

SEC-1

Reference(s): Exhibit 2, Tab 1, Schedule 2, p. 4

Please estimate the amount of credit to customers that will accrue in the proposed pole attachment revenue variance account between now and the next rebasing of the Applicant, and provide the calculation supporting that estimate.

Response:

Alectra Utilities has estimated the amount of credit that will accrue to customers in the new pole attachment revenue variance account effective September 1, 2018. As provided in the *Accounting Guidance on Wireline Pole Attachment Charges* ("Accounting Guidance"), issued by the Ontario Energy Board ("OEB") on July 20, 2018, "From September 1 to December 31, 2018, the amount to be recorded in the new variance account shall be based on the excess of revenue collected/recorded on a monthly basis as a result of the difference between the revenue charged to carriers at the new rate of \$28.09 and the existing rate of \$22.35 per pole attachment per year. From January 1 to December 31, 2019, the amount to be recorded to this newly established variance account shall be based on the excess revenue collected/recorded on a monthly basis as a result of the difference between the new rate of \$43.63 and the existing rate of \$22.35 per pole attachment per year. Thereafter, beginning in 2020, the revenues to record each month to this variance account will be based on the excess revenue collected/recorded on a monthly basis on the difference between the inflation-adjusted rate per pole attachment per year, as determined by the OEB, and the prior rate of \$22.35 per pole."

For the purpose of the calculation in Table 1 below, Alectra Utilities has used an inflation rate of 1.2% beginning in 2020, based on the OEB's current inflation rate issued on November 23, 2017.

Table 1 – Forecasted pole attachment revenue deferral balances

		Sep-Dec 2018	2019	2020	2021	2022	2023	2024	2025	2026	2018-2026
Existing Rate		22.35	22.35	22.35	22.35	22.35	22.35	22.35	22.35	22.35	
New Rate		28.09	43.63	44.15	44.68	45.22	45.76	46.31	46.87	47.43	
	# Poles										
ERZ	20,888	\$40	\$444	\$455	\$467	\$478	\$489	\$501	\$512	\$524	\$3,910
BRZ	14,320	\$27	\$305	\$312	\$320	\$327	\$335	\$343	\$351	\$359	\$2,680
HRZ	50,929	\$97	\$1,084	\$1,110	\$1,137	\$1,165	\$1,192	\$1,220	\$1,249	\$1,277	\$9,532
PRZ	33,278	\$64	\$708	\$726	\$743	\$761	\$779	\$797	\$816	\$835	\$6,229
Alectra	119,415	\$228	\$2,541	\$2,604	\$2,667	\$2,731	\$2,796	\$2,861	\$2,928	\$2,995	\$22,351

1 In its Accounting Guidance, the OEB also stated that the OEB will consider requests for
2 disposition in an incentive-rate setting application for distributors in the midst of an extended
3 deferral period or if amounts to be accumulated in this account are assessed to be significant by
4 the distributor. Alectra Utilities will assess the balance in this account for materiality on an
5 annual basis.

SEC-2

Reference(s): Exhibit 2, Tab 1, Schedule 2, p. 13

Please confirm that the Applicant is not seeking a determination by the Board of the prudence of the 2017 capital expenditures of Horizon Utilities or the 2017 capital expenditures of any of the Alectra rate zones.

Response:

- 1 Alectra Utilities confirms that it is not seeking approval of 2017 capital expenditures for any of its
- 2 rate zones. As provided in Exhibit 2, Tab 1, Schedule 2, p. 13, 2017 capital additions were
- 3 higher than the 2017 capital additions forecast in the Custom IR Application. Therefore, no
- 4 Capital Investment Variance Account ("CIVA") entry is required.

SEC-3

Reference(s): Exhibit 2, Tab 1, Schedule 6, p. 4

Please confirm that the regulatory net income before interest and taxes of Alectra for the 11 months ending December 31, 2017 was \$152,433,427. Please provide the audited financial statements of Alectra for that period, and reconcile those statements with that regulatory net income figure and with the net income allocated to Horizon RZ in Table 20.

Response:

- 1 Please see Alectra Utilities' response to HRZ-Staff-18 c).

SEC-4

Reference(s): Exhibit 2, Tab 1, Schedule 6, p. 8

Please provide the full allocation of 2017 rate base between the four rate zones and reconcile the resulting figures to:

- a) The amounts for Distribution Assets, General Plant, and Net Fixed Assets allocated to Horizon RZ as per Table 24;**
- b) The 2017 audited financial statements of Alectra as requested in the previous question.**

Response:

- 1 a) Alectra Utilities provided a calculation of rate base for Horizon Utilities for the purpose of the
2 ESM calculation. The allocation methodology used to determine the ESM is provided in
3 response to interrogatory HRZ-Staff-24. Alectra Utilities' financial data was reported on a
4 consolidated basis and not by rate zone in 2017. Further, on page 26 of the Decision and
5 Order in Alectra Utilities' prior consolidation application (EB-2016-0025), the OEB indicated
6 that: *"The Handbook, however, sets out that having consolidating entities operate as one*
7 *entity as soon as possible after the transaction is in the best interest of consumers. The*
8 *OEB is of the view that this principle continues to be applicable in this case. The OEB does*
9 *not require, nor encourage reporting on a "separate" utility basis."*
10
- 11 b) Please see response to part a). Alectra Utilities' financial data for the post-consolidation
12 period was completed for the consolidated entity, and not by rate zone. Therefore a
13 reconciliation of 2017 rate base by rate zone to the audited financial statements is not
14 available.

SEC-5

Reference(s): Exhibit 2, Tab 1, Schedule 6, p. 12

Please explain in more detail the rate zone specific allocations of OM&A totaling \$3,556,000.

Response:

- 1 These are legal and environmental provisions specific to the ERZ and PRZ that do not impact
- 2 the HRZ. As provided in Exhibit 2, Tab 1, Schedule 6, page 11, *"before the allocation of OM&A*
- 3 *to the rate zones, merger costs and specific distribution-related amounts not pertaining to the*
- 4 *Horizon Utilities RZ were adjusted."* The adjustment effectively lowers the total amount of OM&A
- 5 to be allocated for the purpose of the ESM calculation.

SEC-6

Reference(s): Exhibit 2, Tab 1, Schedule 6, p. 14

Please provide the full form T2S1 calculation of taxable income of Alectra for 2017, and the calculation of overall tax payable including details of all credits and adjustments, and reconcile those calculations and results with Table 31.

Response:

- 1 Please refer to Alectra Utilities' response to HRZ-Staff 21 for the calculation of the taxable
- 2 income for the 2017 financial statement tax provision. Also included in the response are the
- 3 details of the allocations to the Horizon Utilities Rate Zone.

SEC-7

Reference(s): Exhibit 2, Tab 1, Schedule 6, p. 15

Capital expenditures for Horizon and in the Horizon RZ have been consistently higher than those forecast in the EB-2014-0002 proceeding and approved by the Board. Please provide details of all customer engagement by Horizon or Alectra that demonstrates that customers want increases in capital spending and would be willing to pay for that in increased rate base on rebasing.

Response:

- 1 Please refer to the Alectra Utilities' response to Interrogatory CCC-6 a) for an overall
- 2 explanation of reasons for higher additions compared to plan. The increase in System Access
- 3 work is a result of mandatory investments, necessary for compliance with the Distribution
- 4 System Code ("DSC") for new connections, Measurement Canada for metering and the Public
- 5 Service Work on Highway Act ("PSWHA").
- 6
- 7 In any event, any overspending by Alectra Utilities is not relevant to the issues in this
- 8 proceeding as Alectra Utilities is not seeking recovery of such amounts.

SEC-8

Reference(s): Exhibit 2, Tab 2, Schedule 7, p. 2

With respect to the change in capitalization policy for Brampton RZ:

- a) Rate base will be \$1,807,650 lower as a result of the capitalization change, comprising lower capitalization of costs of \$1,830,532, offset by \$22,882 reduction in depreciation expense.**
- b) Return on capital will be lower by \$130,252 as a result of the decrease in rate base.**
- c) Grossed- up PILs expense related to return on capital will be lower by \$24,245 (\$67,245/(1-26.5%)-\$67,245)) as a result of the decrease in rate base.**
- d) OM&A expenses will be \$1,830,532 higher and Depreciation will be \$22,882 lower as a result of reduced capitalization.**
- e) Please explain why income tax on the higher OM&A is added back, and income tax on the lower return on equity is not deducted.**
- f) Please confirm that, had the capitalization policy applied in 2017 been in place at the time of rebasing, the effect would be that revenue requirement would be higher as follows:**
 - a. Increase by \$1,830,532 due to higher OM&A**
 - b. Decrease by \$22,882 due to lower depreciation**
 - c. Decrease by \$130,252 due to lower cost of capital, and**
 - d. Decrease by \$24,245 due to lower grossed-up PILs,**
 - e. For a net impact of \$1,653,153 higher revenue requirement.**

Response:

- 1 a)-f) Alectra Utilities confirms that had the capitalization policy been in place at the time of
- 2 rebasing, the effect would be that revenue requirement would be higher as follows for the
- 3 following 3 items:
- 4
 - a. Increase by \$1,830,532 due to higher OM&A
 - b. Decrease by \$22,882 due to lower depreciation
 - c. Decrease by \$130,252 due to lower cost of capital
- 5 Alectra Utilities does not agree with the impact of \$24,245 due to lower grossed-up PILs. The
- 6 calculation of grossed-up PILs proposed by SEC does not account for the timing difference
- 7 between depreciation and Capital Cost Allowance ("CCA") which is included in the PILs
- 8 calculation at the time of rebasing. In the Ontario Energy Board's ("OEB") Chapter 2 *Filing*

1 *Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2019 Rate*
2 *Applications* (the “Filing Requirements”), dated July 12, 2018, at Section 2.4.5.1, the OEB
3 provides guidance on the calculation of income tax or PILs. At p.36 of the Filing Requirements,
4 the OEB states: “*The applicant must provide the following information: Detailed calculations of*
5 *income tax or PILs, as applicable. These calculations must include a completed PDF and live*
6 *Microsoft Excel version of the income tax/PILs model available on the OEB’s website, including*
7 *derivation of adjustments (e.g. tax credits, CCA adjustments) for the historical, bridge and test*
8 *years.*” Therefore, grossed-up PILs expense related to the return on capital will be lower by
9 \$6,095, as a result of the decrease in rate base. The net impact, at the time of rebasing, would
10 be \$1,671,303 higher revenue requirement.

Table 1 below summarizes the net impact over the deferred rebasing period based on the methodology proposed above, with the correction to the calculation of PILs to include the timing difference between depreciation and CCA. The data is presented in the same format used in response to undertaking JT.Staff-7, in Alectra Utilities 2018 Rate Application (EB-2017-0024).

Table 1 – Net Impact of Capitalization Policy Change Brampton RZ

Capitalization Policy Impact (\$000s)	2017_Actual	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017-2026
OM&A Impact	(1,831)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(22,978)
Depreciation Impact	23	101	168	235	302	369	436	504	571	638	3,346
PILs Impact	6	240	277	354	424	483	533	574	606	631	4,129
Return on Capital Impact	130	292	450	602	749	892	1,030	1,163	1,291	1,415	8,014
Total Net Impact	(1,671)	(1,717)	(1,455)	(1,158)	(874)	(605)	(350)	(109)	\$118	\$333	(7,489)

Table 2 below summarizes the net impact over the deferred rebasing period based on the methodology approved by the OEB in its Decision and Partial Accounting Order, issued December 20, 2017. In its Decision, the OEB stated: *“The revenue requirement will be calculated each year based on actual costs for OM&A, depreciation expense, income tax or PILs, and return on capital (debt and equity). This approach will result in the actual financial consequences of the change to the capitalization policy being recorded in the new accounts.”*

As provided in response to JT.Staff-7, the net impact of the change in OM&A and depreciation is forecasted to increase or decrease pre-tax net income. This will attract higher or lower (higher in the case of Enersource and lower in the case of Brampton) income taxes paid to taxation authorities. The net change based on the methodology proposed in SEC-8 over the 10-year rebasing deferral period is \$7,489K compared to \$7,453K based on the methodology approved by the OEB. Alectra Utilities maintains that its calculation of PILs as provided in this Application and as outlined in response to JT.Staff-7 appropriately captures the actual financial consequences of the change to the capitalization policy.

Table 2 – Net Impact of Capitalization Policy Change Brampton RZ (based on OEB’s Decision and Partial Accounting Order)

Capitalization Policy Impact (\$000s)	2017_Actual	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017-2026
OM&A Impact	(1,831)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(2,350)	(22,978)
Depreciation Impact	23	101	168	235	302	369	436	504	571	638	3,346
PILs Impact	466	561	516	474	436	402	369	340	313	288	4,164
Return on Capital Impact	130	292	450	602	749	892	1,030	1,163	1,291	1,415	8,014
Total Net Impact	(1,212)	(1,396)	(1,217)	(1,038)	(862)	(687)	(514)	(343)	(175)	(10)	(7,453)

SEC-9

Reference(s): Exhibit 2, Tab 3, Schedule 10, p. 12, 21

Please confirm that, in obtaining customer feedback on the Bathurst Road widening, the Applicant gave two alternatives: one that was not legally allowed, because the project is mandatory, and one that is five times as expensive, and thus determined by the Applicant to be “uneconomical”. Please confirm that, with that context, most customers selected the Applicant’s preferred option.

Response:

Alectra Utilities does not confirm the statement. The question referenced in this interrogatory for the Bathurst Road widening project was as follows (See Appendix 3.5 - PowerStream Residential Telephone Questionnaire, p12):

The third project involves relocating both overhead and underground wires and supporting equipment as part of the Bathurst Street road widening from Highway 7 to Teston road.

Powerstream has two options for this project. It can (ROTATE)

- move the current mix of overhead and underground wires and equipment at a cost of \$5.5 million dollars, OR*
- replace the overhead system with an underground system for better protection against weather and collisions from vehicles at a cost of between \$25 and \$35 million dollars.*

Given earlier customer feedback emphasizing the need to keep rate increases down, PowerStream is currently planning on taking the first option - to move the current mix of overhead and underground wires and equipment

Which option do you prefer? [ROTATE 1 and 2]

01 Move the current mix of overhead and underground wires and equipment at a cost of \$5.5 million dollars, resulting in a monthly increase of 6 cents for the average residential customer.

02 Replace the overhead system with an underground system at a cost of between \$25 and \$35 million dollars, resulting in a monthly increase of between 25 cents and 35 cents for the average residential customer.

98 Don't know [DNR]

99 *Refused [DNR]*

The Bathurst Road widening project is a mandatory investment. Not proceeding with this project would be in direct violation of the Public Service Works on Highways Act ("PSWHA") and Section 3.4 of the Distribution System Code. As such, customers were presented with the two options considered by Alectra Utilities: Installation of underground feeder cables in place of an overhead system or Relocate Overhead and Underground Assets.

It was found that all three of the business groups preferred staying with the current mix of overhead and underground wires rather than replacing with an entirely underground system. However, residential customers were divided with 46% preferring the current mix to 45% preferring the all underground system option at a higher rate impact.

SEC-10

Reference(s): Exhibit 2, Tab 4, Schedule 7, p. 2

With respect to the change in capitalization policy for Enersource RZ:

- a) Rate base will be \$1,842,072 higher as a result of the capitalization change, comprising higher capitalization of costs of \$1,866,041, offset by \$23,968 increase in depreciation expense.**
- b) Return on capital will be higher by \$119,852 as a result of the increase in rate base.**
- c) Grossed- up PILs expense related to return on capital will be higher by \$23,723 (\$65,799/(1-26.5%)-\$65,799)) as a result of the increase in rate base.**
- d) OM&A expenses will be \$1,866,041 lower and Depreciation will be \$23,968 higher as a result of increased capitalization.**
- e) Please explain why income tax on the lower OM&A is deducted, and income tax on the higher return on equity is not added back.**
- f) Please confirm that, had the capitalization policy applied in 2017 been in place at the time of rebasing, the effect would be that revenue requirement in 2017 would be lower as follows:**
 - a. Decrease by \$1,866,041 due to lower OM&A**
 - b. Increase by \$23,968 due to higher depreciation**
 - c. Increase by \$119,852 due to higher cost of capital, and**
 - d. Increase by \$23,723 due to higher grossed-up PILs,**
 - e. For a net impact of \$1,698,498 lower revenue requirement.**

Response:

- 1 a)-f) Alectra Utilities confirms that had the capitalization policy been in place at the time of
- 2 rebasing, the effect would be that revenue requirement would be lower as follows for the
- 3 following 3 items:
- 4
 - a. Decrease by \$1,866,041 due to lower OM&A
 - b. Increase by \$23,968 due to higher depreciation
 - c. Increase by \$119,852 due to higher cost of capital
- 5 Alectra Utilities does not agree with the impact of \$23,723 due to lower grossed-up PILs. The
- 6 calculation of grossed-up PILs proposed by SEC does not account for the timing difference
- 7 between depreciation and Capital Cost Allowance ("CCA") which is included in the PILs
- 8 calculation at the time of rebasing. In the Ontario Energy Board's ("OEB") Chapter 2 *Filing*

1 *Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2019 Rate*
2 *Applications* (the “Filing Requirements”), dated July 12, 2018, at Section 2.4.5.1, the OEB
3 provides guidance on the calculation of income tax or PILs. At p.36 of the Filing Requirements,
4 the OEB states: “*The applicant must provide the following information: Detailed calculations of*
5 *income tax or PILs, as applicable. These calculations must include a completed PDF and live*
6 *Microsoft Excel version of the income tax/PILs model available on the OEB’s website, including*
7 *derivation of adjustments (e.g. tax credits, CCA adjustments) for the historical, bridge and test*
8 *years.*” Therefore, grossed-up PILs expense related to the return on capital will be higher by
9 \$5,453, as a result of the decrease in rate base. The net impact, at the time of rebasing, would
10 be \$1,716,767 higher revenue requirement.

Table 1 below summarizes the net impact over the rebasing deferral period based on the methodology proposed above, with the correction to the calculation of PILs to include the timing difference between depreciation and CCA. The data is presented in the same format used in response to undertaking JT.Staff-7, in Alectra Utilities 2018 Rate Application (EB-2017-0024).

Table 1 – Net Impact of Capitalization Policy Change Enersource RZ

Capitalization Policy Impact (\$000s)	2017 Actual	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017-2026
OM&A Impact	\$1,866	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	17,994
Depreciation Impact	(24)	(67)	(115)	(163)	(211)	(259)	(307)	(354)	(402)	(450)	(2,352)
PILs Impact	(5)	(412)	(298)	(340)	(388)	(431)	(468)	(499)	(524)	(543)	(3,906)
Return on Capital Impact	(120)	(232)	(341)	(447)	(550)	(650)	(746)	(840)	(930)	(1,018)	(5,875)
Total Net Impact	\$1,717	\$1,081	\$1,038	\$842	\$644	\$453	\$271	\$99	(64)	(219)	\$5,860

Table 2 below summarizes the net impact over the deferred rebasing period based on the methodology approved by the OEB in its Decision and Partial Accounting Order, issued December 20, 2017. In its Decision, the OEB stated: *“The revenue requirement will be calculated each year based on actual costs for OM&A, depreciation expense, income tax or PILs, and return on capital (debt and equity). This approach will result in the actual financial consequences of the change to the capitalization policy being recorded in the new accounts.”*

As provided in response to JT.Staff-7, the net impact of the change in OM&A and depreciation is forecasted to increase or decrease pre-tax net income. This will attract higher or lower (higher in the case of Enersource and lower in the case of Brampton) income taxes paid to taxation authorities. The net change based on the methodology proposed in SEC-8 over the 10-year rebasing deferral period is \$5,860K compared to \$6,535K based on the methodology approved by the OEB. Alectra Utilities maintains that its calculation of PILs as provided in this Application and as outlined in response to JT.Staff-7 appropriately captures the actual financial consequences of the change to the capitalization policy.

Table 2 – Net Impact of Capitalization Policy Change Enersource RZ (based on OEB’s Decision and Partial Accounting Order)

Capitalization Policy Impact (\$000s)	2017_Actual	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017-2026
OM&A Impact	\$1,866	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$1,792	\$17,994
Depreciation Impact	(24)	(67)	(115)	(163)	(211)	(259)	(307)	(354)	(402)	(450)	(2,352)
PILs Impact	(475)	(418)	(384)	(354)	(325)	(299)	(275)	(253)	(233)	(214)	(3,232)
Return on Capital Impact	(120)	(232)	(341)	(447)	(550)	(650)	(746)	(840)	(930)	(1,018)	(5,875)
Total Net Impact	\$1,247	\$1,075	\$951	\$828	\$706	\$584	\$464	\$344	\$226	\$110	\$6,535

SEC-11

Reference(s): Exhibit 2, Tab 4, Schedule 11, p. 13, 14

Please provide a list of all subdivision or neighbourhood rebuilds carried out in the period 2013-2018, together with a list of such rebuilds planned for the period 2019 to 2024, together with the actual or forecast cost, as the case may be, of each one.

Response:

- 1 Please refer to the attached file SEC-11_Attach 1_Overhead Rebuilds, which identifies capital
- 2 expenditures for Overhead Rebuilds.
- 3
- 4 Please refer to the attached file SEC-11_Attach 2_Subdivision Rebuilds, which identifies capital
- 5 expenditures for Subdivision Rebuilds.

ATTACHMENT SEC-11

ATTACHMENT 1 – OVERHEAD REBUILDS

[illegible]

ATTACHMENT SEC-11

ATTACHMENT 2 – SUBDIVISION REBUILDS

Subdivision Rebuild	Actuals (Costs in \$000s)					Forecast (Costs in \$000s)					TOTAL
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
LOYALIST DR 2013 REBUILD PHASE	\$ 1,086	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,086
CULLEN AVENUE REBUILD - ENERPO	\$ 1,322	\$ 107	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,429
PAISLEY BLVD WEST-WHALEY DR. R	\$ 2,946	\$ 153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,099
2013 GLEN ERIN AQUITAINE REBUI	\$ 41	\$ 1,405	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,447
2013 WOODHURST CRES UG REBUILD	\$ 971	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,023
2014 REBUILD - ELM DRIVE	\$ 9	\$ 1,319	\$ 561	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,889
2014 REBUILD - ISABELLA & KENB	\$ 9	\$ 2,703	\$ 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,716
2014 REBUILD, LOUIS - ANTIGUA	\$ -	\$ 2,143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,143
2015 REBUILD - VERHOEVEN REBU	\$ -	\$ -	\$ 1,992	\$ 346	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,338
2015 REBUILD - AUTUMN HARVEST	\$ -	\$ 4	\$ 2,404	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,410
2015 REBUILD - BEECHOLLOW CRES	\$ -	\$ 8	\$ 1,567	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,627
2015 REBUILD - ELLENGALE DRIVE	\$ 3	\$ 1	\$ 1,310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,314
2015 REBUILD - LINDENLEA	\$ -	\$ 5	\$ 2,256	\$ 121	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,382
2015 REBUILD UG - ACHILL CRES	\$ -	\$ 8	\$ 1,126	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,134
2015 UG REBUILD - MEADOWS BOU	\$ -	\$ 2	\$ 2,121	\$ 134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,257
2016 REBUILD - BROMSGROVE/CRA	\$ -	\$ -	\$ 2	\$ 2,283	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,285
2016 REBUILD - BEECHOLLOW CRES	\$ -	\$ -	\$ 4	\$ 1,456	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,460
2016 REBUILD - ELLENGALE - IBB	\$ -	\$ -	\$ 21	\$ 2,135	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,156
2017 - WRENWOOD & BAYSWATER RE	\$ -	\$ -	\$ -	\$ 13	\$ 1,729	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ 1,744
2017 REBUILD - BEECHOLLOW SECT	\$ -	\$ -	\$ 3	\$ 14	\$ 2,283	\$ 22	\$ -	\$ -	\$ -	\$ -	\$ 2,322
2017 U/G REBUILD - CLARKSON SE	\$ -	\$ -	\$ -	\$ 61	\$ 2,587	\$ 4	\$ -	\$ -	\$ -	\$ -	\$ 2,652
2017 U/G REBUILD - ELLENGALE S	\$ -	\$ -	\$ 3	\$ 10	\$ 1,477	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,490
2017 U/G REBUILD - MAPLE RIDGE	\$ -	\$ -	\$ -	\$ 19	\$ 1,754	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,773
2017 UG REBUILD - BURNINGOAK C	\$ -	\$ -	\$ 5	\$ 6	\$ 2,679	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,690
2018 - APPLIEDORE - SECTION 1	\$ -	\$ -	\$ -	\$ -	\$ 14	\$ 1,369	\$ -	\$ -	\$ -	\$ -	\$ 1,383
2018 UG REBUILD - GANANOQUE MO	\$ -	\$ -	\$ -	\$ 1	\$ 10	\$ 1,922	\$ -	\$ -	\$ -	\$ -	\$ 1,934
Project - Boughbeeches - Section 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,239	\$ -	\$ -	\$ -	\$ -	\$ 1,239
Project - Glen Erin & Montevideo - Section 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,961	\$ -	\$ -	\$ -	\$ -	\$ 1,961
Project - Tenth Line Main Feeder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,135	\$ -	\$ -	\$ -	\$ -	\$ 1,135
Project - Folkway & Erin Mills Main Feeder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,032	\$ -	\$ -	\$ -	\$ -	\$ 1,032
Project - Glen Erin & Battleford	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,064	\$ -	\$ 2,056	\$ 1,799	\$ 1,799	\$ 7,718
Project - Ellengale	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,885	\$ 2,056	\$ 1,542	\$ 2,056	\$ 7,538
Project - Clarkson	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,981	\$ 2,313	\$ 2,056	\$ 2,313	\$ 8,662
Project - Malton	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,229	\$ 1,542	\$ 2,056	\$ 1,799	\$ 7,625
Project - Copenhagen - Section 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,374	\$ -	\$ -	\$ 2,374
Project - Credit Woodlands Crt/Wiltshire (design complete)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,548	\$ -	\$ -	\$ 1,548
Project - City Centre Drive Cable Renewal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,548	\$ -	\$ -	\$ 1,548
Project - Baldwin Rd/ ROW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,486	\$ -	\$ -	\$ -	\$ 1,486
Project - Golden Orchard/ Grassfire	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,486	\$ -	\$ -	\$ -	\$ 1,486
Project - Cedarglen Gate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,885	\$ 2,313	\$ 2,056	\$ 2,056	\$ 8,309
Project - Folkway Dr. Main Feeder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,885	\$ 2,313	\$ -	\$ -	\$ 4,198
Project - Traders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,885	\$ -	\$ 2,313	\$ 2,313	\$ 6,511
Project - Tamar & Copenhagen Main Feeder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,486	\$ -	\$ -	\$ -	\$ 1,486
Project - Forestwood/Stainton	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,056	\$ 2,056	\$ 4,112
Project - Tenth Line West Main Feeder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,542	\$ -	\$ 1,542
Project - Paisley Blvd	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,313	\$ 2,313	\$ 4,626
Project - Rathburn	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,313	\$ 2,056	\$ 4,369

SEC-12

Reference(s): Attachment 29, Bathurst St. Business Case

Please provide a list of all road widening projects carried out in the period 2013-2018, together with a list of such projects planned or expected for the period 2019 to 2024, together with the actual or forecast cost, as the case may be, of each one.

Response:

1 Please see the attached Table 1, which identifies all the distribution infrastructure relocation
2 projects carried out or to be carried out as a result of road widening projects by road authorities
3 in the period 2013-2020 in the PRZ, based on the best information currently available. The
4 actual net capital expenditures for the projects are provided from 2013-2017; the forecast net
5 capital expenditures are provided for 2018-2020. Plans for specific distribution infrastructure
6 relocation/road widening projects for 2021-2024 will be submitted as part of Alectra Utilities'
7 2020-2024 Distribution System Plan. Other miscellaneous projects include minor relocations for
8 road authority work such as bus shelter modifications, relocation of guying and anchor
9 infrastructure as well as minor sidewalk reconstruction as well as spot replacement of assets in
10 conflict with road work.

1 **Table-1- Road Authority Projects 2013-2020 with Actual and Forecasted Net Capital Expenditures**

PROJECT NAME	2013 Actual (\$000)	2014 Actual (\$000)	2015 Actual (\$000)	2016 Actual (\$000)	2017 Actual (\$000)	2018 Forecast (\$000)	2019 Forecast (\$000)	2020 Forecast (\$000)
YRRTC	-	-	75	778	16,294	19,009	1,600	-
EAST LAKE WILCOX RELOCATE 1 CCT 27.6KV	104	-	-	-	-	-	-	-
VMC ROAD PROJECT –OH RELOCATION –NORTH OF HWY 7 (EAST OF JANE STREET-WEST OF CN TRACK)	-	2,040	-	-	-	-	-	-
OH AND UG RELOCATION – SOUTH OF HWY 7 (JANE STREET – WEST OF C	-	448	-	-	-	-	-	-
MAIN ST. MARKHAM PH. 2 MAIN ST. MARKHAM- HWY 7 TO HWY	-	348	-	-	-	-	-	-
OH TO UG CONVERSION HWY 7 AND JANE ST	-	5,543	-	-	-	-	-	-
POLE RELOCATION KING VAUGHAN RD AND KIRBY RD	342	-	-	-	-	-	-	-
POLE RELOCATION MAIN ST - HWY 7 TO HWY 407	-	134	-	-	-	-	-	-
POLE RELOCATION MAJOR MACKENZIE DR.- PVD TO IS	-	807	-	-	-	-	-	-
POLE RELOCATIONS MAJOR MACK- WESTON TO ISLINGTO	-	857	-	-	-	-	-	-
POLE RELOCATIONS SNIVELY STREET & DRYNOCH AVE	143	-	-	-	-	-	-	-
RELOCAT. FOR RD WIDENING HWY7, HWY404 TO S TOWNCENTRE B	759	-	-	-	-	-	-	-
TESTON RD. HWY 400 X-ING TESTON RD.BETWEEN WESTON & 400	314	-	-	-	-	-	-	-
U/G RELOCATION S. TOWN CENTRE(HWY 7-CEDARLAND	-	895	-	-	-	-	-	-
DAYFOOT PHASE 1 RELOCATIONS DAYFOOT ST. - LILLY ST. WEST T	-	337	-	-	-	-	-	-
ESSA ROAD RECONSTRUCTION ESSA ROAD, BARRIE	-	677	-	-	-	-	-	-
POLE REBUILDD FOR 23M5 FERNDAL DR - BARRIE	-	1,254	-	-	-	-	-	-
RELOCATE POLES - ROAD WIDENING MELBOURNE DRIVE - BRADFORD	-	372	-	-	-	-	-	-
MAJOR MACKENZIE DR. PH 3 POLE REMOVALS	-	-	130	-	-	-	-	-
OH & UG RELOCATION DUE TO MTO MAJOR MACKENZIE DR & HWY 404	-	-	-	100	486	-	-	-
OH RELOCATION HWY 7 AND CN YARD, N. OF HWY 7	-	-	112	-	-	-	-	-
POLE LINE RELOCATION ST. JOHN'S SR - BAYVIEW TO 404	-	-	1,609	-	-	-	-	-
POLE RELOCATION LESLIE ST. & 19TH AVE	-	-	225	-	-	-	-	-
POLE RELOCATION FOR RD IMPROV. LESLIE ST. AT BETHESDA SIDEROA	-	-	-	446	-	-	-	-
POLE RELOCATIONS LESLIE ST, WELLINGTON-ST. JOHN	-	-	-	861	-	-	-	-
POLE RELOCATIONS FOR RD. EXT. DONALD COUSENS PKWY NORTH OF N	-	-	211	-	-	-	-	-

POLE RELOCATIONS RD. AUTHORITY BAYVIEW AVE N/O SUBRISCO AVE	-	-	648	-	-	-	-	-
POLE RELOCATIONS RD. AUTHORITY VANDORF SIDEROAD BETWEEN BAYVIEW AVE & KEELE STREET	-	-	289	-	-	-	-	-
RELOCATIONS FOR ROAD WIDENING HWY 7 - VERCLAIR GATE TO EO SCOTT	-	-	506	1,176	-	-	-	-
ROAD AUTH - AERIAL RELOCATION KEELE STREET PHASE 1	-	-	-	-	870	-	-	-
U/G RELOCATION FOR ROAD WORK ALLSTATE PKWY AND CENTURIAN DRIVE	-	-	717	-	-	-	-	-
YORK REGION ROAD WORK MAJ MCKENZIE - ISLINGTON TO 27	-	-	-	588	760	-	-	-
POLE RELOCATIONS FOR ROAD AUTH POLE RELOCATIONS FOR ROAD AUTH	-	-	-	-	423	-	-	-
BROCK ST HWY 400 CROSSING OH HWY CROSSING	-	-	1,132	191	-	-	-	-
DAYFOOT PHASE 2 RELOCATIONS DAYFOOT STREET, BEETON	-	-	-	182	-	-	-	-
MAJOR MACKENZIE DR. PH 3 - POLE REMOVALS	-	-	-	106	-	-	-	-
OH RELOCATION AT 14TH AVE& 9TH	-	-	-	125	-	-	-	-
OH & UG RELOC. AT BATHURST ST	-	-	-	74	-	-	-	-
POLE RELOCATIONS-MAJOR MACK - WESTON TO HWY 400	-	-	-	97	-	-	-	-
HYDRO RELOCATION - LAKELAND CRESCENT RICHMOND HILL	-	-	-	126	-	-	-	-
ROAD AUTH - AERIAL RELOCATION - KEELE STREET PHASE 1	-	-	-	127	-	-	-	-
RELOCATE 9 POLES - BAYVIEW - ELGIN MILLS TO 19TH	-	-	-	188	-	-	-	-
DUNLOP & MILLER RELOCATIONS DUNLOP & MILLER RELOCATIONS	-	-	-	-	383	-	-	-
LAKESHORE DR. ROAD RE-ALIGNMENT LAKESHORE DRIVE, BARRIE	-	-	227	-	-	-	-	-
POLE REBUILT FOR 23M5 FERNDALE DR - BARRIE	-	-	613	-	-	-	-	-
RELOCATE FOR RD RECONSTRUCTION KING STREET, ALLISTON	-	-	-	203	-	-	-	-
RELOCATE FOR ROAD IMPROVEMENTS RELOCATE UNDERGROUND PRIMARY	-	-	-	-	321	-	-	-
RELOCATE POLES - ROAD WIDENING MAPLEVIEW DRIVE - BARRIE	-	-	-	302	-	-	-	-
RELOCATE POLES FOR RD RELOCATION RELOCATE POLES FOR RD RELOCATION	-	-	-	123	-	-	-	-
RELOCATIONS FOR RD IMPROVEMENT MORROW ROAD RECONSTRUCTION	-	-	-	-	755	-	-	-
RODNEY ST. ROAD RECONSTRUCTION RODNEY ST. - BARRIE	-	-	192	-	-	-	-	-
TEMPORARY POLE LINE DAYFOOT ST	-	-	-	133	-	-	-	-
ST. JOHN'S SIDEROAD- BAYVIEW AVE TO HWY 404	-	-	-	-	-	528	-	-
RUTHERFORD ROAD (WESTBURNE DRIVE TO CONFEDERATION PKWY), VAUGHAN	-	-	-	-	-	851	-	-
LESLIE STREET - ELGIN MILLS TO 19TH AVENUE	-	-	-	-	-	330	-	-
MAPLEVIEW DRIVE (COUNTRY LANE TO MADELAINE DRIVE) POLE RELOCATIONS	-	-	-	-	-	462	-	-

ROYAL OAK DRIVE - UNDERGROUND REHAB AND RELOCATIONS FOR ROAD WORKS	-	-	-	-	-	1,109	-	-
TEMP. HYDRO RELOCATION - MAJOR MACKENZIE DRIVE BYPASS ROAD, WEST OF TIMBER CREEK BLVD, VAUGHAN - 100% CHARGEABLE - TEMP RELOC.	-	-	-	-	-	132	-	-
BARKER DC BUISNESS PARK, RICHMOND HILL	-	-	-	-	-	180	-	-
HWY 50 POLELINE RELOCATION - HW 50 - CASTLEMORE TO MAYFIELD	-	-	-	-	-	165	-	-
AURORA GO STATION POLE RELOCATION	-	-	-	-	-	264	-	-
POLE RELOCATION HWY 27 AND CPR	-	-	-	-	-	165	-	-
10TH SIDEROAD, SOUTH FROM HWY 88 - RELOCATE POLES FOR S/W ARTERIAL ROAD PROJECT	-	-	-	-	-	297	-	-
MAIN STREET FROM THOMPSONS ROAD TO BROCK STREET - PENETANGUISHENE	-	-	-	-	-	-	470	-
BELL FARM ROAD ROW EXPANSION - ST. VINCENT TO DUCKWORTH - BARRIE	-	-	-	-	-	-	660	-
HARVIE ROAD - ESSA ROAD TO BRYNE DRIVE -BARRIE	-	-	-	-	-	-	1,269	-
BARRIE	-	-	-	-	-	-	1,354	-
DUNLOP STREET RIGHT OF WAY EXPANSION - CEDAR POINTE TO ANNE-BARRIE	-	-	-	-	-	-	152	-
ESSA ROAD NEW TRANSMISSION WATERMAIN AND ROAD-BARRIE	-	-	-	-	-	-	545	-
BARRIE	-	-	-	-	-	-	1,036	-
SOUTH WEST ARTERIAL ROAD - 10TH SIDEROAD-BRADFORD	-	-	-	-	-	-	533	-
HWY 427 EXTENSION, LANGSTAFF RD E/O HUNTINGTON RD - PERMANENT RELOCATION	-	-	-	-	-	-	179	-
DUNLOP STREET, ANNE ST & SUNNIDALE ROAD BRIDGES	-	-	-	-	-	-	152	-
KEELE STREET FROM STEELES AVENUE TO HIGHWAY 7	-	-	-	-	-	-	242	-
BATHURST STREET FROM NORTH OF HWY 7 TO RUTHERFORD ROAD	-	-	-	-	-	-	5,500	2,800
OH AND UG RELOCATION-10 INTERSECT., MMD(BAYVIEW AVE- LESLIE ST) AND LESLIE ST(MMD-JOHN ST), RICHMOND HILL AND MARKHAM	-	-	-	-	-	-	423	-
RUTHERFORD RD - JANE TO WESTBURNE	-	-	-	-	-	-	2,115	-
PERMANENT RELOCATION - PROCTOR AVE AND HENDERSON AVE.	-	-	-	-	-	-	17	-

GLEN SHIELDS AVE BRIDGE, VAUGHAN-PERMANENT RELOCATION							338	
BELL FARM ROAD ROW EXPANSION - ST. VINCENT TO DUCKWORTH	-	-	-	-	-	-	-	546
RODICK ROAD RECONSTRUCTION (14TH AVENUE TO MILLER AVENUE)	-	-	-	-	-	-	-	88
VICTORIA SQUARE (FORMERLY WOODBINE AVENUE – WOODBINE BY-PASS SOUTH TO WOODBINE BY-PASS NORTH)	-	-	-	-	-	-	-	963
ROAD AUTHORITY - TOWN OF AURORA	-	-	-	-	-	-	-	180
ROAD AUTHORITY - TOWN OF BRADFORD	-	-	-	-	-	-	-	347
ROAD AUTHORITY - TOWN OF RICHMOND HILL	-	-	-	-	-	-	-	396
OTHER MISC. PROJECTS	760	237	738	1,372	612	169	462	381
TOTAL ROAD AUTHORITY CAPEX	2,424	13,950	7,422	7,301	20,903	23,661	17,047	5,700