38 287.017 298.569 297.407 293,710 13.7 0.0 2.127 -8.5 67.9 66.133 12.181 /c Mar 200 14.742.877 58.251 6.503.113 28.464.818 13.584.424 6.441.460 356.765 163.022 518.204 45 261.505 272.011 271.520 268,905 9.2 0.0 2,129 81 81 -6.471.0 9.4 66.140 12.189 514 47 /c Apr 2009 13.165.363 61.010 6.052.581 26.432.699 12.933.325 6.329.454 303.012 163.555 260.797 33 132.484 138.508 140.928 147.994 3.2 0.0 2.148 82 82 -1.4 70.0 8.8 65.846 12.163 514 47 /c /c May 2009 12,239,211 62,408 5.710.301 25,225,040 12.784.356 6.065.662 236,904 158.517 254.837 43 130.442 136.488 139.815 148.921 0.4 0.2 2,141 83 83 4.6 64.5 10.7 65.798 12.208 515 47 Jun 2009 12,903,963 65.752 6.024.651 27.257.236 13.841.597 6.814.042 235.165 164.224 648.795 124 333.878 349.144 357.892 380.271 2,139 11.1 73.3 11.2 66.074 12.231 515 /c 0.0 1.1 Jul 200 13,379,178 68,047 6.047.049 27,331,152 13,621,667 6,922,781 242.648 158,771 712,191 446 389,360 404.160 423,901 448.807 0.0 1.4 2,133 85 85 13.4 67.7 12.6 65,854 12,287 511 47 /c Aug 2009 14,852,364 69,259 6,495,327 29,687,323 251 837 163,149 714,850 486 397,254 412,789 435.067 464,430 2.9 2,137 86 86 15.5 64.5 11.6 66,047 12,295 510 47 14.701.541 6.934.078 0.0 /c Sep 2009 13,136,764 77,294 5,836,542 27,174,473 13,903,642 6,738,894 285,097 152,004 712,538 519 413,824 430,428 455,307 490,361 0.0 0.7 2,127 87 87 12.0 70.0 9.8 66,100 12,337 510 47 /C 12.823.064 5.684.484 183.769 67.7 9.2 47 /c Oct 2009 76.716 26.464.192 13.255.226 6.427.301 333.095 154.586 282.938 213 164.862 171.987 203.727 2.0 0.0 2.154 4.5 65.873 12.316 506 Nov 2009 13,689,071 2,139 89 502 47 81,510 5,774,387 26,864,610 13,274,262 6,269,816 388,982 155,243 292,888 226 171,515 179,101 192,120 215,110 4.1 0.0 89 2.8 70.0 10.1 65,835 12,384 /C Dec 2009 16.187.121 83.881 6.227.282 29.439.553 13.407.655 6.174.495 391.443 156.359 601.979 518 357.121 368.274 384.218 386.542 0.0 2.139 90 90 -5.9 67.7 8.9 65.883 12.444 509 47 /c 12.4 Jan 201 16,941,195 97,086 6,523,613 30,750,763 13,765,588 418,962 161,385 666,086 823 456,263 467,471 483,577 484,674 15.2 0.0 2,141 91 90 -8.4 64.5 9.8 65,607 12,597 507 47 /c Feb 201 16.131.153 112 485 6 498 495 30 698 825 13 774 106 6 410 897 386 994 160.271 741.876 935 513.718 526 186 544 197 545 898 134 0.0 2.138 92 90 -7.2 67.9 9.2 66.056 12.574 511 47 Mar 201 13.739.555 110.463 5.875.491 27,952,914 13.258.332 6.161.068 357.966 157,363 676.102 877 474.888 486.204 502.634 504.551 5.7 0.0 2,137 -3.4 74.2 9.3 66.156 12.703 510 /C Apr 201 11,973,500 122.925 5.429.502 26,140,673 12,711,121 5,772,168 301.056 151,092 331.303 449 241,073 249.551 266.250 297.534 1.0 0.0 2,127 94 90 0.8 70.0 10.1 65.995 12.826 510 47 /c May 2010 13,044,368 127,283 5,647,299 27,413,456 6.281.519 245.168 148,588 321,071 439 234,846 243.213 259.859 291,845 1.5 2,153 95 90 8.6 64.5 11.6 65,681 12.829 511 47 /c 13,486,627 0.6 Jun 2010 14,546,454 142.363 5.883.774 28.632.970 14.142.478 6.493.122 236.789 146.396 834.659 1.219 630.660 650.612 689.036 755.990 0.0 2.0 2,145 96 90 13.9 73.3 10.3 65.799 12.873 509 47 /c 17,981,751 146,894 810,996 2,162 Jul 201 147,577 6,717,359 32,483,969 15,238,781 6,870,026 251,509 1,182 621,475 640,680 678,837 746,913 0.0 5.3 17.4 67.7 10.2 66,029 12,906 509 /c 145,629 768,694 2,161 507 46 Aug 201 16,315,276 155,337 6,348,438 31,361,847 15,077,201 6,774,897 250,633 714,533 1,231 638,477 658,326 697.456 0.0 4.5 17.1 67.7 12.0 65,895 12,916 /C 12,947,969 5,528,908 139,740 1,393 838,321 2,158 99 90 12.1 70.0 65,794 506 46 Sep 201 170 469 27.573.207 13.748.095 6.180.963 287.534 755.723 699,444 720.401 761 840 0.0 1.1 9.9 12 978 /c Oct 201 12,196,636 168,412 5,254,202 26,339,874 13,058,065 5,815,124 333,276 141,068 292,300 559 279,066 288,243 307,321 347,195 1.2 0.0 2,172 100 90 5.4 64.5 9.4 66,041 12,980 505 46 /C 46 13.777.580 2.165 101 73.3 65.976 504 /c Nov 201 178.264 5.643.836 27.907.596 13.340.516 6.151.361 388.390 140.793 305.366 608 298.430 308.081 328.297 371.114 5.6 0.0 90 0.4 9.2 13.021 2,148 90 500 50 Dec 201 16,281,834 177,287 6,150,643 30,378,506 13,115,897 6,473,654 392,178 139,025 613,265 1,248 610,129 621,932 639,821 644.491 13.8 0.0 102 67.7 66,167 13,168 16 873 592 1.282 17.0 0.0 2.148 103 90 -10.2 64.5 9.4 498 50 /C Ian 2011 180.664 6 318 722 31 481 376 13 495 704 6 582 885 418 421 129 836 614 993 612 989 627.879 642 196 645 102 65 996 13.266 50 Feb 201 16,318,099 203,759 6,324,237 31,435,334 13,664,520 6,646,141 388,767 127,365 682,532 1,452 681,368 700,749 713,164 714,501 15.4 0.0 2,142 90 -9.1 67.9 8.3 65,942 13,314 498 /C Mar 201 14.771.061 187.883 6.043.673 29.569.851 13 379 690 6 590 803 360.148 125.860 623.153 1 444 626.366 656.018 654 640 652.830 10.5 0.0 2.143 105 -5.2 74 2 9.6 65.945 13.246 501 50 /c Apr 2011 12,811,902 204.927 5.587.526 27.199.963 12.571.894 6.432.442 303.774 125,469 313.982 783 317.617 340.868 342.031 368.099 0.0 2,131 0.9 66.7 9.1 65.856 12.938 503 50 /C 3.6 May 2013 11.895.530 215.125 5.264.116 26.620.896 12.588.790 6.625.894 242.522 118.094 307.708 834 313.687 342.910 335.847 356.133 0.2 0.4 2.129 107 90 9.3 67.7 10.0 66.224 12.795 503 50 /c Jun 2011 13,741,919 232.105 28,723,931 234.769 117,692 795,282 2,416 820.217 920.400 868.430 894,273 1.7 2,139 108 90 12.5 73.3 9.5 66,681 12,845 503 50 5,756,019 13,605,722 7.006.471 0.0 /C Jul 201 18,235,995 230.700 6,653,288 32.459.985 14.469.914 7.291.672 253.286 127.864 787.734 2.578 814.109 932.230 857.430 871,429 0.0 6.4 2,148 109 90 15.8 64.5 10.4 66.723 12.824 503 50 /c Aug 2011 2,167 50 15.313.586 242.693 6.386.418 31.113.790 14.109.498 7.054.425 246.519 118.097 786.589 2.644 819.231 943.072 859.915 865.144 0.0 3.9 110 15.2 71.0 10.1 66.900 12.824 499 /c 2,160 498 51 Sep 201 12,625,834 258,712 5,673,323 28,408,130 13,312,957 6,773,635 285,201 115,240 816,341 2,833 854,786 991,498 893,886 889,806 0.0 1.3 13.0 70.0 8.5 67,017 12,791 /c 325.502 2.149 90 64.5 8.7 495 Oct 2013 12.365.597 260.259 5.407.198 26.765.559 12.653.562 6.368.251 334.303 116.146 1.186 342.873 357.690 353.641 0.1 112 6.7 67.050 12.701 51 /c 403.020 1.6 2,168 73.3 51 Nov 201 13.540.248 273.587 5.766.400 27.734.022 12.812.032 5.646.380 390.581 117.427 346.037 1.417 370.174 449.755 384.016 373.276 3.9 0.0 113 90 2.4 8.7 67.175 12.562 496 /c 15.208.533 5.969.677 29.087.341 12.676.968 5.378.275 119.781 724.116 1.006.067 2.160 12.587 Dec 201 273.074 402,229 3.440 791.868 816.458 777.094 9.2 0.0 114 90 -2.764.5 8.1 67.261 498 52 /c Jan 201 15.852.595 279.102 6.308.737 29.730.354 13.188.149 6.454.959 121.978 722.584 3.474 795.112 1.014.062 817.541 777.349 11.7 0.0 2.163 -5.4 67.7 10.3 67.460 12.357 52 /C Feb 201 14,796,840 307,931 6,135,297 29,567,120 13.189.416 6.532.245 391.701 115,971 773.830 3,752 852,475 1,091,825 874.043 830.177 10.3 0.0 2,165 116 90 -47 69 N 87 67.536 12,195 498 51 /C Mar 2012 12,965,994 5.824.849 6.402.811 117,866 728,571 3,631 808.457 1,049,043 777,170 4.7 2,161 117 90 0.5 71.0 8.6 67,538 12,125 498 /C 295.662 27.514.501 12.798.513 360.155 821.058 0.0 51 Apr 2012 12,399,845 311,401 5,638,895 26,182,488 12,099,009 6,315,660 315,028 117,376 363,684 1,836 405,770 529,352 410,613 388,889 3.4 0.0 2,160 118 90 -1.3 66.7 9.9 67,538 12,037 497 52 /c 0 12,157,397 398,182 376,144 2,168 119 67,506 497 52 /c May 2012 304.440 5.595.238 26.862.233 13.867.064 6.508.090 238.309 113.581 353.381 1.818 396.089 521.363 0.0 1.2 90 8.7 71.0 10.5 12.116

Jun 2012

15,317,112

318,782

6,164,748 29,007,293

14,527,363 6,739,775

236,599

898,476

112,514

4,697

1,010,064

1,339,796

1,009,678

951,262

0.0

3.4

2,164

120

90

13.1

70.0

10.0

67,401

12,129

496

Schedule 1
Appendix A-1
Filed: 2014 Jul 31
Corrected: 2014 Sep 23

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| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 | Col. 20 | Col. 21 | Col. 22 | Col. 23 | Col. 24 | Col. 25 | Col. 26 | Col. 27 | Col. 28 |
|---|---------------|--|------------------------|--------------------------|--------------------------|------------------------|--------------------|--------------------------------|--------------------|------------------|------------------------|------------------------|------------------------|--------------------|------------------|------------------|---------------------------------|-----------------|----------------------------|-------------------|-------------------------|-----------------------------|---------------------------------|------------------|----------------------|---------------------|--------------------------------|
| Month 2 | | | Purchased Ene | ergy per day, k\ | Wh (by custom | er class) | | | | Cumu | ative CDM im | ipacts per day | , kWh | | HDD10 per day | CDD18 per day | Toronto Population ('000) | Time | e Trend | Blackout Dummy | DewPoint Temperature | Business Days Percent | Toronto Unemployment Rate | | Customer N | Numbers | |
| 3 | Residential | Competitive Sector Multi- Unit Residential (CSMUR) | GS<50 kW | GS 50-999 kW | GS 1000-4999 kW | Large Use | Street lighting | Unmetered Scattered Load | Residential | CSMUR | GS<50 kW | GS 50-999 kW | GS 1000- 4999 kW | Large Use | | | | Residenti al | GS<50 kW & Large Use | | | | | GS<50 kW | GS 50- G 999 kW 4 | GS 1000- 4999 kW | Large Use |
| 124 Jul 20 | | 312,904 | 7,036,091 | 32,240,688 | | 7,152,922 | 251,219 | 120,795 | 866,923 | 4,587 | 978,822 | 1,303,315 | 975,292 | 917,707 | 0.0 | 6.4 | 2,173 | 121 | 90 | 0 | 15.5 | 67.7 | 11.0 | 67,410 | | 496 | 52 / |
| 125 Aug 20 126 Sep 20 | | 321,617 337,616 | 6,310,141 5,770,193 | 29,992,809 27,148,548 | 14,755,846 13,684,971 | 7,129,583 6,711,022 | 250,899 287,762 | 115,291 116,419 | 859,733 881,633 | 4,629 4,831 | 967,394 884,582 | 1,298,007 1,232,903 | 961,551 875,649 | 903,142 816,233 | 0.0 0.0 | 3.6 1.2 | 2,163 2,164 | 122 123 | 90 90 | 0 | 15.2 10.7 | 71.0 63.3 | 11.0 9.6 | 67,513 67,661 | | 495 495 | 52 / 0 |
| 127 Oct 20 | | | 5,432,890 | 25,916,412 | | 6,545,512 | 334,221 | 113,648 | 348,730 | 1,933 | 351,293 | 492,509 | 346,060 | 322,038 | 1.6 | 0.0 | 2,152 | 124 | 90 | 0 | 6.5 | 71.0 | 9.2 | 67,903 | 12,184 | 494 | 52 / |
| 128 Nov 20 129 Dec 20 | | | 5,981,463 6,068,480 | 27,336,966 27,925,831 | | 6,411,528 6,145,359 | 387,559 390,271 | 118,414 115,694 | 361,786 738,560 | 2,040 4,406 | 364,125 756,234 | 515,914 1,103,805 | 356,018 720,003 | 330,187 659,984 | 6.6 8.4 | 0.0 0.0 | 2,150 2,151 | 125 126 | 90 90 | 0 | -1.4 -2.7 | 73.3 61.3 | 8.5 8.4 | 67,986 67,970 | | 497 504 | 52 / 0 |
| 130 Jan 20 | | 355,072 400,317 | 6,455,242 | 29,450,570 | 13,845,080 | | 417,003 | 117,907 | 740,284 | 4,447 | 760,754 | 1,115,995 | 721,821 | 660,495 | 12.1 | 0.0 | 2,155 | 127 | 90 | 0 | -6.0 7.7 | 67.7 | 9.3 | 67,994 | | 508 | 53 / |
| 131 Feb 20 132 Mar 20 | | 400,317 376,762 | 6,534,872 6,044,355 | 30,318,012 27,724,888 | 13,939,909 13,685,711 | 6,423,217 6,501,719 | 388,411 366,105 | 116,638 118,591 | 822,527 744,906 | 4,984 4,542 | 849,973 772,636 | 1,254,761 1,145,795 | 803,034 727,748 | 733,152 663,334 | 14.6 9.9 | 0.0 0.0 | 2,145 2,143 | 128 129 | 90 90 | 0 | -7.7 -5.2 | 67.9 67.7 | 8.8 8.5 | 68,018 68,091 | 12,262 12,206 | 507 510 | 53 / 6 |
| 133 Apr 20 | | | 5,719,453 | | | 6,119,102 | 309,020 | 115,816 | 372,922 | 2,295 | 388,957 | 580,744 | 364,813 | 332,292 | 4.5 | 0.0 | 2,157 | 130 | 90 | 0 | 0.1 | 66.7 | 8.6 | 68,106 | | 511 | 53 / |
| 134 May 20 135 Jun 20 | | | 5,872,475 5,866,940 | 25,655,935 27,810,722 | 13,246,757 14,505,532 | 6,334,762 6,132,620 | 254,699 228,110 | 120,029 111,195 | 362,263 922,656 | 2,250 5,792 | 379,932 973,985 | 570,892 1,474,596 | 354,788 904,666 | 322,436 819,547 | 0.5 0.0 | 0.7 2.0 | 2,144 2,157 | 131 132 | 90 90 | 0 | 7.6 12.9 | 71.0 70.0 | 8.7 8.5 | 68,117 68,312 | 12,074 11,885 | 512 516 | 53 / 0 52 / 0 |
| 136 Jul 20 | .3 16,308,383 | 398,051 | 6,824,582 | 30,593,698 | 14,936,165 | 6,613,001 | 252,451 | 122,934 | 902,849 | 5,678 | 951,175 | 1,451,425 | 877,631 | 792,593 | 0.0 | 4.4 | 2,154 | 133 | 90 | 0 | 16.1 | 67.7 | 9.1 | 68,405 | 11,924 | 516 | 51 / |
| 137 Aug 20 138 Sep 20 | | 404,870 423,555 | 6,334,413 5,782,171 | 28,853,754 26,690,786 | | 6,504,285 6,388,175 | 251,148 290,795 | 113,767 115,054 | 899,090 930,121 | 5,751 6,015 | 960,169 1,000,975 | 1,474,629 1,546,184 | 882,350 916,174 | 794,995 823,665 | 0.0 0.0 | 3.0 0.9 | 2,145 2,148 | 134 135 | 90 90 | 0 | 14.2 11.1 | 71.0 63.3 | 8.2 8.7 | 68,481 68,566 | 11,913 11,923 | 517 517 | 51 / 51 / |
| 139 Oct 20 | .3 12,041,133 | 413,172 | 5,545,162 | 25,803,765 | 13,726,575 | 6,299,234 | 334,672 | 113,456 | 368,811 | 2,410 | 399,573 | 621,692 | 363,829 | 326,332 | 1.6 | 0.0 | 2,146 | 136 | 90 | 0 | 6.5 | 71.0 | 9.4 | 68,661 | 11,890 | 519 | 51 / |
| 140 Nov 20 141 Dec 20 | | | 6,171,788 6,449,029 | 27,526,659 28,838,788 | | 6,319,825 6,162,732 | 392,315 395,982 | 116,957 120,490 | 385,862 779,626 | 2,584 5,305 | 424,513 866,637 | 671,371 1,384,575 | 381,818 773,114 | 340,102 683,688 | 8.1 14.2 | 0.0 0.0 | 2,166 2,167 | 137 138 | 90 90 | 0 | -2.6 -7.7 | 73.3 61.3 | 8.5 9.1 | 68,692 68,702 | 11,904 11,914 | 521 521 | 51 / 51 / |
| 142 Jan 20 | | 417,004 | 0,445,025 | 20,030,700 | 13,403,003 | 0,102,732 | 333,302 | 120,430 | 776,152 | 5,330 | 869,677 | 1,393,746 | 774,001 | 683,612 | 14.6 | 0.0 | 2,168 | 139 | 90 | 0 | -8.2 | 71.0 | 9.0 | 68,728 | - | 520 | 51 / |
| 143 Feb 20 144 Mar 20 | | | | | | | | | 860,893 781,677 | 5,952 5,480 | 968,766 885,985 | 1,556,795 1,431,954 | 860,585 784,065 | 759,236 690,111 | 14.2 9.0 | 0.0 | 2,169 2,170 | 140 141 | 90 90 | 0 | -8.2 -4.6 | 67.9 67.7 | 9.0 8.9 | 68,683 68,753 | 11,913 11,913 | 516 516 | 52 / 0 |
| 145 Apr 20 | | | | | | | | | 390,647 | 2,772 | 445,771 | 723,856 | 393,475 | 346,645 | 3.2 | 0.0 | 2,171 | 142 | 90 | 0 | 0.0 | 66.7 | 8.9 | 68,799 | 11,913 | 439 | 48 / |
| 146 May 20 | | | | | | | | | 379,809 | 2,732 | 436,515 | 712,655 | 383,929 | 337,475 | 0.4 | 0.6 | 2,172 | 143 | 90 | 0 | 6.8 | 67.7 | 8.9 | 68,845 | | 439 | 48 / 0 |
| 147 Jun 20 148 Jul 20 | | | | | | | | | 967,925 927,722 | 7,069 6,910 | 1,121,813 1,091,044 | 1,842,916 1,804,515 | 982,565 949,771 | 860,892 829,592 | 0.0 0.0 | 2.4 4.5 | 2,173 2,174 | 144 145 | 90 90 | 0 | 12.8 15.6 | 70.0 71.0 | 8.8 8.8 | 68,891 68,937 | 11,957 11,944 | 439 439 | 48 / 0 |
| 149 Aug 20 | | | | | | | | | 921,392 | 6,973 | 1,098,175 | 1,821,820 | 954,457 | 832,681 | 0.0 | 3.4 | 2,175 | 146 | 90 | 0 | 15.0 | 64.5 | 8.7 | 68,983 | | 439 | 48 / |
| 150 Sep 20 151 Oct 20 | | | | | | | | | 951,417 377,122 | 7,277 2,916 | 1,142,722 455,625 | 1,901,760 761,564 | 991,131 394,066 | 863,497 342,873 | 0.0 1.5 | 1.1 0.1 | 2,176 2,177 | 147 148 | 90 90 | 0 | 12.0 6.0 | 70.0 71.0 | 8.7 8.6 | 69,029 69,040 | 11,920 11,935 | 440 440 | 48 / 0 |
| 152 Nov 20 | .4 | | | | | | | | 394,344 | 3,119 | 481,949 | 813,072 | 414,232 | 358,910 | 5.8 | 0.0 | 2,177 | 149 | 90 | 0 | 0.3 | 66.7 | 8.6 | 69,052 | 11,950 | 440 | 48 / |
| 153 Dec 20 154 Jan 20 | | | | | | | | | 805,213 793,193 | 6,589 6,532 | 1,002,127 990,155 | 1,713,495 1,708,119 | 852,930 838,636 | 732,323 717,286 | 11.8 14.6 | 0.0 | 2,178 2,179 | 150 151 | 90 | 0 | -5.4 -8.2 | 67.7 67.7 | 8.5 8.4 | 69,063 69,074 | | 440 440 | 48 / |
| 155 Feb 20 | .5 | | | | | | | | 878,667 | 7,282 | 1,100,930 | 1,904,184 | 930,857 | 795,183 | 14.2 | 0.0 | 2,180 | 152 | 90 | 0 | -8.2 | 67.9 | 8.3 | 69,085 | 11,995 | 440 | 48 / |
| 156 Mar 20157 Apr 20 | | | | | | | | | 796,043 397,648 | 6,680 3,370 | 1,003,772 503,747 | 1,745,376 879,959 | 846,138 423,737 | 721,082 361,391 | 9.0 3.2 | 0.0 0.0 | 2,181 2,182 | 153 154 | 90 90 | 0 | -4.6 0.0 | 71.0 66.7 | 8.2 8.2 | 69,097 69,108 | 12,010 12,024 | 440 440 | 48 / 0 49 / 0 |
| 158 May 20 | | | | | | | | | 386,147 | 3,313 | 492,319 | 864,074 | 413,017 | 351,485 | 0.4 | 0.6 | 2,183 | 155 | 90 | 0 | 6.8 | 64.5 | 8.2 | 69,119 | | 440 | 49 / |
| 159 Jun 20 160 Jul 20 | | | | | | | | | 979,731 940,323 | 8,524 8,339 | 1,257,833 | 2,223,576 | 1,051,402 1,008,957 | 891,372 851,627 | 0.0 | 2.4 4.5 | 2,184 2,185 | 156 157 | 90 90 | 0 | 12.8 15.6 | 73.3 71.0 | 8.1 8.1 | 69,131 69,142 | 12,054 12,069 | 440 441 | 49 / 0 |
| 161 Aug 20 | | | | | | | | | 926,548 | 8,395 | 1,216,027 1,220,618 | 2,168,039 2,183,602 | 1,008,957 | 852,117 | 0.0 | 3.4 | 2,185 | 157 | 90 | 0 | 15.0 | 64.5 | 8.1 | 69,142 | , | 441 | 49 / |
| 162 Sep 20 | | | | | | | | | 895,923 | 8,718 | 1,263,383 | 2,270,731 | 1,043,868 | 877,788 | 0.0 | 1.1 | 2,187 | 159 | 90 | 0 | 12.0 | 70.0 | 8.0 | 69,164 | | 441 | 49 / |
| 163 Oct 20 164 Nov 20 | | | | | | | | | 354,917 369,200 | 3,486 3,707 | 502,780 529,249 | 907,289 963,788 | 414,523 434,279 | 348,109 363,099 | 1.5 5.8 | 0.1 0.0 | 2,187 2,188 | 160 161 | 90 90 | 0 | 6.0 0.3 | 67.7 70.0 | 8.0 8.0 | 69,176 69,187 | | 441 441 | 49 / 0 |
| 165 Dec 20 | | | | | | | | | 751,264 | 7,783 | 1,095,001 | 2,018,406 | 892,296 | 739,460 | 11.8 | 0.0 | 2,189 | 162 | 90 | 0 | -5.4 | 67.7 | 7.9 | 69,198 | | 441 | 49 / |
| 166 Jan 20 167 Feb 20 | | | | | | | | | 749,217 803,362 | 7,830 8,434 | 1,079,896 1,159,567 | 2,010,940 2,164,190 | 874,903 937,561 | 721,206 771,777 | 14.6 14.2 | 0.0 0.0 | 2,190 2,191 | 163 164 | 90 90 | 0 | -8.2 -8.2 | 64.5 69.0 | 7.9 7.9 | 69,210 69,221 | | 441 441 | 49 / 0 |
| 168 Mar 20 | | | | | | | | | 756,236 | 8,009 | 1,096,968 | 2,055,483 | 883,644 | 725,522 | 9.0 | 0.0 | 2,192 | 165 | 90 | 0 | -4.6 | 67.7 | 7.9 | 69,232 | | 441 | 49 / |
| 169 Apr 20 170 May 20 | | | | | | | | | 378,343 368,257 | 4,040 3,967 | 551,413 539,961 | 1,036,672 1,018,363 | 443,123 432,520 | 364,261 354,804 | 3.2 0.4 | 0.0 0.6 | 2,193 2,194 | 166 167 | 90 90 | 0 | 0.0 6.8 | 70.0 67.7 | 7.9 7.9 | 69,243 69,255 | 12,203 12,218 | 441 442 | 49 / 0 |
| 171 Jun 20 | .6 | | | | | | | | 939,729 | 10,222 | 1,381,744 | 2,620,754 | 1,101,427 | 899,670 | 0.0 | 2.4 | 2,195 | 168 | 90 | 0 | 12.8 | 73.3 | 7.9 | 69,266 | 12,233 | 442 | 49 / |
| 172 Jul 20 173 Aug 20 | | | | | | | | | 906,906 900,270 | 10,021 10,103 | 1,342,376 1,347,448 | 2,560,903 2,578,531 | 1,063,527 1,065,198 | 865,303 865,128 | 0.0 0.0 | 4.5 3.4 | 2,196 2,197 | 169 170 | 90 90 | 0 | 15.6 15.0 | 64.5 71.0 | 7.8 7.8 | 69,277 69,289 | 12,248 12,263 | 442 442 | 49 / 0 |
| 174 Sep 20 | .6 | | | | | | | | 922,963 | 10,530 | 1,394,570 | 2,680,678 | 1,003,138 | 890,116 | 0.0 | 1.1 | 2,198 | 171 | 90 | 0 | 12.0 | 70.0 | 7.8 | 69,300 | 12,278 | 442 | 49 / |
| 175 Oct 20 176 Nov 20 | | | | | | | | | 366,303 383,750 | 4,207 4,469 | 555,681 586,573 | 1,071,143 1,137,788 | 436,696 458,159 | 353,346 369,057 | 1.5 5.8 | 0.1 0.0 | 2,198 2,199 | 172 173 | 90 90 | 0 | 6.0 0.3 | 64.5 73.3 | 7.8 7.7 | 69,311 69,323 | 12,293 12,308 | 442 442 | 49 / 0 |
| 177 Dec 20 | | | | | | | | | 786,091 | 9,340 | 1,219,849 | 2,384,567 | 943,719 | 752,441 | 11.8 | 0.0 | 2,200 | 173 | 90 | 0 | -5.4 | 64.5 | 7.7 | 69,334 | | 442 | 49 |
| 178 Jan 20 179 Feb 20 | | | | | | | | | 786,664 | 9,399 | 1,218,100 | 2,391,907 | 939,324 | 746,724 | 14.6 | 0.0 | 2,201 | 175 | 90 | 0 | -8.2 | 67.7 67.0 | 7.7 | 69,345 | | 442 | 49 / |
| 179 Feb 20 180 Mar 20 | | | | | | | | | 873,375 794,319 | 10,481 9,600 | | 2,666,202 2,445,174 | 1,042,894 950,770 | 827,816 752,950 | 14.2 9.0 | 0.0 0.0 | 2,202 2,203 | 176 177 | 90 90 | 0 | -8.2 -4.6 | 67.9 74.2 | 7.6 7.6 | 69,356 69,368 | | 442 442 | 49 / 0 |
| 181 Apr 20 | | | | | | | | | 397,775 | 4,837 | 622,892 | 1,233,075 | 476,947 | 378,479 | 3.2 | 0.0 | 2,204 | 178 | 90 | 0 | 0.0 | 60.0 | 7.6 | 69,379 | | 443 | 49 / |
| 182 May 20 183 Jun 20 | | | | | | | | | 387,250 988,883 | 4,743 12,204 | 609,726 1,566,044 | 1,210,612 3,120,420 | 465,445 1,191,033 | 368,498 939,411 | 0.4 0.0 | 0.6 2.4 | 2,205 2,206 | 179 180 | 90 90 | 0 | 6.8 12.8 | 71.0 73.3 | 7.6 7.6 | 69,390 69,402 | 12,397 12,412 | 443 443 | 50 / 0 |
| 184 Jul 20 | | | | | | | | | 954,884 | | | 3,027,493 | | 880,477 | 0.0 | 4.5 | 2,207 | 181 | 90 | 0 | 15.6 | 64.5 | 7.5 | | 12,427 | 443 | 50 / |

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| ı | Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 | Col. 20 | Col. 21 | Col. 22 | Col. 23 | Col. 24 | Col. 25 | Col. 26 | Col. 27 | Col. 28 |
|-----|----------|-------------|--|--------------|-----------------|--------------------|-----------|--------------------|--------------------------------|-------------|---------|--------------|-----------------|---------------------|-----------|------------------|------------------|---------------------------------|----------------------|-------------------------------|-------------------|-------------------------|-----------------------------|---------------------------------|-------------|----------------------|---------|--------------|
| 2 | Month | | | Purchased En | ergy per day, l | kWh (by custome | er class) | | | | Cumu | ative CDM in | npacts per da | y, kWh | | HDD10 per day | CDD18 per day | Toronto Population ('000) | Tin | me Trend | Blackout Dummy | DewPoint Temperature | Business Days Percent | Toronto Unemployment Rate | | Customer N | Numbers | |
| 3 | | Residential | Competitive Sector Multi- Unit Residential (CSMUR) | GS<50 kW | GS 50-999 kW | GS 1000-4999 kW | Large Use | Street lighting | Unmetered Scattered Load | Residential | CSMUR | GS<50 kW | GS 50-999 kW | GS 1000- 4999 kW | Large Use | | | | Residen ^a | GS<50 kW ti & Large Use | | | | | GS<50 kW | GS 50- G 999 kW 4 | | Large Use |
| 185 | Aug 2017 | | (, | | | | | | | 947,984 | 12,003 | 1,507,344 | 3.049.402 | 1,130,435 | 881,475 | 0.0 | 3.4 | 2,208 | 182 | 90 | 0 | 15.0 | 71.0 | 7.5 | 69,424 | 12,442 | 443 | 50 /c |
| 186 | Sep 2017 | | | | | | | | | 974,868 | 12,506 | 1,566,377 | 3,172,908 | | 912,321 | | 1.1 | 2,208 | 183 | 90 | 0 | 12.0 | 66.7 | 7.5 | 69,435 | 12,457 | 443 | 50 /C |
| 187 | Oct 2017 | | | | | | | | | 387,006 | 4,992 | 624,585 | 1,268,007 | 466,333 | 362,650 | 1.5 | 0.1 | 2,209 | 184 | 90 | 0 | 6.0 | 67.7 | 7.5 | 69,447 | 12,472 | 443 | 50 /C |
| 188 | Nov 2017 | | | | | | | | | 405,816 | 5,292 | 661,584 | 1,348,625 | 491,612 | 380,866 | 5.8 | 0.0 | 2,210 | 185 | 90 | 0 | 0.3 | 73.3 | 7.5 | 69,458 | 12,487 | 443 | 50 /C |
| 189 | Dec 2017 | | | | | | | | | 830,225 | 11,016 | 1,376,158 | 2,823,612 | 1,014,118 | 777,125 | 11.8 | 0.0 | 2,211 | 186 | 90 | 0 | -5.4 | 61.3 | 7.5 | 69,469 | 12,502 | 443 | 50 /C |
| 190 | Jan 2018 | | | | | | | | | 831,843 | 11,075 | 1,373,828 | 2,829,595 | 1,009,639 | 771,467 | 14.6 | 0.0 | 2,212 | 187 | 90 | 0 | -8.2 | 71.0 | 7.5 | 69,481 | 12,517 | 443 | 50 /C |
| 191 | Feb 2018 | | | | | | | | | 924,501 | 12,338 | 1,526,840 | 3,149,021 | 1,120,834 | 855,496 | 14.2 | 0.0 | 2,213 | 188 | 90 | 0 | -8.2 | 67.9 | 7.5 | 69,492 | 12,532 | 444 | 50 /C |
| 192 | Mar 2018 | | | | | | | | | 841,749 | 11,288 | 1,392,665 | 2,878,788 | 1,020,855 | 777,900 | 9.0 | 0.0 | 2,214 | 189 | 90 | 0 | -4.6 | 67.7 | 7.5 | 69,503 | 12,546 | 444 | 50 /C |
| 193 | Apr 2018 | | | | | | | | | 422,130 | 5,683 | 699,274 | 1,448,668 | 512,350 | 391,673 | 3.2 | 0.0 | 2,215 | 190 | 90 | 0 | 0.0 | 66.7 | 7.5 | 69,514 | 12,561 | 444 | 50 /C |
| 194 | May 2018 | | | | | | | | | 411,610 | 5,567 | 683,027 | 1,418,149 | 499,836 | 381,501 | 0.4 | 0.6 | 2,216 | 191 | 90 | 0 | 6.8 | 71.0 | 7.5 | 69,526 | 12,576 | 444 | 50 /C |
| 195 | Jun 2018 | | | | | | | | | 1,052,615 | 14,312 | 1,748,198 | 3,641,761 | 1,277,212 | 971,695 | 0.0 | 2.4 | 2,217 | 192 | 90 | 0 | 12.8 | 70.0 | 7.5 | 69,537 | 12,591 | 444 | 50 /C |
| 196 | Jul 2018 | | | | | | | | | 1,032,680 | 14,001 | 1,691,661 | 3,546,551 | 1,230,352 | 931,453 | 0.0 | 4.5 | 2,218 | 193 | 90 | 0 | 15.6 | 67.7 | 7.5 | 69,548 | 12,606 | 444 | 50 /C |
| 197 | Aug 2018 | | | | | | | | | 1,027,677 | 14,096 | 1,697,819 | 3,566,376 | 1,233,469 | 932,492 | 0.0 | 3.4 | 2,218 | 194 | 90 | 0 | 15.0 | 71.0 | 7.5 | 69,560 | 12,621 | 444 | 50 /C |
| 198 | Sep 2018 | | | | | | | | | 1,063,504 | 14,672 | 1,761,238 | 3,707,568 | 1,277,844 | 964,468 | 0.0 | 1.1 | 2,219 | 195 | 90 | 0 | 12.0 | 63.3 | 7.5 | 69,571 | 12,636 | 444 | 50 /C |
| 199 | Oct 2018 | | | | | | | | | 422,472 | 5,850 | 700,524 | 1,477,422 | | 383,130 | 1.5 | 0.1 | 2,220 | 196 | 90 | 0 | 6.0 | 71.0 | 7.5 | 69,582 | 12,651 | 444 | 50 /C |
| 200 | Nov 2018 | | | | | | | | | 443,294 | 6,186 | 737,222 | 1,561,041 | | 401,405 | 5.8 | 0.0 | 2,221 | 197 | 90 | 0 | 0.3 | 73.3 | 7.5 | 69,593 | 12,666 | 444 | 50 /C |
| 201 | Dec 2018 | | | | | | | | | 910,712 | 12,861 | 1,521,340 | 3,240,984 | | 818,089 | 11.8 | 0.0 | 2,222 | 198 | 90 | 0 | -5.4 | 61.3 | 7.5 | 69,605 | 12,681 | 445 | 50 /C |
| 202 | Jan 2019 | | | | | | | | | 881,475 | 12,913 | 1,500,968 | 3,227,740 | | 794,861 | 14.6 | 0.0 | 2,223 | 199 | 90 | 0 | -8.2 | 71.0 | 7.5 | 69,616 | 12,696 | 445 | 50 /C |
| 203 | Feb 2019 | | | | | | | | | 975,839 | 14,363 | 1,666,130 | | 1,191,013 | 880,129 | 14.2 | 0.0 | 2,224 | 200 | 90 | 0 | -8.2 | 67.9 | 7.4 | 69,627 | 12,710 | 445 | 50 /C |
| 204 | Mar 2019 | | | | | | | | | 884,280 | 13,106 | 1,515,766 | 3,268,412 | | 797,570 | 9.0 | 0.0 | 2,225 | 201 | 90 | 0 | -4.6 | 67.7 | 7.4 | 69,639 | 12,725 | 445 | 50 /C |
| 205 | Apr 2019 | | | | | | | | | 441,843 | 6,585 | 759,804 | 1,640,741 | | 400,493 | | 0.0 | 2,226 | 202 | 90 | 0 | 0.0 | 66.7 | 7.4 | 69,650 | 12,740 | 445 | 50 /C |
| 206 | May 2019 | | | | | | | | | 429,886 | 6,434 | 741,150 | 1,601,903 | | 389,567 | 0.4 | 0.6 | 2,227 | 203 | 90 | 0 | 6.8 | 71.0 | 7.4 | 69,661 | 12,755 | 445 | 50 /C |
| 207 | Jun 2019 | | | | | | | | | 1,087,042 | 16,493 | 1,888,421 | 4,094,702 | | 984,956 | 0.0 | 2.4 | 2,228 | 204 | 90 | 0 | 12.8 | 66.7 | 7.3 | 69,673 | 12,770 | 445 | 51 /C |
| 208 | Jul 2019 | | | | | | | | | 1,059,636 | 16,074 | 1,833,745 | | | 949,290 | 0.0 | 4.5 | 2,229 | 205 | 90 | 0 | 15.6 | 71.0 | 7.3 | 69,684 | 12,785 | 445 | 51 /C |
| 209 | Aug 2019 | | | | | | | | | 1,048,240 | 16,157 | 1,837,067 | 4,001,736 | | 947,642 | 0.0 | 3.4 | 2,229 | 206 | 90 | 0 | 15.0 | 67.7 | 7.3 | 69,695 | 12,800 | 445 | 51 /C |
| 210 | Sep 2019 | | | | | | | | | 1,071,694 | 16,791 | 1,897,605 | 4,147,399 | | 972,823 | 0.0 | 1.1 | 2,230 | 207 | 90 | 0 | 12.0 | 66.7 | 7.3 | 69,706 | 12,815 | 445 | 51 /C |
| 211 | Oct 2019 | | | | | | | | | 424,354 | 6,680 | 753,505 | 1,648,574 | | 385,600 | 1.5 | 0.1 | 2,231 | 208 | 90 | 0 | 6.0 | 71.0 | 7.3 | 69,718 | 12,830 | 445 | 51 /C |
| 212 | Nov 2019 | | | | | | | | | 441,428 | 7,031 | 789,302 | 1,731,325 | | 401,307 | 5.8 | 0.0 | 2,232 | 209 | 90 | 0 | 0.3 | 70.0 | 7.2 | 69,729 | 12,845 | 446 | 51 /C |
| 213 | Dec 2019 | | | | | | | | | 900,736 | 14,518 | 1,622,616 | 3,567,346 | 1,129,211 | 814,653 | 11.8 | 0.0 | 2,233 | 210 | 90 | 0 | -5.4 | 64.5 | 7.2 | 69,740 | 12,860 | 446 | 51 /C |

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| Residential | Depende |
|-------------|---------|
| Model | Method: |

Dependent Variable: RES_DAY Method: Least Squares Date: 08/12/14 Time: 20:24 Sample: 2002M07 2013M12 Included observations: 138

White Heteroskedasticity-Consistent Standard Errors & Covariance

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|--------------------|---------------------------|-------------|---------------|
| HDD10_DAY | 302,597 | 7,880 | 38.40 | 0.000 |
| CDD18_DAY | 988,532 | 28,208 | 35.04 | 0.000 |
| POP | 3,056 | 2,636 | 1.16 | 0.248 |
| TREND_JUL2002 | -8,776 | 2,402 | -3.65 | 0.000 |
| BLACKOUT | -1,373,181 | 107,914 | -12.72 | 0.000 |
| С | 6,831,461 | 5,437,571 | 1.26 | 0.211 |
| R-squared | 93.9% | Mean dependent var | | 15,259,740.16 |
| Adjusted R-squared | 93.7% | S.D. dependent var | | 1,732,538.26 |
| S.E. of regression | 434,365.9 | Akaike info criterion | | 28.84 |
| Sum squared resid | 24,904,933,065,819 | Schwarz criterion | | 28.97 |
| Log likelihood | -1,984.2 | Hannan-Quinn criter. | | 28.90 |
| F-statistic | 409.5 | Durbin-Watson stat | | 1.61 |
| Prob(F-statistic) | 0.0000 | | | |

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GS<50 kW Dependent Variable: LESS50_DAY

Model Method: Least Squares
Date: 08/12/14 Time: 20:39

Sample: 2002M07 2013M12 Included observations: 138

White Heteroskedasticity-Consistent Standard Errors & Covariance

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------------|---------------------------|-------------|--------------|
| HDD10_DAY | 113,063 | 7,478 | 15.12 | 0.000 |
| CDD18_DAY | 268,654 | 19,496 | 13.78 | 0.000 |
| DEW | 29,000 | 6,721 | 4.32 | 0.000 |
| TREND_JUL2002_2 | -8,891 | 475 | -18.72 | 0.000 |
| UNEMPL_RATE | -33,141 | 12,958 | -2.56 | 0.012 |
| CUST_NUMBERS | 127 | 22 | 5.82 | 0.000 |
| BLACKOUT | -410,229 | 32,739 | -12.53 | 0.000 |
| С | -1,727,230 | 1,478,108 | -1.17 | 0.245 |
| R-squared | 93.4% | Mean dependent var | | 6,910,366.12 |
| Adjusted R-squared | 93.0% | S.D. dependent var | | 616,035.94 |
| S.E. of regression | 162,615.8 | Akaike info criterion | | 26.89 |
| Sum squared resid | 3,437,708,167,740 | Schwarz criterion | | 27.06 |
| Log likelihood | -1,847.6 | Hannan-Quinn criter. | | 26.96 |
| F-statistic | 262.3 | Durbin-Watson stat | | 1.39 |
| Prob(F-statistic) | 0.0000 | | | |

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GS 50-999 Depende kW Model Method:

Dependent Variable: GS350_DAY

Method: Least Squares Date: 08/12/14 Time: 20:44 Sample: 2002M07 2013M12 Included observations: 138

White Heteroskedasticity-Consistent Standard Errors & Covariance

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|----------------------------------|--------------------|-----------------------|-------------|---------------|
| HDD10_DAY | 454,377 | 21,828 | 20.82 | 0.000 |
| CDD18_DAY | 948,400 | 42,376 | 22.38 | 0.000 |
| BUS_DAYS_PERCENT | 31,430 | 11,310 | 2.78 | 0.006 |
| DEW | 122,744 | 18,918 | 6.49 | 0.000 |
| CUST_NUMBERS | 969 | 58 | 16.79 | 0.000 |
| UNEMPL_RATE | -68,381 | 36,726 | -1.86 | 0.065 |
| BLACKOUT | -1,878,717 | 124,937 | -15.04 | 0.000 |
| С | 11,919,161 | 1,001,752 | 11.90 | 0.000 |
| R-squared | 95.5% | Mean dependent var | | 28,646,861.58 |
| Adjusted R-squared | 95.2% | S.D. dependent var | | 1,979,443.79 |
| S.E. of regression | 431,665.8 | Akaike info criterion | | 28.84 |
| Sum squared resid | 24,223,602,166,814 | Schwarz criterion | | 29.01 |
| Log likelihood | -1,982.3 | Hannan-Quinn criter. | | 28.91 |
| F-statistic Prob(F-statistic) | 393.0 0.0000 | | | 1.20 |

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| GS 1000- |
|----------|
| 4999 kW |
| Model |

Dependent Variable: GS450_DAY

Method: Least Squares
Date: 08/12/14 Time: 20:52
Sample: 2002M07 2013M12
Included observations: 138

White Heteroskedasticity-Consistent Standard Errors & Covariance

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|--------------------|---------------------------|-------------|---------------|
| HDD10_DAY | 187,930 | 14,713 | 12.77 | 0.000 |
| CDD18_DAY | 305,932 | 35,048 | 8.73 | 0.000 |
| BUS_DAYS_PERCENT | 54,716 | 8,299 | 6.59 | 0.000 |
| DEW | 117,789 | 12,913 | 9.12 | 0.000 |
| CUST_NUMBERS | 10,208 | 2,246 | 4.55 | 0.000 |
| UNEMPL_RATE | -142,025 | 19,082 | -7.44 | 0.000 |
| BLACKOUT | -886,383 | 82,964 | -10.68 | 0.000 |
| С | 5,033,665 | 1,355,284 | 3.71 | 0.000 |
| R-squared | 87.7% | Mean dependent var | | 14,425,799.09 |
| Adjusted R-squared | 87.0% | S.D. dependent var | | 835,816.52 |
| S.E. of regression | 300,936.5 | Akaike info criterion | | 28.12 |
| Sum squared resid | 11,773,157,487,626 | Schwarz criterion | | 28.29 |
| Log likelihood | -1,932.5 | Hannan-Quinn criter. | | 28.19 |
| F-statistic | 132.4 | Durbin-Watson stat | | 1.26 |
| Prob(F-statistic) | 0.0000 | | | |

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| Large Use | Dependent Variable: LU_DAY |
|-----------|---|
| Model | Method: Least Squares |
| | Date: 08/12/14 Time: 20:55 |
| | Date: 08/12/14 Time: 20:55 Sample: 2002M07 2013M12 |
| | Included observations: 138 |
| | |

White Heteroskedasticity-Consistent Standard Errors & Covariance

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|--------------------|-------------------|-----------------------|-------------|--------------|
| HDD10_DAY | 85,249 | 10,902 | 7.82 | 0.000 |
| CDD18_DAY | 143,786 | 25,967 | 5.54 | 0.000 |
| BUS_DAYS_PERCENT | 19,744 | 7,025 | 2.81 | 0.006 |
| DEW | 51,924 | 9,428 | 5.51 | 0.000 |
| CUST | 40,422 | 13,206 | 3.06 | 0.003 |
| TREND_JUL2002_2 | -6,560 | 721 | -9.09 | 0.000 |
| BLACKOUT | -473,165 | 67,682 | -6.99 | 0.000 |
| С | 3,488,893 | 824,306 | 4.23 | 0.000 |
| R-squared | 75.5% | Mean dependent var | | 7,170,595.24 |
| Adjusted R-squared | 74.2% | S.D. dependent var | | 478,171.03 |
| S.E. of regression | 242,837.8 | Akaike info criterion | | 27.69 |
| Sum squared resid | 7,666,124,475,923 | Schwarz criterion | | 27.86 |
| Log likelihood | -1,902.9 | Hannan-Quinn criter. | | 27.76 |
| F-statistic | 57.3 | Durbin-Watson stat | | 1.38 |
| Prob(F-statistic) | 0.0000 | | | |

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Table 1: Loads by Class

| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 |
|-------------------------------|------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|-------------------|------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|
| 1 2 | | 2009 Board Approved | 2009 Actual | 2010 Board Approved | 2010 Actual | 2011 Board Approved | 2011 Actual | 2012 Board Approved | 2012 Actual | 2013 Board Approved | 2013 Actual | 2014 Board Approved | 2014 Bridge Year | 2015 Test Year | 2016 Test Year | 2017 Test Year | 2018 Test Year | 2019 Test Year |
| 3 Residential | kWh | 5,387,207,866 | 5,025,855,546 | 5,081,028,663 | 5,206,836,373 | 4,986,768,673 | 5,172,679,422 | n/a | 5,145,711,916 | n/a | 5,007,496,092 | n/a | 4,933,289,211 | 4,909,898,145 | 4,905,620,419 | 4,851,685,133 | 4,807,177,718 | 4,774,297,560 / |
| Competitive Sector Multi-Unit | kVA kWh | n/a | n/a n/a | n/a n/a | n/a n/a | n/a n/a | n/a n/a | | n/a | | n/a 85,122,909 | • | n/a 171,862,499 | n/a 213,116,822 | n/a 255,526,309 | n/a 289,587,529 | n/a 324,960,737 | n/a / 362,294,376 / |
| Residential (CSMUR) | KVVII | II/a | 11/ a | 11/ a | II/ a | 11/ a | II/ a | 11/ a | n/a | n/a | 63,122,909 | II/ a | 171,002,499 | 213,110,822 | 233,320,309 | 203,307,323 | 324,300,737 | 302,294,370 |
| 6 | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a / |
| 7 GS <50 kW | kWh | 2,545,941,999 | 2,180,476,274 | 2,229,476,310 | 2,095,766,048 | 2,139,318,076 | 2,085,497,836 | n/a | 2,124,568,049 | n/a | 2,157,353,481 | n/a | 2,134,640,222 | 2,118,402,162 | 2,101,996,032 | 2,058,843,341 | 2,016,610,061 | 1,986,965,125 / |
| 8 | kVA | n/a | n/a | n/a | n/a | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a / |
| 9 GS 50-999 kW | kWh | 9,786,256,143 | 9,844,680,730 | 10,134,340,212 | 10,191,135,017 | 10,116,374,153 | 10,275,861,063 | n/a | 9,978,192,876 | n/a | 9,842,128,168 | n/a | 9,825,134,003 | 9,848,614,894 | 9,838,327,422 | 9,745,292,849 | 9,671,927,970 | 9,616,005,531 / |
| 10 | kVA | 25,062,727 | 25,674,216 | 26,511,577 | 26,717,773 | 26,935,191 | 26,844,715 | n/a | 26,409,737 | n/a | 25,980,090 | n/a | 26,274,126 | 26,395,826 | 26,453,431 | 26,332,008 | 26,283,129 | 26,240,163 / |
| 11 GS 1000-4999 kW | kWh | 5,040,303,453 | 4,786,395,558 | 4,880,642,723 | 4,829,372,146 | 4,626,928,262 | 4,670,665,638 | n/a | 4,794,683,898 | n/a | 4,905,371,169 | n/a | 4,685,931,494 | 4,654,535,571 | 4,669,074,039 | 4,651,403,293 | 4,640,828,256 | 4,634,979,494 / |
| 12 | kVA | 11,526,464 | 10,952,209 | 11,142,188 | 10,974,687 | 10,587,119 | 10,611,988 | n/a | 10,885,366 | n/a | 11,100,609 | n/a | 10,744,026 | 10,671,871 | 10,717,086 | 10,688,401 | 10,695,772 | 10,690,242 / |
| 13 Large Use | kWh | 2,570,384,339 | 2,343,905,925 | 2,378,122,313 | 2,263,689,663 | 2,376,778,323 | 2,340,746,174 | n/a | 2,367,027,561 | n/a | 2,272,056,290 | n/a | 2,246,880,155 | 2,228,386,374 | 2,234,712,907 | 2,229,642,449 | 2,225,220,101 | 2,229,610,682 / |
| 14 | kVA | 5,360,901 | 5,358,884 | 4,974,405 | 5,268,310 | 4,993,733 | 5,441,844 | n/a | 5,567,061 | n/a | 5,401,906 | n/a | 5,370,582 | 5,305,030 | 5,310,683 | 5,285,383 | 5,279,518 | 5,272,315 / |
| 15 Street Lighting | kWh | 109,374,973 | 112,001,096 | 109,298,944 | 112,749,995 | 110,165,016 | 113,045,004 | n/a | 113,594,917 | n/a | 113,643,583 | n/a | 113,903,287 | 114,092,929 | 114,659,005 | 114,472,212 | 114,661,853 | 114,851,495 / |
| 16 | kVA | 317,526 | 321,100 | 321,183 | 321,995 | 322,023 | 322,481 | n/a | 322,741 | n/a | 323,205 | n/a | 323,962 | 324,479 | 324,984 | 325,489 | 325,998 | 326,502 / |
| 17 Unmetered Scattered Load | kWh | 57,420,003 | 56,413,961 | 52,413,320 | 52,107,422 | 56,231,585 | 42,759,300 | n/a | 41,142,371 | n/a | 41,132,354 | | 41,132,354 | 41,132,354 | 41,245,045 | 41,132,354 | 41,132,354 | 41,132,354 / |
| 18 | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a / |
| 19 Total | kWh | 25,496,888,777 | 24,349,729,089 | 24,865,322,485 | 24,751,656,664 | 24,412,564,088 | 24,701,254,438 | n/a | 24,564,921,588 | n/a | 24,424,304,046 | n/a | 24,152,773,226 | 24,128,179,251 | 24,161,161,179 | 23,982,059,160 | 23,842,519,050 | 23,760,136,618 |
| 20 | kVA | 42,267,618 | 42,306,408 | 42,949,353 | 43,282,765 | 42,838,067 | 43,221,028 | n/a | 43,184,905 | | 42,805,809 | n/a | 42,712,695 | 42,697,206 | 42,806,184 | 42,631,282 | 42,584,417 | 42,529,222 / |

22 Notes

 ^{1.} Loads are after losses
 2. CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

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Table 1: Weather-normalized Loads by Class

| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 |
|--|--------|------------------------|---------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|------------------|----------------|----------------|----------------|----------------|----------------|
| | | 2009 Board Approved | 2009 Actual | 2010 Board Approved | 2010 Actual | 2011 Board Approved | 2011 Actual | 2012 Board Approved | 2012 Actual | 2013 Board Approved | 2013 Actual | 2014 Board Approved | 2014 Bridge Year | 2015 Test Year | 2016 Test Year | 2017 Test Year | 2018 Test Year | 2019 Test Year |
| Residential | kWh | 5,525,723,343 | 5,164,437,210 | 5,055,074,082 | 5,180,881,792 | 4,929,687,760 | 5,115,598,510 | n/a | 5,165,553,794 | n/a | 4,994,099,684 | n/a | 4,933,289,211 | 4,909,898,145 | 4,905,620,419 | 4,851,685,133 | 4,807,177,718 | 4,774,297,560 |
| | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Competitive Sector Multi-Unit Residential (CSMUR) | kWh | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 85,122,909 | n/a | 171,862,499 | 213,116,822 | 255,526,309 | 289,587,529 | 324,960,737 | 362,294,376 |
| | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a , |
| GS <50 kW | kWh | 2,580,489,105 | 2,215,039,887 | 2,226,020,092 | 2,092,309,831 | 2,123,115,647 | 2,069,295,407 | n/a | 2,142,551,878 | n/a | 2,149,291,815 | n/a | 2,134,640,222 | 2,118,402,162 | 2,101,996,032 | 2,058,843,341 | 2,016,610,061 | 1,986,965,125 |
| | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a / |
| GS 50-999 kW | kWh | 9,902,662,905 | 9,961,143,114 | 10,128,586,298 | 10,185,381,103 | 10,057,940,914 | 10,217,427,824 | n/a | 10,064,244,580 | n/a | 9,805,746,125 | n/a | 9,825,134,003 | 9,848,614,894 | 9,838,327,422 | 9,745,292,849 | 9,671,927,970 | 9,616,005,531 |
| | kVA | 25,376,418 | 26,002,406 | 26,494,179 | 26,701,650 | 26,785,282 | 26,705,690 | n/a | 26,626,355 | n/a | 25,889,643 | | 26,274,126 | 26,395,826 | 26,453,431 | 26,332,008 | 26,283,129 | 26,240,163 |
| GS 1000-4999 kW | kWh | 5,073,697,893 | 4,819,805,955 | 4,883,613,314 | 4,832,342,737 | 4,607,153,970 | 4,650,891,346 | n/a | 4,839,335,791 | n/a | 4,887,703,716 | | 4,685,931,494 | 4,654,535,571 | 4,669,074,039 | 4,651,403,293 | 4,640,828,256 | 4,634,979,494 |
| | kVA | 11,606,563 | 11,034,020 | 11,148,133 | 10,979,591 | 10,542,113 | 10,569,944 | n/a | 10,983,190 | n/a | 11,062,014 | n/a | 10,744,026 | 10,671,871 | 10,717,086 | 10,688,401 | 10,695,772 | 10,690,242 |
| Large Use | kWh | 2,586,685,544 | 2,360,214,920 | 2,379,178,661 | 2,264,746,010 | 2,367,382,216 | 2,331,350,067 | n/a | 2,387,122,968 | n/a | 2,264,048,080 | n/a | 2,246,880,155 | 2,228,386,374 | 2,234,712,907 | 2,229,642,449 | 2,225,220,101 | 2,229,610,682 |
| | kVA | 5,396,384 | 5,397,208 | 4,976,654 | 5,270,103 | 4,975,030 | 5,422,124 | n/a | 5,612,186 | n/a | 5,383,830 | n/a | 5,370,582 | 5,305,030 | 5,310,683 | 5,285,383 | 5,279,518 | 5,272,315 |
| Street Lighting | kWh | 109,374,973 | 112,001,096 | 109,298,944 | 112,749,995 | 110,165,016 | 113,045,004 | n/a | 113,594,917 | n/a | 113,643,583 | | 113,903,287 | 114,092,929 | 114,659,005 | 114,472,212 | 114,661,853 | 114,851,495 |
| | kVA | 317,526 | 321,100 | 321,183 | 321,995 | 322,023 | 322,481 | n/a | 322,741 | n/a | 323,205 | | 323,962 | 324,479 | 324,984 | 325,489 | 325,998 | 326,502 |
| Unmetered Scattered Load | kWh | 57,420,003 | 56,413,961 | 52,413,320 | 52,107,422 | 56,231,585 | 42,759,300 | n/a | 41,142,371 | n/a | 41,132,354 | n/a | 41,132,354 | 41,132,354 | 41,245,045 | 41,132,354 | 41,132,354 | 41,132,354 / |
| | kVA | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total | kWh | | | , , - , | 24,720,518,889 | 24,251,677,108 | 24,540,367,458 | n/a | 24,753,546,299 | n/a | 24,340,788,264 | n/a | 24,152,773,226 | 24,128,179,251 | 24,161,161,179 | 23,982,059,160 | 23,842,519,050 | 23,760,136,618 |
| | kVA | 42,696,892 | 42,754,733 | 42,940,148 | 43,273,338 | 42,624,448 | 43,020,239 | n/a | 43,544,473 | n/a | 42,658,691 | n/a | 42,712,695 | 42,697,206 | 42,806,184 | 42,631,282 | 42,584,417 | 42,529,222 |

 ^{1.} Normalized to Test Year HDD and CDD
 2. CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class

EB-2014-0116 Exhibit 3 Tab 1 Schedule 1

Appendix B-3 Filed: 2014 Jul 31

Corrected: 2014 Sep 23 Page 1 of 1

Table 1: Variances - Loads by Class

| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 |
|---|-----------|---|----------------|---------------------------------------|--|---|--|---|---------------------------------------|-------------------------------------|-------------------------------------|--|--|
| | | 2010 Actual (norm) vs 2009 Actual (norm) | , | 2011 Actual vs 2011 Board Approved | 2011 Actual (norm) vs 2011 Board Approved (norm) | 2012 Actual (norm) vs 2011 Actual (norm) | 2013 Actual(norm) vs 2012 Actual (norm) | 2014 Bridge Year vs 2013 Actual (norm) | 2015 Test Year vs 2014 Bridge Year | 2016 Test Year vs 2015 Test Year | 2017 Test Year vs 2016 Test Year | 2018 Test Year vs 2017 Test Year | 2019 Test Year vs 2018 Test Year |
| Residential | kWh | 16,444,582 | -65,283,282 | 185,910,749 | 185,910,749 | 49,955,28 | 4 -171,454,110 | -60,810,473 | -23,391,067 | 7 -4,277,726 | -53,935,286 | -44,507,415 | -32,880,157 /C |
| | kVA | n/a | a n/a | n/a | n/s | a n/ | a n/a | a n/a | n/a | a n/a | a n/a | n/a | n/a /C |
| Competitive Sector Multi-Uni Residential (CSMUR) | it kWh | n/a | a n/a | n/a | n/ | a n/ | a 85,122,909 | 86,739,590 | 41,254,323 | 3 42,409,487 | 34,061,219 | 35,373,208 | 37,333,639 |
| | kVA | n/a | a n/a | n/a | n/ | a n/ | a n/a | a n/a | n/a | a n/a | a n/a | n/a | n/a /C |
| GS <50 kW | kWh | -122,730,056 | -23,014,423 | -53,820,240 | -53,820,240 | 73,256,47 | 1 6,739,937 | 7 -14,651,593 | -16,238,060 | -16,406,130 | -43,152,691 | -42,233,280 | -29,644,935 /C |
| | kVA | n/a | a n/a | n/a | n/ | a n/ | a n/a | a n/a | n/a | a n/a | a n/a | n/a | n/a / c |
| GS 50-999 kW | kWh | 224,237,989 | 32,046,721 | 159,486,910 | 159,486,910 | -153,183,24 | 4 -258,498,456 | 5 19,387,878 | 23,480,893 | 1 -10,287,472 | -93,034,573 | -73,364,879 | -55,922,438 /C |
| | kVA | 699,244 | 4,039 | -90,477 | -79,593 | -79,33 | 4 -736,712 | 384,482 | 121,703 | 57,605 | -121,423 | -48,879 | -42,966 /c |
| GS 1000-4999 kW | kWh | 12,536,782 | -181,451,391 | 43,737,376 | 43,737,376 | 188,444,44 | 5 48,367,925 | -201,772,222 | -31,395,923 | 3 14,538,468 | -17,670,746 | -10,575,037 | -5,848,762 /C |
| | kVA | -54,429 | -409,647 | 24,868 | 27,83 | 1 413,24 | 6 78,823 | 3 -317,988 | -72,155 | 45,215 | -28,685 | 7,371 | 5,530 /c |
| Large Use | kWh | -95,468,910 | 66,604,057 | -36,032,149 | -36,032,149 | 55,772,90 | 0 -123,074,888 | -17,167,925 | -18,493,782 | 6,326,533 | -5,070,457 | -4,422,348 | 4,390,581 /C |
| | kVA | -127,105 | 5 152,021 | 448,111 | 447,094 | 190,06 | 2 -228,356 | -13,247 | -65,553 | 5,653 | -25,299 | -5,866 | -7,203 /C |
| Street Lighting | kWh | 748,900 | 295,009 | 2,879,988 | 2,879,988 | 549,91 | 3 48,666 | 5 259,704 | 189,642 | 1 566,077 | 7 -186,794 | 189,641 | . 189,641 /C |
| | kVA | 895 | 5 487 | 458 | 458 | 3 26 | 0 464 | 4 757 | 517 | 7 505 | 5 505 | 509 | 504 / 0 |
| Unmetered Scattered Load | kWh | -4,306,539 | -9,348,121 | -13,472,285 | -13,472,28 | -1,616,92 | 9 -10,017 | 7 0 | (| 112,691 | -112,691 | 0 | , o /c |
| | kVA | n/a | a n/a | n/a | n/s | a n/ | a n/a | a n/a | n/a | a n/a | a n/a | n/a | n/a /C |
| Total | kWh | 31,462,747 | 7 -180,151,431 | 288,690,350 | 288,690,350 | 213,178,84 | 1 -412,758,034 | 4 -188,015,039 | -24,593,975 | 32,981,928 | -179,102,019 | -139,540,110 | -82,382,431 /C |
| | kVA | 518,609 | -253,099 | 382,961 | 395,790 | 524,23 | 4 -885,782 | 2 54,004 | -15,489 | 108,978 | -174,903 | -46,865 | -55,195 /C |

^{24 2.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

Table 1: Customers by Class

| | Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 |
|----|--|---------------------|------------------------|-------------|------------------------|-------------|------------------------|----------------|------------------------|----------------|------------------------|-------------|------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2 | | | 2009 Board Approved | 2009 Actual | 2010 Board Approved | 2010 Actual | 2011 Board Approved | 2011 Actual | 2012 Board Approved | 2012 Actual | 2013 Board Approved | 2013 Actual | 2014 Board Approved | 2014 Bridge Year | 2015 Test Year | 2016 Test Year | 2017 Test Year | 2018 Test Year | 2019 Test Year |
| 3 | Residential | Customers | 611,808 | 609,439 | 614,841 | 616,394 | 623,406 | 624,649 | n/a | 632,147 | n/a | 606,350 | n/a | 611,150 | 612,985 | 614,819 | 616,654 | 618,488 | 620,322 |
| 4 | Competitive Sector Multi-Un Residential (CSMUR) | it Customers | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 36,156 | n/a | 43,591 | 54,122 | 65,384 | 73,991 | 83,099 | 92,706 |
| 5 | GS <50 kW | Customers | 66,191 | 66,074 | 65,747 | 65,799 | 65,792 | 66,681 | n/a | 67,401 | n/a | 68,312 | n/a | 68,891 | 69,131 | 69,266 | 69,402 | 69,537 | 69,673 |
| 6 | GS 50-999 kW | Customers | 11,719 | 12,231 | 12,276 | 12,873 | 13,067 | 12,845 | n/a | 12,129 | n/a | 11,885 | n/a | 11,957 | 12,054 | 12,233 | 12,412 | 12,591 | 12,770 |
| 7 | GS 1000-4999 kW | Customers | 530 | 515 | 517 | 509 | 514 | 503 | n/a | 496 | n/a | 516 | n/a | 439 | 440 | 442 | 443 | 444 | 445 |
| 8 | Large Use | Customers | 49 | 47 | 47 | 47 | 47 | 50 | n/a | 52 | n/a | 52 | n/a | 48 | 49 | 49 | 50 | 50 | 51 |
| 9 | Street Lighting | Devices | 162,450 | 162,219 | 162,353 | 162,964 | 162,777 | 163,071 | n/a | 163,210 | n/a | 163,426 | n/a | 163,825 | 164,098 | 164,371 | 164,644 | 164,916 | 165,189 |
| 10 | Unmetered Scattered Load | d Customers | 1,135 | 1,093 | 1,124 | 1,107 | 1,130 | 1,028 | n/a | 868 | n/a | 873 | n/a | 898 | 898 | 898 | 898 | 898 | 898 |
| 11 | | Connections | 19,907 | 21,286 | 21,782 | 12,159 | 21,729 | 12,499 | n/a | 11,697 | n/a | 11,784 | n/a | 11,720 | 11,720 | 11,720 | 11,720 | 11,720 | 11,720 |
| 12 | Total | Customers | 691,432 | 689,399 | 694,551 | 696,729 | 703,956 | 705,756 | n/a | 713,093 | n/a | 724,144 | n/a | 736,974 | 749,679 | 763,091 | 773,850 | 785,107 | 796,865 |
| 13 | | Connections/devices | 182,357 | 183,505 | 184,136 | 175,123 | 184,506 | 175,570 | n/a | 174,907 | n/a | 175,210 | n/a | 175,545 | 175,818 | 176,091 | 176,364 | 176,636 | 176,909 |

¹⁵ Notes 16 1. Customer and Connection/Device values are mid-year

^{17 2.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

Toronto Hydro-Electric System Limited
EB-2014-0116
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Tab 1
Schedule 1
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ORIGINAL
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Table 1: Variances - Customers by Class

| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 |
|--|---------------------|-------------------------------|-------------------------------|------------|--------|-------------------------------|---------------------------------------|--|---------|--|--|--|
| 2 | | 2010 Actual vs 2009 Actual | 2011 Actual vs 2010 Actual | 2011 Board | | 2013 Actual vs 2012 Actual | 2014 Bridge Year vs 2013 Actual | 2015 Test Year vs 2014 Bridge Year | | 2017 Test Year vs 2016 Test Year | 2018 Test Year vs 2017 Test Year | 2019 Test Year vs 2018 Test Year |
| 3 Residential | Customers | 6,955 | 8,255 | 1,243 | 7,498 | -25,797 | 4,800 | 1,835 | 1,834 | 1,835 | 1,834 | 1,834 |
| Competitive Sector Multi-Unit Residential (CSMUR) | Customers | n/a | n/a | n/a | n/a | 36,156 | 7,435 | 10,531 | 11,262 | 8,607 | 9,108 | 9,607 |
| 5 GS <50 kW | Customers | -275 | 882 | 889 | 720 | 911 | 579 | 240 | 135 | 136 | 135 | 136 |
| 6 GS 50-999 kW | Customers | 642 | -28 | -222 | -716 | -244 | 72 | 97 | 179 | 179 | 179 | 179 |
| 7 GS 1000-4999 kW | Customers | -6 | -6 | -11 | -7 | 20 | -77 | 1 | 2 | 1 | 1 | 1 |
| 8 Large Use | Customers | 0 | 3 | 3 | 2 | 0 | -4 | 1 | 0 | 1 | 0 | 1 |
| 9 Street Lighting | Devices | 745 | 107 | 294 | 139 | 216 | 399 | 273 | 273 | 273 | 272 | 273 |
| 10 Unmetered Scattered Load | Customers | 14 | -79 | -102 | -160 | 5 | 25 | 0 | 0 | 0 | 0 | 0 |
| 11 | Connections | -9,127 | 340 | -9,230 | -802 | 87 | -64 | 0 | 0 | 0 | 0 | 0 |
| 12 Total | Customers | 7,330 | 9,027 | 1,800 | 7,337 | 11,051 | 12,830 | 12,705 | 13,412 | 10,759 | 11,257 | 11,758 |
| 13 | Connections/devices | -8,382 | 447 | -8,936 | -663 | 303 | 335 | 273 | 273 | 273 | 272 | 273 |

15 Notes

^{16 1.} Customer and Connection/Device values are mid-year

^{17 2.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class

^{18 3.} USL variance in 2010 Actual to 2009 Actual, 2011 Actual to 2011 Board-Approved, and 2012 Actual to 2011 Actual due to billing system adjustmen

Toronto Hydro-Electric System Limited EB-2014-0116 Exhibit 3

> Tab 1 Schedule 1 Appendix D

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29,817 **/C**

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Table 1: Weather-normalized Loads per Customer by Class

| | Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | |
|----|-------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|----|
| 1 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | 2014 Bridge | 2015 Test | 2016 Test | 2017 Test | 2018 Test | 2019 Test | |
| 2 | | | 2009 Actual | 2010 Actual | 2011 Actual | 2012 Actual | 2013 Actual | Year | Year | Year | Year | Year | Year | |
| 3 | Residential | kWh/cust | 8,474 | 8,405 | 8,190 | 8,171 | 8,236 | 8,072 | 8,010 | 7,979 | 7,868 | 7,772 | 7,696 | /C |
| | Competitive Sector Multi-Unit | kWh/cust | n/a | n/a | n/a | n/a | 2,354 | 3,943 | 3,938 | 3,908 | 3,914 | 3,911 | 3 008 | |
| 4 | Residential (CSMUR) | KVVII/CUST | 11/ a | 11/a | 11/a | 11/a | 2,334 | 3,543 | 3,930 | 3,906 | 3,514 | 3,911 | 3,908 | /C |
| 5 | GS <50 kW | kWh/cust | 33,524 | 31,799 | 31,033 | 31,788 | 31,463 | 30,986 | 30,643 | 30,347 | 29,665 | 29,001 | 28,518 | /C |
| 6 | GS 50-999 kW | kWh/cust | 814,418 | 791,220 | 795,440 | 829,767 | 825,052 | 821,706 | 817,041 | 804,245 | 785,151 | 768,162 | 753,015 | /C |
| 7 | GS 1000-4999 kW | kWh/cust | 9,358,847 | 9,493,797 | 9,246,305 | 9,756,725 | 9,472,294 | 10,674,104 | 10,578,490 | 10,563,516 | 10,499,782 | 10,452,316 | 10,415,684 | /C |
| 8 | Large Use | kWh/cust | 50,217,339 | 48,186,085 | 46,627,001 | 45,906,211 | 43,539,386 | 46,810,003 | 45,477,273 | 45,606,386 | 44,592,849 | 44,504,402 | 43,717,857 | /C |
| 9 | Street Lighting | kWh/dev | 690 | 692 | 693 | 696 | 695 | 695 | 695 | 698 | 695 | 695 | 695 | /C |
| 10 | Unmetered Scattered Load | kWh/conn | 2,650 | 4,286 | 3,421 | 3,517 | 3,491 | 3,510 | 3,510 | 3,519 | 3,510 | 3,510 | 3,510 | /C |

34,713

33,613

32,773

32,185

31,662

30,991

30,368

12 13

14 Notes

11 Total

kWh/cust

35,812

35,481

34,772

^{15 1.} Customer and Connection/Device values are mid-year

^{16 2.} Loads are weather normalized to Test year HDD and CDD

^{17 3.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

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Schedule 1
Appendix E-1

Appendix E-1 Filed: 2014 Jul 31 Corrected: 2015 Jan 15

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Table 1: Revenues by Class

| | | | | | | | | | | | | | | | | | | rage 1 |
|-------------------------------|-----------------------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|---------------------|----------------|----------------|----------------|----------------|-------------------------|
| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 |
| | | 2009 Board Approved | 2009 Actual | 2010 Board Approved | 2010 Actual | 2011 Board Approved | 2011 Actual | 2012 Board Approved | 2012 Actual | 2013 Board Approved | 2013 Actual | 2014 Board Approved | 2014 Bridge Year | 2015 Test Year | 2016 Test Year | 2017 Test Year | 2018 Test Year | 2019 Test Year |
| Residential | Customer Charge | \$ 125,425,779 | \$ 124,940,074 | \$ 136,520,338 | \$ 136,865,151 | \$ 138,422,132 | \$ 138,698,105 | n/a | \$ 140,362,973 | n/a | \$ 135,962,871 | n/a | \$ 138,526,315 | \$ 171,086,157 | \$ 179,452,345 | \$ 194,392,979 | \$ 208,741,762 | \$ 220,757,092 / |
| | Distribution Charge | \$ 77,144,817 | \$ 71,970,251 | \$ 79,873,771 | \$ 81,851,468 | \$ 75,798,884 | \$ 78,624,727 | n/a | \$ 78,214,821 | n/a | \$ 76,164,016 | n/a | \$ 75,873,988 | \$ 92,993,471 | \$ 97,180,340 | \$ 103,777,545 | \$ 110,132,442 | \$ 115,299,286 / |
| Competitive Sector Multi-Unit | Customer Charge | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | \$ 7,548,650 | n/a | \$ 9,201,697 | \$ 12,491,448 | \$ 15,782,826 | \$ 19,282,795 | \$ 23,193,208 | \$ 27,273,178 |
| Residential (CSMUR) | Distribution Charge | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | \$ 2,203,832 | n/a | \$ 4,497,642 | \$ 6,099,403 | \$ 7,647,902 | \$ 9,359,469 | \$ 11,246,891 | \$ 13,220,122 / |
| GS <50 kW | Customer Charge | \$ 17,266,106 | \$ 17,235,623 | \$ 19,438,004 | \$ 19,453,474 | \$ 19,451,451 | \$ 19,714,238 | n/a | \$ 19,927,106 | n/a | \$ 20,387,603 | n/a | \$ 20,786,711 | \$ 25,863,635 | \$ 27,102,400 | \$ 29,325,699 | \$ 31,463,986 | \$ 33,229,376 / |
| | Distribution Charge | \$ 50,282,354 | \$ 43,064,406 | \$ 50,609,112 | \$ 47,573,889 | \$ 48,070,477 | \$ 46,861,136 | n/a | \$ 47,739,044 | n/a | \$ 48,928,777 | n/a | \$ 48,947,300 | \$ 60,247,357 | \$ 62,513,362 | \$ 66,130,048 | \$ 69,371,386 | \$ 72,047,355 / |
| GS 50-999 kW | Customer Charge | \$ 4,660,902 | \$ 4,864,615 | \$ 5,300,602 | \$ 5,558,497 | \$ 5,653,199 | \$ 5,557,346 | n/a | \$ 5,247,571 | n/a | \$ 5,191,170 | n/a | \$ 5,279,354 | \$ 6,457,308 | \$ 6,852,356 | \$ 7,509,860 | \$ 8,157,394 | \$ 8,720,825 / |
| | Distribution Charge | \$ 130,888,593 | \$ 134,082,058 | \$ 150,096,766 | \$ 151,264,158 | \$ 152,811,870 | \$ 152,298,566 | n/a | \$ 149,830,800 | n/a | \$ 148,813,053 | n/a | \$ 152,151,564 | \$ 185,495,790 | \$ 194,397,449 | \$ 208,984,494 | \$ 223,386,303 | \$ 235,086,312 / |
| | Transformer Allowance | (3,263,711) | (3,181,459) | (3,319,551) | (3,300,697) | (3,283,350) | (3,586,925) |) n/a | (3,618,183) | n/a | (3,563,945) | n/a | (3,571,778) | (3,587,324) | (3,594,720) | (3,578,454) | (3,571,786) | (3,565,882) / |
| GS 1000-4999 kW | Customer Charge | \$ 4,550,112 | \$ 4,419,606 | \$ 4,149,424 | \$ 4,086,031 | \$ 4,296,929 | \$ 4,201,021 | n/a | \$ 4,142,557 | n/a | \$ 4,351,031 | n/a | \$ 3,742,449 | \$ 4,490,590 | \$ 4,717,128 | \$ 5,106,059 | \$ 5,480,437 | \$ 5,789,910 / |
| | Distribution Charge | \$ 50,520,973 | \$ 48,003,988 | \$ 45,682,570 | \$ 44,995,820 | \$ 47,763,803 | \$ 47,875,997 | n/a | \$ 49,109,344 | n/a | \$ 50,562,117 | n/a | \$ 49,476,043 | \$ 58,834,247 | \$ 61,783,705 | . , , | \$ 71,315,530 | \$ 75,133,989 / |
| | Transformer Allowance | (5,595,547) | (5,358,542) | (5,435,318) | (5,384,155) | . , , , | (5,220,656) |) n/a | (6,768,896) | n/a | (6,339,859) | n/a | (5,337,927) | (5,302,746) | (5,325,112) | (5,310,981) | (5,314,965) | (5,312,395) / |
| Large Use | Customer Charge | \$ 1,573,308 | \$ 1,509,091 | \$ 1,643,460 | \$ 1,643,460 | \$ 1,720,709 | \$ 1,830,542 | n/a | \$ 1,903,764 | n/a | \$ 1,922,073 | n/a | \$ 1,793,738 | \$ 2,208,172 | \$ 2,309,085 | \$ 2,544,707 | \$ 2,725,127 | \$ 2,930,007 / |
| | Distribution Charge | \$ 21,387,047 | \$ 21,378,998 | \$ 21,612,378 | \$ 22,889,314 | \$ 24,002,088 | \$ 26,155,908 | n/a | \$ 26,757,753 | n/a | \$ 26,213,693 | n/a | \$ 26,348,106 | \$ 31,385,852 | \$ 32,855,328 | +,, | \$ 37,776,629 | \$ 39,765,482 / |
| | Transformer Allowance | (3,254,452) | (3,207,880) | (2,963,777) | (3,145,318) | . , , , | (3,217,346) |) n/a | (3,439,737) | n/a | (3,328,043) | n/a | (3,221,105) | (3,181,825) | (3,185,237) | (3,170,055) | (3,166,520) | (3,162,195) / |
| Street Lighting | Service Charge (per device) | \$ 1,759,059 | \$ 1,756,561 | \$ 2,607,396 | \$ 2,617,202 | \$ 2,574,590 | \$ 2,579,240 | n/a | \$ 2,581,438 | n/a | \$ 2,604,738 | n/a | \$ 2,631,030 | \$ 2,635,414 | \$ 2,759,789 | . , , | \$ 3,210,365 | \$ 3,376,463 |
| | Distribution Charge | \$ 6,360,852 | \$ 6,432,436 | \$ 9,514,299 | \$ 9,538,348 | \$ 9,378,515 | \$ 9,391,867 | n/a | \$ 9,399,435 | n/a | \$ 9,503,477 | n/a | \$ 9,630,523 | \$ 9,628,489 | \$ 10,084,177 | \$ 10,907,843 | \$ 11,699,488 | \$ 12,351,478 / |
| Unmetered Scattered Load | Cust/Conn Charge | \$ 132,004 | \$ 136,119 | \$ 199,795 | \$ 140,231 | \$ 196,064 | \$ 135,053 | n/a | \$ 120,852 | n/a | \$ 122,186 | n/a | \$ 125,269 | \$ 157,354 | \$ 164,691 | , | \$ 189,986 | \$ 200,169 / |
| | Distribution Charge | \$ 2,396,711 | \$ 2,354,719 | \$ 3,191,971 | \$ 3,173,342 | \$ 3,413,257 | \$ 2,595,490 | n/a | \$ 2,497,342 | n/a | \$ 2,520,591 | n/a | \$ 2,548,149 | \$ 3,187,346 | \$ 3,342,086 | \$ 3,599,492 | \$ 3,854,924 | \$ 4,063,465 / |
| Total | Customer Charge | ,,, - | | | \$ 170,364,047 | | \$ 172,715,544 | n/a | \$ 174,286,262 | n/a | \$ 178,090,321 | n/a | \$ 182,086,563 | \$ 225,390,078 | \$ 239,140,620 | 1 - /- /- | , - , - | \$ 302,277,020 / |
| | Distribution Charge | . , , | \$ 327,286,857 | \$ 360,580,867 | \$ 361,286,339 | \$ 361,238,894 | \$ 363,803,690 | n/a | \$ 363,548,540 | n/a | \$ 364,909,555 | n/a | \$ 369,473,316 | \$ 447,871,955 | \$ 469,804,350 | . , , | \$ 538,783,592 | \$ 566,967,490 / |
| | Transformer Allowance | (12,113,709) | (11,747,881) | (11,718,646) | (11,830,170) | (11,479,841) | (12,024,926) |) n/a | (13,826,815) | n/a | (13,231,847) | n/a | (12,130,809) | (12,071,895) | (12,105,069) | (12,059,490) | (12,053,271) | (12,040,472) |
| Total Distribution Revenue | | \$ 482,234,908 | \$ 470,400,665 | \$ 518,721,240 | \$ 519,820,216 | \$ 522,074,126 | \$ 524,494,308 | n/a | \$ 524,007,987 | n/a | \$ 529,768,029 | n/a | \$ 539,429,070 | \$ 661,190,138 | \$ 696,839,901 | \$ 753,886,180 | \$ 809,892,584 | \$ 857,204,037 / |

²⁷ Notes

^{1.} Based on Approved rates for each rate year

^{29 2.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

Table 1: Weather-normalized Revenues by Class

| Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 | Col. 15 | Col. 16 | Col. 17 | Col. 18 | Col. 19 |
|-------------------------------|-----------------------------|------------------------|----------------|------------------------|----------------|------------------------|-------------|------------------------|----------------|------------------------|----------------|---------------------------|---------------------|----------------|----------------|----------------|-------------------|-----------------|
| | | 2009 Board Approved | 2009 Actuals | 2010 Board Approved | 2010 Actual | 2011 Board Approved | 2011 Actual | 2012 Board Approved | 2012 Actual | 2013 Board Approved | 2013 Actual | 2014 Board Approved | 2014 Bridge Year | 2015 Test Year | 2016 Test Year | 2017 Test Year | 2018 Test Year | 2019 Test Year |
| Residential | Customer Charge | \$125,425,779 \$ | 124,940,074 \$ | 136,520,338 | \$ 136,865,151 | \$ 138,422,132 \$ | 138,698,105 | n/a | \$ 140,362,973 | n/a | \$ 135,962,871 | n/a | \$ 138,526,315 | \$ 171,086,157 | \$ 179,452,345 | \$ 194,392,979 | \$ 208,741,762 | \$ 220,757,092 |
| | Distribution Charge | \$ 79,128,358 \$ | 73,954,741 \$ | 79,465,765 | \$ 81,443,462 | \$ 74,931,254 \$ | 77,757,097 | n/a | \$ 78,516,418 | n/a | \$ 75,960,256 | n/a | \$ 75,873,988 | \$ 92,993,471 | \$ 97,180,340 | \$ 103,777,545 | \$ 110,132,442 | \$ 115,299,286 |
| Competitive Sector Multi-Unit | Customer Charge | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | \$ 7,548,650 | n/a | \$ 9,201,697 | \$ 12,491,448 | \$ 15,782,826 | \$ 19,282,795 | \$ 23,193,208 | \$ 27,273,178 |
| Residential (CSMUR) | Distribution Charge | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | \$ 2,203,832 | n/a | \$ 4.497.642 | \$ 6.099.403 | \$ 7.647.902 | \$ 9.359.469 | \$ 11.246.891 | \$ 13,220,122 |
| GS <50 kW | Customer Charge | \$ 17,266,106 \$ | 17,235,623 \$ | 19,438,004 | \$ 19,453,474 | \$ 19,451,451 \$ | 19,714,238 | n/a | \$ 19,927,106 | n/a | \$ 20,387,603 | n/a | \$ 20,786,711 | \$ 25,863,635 | \$ 27,102,400 | \$ 29,325,699 | \$ 31,463,986 | |
| | Distribution Charge | \$ 50,964,660 \$ | 43,747,038 \$ | 50,530,656 | \$ 47,495,433 | \$ 47,706,409 \$ | 46,497,068 | n/a | \$ 48,143,141 | n/a | \$ 48,745,938 | n/a | \$ 48,947,300 | \$ 60,247,357 | \$ 62,513,362 | \$ 66,130,048 | \$ 69,371,386 | \$ 72,047,355 |
| GS 50-999 kW | Customer Charge | \$ 4,660,902 \$ | 4,864,615 \$ | 5,300,602 | \$ 5,558,497 | \$ 5,653,199 \$ | 5,557,346 | n/a | \$ 5,247,571 | n/a | \$ 5,191,170 | n/a | \$ 5,279,354 | \$ 6,457,308 | \$ 6,852,356 | \$ 7,509,860 | \$ 8,157,394 | \$ 8,720,825 |
| | Distribution Charge | \$132,526,828 \$ | 135,796,015 \$ | 149,998,264 | \$ 151,172,876 | \$ 151,961,388 \$ | 151,509,833 | n/a | \$ 151,059,744 | n/a | \$ 148,294,977 | n/a | \$ 152,151,564 | \$ 185,495,790 | \$ 194,397,449 | \$ 208,984,494 | \$ 223,386,303 | \$ 235,086,312 |
| | Tranformer Allowance | (3,304,560) | (3,223,774) | (3,317,373) | (3,299,101) | (3,265,076) | (3,570,178 |) n/a | (3,647,641) | n/a | (3,551,895) | n/a | (3,571,778) | (3,587,324) | (3,594,720) | (3,578,454) | (3,571,786) |) (3,565,882) |
| GS 1000-4999 kW | Customer Charge | \$ 4,550,112 \$ | 4,419,606 \$ | 4,149,424 | \$ 4,086,031 | \$ 4,296,929 \$ | 4,201,021 | n/a | \$ 4,142,557 | n/a | \$ 4,351,031 | n/a | \$ 3,742,449 | \$ 4,490,590 | \$ 4,717,128 | \$ 5,106,059 | \$ 5,480,437 | \$ 5,789,910 |
| | Distribution Charge | \$ 50,872,050 \$ | 48,362,568 \$ | 45,706,941 | \$ 45,015,926 | \$ 47,560,758 \$ | 47,686,318 | n/a | \$ 49,550,679 | n/a | \$ 50,386,320 | n/a | \$ 49,476,043 | \$ 58,834,247 | \$ 61,783,705 | \$ 66,548,020 | \$ 71,315,530 | \$ 75,133,989 |
| | Tranformer Allowance | (5,634,431) | (5,399,531) | (5,438,218) | (5,386,664) | (5,197,381) | (5,199,455 |) n/a | (6,829,082) | n/a | (6,335,174) | n/a | (5,337,927) | (5,302,746) | (5,325,112) | (5,310,981) | (5,314,965) |) (5,312,395) |
| Large Use | Customer Charge | \$ 1,573,308 \$ | 1,509,091 \$ | 1,643,460 | \$ 1,643,460 | \$ 1,720,709 \$ | 1,830,542 | n/a | \$ 1,903,764 | n/a | \$ 1,922,073 | n/a | \$ 1,793,738 | \$ 2,208,172 | \$ 2,309,085 | \$ 2,544,707 | \$ 2,725,127 | \$ 2,930,007 |
| | Distribution Charge | \$ 21,528,604 \$ | 21,531,890 \$ | 21,622,152 | \$ 22,897,102 | \$ 23,912,192 \$ | 26,061,123 | n/a | \$ 26,974,645 | n/a | \$ 26,125,976 | n/a | \$ 26,348,106 | \$ 31,385,852 | \$ 32,855,328 | \$ 35,314,436 | \$ 37,776,629 | \$ 39,765,482 |
| | Tranformer Allowance | (3,275,992) | (3,230,866) | (2,965,117) | , | (2,965,773) | (3,205,587 |) n/a | (3,467,187) | n/a | (3,316,997) | n/a | (3,221,105) | (3,181,825) | (3,185,237) | (3,170,055) | (3,166,520) | , ,, , , |
| Street Lighting | Service Charge (per device) | \$ 1,759,059 \$ | 1,756,561 \$ | 2,607,396 | | \$ 2,574,590 \$ | 2,579,240 | n/a | \$ 2,581,438 | n/a | \$ 2,604,738 | n/a | \$ 2,631,030 | \$ 2,635,414 | \$ 2,759,789 | \$ 2,984,721 | \$ 3,210,365 | \$ 3,376,463 |
| | Distribution Charge | \$ 6,360,852 \$ | 6,432,436 \$ | 9,514,299 | | \$ 9,378,515 \$ | 9,391,867 | n/a | \$ 9,399,435 | n/a | \$ 9,503,477 | n/a | \$ 9,630,523 | \$ 9,628,489 | \$ 10,084,177 | \$ 10,907,843 | , , , , , , , , , | , , , , , |
| Unmetered Scattered Load | Cust/Conn Charge | \$ 132,004 \$ | 136,119 \$ | 199,795 | | \$ 196,064 \$ | 135,053 | n/a | \$ 120,852 | n/a | \$ 122,186 | n/a | \$ 125,269 | | \$ 164,691 | \$ 177,502 | | |
| | Distribution Charge | \$ 2,396,711 \$ | 2,354,719 \$ | 3,191,971 | 1 -, -,- | \$ 3,413,257 \$ | 2,595,490 | n/a | \$ 2,497,342 | n/a | \$ 2,520,591 | n/a | \$ 2,548,149 | + -// | \$ 3,342,086 | \$ 3,599,492 | \$ 3,854,924 | , , , , , , , , |
| Total | Customer Charge | \$155,367,270 \$ | 154,861,689 \$ | 169,859,019 | , ,- | \$ 172,315,074 \$ | 172,715,544 | n/a | \$ 174,286,262 | n/a | \$ 178,090,321 | n/a | \$ 182,086,563 | | \$ 239,140,620 | \$ 261,324,322 | , - , - | \$ 302,277,020 |
| | Distribution Charge | \$ 343,778,064 | 332,179,406 \$ | 360,030,049 | | \$ 358,863,774 \$ | 361,498,795 | n/a | \$ 366,141,403 | n/a | \$ 363,741,367 | n/a | \$ 369,473,316 | , , , , | \$ 469,804,350 | \$ 504,621,347 | | |
| | Transformer Allowance | (12,214,983) | (11,854,172) | (11,720,707) |) (11,832,228) | (11,428,230) | (11,975,219 |) n/a | (13,943,910) | n/a | (13,204,066) | n/a | (12,130,809) | (12,071,895) | (12,105,069) | (12,059,490) | (12,053,271) |) (12,040,472) |
| Total Distribution Revenue | | \$ 486,930,351 | 475,186,924 \$ | 518,168,360 | \$ 519,268,309 | \$ 519,750,618 \$ | 522,239,120 | n/a | \$ 526,483,756 | n/a | \$ 528,627,622 | n/a | \$ 539,429,070 | \$ 661,190,138 | \$ 696,839,901 | \$ 753,886,180 | \$ 809,892,584 | \$ 857,204,037 |

27 Notes

^{28 1.} Based on Approved rates for each rate year

^{29 2.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

^{30 3.} Normalized to Test Year HDD and CDD

Tab 1 Schedule 1 Appendix E-3 Filed: 2014 Jul 31

Corrected: 2015 Jan 15 Page 1 of 1

Table 1: Variances - Revenues by Class

| Col. 1 | Col. 2 | | Col. 3 | | Col. 4 | Col. 5 | Col. 6 | Col. 7 | Col. 8 | | Col. 9 | Col. 10 | Col. 11 | Col. 12 | Col. 13 | Col. 14 |
|-----------------------------------|-----------------------------|-----|---|-----|--|--|---|---|-----------------------------------|-----------|--|--|--|--|--|--|
| 2 | | (n | 2010 Actual orm) vs 2009 ctual (norm) | | 1 Actual (norm) s 2010 Actual (norm) | 2011 Actual vs 2011 Board Approved | 2011 Actual (norm) vs 2011 Board Approved (norm) | 2012 Actual (norm) vs 2011 Actual (norm) | 2013 Actual (no 2012 Actual (n | iorm) vs | 2014 Bridge Year vs 2013 Actual (norm) | 2015 Test Year vs 2014 Bridge Year | 2016 Test Year vs 2015 Test Year | · 2017 Test Year vs 2016 Test Year | 2018 Test Year vs 2017 Test Year | 2019 Test Year vs 2018 Test Year |
| 3 Residential | Customer Charge | \$ | 11,925,077 | \$ | 1,832,954 | \$ 275,973 | \$ 275,973 | \$ 1,664,868 | -\$ 4,4 | 100,102 | \$ 2,563,444 | \$ 32,559,842 | \$ 8,366,188 | \$ 14,940,634 | \$ 14,348,782 | \$ 12,015,330 / |
| 4 | Distribution Charge | \$ | 7,488,721 | -\$ | 3,686,364 | \$ 2,825,843 | \$ 2,825,843 | \$ 759,320 | -\$ 2,5 | 556,161 - | \$ 86,268 | \$ 17,119,483 | \$ 4,186,870 | \$ 6,597,204 | \$ 6,354,897 | \$ 5,166,845 / |
| Competitive Sector Multi-Unit | Customer Charge | | n/a | | n/a | n/a | n/a | n/a | \$ 7,5 | 548,650 | \$ 1,653,047 | \$ 3,289,751 | \$ 3,291,378 | \$ 3,499,969 | \$ 3,910,413 | \$ 4,079,970 / |
| Residential (CSMUR) | Distribution Charge | | n/a | | n/a | n/a | n/a | n/a | \$ 2,2 | 203,832 | \$ 2,293,809 | \$ 1,601,762 | \$ 1,548,499 | \$ 1,711,566 | \$ 1,887,422 | \$ 1,973,231 / |
| 7 GS <50 kW | Customer Charge | \$ | 2,217,851 | \$ | 260,763 | \$ 262,787 | \$ 262,787 | \$ 212,868 | \$ 4 | 160,497 | \$ 399,109 | \$ 5,076,924 | \$ 1,238,765 | \$ 2,223,299 | \$ 2,138,286 | \$ 1,765,390 / |
| 8 | Distribution Charge | \$ | 3,748,395 | -\$ | 998,365 - | \$ 1,209,341 | -\$ 1,209,341 | \$ 1,646,073 | \$ 6 | 502,798 | \$ 201,362 | \$ 11,300,057 | \$ 2,266,005 | \$ 3,616,686 | \$ 3,241,338 | \$ 2,675,969 / |
| GS 50-999 kW | Customer Charge | \$ | 693,882 | -\$ | 1,151 - | \$ 95,852 | -\$ 95,852 | -\$ 309,775 | -\$ | 56,402 | \$ 88,184 | \$ 1,177,953 | \$ 395,048 | \$ 657,504 | \$ 647,534 | \$ 563,430 / |
| 0 | Distribution Charge | \$ | 15,376,861 | \$ | 336,958 - | \$ 513,303 | -\$ 451,555 | -\$ 450,089 | -\$ 2,7 | 764,767 | \$ 3,856,587 | \$ 33,344,227 | \$ 8,901,659 | \$ 14,587,045 | \$ 14,401,809 | \$ 11,700,010 / |
| 1 | Tranformer Allowance | -\$ | 75,326 | -\$ | 271,077 - | \$ 303,575 | -\$ 305,102 | -\$ 77,463 | \$ | 95,745 - | \$ 19,882 | -\$ 15,546 | -\$ 7,397 | \$ 16,267 | \$ 6,668 | \$ 5,903 / |
| 2 GS 1000-4999 kW | Customer Charge | -\$ | 333,574 | \$ | 114,989 - | \$ 95,908 | -\$ 95,908 | -\$ 58,464 | \$ 2 | 208,473 - | \$ 608,582 | \$ 748,141 | \$ 226,538 | \$ 388,931 | \$ 374,378 | \$ 309,473 / |
| 3 | Distribution Charge | -\$ | 3,346,641 | \$ | 2,670,391 | \$ 112,193 | \$ 125,559 | \$ 1,864,361 | \$ 8 | 335,641 - | \$ 910,276 | \$ 9,358,203 | \$ 2,949,458 | \$ 4,764,315 | \$ 4,767,509 | \$ 3,818,459 / |
| 4 | Tranformer Allowance | \$ | 12,868 | \$ | 187,209 - | \$ 1,086 | -\$ 2,074 | -\$ 1,629,627 | \$ 4 | 193,908 | \$ 997,247 | \$ 35,180 | -\$ 22,365 | \$ 14,130 | -\$ 3,984 | \$ 2,571 / |
| 5 Large Use | Customer Charge | \$ | 134,369 | \$ | 187,081 | \$ 109,833 | \$ 109,833 | \$ 73,222 | \$ | 18,309 - | \$ 128,334 | \$ 414,433 | \$ 100,913 | \$ 235,622 | \$ 180,420 | \$ 204,881 / |
| 6 | Distribution Charge | \$ | 1,365,212 | \$ | 3,164,020 | \$ 2,153,820 | \$ 2,148,931 | \$ 913,522 | -\$ 8 | 348,669 | \$ 222,130 | \$ 5,037,745 | \$ 1,469,476 | \$ 2,459,108 | \$ 2,462,193 | \$ 1,988,853 / |
| 7 | Tranformer Allowance | \$ | 84,402 | -\$ | 59,123 - | \$ 240,424 | -\$ 239,814 | -\$ 261,600 | \$ 1 | 150,190 | \$ 95,892 | \$ 39,280 | -\$ 3,413 | \$ 15,182 | \$ 3,535 | \$ 4,325 / |
| 8 Street Lighting | Service Charge (per device) | \$ | 860,640 | -\$ | 37,962 | \$ 4,650 | \$ 4,650 | \$ 2,199 | \$ | 23,300 | \$ 26,291 | \$ 4,384 | \$ 124,375 | \$ 224,932 | \$ 225,643 | \$ 166,098 / |
| 9 | Distribution Charge | \$ | 3,105,912 | -\$ | 146,482 | \$ 13,352 | \$ 13,352 | \$ 7,569 | \$ 1 | 104,041 | \$ 127,047 | -\$ 2,034 | \$ 455,688 | \$ 823,666 | \$ 791,645 | \$ 651,990 / |
| o Unmetered Scattered Load | Cust/Conn Charge | \$ | 4,112 | -\$ | 5,178 - | \$ 61,011 | -\$ 61,011 | -\$ 14,200 | \$ | 1,334 | \$ 3,083 | \$ 32,085 | \$ 7,337 | \$ 12,811 | \$ 12,483 | \$ 10,183 / |
| 1 | Distribution Charge | \$ | 818,623 | -\$ | 577,852 - | \$ 817,768 | -\$ 817,768 | -\$ 98,148 | \$ | 23,249 | \$ 27,559 | \$ 639,197 | \$ 154,740 | \$ 257,406 | \$ 255,432 | \$ 208,541 / |
| ² Total | Customer Charge | \$ | 15,502,358 | \$ | 2,351,497 | \$ 400,471 | \$ 400,471 | \$ 1,570,718 | \$ 3,8 | 304,060 | \$ 3,996,242 | \$ 43,303,515 | \$ 13,750,542 | \$ 22,183,702 | \$ 21,837,941 | \$ 19,114,756 / |
| 3 | Distribution Charge | \$ | 28,557,084 | \$ | 762,306 | \$ 2,564,796 | \$ 2,635,021 | \$ 4,642,608 | -\$ 2,4 | 100,037 | \$ 5,731,949 | \$ 78,398,640 | \$ 21,932,394 | \$ 34,816,998 | \$ 34,162,244 | \$ 28,183,898 / |
| 4 | Transformer Allowance | \$ | 21,944 | -\$ | 142,991 - | \$ 545,085 | -\$ 546,990 | -\$ 1,968,691 | \$ 7 | 739,844 | \$ 1,073,257 | \$ 58,915 | -\$ 33,175 | \$ 45,579 | \$ 6,219 | \$ 12,799 / |
| 5 6 Total Distribution Revenue | | \$ | 44,081,385 | \$ | 2,970,811 | \$ 2,420,182 | \$ 2,488,502 | \$ 4,244,636 | \$ 2,1 | 143,867 | \$ 10,801,447 | \$ 121,761,069 | \$ 35,649,762 | \$ 57,046,279 | \$ 56,006,404 | \$ 47,311,453 / |

²⁷ Notes

^{28 1.} Based on Approved rates for each rate year except for test years

^{2.} Test years based on proposed rates for each rate year

^{29 3.} CSMUR rate class implementation date - Jun 01, 2013. Prior years were included in Residential class.

Toronto Hydro-Electric System Limited
EB-2014-0116
Exhibit 3
Tab 1
Schedule 1
Appendix F-1
ORIGINAL

Page 1 of 1

Table 1: Alternative Weather Forecast - 20-Year Trend

| 1 | Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 |
|----|-------------|-----------------|-------------------|--------------|-----------|
| 2 | | | | | |
| 3 | | Heating Degi | ree Days 10 | Cooling De | gree Days |
| | | 10-Year | 20-Year | 10-Year | 20-Year |
| 4 | Year | Average | Trend | Average | Trend |
| 5 | 2014 | 1,824.6 | 1,725.6 | 375.3 | 415.5 |
| 6 | 2015 | 1,824.6 | 1,711.8 | 375.3 | 421.2 |
| 7 | 2016 | 1,838.8 | 1,711.4 | 375.3 | 426.8 |
| 8 | 2017 | 1,824.6 | 1,684.2 | 375.3 | 432.4 |
| 9 | 2018 | 1,824.6 | 1,670.4 | 375.3 | 438.1 |
| 10 | 2019 | 1,824.6 | 1,656.6 | 375.3 | 443.7 |
| 11 | | | | | |
| 12 | Notes: | | | | |
| 13 | 1. 10-Year | Average calcula | ated over 2004- | 2013 | |
| 14 | 2. Trend fo | recast based o | n linear trend fr | om 1994-2013 | |
| 15 | | | | | |

Toronto Hydro-Electric System Limited

EB-2014-0116

Exhibit 3

Tab 1

Schedule 1

Appendix F-2 Filed: 2014 Jul 31

Corrected: 2014 Sep 23

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Table 1: Alternative Weather Forecast - Load Forecast

| | Col. 1 | Col. 2 | Col. 3 | Col. 4 | |
|----|--------|-------------------|------------------|----------|----|
| 1 | | | | | |
| 2 | | | | | |
| | | Assuming 10-Year | Assuming 20-Year | | |
| 3 | | Average HDD & CDD | Trend HDD & CDD | Variance | |
| 4 | Year | GWh | GWh | % | |
| 5 | 2014 | 25,018.5 | 25,012.1 | 0.0% | /C |
| 6 | 2015 | 24,993.3 | 24,986.1 | 0.0% | /C |
| 7 | 2016 | 25,027.4 | 25,018.5 | 0.0% | /C |
| 8 | 2017 | 24,841.6 | 24,832.9 | 0.0% | /C |
| 9 | 2018 | 24,696.9 | 24,687.4 | 0.0% | /C |
| 10 | 2019 | 24,611.4 | 24,601.0 | 0.0% | /C |
| 11 | | | | | |

/C

REVENUE OFFSETS

2

1

1. INTRODUCTION

- 4 In addition to revenues recovered through distribution rates, Toronto Hydro earns other
- 5 revenue from non-distribution related services, property and facility rentals, specific
- 6 service charges from services provided to customers, and short-term investment income.
- 7 Toronto Hydro also receives income and recoveries from shared services that it provides
- 8 to its affiliates. With the transfer of former street-lighting assets into Toronto Hydro's
- 9 ratebase (refer to Exhibit 2A, Tab 5), Toronto Hydro will also be receiving a portion of
- contract revenue from the City of Toronto to offset the maintenance costs of these assets.
- Together, these revenues form Toronto Hydro's Revenue Offsets. These revenues are
- broken out into the following sub-categories as summarized in Table 1 below.

13 14

Table 1: Revenue Offsets Summary

| Description | Actual Year 2011 | Actual Year 2012 | Actual Year 2013 | Bridge Year 2014 | Test Year 2015 |
|---|---------------------|---------------------|---------------------|---------------------|-------------------|
| Specific Service Charges Excluding Pole Attachment (4235) | \$5.7 | \$6.3 | \$6.4 | \$6.4 | \$9.8 |
| Late Payment Charge (4225) | \$4.2 | \$4.0 | \$3.8 | \$4.0 | \$4.0 |
| Other Distribution Revenue Excluding Duct Rental (4082,4084,4090,4210,4215,4220) | \$3.9 | \$3.7 | \$3.7 | \$3.4 | \$11.5 |
| Other Income & Deductions Including Pole Attachments (4210, 4235, 4324, 4325,4330,4335,4355,4375,4398,4405) | \$18.8 | \$5.3 | \$11.5 | \$12.0 | \$20.7 |
| Total Revenue Offset | \$32.6 | \$19.4 | \$25.4 | \$25.7 | \$46.1 |

- 15 A complete breakdown of the Revenue Offsets accounts is shown in OEB Appendix 2-H
- Other Operating Revenue (Exhibit 3, Tab 2, Schedule 2).

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18

2. REVENUE FROM SPECIFIC SERVICE CHARGES

- 19 Toronto Hydro charges user fees for certain services. Some of these services, such as
- account setup, are provided at the customers' request. Others result from Toronto

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/C

- 1 Hydro's business operations, such as collection fees resulting from customers' non-
- 2 payment of bills. To account for the passage of time and changing business
- 3 requirements, Toronto Hydro has proposed to update its specific service charges for
- 4 2015, as detailed in Exhibit 8, Tab 2. Excluding pole attachments, Toronto Hydro
- 5 expects its revenue from service charges to increase by approximately \$2.4 million in
- 6 2015.

7

- 8 The historic variance between 2011 and 2012 is primarily due to the billing system
- 9 conversion in 2011, which delayed the processing of various collection activities from
- 10 2011 into 2012.

11 12

3. LATE PAYMENT CHARGES

- Late payment charges are applied on overdue customer balances in accordance with all
- applicable regulations. Based on historical trends, annual late payment charges are
- expected to be stable and remain consistent with historical amounts.

16

17

4. OTHER DISTRIBUTION REVENUE

- 18 Other Distribution Revenue includes revenues from SSS Administration Charges and
- 19 Retail Service Charges. Beginning in 2015, Other Distribution Revenue will also include
- 20 partial revenues allocated from Toronto Hydro's contract with the City of Toronto for the
- maintenance of former street-lighting assets being transferred into ratebase (refer to
- 22 Exhibit 2A, Tab 5 for details). This transfer results in an \$8.1 million increase to the
- forecast 2015 amount.

24

25

5. OTHER INCOME

- Toronto Hydro also earns revenue by providing services to customers and third parties,
- through gains on the sale of scrap metal, and gains on the disposal of utility property. As
- well, Toronto Hydro earns income and recoveries by providing shared services to its

- affiliates and through interest income from short-term investments of its idle cash
- 2 balances.
- 3
- 4 Toronto Hydro divides its Other Income into the following four categories:
- Merchandise and Jobbing
 - Gains from Sale of Utility Properties
- Shared Services Income and Recoveries
- Interest Income from Short-Term Investment

9

10

15

6

5.1. Merchandise and Jobbing

- Some Toronto Hydro business units provide services to customers and third parties for a
- fee. These services exclude those covered by the various Specific Service Charges
- approved by the OEB, and are generally comprised of the following activities:
- Customer requests for isolation, protection and temporary removals of lines;
 - Repair of damaged distribution plant to be reimbursed by third parties;
- Maintenance of third party facilities located within Toronto Hydro property;
- Rental income charged for pole attachments;
 - Rental income derived from Toronto Hydro properties such as ducts; and
- Gains on sale of scrap metal

20

18

A breakdown of merchandise and jobbing components are shown in Table 2 below:

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Table 2: Merchandise and Jobbing Summary

| | Col. 1 | Col. 2 | Col. 3 | Col. 4 | Col. 5 | Col. 6 | |
|----|--------------------------|------------|------------|------------|------------|------------|----|
| | | 2011 | 2012 | 2013 | 2014 | 0045 To 4 | |
| | _ | Actual | Actual | Actual | Bridge | 2015 Test | 1 |
| 1 | Revenue | | | | | | |
| 2 | Line Hose Removal | (5.3) | - | - | - | - | |
| 3 | Isolation | 548.9 | 709.4 | 368.8 | 319.7 | 665.9 | /C |
| 4 | Temp Service Contruction | 2,754.7 | 4,006.8 | 1,598.1 | 1,583.1 | 1,764.6 | /C |
| 5 | Customer Services | 5,738.7 | 381.3 | 2,983.3 | 3,460.6 | 3,168.0 | /C |
| 6 | Scrap Sales | 5,378.1 | 3,066.5 | 4,182.0 | 3,600.0 | 2,520.0 | |
| 7 | Accident Claims | 2,382.6 | 2,690.8 | 2,092.0 | 1,567.6 | 1,299.6 | /C |
| 8 | Pole & Duct Rental | 7,292.1 | 9,484.8 | 9,609.3 | 10,740.8 | 19,477.4 | |
| 9 | Other | 870.8 | 589.8 | 1,289.2 | 592.2 | 485.3 | /C |
| 10 | Total | 24,960.6 | 20,929.3 | 22,122.8 | 21,864.0 | 29,380.9 | /C |
| 11 | Expenses | | | | | | |
| 12 | Line Hose Removal | (34.7) | (4.5) | (17.0) | - | - | |
| 13 | Isolation | (599.2) | (791.0) | (416.2) | (243.2) | (579.5) | /C |
| 14 | Temp Service Contruction | (3,368.0) | (3,673.0) | (1,401.7) | (1,449.4) | (1,372.0) | /C |
| 15 | Customer Services | (3,954.5) | (2,543.1) | (2,521.2) | (2,896.2) | (2,478.5) | /C |
| 16 | Scrap Sales | (1,666.5) | (1,124.6) | (898.9) | (1,139.7) | - | /C |
| 17 | Accident Claims | (1,823.0) | (1,928.4) | (1,761.0) | (1,363.2) | (1,110.8) | /C |
| 18 | Pole & Duct Rental | (2,906.3) | (7,082.2) | (4,405.8) | (6,942.6) | (6,942.6) |) |
| 19 | Other | (114.4) | (426.9) | (771.8) | (317.8) | (225.0) | /C |
| 20 | Total | (14,466.5) | (17,573.7) | (12,193.6) | (14,352.0) | (12,708.5) |) |
| 21 | Net Revenue | | | | | | |
| 22 | Line Hose Removal | (40.0) | (4.5) | (17.0) | - | - | |
| 23 | Isolation | (50.3) | (81.6) | (47.4) | 76.5 | 86.4 | /C |
| 24 | Temp Service Contruction | (613.3) | 333.8 | 196.4 | 133.7 | 392.6 | /C |
| 25 | Customer Services | 1,784.3 | (2,161.7) | 462.1 | 564.4 | 689.5 | /C |
| 26 | Scrap Sales | 3,711.6 | 1,942.0 | 3,283.1 | 2,460.3 | 2,520.0 | /C |
| 27 | Accident Claims | 559.6 | 762.3 | 331.0 | 204.5 | 188.8 | /C |
| 28 | Pole & Duct Rental | 4,385.8 | 2,402.6 | 5,203.5 | 3,798.1 | 12,534.8 | |
| 29 | Other | 756.4 | 162.8 | 517.5 | 274.4 | 260.3 | /C |
| 30 | Total | 10,494.1 | 3,355.6 | 9,929.2 | 7,512.0 | 16,672.4 | /C |

- 2 The revenues and expenses from Merchandise and Jobbing vary significantly from year
- 3 to year, depending on the number and type of activities requested by customers. As such,

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variances between 2011 to 2013 mainly reflect changes in customer demand. Forecast of 1 the activities, revenues and expenses in 2014 and 2015 are based on historical experience 2 and any forecast identified changes. 3 4 The variance from pole attachment and duct rental between 2011 and 2012 is mainly due 5 to the increase in the number of poles and ducts rented in 2012 in comparison to 2011, and the creation of the Assets Attachments department in August 2011 to facilitate the 7 increase in customer demand. For 2015, Toronto Hydro has proposed to update its pole 8 attachment rental fee, as detailed in Exhibit 8, Tab 2. As a result, the Pole Attachments 9 revenue is expected to increase from \$2.3 million, to approximately \$6.7 million. 10 Additional increases are expected from higher forecast duct rentals. 11 12 Toronto Hydro generates income from the sale of scrap metal materials. Scrap metals are 13 sold at market rates and any revenue depends on the strength of the market at the time of 14 disposition and the volume of scrap that is available for processing. Variances between 15 2011 to 2013 are mainly a reflection of the volume of scrap available for sale. The net 16 revenue that is projected for scrap metal sales in 2014 is reflective of historical trends. 17 By the last quarter of 2014, Toronto Hydro expects to outsource the processing and 18 selling of scrap metal materials to a third party. Proceeds of the sale net of vendor's cost 19 of disposing the scrap metal materials will be remitted to Toronto Hydro. As a result of 20 this new processing approach, Toronto Hydro expects the revenue from scrap sales to 21 decrease in 2015, with a corresponding reduction in costs. 22 23 Other variances related to Merchandise and Jobbing net revenues are primarily due to the 24 one-time pass-through Special Purpose Charge collected on behalf of the Ministry of 25 Energy and Infrastructure in 2011 for energy conservation and renewal programs of \$3.1 26 million, the write-off in 2012 of uncollectible revenues related to 2010 to 2011 accrued 27

- revenues of \$2.1 million, and a forecast increase of \$0.5 million in each of 2014 and 2015
- 2 for telecom and network services provided to Hydro One.

3

5.2. Gains from Sale of Utility Properties

5 THESL disposes of obsolete facilities and real estate on a periodic basis.

6

- 7 In 2011, gains of \$3.9 million primarily resulted from the following:
- 8 the disposal of Toronto Hydro idle properties such as Fairside, Mimico, Ontario, Milvan,
- 9 Kingston Road, Algie, Windsor South, Whitbread, Evans Avenue, Pottery Road and
- Sterling Road; and the recognition of \$1.4 million in actual gains from the sale of certain
- named properties as part of the OEB's Decision in THESL's EB-2010-0142 rate
- 12 application.

13

- In 2012, gains of \$1.8 million primarily resulted from the disposal of Toronto Hydro idle
- properties such as Cherry St., St. Clair Pharmacy, Upperhighland and Cummer Avenue.

16

- In 2013, gains of \$1.3 million primarily resulted from the disposal of Toronto Hydro idle
- properties such as 3077 Kingston Rd., 104A Hollis Avenue, 327 Cedarvale Avenue, 450
- 19 Commissioners St and 88 North Queen Rd.

20

- In 2014, gains of \$0.5 million are expected primarily as a result of the expected disposal
- of Toronto Hydro idle properties at 10 Gamble Avenue and 1255 York Mills Rd.

23

- In 2015, Toronto Hydro expects to sell idle properties at 5800 Yonge and 28
- 25 Underwriters. Given the relatively large value of these properties, these gains are not
- 26 recorded as part of revenue offsets, but are proposed to be treated as regulatory liabilities
- to be refunded to customers over a multi-year period. The details of this proposed
- clearance is further discussed in Exhibit 8, Tab 1, Schedule 1.

5.3. Shared Services Income and Recoveries

- 2 Toronto Hydro provides shared services to its affiliates and receives income and
- 3 recoveries based on transfer prices, which are determined based on ARC requirements.
- 4 Details on shared services are further provided in Exhibit 4A, Tab 5 Shared Services.

6 5.4. Interest Income from Short-Term Investment

1

5

- 7 Toronto Hydro actively manages idle working capital cash balances by investing excess
- 8 cash in low risk Canadian and U.S. money market instruments. The interest earned from
- 9 cash management reduces Toronto Hydro's long-term and short-term interest expense
- and since it is an offset to overall distribution revenue, other things being equal,
- ratepayers benefit from lower overall rates than in the absence of such a revenue offset.
- Variances between 2011 and 2012 are mainly due to a higher cash balance in 2011 in
- comparison to 2012 as a result of significant capital spending throughout 2011.
- 15 Variances between 2012 and 2013 are mainly due to the early refinancing of notes
- payable, which matured in May 2013, with a new notes issuance on April 2013 creating
- excess cash to be invested until the maturing notes were repaid. Variances between 2013
- to 2015 are mainly due to the forecasted capital spending combined with diligent
- liquidity management resulting in lower cash balances for 2014 and 2015.

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Schedule 2

OEB Appendix 2-H: Other Operating Revenues

| | Col. 1 | Col. 2 | | | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | _ |
|----|--------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----|
| | | | _ | | | | | 2014 | 2015 | |
| | Uniform System of | | Expense | Reported | 2011 | 2012 | 2013 | Bridge | Test | |
| 2 | Account # | Description | Element | OEB Acc't | Actual | Actual | Actual | | | ĺ |
| 3 | Other Distribution rever | | | | | | | | | ı |
| 4 | 4082 | Retailers' Fixed charge | 1029 | | \$5.2 | \$5.3 | \$5.6 | \$5.5 | \$5.5 | |
| 5 | | Retailers' Variable Charge | 1031 | | \$484.7 | \$393.3 | \$320.4 | \$300.0 | \$300.0 | |
| 6 | 4082 | Distributor Consolidated Billing (DCB) Charges | 1033 | 4082 | \$277.6 | \$225.0 | \$180.8 | \$171.0 | \$171.0 | |
| 7 | 4082 | Retail Consolidated Billing (RCB) Credit | 1035 | 4082 | -\$11.0 | -\$8.7 | -\$8.5 | -\$8.6 | -\$8.6 | |
| 8 | 4082 | Other Retailer Service fees | 1047 | 4082 | \$0.2 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | |
| 9 | 4084 | Retailer Service Transaction Request | 1039 | 4084 | \$8.2 | \$9.6 | \$9.3 | \$6.8 | \$9.6 | /C |
| 10 | 4084 | Retailer Service Transaction Processing | 1041 | 4084 | \$12.3 | \$12.7 | \$11.4 | \$13.0 | \$13.0 | |
| 11 | 4090 | SSS Admin Charge | 1071 | 4090 | \$1,993.5 | \$2,021.3 | \$2,099.8 | \$2,115.0 | \$2,115.0 | |
| 12 | 4210 | Misc Revenue | 1206 | 4210 | \$0.0 | \$106.6 | \$26.6 | \$0.0 | \$0.0 | |
| 13 | 4210 | Parking Rental | 1303 | 4210 | \$6.6 | \$8.0 | \$35.2 | \$0.0 | \$0.0 | |
| 14 | 4210 | Miscellaneous Rent | 1304 | 4210 | \$0.4 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | |
| 15 | 4210 | Interval Meter Phone Line Charges | 1305 | 4210 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | |
| 16 | 4210 | Property Rental | 1308 | 4210 | \$15.0 | \$16.6 | \$24.9 | \$0.0 | \$0.0 | |
| 17 | 4215 | TTC Rectification | 1204 | 4215 | \$303.9 | \$303.9 | \$303.9 | \$303.9 | \$303.9 | |
| 18 | 4215 | Misc Revenue | 1206 | 4215 | \$16.1 | \$14.0 | \$0.6 | \$0.0 | \$0.0 | |
| 19 | 4215 | Settlement Discounts Taken | 1400 | 4215 | \$249.3 | \$277.4 | \$250.0 | \$200.0 | \$200.0 | |
| 20 | 4215 | Stale Dated Cheques | 1409 | 4215 | \$506.9 | \$352.4 | \$443.4 | \$250.0 | \$350.0 | |
| 21 | 4220 | Street Lighting | 1132/1202 | 4220 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$8,084.9 | |
| 22 | Late Payment Charges | | | - | | | | | | |
| 23 | 4225 | Late Payment Charges | 1055 | 4225 | \$4,220.9 | \$4,047.1 | \$3,827.3 | \$4,000.0 | \$4,000.0 | ĺ |
| 24 | Specific Service Charge | s | _ | _ | | | | | | |
| 25 | 4235 | Account Set Up Charge | 1027 | 4235 | \$2,676.6 | \$2,816.1 | \$2,740.6 | \$2,550.0 | \$3,811.9 | /C |
| 26 | 4235 | Special Meter Read | 1051 | 4235 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | |
| 27 | 4235 | NSF Collection Charges | 1057 | 4235 | \$91.4 | \$81.9 | \$68.8 | \$75.0 | \$113.9 | /C |
| 28 | 4235 | Collection Service Charges | 1059 | 4235 | \$2,566.4 | \$3,026.3 | \$3,075.5 | \$3,300.0 | \$4,969.1 | /C |
| 29 | 4235 | Connection-Reconnection Charge | 1061 | 4235 | \$231.3 | \$336.2 | \$476.7 | \$444.0 | \$859.3 | /C |
| 30 | 4235 | Easement Letter | 1064 | 4235 | \$19.3 | \$18.8 | \$21.4 | \$0.0 | \$23.1 | /C |
| 31 | 4235 | Duplicate Invoices for previous billing | 1065 | 4235 | \$6.5 | \$7.7 | \$5.0 | \$5.7 | \$2.9 | /C |
| 32 | 4235 | Income Tax Letter | 1066 | 4235 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | |
| 33 | 4235 | Request for Other Billing or System Information | TBD | 4235 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$31.0 | /C |
| 34 | 4235 | Account History Service Call - Customer Owned equipment or | TBD | 4235 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$6.0 | /C |
| 35 | 4235 | customer missed appointment | TBD | 4235 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$2.0 | |
| 36 | 4235 | Misc Revenue | 1206 | 4235 | \$90.6 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | l |
| | = | - | - | • | | | | | • | • |

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| Col. 1 | Col. 2 | | | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 |
|--------------------------------|---------------------------------|--------------------|-----------------------|----------------|----------------|----------------|----------------|--------------|
| Uniform System of Account # | Description | Expense Element | Reported OEB Acc't | 2011 Actual | 2012 Actual | 2013 Actual | 2014 Bridge | 2015 Test |
| Other Income and Dedu | ctions | | | | | | | |
| 4324 | Special Purpose Charge Recovery | 1220 | 4324 | \$3,050.5 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | Special Meter Reads | 1051 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | Consumer Trouble | 1053 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | TTC Rectification | 1204 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | Misc Revenue | 1206 | 4325 | \$14,740.4 | \$8,587.9 | \$11,822.2 | \$11,017.2 | \$11,657.2 |
| | Misc Revenue (Excl AG22) | -1206 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | | | | | | | |

| 37 Other In | ncome and Dedu | ctions | | | | | | | |
|-------------|----------------|---|---------|------|-------------|-------------|-------------|-------------|---------------------|
| 38 | 4324 | Special Purpose Charge Recovery | 1220 | 4324 | \$3,050.5 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Special Meter Reads | 1051 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Consumer Trouble | 1053 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | TTC Rectification | 1204 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Misc Revenue | 1206 | 4325 | \$14,740.4 | \$8,587.9 | \$11,822.2 | \$11,017.2 | \$11,657.2 / |
| | | Misc Revenue (Excl AG22) | -1206 | 4325 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | EHS Consulting Revenue | 1209 | 4325 | \$5.0 | -\$5.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Plant Relocates | 1210 | 4325 | \$430.4 | \$432.5 | \$31.9 | \$0.0 | \$0.0 / |
| | | Line Hose Removal/Install | 1212 | 4325 | -\$5.3 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Temporary Service Construction | 1214 | 4325 | \$2,754.7 | \$4,006.8 | \$1,598.1 | \$1,583.1 | \$1,764.6 / |
| | | Plant Removals/Demo | 1216 | 4325 | \$102.2 | \$301.3 | \$174.4 | \$0.0 | \$0.0 |
| | | Other Banner Revenue | 1218 | 4325 | \$325.1 | \$55.5 | \$47.5 | \$0.0 | \$0.0 |
| | | Other Banner Revenue | 1218 | 4235 | \$0.0 | \$0.0 | \$0.0 | \$215.3 | \$215.3 |
| | | Duct Rental | 1301 | 4210 | \$4,620.5 | \$5,261.2 | \$6,000.0 | \$6,743.7 | \$6,743.7 |
| | | Pole Attachment Rental | 1302 | 4235 | \$1,987.6 | \$2,256.1 | \$2,133.4 | \$0.0 | \$0.0 |
| | | Pole Attachment Rental | 1302 | 4210 | \$0.0 | \$0.0 | \$0.0 | \$2,304.6 | \$9,000.0 |
| | | Trades Training | 1207 | 4325 | \$0.0 | \$0.0 | \$64.0 | \$0.0 | \$0.0 |
| | | Trades Training | 1207 | 4375 | \$0.0 | \$33.0 | \$251.5 | \$0.0 | \$0.0 |
| | | Shared Serv Recovery | 9949 | 4375 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| 39 | 4325 | Merchandise and Jobbing Revenue | various | 4325 | \$24,960.6 | \$20,929.3 | \$22,122.8 | \$21,864.0 | \$29,380.9 / |
| | | Merchandise and Jobbing Costs | 2901 | 4330 | -\$14,466.5 | -\$17,573.7 | -\$12,193.6 | -\$14,352.0 | -\$12,708.5 |
| | | Cost Of Value Added Services | 2906 | 4330 | \$0.0 | -\$2.3 | \$0.0 | \$0.0 | \$0.0 |
| 40 | | Merchandise and Jobbing Costs | 2901 | 4330 | -\$14,466.5 | -\$17,576.0 | -\$12,193.6 | -\$14,352.0 | -\$12,708.5 |
| 41 | | Gain/Loss on disposals | 1501 | 4355 | -\$164.5 | \$989.9 | \$17.9 | \$0.0 | \$0.0 |
| 42 | 4335 | Gain/Loss on disposals | 1501 | 4335 | \$0.0 | \$0.0 | -\$17.9 | \$0.0 | \$0.0 |
| 43 | 4375 | Gain/Loss on disposals | 1501 | 4375 | \$164.5 | -\$989.9 | \$0.0 | \$0.0 | \$0.0 |
| 44 | 4375 | Shared Services Recovery | 9949 | 4375 | \$0.0 | \$0.0 | \$0.0 | \$3,381.2 | \$3,399.5 |
| 45 | 4355 | Gain on Disposition of Utility and Other Property | 9601 | 4355 | \$3,885.3 | \$1,804.8 | \$1,279.6 | \$453.5 | \$0.0 |
| | | Gain/Loss On Foreign Exch | 7501 | 4398 | \$53.5 | -\$292.7 | -\$778.9 | \$0.0 | \$0.0 |
| | | Foreign Exchange Conversion | 7505 | 4398 | \$50.5 | \$212.5 | -\$129.3 | \$0.0 | \$0.0 |
| 46 | 4398 | Foreign Exchange Gain/(Loss) | 7505 | 4398 | \$104.1 | -\$80.2 | -\$908.2 | \$0.0 | \$0.0 |
| | | Dividend Income | 1606 | 4405 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| | | Investment Int Income | 1608 | 4405 | \$1,267.8 | \$221.3 | \$1,183.4 | \$660.0 | \$660.0 |
| | | Regulated Assets Cchgs-Revenue | 1613 | 4405 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 / |
| 47 | 4405 | Investment Interest Income | 1608 | 4405 | \$1,267.8 | \$221.3 | \$1,183.4 | \$660.0 | \$660.0 / |

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| | Col. 1 | Col. 2 | | | Col. 3 | Col. 4 | Col. 5 | Col. 6 | Col. 7 | |
|----|--|--|--------------------|-----------------------|----------------|----------------|----------------|----------------|--------------|----|
| 2 | Uniform System of Account # | Description | Expense Element | Reported OEB Acc't | 2011 Actual | 2012 Actual | 2013 Actual | 2014 Bridge | 2015 Test | |
| | | | | | | | | | | |
| | Specific Service Charge Excluding Pole Attachm | | various | 3 | \$5,682.0 | \$6,287.1 | \$6,388.0 | \$6,374.7 | \$9,819.2 | /C |
| 49 | Late Payment Charge (4 | 225) | various | 3 | \$4,220.9 | \$4,047.1 | \$3,827.3 | \$4,000.0 | \$4,000.0 | |
| | Other Distribution Reve (4082,4084,4090,4210,42 | nue Excluding Duct Rental 115,4220) | various | | \$3,869.0 | \$3,737.4 | \$3,703.3 | \$3,356.6 | \$11,544.3 | /C |
| | | ons Including Pole Attachments 4330,4335,4355,4375,4398,4405) | various | 3 | \$18,801.8 | \$5,299.3 | \$11,484.1 | \$12,006.7 | \$20,731.8 | /C |
| 52 | Total Revenue Offset | | | | \$32,573.7 | \$19,370.8 | \$25,402.6 | \$25,738.0 | \$46,095.3 | /C |