

# OPA Conservation & Demand Management Programs

## Initiative Results at End-User Level

2006-2009 OPA CDM Results - London Hydro

For: London Hydro Inc.

### Net Summer Peak Demand Savings (MW)

#	Initiative Name	Program Name	Program Year	Results Status	2009	2010	2011
1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	0.0343	0.0343	0.0343
2	Cool & Hot Savings Rebate	Consumer	2006	Final	0.3457	0.3457	0.3457
3	Every Kilowatt Counts	Consumer	2006	Final	0.1142	0.1142	0.1142
4	Demand Response 1	Business, Industrial	2006	Final	0.0000	0.0000	0.0000
5	Loblaw & York Region Demand Response	Business, Industrial	2006	Final	0.0000	0.0000	0.0000
6	Great Refrigerator Roundup	Consumer	2007	Final	0.0610	0.0610	0.0545
7	Cool & Hot Savings Rebate	Consumer	2007	Final	0.3959	0.3959	0.3959
8	Every Kilowatt Counts	Consumer	2007	Final	0.1248	0.1248	0.1248
9	<b>peaksaver®</b>	Consumer, Business	2007	Final	0.0000	0.0000	0.0000
10	Summer Savings	Consumer	2007	Final	0.2635	0.2635	0.2635
11	Aboriginal	Consumer	2007	Final	0.0000	0.0000	0.0000
12	Affordable Housing Pilot	Consumer Low-Income	2007	Final	0.0048	0.0048	0.0048
13	Social Housing Pilot	Consumer Low-Income	2007	Final	0.0380	0.0380	0.0380
14	Energy Efficiency Assistance for Houses Pilot	Consumer Low-Income	2007	Final	0.0028	0.0028	0.0028
15	Electricity Retrofit Incentive	Business	2007	Final	1.2524	1.2524	1.2524
16	Toronto Comprehensive	Business	2007	Final	0.0000	0.0000	0.0000
17	Demand Response 1	Business, Industrial	2007	Final	0.0000	0.0000	0.0000
18	Loblaw & York Region Demand Response	Business, Industrial	2007	Final	0.0000	0.0000	0.0000
19	Renewable Energy Standard Offer	Consumer, Business, Industrial	2007	Final	0.0000	0.0000	0.0000
20	Great Refrigerator Roundup	Consumer	2008	Final	0.1302	0.1302	0.1302
21	Cool Savings Rebate	Consumer	2008	Final	0.4082	0.4082	0.4082
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	0.1705	0.1705	0.1705
23	<b>peaksaver®</b>	Consumer, Business	2008	Final	0.0000	0.0000	0.0000
24	Summer Sweepstakes	Consumer	2008	Final	0.4136	0.4136	0.4136
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final	1.9985	1.9985	1.9985
26	Toronto Comprehensive	Consumer, Consumer Low-Income, Business	2008	Final	0.0000	0.0000	0.0000
27	High Performance New Construction	Business	2008	Final	0.0092	0.0092	0.0092
28	Power Savings Blitz	Business	2008	Final	0.0030	0.0013	0.0013
29	Demand Response 1	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
30	Demand Response 3	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
31	Loblaw & York Region Demand Response	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
32	Renewable Energy Standard Offer	Consumer, Business	2008	Final	0.0000	0.0000	0.0000
33	Other Customer Based Generation	Business	2008	Final	0.0000	0.0000	0.0000
34	LDC Custom - Hydro One Networks Inc. - Double Return	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
35	Great Refrigerator Roundup	Consumer	2009	Final	0.1865	0.1865	0.1865
36	Cool Savings Rebate	Consumer	2009	Final	0.5124	0.5124	0.5124
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	0.1370	0.1347	0.1347
38	<b>peaksaver®</b>	Consumer, Business	2009	Final	0.0000	0.0000	0.0000
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final	1.6024	1.6024	1.6024
40	Toronto Comprehensive	Consumer, Consumer Low-Income, Business,	2009	Final	0.0000	0.0000	0.0000
41	High Performance New Construction	Business	2009	Final	0.1029	0.1029	0.1029
42	Power Savings Blitz	Business	2009	Final	0.8357	0.8357	0.8357
43	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Income	2009	Final	0.0000	0.0000	0.0000
44	Demand Response 1	Business, Industrial	2009	Final	4.6477	0.0000	0.0000

45	Demand Response 2	Business, Industrial	2009	Final		3.1559	0.0000	0.0000
46	Demand Response 3	Business, Industrial	2009	Final		4.5084	0.0000	0.0000
47	Loblaw & York Region Demand Response	Business, Industrial	2009	Final		0.7747	0.0000	0.0000
48	LDC Custom - Thunder Bay Hydro - Phantom Load	Consumer	2009	Final		0.0000	0.0000	0.0000
49	LDC Custom - Toronto Hydro - Summer Challenge	Consumer	2009	Final		0.0000	0.0000	0.0000
50	LDC Custom - PowerStream - Data Centers	Business	2009	Final		0.0000	0.0000	0.0000
51	Toronto Comprehensive Adjustment	Consumer, Business	2008	Final		0.0000	0.0000	0.0000
52	LDC Custom - Hydro One Networks Inc. - Double Return Adjustment	Business, Industrial	2008	Final		0.0000	0.0000	0.0000

<b>2006 Subtotal</b>						<b>0.4941</b>	<b>0.4941</b>	<b>0.4941</b>
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<b>2007 Subtotal</b>						<b>2.1432</b>	<b>2.1432</b>	<b>2.1366</b>
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<b>2008 Subtotal</b>						<b>3.1332</b>	<b>3.1315</b>	<b>3.1315</b>
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<b>2009 Subtotal</b>						<b>16.4636</b>	<b>3.3746</b>	<b>3.3746</b>
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<b>Overall Total</b>						<b>22.2341</b>	<b>9.1434</b>	<b>9.1368</b>
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#### Net Energy Savings (MWh)

#	Initiative Name	Program Name	Program Year	Results Status	2009	2010	2011
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1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	151	151	151
2	Cool & Hot Savings Rebate	Consumer	2006	Final	373	373	373
3	Every Kilowatt Counts	Consumer	2006	Final	9,679	1,248	1,248
4	Demand Response 1	Business, Industrial	2006	Final	0	0	0
5	Loblaw & York Region Demand Response	Business, Industrial	2006	Final	0	0	0
6	Great Refrigerator Roundup	Consumer	2007	Final	480	480	479
7	Cool & Hot Savings Rebate	Consumer	2007	Final	593	593	593
8	Every Kilowatt Counts	Consumer	2007	Final	3,513	3,513	3,513
9	peaksaver®	Consumer, Business	2007	Final	0	0	0
10	Summer Savings	Consumer	2007	Final	209	209	209
11	Aboriginal	Consumer	2007	Final	0	0	0
12	Affordable Housing Pilot	Consumer Low-Income	2007	Final	8	8	8
13	Social Housing Pilot	Consumer Low-Income	2007	Final	323	323	323
14	Energy Efficiency Assistance for Houses Pilot	Consumer Low-Income	2007	Final	4	4	4
15	Electricity Retrofit Incentive	Business	2007	Final	3,479	3,479	3,479
16	Toronto Comprehensive	Business	2007	Final	0	0	0
17	Demand Response 1	Business, Industrial	2007	Final	0	0	0
18	Loblaw & York Region Demand Response	Business, Industrial	2007	Final	0	0	0
19	Renewable Energy Standard Offer	Consumer, Business, Industrial	2007	Final	0	0	0
20	Great Refrigerator Roundup	Consumer	2008	Final	1,199	1,199	1,199
21	Cool Savings Rebate	Consumer	2008	Final	644	644	644
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	3,257	3,257	3,257
23	peaksaver®	Consumer, Business	2008	Final	0	0	0
24	Summer Sweepstakes	Consumer	2008	Final	1,029	1,029	1,029
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final	12,385	12,385	12,385
26	Toronto Comprehensive	Consumer, Consumer Low-Income, Business	2008	Final	0	0	0
27	High Performance New Construction	Business	2008	Final	8	8	8
28	Power Savings Blitz	Business	2008	Final	22	9	9
29	Demand Response 1	Business, Industrial	2008	Final	0	0	0
30	Demand Response 3	Business, Industrial	2008	Final	0	0	0

31	Loblaw & York Region Demand Response	Business, Industrial	2008	Final	0	0	0
32	Renewable Energy Standard Offer	Consumer, Business	2008	Final	0	0	0
33	Other Customer Based Generation	Business	2008	Final	0	0	0
34	LDC Custom - Hydro One Networks Inc. - Double Return	Business, Industrial	2008	Final	0	0	0
35	Great Refrigerator Roundup	Consumer	2009	Final	1,243	1,243	1,243
36	Cool Savings Rebate	Consumer	2009	Final	778	778	778
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	1,353	1,297	1,297
38	<i>peaksaver</i> ®	Consumer, Business	2009	Final	0	0	0
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final	11,850	11,850	11,850
40	Toronto Comprehensive	Consumer, Consumer Low-Income, Business,	2009	Final	0	0	0
41	High Performance New Construction	Business	2009	Final	235	235	235
42	Power Savings Blitz	Business	2009	Final	3,260	3,260	3,260
43	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Income	2009	Final	0	0	0
44	Demand Response 1	Business, Industrial	2009	Final	204	0	0
45	Demand Response 2	Business, Industrial	2009	Final	1,944	0	0
46	Demand Response 3	Business, Industrial	2009	Final	37	0	0
47	Loblaw & York Region Demand Response	Business, Industrial	2009	Final	0	0	0
48	LDC Custom - Thunder Bay Hydro - Phantom Load	Consumer	2009	Final	0	0	0
49	LDC Custom - Toronto Hydro - Summer Challenge	Consumer	2009	Final	0	0	0
50	LDC Custom - PowerStream - Data Centers	Business	2009	Final	0	0	0
51	Toronto Comprehensive Adjustment	Consumer, Business	2008	Final	0	0	0
52	LDC Custom - Hydro One Networks Inc. - Double Return Adjustment	Business, Industrial	2008	Final	0	0	0

<b>2006 Subtotal</b>					<b>10,203</b>	<b>1,772</b>	<b>1,772</b>
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<b>2007 Subtotal</b>					<b>8,610</b>	<b>8,610</b>	<b>8,608</b>
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<b>2008 Subtotal</b>					<b>18,544</b>	<b>18,532</b>	<b>18,532</b>
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<b>2009 Subtotal</b>					<b>20,905</b>	<b>18,663</b>	<b>18,663</b>
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<b>Overall Total</b>					<b>58,262</b>	<b>47,577</b>	<b>47,576</b>
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### Gross Summer Peak Demand Savings (MW)

#	Initiative Name	Program Name	Program Year	Results Status	2009	2010	2011
1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	0.0381	0.0381	0.0381
2	Cool & Hot Savings Rebate	Consumer	2006	Final	0.4203	0.4203	0.4203
3	Every Kilowatt Counts	Consumer	2006	Final	0.1268	0.1268	0.1268
4	Demand Response 1	Business, Industrial	2006	Final	0.0000	0.0000	0.0000
5	Loblaw & York Region Demand Response	Business, Industrial	2006	Final	0.0000	0.0000	0.0000
6	Great Refrigerator Roundup	Consumer	2007	Final	0.1491	0.1491	0.1339
7	Cool & Hot Savings Rebate	Consumer	2007	Final	0.8310	0.8310	0.8310
8	Every Kilowatt Counts	Consumer	2007	Final	0.1759	0.1759	0.1759
9	<i>peaksaver</i> ®	Consumer, Business	2007	Final	0.0000	0.0000	0.0000
10	Summer Savings	Consumer	2007	Final	2.1955	2.1955	2.1955
11	Aboriginal	Consumer	2007	Final	0.0000	0.0000	0.0000
12	Affordable Housing Pilot	Consumer Low-Income	2007	Final	0.0048	0.0048	0.0048
13	Social Housing Pilot	Consumer Low-Income	2007	Final	0.0380	0.0380	0.0380
14	Energy Efficiency Assistance for Houses Pilot	Consumer Low-Income	2007	Final	0.0028	0.0028	0.0028
15	Electricity Retrofit Incentive	Business	2007	Final	1.3916	1.3916	1.3916
16	Toronto Comprehensive	Business	2007	Final	0.0000	0.0000	0.0000

17	Demand Response 1	Business, Industrial	2007	Final	0.0000	0.0000	0.0000
18	Loblaw & York Region Demand Response	Business, Industrial	2007	Final	0.0000	0.0000	0.0000
19	Renewable Energy Standard Offer	Consumer, Business, Industrial	2007	Final	0.0000	0.0000	0.0000
20	Great Refrigerator Roundup	Consumer	2008	Final	0.2444	0.2444	0.2444
21	Cool Savings Rebate	Consumer	2008	Final	0.7088	0.7088	0.7088
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	0.4047	0.4047	0.4047
23	peaksaver®	Consumer, Business	2008	Final	0.0000	0.0000	0.0000
24	Summer Sweepstakes	Consumer	2008	Final	0.5331	0.5331	0.5331
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final	3.5111	3.5111	3.5111
26	Toronto Comprehensive	Consumer, Consumer Low-Income, Business	2008	Final	0.0000	0.0000	0.0000
27	High Performance New Construction	Business	2008	Final	0.0131	0.0131	0.0131
28	Power Savings Blitz	Business	2008	Final	0.0032	0.0014	0.0014
29	Demand Response 1	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
30	Demand Response 3	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
31	Loblaw & York Region Demand Response	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
32	Renewable Energy Standard Offer	Consumer, Business	2008	Final	0.0000	0.0000	0.0000
33	Other Customer Based Generation	Business	2008	Final	0.0000	0.0000	0.0000
34	LDC Custom - Hydro One Networks Inc. - Double Return	Business, Industrial	2008	Final	0.0000	0.0000	0.0000
35	Great Refrigerator Roundup	Consumer	2009	Final	0.3622	0.3622	0.3622
36	Cool Savings Rebate	Consumer	2009	Final	1.1721	1.1721	1.1721
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	0.3741	0.3589	0.3589
38	peaksaver®	Consumer, Business	2009	Final	0.0000	0.0000	0.0000
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final	2.4444	2.4444	2.4444
40	Toronto Comprehensive	Consumer, Consumer Low-Income, Business,	2009	Final	0.0000	0.0000	0.0000
41	High Performance New Construction	Business	2009	Final	0.1471	0.1471	0.1471
42	Power Savings Blitz	Business	2009	Final	0.8797	0.8797	0.8797
43	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Income	2009	Final	0.0000	0.0000	0.0000
44	Demand Response 1	Business, Industrial	2009	Final	4.6477	0.0000	0.0000
45	Demand Response 2	Business, Industrial	2009	Final	3.1559	0.0000	0.0000
46	Demand Response 3	Business, Industrial	2009	Final	4.5084	0.0000	0.0000
47	Loblaw & York Region Demand Response	Business, Industrial	2009	Final	0.7747	0.0000	0.0000
48	LDC Custom - Thunder Bay Hydro - Phantom Load	Consumer	2009	Final	0.0000	0.0000	0.0000
49	LDC Custom - Toronto Hydro - Summer Challenge	Consumer	2009	Final	0.0000	0.0000	0.0000
50	LDC Custom - PowerStream - Data Centers	Business	2009	Final	0.0000	0.0000	0.0000
51	Toronto Comprehensive Adjustment	Consumer, Business	2008	Final	0.0000	0.0000	0.0000
52	LDC Custom - Hydro One Networks Inc. - Double Return Adjustment	Business, Industrial	2008	Final	0.0000	0.0000	0.0000

<b>2006 Subtotal</b>					<b>0.5852</b>	<b>0.5852</b>	<b>0.5852</b>
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<b>2007 Subtotal</b>					<b>4.7887</b>	<b>4.7887</b>	<b>4.7736</b>
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<b>2008 Subtotal</b>					<b>5.4184</b>	<b>5.4166</b>	<b>5.4166</b>
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<b>2009 Subtotal</b>					<b>18.4663</b>	<b>5.3645</b>	<b>5.3645</b>
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<b>Overall Total</b>					<b>29.2587</b>	<b>16.1550</b>	<b>16.1398</b>
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**Gross Energy Savings (MWh)**

#	Initiative Name	Program Name	Program Year	Results Status	2009	2010	2011
1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	168	168	168
2	Cool & Hot Savings Rebate	Consumer	2006	Final	473	473	473

3	Every Kilowatt Counts	Consumer	2006	Final		10,754	1,387	1,387
4	Demand Response 1	Business, Industrial	2006	Final		0	0	0
5	Loblaw & York Region Demand Response	Business, Industrial	2006	Final		0	0	0
6	Great Refrigerator Roundup	Consumer	2007	Final		1,187	1,187	1,184
7	Cool & Hot Savings Rebate	Consumer	2007	Final		1,165	1,165	1,165
8	Every Kilowatt Counts	Consumer	2007	Final		4,773	4,773	4,773
9	<i>peaksaver</i> ®	Consumer, Business	2007	Final		0	0	0
10	Summer Savings	Consumer	2007	Final		1,742	1,742	1,742
11	Aboriginal	Consumer	2007	Final		0	0	0
12	Affordable Housing Pilot	Consumer Low-Income	2007	Final		8	8	8
13	Social Housing Pilot	Consumer Low-Income	2007	Final		323	323	323
14	Energy Efficiency Assistance for Houses Pilot	Consumer Low-Income	2007	Final		4	4	4
15	Electricity Retrofit Incentive	Business	2007	Final		3,865	3,865	3,865
16	Toronto Comprehensive	Business	2007	Final		0	0	0
17	Demand Response 1	Business, Industrial	2007	Final		0	0	0
18	Loblaw & York Region Demand Response	Business, Industrial	2007	Final		0	0	0
19	Renewable Energy Standard Offer	Consumer, Business, Industrial	2007	Final		0	0	0
20	Great Refrigerator Roundup	Consumer	2008	Final		2,210	2,210	2,210
21	Cool Savings Rebate	Consumer	2008	Final		1,122	1,122	1,122
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final		8,073	8,073	8,073
23	<i>peaksaver</i> ®	Consumer, Business	2008	Final		0	0	0
24	Summer Sweepstakes	Consumer	2008	Final		1,326	1,326	1,326
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final		23,275	23,275	23,275
26	Toronto Comprehensive	Consumer, Consumer Low-Income, Business	2008	Final		0	0	0
27	High Performance New Construction	Business	2008	Final		11	11	11
28	Power Savings Blitz	Business	2008	Final		23	10	10
29	Demand Response 1	Business, Industrial	2008	Final		0	0	0
30	Demand Response 3	Business, Industrial	2008	Final		0	0	0
31	Loblaw & York Region Demand Response	Business, Industrial	2008	Final		0	0	0
32	Renewable Energy Standard Offer	Consumer, Business	2008	Final		0	0	0
33	Other Customer Based Generation	Business	2008	Final		0	0	0
34	LDC Custom - Hydro One Networks Inc. - Double Return	Business, Industrial	2008	Final		0	0	0
35	Great Refrigerator Roundup	Consumer	2009	Final		2,333	2,333	2,333
36	Cool Savings Rebate	Consumer	2009	Final		1,821	1,821	1,821
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final		3,687	3,334	3,334
38	<i>peaksaver</i> ®	Consumer, Business	2009	Final		0	0	0
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final		17,747	17,747	17,747
40	Toronto Comprehensive	Consumer, Consumer Low-Income, Business,	2009	Final		0	0	0
41	High Performance New Construction	Business	2009	Final		335	335	335
42	Power Savings Blitz	Business	2009	Final		3,432	3,432	3,432
43	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Income	2009	Final		0	0	0
44	Demand Response 1	Business, Industrial	2009	Final		204	0	0
45	Demand Response 2	Business, Industrial	2009	Final		1,944	0	0
46	Demand Response 3	Business, Industrial	2009	Final		37	0	0
47	Loblaw & York Region Demand Response	Business, Industrial	2009	Final		0	0	0
48	LDC Custom - Thunder Bay Hydro - Phantom Load	Consumer	2009	Final		0	0	0
49	LDC Custom - Toronto Hydro - Summer Challenge	Consumer	2009	Final		0	0	0
50	LDC Custom - PowerStream - Data Centers	Business	2009	Final		0	0	0
51	Toronto Comprehensive Adjustment	Consumer, Business	2008	Final		0	0	0
52	LDC Custom - Hydro One Networks Inc. - Double Return Adjustment	Business, Industrial	2008	Final		0	0	0
<b>2006 Subtotal</b>						<b>11,395</b>	<b>2,027</b>	<b>2,027</b>

2007 Subtotal			13,069	13,069	13,066
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2008 Subtotal			36,041	36,028	36,028
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2009 Subtotal			31,541	29,003	29,003
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Overall Total			92,045	80,127	80,123
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\*London Hydro is not requesting LRAM /SSM for Programs in 2006, 2007, and 2008

Class/ Program	Year Program Implemented	2009		2009		2010		2010		TOTAL		TOTAL	
		NET		GROSS		NET		GROSS		NET		GROSS	
		kWh	Kw	kWh	Kw	kWh	Kw	kWh	Kw	kWh	Kw	kWh	Kw
Great Refrigerator Roundup	2009	1,243,000	186.5	2,333,000	362.2	1,243,000	186.5	2,333,000	362.2	2,486,000	373.0	4,866,000	724.4
Cool Savings Rebate	2009	778,000	512.4	1,821,000	1,172.1	778,000	512.4	1,821,000	1,172.1	1,556,000	1,024.8	3,642,000	2,344.2
Every Kilowatt Counts Power Savings Event	2009	1,353,000	137.0	3,687,000	374.1	1,297,000	134.7	3,334,000	358.9	2,650,000	271.7	7,021,000	733.0
Great Refrigerator Roundup	2010	0	0.0	0	0.0	1,243,000	186.5	2,333,000	362.2	1,243,000	186.5	2,333,000	362.2
Cool Savings Rebate	2010	0	0.0	0	0.0	778,000	512.4	1,821,000	1,172.1	778,000	512.4	1,821,000	1,172.1
Every Kilowatt Counts Power Savings Event	2010	0	0.0	0	0.0	1,297,000	134.7	3,334,000	358.9	1,297,000	134.7	3,334,000	358.9
<b>Residential Total</b>		<b>3,374,000</b>	<b>835.9</b>	<b>7,841,000</b>	<b>1,908.4</b>	<b>6,636,000</b>	<b>1,667.2</b>	<b>14,976,000</b>	<b>3,786.4</b>	<b>10,010,000</b>	<b>2,503.1</b>	<b>22,817,000</b>	<b>5,694.8</b>
<b>General Service &lt; 50 kW</b>													
OPA Energy Retrofit Incentive Program (ERIP)	2009	639,924	86.5	958,357	132	639,924	86.5	958,357	132.0	1,279,847	173.1	1,916,714	264.0
High Performance New Construction	2009	235,000	102.9	335,000	147.1	235,000	102.9	335,000	147.1	470,000	205.8	670,000	294.2
Power Savings Blitz	2009	3,260,000	835.7	3,432,000	879.7	3,260,000	835.7	3,432,000	879.7	6,520,000	1,671.4	6,864,000	1,759.4
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	0.0	0	0.0	971,736	131.4	1,455,283	200.4	971,736	131.4	1,455,283	200.4
High Performance New Construction	2010	0	0.0	0	0.0	235,000	102.9	335,000	147.1	235,000	102.9	335,000	147.1
Power Savings Blitz	2010	0	0.0	0	0.0	3,260,000	835.7	3,432,000	879.7	3,260,000	835.7	3,432,000	879.7
<b>Total General Service &lt; 50 kW</b>		<b>4,134,924</b>	<b>1,025.1</b>	<b>4,725,357</b>	<b>1,158.8</b>	<b>8,601,659</b>	<b>2,095.1</b>	<b>9,947,640</b>	<b>2,386.0</b>	<b>12,736,583</b>	<b>3,120.2</b>	<b>14,672,997</b>	<b>3,544.8</b>
<b>General Service 50 kW to 4,999 kW</b>													
OPA Energy Retrofit Incentive Program (ERIP)	2009	8,443,048	1,141.5	12,644,213	1,741.5	8,443,048	1,141.5	12,644,213	1,741.5	16,886,096	2,283.1	25,288,426	3,482.9
Demand Response 1	2009	204,000	4,647.7	204,000	4,647.7	0	0.0	0	0.0	204,000	4,647.7	204,000	4,647.7
Demand Response 2	2009	1,944,000	3,155.9	1,944,000	3,155.9	0	0.0	0	0.0	1,944,000	3,155.9	1,944,000	3,155.9
Demand Response 3	2009	37,000	4,508.4	37,000	4,508.4	0	0.0	0	0.0	37,000	4,508.4	37,000	4,508.4
Loblaw & York Region Demand Response	2009	0	774.7	0	774.7	0	0.0	0	0.0	0	774.7	0	774.7
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	0.0	0	0.0	8,192,602	1,107.8	12,269,335	1,690	8,192,602	1,107.8	12,269,335	1,689.9
Demand Response 1	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Demand Response 2	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Demand Response 3	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Loblaw & York Region Demand Response	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Total General Service 50 to 4,999 kW</b>		<b>10,628,048</b>	<b>14,228.2</b>	<b>14,829,213</b>	<b>14,828.2</b>	<b>16,635,650</b>	<b>2,249.3</b>	<b>24,913,548</b>	<b>3,431.4</b>	<b>27,263,698</b>	<b>16,477.6</b>	<b>39,742,761</b>	<b>18,259.6</b>
<b>to 4,999 kW (Co-Generation)</b>													
OPA Energy Retrofit Incentive Program (ERIP)	2009	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Total General Service 50 to 4,999 kW (Co-Generation)</b>		<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>Large User</b>													
OPA Energy Retrofit Incentive Program (ERIP)	2009	2,768,028	374.3	4,145,431	571.0	0	0.0	0	0.0	2,768,028	374.3	4,145,431	571.0
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	0.0	0	0.0	2,768,028	374.3	4,145,431	571.0	2,768,028	374.3	4,145,431	571.0
<b>Large User</b>		<b>2,768,028</b>	<b>374.3</b>	<b>4,145,431</b>	<b>571.0</b>	<b>2,768,028</b>	<b>374.3</b>	<b>4,145,431</b>	<b>571.0</b>	<b>5,536,056</b>	<b>748.6</b>	<b>8,290,861</b>	<b>1,142.0</b>
<b>Total Load Impacts from OPA programs</b>		<b>20,905,000</b>	<b>16,464</b>	<b>31,541,000</b>	<b>18,466</b>	<b>34,641,337</b>	<b>6,386</b>	<b>53,982,618</b>	<b>10,175</b>	<b>55,546,337</b>	<b>22,849</b>	<b>85,523,619</b>	<b>28,641</b>

\*London Hydro is not requesting LRAM /SSM for Programs in 2006, 2007, and 2008

Class/ Program	Year Program Implemented	2009				2010				Total Revenue
		Load Impact	kWh or kW	Rate per Unit	Revenue	Load Impact	kWh or kW	Rate per Unit	Revenue	
Great Refrigerator Roundup	2009	1,243,000	kWh	\$ 0.0143	\$ 17,774.90	1,243,000	kWh	\$ 0.0142	\$ 17,650.60	\$ 35,425.50
Cool Savings Rebate	2009	778,000	kWh	\$ 0.0143	\$ 11,125.40	778,000	kWh	\$ 0.0142	\$ 11,047.60	\$ 22,173.00
Every Kilowatt Counts Power Savings Event	2009	1,353,000	kWh	\$ 0.0143	\$ 19,347.90	1,297,000	kWh	\$ 0.0142	\$ 18,417.40	\$ 37,765.30
Great Refrigerator Roundup	2010	1,243,000	kWh	\$ 0.0142	\$ 17,650.60	1,243,000	kWh	\$ 0.0142	\$ 17,650.60	\$ 17,650.60
Cool Savings Rebate	2010	778,000	kWh	\$ 0.0142	\$ 11,047.60	778,000	kWh	\$ 0.0142	\$ 11,047.60	\$ 11,047.60
Every Kilowatt Counts Power Savings Event	2010	1,353,000	kWh	\$ 0.0142	\$ 19,212.60	1,353,000	kWh	\$ 0.0142	\$ 19,212.60	\$ 19,212.60
<b>Residential Total</b>		<b>3,374,000</b>			<b>\$ 48,248.20</b>	<b>6,692,000</b>			<b>\$ 95,026.40</b>	<b>\$ 143,274.60</b>
<b>General Service &lt; 50 kW</b>										
OPA Energy Retrofit Incentive Program (ERIP)	2009	639,924	kWh	\$ 0.0094	\$ 6,015.28	639,924	kWh	\$ 0.0091	\$ 5,823.30	\$ 11,838.59
High Performance New Construction	2009	235,000	kWh	\$ 0.0094	\$ 2,209.00	235,000	kWh	\$ 0.0091	\$ 2,138.50	\$ 4,347.50
Power Savings Blitz	2009	3,260,000	kWh	\$ 0.0094	\$ 30,644.00	3,260,000	kWh	\$ 0.0091	\$ 29,666.00	\$ 60,310.00
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	kWh	\$ 0.0094	\$ -	639,924	kWh	\$ 0.0091	\$ 5,823.30	\$ 5,823.30
High Performance New Construction	2010	0	kWh	\$ 0.0094	\$ -	235,000	kWh	\$ 0.0091	\$ 2,138.50	\$ 2,138.50
Power Savings Blitz	2010	0	kWh	\$ 0.0094	\$ -	3,260,000	kWh	\$ 0.0091	\$ 29,666.00	\$ 29,666.00
<b>Total General Service &lt; 50 kW</b>		<b>4,134,924</b>			<b>\$ 38,868.28</b>	<b>8,269,847</b>			<b>\$ 75,255.61</b>	<b>\$ 114,123.89</b>
<b>General Service 50 kW to 4,999 kW</b>										
OPA Energy Retrofit Incentive Program (ERIP)	2009	1,142	kW	\$ 1,602.3	\$ 1,829.10	1,142	kW	\$ 1,605.2	\$ 1,832.41	\$ 3,661.51
Demand Response 1	2009	4,648	kW	\$ 1,602.3	\$ 7,447.01	0	kW	\$ 1,605.2	\$ -	\$ 7,447.01
Demand Response 2	2009	3,156	kW	\$ 1,602.3	\$ 5,056.70	0	kW	\$ 1,605.2	\$ -	\$ 5,056.70
Demand Response 3	2009	4,508	kW	\$ 1,602.3	\$ 7,223.81	0	kW	\$ 1,605.2	\$ -	\$ 7,223.81
Loblaw & York Region Demand Response	2009	775	kW	\$ 1,602.3	\$ 1,241.30	0	kW	\$ 1,605.2	\$ -	\$ 1,241.30
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	kW	\$ 1,602.3	\$ -	1,108	kW	\$ 1,605.2	\$ 1,778.17	\$ 1,778.17
Demand Response 1	2010	0	kW	\$ 1,602.3	\$ -	0	kW	\$ 1,605.2	\$ -	\$ -
Demand Response 2	2010	0	kW	\$ 1,602.3	\$ -	0	kW	\$ 1,605.2	\$ -	\$ -
Demand Response 3	2010	0	kW	\$ 1,602.3	\$ -	0	kW	\$ 1,605.2	\$ -	\$ -
Loblaw & York Region Demand Response	2010	0	kW	\$ 1,602.3	\$ -	0	kW	\$ 1,605.2	\$ -	\$ -
<b>Total General Service 50 to 4,999 kW</b>		<b>14,228</b>			<b>\$ 22,797.92</b>	<b>2,249</b>			<b>\$ 3,610.58</b>	<b>\$ 26,408.50</b>
<b>1,000 to 4,999 kW (Co-Generation)</b>										
OPA Energy Retrofit Incentive Program (ERIP)	2009	0	kW	\$ 4,654.2	\$ -	0	kW	\$ 3,964.2	\$ -	\$ -
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	kW	\$ 4,654.2	\$ -	0	kW	\$ 3,964.2	\$ -	\$ -
<b>Total General Service 50 to 4,999 kW (Co-Generation)</b>		<b>0</b>			<b>\$ -</b>	<b>0</b>			<b>\$ -</b>	<b>\$ -</b>
<b>Large User</b>										
OPA Energy Retrofit Incentive Program (ERIP)	2009	374	kW	\$ 1,930.2	\$ 722.43	0	kW	\$ 2,255.2	\$ -	\$ 722.43
OPA Energy Retrofit Incentive Program (ERIP)	2010	0	kW	\$ 1,930.2	\$ -	374	kW	\$ 2,255.2	\$ 844.07	\$ 844.07
<b>Large User</b>		<b>374</b>			<b>\$ 722.43</b>	<b>374</b>			<b>\$ 844.07</b>	<b>\$ 1,566.50</b>
<b>Total Forgone Revenue OPA programs</b>		<b>7,523,526</b>			<b>\$ 110,636.83</b>	<b>14,964,471</b>			<b>\$ 174,736.66</b>	<b>\$ 285,373.49</b>

ERIP ALLOCATION:

From OPA Verified Results (see Tab ERIP Savings)

\*\* Used 2009 OPA verified results as proxy for 2010.

	2009		2009		2010		2010	
	NET		GROSS		NET		GROSS	
	11,850,437	1,602.4	17,747,350	2,444.4				

Allocation of Retrofit kWh (GS 50 and Kw Demand)

	2009	11,850,437	1,602.4	17,747,350	2,444.4
GS < 50	5.4%	639,924	86.5	958,357	132.0
Other Demand	94.6%	11,210,513	1,515.8	16,788,994	2,312.4
		11,850,437	1,602.4	17,747,350	2,444.4



## Energy Management Department

To: Mike Chase  
Date: November 10, 2011  
From: Gary Rains

Re: Energy Conservation & Demand Management in 2009 and 2010  
Claim for Lost Revenue Adjustment Mechanism (LRAM)

Most of the Ontario Power Authority energy conservation and demand management programs are specific to a rate class. For example, the Great Refrigerator Round-Up (and its successor the saveONenergy FRIDGE & FREEZER PICKUP) is specific to the "residential" customer class. Similarly the Power Savings Blitz (and its successor the saveONenergy SMALL BUSINESS LIGHTING) is specific to the "general service less than 50 kW" customer class.

It is only the Electricity Retrofit Incentive Program (ERIP, and its successor, the saveONenergy RETROFIT PROGRAM) that spans several customer classes, namely "general service less than 50 kW", "general service greater than 50 kW", and "large user". As you will recall, London Hydro carried out ERIP projects both within its franchise service territory and outside its territory (for franchise business operations using the OPA's Head Office model).

It is understood that London Hydro has now received "final results" from the Ontario Power Authority for the portfolio of energy conservation programs executed in 2009. These final results will include the "gross kW reductions" as shown on the individual project sheets, as well as assessed "gross kWh reductions" (depending upon the energy conservation measure), and "net kW reduction" and "net kWh reduction" based on assumptions concerning free riders, free drivers and similar factors.

According to our records (and the information submitted to OPA), for ERIP projects carried out within London Hydro's franchise service territory during 2009, the division of "gross kW reductions" amongst the three (3) customer classes was:

Table 1, 2009 ERIP Gross Demand Reduction (within London)

Customer Classification	Gross kW Demand Reduction	Percentage
General Service Less Than 50 kW	215.7	5.4%
General Service Greater Than 50 kW	3,627.91	91.5%
Large User	122.36	3.0%
<b>Total:</b>	<b>3,965.98</b>	<b>99.9%</b>

Similarly, for ERIP projects carried out within London Hydro's franchise service territory during 2010, the division of "gross kW reductions" amongst the three (3) customer classes was:



DIVISION OF GROSS kW REDUCTIONS amongst the three (3) customer classes was:

**Table 2, 2010 ERIIP Gross Demand Reduction (within London)**

<b>Customer Classification</b>	<b>Gross kW Demand Reduction</b>	<b>Percentage</b>
General Service Less Than 50 kW	316	8.2%
General Service Greater Than 50 kW	3,554	91.7%
Large User	0	0%
<b>Total:</b>	<b>3,874</b>	<b>99.9%</b>

It is entirely likely that there are some classification anomalies in the foregoing tables. For example, some customers that were initially classified as "general service greater than 50 kW" prior to implementation of the energy conservation measures may be re-classified as "general service less than 50 kW" after implementation of the energy efficiency measures.

Categorization anomalies can similarly where, for example, an multi-metered office building has been entirely retrofitted. The concourse may have been classified as "general service greater than 50 kW" whereas the individual floors were classified as "general service less than 50 kW".

However, in spite of these shortcomings, I believe that the data presented above is "close enough" for the intended purposes.

\* \* \* \* \*

For the purposes of reflecting 100% totals for the above allocation table, the 0.1% balance will be allocated to General Service Greater Than 50 kW.

# OPA Conservation & Demand Management Programs

## Initiative Results at End-User Level

For: London Hydro Inc.

### Net Summer Peak Demand Savings (MW)

#	Initiative Name	Program Name	Program
15	Electricity Retrofit Incentive	Business	2007
25	Electricity Retrofit Incentive	Consumer, Business	2008
39	Electricity Retrofit Incentive	Consumer, Business	2009
<b>2009 Subtotal</b>			

### Net Energy Savings (MWh)

#	Initiative Name	Program Name	Program Year
15	Electricity Retrofit Incentive	Business	2007
25	Electricity Retrofit Incentive	Consumer, Business	2008
39	Electricity Retrofit Incentive	Consumer, Business	2009
<b>2009 Subtotal</b>			

### Gross Summer Peak Demand Savings (MW)

#	Initiative Name	Program Name	Program Year
15	Electricity Retrofit Incentive	Business	2007

25	Electricity Retrofit Incentive	Consumer, Business	2008
39	Electricity Retrofit Incentive	Consumer, Business	2009

**2009 Subtotal**

**Gross Energy Savings (MWh)**

#	Initiative Name	Program Name	Program Year
15	Electricity Retrofit Incentive	Business	2007
25	Electricity Retrofit Incentive	Consumer, Business	2008
39	Electricity Retrofit Incentive	Consumer, Business	2009

**2009 Subtotal**

Results			2009	2010	2011
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Final			1.2524	1.2524	1.2524
Final			1.9985	1.9985	1.9985
Final			1.6024	1.6024	1.6024

			4.8532	4.8532	4.8532
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Results Status			2009	2010	2011
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Final			3,479	3,479	3,479
Final			12,385	12,385	12,385
Final			11,850	11,850	11,850

			27,714	27,714	27,714
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Results Status			2009	2010	2011
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Final			1.3916	1.3916	1.3916
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Final			3.5111	3.5111	3.5111
Final			2.4444	2.4444	2.4444

			7.3472	7.3472	7.3472
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<b>Results Status</b>			<b>2009</b>	<b>2010</b>	<b>2011</b>
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Final			3,865	3,865	3,865
Final			23,275	23,275	23,275
Final			17,747	17,747	17,747

			31,541	29,003	29,003
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London Hydro Inc.

OPA CDM Program Load Impacts (2009 and 2010)

Boards's Prescribe Interest Rates and Calculated Interest

	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011	Q4 2011	4 Months to April 30, 2012	Total
%	0.55	0.55	0.89	1.2	1.47	1.47	1.47	1.47	1.47	
Residential (\$)	\$ 66	\$ 66	\$ 107	\$ 145	\$ 527	\$ 527	\$ 527	\$ 349	\$ 702	\$ 3,015.65
GS < 50 kW (\$)	\$ 53	\$ 53	\$ 86	\$ 117	\$ 419	\$ 419	\$ 419	\$ 277	\$ 559	\$ 2,403.96
GS 50 to 4,999 kW (\$)	\$ 31	\$ 31	\$ 51	\$ 68	\$ 97	\$ 97	\$ 97	\$ 13	\$ 129	\$ 615.64
GS 1,000 to 4,999 kW Co G	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Large User (\$)	\$ 1	\$ 1	\$ 2	\$ 2	\$ 6	\$ 6	\$ 6	\$ 6	\$ 8	\$ 36.46

London Hydro Inc.

OPA CDM Program Load Impacts (2009 and 2010)

LRAM Rate Riders

Class	Units	LRAM	Carrying Charges	Total	2010 Billing Determines	Rate Rider
Residential	kWh	\$ 143,275	\$ 3,016	\$ 146,290	1,146,514,255	\$ 0.0001
GS < 50 kW	kWh	\$ 114,124	\$ 2,404	\$ 116,528	407,620,994	\$ 0.0003
GS 50 to 4,999 kW	kW	\$ 26,409	\$ 616	\$ 27,024	3,944,476	\$ 0.0069
Large User	kW	\$ 1,567	\$ 36	\$ 1,603	402,894	\$ 0.0040

Billing Determinates used 2010 Distribution Energy Quantities (Actual)

\$ 291,445