



1	Response to Allstream Interrogatory Question #1			
2				
3	Refere	ence: Exhibit H, Tab 7, Schedule 1, Page Specific Charges - Proposed New		
4	Charg	e: Pole		
5	Attachments; Decision and Order RP 2003-0249			
6				
7	Question #1:			
8				
9	Preamble: Refer to Appendix 1 of Decision and Order RP 2003-0249, in which the			
10	current province-wide pole attachment rate is calculated.			
11				
12	a.	Confirm that the value of 3.96 in line "Total Admin per Pole with attachments per		
13		year" has not been divided by the number of attachers.		
14				
15	b.	Confirm that the value of 8.70 in line "Total LIP per Pole with attachments per		
16		year" has not been divided by the number of attachers.		
17				
18	C.	Please provide a revised version of the above reference chart calculating Hydro		
19		Ottawa's proposed new pole attachment rate, this time dividing the direct costs		
20		portion of the rate by the number of attachers.		
21				
22				
23				
24	Respo	onse:		
25	a.	The total value of \$3.96 in line "Total Admin per Pole with attachments per year"		
26		has not been divided by the number of attachers.		
27				
28	b.	The total value of \$8.70 in line "Total LIP per Pole with attachments per year" has		
29		not been divided by the number of attachers.		

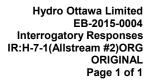


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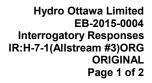
Hydro Ottawa Limited EB-2015-0004 Interrogatory Responses IR:H-7-1(Allstream #1)ORG ORIGINAL Page 2 of 2

c. OEB rate methodology does not divide Total Admin per Pole by the number of attachers. OEB rate methodology does divide Total LIP per Pole by the number of attachers; however, HOL has not factored it into its direct cost calculation.





1	Response to Allstream Interrogatory Question #2			
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3	Refere	ence: Exhibit H, Tab 7, Schedule 1, Page Specific Charges - Proposed New		
4	Charge: Pole Attachments			
5				
6	Question #2:			
7				
8	a.	Provide all inputs and assumptions used to calculate net embedded cost per		
9		pole.		
10				
11	b.	Provide the assumed asset life of poles used in the calculation of net embedded		
12		costs (if not already addressed in the response to a)).		
13				
14				
15	C.	Confirm that the net-embedded cost is based on a "bare pole" basis. If not		
16		please file revised net embedded cost with all power-specific components of the		
17		pole removed.		
18				
19				
20				
21	Respo	onse:		
22	a.	Please see Interrogatory Response to Interrogatory Carriers #6.		
23				
24	b.	Please see Interrogatory Response to Interrogatory Allstream #2 a).		
25				
26	C.	The net embedded cost is not based on a "bare pole" basis, but rather, includes		
27		the cost associated with USofA account 1830 - Poles, Towers & Fixtures.		





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Refere	ence:	
	ence:	
Exhib	it H, Tab 7, Schedule 1, Page Specific Charges – Proposed New Charge: Pole	
Attachments. And Exhibit B Tab 1 Schedule 2, Page 90-94.		
Question #3:		
Premable: Table 2.2.6 of the Application (Exhibit B Tab 1 Schedule 2 page 90) lists pole		
replacement as being "proactive" rather than "reactive".		
a.	Provide the estimated number of poles Hydro Ottawa expects to replace each	
	year from 2015 through 2020.	
b.	Provide the expected average age per pole over the next 20 years in 5 year	
	increments. Set out all assumptions used in arriving at the estimate.	
C.	Hydro Ottawa states that "The condition of poles is evaluated against a health	
	index developed by HOL poles should be replaced once they fall below 60%	
	of the required strength". In figure 2.2.14, Hydro Ottawa categorizes its poles	
	according to pole condition: good, fair, poor and critical. Are the pole conditions	
	determined based on the health index? If so, what percentage of strength	
	corresponds with each category of pole condition?	
	Quest Prema replace a. b.	



a. See Interrogatory Response to Interrogatory Carriers #9f).

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b. The expected average pole age for 2015 is based on known or estimated pole age information for Hydro Ottawa Limited poles as of July 2015. It is assumed that the same number of poles, as is referenced in Interrogatory Response to Allstream #3, part a, is replaced for every five year increment and that the oldest poles are replaced first. Table 1 summarizes the expected average age, per pole, over the next 20 years, in 5 year increments.

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Table 1: Expected Average Pole Age between 2015 and 2035

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Expected Average Pole Age	Year
35	2015
36	2020
38	2025
39	2030
41	2035

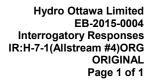
B-1(B) – Annual Planning Report – 2014 Asset Management Plan section 6.1. Table 2, below, shows the corresponding strength by pole condition.

c. Pole condition is determined based on health index as described in Attachment

Table 2: Pole Condition and Remaining Strength

Pole Condition	Remaining Strength	
Critical	Less than 25%	
Poor	25 – 60%	
Fair	60-75%	
Sound	75-100%	

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1	Response to Allstream Interrogatory Question #4	
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3	Refere	ence: Exhibit H, Tab 7, Schedule 1, Page Specific Charges - Proposed New
4	Charg	e: Pole Attachments; Decision and Order RP 2003-0249.
5		
6	Quest	<u>ion #4:</u>
7		
8	a.	In assessing reasonableness of pole replacement costs, does Hydro Ottawa use
9		benchmarks from other utilities? If not, why not?
10		
11	b.	Provide Hydro Ottawa's understanding of why its net embedded cost per pole
12		should be more than three times as high as the basis for the current province-
13		wide rate.
14		
15 16		
10		
17	Respo	onse:
18	a.	Yes. HOL is within the norm for large urban areas with its pole replacements
19		costs.
20		
21	b.	The current province wide rate was based on a small to mid-sized municipal local
22		distribution company from 1995 where the net embedded cost per pole was lower
23		than HOL's current cost.