

**Cambridge & North Dumfries Hydro Inc. Proposed Embedded Distribution Low Voltage Charges Inputs - Hydro One Networks 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.1.8
DATE	July 9/08
08/99	

	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 (may be overhead, underground or both???)  
Total Line Length (KM) to provide LV Services

THIS "ASSET CLASS" WAS SHOWN IN THE 2006 EDR METHODOLOGY - DO WE NEED THIS OR IS 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)

**Cambridge & North Dumfries Hydro Inc. Proposed Embedded Distribution Low Voltage Charges Inputs - Hydro One Networks Inc.**

<b>Low Voltage Lines</b>		<b>USoA Accts</b>		<b>\$</b>
Total annual OM&A costs of asset class providing LV services	Ovhd	5020, 5025, 5030, 5095, 5005****, 5010****, 5120, 5125, 5135, 5105****	<b>K</b>	1,893,724
	UG	5040, 5045, 5050, 5090 5145, 5150		
Original cost of asset class providing LV services	Ovhd	1830, 1835	<b>L</b>	43,132,918
	UG	1840, 1845 2105***	<b>M</b>	17,508,524
Accumulative amortization on asset class providing LV services		5705***	<b>N</b>	1,726,547
Annual amortization on asset class providing LV services		(L - M = O)	<b>O</b>	25,624,394
NBV of asset class providing LV services				
Annual Billed Demand (kW or kVA) Total on Low Voltage Lines			<b>EE</b>	132,868
Annual Billed Demand (kW or kVA) of Embedded Distributor on Low Voltage Lines			<b>FF</b>	27,005
Total Line Length (KM) of System (overhead and/or underground as applicable)			<b>GG</b>	727
Total Line Length (KM) to provide LV Services			<b>HH</b>	8.6
<b><u>Rate Base - Low Voltage Lines</u></b>				
NBV of assets		(= O)	<b>LL</b>	25,624,394
Working Capital Allowance: OM&A Costs x Working Capital Allowance Percentage		(K * V)	<b>MM</b>	284,059
Rate Base		(LL + MM = NN)	<b>NN</b>	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

