

EB-2025-0252

Alectra Utilities Corporation

Application for electricity distribution rates beginning January 1, 2027

AMPCO Interrogatories January 22, 2025

1-AMPCO-1

Ref: Ex 1-3-1 p.10

Alectra indicates that despite Alectra Utilities' effort to increase the pace of asset renewal, the backlog of deteriorated assets in Alectra Utilities' distribution system has increased by 49% from 2018 to 2023.

Please recast Chart 1-3-1 to show the percentage of deteriorated distribution assets at the end of 2031 compared to 2023 ACA results for All Assets, Transformers, UG Cable and Poles. In the response explain the methodology and assume Alectra has implemented its DSP as planned.

1-AMPCO-2

Ref: Ex 1-3-1 p.22

As a result of customer engagement Phase 2, Alectra's response was a net reduction of \$106MM of capital expenditure over the 2027-2031 period.

Please provide a breakdown of the capital reductions by Capital program/segment and by year.

1-AMPCO-3

Ref: Ex 1-3-2 p. 4

Please add a column to Table 1-3-9 to reflect the 2020-2024 DSP Plan amounts.

1-AMPCO-4

Ref: Ex 1-6-2 p. 14

Please add 2024 and 2025 data to Table 1-6-11.

1-AMPCO-5

Ref: Ex 1-6-2 p. 15

Please add 2024 and 2025 data to Table 1-6-12 and provide the calculation that underpins the percentage in each year of the Table.

1-AMPCO-6

Ref: Ex 1-6-2 p. 18

- a) Please add 2024 and 2025 data to Table 1-6-15 and provide the calculation that underpins the data in each year of the Table.
- b) Please provide Table 1-6-15 for the years 2027-2031 and provide the calculation that underpins the data in each year of the Table.

1-AMPCO-7

Ref: Ex 1-6-2 p. 19

- a) Please add 2024 and 2025 data to Table 1-6-16 and provide the calculation that underpins the data in each year of the Table.
- b) Please provide Table 1-6-16 for the years 2027-2031 and provide the calculation that underpins the data in each year of the Table.

1-AMPCO-8

Ref: Ex 1-6-2 p. 22

Please add 2024 and 2025 data to Table 1-6-20 with respect to Achieved ROE.

1-AMPCO-9

Ref: Ex 1-6-3

- a) Page 8: With respect to Lines O&M Unit Cost, please explain why Alectra is above the Industry Average.
- b) Page 16: With respect to Poles, Towers and Fixtures CAPEX, please explain why Alectra is above the Industry Average.
- c) Page 18: With respect to Lines Transformer CAPEX Unit Cost, please explain why Alectra is above the Industry Average.

1-AMPCO-10

Ref: Ex 1-6-4 p.12

Labour efficiency savings are calculated by comparing processing times before and after an enhancement, multiplied by the standard labour rate.

Please explain the standard labour rate and in the response provide the current standard labour rate and show its derivation.

1-AMPCO-11

Ref: Ex 1-6-4 p.32

Please provide Alectra's assumptions with respect to embedded productivity in its 2027 to 2031 budgets, Capital and OM&A.

1-AMPCO-12

Ref: Ex 1-9-1 p.2

Alectra indicates that in the next rate term the sustained savings are embedded in the 2027-2031 forecasted budgets and are benefiting residential customers by reducing the average bill impact on the distribution portion of the bill by \$0.44.

Please provide the calculation and include all assumptions.

1-AMPCO-13

Ref: Ex 1-9-1 p.5 footnote 16

The total sustained capital and operating savings of \$44.3MM results in a \$40.7MM average annual reduction in the revenue requirement.

Please provide this calculation.

1-AMPCO-14

Please complete the attached excel spreadsheet and in the response please extrapolate on inputs to the category "Other" and discuss whether it varies year to year.

2-AMPCO-15

Ref: 2A-1-1 p.16

Please provide a breakdown of the total capital and OM&A investments by year over the period 2027 to 2031 that are in direct response to Hatch’s comprehensive Climate Risk and Vulnerability Assessment of Alectra’s distribution system (Appendix G).

2-AMPCO-16

Ref: 2A-1-1

Please provide summaries of all Third-Party reviews, assessments or audits undertaken over the past 5 years related to specific asset categories in the invest plan. Examples include:

- Asset Failure Rates
- Current state of specific assets
- Performance and/or reliability reviews of specific assets
- Capacity and utilization reviews

2-AMPCO-17

Ref: 2A-1-1 p.21

Figure 5.2.1-7 provides an overview of Alectra’s Asset Management Process. Please provide the value of the investments and number of Business Cases (BC) based on the three investment objectives at the conclusion of each of the following process steps:

Asset Management Process Step	Renewing & Replacing Infrastructure \$M	Meeting Growing Electricity Demand \$M	Enabling Resilience and Modernization \$M	Total \$	Total # of BC Prepared	Total # BC Approved in C55	Total # BC Optimized in C55
Investment Needs (Post Customer Engagement Phase #1 & Including Internal/External Drivers)							
Business Case Development							
Capital Investment							

Portfolio Optimization Draft Plan							
Capital Investment Portfolio Optimization Draft Plan Post Customer Engagement Phase #2							
2027-2031 DSP	1,800	1,000	300	3,100			

2-AMPCO-18

Ref: 2A-1-1 p. 67

Please map the Regional Planning projects in Table 5.2.2-11 to the investment categories in Ex. 2A-1-1 Appendix B.

2-AMPCO-19

Ref: 2A-1-1 pp.70-77

With respect to Table 5.2.3-1:

- a) Cost Control: Please provide the results of the Cost Control: Planned Capital (Actual vs. Budget) Performance Measure for each of the years 2020 to 2024.
- b) Infrastructure Renewal: Please provide the infrastructure renewal targets for poles, transformers, switches, switchgear and cable replacement from the previous DSP and compare to actuals for the period 2020-2024.
- c) Enabling Resilience and Modernization: Please provide the number of automated devices installed for each of the years 2020 to 2024.
- d) Meeting Growing Electricity Demand: The target for added station capacity by 2031 is 685 Mega Volt-Amp (MVA). Please provide the derivation of the 685 MVA.
- e) Vehicle Availability: Fleet Availability is defined as the time a vehicle is ready and fit for use by staff. Alectra Utilities plans to ensure that the fleet availability of operations vehicles will exceed 90% each year from 2027 to 2031.

- i. Please provide the data required for this metric and explain further how this metric is calculated and measured.
 - ii. Please provide the Vehicle Availability % for each of the years 2020 to 2024.
- f) System Reliability: Please provide the Average of the last 5 years (2020-2024) for SAIDI excluding MEDs and Loss of Supply.
- g) System Reliability: Please confirm the Failed Equipment – CHI target of 354,481 excludes MEDs.

2-AMPCO-20

Ref: 2A-1-1 p.80

The fourth and final stage of Alectra Utilities’ Asset Management Process includes a review of work and project deliverables, reporting on performance measures, and developing improvement action plans that inform the next cycle of the Asset Management Process

Utilizing a recent completed project as an example, please provide a copy of the final project review undertaken with respect to work and project deliverables as described above.

2-AMPCO-21

Ref: 2A-1-1 pp.97-110

- a) Page 97: Please confirm the Copperleaf AIPM software was used to develop the Optimized (Draft Plan), Accelerated and Reduced Capital Plan projects/amounts that were presented to customers in the Phase 2 Customer Engagement. If not, please explain.
- b) Page 103: Did AMCL review the Risk Value Measures against Alectra’s Enterprise Risk Management (ERM) Policy?
- c) Page 105: Please provide the constraints used to develop the Draft Capital Plan:

Copperleaf Constraints	2027	2028	2029	2030	2031
Capex					
Opex					
Labour					

- d) Page 106: Alectra management reviewed each iteration of the Copperleaf optimized capital investment portfolio, evaluating the implications of deferring certain projects beyond the 2031 planning period and accepting alternative scheduling simulated by the Copperleaf optimization process.

Please provide the number of iterations of Copperleaf undertaken through Alectra's Asset Management Process to arrive at the Draft Capital Plan shared with customers in Phase 2.

- e) Page 109: Please confirm that Copperleaf optimization was not used to optimize the final capital investment portfolio that incorporated customer feedback from Phase 2 and resulted in a net reduction of \$106MM over the 2027-2031 period.
- f) Please provide the total number of capital projects in the 2027-2031 DSP compared to the 2020-2024 DSP.
- g) Please provide Alectra's forecast of asset condition for All Assets, Poles, Transformers, Switchgear, O/H Switches, and UG Cable at the end of 2031 against each level of forecast DSP investment spending: Accelerated, Moderate and Reduced. In the response explain the methodology and assumptions.

2-AMPCO-22

Ref: 2A-1-1 p.112

Please provide a list of all material projects undertaken over the period 2020-2024 that resulted in a final project cost greater than 10% and over \$100k, and in the response provide the baseline budget (\$), final/project cost (\$), the variance (\$), an explanation of the variance and indicate whether or not a formal Variance Review was undertaken.

2-AMPCO-23

Ref: 2A-1-1 p.113

Please provide a list of Alectra's project execution metrics that it monitors and reports on.

2-AMPCO-24

Ref: 2A-1-1 pp.115

- a) Please provide the asset failure rates (%) for All assets, poles, transformers, switchgear and O/H switches for each of the years 2020 to 2025.
- b) Please provide the asset replacement rates (%) for All assets, poles, transformers, switchgear and O/H switches for each of the years 2020 to 2025.

2-AMPCO-25

Ref: 2A-1-1

a) Page 120: Please complete the following table:

Capital \$	2020	2021	2022	2023	2024	2025
Planned Work						
Unplanned Work						

b) Page 121: Please explain Alectra's red-lining process.

2-AMPCO-26

Ref: 2A

Please provide Appendix 2-AA at the segment level and show the split (%) between internal and external resources for each segment and the totals.

2-AMPCO-27

Ref: 2A-1-1 p.127

Please complete the following Table:

Resources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
FTEs												
Lines												
Stations												
Control Room												
Distributor Design												
Other – General Plant												

2-AMPCO-28

Ref: 2A-1-1 pp.129-130

a) Please define the four project tiers and in the response provide the oversight requirements.

- b) Please provide the defined thresholds and approval pathways for the Project Change Request.
- c) Please explain how project performance is tracked at the portfolio level.

2-AMPCO-29

Ref: 2A-1-1 p. 138

Alectra Utilities is a host distributor to HONI at one station.

Please provide the station name and municipality.

2-AMPCO-30

Ref: 2A-1-1 p.175

- a) Please confirm Alectra records the age of an asset when it fails.
- b) Does Alectra record the age of an asset when an asset deficiency is identified through inspection and monitoring programs?

2-AMPCO-31

Ref: 2A-1-1 p. 222

Please recast Figure 5.3.2 - 70 showing XLPE and PILC cable and XLPE and PILC cable accessories separately.

2-AMPCO-32

Ref: 2A-1-1

- a) Please complete the following Table:

Asset Class	Total # Assets Replaced 2020-2025	# Assets Replaced in poor or very poor condition 2020-2025	# assets replaced at End of Life 2020-2025	# assets replaced in poor or very poor condition & at End of Life 2020-2025
Transformers				
Switchgear				
Poles				

O/H Switches				
U/G Cable				

b) Please provide the Table in part a) for the forecast years 2027-2031.

2-AMPCO-33

Ref: 2A-1-1 p. 260

Copperleaf’s Predictive 5 Analytics (PA) tool generates renewal plans on the aggregate of optimal replacement timing of individual assets. These renewal quantities are further modified according to Alectra Utilities’ pacing strategies; Accelerated, Moderate, and Reduced.

Please complete the following Table:

# Assets Replaced (Renewal Quantities)	Accelerated Pacing	Moderate Pacing	Reduced Pacing
Total Assets			
Transformers			
Poles			
Switchgear			
O/H Switches			
U/G Cable			

2-AMPCO-34

Ref: 2A Appendix E

- a) Please confirm there is Subject Matter Expert (SME) input as part of the Health Index Output (Figure 3 p. 3) and there is an SME Review following the Health Index step as part of the Asset Management Process (Figure 2 p. 2).
- b) Please identify any key asset classes that do not have a Health Index result.
- c) Please list the asset groups where age has significant weight in the HI calculation.

2-AMPCO-35

Ref: 2A Appendix E p. 2

Please complete the attached excel spreadsheet. In the response please qualify the extent of data gaps for each category as low to high where low means not much more condition data needs to be incorporated and high meaning important condition parameters have yet to be incorporated.

2-AMPCO-36

Ref: 2A-1-1 Appendix B

Please provide a schedule that sets out all capital contributions at the segment level for the period 2020 to 2031.

2-AMPCO-37

Ref: 2A-1-1 Appendix B

Please identify any investments by project number in Appendix B that have dependencies with respect to the completion of other Alectra projects or third-party projects such as Road Authority or Transit Projects.

2-AMPCO-38

Please complete the attached excel spreadsheet.

2-AMPCO-39

Ref: 2A-1-1 Appendix B-01 p. 1

- a) Please provide the number of Voltage Conversion projects for the period 2020-2025 compared to 2026-2031.
- b) Please provide the timeline and budget for the remaining Voltage Conversion projects beyond 2031.

2-AMPCO-40

Ref: 2A-1-1 Appendix B-01 pp.37-51

Please provide the total number of assets to be replaced 2027-2031 through Voltage Conversion projects by key asset type.

2-AMPCO-41

Ref: 2A-1-1 Appendix B-02 p. 64

- a) With respect to the asset categories in Figure B02-1, please provide the number of outages by year for the years 2020 to 2025.
- b) Please provide the assets included in the category OH Line Hardware.

2-AMPCO-42

Ref: 2A-1-1 Appendix B-02 p. 108

- a) Please provide the number of Civil Structures replaced (entire civil structure) over the period 2019 to 2025.
- b) Please provide the number of vault / manhole lids replaced over the period 2019 to 2025.
- c) Please provide the number of Civil Structures to be replaced (entire civil structure) by year for each of the years 2026 to 2031.
- d) Please provide the number of vault / manhole lids to be replaced by year for each of the years 2026 to 2031.

2-AMPCO-43

Ref: 2A-1-1 Appendix B-05 p. 189

- a) Please provide the total number of deficiencies for each of the years 2020 to 2025.
- b) Please provide the total number of deficiencies identified through each of the inputs to “Deficiencies” for the period 2020 to 2025.
- c) With respect to Studies & Analysis, please provide a summary of the studies & analysis undertaken over the period 2020-2025.
- d) Please provide the allocation of total deficiencies to Reactive Capital and Planned Capital for the 2020-2025 period.
- e) Please provide a breakdown of the number of deficiencies in Reactive Capital for each of the years 2020 to 2025 for the following asset categories: Poles, Transformers, U/G Cable, Switches.

2-AMPCO-44

Ref: 2A-1-1 Appendix B-05 p. 194 Figure B05-6

Please provide the Reactive Replacement Costs by asset type for each of the years 2020-2025.

2-AMPCO-45

Ref: 2A-1-1 Appendix B-07

With respect to the Kennedy Road Consolidation Project:

- a) Please compare on a line by line basis the final project cost to the baseline budget for the project.
- b) Please explain any cost variances greater than 10% and greater than \$100k.
- c) Please explain any schedule variances greater than 90 days.
- d) Please provide any variance analysis reports for the project.
- e) Please provide any change order documents for the project.
- f) Please provide the project closure report.

2-AMPCO-46

Ref: 2A-1-1 Appendix B-08

- a) Please explain how Alectra calculates vehicle downtime.
- b) Please provide the vehicle downtime rate for each of the years 2020 to 2025.
- c) Please provide the forecast vehicle downtime rate at the end of 2031.
- d) Page 318: Fleet growth is directly tied to the growth of Alectra's Operations Team. Please provide the analysis including assumptions behind the derivation of Alectra's fleet growth forecast of 74 vehicles.
- e) Page 320: Please add the years 2020 to 2025 to Table B08-2.
- f) Page 321: Please provide 2025 actuals in Table B08-4.

- g) Page 325: Please provide a copy of the 2024 third-party fleet assessment by ARI.
- h) Page 332: Please provide the final cost in 2025 for Fleet Renewal.
- i) Page 335: Please provide the number of vehicle failures by vehicle type for the period 2019 to 2025.

2-AMPCO-47

Ref: 2A-1-1 Appendix B-09

- a) Page 353: Please provide the business case for the proposed \$12 million in ERP investments.
- b) Please provide the total savings related to IT investments over the period 2017-2031.

2-AMPCO-48

Ref: 2A-1-1 Appendix B-09 Pages 356-357

- a) The proposed Business Optimization investment includes \$7.7 million for the C55 project. Please provide the business case this project.
- b) Please confirm Alectra's C55 Platform is currently only applicable to capital projects. If not, please discuss.
- c) Please provide a percentage assessment of Alectra's progress on implementation of IFS C55 compared to the platform designed by Copperleaf Technologies Inc. and in the response summarize any key features with respect to evaluation of individual investments and optimization of the value of an investment still to be implemented.
- d) Please provide a detailed breakdown of costs and schedule for Project 151136.

2-AMPCO-49

Ref: 2A-1-1 Appendix B-10

- a) Page 407: For Residential Subdivisions please provide the average gross unit cost expenditures for each year 2020 to 2025 and show the calculations.
- b) Page 407: For High Rise Condominium Buildings, please provide the average gross unit cost expenditures for each year 2020 to 2025 and show the calculations.

- c) Page 408: Please provide the number of Customer Initiated Expansion and Relocation Projects, Transit Expansion projects and Customer Initiated Joint Use Projects for each of the years 2020 to 2025 and the forecast for each of the years 2026 to 2031.
- d) Page 408: Please provide a breakdown of the Customer Initiated budget between the following categories: Customer Initiated Expansion and Relocation Projects, Transit Expansion projects and Customer Initiated Joint Use Projects for each of the years 2020 to 2031.
- e) Page 414: For each project in Table B10-8, please provide the spending by year, the investment driver and the in-service date.

2-AMPCO-50

Ref: 2A-1-1 Appendix B-11

- a) Please provide a list of Road Authority projects included in the 2020-2024 DSP and in the response provide the DSP budget and km compared to actuals for each project.
- b) Please provide a list Transit projects included in the 2020-2024 DSP and in the response provide the DSP budget and km compared to actuals for each project.

2-AMPCO-51

Ref: 2A-1-1 Appendix B-12

- a) Page 453: Please provide the number of feeders to be constructed and/or upgraded under each investment category: Greenfield Expansion, Intensification, Inadequate Back-up Capacity and Primary Supply to MSs.
- b) Page 479: For each project in Table B-12, please provide the spending by year and in-service date.

2-AMPCO-52

Ref: 2A-1-1 Appendix B-14 p. 572

- a) Page 572: As a result of SCADA, Automation and System Control investments, please provide the percentage of Alectra's grid that is currently automated.

- b) Page 572: Please provide the percentage of the grid that is forecast to be automated by the end of 2031 due to SCADA, Automation and System Control investments.
- c) Page 597: For each Rear Lot Conversion project, please provide a summary of the quantity of key assets to be removed and installed. In the response indicate the number of assets removed by asset type that are in poor and very poor condition.

2-AMPCO-53

Please complete the attached excel spreadsheet.

2-AMPCO-54

Ref: 2A-1-1 Appendix L

- a) Page 2: Please add 2025 data to Table L-1.
- b) Page 3: Please provide the number of Momentary Outages for each of the years 2019 to 2025.
- c) Page 2: Please add 2025 data to Table L-3.
- d) Page 7: With respect to Figure L-4, please explain the major causes of Foreign Interference and provide Alectra's response to the significant contribution of Foreign Interference to the Average Number of Sustained Outages (2020-2024).
- e) Page 12: With respect to Figure L-9, please confirm the 344 Transformer outages are on Hydro One's system and fall under Loss of Supply.
- f) Page 12: Please provide the Failed Equipment without MEDs average for 2020-2024 in the same format as Figure L-9 split between Overhead, Underground and Stations.
- g) Page 13: Details on reliability data by OEB cause code is provided in Table L – 4, Table L - 5 and Table L - 6).

Please confirm Tables L-4, L-5 and L-6 exclude MEDs in the Outage Cause Codes. If not, please provide Tables L-4, L-5 and L-6 excluding MEDs.

- h) Page 13: Please add 2019 and 2025 data to Table L-4.

- i) Page 13: With respect to Table L-4, please provide a further breakdown of Defective Equipment by cause for each of the years 2019 to 2025.
- j) Pages 13-14: Please provide Planned compared to Actuals for Scheduled Outages for the following: Number of Interruption Events, Customer Interruptions and Customer Hours of Interruption.
- k) Page 13: Please add 2019 and 2025 data to Table L-5.
- l) Page 13: With respect to Table L-5, please provide a further breakdown of Defective Equipment by cause for each of the years 2019 to 2025.
- m) Page 14: Please add 2019 and 2025 data to Table L-6.
- n) Page 14: With respect to Table L-6, please provide a further breakdown of Defective Equipment by cause for each of the years 2019 to 2025.
- o) Page 14: Alectra Utilities along with Toronto Hydro and Ottawa Hydro are part of the same peer reliability benchmark group (Very Large with High Undergrounding).
- p) Please provide the % of Undergrounding for Alectra, Toronto Hydro and Ottawa Hydro.
- q) Please confirm Alectra's targets for SAIDI and SAIFI.
- r) Please provide Alectra's SAIDI and SAIFI targets excluding LOS.
- s) Does Alectra have a MAIFI Target? if yes, please provide.

2-AMPCO-55

Ref: 2A-1-1 Appendix M p. 1

- a) With respect to Table M-1, please add 2019 and 2025 data, and please add a column to show the Number of Interruptions per MED.
- b) Please confirm the data in Table M-1 can be added to Tables L-4, L-5 and L-6 (excluding MEDs) to arrive at the totals for Number of Interruption Events, Number of Customer Interruptions and Number of Customer Interruption Hours.

2-AMPCO-56

Please complete the attached excel spreadsheet.

2-AMPCO-57

Please complete the attached excel spreadsheet.

4-AMPCO-58

Ref: Ex 4-1-1 pp.6-7

- a) Please provide Table 4-1-1 at the segment level and show the split (%) between internal and external resources by year for each segment and the totals.
- b) Please provide Table 4-1-2 at the segment level and show the split between internal and external resources by year for each segment, and the totals, and in the response include 2025 actuals.

4-AMPCO-59

Ref: Ex 4-2-3 p.14

Please provide a summary of internal audits related to risk management, governance frameworks and internal controls undertaken since 2019.

2-AMPCO-60

Ref: Ex 4-2-5 p.11

Please provide the forecast value of the commodity types in Table 4-2-30 in 2031 based on projected quantities by 2031.

4-AMPCO-61

Ref: Ex 4-2-6 p.17

Please provide a summary of the Project Management Framework and Governance document(s) developed by the Project Management Office (PMO) that outlines the structured set of integrated project management processes.

4-AMPCO-62

Ref: Ex 4-2-7 p.5

- a) Please provide the number of power quality inquiries from Large Use customers for each of the years 2020 to 2025.
- b) Please discuss Alectra’s response to power quality issues raised by Large Use customers.
- c) Please provide the forecast spend over the DSP directly related to improving power quality for Large Use customers.

4-AMPCO-63

Ref: Ex 4-2-12 p.7

- a) Page 7: Please add 2025 actuals to Table 4-2-84.
- b) Page 7: Please add 2025 data to Table 4-2-86.

4-AMPCO-64

Ref: Ex 4-2-14 p.9

- a) Page 6: Please provide the document that governs the Request for Change process.
- b) Page 7: Please provide the full list and description of key project performance indicators monitored by PDG.
- c) Page 7: Please complete the following table:

	Total # Projects Delivered	# Projects Delivered within 90 days of Planned Finish (Late)	# Projects Delivered > 90 days of Planned Finish (Late)	# Projects Delivered > 10% of Planned Cost and >\$100,000
2020-2025				

4-AMPCO-65

Ref: Ex 4-2-14 p.9

Please provide the data in Table 4-14-9 for the years 2020-2025 actuals.

4-AMPCO-66

Ref: Ex 4-2-15

a) Please provide the planned cut cycle accomplishments compared to actuals each of the years 2020 to 2025.

b) Please provide the planned cut cycle accomplishments for each of the years 2026 to 2031.

4-AMPCO-67

Ref: Ex 4-2-16

a) Please complete the following table:

	2020	2021	2022	2023	2024	2025
# Overhead Asset Inspections Completed						
Cost \$						
\$/Unit						

b) Please provide the table in part (a) for the years 2026 to 2031.

c) Please complete the following table:

	2020	2021	2022	2023	2024	2025
# Potential Corrective Actions						
# Classified as Grade 1						

d) Please provide for 2021-2025, the actual number and for 2026-2031 a forecast of:

- i. # disconnect/reconnect requests
- ii. # deficiencies
- iii. # of trouble calls
- iv. # overhead distribution assets requiring preventive maintenance or repairs

4-AMPCO-68

Ref: Ex 4-2-17

a) Please complete the following table:

	2020	2021	2022	2023	2024	2025
# Underground Asset Inspections Completed						

Cost \$						
\$/Unit						

b) Please provide the table in part (a) for the years 2026 to 2031.

4-AMPCO-69

Ref: Ex 4-3-1 p.2

Please provide the data that underpins Chart 4-3-1: Capital Expenditure and FTE.

4-AMPCO-70

Ref: Ex 4-3-3 p.2

a) Please provide Table 4-3-2 at the segment level and in the response add data for the years 2017 to 2020, update for 2025 actuals and provide an excel version of the Table.

e) Please explain why there are no FTE values for Vegetation Management beyond 2021 and Underground Maintenance & Inspection beyond 2024.

4-AMPCO-71

Ref: Ex 4-3-4 p.2

Please provide the number of employees eligible to retire for each of the years 2017 to 2031 and in the response provide the actuals for 2017 to 2025.

4-AMPCO-72

Ref: Ex 4-3-4 p.2

Please provide the spending on Training and Development for each of the years 2017 to 2031.

4-AMPCO-73

Ref: Ex 4-3-4 p.10

For each of the years 2017 to 2031, please provide the number of apprentices, students, and contract and temporary staff.

4-AMPCO-74

Ref: Ex 4-3-5 p.4

The note to Table 4-3-10 states “2025 provided a market adjustment for selected positions.” Please explain.

4-AMPCO-75

Ref: Ex 4-3-5 p.5

- a) Alectra provides the annual increases for union employees.
- b) Please provide the annual increases for the other FTE categories (Executive, Management, Non-Union) staff for each of the years 2017 to 2027.

4-AMPCO-76

Ref: Ex 4-3-5 p.6

The annual general non-union and union labour rate increase is assumed to be 4%, 3.5%, 3.5% for 2025-2027 and 3.0% for years 2028-2031.

Please provide the derivation of the annual general labour rate increase assumptions for non-union and union labour.

4-AMPCO-77

Ref: Ex 4-3-5 p.6; Ex. 4-1-3 p.10

The budget includes allocations for hourly wage progressions and increases for employees that are not yet at the job rate. Chart 4-1-3 shows \$12MM for labour progressions/adjustments.

Please provide the derivation of the \$12MM in labour progressions/adjustments and in the response provide all assumptions.

4-AMPCO-78

Ref: Ex 4-3-5 p.6; Appendix 2-K

Please reconcile the employee benefit costs in Table 4-3-12 to the Total Benefits line in Appendix 2-K.

4-AMPCO-79

Ref: Ex 4-3-5 p.6

- a) Please provide the vacancy rate for Executive positions for each of the years 2019 to 2025.

b) Please provide the vacancy assumption in the budget on the basis of labour cost reductions for each of the years 2027 to 2031 and provide the calculation.

c) Please provide the employee turnover rate for each of the years 2019 to 2025.

4-AMPCO-80

Ref: Appendix 2-K

a) With respect to Appendix 2-K, please provide the number of employees, Salary and Wages, Benefits and Compensation data by the following FTE categories: Executive, Management, Union, and Non-Union. In the response, please provide a further breakdown of overtime, short-term incentive pay, long-term incentive pay by the above FTE categories, update for 2025 actuals, and provide an excel version of the response.

b) Please complete the following Table.

Labour	2020	2021	2022	2023	2024	2025
Regular Hours - Forecast						
Regular Hours - Actual						
Overtime Hours - Forecast						
Overtime Hours - Actual						
Regular \$ - Forecast						
Regular \$ - Actual						
Overtime \$ - Forecast						
Overtime \$ Actual						

c) Please complete the following Table.

Labour	2026	2027	2028	2029	2030	2031
Regular Hours - Forecast						
Overtime Hours - Forecast						
Regular \$ - Forecast						
Overtime \$ - Forecast						

d) Please provide the number of Part-Time FTEs for each of the years 2017 to 2031 by Employee category.

e) Please provide the number of employees that are eligible for short-term incentive pay, and long-term incentive pay, by FTE categories (Executive, Management, Union, and

Non-Union) for each of the years 2017 to 2031.

- f) Please provide the number of eligible employees who received short-term incentive pay, and long-term incentive pay, for each year 2020 to 2025.
- g) Please provide the assumptions in the 2027-2031 budget with respect to incentive pay.

4-AMPCO-81

Ref: Appendix 2-JB

- a) Please provide a detailed breakdown and explanation of Non-Labour cost drivers in Appendix 2-JB in excel format.
- b) Please explain any significant trends.

8-AMPCO-82

Ref: 8-1-1 p.24

Please provide the number of customers by applicable customer class and rate zone that pay the Transformer Ownership Allowance.

8-AMPCO-83

Ref: 8-1-1 p.28

Please provide Table 8-1-18 on the basis of changes to monthly fixed and variable rates only.

8-AMPCO-84

Ref: 8-2-2 p.3

- a) Please provide the F/V split for the Large Use class for 2025 for each legacy rate zone.
- b) Please provide the F/V split for the LUDA class for 2025.

8-AMPCO-85

Ref: 8-2-2 p.14

Please provide the number of customers by applicable customer class and rate zone that pay Standby Rates for each of the years 2020 to 2025.

8-AMPCO-86

Ref: 8-2-2 p.15

Alectra Utilities proposes to eliminate the HRZ's Standby Power rate class, and transition all customers into the applicable rate GS>50 kW and Large Use classes.

- a) Please provide the number of customers impacted in each rate class.
- b) Please discuss if and how Alectra informed customers of the proposed change.

8-AMPCO-87

Ref: 8-2-2 p.17-19

- a) With respect to Alectra's Standby Rate Design Proposal discuss if and how Alectra informed Large Use customers of the proposed change.
- b) Please provide Table 8-2-20 on the basis of distribution bill impacts.