



August 12, 2015

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
Suite 2700, 2300 Yonge Street  
Toronto, Ontario M4P 1E4

Dear Ms. Walli,

Please find two attachments which were missing from Hydro Ottawa's original Interrogatory Responses submitted on July 31, 2015.

Att-OEB-Q16-A accompanies OEB Staff Interrogatory question number 16.

Att-EP-Q26-A accompanies Energy Probe Interrogatory question number 26.

Sincerely,

**Gregory Van Dusen**  
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Hydro Ottawa Limited  
2014 Annual Summary Report and  
Compliance Plans  
For APPENDIX C  
Minimum Inspection Requirements

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**Bill Bennett**  
Director, Distribution  
Asset Management

Reviewed by: \_\_\_\_\_

Signature:  \_\_\_\_\_

Date: 07/22/15

## Annual Summary Report

Hydro Ottawa Limited completed the planned inspection for 2014 (refer to Table 0.1 and Table 0.2). Deficiencies for the patrols are reported and tracked using the Outage Management System (OMS). For details on the OMS reporting process refer to Appendix A.

Table 0.1 - Annual Summary Report; Part 1 - Lines

<b>Description</b>		<b>Percentage of Distribution System Scheduled for Patrol (%)</b>	<b>Percentage of Distribution System Actually Patrolled (%)</b>	<b>Reason Patrol was not Completed</b>	<b>Date Patrol will Complete</b>
<b>Part 1 - Lines</b>					
<b>Overhead Plant</b>	Transformers	33%*	33%*	N/A	N/A
	Switching and Protective Devices	33%*	33%*	N/A	N/A
	Regulators	0% - no regulators in 2014 inspection area.	0%	N/A	N/A
	Capacitors	No distribution Capacitors.	N/A	N/A	N/A
	Conductors	33%*	33%*	N/A	N/A
	Vegetation	33%**	33%**	N/A	N/A
	Poles	33%*	33% of pole areas patrolled. 8% of poles had a more detailed inspection.	N/A	N/A
<b>Underground Plant</b>	Transformers	33%***	33%***	N/A	N/A
	Switching & Protective Devices	33%***	33%***	N/A	N/A
	Cable	Detailed cable inspection tested 25km of cable; 121 segments.	25km of cable; 121 segments inspected.	N/A	N/A
	Civil Structures	10%	9.50%	2013 Inspections 21%	N/A

\* Equipment is inspected during Overhead Visual and Infrared Inspection program on a 3 year cycle.

\*\* Vegetation areas are trimmed on either a 2 or 3 year cycle depending on area requirements.

\*\*\* Underground padmount transformers and air switchgear are inspected on a 3 year cycle.

Table 0.2 - Annual Summary Report; Part 2 - Substations

Part 2 - Substations	Numbers of Substations in the Distribution System	Number of Substations Patrols Scheduled	Reason Patrols were not Completed/ Reasons	No. Substations not Patrolled During Reporting Period	Date Substation Patrol will be resumed
Distribution Station	57	426	9 patrols were not completed due to resource availability, however each station was inspected multiple times throughout the year.	0	2015
Transformer Station	27	252	48 patrols were not completed due to resource availability, however each station was inspected multiple times throughout the year.	0	2015

## Compliance Plans

Hydro Ottawa's Compliance Plan (refer to Table 1.1 and Table 1.2) is to continue to fulfill Appendix C Minimum Inspections Requirements.

Table 1.1 - Compliance Plan; Part 1 - Lines

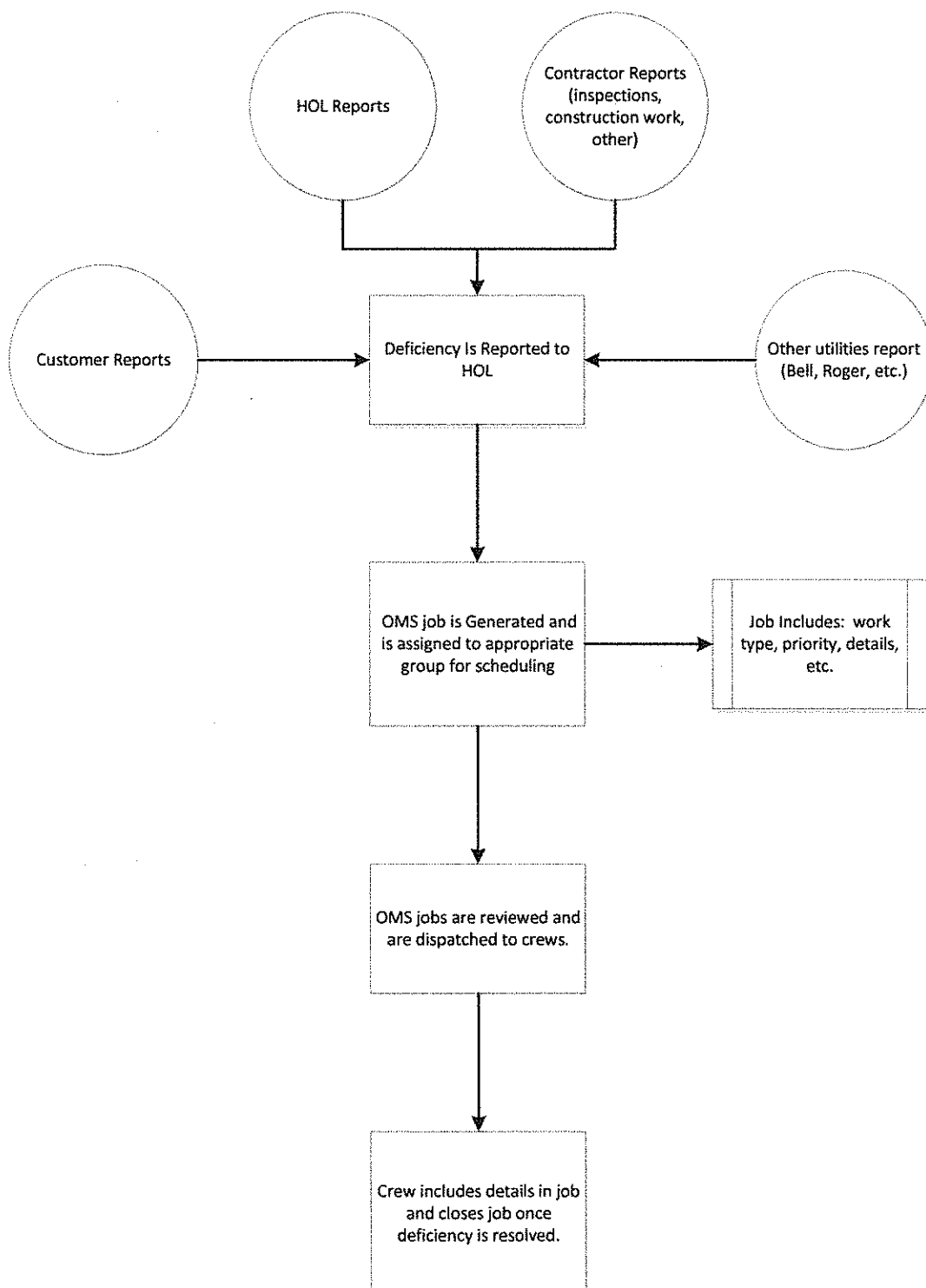
<b>Description</b>		<b>Percentage of Distribution System Scheduled for Patrol (%)</b>
<b>Part 1 - Lines</b>		
<b>Overhead Plant</b>	Transformers	33%
	Switching and Protective Devices	33%
	Regulators	100%
	Capacitors	No distribution Capacitors.
	Conductors	33%
	Vegetation	33%
	Poles	33%
<b>Underground Plant</b>	Transformers	33%
	Switching & Protective Devices	33%
	Cable	Detailed cable inspection tested 120 segments.
	Civil Structures	10%

Table 1.2 - Compliance Plan; Part 1 - Lines

<b>Part 2 - Substations</b>	<b>Numbers of Substations in the Distribution System</b>	<b>Number of Substations Patrols Scheduled</b>
Distribution Station	57	426
Transformer Station	27	252

## Appendix A – Outage Management System (OMS) Reporting Process

### Outage Management System (OMS) Reporting Process



File Number: EB-2015-004

Exhibit: D

Tab: 1

Schedule: 2

Page: 1

Date: ORIGINAL-UPDATED: August 12, 2015

## Appendix 2-L Recoverable OM&A Cost per Customer and per FTE

	Last Rebasing Year - 2012- Board Approved	Last Rebasing Year - 2012- Actual	2013 Actuals	2014 Q2- Forecast	2014 Actuals	2015 Bridge Year	2016 Test Year	2017	2017 Revised	2018	2018 Revised	2019	2019 Revised	2020	2020 Revised
<b>Reporting Basis</b>															
Number of Customers		309,534.00	314,722.00	<del>313,504.00</del>	319,593.00	323,197.00	327,260.00	<del>331,279.00</del>	331,279.00	<del>335,278.00</del>	335,278.00	<del>339,222.00</del>	339,222.00	<del>343,124.00</del>	343,124.00
Total Recoverable OM&A	\$ 73,090,393	\$ 73,076,334	\$ 75,757,157	<del>\$ 80,767,417</del>	\$ 80,908,994	\$ 83,655,809	\$ 87,105,564	<del>\$ 89,953,916</del>	\$ 89,932,139	<del>\$ 92,895,409</del>	\$ 92,850,437	<del>\$ 95,933,089</del>	\$ 95,863,434	<del>\$ 99,070,101</del>	\$ 98,974,203
OM&A cost per customer		\$236.08	\$240.71	<del>\$257.63</del>	\$253.16	\$258.84	\$266.17	<del>\$271.54</del>	\$271.47	<del>\$277.07</del>	\$276.94	<del>\$282.90</del>	\$282.60	<del>\$288.73</del>	\$288.45
Number of FTEs		593.5	610.6	<del>627.8</del>	622.0	622.7	622.7	<del>622.7</del>	622.7	<del>622.7</del>	622.7	<del>622.7</del>	622.7	<del>622.7</del>	622.7
Customers/FTEs		521.54	515.43	<del>499.36</del>	513.82	519.03	525.55	<del>532.00</del>	532.00	<del>538.43</del>	538.43	<del>544.76</del>	544.76	<del>551.03</del>	551.03
OM&A Cost per FTE		\$123,127.77	\$124,070.02	<del>\$128,651.54</del>	\$130,078.77	\$134,343.68	\$139,883.67	<del>\$144,457.87</del>	\$144,422.90	<del>\$149,181.64</del>	\$149,109.42	<del>\$154,059.88</del>	\$153,948.02	<del>\$159,097.64</del>	\$158,943.64

**Notes:**

- 1 If it has been more than three years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than three years ago, a minimum of three years of actual information is required.
- 2 The method of calculating the number of customers must be identified.
- 3 The method of calculating the number of FTEs must be identified. See also Appendix 2-K
- 4 The number of customers and the number of FTEs should correspond to mid-year or average of January 1 and December 31 figures.