Empirical Research in Support of Incentive Rate-Setting: 2023 Benchmarking Update

Report to the Ontario Energy Board

July 2024



Pacific Economics Group Research, LLC

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1. Introduction

In 2013, the Ontario Energy Board (OEB) issued a report titled "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors" (Board Report) in which it set forth the framework for setting rate adjustment formulas for local distribution companies (LDCs or "distributors"). The Board Report provides the OEB's final determination on its policies and approaches to the distributor rate adjustment parameters and the benchmarking of electricity distributor total cost performance. This 2023 Benchmarking Update determines the 2024 stretch factor assignments for distributors in relation to the 2025 rate year.

According to the Board Report, rates will be indexed by a formula "which is used to adjust the distribution rates to reflect expected growth in the distributors' input prices (the inflation factor) less allowance for appropriate rates of productivity and efficiency gains (the X-factor)."² The productivity part of the X-Factor is the same for all LDCs. The efficiency gains part of the X-Factor is called the stretch factor and can vary by company. This stretch factor reflects the potential for incremental productivity gains by a given LDC under incentive regulation (i.e., incentive rate mechanism or IRM) which in turn depends on an individual distributor's level of cost efficiency.

These stretch factor assignments are based on the results of a statistical cost benchmarking study designed to make inferences on individual distributors' cost efficiency. An econometric model is used to predict the level of cost associated with each distributor's own operating conditions. Distributors that achieved an actual cost lower than the cost predicted by the model were assigned lower stretch factors than those that did not. The October 18, 2013 report by Pacific Economics Group (PEG) titled "Productivity and Benchmarking Research in Support of Incentive Rate Setting in Ontario" describes the model used to produce the benchmarking results. The work was subsequently updated to include 2013 data in July of 2014³ and has been updated each year since. This report presents updated benchmarking results that incorporate 2023 data to update the stretch factors.

¹ Issued on November 21, 2013 and corrected on December 4, 2013.

² Board Report, page 5.

³ "Empirical work in Support of Incentive Rate Setting: 2013 Benchmarking Update".

Section 2 of this report discusses the methodology used for the 2023 update. Section 3 discusses the data used. Section 4 presents the benchmarking results and updated stretch factors. Section 5 discusses additional resources available to distributors to validate the results contained in this report.

2. Benchmarking Methodology

The model used to determine the cost efficiency of distributors is based on econometrics. Distributor cost in this model is estimated as a function of business conditions faced by each distributor. These business conditions include the number of customers served and the price of inputs such as labour and capital. The parameters of this model establish the relationship between each business condition and distributor cost. These parameters were estimated using Ontario distributor data from 2002-2012.

The model can make a prediction of each distributor's cost given its business conditions by multiplying the company's business condition variables by the model parameters and summing the results⁴. The distributor's actual cost is then compared to that predicted by the model. The percentage difference between actual and predicted cost is the measure of cost performance. Companies with larger negative differences between actual and predicted costs are considered better cost performers and therefore eligible for lower stretch factors. A detailed description of the econometric model including estimation technique and other technical details are contained in sections 6 and A2.1 of the PEG report.

The econometric model used to obtain the updated stretch factors is identical to the model described in the 2013 PEG report. The OEB intentionally decided not to update the parameters of

⁴ The table of parameters published in the PEG report was for the full sample. When making predictions of cost for each company, the econometric program estimated the model without including the subject of benchmarking in the sample. Therefore, there exist 59 different sets of parameters which are very similar to each other. For ease of presentation, the PEG report did not present the parameters specific to each distributor. These company-specific parameters are necessary for the calculations and are contained within the working papers associated with this report.

the econometric model to include future years' data. The goal was to establish a fixed benchmark via the unchanged model parameters which would allow distributors a fair opportunity to demonstrate continuous improvement of cost performance and earn a lower stretch factor. The parameters from the model were combined with each company's data – including 2013-2023 data - to produce 2023 predicted cost. The rationale for this decision is discussed in the Board Report and in a memorandum by PEG.⁵

To apply the 2023 values to the model parameters, the data must be transformed to be consistent with how the data were specified for the estimated econometric model. One such transformation is to express many of the explanatory variables as logarithms prior to the model being estimated. The PEG report describes the details of the estimation process in section A2.1. The spreadsheet model and associated documentation discussed in section 5 contain the calculations leading to the cost benchmarking results.

The purpose of the benchmarking work is to evaluate the total cost incurred by each distributor. Table 1 shows the formulas used to calculate the measure of total cost used in PEG's benchmarking analysis. As described in the PEG benchmarking report, adjustments were undertaken with the purpose of standardizing cost to facilitate more accurate cost comparisons among distributors. These adjustments included the treatment of high voltage and low voltage costs.

The variables used to explain total cost are the same as in the previous PEG report. They include outputs such as customers, kWh deliveries, and capacity. Prices for capital and OM&A along with other business conditions such as customer growth and average length of lines are also included. A complete discussion of the explanatory variables can be found in section 6 of the PEG report and the supporting documents to this report discussed in section 5. The explanatory variables are used to explain the level of cost incurred by each LDC. Cost that is not accounted for by the variables is deemed to be an estimate of management performance.

⁵ Available on the OEB website in the file "PEG_Memorandum_OEB on_corrections_20131220.pdf"

3. Benchmarking Data

The source of the cost and output data used in the calculations is from the distributors as reported in the reporting and record-keeping requirements (RRR) filings. The study assumes that the data as reported by the distributors conforms to accounting policies and procedures described in the Accounting Procedures Handbook for Electricity Distributors that includes the Uniform System of Accounts and other instructions contained within the RRR filing system. It also assumes that the LDCs have taken ownership of the data provided to the OEB and significant revisions are not anticipated.⁶

Data sources apart from the RRR are related to input prices. OEB-approved rates of return were obtained from the published OEB Cost of Capital Parameter Updates⁷. Statistics Canada is the source for other input price data. The input price indexes used were the same as those used in PEG's original study with one exception. Statistics Canada no longer calculates the Electric Utility Construction Price Index (EUCPI). The growth in the GDPIPI (FDD) was used to escalate the EUCPI values used in the calculations.⁸

The update was done in the same manner as the original work with an exception. The OEB has improved the quality of data collected related to capital additions. As a result, improved data are available for 2013-2023. PEG has accordingly relied upon these more recently available capital additions data filed in the RRRs instead of inferring these data from changes in gross plant.

The calculations have also been adjusted for amalgamations that have taken place since the original study was done. The historical cost performance of the combined entity was calculated from the historical results of the predecessor distributors that were amalgamated or

⁶ The Ontario Energy Board (OEB) released the Report of the Board on Performance Measurement for Electricity Distributors: A Scorecard Approach (EB-2010-0379) on March 5, 2014. This report states that: 'While the Board will create consistent Scorecard reports for distributors, ownership of the data and Scorecard resides with the distributor.'

 $^{^7\} https://www.oeb.ca/regulatory-rules-and-documents/rules-codes-and-requirements/cost-capital-parameter-updates$

⁸ GDPIPI (FDD) is the Gross Domestic Product Implicit Price Index for Final Domestic Demand.

acquired.⁹ In each of these cases the companies have consolidated reporting and are benchmarked as single entities under the new company names. There were no amalgamations in 2023.

This report also addresses the impact of data revisions by LDCs for informational purposes only. The OEB requires distributors to be accountable for the integrity of their reported data. As part of its procedures to improve data quality, the OEB invited distributors to submit corrections to previously provided data. However, a key determination is that already established and published benchmarking results for prior years would not be modified as a result of revised data. This includes any year that comprised the three-year average used to determine the current year's stretch factor. As stretch factors are used directly to set the distribution rates of distributors, they are not subsequently adjusted in order to avoid retroactive rate setting (i.e., rates are final once set unless approved on an interim basis). Consequently, the three years of data used to derive the three-year average for any year's stretch factors are locked-in such that the underlying data used do not change due to any subsequent data revisions. ¹⁰

To show the impacts of data changes on the stretch factors, revised data have been incorporated into the benchmarking databases and model to allow previous results to be recalculated. The revised 2022, 2021, and 2020 results are presented only for the purposes of showing the impact of the data changes. As discussed above, they were not used to calculate the new 2020-2022 average cost performance used to determine the 2023 stretch factors assignments.

Several tables are included at the end of this report. Table 1 describes the calculation of total cost. Table 2 shows each distributor's growth in total cost from 2022 to 2023. Table 3 (A) presents the 2023 benchmarking results and a comparison to prior years' results. Table 3 (B)

⁹ The method used to calculation the hypothetical historical cost performance of the combined entity is to sum the actual costs, sum the costs predicted by the model, and calculate the percentage difference. This method is essentially a cost-weighted average of the historical cost performances of the amalgamated distributors.

¹⁰ The previous results were "locked-in" by pasting the values of previous cost performance into the current calculations worksheet. This means that these values will not be affected by subsequent data revisions. This allows for the calculation of a new three-year average of the new 2023 result consistent with the previously published 2020, 2021 and 2022 results while still allowing the calculation of revised results for previous years, if applicable, to show the impact of any data revision.

summarizes data revision impacts on cost performance although they have no bearing on the derivation of the current stretch factors. Table 4 presents average cost performance and associated stretch factors. Table 5 presents the companies assigned to each cohort according to their updated stretch factors. Changes from the previous years' assignments are shown in bold.

The goal of the benchmarking work is to evaluate levels of distributor cost. Table 2 presents the actual OM&A, Capital, and Total cost for each distributor for 2022 and 2023. As can be seen, industry total cost increased by 13.05% on average from 2022-2023. Total OM&A cost grew by 5.31% and capital cost grew on average by 19.07%. While the percentage change in capital and total costs may seem high, the OEB's approved rate of return increased by a roughly commensurate amount.

The econometric model estimates LDCs' costs as a function of distributor output, input price growth, and other business condition variables which are considered as beyond management control. The model will also produce a prediction of the level of cost consistent with these business conditions, and thus "explain" some of the observed cost level. As described in the PEG benchmarking report, changes in distributor cost not accounted for by these factors are deemed to be due to management performance. The parameter estimates measure the average cost impact of the different business conditions and are presented on Table 16 of the PEG benchmarking report. The discussion below provides some details about the parameters and their associated impacts established for the 2002 to 2012 period.

The first of the cost drivers is output quantity. The model uses three measures of the quantity of distributor output. The first is the number of customers served, the second is kWh delivered, and the third is a proxy for the capacity of the distribution system. The capacity variable is described in the PEG report and is equal to the largest peak load experienced as of the current year of data. For example, the 2012 value for the capacity variable is equal to largest reported system summer or winter kW in all the years 2002-2012. Therefore, for 2013, this capacity variable only increased if the distributor's kW demand in that year exceeded kW demand in every year between 2002 and 2012. Of the three output variables, the model estimates that the number of customers has the largest impact on cost, followed by system capacity. The kWh delivered was the least important of the output variables. For the average company, the number of customers was observed to be a more important cost driver than the

other two combined. For each 1% change in number of customers, cost was estimated to change by 0.44%.

The second group of cost drivers were the input prices for capital and OM&A. For the average company, the cost impact of changes in the capital price was found to be almost twice as important as that for OM&A. For every 1% change in capital price, the impact on total cost was about 0.63%. The corresponding impact for changes in the OM&A price was 0.37%. The relevant indexes were updated to include 2023 data. For the OM&A price, the growth in average weekly earnings and that for the GDP implicit price index for final domestic demand ("GDPIPI (FDD)") were calculated. The 2022 growth in the OM&A price index is calculated as 70% times average weekly earnings growth plus 30% times GDPIPI (FDD) growth. The 2022 values for the OM&A price index from the previous report were escalated by the growth that occurred in 2023.

The capital price calculation is based upon an asset price index, an economic depreciation rate, and a rate of return. The asset price index was the Electric Utility Construction Price Index as calculated by Statistics Canada. As this index is no longer available, the previous values are escalated by an alternate index. The index chosen was the GDPIPI (FDD) which is the same index used to represent all non-labour price inflation in the Board-approved inflation measure formula¹¹. The depreciation rate is fixed at 4.59% consistent with the previous work. The rate of return is a weighted average of the rates for return on equity, long-term debt, and short-term debt as approved by the OEB. The capital price used to calculate total cost is also used as an explanatory variable. Therefore, any changes in the rate of return or asset price index that affect the cost calculation will also affect the price calculation which will in turn "explain" the observed changes in cost.

The last group of cost drivers consists of other business condition variables. The first was the percentage of customers added over the last ten years. The second was the average km of distribution line. For each 1% change in average line length, total cost was estimated to increase by 0.29%. The model also contains a time trend that accounts for changes in cost over time that are not accounted for by the other cost drivers. This variable estimates that cost should

¹¹ The weight given to the non-labour index in the inflation formula includes capital cost.

rise by 1.7% per year for reasons not identified by other variables in the model. All of these business condition variables were updated to include 2023 data.

4. Benchmarking Results and Updated Stretch Factors

Table 3 (A) presents a summary of the current benchmarking results for each distributor from 2020-2023. The updated average cost performance is based on a three-year rolling average calculated from the 2021-2023 values and is used to assign updated stretch factors to distributors. The last column presents the difference between the updated average cost performance and the previous one (2020-2022). The electricity distributor sector has shown consistent year-over-year cost performance improvements. The average level of cost performance in 2023 for the distributors is 14.1% lower than forecast (or predicted) cost that builds upon cost performance improvement in previous years. Previous years also have shown performance improvements for the currently benchmarked distributors but not as good compared to recent years.

As discussed above, the OEB requires distributors to be accountable for the integrity of their reported data and sets out reporting procedures to improve data quality. OEB Staff reviewed and approved distributors' data corrections requests to previously filed data when reasonable justification is provided. The revised data were incorporated into the benchmarking databases and the 2020, 2021, and 2022 results were recalculated to demonstrate the impact on the previously published 2020-2022 average cost performance. Table 3 (B) shows the impact of LDC data revisions on 2020, 2021, and 2022 cost performance for those companies that had approved changes since the previous update. No revisions would have changed previously determined cohort placement.

Updated stretch factors are assigned based on a three-year average of actual less predicted cost over the 2021-2023 period. As discussed in the Board Report, distributors that averaged 25% or more below cost received the lowest stretch factor of 0%. Those that averaged in excess of 10% and up to 25% below cost received a stretch factor of 0.15%. Those within 10% of

¹² Changes in average cost performance are due to not only the addition of 2023 results, but the removal of 2020 results. It is therefore possible to simultaneously have improved 2023 cost performance and deteriorating average performance.

predicted cost received a stretch factor of 0.30%. Those distributors that had cost in excess of 10% and up to 25% above predicted cost received a stretch factor of 0.45%. Any distributors that had actual costs in excess of 25% more than predicted were assigned the highest stretch factor of 0.60%.

Table 4 presents a summary of the current and previous years' cost performance results and corresponding stretch factors. The assigned stretch factor for most companies was not affected by the 2023 update. A total of three companies have been assigned different stretch factors and all three now have lower stretch factors. Table 5 presents the updated stretch factor assignments in the format of Appendix D of the Board report.

5. Validation and Other Supporting Documents

As part of their reporting requirements, distributors are asked to validate the numbers contained in their scorecard. The Spreadsheet Model as updated produces the updated benchmarking results contained in this report. It builds on the previous version by adding additional worksheets related to the 2023 calculations.

The format of the additional worksheets used in the update are similar to those provided earlier and the User's Guide will be applicable to the new worksheets. The guide is intended to serve as a tool for distributors to better understand these calculations and their cost performance. The spreadsheet model and users guide are available in the Total cost benchmarking – updates section of the Performance Assessment page on the OEB's website.

Table 1
Calculation of 2023 Total Cost

| Variable | | Reference | Formula | Source |
|------------|-------------------------------------|-----------|--|----------------------------|
| Total Cost | | | = OM&A + Capital Cost | Formula |
| OM&A | | | = A+B+C+D+E+F+G-I+J | Formula |
| 2023 | Operation | А | - AIBICIDIEII IO-III | RRR |
| 2023 | Maintenance | В | | RRR |
| 2023 | Billing and Collection | C | | RRR |
| 2023 | Community Relations | D | | RRR |
| 2023 | Administrative and General Expenses | E | | RRR |
| 2023 | Insurance Expense | F | | RRR |
| 2023 | Advertising Expenses | G | | RRR |
| 2023 | Advertising Expenses | · · | | MM |
| Adjustm | ents to OM&A | | | |
| 2023 | HV Adjustment | 1 | | RRR |
| 2023 | LV Adjustment | J | | Hydro One Networks |
| Capital | | | | |
| 2022 | Asset Price Index | K | | Previous Year Calculations |
| 2022 | Capital Quantity | M | | Previous Year Calculations |
| 2023 | Asset Price Index | 0 | =K x (GDPPI-FDD 2021 / GDPPI-FDD 2020) | Formula, Statistics Canada |
| 2023 | Capital Additions | Р | | RRR |
| 2023 | HV Capital Additions | Q | | RRR |
| 2023 | Quantity of Capital Additions | R | =(P-Q) / O | Formula |
| | Depreciation Rate | S | Fixed at 4.59% for All Years | PEG Report for 4GIR |
| 2023 | Capital Quantity | Т | = M - S x M + R | Formula |
| 2023 | Rate of Return | U | | OEB Decision |
| 2023 | Capital Price | V | =U x K + S x O | Formula |
| 2023 | Capital Cost | W | = V x T | Formula |

Table 2

Total Cost by Distributor: 2022 vs. 2023

| _ | | OM&A Cost | | | Capital Cost | | | Total Cost | |
|---------------------------------------|-------------|-------------|-------------------|---------------|---------------|-------------------|---------------|---------------|-------------------|
| | 2022 | 2023 | Percent Change | 2022 | 2023 | Percent Change | 2022 | 2023 | Percent Change |
| Alectra Utilities Corporation | 268,392,856 | 275,740,715 | 2.70% | 541,882,560 | 667,033,540 | 20.78% | 810,275,416 | 942,774,255 | 15.15% |
| Algoma Power Inc. | 13,718,921 | 13,796,191 | 0.56% | 16,849,512 | 21,053,071 | 22.27% | 30,568,434 | 34,849,263 | 13.11% |
| Atikokan Hydro Inc. | 1,174,670 | 1,188,653 | 1.18% | 603,265 | 697,539 | 14.52% | 1,777,935 | 1,886,192 | 5.91% |
| Bluewater Power Distribution Corp | | 13,684,765 | 0.68% | 15,471,223 | 18,631,928 | 18.59% | 29,062,939 | 32,316,693 | 10.61% |
| Burlington Hydro Inc. | 21,411,269 | 23,087,139 | 7.54% | 28,937,773 | 35,988,491 | 21.81% | 50,349,042 | 59,075,631 | 15.98% |
| Canadian Niagara Power Inc. | 9,680,637 | 10,655,338 | 9.59% | 19,773,858 | 24,171,235 | 20.08% | 29,454,496 | 34,826,573 | 16.75% |
| Centre Wellington Hydro Ltd. | 2,737,920 | 2,804,726 | 2.41% | 2,591,655 | 3,037,050 | 15.86% | 5,329,576 | 5,841,776 | 9.18% |
| Chapleau Public Utilities Corporation | | 936,004 | 14.83% | 247,899 | 292,065 | 16.40% | 1,054,888 | 1,228,069 | 15.20% |
| Cooperative Hydro Embrun Inc. | 692,601 | 794,475 | 13.72% | 549,556 | 655,016 | 17.55% | 1,242,157 | 1,449,491 | 15.44% |
| Elexicon Energy Inc. | 44,882,223 | 46,787,704 | 4.16% | 77,772,518 | 93,608,204 | 18.53% | 122,654,742 | 140,395,908 | 13.51% |
| E.L.K. Energy Inc. | 4,208,740 | 4,152,335 | -1.35% | 2,741,465 | 3,360,301 | 20.35% | 6,950,205 | 7,512,635 | 7.78% |
| Enova Power Corp. | 38,968,842 | 39,292,264 | 0.83% | 75,217,696 | 89,392,498 | 17.27% | 114,186,538 | 128,684,762 | 11.95% |
| Entegrus Powerlines Inc. | 15,360,450 | 16,182,654 | 5.21% | 23,816,601 | 28,662,967 | 18.52% | 39,177,051 | 44,845,621 | 13.51% |
| ENWIN Utilities Ltd. | 25,234,156 | 27,447,841 | 8.41% | 40,071,263 | 47,269,397 | 16.52% | 65,305,420 | 74,717,237 | 13.46% |
| EPCOR Electricity Distribution Onta | | 6,068,316 | -1.58% | 5,799,345 | 6,982,251 | 18.56% | 11,964,063 | 13,050,567 | 8.69% |
| ERTH Power Corporation | 7,750,360 | 8,178,713 | 5.38% | 9,821,263 | 11,806,645 | 18.41% | 17,571,624 | 19,985,358 | 12.87% |
| Essex Powerlines Corporation | 8,288,825 | 8,624,718 | 3.97% | 11,184,053 | 13,749,241 | 20.65% | 19,472,878 | 22,373,959 | 13.89% |
| Festival Hydro Inc. | 6,618,860 | 7,046,504 | 6.26% | 8,356,830 | 9,934,514 | 17.29% | 14,975,690 | 16,981,018 | 12.57% |
| Fort Frances Power Corporation | 1,761,801 | 1,899,201 | 7.51% | 996,971 | 1,185,896 | 17.35% | 2,758,772 | 3,085,096 | 11.18% |
| GrandBridge Energy Inc. | 31,809,380 | 32,538,677 | 2.27% | 43,314,188 | 52,734,670 | 19.68% | 75,123,569 | 85,273,346 | 12.67% |
| Greater Sudbury Hydro Inc. | 15,279,442 | 16,102,895 | 5.25% | 19,287,608 | 22,642,502 | 16.04% | 34,567,050 | 38,745,397 | 11.41% |
| Grimsby Power Incorporated | 3,773,954 | 3,889,144 | 3.01% | 4,059,140 | 4,881,498 | 18.45% | 7,833,094 | 8,770,642 | 11.31% |
| Halton Hills Hydro Inc. | 7,237,095 | 7,576,862 | 4.59% | 12,783,228 | 15,347,476 | 18.28% | 20,020,323 | 22,924,338 | 13.55% |
| Hearst Power Distribution Compan | | 1,286,493 | 6.77% | 426,586 | 505,938 | 17.06% | 1,628,879 | 1,792,430 | 9.57% |
| Hydro 2000 Inc. | 661,275 | 679,372 | 2.70% | 180,250 | 212,074 | 16.26% | 841,525 | 891,446 | 5.76% |
| Hydro Hawkesbury Inc. | 1,200,939 | 1,453,948 | 19.12% | 636,901 | 772,099 | 19.25% | 1,837,840 | 2,226,047 | 19.16% |
| Hydro One Networks Inc. | 625,202,892 | 684,623,857 | 9.08% | 1,063,475,844 | 1,310,817,211 | 20.91% | 1,688,678,736 | 1,995,441,068 | 16.69% |
| Hydro Ottawa Limited | 94,710,464 | 106,888,209 | 12.10% | 196,336,233 | 233,661,781 | 17.40% | 291,046,698 | 340,549,990 | 15.71% |
| Innpower Corporation | 6,701,222 | 8,088,934 | 18.82% | 13,020,537 | 16,974,531 | 26.52% | 19,721,759 | 25,063,464 | 23.97% |

Table 2 (cont'd)

Total Cost by Distributor: 2022 vs. 2023

| _ | | OM&A Cost | | Capital Cost | | | | Total Cost | |
|--------------------------------------|-------------|-------------|---------|--------------|-------------|---------|---------------|---------------|---------|
| | | | Percent | | | Percent | | | Percent |
| | 2022 | 2023 | Change | 2022 | 2023 | Change | 2022 | 2023 | Change |
| Kingston Hydro Corporation | 7,822,958 | 8,001,856 | 2.26% | 9,364,188 | 10,898,408 | 15.17% | 17,187,145 | 18,900,264 | 9.50% |
| Lakefront Utilities Inc. | 2,557,283 | 3,107,067 | 19.47% | 3,345,420 | 4,094,258 | 20.20% | 5,902,703 | 7,201,325 | 19.89% |
| Lakeland Power Distribution Ltd. | 5,713,682 | 6,085,963 | 6.31% | 5,698,605 | 6,939,695 | 19.70% | 11,412,287 | 13,025,657 | 13.22% |
| London Hydro Inc. | 42,687,578 | 44,158,081 | 3.39% | 61,266,225 | 73,140,920 | 17.72% | 103,953,803 | 117,299,001 | 12.08% |
| Milton Hydro Distribution Inc. | 11,803,020 | 11,721,468 | -0.69% | 19,643,794 | 23,607,598 | 18.38% | 31,446,814 | 35,329,066 | 11.64% |
| Newmarket-Tay Power Distributio | 12,940,656 | 14,099,664 | 8.58% | 18,659,990 | 21,773,796 | 15.43% | 31,600,646 | 35,873,459 | 12.68% |
| Niagara Peninsula Energy Inc. | 19,048,312 | 19,942,692 | 4.59% | 28,229,669 | 33,710,993 | 17.75% | 47,277,981 | 53,653,685 | 12.65% |
| Niagara-on-the-Lake Hydro Inc. | 3,219,310 | 3,367,064 | 4.49% | 4,674,391 | 5,720,060 | 20.19% | 7,893,702 | 9,087,124 | 14.08% |
| North Bay Hydro Distribution Limit | 8,721,483 | 8,572,962 | -1.72% | 12,798,000 | 15,406,223 | 18.55% | 21,519,483 | 23,979,185 | 10.82% |
| Northern Ontario Wires Inc. | 3,045,413 | 3,304,043 | 8.15% | 1,521,717 | 1,744,750 | 13.68% | 4,567,130 | 5,048,793 | 10.03% |
| Oakville Hydro Electricity Distribut | 20,114,506 | 19,609,317 | -2.54% | 38,703,763 | 47,200,783 | 19.85% | 58,818,269 | 66,810,100 | 12.74% |
| Orangeville Hydro Limited | 3,664,133 | 3,687,355 | 0.63% | 4,110,577 | 4,885,998 | 17.28% | 7,774,710 | 8,573,353 | 9.78% |
| Oshawa PUC Networks Inc. | 13,923,030 | 14,608,277 | 4.80% | 24,901,005 | 30,361,104 | 19.83% | 38,824,035 | 44,969,381 | 14.69% |
| Ottawa River Power Corporation | 3,820,739 | 4,154,241 | 8.37% | 3,073,786 | 3,684,454 | 18.12% | 6,894,525 | 7,838,695 | 12.83% |
| PUC Distribution Inc. | 10,989,235 | 12,628,187 | 13.90% | 13,613,019 | 20,737,214 | 42.09% | 24,602,254 | 33,365,402 | 30.47% |
| Renfrew Hydro Inc. | 1,476,178 | 1,589,812 | 7.42% | 1,328,170 | 1,637,346 | 20.93% | 2,804,349 | 3,227,159 | 14.04% |
| Rideau St. Lawrence Distribution In | 2,610,500 | 2,763,847 | 5.71% | 1,400,340 | 1,675,179 | 17.92% | 4,010,840 | 4,439,026 | 10.14% |
| Sioux Lookout Hydro Inc. | 1,451,596 | 1,564,855 | 7.51% | 984,062 | 1,146,181 | 15.25% | 2,435,658 | 2,711,036 | 10.71% |
| Synergy North Corporation | 19,510,824 | 19,053,314 | -2.37% | 23,578,310 | 28,434,670 | 18.73% | 43,089,134 | 47,487,984 | 9.72% |
| Tillsonburg Hydro Inc. | 2,840,459 | 2,846,612 | 0.22% | 2,919,055 | 3,559,869 | 19.85% | 5,759,514 | 6,406,481 | 10.65% |
| Toronto Hydro-Electric System Lim | 264,587,694 | 272,554,835 | 2.97% | 772,758,080 | 936,283,805 | 19.20% | 1,037,345,775 | 1,208,838,641 | 15.30% |
| Wasaga Distribution Inc. | 3,269,528 | 3,461,500 | 5.71% | 4,375,929 | 5,464,224 | 22.21% | 7,645,457 | 8,925,724 | 15.48% |
| Welland Hydro-Electric System Co | 6,919,284 | 7,111,431 | 2.74% | 6,074,177 | 7,341,487 | 18.95% | 12,993,461 | 14,452,918 | 10.65% |
| Wellington North Power Inc. | 1,929,965 | 2,320,071 | 18.41% | 1,566,304 | 1,947,650 | 21.79% | 3,496,268 | 4,267,721 | 19.94% |
| Westario Power Inc. | 7,767,386 | 6,548,025 | -17.08% | 9,125,264 | 11,144,186 | 19.99% | 16,892,650 | 17,692,210 | 4.62% |
| | | | | | | | | | |
| Average | 32,623,338 | 34,599,244 | 5.31% | 61,294,809 | 74,788,935 | 19.07% | 93,918,147 | 109,388,179 | 13.05% |
| Median | | 5.88% | 4.70% | | 19.90% | 18.54% | | 15.25% | 12.71% |

Table 3a
Summary of 2023 Cost Performance Results

Cost Efficiency Assessment

| | Cost Efficiency Assessment | | | | | | |
|---|----------------------------|--------|--------|--------|-----------|-----------|---------------------------|
| | 2020 | 2021 | 2022 | 2023 | 2020-2022 | 2021-2023 | Difference from 2020-2022 |
| Alectra Utilities Corporation | -4.4% | -6.9% | -9.1% | -9.7% | -6.8% | -8.6% | -1.8% |
| Algoma Power Inc. | 61.9% | 63.7% | 61.1% | 61.7% | 62.2% | 62.2% | -0.1% |
| Atikokan Hydro Inc. | 2.8% | -0.9% | -1.9% | -6.0% | 0.0% | -2.9% | -2.9% |
| Bluewater Power Distribution Corporation | -4.5% | -7.6% | -8.0% | -10.6% | -6.7% | -8.7% | -2.0% |
| Burlington Hydro Inc. | -13.0% | -11.7% | -13.5% | -10.0% | -12.8% | -11.7% | 1.0% |
| Canadian Niagara Power Inc. | 11.0% | 11.8% | 9.7% | 13.2% | 10.8% | 11.6% | 0.7% |
| Centre Wellington Hydro Ltd. | -11.2% | -16.7% | -16.6% | -18.9% | -14.8% | -17.4% | -2.6% |
| Chapleau Public Utilities Corporation | 18.9% | 4.0% | 5.5% | 9.0% | 9.5% | 6.2% | -3.3% |
| Cooperative Hydro Embrun Inc. | -54.7% | -62.4% | -72.8% | -68.0% | -63.3% | -67.7% | -4.4% |
| Elexicon Energy Inc. | -4.3% | -2.9% | -3.6% | -4.1% | -3.6% | -3.6% | 0.1% |
| E.L.K. Energy Inc. | -59.0% | -49.1% | -32.4% | -37.6% | -46.8% | -39.7% | 7.2% |
| Enova Power Corp. | -10.7% | -8.4% | -1.3% | -3.1% | -6.8% | -4.2% | 2.5% |
| Entegrus Powerlines Inc. | -25.4% | -28.7% | -26.9% | -27.8% | -27.0% | -27.8% | -0.8% |
| ENWIN Utilities Ltd. | -15.3% | -22.4% | -26.8% | -27.8% | -21.5% | -25.7% | -4.2% |
| EPCOR Electricity Distribution Ontario Inc. | -9.8% | -16.5% | -16.0% | -19.9% | -14.1% | -17.4% | -3.4% |
| ERTH Power Corporation | -1.5% | -4.8% | -6.5% | -6.5% | -4.3% | -5.9% | -1.7% |
| Essex Powerlines Corporation | -23.8% | -31.6% | -31.6% | -31.7% | -29.0% | -31.6% | -2.7% |
| Festival Hydro Inc. | 1.6% | -3.4% | -2.4% | -2.1% | -1.4% | -2.6% | -1.2% |

Table 3a (cont'd) **Summary of 2023 Cost Performance Results**

Cost Efficiency Assessment

| | Cost Efficiency Assessment | | | | | | |
|---|----------------------------|--------|--------|--------|-----------|-----------|---------------------------|
| | 2020 | 2021 | 2022 | 2023 | 2020-2022 | 2021-2023 | Difference from 2020-2022 |
| Fort Frances Power Corporation | -11.4% | -12.8% | -11.0% | -11.2% | -11.7% | -11.7% | 0.0% |
| GrandBridge Energy Inc. | -11.2% | -11.6% | -13.9% | -15.3% | -12.2% | -13.6% | -1.4% |
| Greater Sudbury Hydro Inc. | 3.0% | 1.4% | -3.8% | -6.9% | 0.2% | -3.1% | -3.3% |
| Grimsby Power Incorporated | -34.5% | -38.5% | -38.5% | -39.7% | -37.2% | -38.9% | -1.7% |
| Halton Hills Hydro Inc. | -33.8% | -35.7% | -37.2% | -36.1% | -35.6% | -36.3% | -0.8% |
| Hearst Power Distribution Company Limited | -31.6% | -30.5% | -33.8% | -33.5% | -32.0% | -32.6% | -0.6% |
| Hydro 2000 Inc. | -18.0% | -16.8% | -14.8% | -20.5% | -16.5% | -17.4% | -0.8% |
| Hydro Hawkesbury Inc. | -66.4% | -65.3% | -71.0% | -63.6% | -67.6% | -66.6% | 0.9% |
| Hydro One Networks Inc. | 17.0% | 18.1% | 20.3% | 21.5% | 18.5% | 20.0% | 1.5% |
| Hydro Ottawa Limited | 19.8% | 19.5% | 23.1% | 24.4% | 20.8% | 22.4% | 1.5% |
| Innpower Corporation | -6.8% | -5.2% | -6.2% | -0.8% | -6.1% | -4.1% | 2.0% |
| Kingston Hydro Corporation | -6.8% | -12.8% | -10.9% | -15.0% | -10.2% | -12.9% | -2.7% |
| Lakefront Utilities Inc. | -27.2% | -27.0% | -31.0% | -24.9% | -28.4% | -27.6% | 0.8% |
| Lakeland Power Distribution Ltd. | -16.9% | -19.6% | -16.8% | -16.1% | -17.7% | -17.5% | 0.2% |
| London Hydro Inc. | -6.3% | -5.7% | -6.5% | -8.2% | -6.2% | -6.8% | -0.6% |
| Milton Hydro Distribution Inc. | -23.7% | -26.8% | -28.1% | -30.1% | -26.2% | -28.3% | -2.1% |
| Newmarket-Tay Power Distribution Ltd. | -15.9% | -17.6% | -17.5% | -18.1% | -17.0% | -17.8% | -0.7% |
| Niagara Peninsula Energy Inc. | -2.8% | -7.8% | -10.2% | -12.3% | -7.0% | -10.1% | -3.1% |
| Niagara-on-the-Lake Hydro Inc. | -12.7% | -13.1% | -16.2% | -15.5% | -14.0% | -14.9% | -0.9% |

Table 3a (cont'd) **Summary of 2023 Cost Performance Results**

Cost Efficiency Assessment

| | Cost Efficiency Assessment | | | | | | |
|--|----------------------------|--------|--------|--------|-----------|-----------|---------------------------|
| | 2020 | 2021 | 2022 | 2023 | 2020-2022 | 2021-2023 | Difference from 2020-2022 |
| North Bay Hydro Distribution Limited | -2.2% | -3.6% | -3.5% | -4.9% | -3.1% | -4.0% | -0.9% |
| Northern Ontario Wires Inc. | -42.1% | -45.7% | -45.1% | -46.4% | -44.3% | -45.7% | -1.4% |
| Oakville Hydro Electricity Distribution Inc. | -3.8% | -6.4% | -6.6% | -7.5% | -5.6% | -6.8% | -1.2% |
| Orangeville Hydro Limited | -28.8% | -29.6% | -28.4% | -30.6% | -28.9% | -29.5% | -0.6% |
| Oshawa PUC Networks Inc. | -16.6% | -16.8% | -18.9% | -18.9% | -17.4% | -18.2% | -0.7% |
| Ottawa River Power Corporation | -24.3% | -28.8% | -25.6% | -26.3% | -26.2% | -26.9% | -0.7% |
| PUC Distribution Inc. | 1.1% | 1.8% | -3.0% | 15.0% | 0.0% | 4.6% | 4.6% |
| Renfrew Hydro Inc. | -2.5% | -3.1% | -8.4% | -5.7% | -4.7% | -5.7% | -1.1% |
| Rideau St. Lawrence Distribution Inc. | -15.4% | -15.4% | -11.3% | -15.8% | -14.0% | -14.2% | -0.1% |
| Sioux Lookout Hydro Inc. | -25.8% | -35.1% | -41.9% | -44.1% | -34.3% | -40.3% | -6.1% |
| Synergy North Corporation | 0.5% | -0.8% | 5.0% | 2.1% | 1.6% | 2.1% | 0.5% |
| Tillsonburg Hydro Inc. | -5.5% | -9.8% | -15.1% | -17.8% | -10.2% | -14.3% | -4.1% |
| Toronto Hydro-Electric System Limited | 52.9% | 53.2% | 52.8% | 52.9% | 52.9% | 52.9% | 0.0% |
| Wasaga Distribution Inc. | -46.6% | -56.7% | -45.8% | -44.4% | -49.7% | -49.0% | 0.7% |
| Welland Hydro-Electric System Corp. | -30.3% | -32.6% | -35.7% | -38.9% | -32.9% | -35.7% | -2.9% |
| Wellington North Power Inc. | 2.9% | -4.0% | -9.8% | -5.3% | -3.6% | -6.4% | -2.7% |
| Westario Power Inc. | -11.1% | -10.3% | -6.2% | -14.6% | -9.2% | -10.4% | -1.2% |
| Average | -11.6% | -13.8% | -14.2% | -14.3% | -13.2% | -14.1% | -0.9% |
| Median | -11.1% | -12.3% | -12.4% | -15.2% | -12.0% | -13.3% | -0.9% |
| Max | 61.9% | 63.7% | 61.1% | 61.7% | 62.2% | 62.2% | 7.2% |
| Min | -66.4% | -65.3% | -72.8% | -68.0% | -67.6% | -67.7% | -6.1% |
| | | | | | | <i>-</i> | - |

Table 3b Summary of the Impact of Revised Data on Cost Performance Results

| | 2020 Cost Performance | | 2021 | 2021 Cost Performance | | 2022 | Cost Perform | nance | 2020-2022 Average Cost Performance* | | | |
|--|-----------------------------|------------|------------|-----------------------------|------------|------------|-----------------------------|------------|-------------------------------------|-----------------------------|------------|------------|
| Distributors with approved 2020, 2021, and/or 2022 data revisions for the 2023 data update | As Previously Calculated | As Revised | Difference | As Previously Calculated | As Revised | Difference | As Previously Calculated | As Revised | Difference | As Previously Calculated | As Revised | Difference |
| Alectra Utilities Corporation | -4.4% | -4.4% | 0.00% | -6.9% | na | na | -9.1% | na | na | -6.8% | -6.8% | 0.00% |
| Algoma Power Inc. | 61.9% | na | na | 63.7% | na | na | 61.1% | 61.0% | 0.05% | 62.2% | 62.2% | 0.02% |
| Bluewater Power Distribution | -4.5% | -4.5% | 0.00% | -7.6% | na | na | -8.0% | na | na | -6.7% | -6.7% | 0.00% |
| Burlington Hydro Inc. | -13.0% | -13.0% | 0.03% | -11.7% | na | na | -13.5% | na | na | -12.8% | -12.8% | 0.01% |
| Chapleau Public Utilities | 18.9% | na | na | 4.0% | na | na | 5.5% | 0.0% | 5.47% | 9.5% | 7.6% | 1.82% |
| Entegrus Powerlines Inc. | -25.4% | -25.4% | 0.00% | -28.7% | na | na | -26.9% | na | na | -27.0% | -27.0% | 0.00% |
| Festival Hydro Inc. | 1.6% | na | na | -3.4% | -3.4% | 0.01% | -2.4% | na | na | -1.4% | -1.4% | 0.00% |
| Greater Sudbury Hydro Inc. | 3.0% | 0.4% | 2.65% | 1.4% | -3.1% | 4.44% | -3.8% | -7.9% | 4.14% | 0.2% | -3.5% | 3.74% |
| Hydro 2000 Inc. | -18.0% | na | na | -16.8% | -16.8% | 0.00% | -14.8% | na | na | -16.5% | -16.5% | 0.00% |
| Hydro One Networks Inc. | 17.0% | 17.0% | 0.01% | 18.1% | 18.0% | 0.11% | 20.3% | na | na | 18.5% | 18.4% | 0.04% |
| Kitchener-Wilmot Hydro Inc. | -22.1% | -22.1% | 0.00% | -18.2% | na | na | 0.0% | na | na | -13.4% | -13.4% | 0.00% |
| Newmarket-Tay Power | -15.9% | na | na | -17.6% | -17.5% | -0.10% | -17.5% | na | na | -17.0% | -17.0% | -0.03% |
| Oakville Hydro Electricity | -3.8% | -3.8% | 0.00% | -6.4% | na | na | -6.6% | na | na | -5.6% | -5.6% | 0.00% |
| Orangeville Hydro Limited | -28.8% | -28.8% | 0.00% | -29.6% | -29.6% | 0.04% | -28.4% | na | na | -28.9% | -28.9% | 0.01% |
| Oshawa PUC Networks Inc. | -16.6% | -16.4% | -0.25% | -16.8% | -16.8% | -0.02% | -18.9% | -18.9% | -0.02% | -17.4% | -17.3% | -0.10% |
| Ottawa River Power Corporation | -24.3% | na | na | -28.8% | na | na | -25.6% | -25.7% | 0.03% | -26.2% | -26.2% | 0.01% |
| Rideau St. Lawrence Distribution | -15.4% | -15.4% | -0.01% | -15.4% | na | na | -11.3% | na | na | -14.0% | -14.0% | 0.00% |
| Waterloo North Hydro Inc. | 3.5% | 3.4% | 0.04% | 4.2% | na | na | 0.0% | na | na | 2.5% | 2.5% | 0.01% |

^{*} The impact of revisions are not cumulative with revisions from previous updates. Other submitted changes were either not used in the 2020-2022 calculations or resulted in no net change to the amounts being used.

Table 4 **Summary of Stretch Factor Assignments**

| | 2020-202 | 2 | 2021-20 | - Change in | |
|---|--------------|---------|--------------|-------------|----------------|
| | Benchmarking | Stretch | Benchmarking | Stretch | Stretch Factor |
| | Performance | Factor | Performance | Factor | |
| Alectra Utilities Corporation | -6.8% | 0.30 | -8.6% | 0.30 | NO |
| Algoma Power Inc. | 62.2% | 0.60 | 62.2% | 0.60 | NO |
| Atikokan Hydro Inc. | 0.0% | 0.30 | -2.9% | 0.30 | NO |
| Bluewater Power Distribution Corporation | -6.7% | 0.30 | -8.7% | 0.30 | NO |
| Burlington Hydro Inc. | -12.8% | 0.15 | -11.7% | 0.15 | NO |
| Canadian Niagara Power Inc. | 10.8% | 0.45 | 11.6% | 0.45 | NO |
| Centre Wellington Hydro Ltd. | -14.8% | 0.15 | -17.4% | 0.15 | NO |
| Chapleau Public Utilities Corporation | 9.5% | 0.30 | 6.2% | 0.30 | NO |
| Cooperative Hydro Embrun Inc. | -63.3% | 0.00 | -67.7% | 0.00 | NO |
| Elexicon Energy Inc. | -3.6% | 0.30 | -3.6% | 0.30 | NO |
| E.L.K. Energy Inc. | -46.8% | 0.00 | -39.7% | 0.00 | NO |
| Enova Power Corp. | -6.8% | 0.30 | -4.2% | 0.30 | NO |
| Entegrus Powerlines Inc. | -27.0% | 0.00 | -27.8% | 0.00 | NO |
| ENWIN Utilities Ltd. | -21.5% | 0.15 | -25.7% | 0.00 | YES |
| EPCOR Electricity Distribution Ontario Inc. | -14.1% | 0.15 | -17.4% | 0.15 | NO |
| ERTH Power Corporation | -4.3% | 0.30 | -5.9% | 0.30 | NO |
| Essex Powerlines Corporation | -29.0% | 0.00 | -31.6% | 0.00 | NO |
| Festival Hydro Inc. | -1.4% | 0.30 | -2.6% | 0.30 | NO |
| Fort Frances Power Corporation | -11.7% | 0.15 | -11.7% | 0.15 | NO |
| GrandBridge Energy Inc. | -12.2% | 0.15 | -13.6% | 0.15 | NO |

Table 4 (cont'd)

Summary of Stretch Factor Assignments

| | 2020-202 | 2 | 2021-20 | - Change in | |
|---|-----------------------------|-------------------|-----------------------------|-------------------|----------------|
| | Benchmarking Performance | Stretch Factor | Benchmarking Performance | Stretch Factor | Stretch Factor |
| Greater Sudbury Hydro Inc. | 0.2% | 0.30 | -3.1% | 0.30 | NO |
| Grimsby Power Incorporated | -37.2% | 0.00 | -38.9% | 0.00 | NO |
| Halton Hills Hydro Inc. | -35.6% | 0.00 | -36.3% | 0.00 | NO |
| Hearst Power Distribution Company Limited | -32.0% | 0.00 | -32.6% | 0.00 | NO |
| Hydro 2000 Inc. | -16.5% | 0.15 | -17.4% | 0.15 | NO |
| Hydro Hawkesbury Inc. | -67.6% | 0.00 | -66.6% | 0.00 | NO |
| Hydro One Networks Inc. | 18.5% | 0.45 | 20.0% | 0.45 | NO |
| Hydro Ottawa Limited | 20.8% | 0.45 | 22.4% | 0.45 | NO |
| Innpower Corporation | -6.1% | 0.30 | -4.1% | 0.30 | NO |
| Kingston Hydro Corporation | -10.2% | 0.15 | -12.9% | 0.15 | NO |
| Lakefront Utilities Inc. | -28.4% | 0.00 | -27.6% | 0.00 | NO |
| Lakeland Power Distribution Ltd. | -17.7% | 0.15 | -17.5% | 0.15 | NO |
| London Hydro Inc. | -6.2% | 0.30 | -6.8% | 0.30 | NO |
| Milton Hydro Distribution Inc. | -26.2% | 0.00 | -28.3% | 0.00 | NO |
| Newmarket-Tay Power Distribution Ltd. | -17.0% | 0.15 | -17.8% | 0.15 | NO |
| Niagara Peninsula Energy Inc. | -7.0% | 0.30 | -10.1% | 0.15 | YES |
| Niagara-on-the-Lake Hydro Inc. | -14.0% | 0.15 | -14.9% | 0.15 | NO |
| North Bay Hydro Distribution Limited | -3.1% | 0.30 | -4.0% | 0.30 | NO |
| Northern Ontario Wires Inc. | -44.3% | 0.00 | -45.7% | 0.00 | NO |

Table 4 (cont'd)

Summary of Stretch Factor Assignments

| | 2020-202 | 2 | 2021-20 | - Change in | |
|--|-----------------------------|-------------------|-----------------------------|-------------------|----------------|
| | Benchmarking Performance | Stretch Factor | Benchmarking Performance | Stretch Factor | Stretch Factor |
| Oakville Hydro Electricity Distribution Inc. | -5.6% | 0.30 | -6.8% | 0.30 | NO |
| Orangeville Hydro Limited | -28.9% | 0.00 | -29.5% | 0.00 | NO |
| Oshawa PUC Networks Inc. | -17.4% | 0.15 | -18.2% | 0.15 | NO |
| Ottawa River Power Corporation | -26.2% | 0.00 | -26.9% | 0.00 | NO |
| PUC Distribution Inc. | 0.0% | 0.30 | 4.6% | 0.30 | NO |
| Renfrew Hydro Inc. | -4.7% | 0.30 | -5.7% | 0.30 | NO |
| Rideau St. Lawrence Distribution Inc. | -14.0% | 0.15 | -14.2% | 0.15 | NO |
| Sioux Lookout Hydro Inc. | -34.3% | 0.00 | -40.3% | 0.00 | NO |
| Synergy North Corporation | 1.6% | 0.30 | 2.1% | 0.30 | NO |
| Tillsonburg Hydro Inc. | -10.2% | 0.15 | -14.3% | 0.15 | NO |
| Toronto Hydro-Electric System Limited | 52.9% | 0.60 | 52.9% | 0.60 | NO |
| Wasaga Distribution Inc. | -49.7% | 0.00 | -49.0% | 0.00 | NO |
| Welland Hydro-Electric System Corp. | -32.9% | 0.00 | -35.7% | 0.00 | NO |
| Wellington North Power Inc. | -3.6% | 0.30 | -6.4% | 0.30 | NO |
| Westario Power Inc. | -9.2% | 0.30 | -10.4% | 0.15 | YES |

Table 5
Stretch Factor Assignments by Group

| Group I (17 Distributors) | | Group II (15 Distributors) | | Group III (17 | 7 Distributors) | Group IV (3 Distributors) | Group V (2 Distributors) |
|---|--|---|--|--|--|--------------------------------|--|
| Stretch I | actor = 0 % | Stretch Fa | ctor = 0.15 % | Stretch Fac | ctor = 0.30 % | Stretch Factor = 0.45 % | Stretch Factor = 0.60 % |
| Cooperative Hydro Embrun Inc. | Lakefront Utilities Inc. | Burlington Hydro Inc. | Newmarket-Tay Power Distribution Ltd. | Alectra Utilities Corporation | Innpower Corporation | Canadian Niagara Power Inc. | Algoma Power Inc. |
| E.L.K. Energy Inc. | Milton Hydro Distribution Inc. | Centre Wellington Hydro Ltd. | Niagara-on-the-Lake Hydro Inc. | Atikokan Hydro Inc. | London Hydro Inc. | Hydro One Networks Inc. | Toronto Hydro-Electric System Limited |
| Entegrus Powerlines Inc. | Northern Ontario Wires Inc. | EPCOR Electricity Distribution Ontario Inc. | Niagara Peninsula Energy Inc. | Bluewater Power Distribution Corporation | North Bay Hydro Distribution Limited | Hydro Ottawa Limited | |
| ENWIN Utilities Ltd. | Orangeville Hydro Limited | Fort Frances Power Corporation | Oshawa PUC Networks Inc. | Chapleau Public Utilities Corporation | Oakville Hydro Electricity Distribution Inc. | | |
| Essex Powerlines Corporation | Ottawa River Power Corporation | GrandBridge Energy Inc. | Rideau St. Lawrence Distribution Inc. | Elexicon Energy Inc. | PUC Distribution Inc. | | |
| Grimsby Power Incorporated | Sioux Lookout Hydro Inc. | Hydro 2000 Inc. | Tillsonburg Hydro Inc. | Enova Power Corp. | Renfrew Hydro Inc. | | |
| Halton Hills Hydro Inc. | Wasaga Distribution Inc. | Kingston Hydro Corporation | Westario Power Inc. | ERTH Power Corporation | Synergy North Corporation | | |
| Hearst Power Distribution Company Limited | Welland Hydro-Electric System Corp. | Lakeland Power Distribution Ltd. | | Festival Hydro Inc. | Wellington North Power Inc. | | |
| Hydro Hawkesbury Inc. | | | | Greater Sudbury Hydro Inc. | | | |