E.L.K. Energy Inc.

September 8, 2016

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

Dear Ms. Walli

Re: Electricity Distribution Service Area Amendment Application – E.L.K. Energy Inc. (O.E.B. Electricity Distributor Licence No. ED-2003-0015)

Please see attached responses to Interrogatories for EB-2016-0155.

If you have any questions please do not hesitate to contact me.

Regards,

Mark Danelon

Mark Danelon
Director, Finance & Regulatory Affairs

E.L.K. Energy Inc.
172 Forest Avenue, Essex, Ontario, N8M 3E4 Tel: 519.776.5291 Fax: 519.776.5640 email: mdanelon@elkenergy.com

OEB Staff Interrogatories

Application for Service Area Amendment

E.L.K. Energy Inc. (ELK)

EB-2016-0155

August 25, 2016

1. Reference: Section 7.1.4 (f)

a) ELK states that its existing facilities will provide for expansion of load in the area that is the subject of the SAA application.

i. Identify existing capacity available for the new customer connection.

E.L.K. Response:

E.L.K. would not have any limitations within its distribution system for the new customer connection. As the customer is currently connected to the same system but within E.L.K.'s licensed service area as a customer of E.L.K.'s, it would just be the incremental load increase that E.L.K. would be seeing.

Overall feeder capacity available is controlled by Hydro One as E.L.K. is an embedded distributor to Hydro One. Previously, Hydro One had advised E.L.K. that there would be an additional 2 MW of capacity on the feeder for a possible load increase at one of E.L.K.'s customers.

Hydro One would be connecting the new customer to the same feeder as E.L.K. which supports that there is adequate capacity within the feeder for the new incremental load.

ii. What load growth by Sellick Equipment Limited can be accommodated by ELK without expansion of ELK's distribution system?

E.L.K. Response:

The limitation on E.L.K.'s distribution system would be the existing conductor servicing Clark Street. The overall capacity of said conductor is approximately 17 MW with a current peak loading of approximately 1MW.

iii. Would the remaining capacity on the existing feeders be sufficient to provide service to future developments in the areas within ELK's current service territory, in addition to the proposed development and its potential expansion?

E.L.K. Response:

E.L.K. would not have any limitations within its distribution system for future developments and the potential expansion. As noted above, overall feeder capacity available is controlled by Hydro One as E.L.K. is an embedded distributor to Hydro One.

Through the regional planning process, needs were identified within this supply area, Kingsville TS. The solution was to add an additional TS and reconfigure the feeders out of Kingsville. This was to be the 20 year supply solution for the area.

b) ELK refers to the Attachments 1.4, 1.6 and 1.7, which show the ELK's existing facilities in relation to the lot that is subject to this SAA application to conclude that "*this represents the most effective use of existing resources*".

i. Provide good quality, clear and readable maps with a detailed legend as the maps provided with the application are very difficult to read and understand.

E.L.K. Response:

Please see Exhibits 2 – 5 inclusive.

ii. Explain in detail how the location of the existing facilities represents the most effective use of existing resources.

E.L.K. Response:

As can be seen in Exhibit 5, E.L.K.'s existing facilities are within the area of the SAA and immediately adjacent the new customer connection. No additional facilities outside of secondary metering would be required to connect the new customer.

2. Reference: Section 7.2.1(b)

ELK states that the incumbent's plans to connect the customer (a new tangent pole, road crossing overhead primary conductor and a new riser pole) will duplicate the ELK's existing infrastructure.

i. Identify ELK's specific distribution assets which will be duplicated if Hydro One connects the customer.

E.L.K. Response:

The specific distribution assets which would be duplicated if Hydro One were to connect the customer would be E.L.K.'s overhead primary tap, overhead primary road crossing and dead-end/riser pole.

ii. Provide a detailed map to support your answer.

E.L.K. Response:

Please see Exhibit 5.

3. Reference: Section 7.2.1(g)

ELK states that the existing infrastructure located on or immediately adjacent to will provide for cost-efficient expansion if there is growth potential in the area that is the subject of the SAA application and in regions adjacent to the area that is the subject of the SAA application.

i. Provide specific examples supporting this statement.

E.L.K. Response:

E.L.K.'s existing assets are part of a well-developed electricity distribution system currently sitting with capacity, within the new road allowance of the area subject of the SAA application. A simple line extension will provide for cost-efficient expansion if there is growth potential in the area subject of the SAA application.

4. Reference: Section 7.2.1(h)

ELK states that the existing infrastructure located on or immediately adjacent to, will provide for cost-efficient improvements and upgrades in the area that is the subject of the SAA application and in regions adjacent to the area that is the subject of the SAA application.

i. Provide specific examples supporting this statement.

E.L.K. Response:

E.L.K.'s existing assets are part of a well-developed electricity distribution system currently sitting with capacity, within the new road allowance of the area subject of the SAA application. A simple line extension will provide for cost-efficient expansion if there is growth potential in the area subject of the SAA application and in regions adjacent to the area subject of the SAA application.

5. Reference: Attachment 1.6 - Applicant's and Incumbent's Existing Assets and proposed Demarcation Points.

In this attachment, ELK identifies two poles to be relocated. ELK states that these poles *"must remain to serve the applicant's existing customers to the East so it will be shifted South-West out of the roadway to the first streetlight location".*

i. Would these poles be relocated for the sole purpose of accommodating connection of the new customer?

E.L.K. Response:

The pole was not relocated to accommodate the connection of the new customer. Clark Street was extended to the West as part of this development. As such, E.L.K.'s existing fly tap pole on the West side of Roseborough Road was located in the East bound lane of the Clark Street extension. The pole was relocated South-West out of the lane and behind the curb. A second pole was added inside of E.L.K.'s service area to bring the span lengths to within current standards as the existing build did not meet current standards. Please see Exhibits 3 and 5.

ii. Provide relocation costs and explain how these costs will be recovered. Specify whether these costs were included in ELK's offer to connect and economic evaluation. If not, explain why not.

E.L.K. Response:

The relocation costs are $8,432.49 plus HST and are included in the Offer to Connect and EEM. Should E.L.K. not become the distributor for this project the costs will be recovered from the Developer for the relocation of plant per Section 3.4 of the Distribution System Code.

6. Reference: Section 7.3.8 Comparison of monthly cost to the customer.

In this section ELK provides two tables, A and B, for the purposes of comparing cost to the customer and concluded that monthly cost savings would be $3,162.92 if ELK is to connect the customer. ELK also provided a table which also compared cost to the customer, but the savings are estimated at $865.76.

i. Explain what amount should be considered by the OEB in assessing your application.

E.L.K. Response:

Since the filing of the SAA, new information has been received. The above mentioned information is no longer applicable. See Exhibit 1 for a revised EEM which results in no capital contribution required.

ii. Provide a detailed comparison of monthly costs payable to ELK and Hydro One in an Excel spreadsheet. Provide all applicable assumptions for the estimates, i.e. load estimate (must be the same for both distributors) primary metering or secondary metering, loss factors, applicable tariffs, etc.

E.L.K. Response:

Please see Exhibit 6

iii. Low Voltage Service Rate: explain whether additional load associated with connection of the new customer would impact low voltage charges paid by ELK's customers. Provide an estimate of potential increase, if applicable.

E.L.K. Response:

Not applicable

7. Reference: Section 7.3.8

Section 7.3.8 asks for a description of any existing load transfers or retail points of supply that will be eliminated. ELK states: "*by way of this SAA, the applicant is looking to preclude the creation of new load transfers or new retail points of supply."*

i. Explain this statement in detail. Demonstrate on the map where a new retail point of supply would be created if the SAA application is not granted.

E.L.K. Response:

If Hydro One chooses not to settle the new customer/customers through the load transfer process than a new retail point of supply would be another option to save E.L.K. whole for the energy used down stream of E.L.K.'s wholesale metering point. Please see Exhibit 5.

ii. Explain how the connection of this customer to Hydro One's distribution system would trigger the creation of new load transfers.

E.L.K. Response:

Hydro One's existing customers connected to Hydro One's 27.6 KV distribution systems along Roseborough Road are down stream of E.L.K.'s wholesale metering point. As such they are settled annually with E.L.K. as load transfers. So if additional customer/customers are connected down stream of E.L.K.'s wholesale metering point they too will be settled in the same manner.

iii. In making this statement, has ELK taken into consideration section 6.5 Load Transfers of the Distribution System Code and specifically section 6.5.6, which states that a distributor shall not enter into any new load transfer arrangements?

E.L.K. Response:

Section 6.5.6 forms part of the basis for E.L.K.'s SAA application.

8. Reference: Section 7.5.3

Section 7.5.3 requires applicants to file financial evaluations carried out in accordance with Appendix B of the Distribution System Code. In addition to costs associated with the connection, applicants are required to provide the present value of incremental OM&A costs and incremental taxes as well as expected incremental revenue, the amount of revenue shortfall and the capital contribution requested. This filing requirement has not been met by ELK.

i. Provide a detailed economic evaluation in accordance with Appendix B of the Distribution System Code. Outline all assumptions and include all calculations to demonstrate how you have arrived at the final numbers used in the economic evaluation.

E.L.K. Response:

Please see HONI-2 (d) response

9. Reference: Section 7.5.4

ELK provided a copy of Hydro One's offer to connect. However, the information provided does not offer a clear comparison of the costs incurred by each distributor. As part of the economic efficiency test it is appropriate for the OEB to review and understand **all** projected costs associated with expansion of the distribution system in order to connect the new development by each distributor.

i. Provide a table which sets out (side by side) all itemized costs, non-contestable and contestable, to connect the development by each distributor.

E.L.K. Response:

E.L.K. requested this information from Hydro One, however, Hydro One did not provide E.L.K. with the information requested in order to perform a comparison. Hydro One's desire was to provide the data to the OEB directly and also desired E.L.K. to provide its data to Hydro One first. As per Procedural Order No. 1, it was ordered that the applicant file complete responses to the interrogatories with the OEB and deliver them to all intervenors by September 8, 2016. E.L.K. attempted to obtain this information, as well as requesting the OEB to have Hydro One provide the information to E.L.K. Unfortunately no information was received by E.L.K.

ii. Identify any civic work and the entity responsible for the completion of the civic work.

E.L.K. Response:

E.L.K. requested this information from Hydro One, however, Hydro One did not provide E.L.K. with the information requested in order to perform a comparison. Hydro One's desire was to provide the data to the OEB directly and also desired E.L.K. to provide its data to Hydro One first. As per Procedural Order No. 1, it was ordered that the applicant file complete responses to the interrogatories with the OEB and deliver them to all intervenors by September 8, 2016. E.L.K. attempted to obtain this information, as well as requesting the OEB to have Hydro One provide the information to E.L.K. Unfortunately no information was received by E.L.K.

Hydro One Networks Inc. Interrogatory Questions for E.L.K

HONI-1
Reference:
1710690 Ontario Inc. is in the process of developing a commercial subdivision located in the municipal boundaries of the Corporation of the Town of Essex. Within the commercial subdivision, Sellick Equipment Limited ("Sellick") is scheduled to commence construction of a new commercial facility on the 20th day of April 2016. Sellick requested an Offer to Connect from each E.L.K. and Hydro One. Sellick has made a written request that E.L.K. provide electricity service to their new commercial facility. 1710690 Ontario Inc has also provided written support for the E.L.K. service area amendment application. (Page 1 of the Application)

Interrogatory:

a) How far along the subdivision approval process is 1710690 Ontario Inc., i.e., is there an approved plan of subdivision?

E.L.K. Response:

There is an executed development agreement in place.

b) Does the subdivision plan outline whether the connection is underground or overhead? If not, would E.L.K's Offer to Connect change as a result of this planning decision?

E.L.K. Response:

The development agreement states that the electrical services be installed in a manner mutually agreeable to the Town, the Owner and the utility service provider. Currently, there has not been a final decision made but the Towns position is that the electrical services be accommodated underground rather than overhead.

E.L.K.'s Offer to Connect would not change as a result of the planning decision as the current customer would be connecting underground from E.L.K.'s existing distribution assets located immediately adjacent the new customer's lot. Please see Exhibit 5.

HONI-2
Reference:

1) This service area amendment should occur as it would be more economically efficient to the customers both in connection costs and in delivery charges. (Page 1 of the Application)
2) E.L.K. Offer to Connect (Page 15 of 31)

Interrogatory:

a) Please explain why delivery charges should be included in the OEB's assessment of economic efficiency and not fully allocated connection costs as per the filing guidelines?

E.L.K. Response:

Please refer to OEB's Interrogatory 6., where the OEB has requested this information in detail.

b) Please confirm that the economic test assessed by E.L.K was completed on the understanding that Sellick would have a peak demand of 0.65MW.

E.L.K. Response:

The economic test assessed by E.L.K. was completed with the customer provided information of .65MW peak demand and 0.56MW average demand in which is utilized by E.L.K.'s EEM model.

c) Please confirm the customer's anticipated peak demand.

E.L.K. Response:

The customer provided E.L.K. with a new demand forecast on July 26, 2016. The new forecasted peak is 1.2 MW.

d) If 0.65MW is no longer the customer's peak demand, please update your OTC for the new peak demand.

E.L.K. Response:

Please see Exhibit 1 for a revised EEM.

e) Please document all changes to the OTC that result from the change in peak demand. Please outline why there are, or are not, any changes to individual line item costs. Specifically, if there are changes in costs, please detail what those variations in costs include.

E.L.K. Response:

With the newly forecasted peak demand of 1.2 MW the customers load exceeds the 1 MVA transformer that E.L.K. would supply so the customer would be responsible for their own transformation. The demarcation point would transition from the secondary at the pad mount transformer for the 0.65 MW peak demand to the high voltage connection on E.L.K.'s existing dead end pole currently sitting within the new road allowance of the area subject of the SAA application. The new results of the OTC can be found in Exhibit 1. There is no capital contribution required as per the original results.

HONI-3
Reference:
By way of this SAA, the applicant is looking to preclude the creation of new load transfers or new retail points of supply. (Section 7.3.8)

Interrogatory:

a) Please explain this statement. How would a new load transfer or retail point of supply be established if HONI serves the customer? Specifically describe how E.L.K would be the physical distributor?

E.L.K. Response:

Please refer to OEB's Interrogatory 7.

b) Please confirm that Hydro One is currently physically serving the Sellick site with a temporary connection without using any E.L.K assets.

E.L.K. Response:

After reviewing the site in person it appears that Hydro One has installed some distribution assets within E.L.K.'s service territory to provide temporary site power.

HONI-4
Reference:

1) See Attachment 1.4, 1.6, and 1.7 which depicts the applicants existing facilities in relation to the lots that are subject of this SAA application (Section 7.1.4 f)
2) Applicants existing facilities which must remain to serve the applicants existing customers to the east so it will be shifted south west out of the roadway to the 1st street light location (Attachment 1.6)

Interrogatory:

a) Please confirm that the Applicant's existing facilities, noted in reference 2 above, have already been relocated closer to the proposed customer connection, in spite of this active contested service area amendment application.

E.L.K. Response:

The Applicant confirms that the existing facilities, noted in reference 2 above, have been relocated out of the new Clark Street extension, East bound traffic lane, on the West side of Roseborough Road to the South West approximately 12 metres. The new location is behind the Clark Street curb, outside of the turning radius and the location of the first street light on the new Clark Street extension. Please see Exhibit 5.

b) Please document all assets that have been relocated by E.L.K. that will ultimately assist in serving this customer. Have any new assets been installed that will ultimately be used to serve this customer since the time of this application. If so, please detail.

E.L.K. Response:

The assets that were relocated are those of the fly tap that currently serves the applicant's existing customers to the East. Should the Applicant be successful in this SAA the assets in question would provide economic efficiency in connecting the SAA customer as no additional distributor owned distribution assets would be required to connect the customer with the exception of secondary metering.

c) Please document why this work was done and provide the supporting business cases, given that the site is inside Hydro One's service territory.

E.L.K. Response:

The Applicants assets were and had been located in Hydro One's service territory prior to the inception of E.L.K. Energy in 2000. The assets were relocated as they were located in the new road extension and impeding the progress of the development.

d) Please document any alternatives to moving the existing E.L.K assets into Hydro One territory that were explored by E.L.K and why they were not pursued. For instance, could E.L.K have dead-ended the conductor on the E.L.K side of the service territory? Was building inside Hydro One's service territory the only solution? Please explain.

E.L.K. Response:

E.L.K.'s assets were existing in Hydro One's territory, they were not moved into Hydro One's territory.

From the old connections on the line it would appear that some time prior to E.L.K.'s involvement Hydro One had a pole at the South East corner of the Roseborough and Clark Street intersection inside of E.L.K.'s service territory. E.L.K.'s distribution line servicing its customers to the East would have been attached to said pole, connected to Hydro One's line for a point of supply and continued across the road to dead end on the E.L.K.'s pole in Hydro One's territory that has since been relocated.

Truck traffic at this intersection is extremely high. The 2007 traffic counts have 357 trucks turning at this corner per day. Numbers recently provided by the one factory is they receive 130 transport trucks per shift through this intersection. Currently they are running 2 shifts, 7 days a week.

Some time prior to 2000 this pole was damaged and Hydro One installed a new pole south of the intersection inside the existing line. E.L.K.'s predecessor LDC worked with Hydro One to remove their line from the damaged pole and created a fly tap with their 2 existing poles on either side of the damaged pole, one of which is the now relocated pole.

If E.L.K. were to now request Hydro One reinstall the pole at the intersection it would once again be a high risk pole for a motor vehicle accident as the pole would be located in or immediately adjacent the currently paved turning radius. Additionally, if E.L.K. were to dead end its line on this new Hydro One pole in E.L.K.'s service territory, E.L.K. would still have to install a guy pole, in Hydro One's service territory, in the location of the E.L.K.'s newly relocated pole.

e) With respect to serving the existing customers (reference 2), why does E.L.K. need to cross into Hydro One's territory (south west) which is further away from E.L.K.'s customers on the east, to serve E.LK.'s existing customers?

E.L.K. Response:

As noted above, E.L.K. did not cross into Hydro One's territory as the assets were already located in Hydro One's territory.

f) Please confirm and detail all actual incurred costs and any future costs pertaining to the relocation of these E.L.K. assets.

E.L.K. Response:

The cost to relocate these assets was $8,432.49 plus HST.

g) Please document all approvals obtained to proceed with these asset relocations, including, but not limited to, municipal approvals and OEB approvals in any E.L.K rebasing applications.

E.L.K. Response:

E.L.K. met with the municipality to discuss the relocation of E.L.K's existing pole from the newly constructed road to behind the curb and outside of the turn radius. It was agreed upon that the pole would be relocated to the first street light location and would be used to support the street light fixture.

h) Did E.L.K. ask Hydro One for approval to relocate E.L.K. assets into Hydro One's service territory?

E.L.K. Response:

As E.L.K.'s assets were existing in Hydro One's service territory E.L.K. did not ask permission of Hydro One to relocate the asset out of the newly constructed road.

HONI-5
Reference:

1) Currently, the applicant has no plans for any similar expansions in lands adjacent to the area that is the subject of the SAA application (Section 7.1.6)
2) Attachment 1.1
3) Sellick has made a written request that E.L.K. provide electricity service to their new commercial facility. (Page 1)
4) Legal description of the lands that are subject of this application per Attachment 1.5;

Legal Description: PART LOTS 3, 4 & 5,PL 202 & PART LOT 6, CONCESSION 2, COLCHESTER, DESIGNATED AS PARTS 1,2 & 3, PLAN 12R-26189; EXCEPT PT 1, 26401; S/T EASEMENT OVER PART 2, PLAN 12R-26189 AS IN CS19391; TOWN OF ESSEX

PIN: 75204-0253 (LT)

OWNER: 1710690 Ontario Inc. (Section 7.1.3).

Interrogatory:

a) Please provide all documentation from 1710690 Ontario Inc. that was provided to develop an OTC for the entire industrial subdivision, including any and all load profiles necessary to develop an OTC for 1710690 Ontario Inc.

E.L.K. Response:

E.L.K. has not developed an OTC for the entire industrial subdivision nor are we in possession of any load profiles necessary to develop an OTC for 1710690 Ontario Inc.

b) Please provide all of the data utilized by E.L.K to satisfy the OEB's economic efficiency test with respect to the entire lands owned by 1710690 Ontario Inc.

E.L.K. Response:

E.L.K.'s existing assets are part of well-developed electricity distribution assets currently sitting, with capacity, within the new road allowance of the area subject of the SAA application. Hydro One would have to duplicate E.L.K.'s existing assets in order to service the entire lands owned by 1710690 Ontario Inc.

c) When did E.L.K receive a request for an Offer to Connect from 1710690 Ontario Inc.? Please provide a copy of every written request received from this customer.

E.L.K. Response:

E.L.K. has not received a request for an Offer to Connect from 1710690 Ontario Inc. Currently their only customer is the new customer subject of the SAA application.

HONI-6
Reference:
The delivery point is located adjacent at the intersection of McLean Road and Sellick Drive which is consistent for both the applicant and the incumbent. The connection point for the applicant is 2.060 Km's South West of the delivery point immediately adjacent of the lot subject to the SAA amendment. The connection point for the incumbent is 2.035 km from the delivery point across the road from the lot subject to the SAA amendment (Section 7.2.1 a)

Interrogatory:
Please confirm that these distances remain the same even after the preemptive relocation work undertaken by E.L.K.

E.L.K. Response:

The applicants connection point would now be 2.072 Km's with the pole having been relocated. This places the applicants existing distribution assets 0.037 Km's closer to the area subject of the SAA application.

Exhibit 1- Revised EEM and OTC Details

	A	B	C	D	E	F	G	H	I	J
1	Table No.			Project name	Sellick Equipment Limited					
2				Developer name	Sellick Equipment Limited					
3				Customer connection horizon (max 5)	5	YELLOW CELLS ONLY ARE FOR DATA INPUT OF ANNUAL CONSTANTS.				
4				Customer revenue horizon (max 25)	25	BLUE CELLS ARE USED FOR PROJECT SPECIFIC DATA				
5	1			Forecasted customer additions (non-cumulative)						
6				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
7				Residential						
8				General Service < 50kW						
9				General Service > 50kW (non-TOU)	1					
10				General Service > 50kW (TOU)						
11				Large User						
12				Other class - non-demand						
13				Other class - non-demand						
14				Other class - demand						
15				Other class - demand						
16	2			Estimate of average energy per added customer (monthly kWh)						
17				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
18				Residential						
19				General Service < 50kW						
20				Other class - non-demand						
21				Other class - non-demand						
22	3			Estimate of average demand per added customer kW						
23				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
24				General Service > 50kW (non-TOU)	1200					
25				General Service > 50kW (TOU)						
26				Large User						
27				Other class - demand						
28				Other class - demand						
29	4			Approved wires only rates per rate schedule - monthly fixed charge						
30				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
31				Residential						
32				General Service < 50kW						
33				General Service > 50kW (non-TOU)	187.07	187.07	187.07	187.07	187.07	
34				General Service > 50kW (TOU)						
35				Large User						
36				Other class - non-demand						
37				Other class - non-demand						
38				Other class - streetlighting						
39				Other class - demand						
40	5			Approved wires only rates per rate schedule - variable charge (per kWh)						
41				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
42				Residential						
43				General Service < 50kW						
44				Other class - non-demand						
45				Other class - non-demand						
46	6			Approved wires only rates per rate schedule - demand charge (per kW)						
47				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
48				General Service > 50kW (non-TOU)	1.5827	1.5827	1.5827	1.5827	1.5827	
49				General Service > 50kW (TOU)						
50				Large User						
51				Other class - streetlighting						
52				Other class - demand						
53										
54										
55										
56										

	A	B	C	D	E	F	G	H	I	J
57	7			**New facilities and/or reinforcement investments**						
58				*Capital elements*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
59				Distribution stations	17,135					
60				Distribution lines						
61				Distribution transformers						
62				Secondary busses						
63				Services						
64				Other						
65				Total	17,135	-	-	-	-	
66				Assessed value of land						
67	8			**Customer specific capital**						
68				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	
69				Residential	0	0	0	0	0	
70				General Service < 50kW	0	0	0	0	0	
71				General Service > 50kW (non-TOU)	0	0	0	0	0	
72				General Service > 50kW (TOU)	0	0	0	0	0	
73				Large User	0	0	0	0	0	
74				Other class - non-demand	0	0	0	0	0	
75				Other class - non-demand	0	0	0	0	0	
76				Other class - demand	0	0	0	0	0	
77				Other class - demand	0	0	0	0	0	
78				Total	0	0	0	0	0	
79	9			**Incremental overheads (capital) at project level applicable to distribution system expansior**						
80				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	*Years 6-25*
81				Residential	0	0	0	0	0	0
82				General Service < 50kW	0	0	0	0	0	0
83				General Service > 50kW (non-TOU)	0	0	0	0	0	0
84				General Service > 50kW (TOU)	0	0	0	0	0	0
85				Large User	0	0	0	0	0	0
86				Other class - non-demand	0	0	0	0	0	0
87				Other class - non-demand	0	0	0	0	0	0
88				Other class - demand	0	0	0	0	0	0
89				Other class - demand	0	0	0	0	0	0
90	10			**Attributable incremental annual operating, maintenance and administration expenditures (per customer addition)**						
91				*Customer Class*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	*Years 6-25*
92				Residential						
93				General Service < 50kW						
94				General Service > 50kW (non-TOU)	2,478.56	2,841.72	2,841.72	2,841.72	2,841.72	2,841.72
95				General Service > 50kW (TOU)						
96				Large User						
97				Other class - non-demand						
98				Other class - non-demand						
99				Other class - demand						
100				Other class - demand						

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	A	B	C	D	E	F	G	H	I	J
101	11			**Discount rate data**						
102				*Incremental after-tax cost of capital*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	*Years 6-25*
103				Borrowing rate	2.67%	2.67%	2.67%	2.67%	2.67%	2.67%
104				Rate of return on common equity	9.12%	9.12%	9.12%	9.12%	9.12%	9.12%
105				Total debt outstanding (%)	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
106				Total common equity (%)	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
107				Marginal income tax rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
108				**Incremental after-tax weighted average cost of capital**	4.8255%	4.8255%	4.8255%	4.8255%	4.8255%	4.8255%
109										
110	12			**Tax rate data**						
111				*Type of tax*	*Yr 1 (2016)*	*Yr 2 (2017)*	*Yr 3 (2018)*	*Yr 4 (2019)*	*Yr 5 (2020)*	*Years 6-25*
112				Municipal tax rate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
113				Marginal income tax rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
114				Federal capital tax rate	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
115				Provincial capital tax rate	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
116				Capital cost allowance rate	4.000%	4.000%	4.000%	4.000%	4.000%	4.000%
117				Taxable capital employed in Canada	13,767,889	13,767,889	13,767,889	13,767,889	13,767,889	13,767,889
118				Capital Deduction (Federal purposes)	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000	50,000,000
119				Base for Federal capital tax	-36,232,111	-36,232,111	-36,232,111	-36,232,111	-36,232,111	-36,232,111

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Discount rate		0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825
Present value factor - end of year		0.95397	0.91005	0.86816	0.82820	0.79007	0.75370	0.71901	0.68591	0.65433	0.62421	0.59548	0.56807	0.54192	0.51697	0.52930
Present value factor - mid-year		0.97671	0.93175	0.88886	0.84794	0.80891	0.77167	0.73615	0.70226	0.66993	0.63909	0.60968	0.58161	0.55484	0.52930	0.52930
	Total	YEAR 1 1	YEAR 2 2	YEAR 3 3	YEAR 4 4	YEAR 5 5	YEAR 6 6	YEAR 7 7	YEAR 8 8	YEAR 9 9	YEAR 10 10	YEAR 11 11	YEAR 12 12	YEAR 13 13	YEAR 14 14	YEAR 14 14
OPERATIONS																
Customer revenue - fixed charge rate																
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	54,999	1,122	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total fixed charge revenue	54,999	1,122	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245
Customer revenue - variable charge rate																
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	558,377	11,395	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total variable charge revenue	558,377	11,395	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791
Customer revenue - total	613,375	12,518	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036

Revenue received for each of the years 6 - 25 are the same as year 5

Incremental OM&A																
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	69,441	1,239	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Incremental OM&A	69,441	1,239	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
	40,168	1210.4172	2647.77	2525.891	2409.608	2298.696	2192.87	2091.932	1995.626	1903.753	1816.115	1732.54	1652.773	1576.7	1504.122	

Current year customer additions are divided by two in order to recognize level activities throughout the year.

	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CAPITAL COSTS															
New facilities and/or reinforcement investments	17,135	17,135	0	0	0	0									
Customer specific capital															
Residential	0	0	0	0	0	0									
General Service < 50kW	0	0	0	0	0	0									
General Service > 50kW (non-TOU)	0	0	0	0	0	0									
General Service > 50kW (TOU)	0	0	0	0	0	0									
Large User	0	0	0	0	0	0									
Other class - non-demand	0	0	0	0	0	0									
Other class - non-demand	0	0	0	0	0	0									
Other class - demand	0	0	0	0	0	0									
Other class - demand	0	0	0	0	0	0									
Total customer specific capital (exclude land)	0	0	0	0	0	0									
Incremental Overheads at project level															
Residential	0	0	0	0	0	0									
General Service < 50kW	0	0	0	0	0	0									
General Service > 50kW (non-TOU)	0	0	0	0	0	0									
General Service > 50kW (TOU)	0	0	0	0	0	0									
Large User	0	0	0	0	0	0									
Other class - non-demand	0	0	0	0	0	0									
Other class - non-demand	0	0	0	0	0	0									
Other class - demand	0	0	0	0	0	0									
Other class - demand	0	0	0	0	0	0									
Total incremental overheads	0	0	0	0	0	0									
Land and land rights	0	0	0	0	0	0									
Annual Total Capital Costs	17,135	17,135	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual Capital Costs excluding land	17,135	17,135	0	0	0	0	0	0	0	0	0	0	0	0	0
There is assumption made here that there are no up front capital costs in the first year, that Costs in the first year are incurred evenly during the year.															
Present Value Of Annual Capital Costs	16,736	16,736	0	0	0	0	0	0	0	0	0	0	0	0	0
Present Value Of CCA Tax Shield															
Opening undepreciated capital cost		17,135	254,518	244,337	234,563	225,181	216,174	207,527	199,226	191,257	183,606	176,262	169,212	162,443	155,945
Less: Contributed Capital		242,577													
Less: Capital cost allowance	164,163	5,194	10,181	9,773	9,383	9,007	8,647	8,301	7,969	7,650	7,344	7,050	6,768	6,498	6,238
Closing undepreciated capital cost		254,518	244,337	234,563	225,181	216,174	207,527	199,226	191,257	183,606	176,262	169,212	162,443	155,945	149,708
CCA Annual Income Tax Savings		1,376	2,698	2,590	2,486	2,387	2,291	2,200	2,112	2,027	1,946	1,868	1,794	1,722	1,653
Present Value of CCA Tax Shield	27,585	1,344	2,514	2,302	2,108	1,931	1,768	1,619	1,483	1,358	1,244	1,139	1,043	955	875

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	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Present Value of Operating Cash Flow															
Present Value of Net Operating Cash															
Customer revenue - total	613,375	12,518	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036
Less Total Incremental OM&A	-69,441	-1,239	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842
Net (Wires) Operating Cash before Income Tax	543,935	11,279	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194
Present value of Net Operating Cash	315,276	11,016	20,579	19,727	18,819	17,953	17,126	16,338	15,586	14,868	14,184	13,531	12,908	12,314	11,747
Present Value of Taxes															
Income Taxes	144,143	2,989	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881
Provincial Capital Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal Capital Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual Municipal Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Taxes	144,143	2,989	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881
PV of Taxes	83,548	2,919	5,480	5,228	4,987	4,758	4,539	4,330	4,130	3,940	3,759	3,586	3,421	3,263	3,113
PV of Municipal TaxesTaxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Net Present Value Summary

	With taxes	Without Federal and Provincial taxes
1. **PV of Operating Cash Flow**		
a) PV of Net Operating Cash Flow	315,276	315,276
b) PV of Taxes	-83,548	0
PV of Operating Cash Flow	231,728	315,276
2. **PV of Capital**	-16,736	-16,736
3. **PV of CCA Tax Shield**	27,585	
NET PRESENT VALUE	$242,577	$298,540

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Discount rate	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825	0.04825
Present value factor - end of year	0.49317	0.47047	0.44881	0.42815	0.40844	0.38964	0.37170	0.35458	0.33827	0.32270	0.30784		
Present value factor - mid-year	0.50493	0.48169	0.45951	0.43836	0.41818	0.39893	0.38057	0.36305	0.34634	0.33039	0.31518		
	YEAR 15	YEAR 16	YEAR 17	YEAR 18	YEAR 19	YEAR 20	YEAR 21	YEAR 22	YEAR 23	YEAR 24	YEAR 25		
	15	16	17	18	19	20	21	22	23	24	25		
OPERATIONS													
Customer revenue - fixed charge rate													
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Total fixed charge revenue	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245	2,245
Customer revenue - variable charge rate													
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Total variable charge revenue	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791	22,791
Customer revenue - total	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036

Revenue received for each of the years 6 - 25:

Incremental OM&A													
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Incremental OM&A	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
	1434.87	1368.828	1305.799	1245.696	1188.35	1133.647	1081.473	1031.686	984.2013	938.8759	895.6533		

Current year customer additions are divided by

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	15	16	17	18	19	20	21	22	23	24	25
CAPITAL COSTS											
New facilities and/or reinforcement investments											
Customer specific capital											
Residential											
General Service < 50kW											
General Service > 50kW (non-TOU)											
General Service > 50kW (TOU)											
Large User											
Other class - non-demand											
Other class - non-demand											
Other class - demand											
Other class - demand											
Total customer specific capital (exclude land)											
Incremental Overheads at project level											
Residential											
General Service < 50kW											
General Service > 50kW (non-TOU)											
General Service > 50kW (TOU)											
Large User											
Other class - non-demand											
Other class - non-demand											
Other class - demand											
Other class - demand											
Total incremental overheads											
Land and land rights											
Annual Total Capital Costs	0	0	0	0	0	0	0	0	0	0	0
Annual Capital Costs excluding land	0	0	0	0	0	0	0	0	0	0	0
There is assumption made here that there are n											
Present Value Of Annual Capital Costs	0	0	0	0	0	0	0	0	0	0	0
Present Value Of CCA Tax Shield											
Opening undepreciated capital cost	149,708	143,719	137,970	132,452	127,154	122,067	117,185	112,497	107,997	103,678	99,530
Less: Contributed Capital											
Less: Capital cost allowance	5,988	5,749	5,519	5,298	5,086	4,883	4,687	4,500	4,320	4,147	3,981
Closing undepreciated capital cost	143,719	137,970	132,452	127,154	122,067	117,185	112,497	107,997	103,678	99,530	95,549
CCA Annual Income Tax Savings	1,587	1,523	1,462	1,404	1,348	1,294	1,242	1,192	1,145	1,099	1,055
Present Value of CCA Tax Shield	801	734	672	615	564	516	473	433	395	363	333

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	15	16	17	18	19	20	21	22	23	24	25
Present Value of Operating Cash Flow											
Present Value of Net Operating Cash											
Customer revenue - total	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036	25,036
Less Total Incremental OM&A	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842	-2,842
Net (Wires) Operating Cash before Income Tax	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194	22,194
Present value of Net Operating Cash	11,206	10,691	10,198	9,729	9,281	8,854	8,446	8,058	7,687	7,333	6,995
Present Value of Taxes											
Income Taxes	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881
Provincial Capital Taxes	0	0	0	0	0	0	0	0	0	0	0
Federal Capital Taxes	0	0	0	0	0	0	0	0	0	0	0
Annual Municipal Taxes	0	0	0	0	0	0	0	0	0	0	0
Total Taxes	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881	5,881
PV of Taxes	2,970	2,833	2,703	2,578	2,459	2,346	2,238	2,135	2,037	1,943	1,854
PV of Municipal TaxesTaxes	0	0	0	0	0	0	0	0	0	0	0

Net Present Value Summa

1. **PV of Operating Cash Flow**
   - a) **PV of Net Operating Cash Flow**
   - b) **PV of Taxes**
   - **PV of Operating Cash Flow**
2. **PV of Capital**
3. **PV of CCA Tax Shield**

NET PRESENT VALUE

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Present value factor - mid-year		0.97671	0.93175	0.88886	0.84794	0.80891	0.77167	0.73615	0.70226	0.66993	0.63909
Incremental OM&A											
Residential	0	0	0	0	0	0	0	0	0	0	0
General Service < 50kW	0	0	0	0	0	0	0	0	0	0	0
General Service > 50kW (non-TOU)	69,441	1,239	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
General Service > 50kW (TOU)	0	0	0	0	0	0	0	0	0	0	0
Large User	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0
Other class - non-demand	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0
Other class - demand	0	0	0	0	0	0	0	0	0	0	0
Total Incremental OM&A	69,441	1,239	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
Annual Total Capital Costs	17,135	17,135	0	0	0	0	0	0	0	0	0
		$ 18,374.44	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72	$ 2,841.72
	$ 56,903.98	$ 17,946.50	$ 2,647.77	$ 2,525.89	$ 2,409.61	$ 2,298.70	$ 2,192.87	$ 2,091.93	$ 1,995.63	$ 1,903.75	$ 1,816.11

0.60968	0.58161	0.55484	0.52930	0.50493	0.48169	0.45951	0.43836	0.41818	0.39893	0.38057	0.36305	0.34634	0.33039	0.31518
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72	$2,841.72
$1,732.54	$1,652.77	$1,576.70	$1,504.12	$1,434.87	$1,368.83	$1,305.80	$1,245.70	$1,188.35	$1,133.65	$1,081.47	$1,031.69	$ 984.20	$ 938.88	$ 895.65

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Exhibit 2 - E.L.K. Energy's Well Developed Distribution System

Exhibit 2- E.L.K. Energy's Well Develop

Exhibit 3 – Area of Additional Detail

Exhibit 3- Area of Additional Detail

Exhibit 4 - Area Subject of the SAA

Exhibit 4- Area Subject of SAA

Exhibit 5 – Economic Efficiency of E.L.K.'s Existing Distribution Assets in Relation to the Area Subject to SAA

Exhibit 5- Economic Efficiency of E.L.K.'s I

Exhibit 6

Exhibit 6 - ELK and H1 Comparison

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