

Large Urban Distributors Performance Comparison - 2010 Yearbook Data - SEC 1R s 2-5

<u>PP&E per Customer</u>			<u>Dx Revenue per Customer</u>		
Utility	PPE/Customer	% of Average	Utility	Revenue/Customer	% of Average
London Hydro Inc.	\$1,330	69%	Horizon Utilities Corporation	\$382.47	75%
Horizon Utilities Corporation	\$1,420	74%	London Hydro Inc.	\$421.07	83%
Veridian Connections Inc.	\$1,484	77%	Kitchener-Wilmot Hydro Inc.	\$423.49	83%
Kitchener-Wilmot Hydro Inc.	\$1,699	88%	Veridian Connections Inc.	\$434.20	85%
Hydro Ottawa Limited	\$1,772	92%	Hydro One Brampton Networks Inc.	\$472.43	93%
Hydro One Brampton Networks Inc.	\$1,928	100%	Hydro Ottawa Limited	\$493.52	97%
PowerStream Inc.	\$2,116	110%	PowerStream Inc.	\$501.23	98%
EnWin Utilities Ltd.	\$2,156	112%	EnWin Utilities Ltd.	\$594.30	117%
Energource Hydro Mississauga Inc.	\$2,295	119%	Energource Hydro Mississauga Inc.	\$615.66	121%
Toronto Hydro-Electric System Limited	\$3,066	159%	Toronto Hydro-Electric System Limited	\$752.26	148%
AVERAGE	\$1,927		AVERAGE	\$509.06	
Average of the Nine	\$1,800	170%	Average of the Nine	\$482.04	156%

<u>Capital Additions per Customer</u>			<u>OM&A per Customer</u>		
Utility	Capex/Customer	% of Average	Utility	OM&A/Customer	% of Average
Horizon Utilities Corporation	\$165.49	60%	Kitchener-Wilmot Hydro Inc.	\$147.31	71%
London Hydro Inc.	\$180.79	65%	Hydro One Brampton Networks Inc.	\$150.37	73%
EnWin Utilities Ltd.	\$218.58	79%	Horizon Utilities Corporation	\$168.41	81%
Kitchener-Wilmot Hydro Inc.	\$240.53	87%	Veridian Connections Inc.	\$182.72	88%
Veridian Connections Inc.	\$247.32	90%	Hydro Ottawa Limited	\$192.44	93%
Energource Hydro Mississauga Inc.	\$259.09	94%	PowerStream Inc.	\$204.53	99%
Hydro One Brampton Networks Inc.	\$265.94	96%	London Hydro Inc.	\$204.70	99%
PowerStream Inc.	\$285.99	104%	Energource Hydro Mississauga Inc.	\$249.14	120%
Hydro Ottawa Limited	\$297.64	108%	EnWin Utilities Ltd.	\$259.61	125%
Toronto Hydro-Electric System Limited	\$601.45	218%	Toronto Hydro-Electric System Limited	\$311.95	151%
AVERAGE	\$276.28		AVERAGE	\$207.12	
Average of the Nine	\$240.15	250%	Average of the Nine	\$195.47	160%

This page - calculations based on a full spreadsheet data from the yearbook.

Ontario Energy Board

FILE No.

EXHIBIT No.

DATE

08/99

In response to Mr. Hejnes - re: 300,000 customers behind bulk meters -

Dx Cost per Delivered kwh

<u>Utility</u>	<u>Cost per Kwh</u>	<u>% of Average</u>
Energource Hydro Mississauga Inc.	\$0.0154	83%
Horizon Utilities Corporation	\$0.0157	85%
Hydro One Brampton Networks Inc.	\$0.0168	91%
London Hydro Inc.	\$0.0183	99%
Veridian Connections Inc.	\$0.0192	104%
EnWin Utilities Ltd.	\$0.0195	105%
Hydro Ottawa Limited	\$0.0195	105%
PowerStream Inc.	\$0.0196	106%
Kitchener-Wilmot Hydro Inc.	\$0.0200	108%
Toronto Hydro-Electric System Limited	\$0.0213	115%
AVERAGE	\$0.0185	
Average of the Nine	\$0.0182	117%

Dx Cost per Peak KW

<u>Utility</u>	<u>Cost per KW</u>	<u>% of Average</u>
Energource Hydro Mississauga Inc.	\$76.81	84%
Hydro One Brampton Networks Inc.	\$79.35	87%
Horizon Utilities Corporation	\$82.18	90%
PowerStream Inc.	\$86.06	94%
London Hydro Inc.	\$90.00	98%
Veridian Connections Inc.	\$95.89	105%
EnWin Utilities Ltd.	\$97.44	106%
Hydro Ottawa Limited	\$97.74	107%
Kitchener-Wilmot Hydro Inc.	\$99.67	109%
Toronto Hydro-Electric System Limited	\$110.09	120%
AVERAGE	\$91.52	
Average of the Nine	\$89.46	123%

Cost per population served

<u>Utility</u>	<u>Cost by Pop.</u>	<u>% of Average</u>
Hydro One Brampton Networks Inc.	\$127.18	76%
PowerStream Inc.	\$136.32	81%
Kitchener-Wilmot Hydro Inc.	\$147.45	88%
Horizon Utilities Corporation	\$156.15	93%
Veridian Connections Inc.	\$156.37	93%
Energource Hydro Mississauga Inc.	\$161.85	96%
London Hydro Inc.	\$174.33	104%
Hydro Ottawa Limited	\$179.68	107%
Toronto Hydro-Electric System Limited	\$210.47	125%
EnWin Utilities Ltd.	\$233.80	139%
AVERAGE	\$168.36	
Average of the Nine	\$163.68	129%

Cost per Km of line

<u>Utility</u>	<u>Cost by density</u>	<u>% of Average</u>
Kitchener-Wilmot Hydro Inc.	\$19,657	70%
Veridian Connections Inc.	\$21,242	76%
PowerStream Inc.	\$22,107	79%
London Hydro Inc.	\$22,309	80%
Hydro One Brampton Networks Inc.	\$22,463	80%
Energource Hydro Mississauga Inc.	\$22,992	82%
Horizon Utilities Corporation	\$26,259	94%
Hydro Ottawa Limited	\$27,407	98%
EnWin Utilities Ltd.	\$42,779	153%
Toronto Hydro-Electric System Limited	\$52,740	188%
AVERAGE	\$27,995	
Average of the Nine	\$25,246	209%

Financial ROE @ actual equity

<i>Utility</i>	<i>ROE Actual</i>	<i>% of Average</i>
EnWin Utilities Ltd.	13.31%	146%
Hydro One Brampton Networks Inc.	11.89%	131%
Veridian Connections Inc.	11.01%	121%
Hydro Ottawa Limited	10.33%	113%
PowerStream Inc.	9.23%	101%
Kitchener-Wilmot Hydro Inc.	7.67%	84%
London Hydro Inc.	7.59%	83%
Toronto Hydro-Electric System Limited	7.26%	80%
Horizon Utilities Corporation	6.63%	73%
Enersource Hydro Mississauga Inc.	6.13%	67%
AVERAGE	9.11%	
Average of the Nine	9.31%	78%

Financial ROE @ 40% equity

<i>Utility</i>	<i>ROE Deemed</i>	<i>% of Average</i>
EnWin Utilities Ltd.	12.08%	150%
Hydro One Brampton Networks Inc.	9.52%	118%
Hydro Ottawa Limited	9.38%	116%
Kitchener-Wilmot Hydro Inc.	8.64%	107%
Veridian Connections Inc.	8.52%	105%
London Hydro Inc.	8.13%	101%
PowerStream Inc.	7.20%	89%
Horizon Utilities Corporation	6.58%	81%
Toronto Hydro-Electric System Limited	5.70%	71%
Enersource Hydro Mississauga Inc.	5.05%	62%
AVERAGE	8.08%	
Average of the Nine	8.34%	68%

Capex/Depreciation

<i>Utility</i>	<i>Capex/Deprec.</i>	<i>% of Average</i>
Enersource Hydro Mississauga Inc.	137.90%	72%
EnWin Utilities Ltd.	151.43%	80%
Horizon Utilities Corporation	157.75%	83%
London Hydro Inc.	166.60%	87%
PowerStream Inc.	201.28%	106%
Hydro One Brampton Networks Inc.	202.37%	106%
Hydro Ottawa Limited	207.17%	109%
Veridian Connections Inc.	211.95%	111%
Kitchener-Wilmot Hydro Inc.	212.60%	112%
Toronto Hydro-Electric System Limited	255.36%	134%
AVERAGE	190.44%	
Average of the Nine	183.23%	139%

Actual Equity Thickness

<i>Utility</i>	<i>Equity Thickness</i>	<i>% of Average</i>
Kitchener-Wilmot Hydro Inc.	45.10%	126%
London Hydro Inc.	42.85%	119%
Horizon Utilities Corporation	39.68%	111%
EnWin Utilities Ltd.	36.32%	101%
Hydro Ottawa Limited	36.31%	101%
Enersource Hydro Mississauga Inc.	32.92%	92%
Hydro One Brampton Networks Inc.	32.05%	89%
Toronto Hydro-Electric System Limited	31.41%	88%
PowerStream Inc.	31.17%	87%
Veridian Connections Inc.	30.94%	86%
AVERAGE	35.88%	
Average of the Nine	36.37%	86%

Annual Distribution Bill Comparison - Top Ten LDCs 2011 Rates

(monthly charge and volumetric rate)

Utility	Residential		GS<50		GS>50		Large		Overall Ranking
	800 kwh	% of Avg	2000 kwh	% of Avg	250 KW	% of Avg	10 MW	% of Avg	
Powerstream	\$271.32	92.69%	\$616.68	96.02%	\$11,423.52	94.33%	\$150,572.04	37.45%	80.12%
Hydro One Brampton	\$253.32	86.54%	\$583.32	90.83%	\$8,547.36	70.58%	\$308,266.20	76.67%	81.15%
Veridian	\$282.72	96.58%	\$569.88	88.73%	\$10,687.32	88.25%	\$298,353.48	74.21%	86.94%
London Hydro	\$287.64	98.26%	\$570.24	88.79%	\$8,306.22	68.59%	\$516,621.00	128.50%	96.03%
Horizon	\$309.72	105.81%	\$587.52	91.48%	\$9,621.42	79.44%	\$432,013.20	107.45%	96.05%
Kitchener-Wilmot	\$278.28	95.07%	\$596.04	92.81%	\$14,769.48	121.95%	\$333,957.24	83.06%	98.22%
Hydro Ottawa	\$301.20	102.90%	\$621.12	96.71%	\$12,128.52	100.15%	\$509,337.84	126.69%	106.61%
EnWin	\$320.40	109.45%	\$691.44	107.66%	\$15,070.26	124.44%	\$353,362.68	87.89%	107.36%
Enersource	\$254.52	86.95%	\$750.96	116.93%	\$13,334.10	110.10%	\$512,472.24	127.47%	110.36%
Toronto Hydro	\$368.11	125.75%	\$835.13	130.04%	\$17,219.74	142.19%	\$605,507.91	150.61%	137.15%
AVERAGE	\$292.72		\$642.23		\$12,110.79		\$402,046.38		

Annual Distribution Bill Comparison - LDCs over 30,000 Customers - 2011 Rates
(monthly charge and volumetric rate)

Utility	Residential		GS<50		GS>50		Large		Overall
	800 kwh	% of Avg	2000 kwh	% of Avg	250 KW	% of Avg	10 MW	% of Avg	
Thunder Bay	\$237.60	80.85%	\$529.08	83.71%	\$6,921.24	56.62%	\$0.00	0.00%	73.73%
Peterborough	\$252.12	85.79%	\$569.28	90.07%	\$10,186.56	83.34%	\$162,788.76	43.42%	75.65%
Powerstream	\$271.32	92.32%	\$616.68	97.57%	\$11,423.52	93.46%	\$150,572.04	40.16%	80.88%
Hydro One Brampton	\$253.32	86.20%	\$583.32	92.29%	\$8,547.36	69.93%	\$308,266.20	82.22%	82.66%
Brantford	\$267.84	91.14%	\$448.68	70.99%	\$11,238.60	91.94%	\$0.00	0.00%	84.69%
Oshawa	\$219.48	74.68%	\$513.48	81.24%	\$11,770.02	96.29%	\$362,548.44	96.70%	87.23%
Veridian	\$282.72	96.20%	\$569.88	90.16%	\$10,687.32	87.43%	\$298,353.48	79.58%	88.34%
Guelph	\$318.36	108.33%	\$521.52	82.51%	\$11,067.78	90.55%	\$272,059.44	72.56%	88.49%
Cambridge North Dumf.	\$273.96	93.22%	\$441.12	69.79%	\$12,195.96	99.78%	\$348,099.72	92.84%	88.91%
Burlington	\$303.84	103.39%	\$626.28	99.09%	\$9,362.58	76.60%	\$0.00	0.00%	93.02%
Oakville	\$294.48	100.20%	\$724.80	114.67%	\$12,286.50	100.52%	\$262,744.92	70.08%	96.37%
Chatham Kent Hydro	\$297.84	101.35%	\$667.56	105.62%	\$10,283.76	84.13%	\$0.00	0.00%	97.03%
Horizon	\$309.72	105.39%	\$587.52	92.95%	\$9,621.42	78.71%	\$432,013.20	115.23%	98.07%
London Hydro	\$287.64	97.88%	\$570.24	90.22%	\$8,306.22	67.95%	\$516,621.00	137.79%	98.46%
Kitchener-Wilmot	\$278.28	94.69%	\$596.04	94.30%	\$14,769.48	120.83%	\$333,957.24	89.07%	99.72%
PUC Distribution	\$249.72	84.97%	\$605.64	95.82%	\$14,899.92	121.90%	\$0.00	0.00%	100.90%
Hydro Ottawa	\$301.20	102.49%	\$621.12	98.27%	\$12,128.52	99.22%	\$509,337.84	135.85%	108.96%
EnWin	\$320.40	109.02%	\$691.44	109.39%	\$15,070.26	123.29%	\$353,362.68	94.25%	108.99%
Sudbury	\$310.08	105.51%	\$697.92	110.42%	\$14,657.52	119.91%	\$0.00	0.00%	111.95%
Enersource	\$254.52	86.61%	\$750.96	118.81%	\$13,334.10	109.09%	\$512,472.24	136.68%	112.80%
Bluewater Power	\$342.72	116.62%	\$693.72	109.76%	\$12,280.92	100.47%	\$472,671.72	126.07%	113.23%
Whitby	\$342.24	116.46%	\$703.20	111.26%	\$14,049.48	114.94%	\$0.00	0.00%	114.22%
Niagara Peninsula	\$338.16	115.07%	\$762.84	120.69%	\$14,662.20	119.95%	\$0.00	0.00%	118.57%
Waterloo North	\$351.36	119.56%	\$696.36	110.17%	\$14,875.74	121.70%	\$464,129.64	123.79%	118.81%
Newmarket-Tay	\$313.80	106.78%	\$809.76	128.11%	\$15,717.54	128.59%	\$0.00	0.00%	121.16%
Toronto Hydro	\$368.11	125.26%	\$835.13	132.13%	\$17,464.55	142.88%	\$613,803.96	163.71%	140.99%
AVERAGE	\$293.88		\$632.06		\$12,223.43		\$374,929.56		

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Annual Distribution Bill Comparison - LDCs with Large Users - 2011 Rates
(monthly charge and volumetric rate)

Utility	Residential		GS<50		GS>50		Large		Overall
	800 kwh	% of Avg	2000 kwh	% of Avg	250 KW	% of Avg	10 MW	% of Avg	Ranking
Peterborough	\$252.12	85.44%	\$569.28	94.01%	\$10,186.56	90.29%	\$162,788.76	47.82%	79.39%
Kingston Hydro	\$286.80	97.19%	\$545.16	90.02%	\$9,009.12	79.85%	\$180,932.16	53.15%	80.06%
Erie Thames	\$291.24	98.70%	\$443.28	73.20%	\$5,931.30	52.57%	\$355,501.92	104.43%	82.23%
Welland	\$308.16	104.43%	\$501.36	82.79%	\$8,273.76	73.34%	\$258,706.32	76.00%	84.14%
Powerstream	\$271.32	91.95%	\$616.68	101.84%	\$11,423.52	101.25%	\$150,572.04	44.23%	84.82%
Hydro One Brampton	\$253.32	85.85%	\$583.32	96.33%	\$8,547.36	75.76%	\$308,266.20	90.56%	87.12%
E.L.K.	\$209.40	70.96%	\$540.72	89.29%	\$13,736.28	121.75%	\$258,706.32	76.00%	89.50%
Woodstock	\$361.92	122.65%	\$633.36	104.59%	\$10,044.42	89.03%	\$162,788.76	47.82%	91.02%
Oshawa	\$219.48	74.38%	\$513.48	84.79%	\$11,770.02	104.33%	\$362,548.44	106.50%	92.50%
Guelph	\$318.36	107.89%	\$521.52	86.12%	\$11,067.78	98.10%	\$272,059.44	79.92%	93.01%
Veridian	\$282.72	95.81%	\$569.88	94.11%	\$10,687.32	94.73%	\$298,353.48	87.65%	93.07%
Milton	\$310.08	105.08%	\$592.68	97.87%	\$8,303.64	73.60%	\$333,010.20	97.83%	93.60%
Cambridge North Dumf.	\$273.96	92.84%	\$441.12	72.84%	\$12,195.96	108.10%	\$348,099.72	102.26%	94.01%
Festival	\$334.80	113.46%	\$694.44	114.68%	\$9,452.10	83.78%	\$246,349.92	72.37%	96.07%
Oakville	\$294.48	99.79%	\$724.80	119.69%	\$12,286.50	108.90%	\$262,744.92	77.19%	101.39%
Horizon	\$309.72	104.96%	\$587.52	97.02%	\$9,621.42	85.28%	\$432,013.20	126.91%	103.54%
London Hydro	\$287.64	97.48%	\$570.24	94.17%	\$8,306.22	73.62%	\$516,621.00	151.77%	104.26%
Kitchener-Wilmot	\$278.28	94.30%	\$596.04	98.43%	\$14,769.48	130.91%	\$333,957.24	98.10%	105.44%
EnWin	\$320.40	108.58%	\$691.44	114.18%	\$15,070.26	133.58%	\$353,362.68	103.81%	115.04%
Hydro Ottawa	\$301.20	102.07%	\$621.12	102.57%	\$12,128.52	107.50%	\$509,337.84	149.63%	115.44%
Bluewater Power	\$342.72	116.14%	\$693.72	114.56%	\$12,280.92	108.85%	\$472,671.72	138.85%	119.60%
Enersource	\$254.52	86.25%	\$750.96	124.01%	\$13,334.10	118.19%	\$512,472.24	150.55%	119.75%
Waterloo North	\$351.36	119.07%	\$696.36	114.99%	\$14,875.74	131.85%	\$464,129.64	136.35%	125.57%
Toronto Hydro	\$368.11	124.75%	\$835.13	137.91%	\$17,464.55	154.80%	\$613,803.96	180.31%	149.44%
AVERAGE	\$295.09		\$605.57		\$11,281.95		\$340,408.26		100.00%