

**Ontario Energy Board**

**Commission de l'énergie de l'Ontario**



**Conservation and Demand Management  
Report – 2012 Results  
EB-2010-0215**

**Date: December 5, 2013**

## **1. BACKGROUND**

### **1.1 - Green Energy and Green Economy Act, 2009**

On September 9, 2009, certain sections of the *Green Energy and Green Economy Act, 2009* (the “Green Energy Act”) were proclaimed. The *Green Energy Act* amended section 27.2 of the *Ontario Energy Board Act, 1998* (the “Act”) and stated that a directive may require the Board to specify, as a condition of licence, conservation and demand management targets (“CDM Targets”) for electricity distributors.

### **1.2 - CDM Directive**

The Minister of Energy and Infrastructure issued a directive, dated March 31, 2010, to the Board under sections 27.1 and 27.2 of the Act (the “Directive”).

The Directive required the Board to take steps to establish electricity CDM Targets to be met by certain licensed electricity local distribution companies (“LDCs” or “distributors”).

The Directive also required the Board to add a condition to the licence of each distributor that distributors must achieve reductions in electricity consumption (6,000 GWh) and in peak provincial electricity demand (1,330 MW) by the amounts that the Board specified in each distributor’s licence. The reductions are to be achieved through the delivery of CDM Programs over a four-year period beginning January 1, 2011 and ending December 31, 2014.

Further, the Directive required the Board to issue a code that set out the obligations and requirements with which licensed distributors must comply in relation to the CDM Targets.

Finally, the Directive requires the Board to publish annually verified results for each distributor and consolidated results for all distribution CDM programs. In December 2012, the Board issued the Conservation and Demand Management Report – 2011 Results. This report summarizes LDC CDM results for 2012.

### **1.3 - CDM Code and Annual Reports**

On September 30, 2010 the Board issued its CDM Code (EB-2010-0215). The CDM Code sets out the conditions and rules that licensed distributors are required to follow in achieving their CDM Targets.

Section 2.2 of the CDM Code sets out the requirements distributors must follow when reporting on annual CDM results. Each LDC must file its annual CDM report with the Board by September 30<sup>th</sup> of each year, starting with the 2011 reports which were filed in 2012.

## **2. 2012 CDM ANNUAL REPORTS**

The Board has received all expected CDM Annual Reports from distributors. For greater consistency, reports were filed on the basis of a template prepared for the 2011 reporting year by the distributors through a Reporting and Evaluation Working Group consisting of representatives from selected distributors and staff from the Ontario Power Authority (“OPA”). Only very minor revisions were made to the template for the 2012 reporting year. The Board appreciates the continuing efforts of the Reporting and Evaluation Working Group.

Board staff conducted a review of all the 2012 CDM Annual Reports to ensure completeness and compliance with the CDM Code, as well as to consider the comments and results reported by distributors.

### **2.1 - 2012 CDM Results**

The 2012 CDM results as reported by distributors are summarized and included in Appendix A of this report. The results were achieved through the use of the province-wide CDM programs made available by the OPA. No Board-Approved programs were in the market in 2012.

The tables that follow include the consolidated 2012 net energy (kWh) and peak demand (kW) savings results.<sup>1</sup> The Board’s 2011 CDM Summary Report and all individual reports describing distributors’ CDM activity in 2011 and 2012 can be found in the Industry section of the Board’s website at [www.ontarioenergyboard.ca/OEB/Industry](http://www.ontarioenergyboard.ca/OEB/Industry).

#### **2.1.1 - OPA-Contracted Province-Wide CDM Programs**

On December 21, 2012, the Minister of Energy issued a directive to the OPA to extend funding for the Province-Wide CDM programs until December 31, 2015. The Ministerial

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<sup>1</sup> *Net energy (kWh) and/or peak demand (kW) savings* – is the total change in energy consumption (kWh) and/or peak demand (kW) that is attributable to an energy efficiency program that does not include external factors such as free riders, spillover effect, free drivers, energy efficiency standards, etc.

Directive did not amend the timelines for distributors to achieve their energy (kWh) or peak demand (kW) savings targets.

In reporting their 2012 CDM results to the Board, distributors were directed to rely on the OPA's 2012 final evaluation results for all province-wide CDM programs as prepared by the OPA. The OPA's evaluations have resulted in final net energy (kWh) consumption and peak demand (kW) savings for the 2012 program year, which the distributors have included in the 2012 annual reports.

The consolidated results for the 2012 OPA-Contracted Province-Wide CDM Programs are discussed below.<sup>2</sup>

### Savings

Savings totals for both energy (kWh) and peak demand (kW) have been reported as both 2012-only savings and as cumulative<sup>3</sup> energy (kWh) savings for the 2011-2014 term.

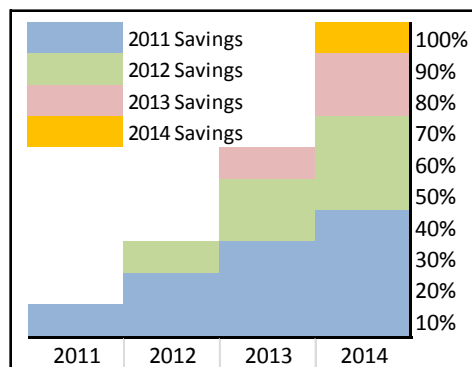
To achieve the energy consumption CDM Target of 6,000 GWh, distributors will rely on the energy savings that are realized in 2011 to remain in place in 2012, 2013, and 2014. Similarly, they will rely on the energy savings realized in 2012 to remain in place in 2013 and 2014. The total savings achieved each year accumulates over the 4-year period and contribute to achieving the overall target.

As an example, if a distributor achieved 10% of its energy (kWh) consumption target in 2011, that 10% becomes 20% in 2012, 30% in 2013 and 40% in 2014. The chart below shows how the impact of the savings realized in 2011 accumulate year over year.

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<sup>2</sup> The consolidated results discussed are based on the verified results reported by the OPA for 2012. The results reported to the Board by the distributors, as required by the CDM Code, are contained in Appendix A. The Board notes that there may be minor differences between the aggregate of results reported by the distributors and the verified results of the OPA. In most cases this is due to the rounding of numbers. In some instances, minor differences in total program savings results reported by the OPA and LDCs may appear due to a few distributors having relied on the OPA's draft 2012 results as opposed to the final 2012 results. CDM targets can only be met through verified results, and for OPA-Contracted Province-Wide CDM Programs these are the results from the OPA's evaluations as reported by the OPA. Inclusion of a distributor's reported results in Appendix A that differ from the results of the OPA does not constitute the Board's acceptance that these results are final for 2012.

<sup>3</sup> Cumulative energy net savings (kWh) are the sum of the savings in each year including the energy savings from one year that will continue to be in place over the course of the 2011-2014 CDM term.



To achieve 100% of the energy (kWh) target, a distributor would need to achieve an additional 10% of new savings each year in this example.

The peak demand (kW) savings are not cumulative. To achieve the peak demand (kW) CDM Target of 1,330 MW, persisting peak demand (kW) savings must remain in place at the end of 2014.

Within the OPA's 2012 Final Results reports, distributors were provided with two peak demand (kW) savings scenarios.

Scenario 1 assumes that the peak demand (kW) savings achieved in 2012 are only present in 2012 and do not persist into the future. Scenario 2 assumes that the peak demand (kW) savings achieved in 2012 persist and will continue to be in place at the end of the 2014. The results summarized in this report are the Scenario 1 results, with peak demand (kW) savings shown only in 2012 with no assumptions made about persistence.

### Adjustments to 2011 Final Results

As part of the OPA's 2012 evaluation, it undertook a review of the 2011 results to ensure that all savings were accounted for, adjusting for any omissions and/or errors identified after the release of the OPA's 2011 Final Results Report.<sup>4</sup> This process was developed by the LDC Reporting Working Group and is one that will take place each year until the end of the 2011-2014 reporting period. The results for 2012 that are summarized below include the activity adjustments, as reported by distributors, that the OPA has made to the 2011 results.

<sup>4</sup> Minor differences may appear between the 2011 adjustments reported by distributors and those calculated by the OPA. 2011 savings reported by some distributors in their 2012 CDM Annual Reports may contain minor updates to 2011 savings that were originally reported in their 2011 CDM Annual Reports. These adjustments are referred to as "reporting adjustments" by the OPA and were not included as a separate entry in distributors' 2012 CDM Annual Reports. Generally, the 2011 reporting adjustments, as calculated by the OPA, account for any differences between what the distributors have reported and what the OPA is expected to report. As noted above, CDM targets can only be met through verified results, and for OPA-Contracted Province-Wide CDM Programs these are the results from the OPA's evaluations as reported by the OPA. Inclusion of a distributor's reported results throughout this report that differ from the results of the OPA does not constitute the Board's acceptance that these results are final for 2012.

Charts showing the cumulative progress of each distributor against their energy CDM Targets can be found in Appendix B.

### Annual Savings - 2012

#### *2012 Net Peak Demand Savings (kW)*

Consumer Program	72,171
Business Program	98,217
Industrial Program	75,144
Home Assistance Program	565
Pre-2011 Program Completed in 2011	3,360
Other	2,304
Adjustments to 2011 Results	1,325
<b>2012 Total Incremental Net Peak Demand Savings (kW)</b>	<b>253,086</b>

The majority of distributors reported having achieved close to 20% of their net peak demand (kW) target from their 2012 results. However, it is important to note that the net peak demand (kW) savings are not assumed to persist from one year to the next.

Distributors generally advised the Board that meeting their peak demand (kW) target is not likely and that a shortfall is expected. Distributors noted that they will continue to work actively on participant engagement to achieve the most peak demand (kW) savings possible.

#### *2012 Net Energy Savings (kWh)*

Consumer Program	75,752,501
Business Program	381,406,324
Industrial Program	9,161,805
Home Assistance Program	5,421,296
Pre-2011 Program Completed in 2011	12,543,453
Other	1,188,362
Adjustments to 2011 Results	18,272,980
<b>2012 Total Incremental Net Energy Savings (kWh)</b>	<b>503,746,721</b>

In 2012 distributors collectively achieved approximately 8% of the energy savings (kWh) target. Overall, the results are slightly below the 10% incremental annual savings needed each year to achieve the energy savings (kWh) target. As noted above, with the energy (kWh) savings target being cumulative, the savings achieved in one year

persist for a number of following years. In the case of the 2012 energy (kWh) savings results, achieving 8% of the 2011-2014 target results in approximately 24% of the total energy (kWh) savings target being achieved from 2012 savings (i.e. 8% multiplied by three years – 2012, 2013, and 2014).

### 2011-2014 - Cumulative Savings

#### 2011-2014 Cumulative Net Energy Savings (kWh)

Consumer Program	760,068,720
Business Program	1,900,849,188
Industrial Program	142,444,055
Home Assistance Program	27,958,069
Pre-2011 Program Completed in 2011	999,114,485
Other	3,565,086
Adjustments to 2011 Results	72,254,152
<b>2011-2014 Total Cumulative Net Energy Savings (kWh)</b>	<b>3,906,253,755</b>

The cumulative 2011-2014 net energy (kWh) savings results are those energy savings that will continue to be in place and realize energy (kWh) savings over the course of the 2011-2014 term. Overall, this cumulative result represents approximately 65% of the overall net energy (kWh) target of 6,000 GWh.

Several distributors have surpassed their total net energy (kWh) savings target in 2012, including Chapeau Public Utilities Corporation (110%), Festival Hydro Inc. (108%), Guelph Hydro Electric Systems Inc. (107%), Rideau St. Lawrence Distribution (103%) and Cambridge North Dumfries Hydro Inc. (103%). Woodstock Hydro Services Inc. (152%) continued to surpass its net energy (kWh) savings target. Other distributors who have seen material increases in their cumulative net energy (kWh) savings from 2011 to 2012 include Wasaga Distribution Inc., ENWIN Utilities Ltd., E.L.K. Energy Inc., Westario Power Inc., Erie Thames Powerlines Corp., Brant County Power Inc., Lakeland Power Distribution Ltd., and Entegrus Powerlines Inc..

A comparison of how the energy (kWh) savings results for 2011-only and 2012-only versus the cumulative 2011-2014 savings contribute towards the four-year overall targets for energy (kWh) consumption (6,000 GWh) can be found in Appendix C.

## 2.2.2 - Board-Approved CDM Programs

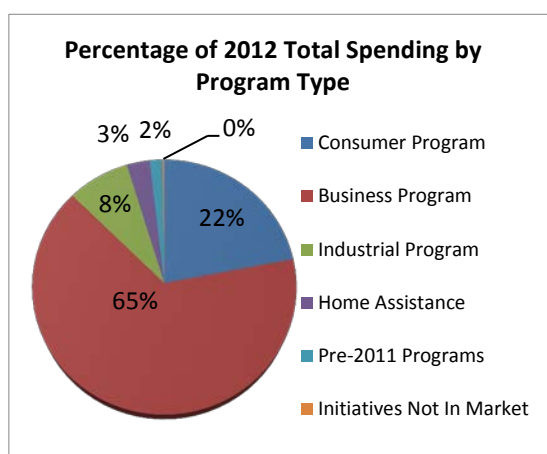
In 2012, there were no Board-Approved CDM Programs in market and the Board did not receive any new applications for Board-Approved CDM Programs. However, the Board received and approved an application from PowerStream Inc. for a Board-Approved CDM Program in 2013. The details and results of this program will be highlighted in the Board's 2013 CDM Summary Report.

In the Board's updated version of the CDM Guidelines issued on April 26, 2012, it indicated that Time-of-Use ("TOU") Rates would be considered a Board-Approved CDM Program for the purpose of the CDM Targets. The OPA is currently in the process of developing the evaluation criteria to be used to quantify the savings associated with TOU implementation across the province. All distributors will be credited with a portion of the provincial results when they are available.

## 2.3 - 2012 CDM Spending

### Spending

Overall in 2012, distributors reported spending a total of \$136,211,152 on CDM programs across Ontario. The amounts summarized below are the spending amounts reported by distributors and may include some spending conducted centrally by the OPA.<sup>5</sup> A comparison of spending in 2011 and 2012 can be found at Appendix C.



Consumer Program	\$29,917,641
Business Program	\$89,125,236
Industrial Program	\$10,726,749
Home Assistance Program	\$3,934,183
Pre-2011 Programs	\$2,241,248
Initiatives Not In Market	\$266,095
<b>2012 Total LDC Spending</b>	<b>\$136,211,152</b>

<sup>5</sup> Centrally funded programs are those where the OPA works directly with either retailers such as appliance exchange or retirement, contractors such as HVAC incentives, and/or aggregators such as in the Demand Response 3 program.



### **3. GENERAL COMMENTS**

Below are some general comments distributors shared in the 2012 CDM Annual Reports. Distributors noted that the 2012 program year advanced a lot of the learning that took place in 2011 and led to an overall higher level of program implementation and delivery. Distributors noted that there have been some improvements made to overcome some operational and structural issues that have previously limited program effectiveness across all market sectors. However, there still remain some shortcomings to the design and delivery of some initiatives that had negative impacts on some program results.

Further, collaboration between LDCs and the OPA has contributed to some improvements to existing initiatives. While there has been some development of new initiatives and improvements to the change management process, distributors noted that more needs to be done in both areas. Distributors noted that some initiatives are reaching the point of market saturation and that new initiatives need to be developed in order to take the place of the exiting initiatives.

Overall, distributors were generally optimistic regarding the possible achievement of the energy (kWh) savings target but stressed the need to continue aggressively pursuing all savings opportunities and to have the technologies and resources in place to enable their efforts. Distributors were cautious when discussing the possibility of achieving the peak demand (kW) target. The large majority of distributors do not expect to meet the peak demand (kW) savings target. Some distributors noted that the peak demand (kW) target will not be met unless the targets are extended, although generally, distributors did not suggest that the peak demand (kW) targets should be extended. Distributors also noted that the main issue with the peak demand (kW) targets could be that they were too high when they were initially set.

### **4. PROGRAM-SPECIFIC COMMENTS<sup>6</sup>**

This section summarizes the program-specific comments provided by individual distributors in their 2012 CDM Annual Reports. As noted in the Board's 2011 Summary Report, the Board encouraged the OPA to review the comments from the distributors about specific programs to determine if there are any new matters to discuss with the industry as part of the OPA's ongoing process for continuous improvement. The Board

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<sup>6</sup> Full OPA-Contracted Province-Wide CDM Program descriptions can be found at [www.saveonenergy.ca](http://www.saveonenergy.ca)

continues to support this position and the current development of new and collaborative programs and initiatives.

#### Consumer Program: Residential Customers

Distributors noted that some programs have reached market saturation, such as the appliance retirement program. Distributors noted that there is a need for refreshed and revamped offerings of traditional programs in order to obtain new incremental savings in the future. Distributors also noted that savings in 2012 compared to previous years did not materialize as anticipated for other programs, such as the appliance exchange program, partly due to the initiative's reliance on retailers for various program functions. It was also found that the HVAC Incentives initiative was not as effective as expected; perhaps due to the central management, tracking and reporting by the OPA, as well as it being a contractor driven initiative. Distributors noted that they did not have the ability to actively manage the effectiveness of the initiative which made it difficult to adapt as the program developed since they did not know the results of the program until it was too late. Some distributors also felt that other initiatives, such as the Peaksaver PLUS program, were late to the market and did not allow for distributors to realize the full potential of the program in 2012, however, it was noted that the potential for savings from this program remains promising.

#### Business Program: Commercial and Institutional Customers

Distributors noted that throughout 2011 and 2012 the Commercial and Institutional Working Group has strived to enhance the business programs and address program and system deficiencies. However, distributors noted that this process has been time consuming and has resulted in limited growth and less than anticipated improved measurement and verification results. Distributors also noted that LDC program management has been hampered by varying rule interpretation, limited marketing ability, a somewhat inflexible online system of checks and balances and changes in OPA support personnel. Distributors noted that a lot of effort in marketing and engaging customers has taken place in 2012, with varied results. Some areas of the province are working through mature markets that have been saturated with CDM programs for over five years. Distributors discussed the need for the development of new initiatives to realize new incremental savings going forward. One program that received positive feedback was the energy audit program which has shown good opportunities for savings.

### Industrial Program: Large Use Customers

Distributors noted that many issues raised in the first year of the program remain unresolved, including customer non-acceptance of the legal agreements. Onerous and long term commitments for reporting and project performance has made program uptake challenging. Further, distributors noted that unfortunately the industrial program has not seen the same expedited change management process that has benefited the commercial and institutional program. For some LDCs, there are a limited number of customers who can take advantage of the industrial portfolio of programs. For others, although a major portion of both peak demand (kW) and overall energy consumption (kWh) comes from these customers, decreases in load may limit the possibilities for further advancements. Distributors noted that work to streamline requirements for industrial projects is underway with customer flexibility in place for interested participants to apply under the Electricity Retrofit Incentive initiative for specific projects. Energy Managers have been one area of positive development. Resource training has been done by both distributors and the OPA to address skill gaps.

### Home Assistance Program: Low-Income Consumers

Distributors noted that program eligibility and application complexity make this a difficult program to both market and deliver. Distributors experienced some challenges reaching income eligible customers for a variety of reasons; including the lack of self-identification, privacy regulations which restrict referrals and information sharing, and energy conservation being a lower priority for front line case workers and social services agencies. Distributors are working with the OPA to resolve some of these challenges in order to reach as many customers and realize the opportunities in the social housing and low-income sector. Distributors anticipate increased participation in 2013.

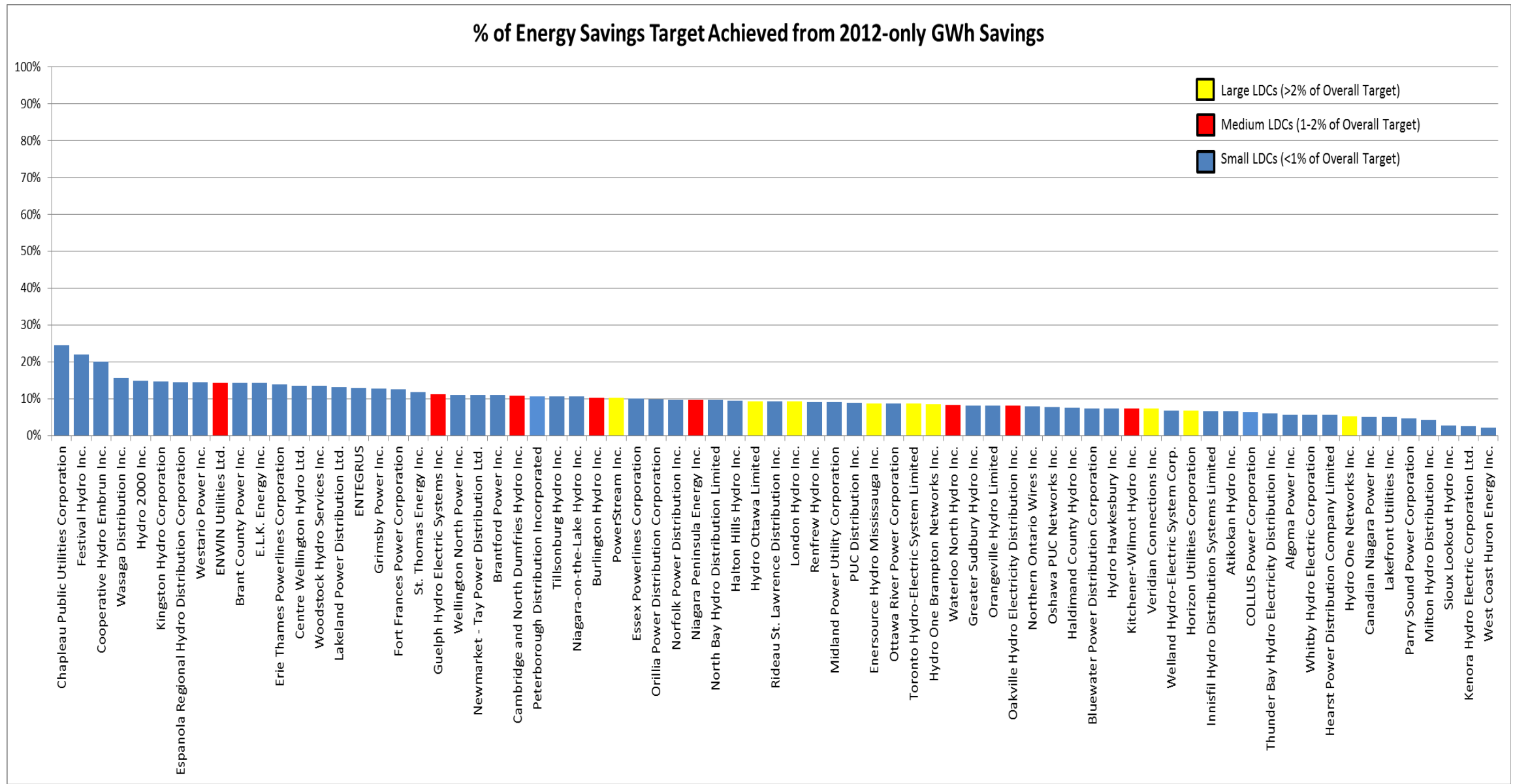
## **Appendix A**

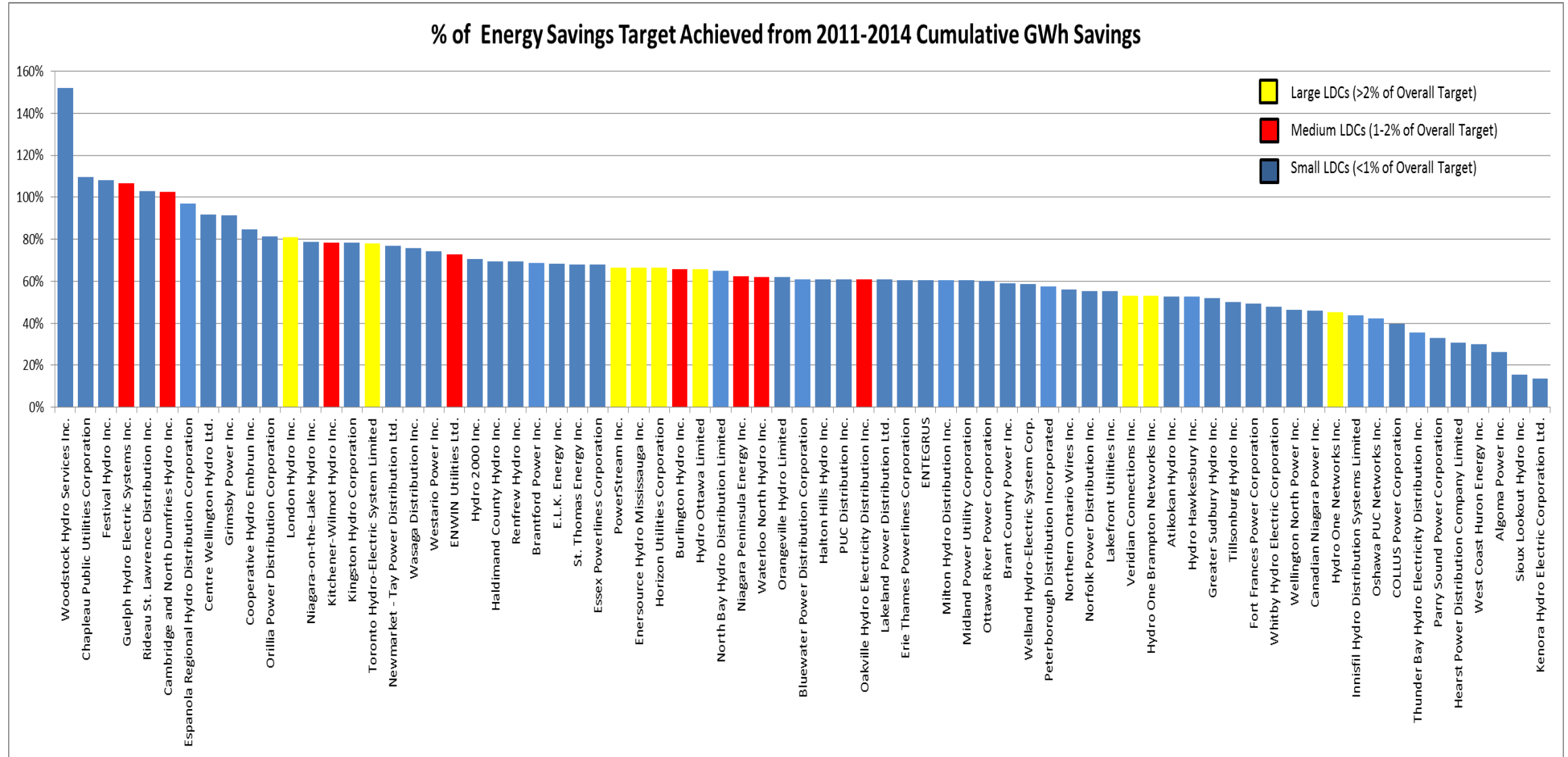
### **2012 CDM Summary Report: 2012 Distributor Reported Results**

LDC Name	GWh Target	2012 Specific		2011-2014 Cumulative		MW Target	2012 Specific	
		2012 GWh Savings	% of Target from 2012 GWh Savings	Cumulative GWh 2011-2014 Savings	% of Target from 2011-2014 GWh Savings		2012 MW Savings	% of Target from 2012 MW Savings
Algoma Power Inc.	7.37	0.42	6%	1.94	26%	1.28	0.08	6%
Atikokan Hydro Inc.	1.16	0.08	7%	0.61	53%	0.2	0.01	7%
Attawapiskat Power Corporation	0.29		0%		0%	0.07		0%
Bluewater Power Distribution Corporation	53.73	3.99	7%	32.80	61%	10.65	2.80	26%
Brant County Power Inc.	9.85	1.41	14%	5.81	59%	3.3	0.38	12%
Brantford Power Inc.	48.92	5.36	11%	33.64	69%	11.38	1.21	11%
Burlington Hydro Inc.	82.37	8.41	10%	54.12	66%	21.95	4.74	22%
COLLUS Power Corporation	14.97	0.96	6%	5.95	40%	3.14	0.28	9%
Cambridge and North Dumfries Hydro Inc.	73.66	7.91	11%	75.64	103%	17.68	2.53	14%
Canadian Niagara Power Inc.	25.08	1.27	5%	11.57	46%	6.4	0.51	8%
Centre Wellington Hydro Ltd.	7.81	1.06	14%	7.16	92%	1.64	0.28	17%
Chapleau Public Utilities Corporation	1.21	0.30	25%	1.33	110%	0.17	0.07	39%
Cooperative Hydro Embrun Inc.	1.12	0.22	20%	0.95	85%	0.34	0.05	16%
E.L.K. Energy Inc.	8.25	1.18	14%	5.62	68%	2.69	0.23	9%
Enersource Hydro Mississauga Inc.	417.22	36.52	9%	277.35	66%	92.98	15.17	16%
ENTEGRUS	46.53	6.04	13%	28.14	60%	12.12	1.33	11%
ENWIN Utilities Ltd.	117.89	16.94	14%	85.82	73%	26.81	4.04	15%
Erie Thames Powerlines Corporation	22.97	3.18	14%	13.93	61%	5.22	0.59	11%
Espanola Regional Hydro Distribution Corporation	2.76	0.40	15%	2.67	97%	0.52	0.11	22%
Essex Powerlines Corporation	21.54	2.18	10%	14.63	68%	7.19	2.44	34%
Festival Hydro Inc.	29.25	6.43	22%	31.62	108%	6.23	1.47	24%
Fort Albany Power Corporation	0.24		0%		0%	0.05		0%
Fort Frances Power Corporation	3.64	0.46	13%	1.80	49%	0.61	0.12	19%
Greater Sudbury Hydro Inc.	43.71	3.57	8%	22.79	52%	8.22	0.86	10%
Grimsby Power Inc.	7.76	0.99	13%	7.11	92%	2.06	0.61	29%
Guelph Hydro Electric Systems Inc.	79.53	8.95	11%	84.95	107%	16.71	5.07	30%
Haldimand County Hydro Inc.	13.3	1.01	8%	9.22	69%	2.85	0.37	13%
Halton Hills Hydro Inc.	22.48	2.11	9%	13.70	61%	6.15	0.92	15%
Hearst Power Distribution Company Limited	3.91	0.22	6%	1.21	31%	0.68	0.05	8%
Horizon Utilities Corporation	281.42	18.92	7%	186.71	66%	60.36	13.61	23%
Hydro 2000 Inc.	1.04	0.16	15%	0.73	70%	0.19	0.04	22%
Hydro Hawkesbury Inc.	9.28	0.69	7%	4.88	53%	1.82	0.15	8%
Hydro One Brampton Networks Inc.	189.54	16.07	8%	100.84	53%	45.61	6.48	14%
Hydro One Networks Inc.	1130.21	59.96	5%	513.80	45%	213.66	42.48	20%
Hydro Ottawa Limited	374.73	35.09	9%	245.97	66%	85.26	16.55	19%
Innisfil Hydro Distribution Systems Limited	9.2	0.61	7%	4.04	44%	2.5	0.12	5%
Kashechewan Power Corporation	0.33		0%		0%	0.07		0%
Kenora Hydro Electric Corporation Ltd.	5.22	0.13	3%	0.71	14%	0.86	0.04	4%
Kingston Hydro Corporation	37.16	5.42	15%	29.18	79%	6.63	5.44	82%
Kitchener-Wilmot Hydro Inc.	90.29	6.61	7%	70.95	79%	21.56	3.42	16%
Lakefront Utilities Inc.	13.59	0.67	5%	7.50	55%	2.77	0.24	9%
Lakeland Power Distribution Ltd.	10.18	1.34	13%	6.19	61%	2.32	0.31	13%
London Hydro Inc.	156.64	14.40	9%	126.76	81%	41.44	4.73	11%
Midland Power Utility Corporation	10.82	0.97	9%	6.53	60%	2.39	0.73	30%
Milton Hydro Distribution Inc.	33.5	1.40	4%	20.23	60%	8.05	0.59	7%
Newmarket - Tay Power Distribution Ltd.	33.05	3.64	11%	25.39	77%	8.76	0.89	10%
Niagara Peninsula Energy Inc.	58.04	5.62	10%	36.11	62%	15.49	1.49	10%
Niagara-on-the-Lake Hydro Inc.	8.27	0.88	11%	6.51	79%	2.42	0.19	8%
Norfolk Power Distribution Inc.	15.68	1.52	10%	8.68	55%	4.25	0.66	15%
North Bay Hydro Distribution Limited	26.1	2.52	10%	16.96	65%	5.05	1.00	20%
Northern Ontario Wires Inc.	5.88	0.47	8%	3.30	56%	1.06	0.12	11%
Oakville Hydro Electricity Distribution Inc.	74.06	5.98	8%	45.08	61%	20.7	1.81	9%
Orangeville Hydro Limited	11.82	0.96	8%	7.32	62%	2.78	1.34	48%
Orillia Power Distribution Corporation	15.05	1.47	10%	12.22	81%	3.07	0.66	21%
Oshawa PUC Networks Inc.	52.24	4.00	8%	22.16	42%	12.52	1.50	12%
Ottawa River Power Corporation	8.97	0.78	9%	5.41	60%	1.61	0.20	13%
PUC Distribution Inc.	30.83	2.72	9%	18.77	61%	5.58	0.75	14%
Parry Sound Power Corporation	4.16	0.19	5%	1.37	33%	0.74	0.05	6%
Peterborough Distribution Incorporated	38.45	4.12	11%	22.15	58%	8.72	1.01	12%
PowerStream Inc.	407.34	41.56	10%	271.47	67%	95.57	17.13	18%
Renfrew Hydro Inc.	4.86	0.44	9%	3.37	69%	1.05	0.14	13%
Rideau St. Lawrence Distribution Inc.	5.1	0.48	9%	5.25	103%	1.22	0.18	15%
Sioux Lookout Hydro Inc.	3.32	0.09	3%	0.51	15%	0.51	0.02	4%
St. Thomas Energy Inc.	14.92	1.76	12%	10.17	68%	3.94	0.42	11%
Thunder Bay Hydro Electricity Distribution Inc.	47.38	2.83	6%	16.94	36%	8.48	2.30	27%
Tillsonburg Hydro Inc.	10.25	1.09	11%	5.13	50%	2.29	1.98	86%
Toronto Hydro-Electric System Limited	1303.99	112.20	9%	1,019.23	78%	286.27	61.09	21%
Veridian Connections Inc.	115.74	8.46	7%	61.67	53%	29.05	4.47	15%
Wasaga Distribution Inc.	4.01	0.63	16%	3.04	76%	1.34	0.19	14%
Waterloo North Hydro Inc.	66.49	5.47	8%	41.32	62%	15.79	2.54	16%
Welland Hydro-Electric System Corp.	20.6	1.41	7%	12.09	59%	5.56	6.05	109%
Wellington North Power Inc.	4.52	0.50	11%	2.09	46%	0.93	0.14	15%
West Coast Huron Energy Inc.	8.28	0.18	2%	2.49	30%	0.88	0.07	8%
Westario Power Inc.	20.95	3.04	15%	15.54	74%	4.24	0.70	16%
Whitby Hydro Electric Corporation	39.07	2.20	6%	18.65	48%	10.9	1.48	14%
Woodstock Hydro Services Inc.	18.88	2.53	13%	28.72	152%	4.49	1.32	29%
<b>TOTAL</b>	<b>6,000</b>	<b>503.75</b>	<b>8%</b>	<b>3,906.25</b>	<b>65%</b>	<b>1,330</b>	<b>253.09</b>	<b>19%</b>

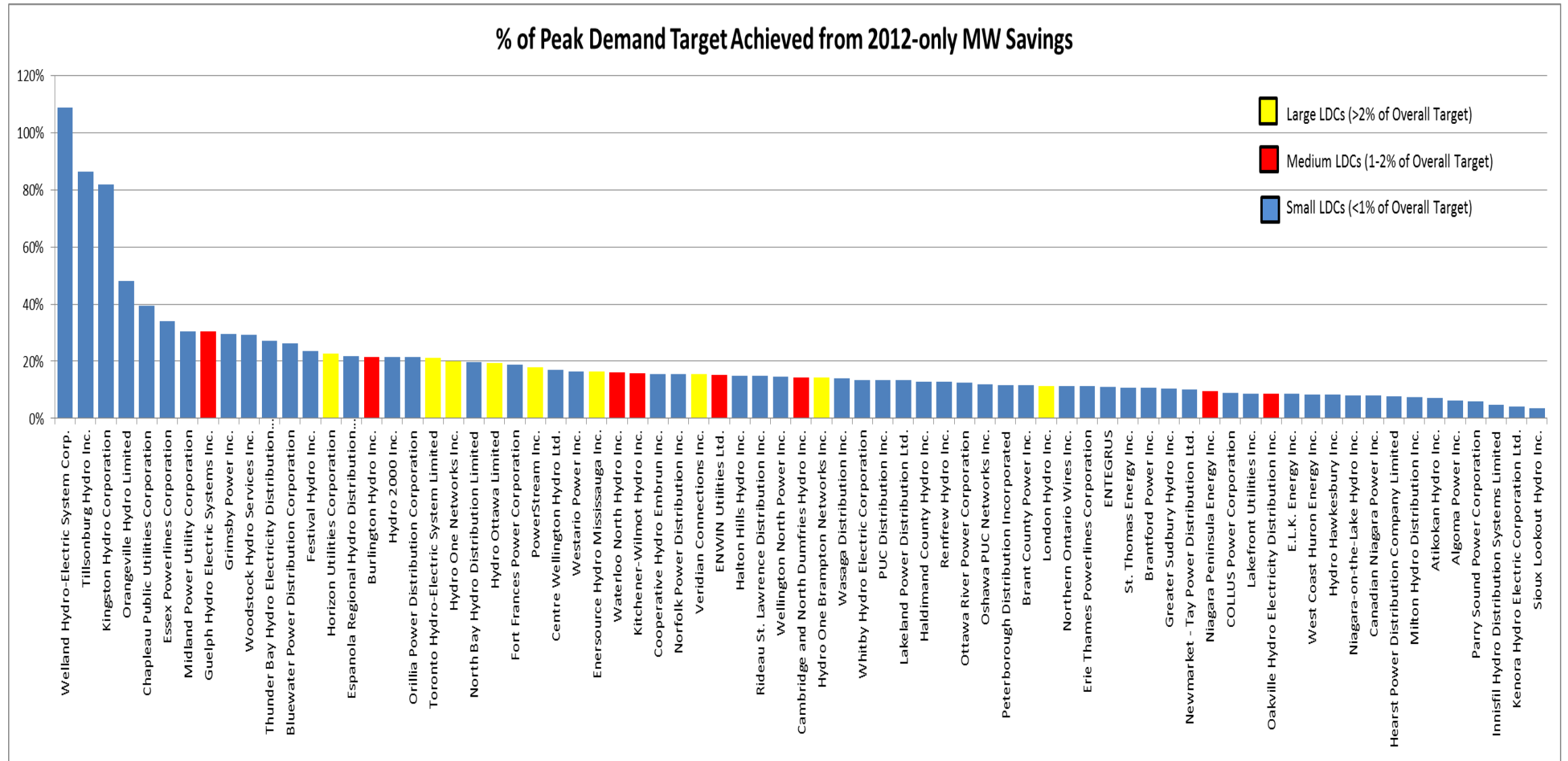
**Appendix B**

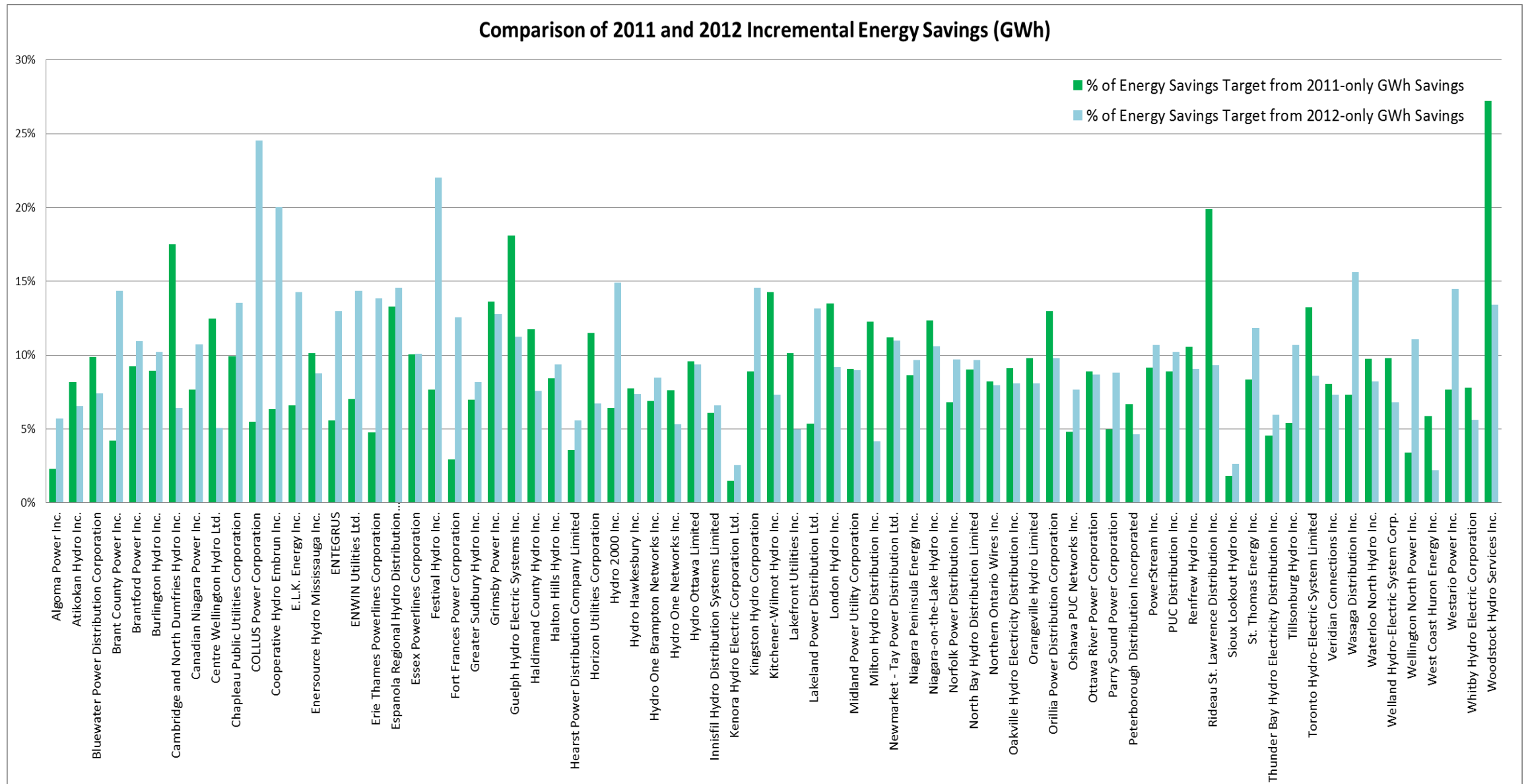
**2012 CDM Summary Report:  
Distributor Progress Charts**











## **Appendix C**

### **2012 CDM Summary Report: OPA-Contracted Province-Wide CDM Program Comparison Charts –**

**Annual Comparison of Net Energy Savings by Program Type,  
2011 and 2012 Cumulative Net Energy Savings Contributions Towards Target, and  
2011 and 2012 Total LDC Reported Program Spending Results**

