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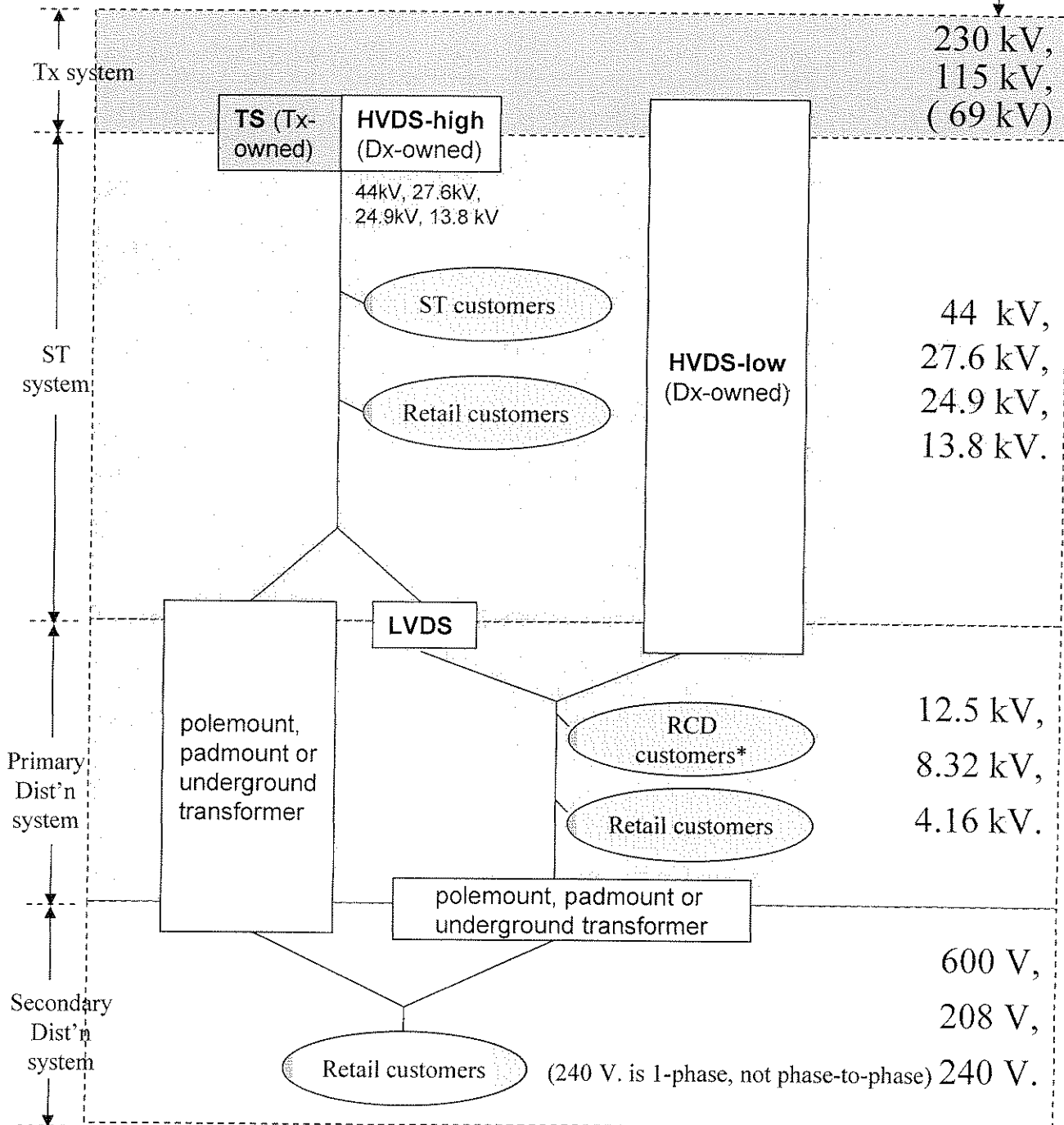
Ontario Energy Board

Evidentiary Materials
Cross-examination of Panel 4 by Board Staff

July 18, 2008

Dx System and Customers – ST basis

Nominal Phase-to-Phase system voltages



* RCD customers are embedded distributor LDCs whose delivery points are between 12.5kV and 4.16kV (nominal phase-to-phase voltages).
 RCD = "Rural-Connected Distributor"

Table 9
Proposed Sub-transmission Delivery Points 2006 Data

Current Delivery Points	Number of Delivery Points
Urban General Service above 500 kW	10
General Service three-phase above 500 kW	57
Acquired LDCs General Service customers above 500 kW	72
T-Class customers above 500 kW	124
Farm three-phase above 500 kW	1
Acquired Large Users	6
Embedded Direct	42
Embedded LDCs	358
Total Number of Delivery Points	670

The above mentioned 12 customer classes have been used in Hydro One's Cost Allocation Study to allocate the 2008 proposed Revenue Requirement amongst the customer classes.

HYDRO ONE NETWORKS INC.

RATES FOR RETAIL DISTRIBUTION SERVICE

Effective Date: May 1, 2008

This schedule supersedes and replaces all previously approved schedules of Rates,
Charges and Loss Factors

Monthly Rates and Charges

Residential – Low Density [R2]

Service Charge* - former R2 class	\$	55.55
Service Charge* - former F1 class	\$	54.70
Service Charge* - former F3 class	\$	56.31
Distribution Volumetric Rate	\$ / kWh	0.0268
Regulatory Asset Recovery - Rider #2 of former R2 class	\$ / kWh	0.0013
Regulatory Asset Recovery - Rider #2 of former F1 class	\$ / kWh	0.0010
Regulatory Asset Recovery - Rider #2 of former F3 class	\$ / kWh	0.0004
Regulatory Asset Recovery - Rider #3	\$ / kWh	(0.0005)
Retail Transmission Rate - Network Service Rate (1)	\$ / kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate (1)	\$ / kWh	0.0043
Wholesale Market Service Rate (1)	\$ / kWh	0.0052
Rural or Remote Rate Protection Rate (1)	\$ / kWh	0.0010
Standard Supply Service (Regulated Price Plan) - Administration Charge	\$	0.25

* Under the Ontario Energy Board Act, 1998 and associated regulations, every qualifying year-round customer with a principal residence is eligible to receive Rural or Remote Rate Protection (RRRP). The service charge shown for eligible R2 customers will be reduced by the applicable RRRP credit.

Seasonal Residential – Seasonal

Service Charge – former R3	\$	19.00
Service Charge – former R4	\$	31.79
Distribution Volumetric Rate - former R3	\$ / kWh	0.0469
Distribution Volumetric Rate - former R4	\$ / kWh	0.0470
Regulatory Asset Recovery - Rider #2 – former R3	\$ / kWh	0.0015
Regulatory Asset Recovery - Rider #2 – former R4	\$ / kWh	0.0024
Regulatory Asset Recovery - Rider #3	\$ / kWh	0.0002
Retail Transmission Rate - Network Service Rate (1)	\$ / kWh	0.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate (1)	\$ / kWh	0.0043
Wholesale Market Service Rate (1)	\$ / kWh	0.0052
Rural or Remote Rate Protection Rate (1)	\$ / kWh	0.0010
Standard Supply Service (Regulated Price Plan) - Administration Charge	\$	0.25

Table 6
Examples of Development of Harmonized Residential group rates
Urban and R 1

Residential - Urban	LDC 1	LDC 2
Target rates	\$14.32/month & 2.29 ¢/kWh	\$14.32/month & 2.29 ¢/kWh
LDC 2007 rate	\$6.58/month	\$18.52/month
LDC increase/(decrease)	\$7.74/month	\$(4.20)/month
LDC Yearly increase/(decrease)	\$1.94/month	\$(1.05)/month
LDC year 1 rate	$\$6.00 + \$1.94 = \$7.94/\text{month}$ & 2.40 ¢/kWh	$\$18.00 - \$1.05 =$ \$16.95/month & 2.40 ¢/kWh
LDC Year 2 rate	$\$7.94 + \$1.94 = \$9.88/\text{month}$ & 2.38 ¢/kWh	$\$16.95 - \$1.05 =$ \$15.90/month & 2.38 ¢/kWh
LDC Year 3 rate	$\$9.88 + \$1.94 = \$11.82/\text{month}$ & 2.36 ¢/kWh	$\$15.90 - \$1.05 =$ \$14.85/month & 2.36 ¢/kWh
LDC year 4 rate	\$14.32/month & 2.29 ¢/kWh	\$14.32/month & 2.29 ¢/kWh

Residential - R1	LDC 1	LDC 2
Target rates	\$19.04/month & 2.60 ¢/kWh	\$19.04/month & 2.60 ¢/kWh
LDC 2007 rate	\$3.78/month	\$20.81/month
LDC increase/(decrease)	\$15.26/month	\$(1.77)/month
LDC Yearly increase/(decrease)	\$3.82/month	\$(0.44)/month
LDC year 1 rates	$\$3.00 + \$3.82 = \$6.82/\text{month}$ & 2.71 ¢/kWh	$\$20.00 - \$0.44 =$ \$19.56/month & 2.71 ¢/kWh
LDC year 2 rates	$\$6.82 + \$3.82 = \$10.64/\text{month}$ & 2.68 ¢/kWh	$\$19.56 - \$0.44 =$ \$19.12/month & 2.68 ¢/kWh
LDC year 3 rates	$\$10.64 + \$3.82 =$ \$14.46/month & 2.65 ¢/kWh	$\$19.12 - \$0.44 =$ \$18.68/month & 2.65 ¢/kWh
LDC year 4 rates	\$19.04/month & 2.60 ¢/kWh	\$19.04/month & 2.60 ¢/kWh

Table 7
Examples of Development of Harmonized General Service group rates
General Service and Urban General Service

General Service - Energy	LDC 1	LDC 2
Target rates	\$30.97/month & 3.39 ¢/kWh	\$30.97/month & 3.39 ¢/kWh
LDC 2007 rate	\$2.88/month	\$41.34/month
LDC increase/(decrease)	\$28.09/month	\$(10.37)/month
LDC Yearly increase/(decrease)	\$7.02/month	\$(2.59)/month
LDC year 1 rates	$\$2.00 + \$7.02 = \$9.02/\text{month}$ & 3.21 ¢/kWh	$\$41.00 - \$2.59 =$ \$38.41/month & 3.21 ¢/kWh
LDC year 2 rates	$\$9.02 + \$7.02 = \$16.04/\text{month}$ & 3.27 ¢/kWh	$\$38.41 - \$2.59 =$ \$35.82/month & 3.27 ¢/kWh
LDC year 3 rates	$\$16.04 + \$7.02 =$ \$23.06/month & 3.34 ¢/kWh	$\$35.82 - \$2.59 =$ \$33.23/month & 3.34 ¢/kWh
LDC year 4 rates	\$30.97/month & 3.39 ¢/kWh	\$30.97/month & 3.39 ¢/kWh

General Service - Demand	LDC 1	LDC 2
Target rates	\$46.75/month & \$9.22/kW	\$46.75/month & \$9.22/kW
LDC 2007 rate	\$2.88/month	\$293.24/month
LDC increase/(decrease)	\$43.87/month	\$(246.49)/month
LDC Yearly increase/(decrease)	\$10.97/month	\$(61.62)/month
LDC year 1 rates	$\$2.00 + \$10.97 =$ \$12.97/month & \$9.22/kW	$\$293.00 - \$61.62 =$ \$231.38/month & \$9.22/kW
LDC year 2 rates	$\$12.97 + \$10.97 =$ \$23.94/month & \$9.22/kW	$\$231.38 - \$61.62 =$ \$169.76/month & \$9.22/kW
LDC year 3 rates	$\$33.94 + \$10.97 =$ \$34.91/month & \$9.22/kW	$\$169.76 - \$61.62 =$ \$108.14/month & \$9.22/kW
LDC year 4 rates	\$46.75/month & \$9.22/kW	\$46.75/month & \$9.22/kW

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Urban General Service - Energy	LDC 1	LDC 2
Target rates	\$12.33/month & 2.09 ¢/kWh	\$12.33/month & 2.09 ¢/kWh
LDC 2007 rate	\$3.74/month	\$23.65/month
LDC increase/(decrease)	\$8.59/month	\$(11.32)/month
LDC Yearly increase/(decrease)	\$2.15/month	\$(2.83)/month
LDC year 1 rates	$\$3.00 + \$2.15 = \$5.15/\text{month}$ & 2.00 ¢/kWh	$\$23.00 - \$2.83 =$ \$20.17/month & 2.00 ¢/kWh
LDC year 2 rates	$\$5.15 + \$2.15 = \$7.30/\text{month}$ & 2.04 ¢/kWh	$\$20.17 - \$2.83 =$ \$17.34/month & 2.04 ¢/kWh
LDC year 3 rates	$\$7.30 + \$2.15 = \$9.45/\text{month}$ & 2.07 ¢/kWh	$\$17.34 - \$2.83 =$ \$14.51/month & 2.07 ¢/kWh
LDC year 4 rates	\$12.33/month & 2.09 ¢/kWh	\$12.33/month & 2.09 ¢/kWh

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**RESULTS OF DENSITY REVIEW AND CUSTOMER
CLASSIFICATION**

This exhibit shows the results of the Density Review undertaken to identify customers that meet the Urban Density classification.

Table 1
Customers Grouped as Urban Residential

Current Customer Classification	Number of Residential customers
UR	82,519
R1	11,753
R2	293
F1	128
Arnprior	2,848 out of 3,134
Brockville	8,146 out of 8,338
Caledon OH-01	8,794
Carleton Place	3,618 out of 3,711
Dryden	2,526 out of 2,634
Lindsay	6,347 out of 6,514
Owen Sound (GBE)	7,638 out of 7,833
Perth	2,745 out of 2,845
Smith Falls	3,637 out of 3,736
Stouffville	3,228 out of 3,294
Thorold	5,963 out of 7,102
Trenton (Quinte West)	5,657 out of 6,662
Total Urban Residential	155,840

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Table 2
Customers Grouped as General Service Urban Energy

Current Customer Classification	Number of Urban General Service Energy
UG	5,309
G1	425
G3	432
F1	18
Amprior	294 out of 438
Brockville	934 out of 969
Carleton Place	284 out of 347
Dryden	427 out of 445
Lindsay	777 out of 837
Owen Sound (GBE)	1,107 out of 1,140
Perth	417 out of 447
Smith Falls	578 out of 635
Stouffville	271 out of 276
Thorold	441 out of 695
Trenton (Quinte West)	713 out of 825
Total Urban General Service energy	12,427

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Table 3
Customers Grouped as General Service Urban Demand

Current Customer Classification	Number of Urban General Service Demand
UG	593
G1	8
G3	119
Arnprior	27 out of 48
Brockville	141 out of 159
Carleton Place	26 out of 34
Dryden	50
Lindsay	85 out of 110
Owen Sound (GBE)	104 out of 117
Perth	33 out of 46
Smith Falls	43 out of 50
Stouffville	23 out of 25
Thorold	40 out of 69
Trenton (Quinte West)	83 out of 106
Total Urban General Service energy	1,375

The following is a list of the communities analyzed:

Clarence Rockland
Dryden
Perth
Arnprior
Stouffville
Carleton Place
Smiths Falls
Trenton
Essex
Lindsay
Thorold
Owen Sound
Brockville
East Gwillimbury Twp

HARMONIZATION OF ACQUIRED LDC CUSTOMERS

1.0 INTRODUCTION

This exhibit provides numerical details in support of the proposed harmonization plan for the 88 Acquired Utilities. Included here also are the complete set of likely customer bill impacts.

Initially, a review is provided of the existing rates for each of the Acquired Utilities as of May 1st, 2007 including Regulatory Asset Rate Riders. Then the harmonization proposal supporting data is presented.

2.0 ACQUIRED LDC RATE CLASSES AND CURRENT RATES

The current individual rates and rate riders for each of the Acquired LDCs are shown in Tables 1, 2, 3 and 4 with Table 5 being a summary.

Table 1
Acquired Utility Residential Rates and Rate Riders on May 1st, 2007

	Customers 2006	2007 Rates excluding rate riders		2007 Rate Rider # 1	2007 Rate Rider # 2
		\$/customer	¢/kWh	¢/kWh	¢/kWh
Ailsa Craig	348	10.51	0.82	0.35	0.11
Arkona	217	5.84	0.26	0.68	0.33
Arnprior	3134	11.54	1.47	0.49	0.18
Arran-Elderslie	1681	9.02	0.95	0.35	0.15
Artemesia	412	12.73	0.93	0.59	0.34
Bancroft	1002	13.48	0.95	0.34	0.12
Bath	737	13.38	0.86	0.68	0.38
Blandford-Blenheim	838	11.63	0.90	0.63	0.33
Blyth	382	7.19	0.91	0.54	0.27
Bobcaygeon	1641	14.47	0.97	0.28	0.10
Brighton	2320	11.61	1.07	0.37	0.11

	Customers 2006	2007 Rates excluding rate riders		2007 Rate Rider # 1	2007 Rate Rider # 2
Whitchurch-Stouffville	3294	10.54	1.02	0.36	0.12
South Bruce Peninsula	893	15.83	1.55	0.37	0.14
Woodville	320	3.78	0.95	0.51	0.26
Wyoming	829	11.52	0.81	0.36	0.11
Terrace Bay	1025	20.81	1.45	0.97	

Table 2
Acquired General Service Energy Billed Rates and Rate Riders on May 1st, 2007

	Customers	2007 Rates excluding rate riders		2007 Rate Rider # 1	2007 Rate Rider # 2
		\$/customer	¢/kWh	¢/kWh	¢/kWh
Ailsa Craig	45	17.31	1.32	0.17	0.09
Arkona	37	3.20	0.86	0.51	0.36
Arnprior	461	21.38	1.17	0.16	0.06
Arran-Elderslie	243	8.83	1.03	0.17	0.09
Artemesia	92	19.62	1.74	0.49	0.34
Bancroft	300	24.41	1.18	0.17	0.08
Bath	53	10.65	1.47	0.29	0.24
Blandford-Blenheim	125	23.85	1.14	0.28	0.20
Blyth	73	21.63	1.05	0.26	0.20
Bobcaygeon	282	23.20	1.38	0.18	0.09
Brighton	247	22.90	1.35	0.20	0.08
Brockville	1009	21.65	0.78	0.13	0.04
Caledon CH	623	24.21	1.80	0.14	0.08
Caledon GS 05		23.34	2.19	0.22	0.20
Caledon OH	1,004	25.56	1.70	0.16	0.07
Campbellford-Seymour	295	16.19	1.19	0.17	0.05
Carleton Place	378	23.65	1.68	0.13	0.07
Cavan-Millbrook-North Monaghan	82	22.28	1.50	0.33	0.26
Centre Hastings	165	18.38	0.97	0.14	0.06
Chalk River	31	21.33	1.79	0.39	0.34
Champlain	179	20.59	0.91	0.26	0.15
Cobden	89	21.93	2.13	0.36	0.30
Deep River	168	23.94	2.26	0.15	0.14
Deseronto	70	10.14	1.35	0.13	0.05
Dryden	450	19.11	1.03	0.12	0.04

Hydro One Networks Inc.
TARIFF OF RATES AND CHARGES
 for the Service Area Formerly Served by
Hydro-Electric Commission of the Town of Arnprior
 Effective Date: May 1, 2008

This schedule supersedes and replaces all previously
 approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES

Residential - UR/R1 Arnprior

Service Charge	\$	11.70
Distribution Volumetric Rate	\$ / kWh	0.0240
Regulatory Asset Recovery - Rider #2	\$ / kWh	0.0018
Regulatory Asset Recovery - Rider #3	\$ / kWh	(0.0002)
Retail Transmission Rate - Network Service Rate (3)	\$ / kWh	0.0047
Retail Transmission Rate - Line and Transformation Connection Service Rate (3)	\$ / kWh	0.0045
Wholesale Market Service Rate (3)	\$ / kWh	0.0052
Rural or Remote Rate Protection Rate (3)	\$ / kWh	0.0010
Standard Supply Service (Regulated Price Plan) - Administration Charge	\$	0.25

General Service Less Than 50 kW (Energy-Billed) - UGe/GSe Arnprior

Service Charge	\$	18.74
Distribution Volumetric Rate	\$ / kWh	0.0200
Regulatory Asset Recovery - Rider #2	\$ / kWh	0.0006
Regulatory Asset Recovery - Rider #3	\$ / kWh	(0.0006)
Retail Transmission Rate - Network Service Rate (3)	\$ / kWh	0.0036
Retail Transmission Rate - Line and Transformation Connection Service Rate (3)	\$ / kWh	0.0033
Wholesale Market Service Rate (3)	\$ / kWh	0.0052
Rural or Remote Rate Protection Rate (3)	\$ / kWh	0.0010
Standard Supply Service (Regulated Price Plan) - Administration Charge	\$	0.25

General Service 50 kW or Greater (Demand-Billed) - UGd/GSd Arnprior

Service Charge	\$	22.95
Distribution Volumetric Rate	\$ / kW	7.33
Regulatory Asset Recovery - Rider #2	\$ / kW	0.20
Regulatory Asset Recovery - Rider #3	\$ / kW	(0.27)
Retail Transmission Rate - Network Service Rate (4)	\$ / kW	1.41
Retail Transmission Rate - Line and Transformation Connection Service Rate (4)	\$ / kW	1.27
Wholesale Market Service Rate (3)	\$ / kWh	0.0052
Rural or Remote Rate Protection Rate (3)	\$ / kWh	0.0010
Standard Supply Service (Regulated Price Plan) - Administration Charge	\$	0.25

MITIGATION OF BILL IMPACTS ACQUIRED LDC CUSTOMERS

This exhibit presents the proposed impact mitigation plan for Acquired LDC customers. As per the guidelines in the 2006 Electricity Distribution Rate Handbook, LDCs have to present a mitigation plan if as a result of the proposed rate increase customer classes, or group of customers, have impacts higher than 10 percent on total bill.

1.0 INTRODUCTION

As was shown in Exhibit G1, Tab 7, Schedule 2, customer classes of Acquired LDCs prior to mitigation would see impacts higher than 10 percent on total bill resulting from the proposed increase in 2008 Revenue Rates, harmonization of distribution rates, Regulatory Asset Rate Rider # 3, and RTSR changes.

Hydro One Distribution proposes the following mitigation initiatives to address the impacts on the Acquired LDC customer classes that could see impacts, on average, of over 10 percent on total bill.

1. The target distribution rates are being phased-in over a period of four years. Average total bill impacts have been limited to a maximum of 10% in 2008, 8% in 2009, and 7% in 2010. These maximums leave some room to accommodate third generation Incentive Rate Mechanism increases. Increases in 2011 reflect the remaining increases resulting from the multi-year proposed harmonization process and result in average total bill impacts below 10%. The volumetric charges were adjusted as necessary each year to limit total bill impacts in 2008, 2009 and 2010. Any shortfall in revenues resulting from this mitigation measure is being absorbed first by the Acquired LDC in subsequent years, and if this is not possible, then by the Legacy

1 customer classes in the same group as the Acquired customer classes requiring
2 mitigation.

3 2. Regulatory Rate Rider # 3 is being refunded over 4 years consistent with Hydro One
4 approved past practices with respect to Regulatory Rate Riders and to provide for a
5 smoother bill impacts over the 4 year period.

6 3. The target revenue to cost ratio range proposed is between 0.7 and 1.2 instead of
7 proposing revenue to cost ratio of 1. This is consistent with the Board's Report issued
8 November 28, 2007.

9 4. Proposed rates in 2010 and 2011 were adjusted to provide for a smoother set of
10 impacts in those years.

11 5. A deferral account is being set up to recover the shortfall in 2008 proposed Revenue
12 Requirement that results from Hydro One's proposed Revenue to Cost Ratios by
13 customer class. The Revenue to Cost ratios are consistent with the Board's
14 recommended Revenue to Cost ratios.

15

16 Table 1, below shows the initial 2008 Distribution rates derived in Exhibits G1, Tab 4,
17 Schedule 3, and the adjusted 2008 Distribution rates after taking into account the rate
18 mitigation initiative above for the customer classes.

19

20 The complete 2008 Rate Schedules are provided in Exhibit G2, Tabs 6 to Tab 93.

21

Table 1
2008 Distribution Rates

Acquired LDC	Residential				GS<50				GS>50			
	2008 Initial		2008 Mitigated		2008 Initial		2008 Mitigated		2008 Initial		2008 Mitigated	
	SrChg	¢/kWh	SrChg	¢/kWh	SrChg*	¢/kWh	SrChg*	¢/kWh	SrChg	¢/kWh	SrChg	¢/kWh
Ailsa Craig	12.13	2.71	12.13	1.85	20.41	3.21	20.41	2.34	24.36	9.22	24.36	9.00
Arkona	8.30	2.71	8.30	1.50	9.94	3.21	9.94	1.98	13.89	9.22	13.89	9.22
Arnprior	12.88	2.71	11.70	2.40	23.40	3.21	18.74	2.00	27.34	9.22	22.95	7.33
Arran-Elderslie	11.51	2.71	11.51	1.90	13.53	3.21	13.53	1.90	17.48	9.22	17.48	8.00
Artemesia	13.58	2.71	13.58	2.35	21.84	3.21	21.84	3.21	25.78	9.22	25.78	9.22
Bancroft	14.39	2.71	14.39	2.10	25.64	3.21	25.64	2.30	29.59	9.22	29.59	8.50
Bath	14.42	2.71	14.42	2.35	15.08	3.21	15.08	2.55	19.03	9.22	19.03	9.00
Blandford-Blenheim	12.85	2.71	12.85	2.30	24.78	3.21	24.78	2.40	28.73	9.22	28.73	8.90
Blyth	9.96	2.71	9.96	2.00	23.33	3.21	23.33	2.20	27.28	9.22	27.28	8.50
Bobcaygeon	15.14	2.71	15.14	2.05	24.94	3.21	24.94	2.50	28.89	9.22	28.89	9.22
Brighton	12.86	2.71	12.86	2.20	24.02	3.21	24.02	2.50	27.96	9.22	27.96	9.22
Brockville	13.68	2.71	12.50	2.40	23.33	3.21	18.67	2.00	27.28	9.22	22.89	6.70
Caledon OH 01	-	2.71	16.95	2.15	-	3.21	-	-	-	9.22	-	-

Total Bill Impacts of Proposed Distribution Rates [new RTSR+TLF]: Threshold of 750 kWhs

[illegible]

Table B4: Program Expected to be in 2008 (Best Available Information Only)

Program	2008 Forecast			
	Budget	kW Savings	kWh Savings	Target Units
MARR Funded Programs				
Distribution Loss Reduction	\$ 800,000			
Time of Use Pilot	\$ 130,000			
C/I, Mush Conservation	\$ 90,000			
C/I and Load Control	\$ 50,000			
Program Management and Research	\$ 80,000			
Low Income	\$ 50,000			
Residential Load Control	\$ 130,000			
Miscellaneous	\$ 25,000			
Rate Funded Administration of CDM work				
Maintenance of MARR Funded Programs and Minimum Capability	\$ 1,000,000			
OPA Core Programs				
Great Refrigerator Roundup	\$ 650,000			20,300
Electricity Retrofit Incentive Program	\$ 2,200,000			145
Peaksaver	\$ 8,500,000			14,900
Summer Sweepstakes	Program details not yet available.			
Small Commercial Direct Install	Program details not yet available.			
OPA Custom Program Applications				
Double Return	Under development			
Arena Retrofit	Under development			
Compressed Air	Under development			
In Home Display	Under development			
First Nations Retrofit	Under development			
Low Income Retrofit	Under development			
Ministry of Energy Funding				
Powerhouse	\$ 500,000			

Source: Hydro One Distribution and OPA

1 **Consumers Council of Canada (CCC) INTERROGATORY #20 List 1**

2
3 **Interrogatory**

4
5 **Cost of Service**

6
7 **CDM**

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9 20 /T13/S1/p. 8

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11 Please confirm that beyond April 30, 2008, HON will only be undertaking CDM
12 programs through the OPA funded framework. Are there any costs included in the 2008
13 revenue requirement related to CDM? If so, please identify where those costs are
14 accounted for.

15
16
17 **Response**

18
19 It is HONI's intent to seek funding for CDM funding primarily via the OPA funded
20 framework. HONI has included \$1M in the 2008 revenue requirement within the Other
21 Shared Services – Other category to sustain existing CDM programs and maintain a
22 minimum capability. HONI also requires an additional \$800,000 to close off the
23 programs initiated under MARR funding.
24