

Cambridge & North Dumfries Hydro Inc. Proposed Embedded Distribution Low Voltage Charges Inputs - Waterloo North Hydro Inc.

Distributor debt rate (deemed)
 Distributor return on equity before tax (utilized in formula)
 Distributor tax rate
 Distributor return before tax

Deemed debt share
 Deemed equity share

Working Capital Allowance Percentage

Ontario Energy Board	
FILE No.	EB-2007-0900
EXHIBIT No.	K.T. 1.7
DATE	July 9/08

	percent
P	6.01%
Q	9.00%
R	38.00%
S	7.51%
T	50.00%
U	50.00%
V	15%

Primary feeders - Definition????? Need?????

Total annual OM&A costs of asset class providing LV services
 Original cost of asset class providing LV services
 Accumulative amortization on asset class providing LV services
 Annual amortization on asset class providing LV services
 NBV of asset class providing LV services

 Annual Billed Demand (kW or kVA) Total on Low Voltage Lines
 Annual Billed Demand (kW or kVA) of Embedded Distributor on Low Voltage Lines

 Total Line Length (KM) of System (overhead and/or underground as applicable)
 Total Line Length (KM) to provide LV Services

**THIS "ASSET CLASS" WAS SHOWN IN
 THE 2006 EDR METHODOLOGY - DO
 WE NEED THIS OR IS COVERED
 SUFFICIENTLY UNDER LOW VOLTAGE
 LINES BELOW????**

Rate Base - Transformer Stations

NBV of assets
Working Capital Allowance:
 OM&A Costs x Working Capital Allowance Percentage

 Rate Base

Distribution Stations

Total annual OM&A costs of asset class providing LV services
 Original cost of asset class providing LV services
 Accumulative amortization on asset class providing LV services
 Annual amortization on asset class providing LV services
 NBV of asset class providing LV services

 Annual Billed Demand (kW or kVA) Total on Distribution Stations
 Annual Billed Demand (kW or kVA) of Embedded Distributor on Distribution Stations

USoA Accts
 5005****, 5010****, 5012*, 5016, 5017,
 5105****, 5110*, 5114
 1805*, 1806*, 1808*, 1820
 2105***
 5705***
 (B - C = E)

	\$
A	
B	
C	
D	
E	-
AA	-
BB	-
W	-
X	-
Y	-

Rate Base - Distribution Stations

NBV of assets
Working Capital Allowance: OM&A Costs x Working Capital Allowance Percentage
 Rate Base

(= E)
 (A * V)
 (W + X = Y)

Transformer Stations (TS)

Total annual OM&A costs of asset class providing LV services
 Original cost of asset class providing LV services
 Accumulative amortization on asset class providing LV services
 Annual amortization on asset class providing LV services
 NBV of asset class providing LV services

 Annual Billed Demand (kW or kVA) Total on Transformer Stations
 Annual Billed Demand (kW or kVA) of Embedded Distributor on Transformer Stations

USoA Accts
 5005****, 5010****, 5012 **, 5014, 5015,
 5105****, 5110**, 5112
 1805**, 1806**, 1808**, 1815, 1825
 2105***
 5705***
 (G - H = J)

	\$
F	
G	
H	
I	
J	-
CC	-
DD	-
Z	-
JJ	-
KK	-

Rate Base - Transformer Stations

NBV of assets
Working Capital Allowance: OM&A Costs x Working Capital Allowance Percentage
 Rate Base

(= J)
 (F * V)
 (Z + JJ = KK)

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Low Voltage Lines		USoA Accts		\$
Total annual OM&A costs of asset class providing LV services	Ovhd	5020, 5025, 5030, 5095, 5005****, 5010****, 5120, 5125, 5135, 5105****	K	1,893,724
	UG	5040, 5045, 5050, 5090 5145, 5150		
Original cost of asset class providing LV services	Ovhd	1830, 1835	L	43,132,918
	UG	1840, 1845		
Accumulative amortization on asset class providing LV services		2105***	M	17,508,524
Annual amortization on asset class providing LV services		5705***	N	1,726,547
NBV of asset class providing LV services		(L - M = O)	O	25,624,394
Annual Billed Demand (kW or kVA) Total on Low Voltage Lines			EE	121,536
Annual Billed Demand (kW or kVA) of Embedded Distributor on Low Voltage Lines			FF	76,261
Total Line Length (KM) of System (overhead and/or underground as applicable)			GG	727
Total Line Length (KM) to provide LV Services			HH	8.4
<u>Rate Base - Low Voltage Lines</u>				
NBV of assets		(= O)	LL	25,624,394
Working Capital Allowance: OM&A Costs x Working Capital Allowance Percentage		(K * V)	MM	284,059
Rate Base		(LL + MM = NN)	NN	25,908,452

- * - reallocate TS building and other building costs where necessary
 ** - amounts re-allocated from Station Buildings & Fixtures expense (if applicable)
 *** - will need to record portion attributable to the assets providing the LV services
 **** - if any portion of the account is applicable

Input cells

Calculated Cells

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08/99	