



## **Westario Power Inc.**

24 East Ridge Road  
R.R. #2  
Walkerton, ON  
N0G 2V0  
Tel: (519) 507-6937  
Fax: (519) 507-6887

June 13, 2011

Kirsten Walli  
Board Secretary  
Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, Suite 2700  
Toronto, Ontario  
M4P 1E4

**RE: Board File No.: EB-2010-0215**  
**Conservation and Demand Management Code for Electricity Distributors**  
**Amended C&DM Strategy**

Dear Ms. Walli,

Westario Power Inc. ("WPI"), submitted a Conservation and Demand Management (CDM) Strategy on November 1, 2010, in accordance with the CDM Code. In a letter dated November 29, 2010, the Board directed WPI to provide estimated, prospective budgets for planned OPA-Contracted Province Wide CDM Programs and Board-Approved CDM Programs. In order to have all information contained in one document, we are submitting an amended CDM Strategy for Board consideration.

The budget information is WPI's best estimate and includes proposed administration costs; participant based funding and customer incentives. Westario Power proportioned the proposed OPA funding formula based on its annual targets. We have also updated the targets, which were finalized by the Board after we had submitted our Strategy.

WPI collaborated with 13 other electricity distributors, known as the "Niagara Erie Power Alliance (NEPA) GEA Group", on the development of its Conservation and Demand Management Strategy. The following table lists the NEPA participating distributors and their respective customer counts and revised CDM targets issued by the Ontario Energy Board on November 12, 2010.

Local Distribution Company	Customer Count 2009 OEB Yearbook	2011-2014 Energy Savings Target (GWh)	2014 Summer Peak Demand Savings Target (MW)
Algoma Power Inc.	11,688	7.370	1.280
Brant County Power Inc.	9,614	9.850	3.300
Brantford Power Inc.	37,668	48.920	11.380
Canadian Niagara Power Inc.	28,291	15.810	4.070
Espanola Regional Hydro Distribution Corp.	3,383	2.760	0.520
Greater Sudbury Hydro Inc.	46,539	43.710	8.220
Grimsby Power Inc.	10,073	7.760	2.060
Haldimand County Hydro Inc.	20,911	13.300	2.850
Niagara Peninsula Energy Inc.	50,823	58.040	15.490
Niagara-on-the-Lake Hydro Inc.	7,880	8.270	2.420
Norfolk Power Distribution Inc.	18,895	15.680	4.250
PUC Distribution Inc.	32,825	30.830	5.580
Welland Hydro-Electric System Corp.	21,916	20.600	5.560
Westario Power Inc.	21,805	20.950	4.240
<b>Total</b>	<b>322,311</b>	<b>303.85</b>	<b>71.22</b>

Two hard copies of the submission are enclosed. An electronic copy of this submission in PDF format will be submitted through the Board's Regulatory Electronic Submission System ("RESS"). If you have any questions, or if you require additional information, please contact the undersigned.

Respectfully submitted,



Alvin Allim, H.B. Comm, CGA  
Chief Financial Officer



## **Westario Power Inc.**

CDM/GEA 2011-2014 Strategy Filing

**EB-2010-0215**

Original submission date: November 1, 2010

Amended date: June 13, 2011

# Westario Power Inc.

## CDM Strategy - Amended

Original submission date: November 1, 2010

Amended date: June 13, 2011

- 1. Distributor's Name:** Westario Power Inc. is filing its amended CDM Strategy with the Ontario Energy Board (OEB) in accordance with the OEB's letter dated November 29, 2010, and in accordance to the issuance of the Conservation and Demand Management Code for Electricity Distributors (EB-2010-0215) issued on September 16, 2010.
- 2. Total Reduction in Peak Provincial Electricity Demand (MW) Target:** 4.24MW per the revised CDM Targets for Electricity Distributors issued by the OEB on November 12, 2010, as part of our amended Distribution License.
- 3. Total Reduction in Electricity Consumption (kWh) Target:** 20,950,000 kWh per the revised CDM Targets for Electricity Distributors issued by the OEB on November 12, 2010, as part of our amended Distribution License.

#### **4. CDM Strategy**

Westario Power utilized the Ontario Power Authority's (OPA) Resource Planning Tool, taking into consideration WPI's service territory's residential profile and past CDM program results, to forecast it's reductions in peak demand and energy consumption.

This strategy does not take into consideration the significant portion of the target that the OPA expects to result from smart meter and time-of-use rate implementation. OPA has advised that the CDM targets assigned to all electricity distributors should include approximately 308 MW of savings related to smart meters and time-of-use rates. This advice was based on a study commissioned by the OPA and filed with the OEB as part of the Integrated Power Supply Plan proceeding.

The following tables summarize both annual and cumulative savings by year which, at this time, represents a preliminary summary of the expected annual milestones of both peak demand and energy consumption reductions through the delivery of the OPA-contracted Province-Wide programs. It should be noted, there are initiatives, or portions/processes of initiatives, in each program segment that are not ready for launch and/or delivery.

<b>OPA Provincial Programs</b>		<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total Projected Budget</b>
<b>Consumer</b>	kW	240	563	933	1,317	\$1,530,818
	MWh	737	2,296	4,724	8,039	
<b>Commercial</b>	kW	591	1,175	1,782	2,484	\$1,796,789
	MWh	1,388	4,330	8,369	13,570	
<b>Industrial</b>	kW	134	148	158	172	\$468,013
	MWh	87	259	477	781	
<b>Total Annual Peak Demand</b>	<b>kW</b>	965	1,886	2,873	3,973	
<b>Total Cumulative Energy</b>	<b>MWh</b>	2,212	6,885	13,570	22,390	
<b>Projected Budget</b>	<b>\$</b>	<b>\$788,152</b>	<b>\$1,276,226</b>	<b>\$1,171,744</b>	<b>\$559,499</b>	<b>\$3,795,620</b>

## 5. OPA Contracted Province-Wide CDM Programs

Westario Power will participate in all OPA-Contracted Province-Wide CDM Programs for the four year period starting January 1, 2011. These include the Consumer Program, Commercial and Institutional Program, Industrial Program and Low Income Program. Westario Power will deploy the programs in accordance with the program rules as designed by the OPA and LDCs.

Westario Power understands that the OPA is continuing further development work on the program budget. As a result, Westario Power will not submit program specific budget information at this time, and, as indicated above, the absence of the final budgetary values introduces a degree of uncertainty to the program participation estimates.

The savings estimates are the result of an assessment of the potential for each program in Westario Power's service territory and are based upon a series of assumptions and estimates.

## 5.1. Program Descriptions

### Consumer Programs

Name	Years	Description	Target Customers
Conservation Instant Coupon Booklet Initiative and Bi-Annual Retailer Event Initiative - Initiative Schedule B1	2011-14	In-store discounts on energy efficient products	Residential
Midstream Electronics Initiative - Initiative Schedule B1	2011-14*	Retail promotion of energy efficient televisions	Residential
Midstream Pool Equipment Initiative - Initiative Schedule B1	2011-14*	Retail promotion of "right sized" pool equipment	Residential
HVAC Incentives Initiative - Initiative Schedule B1	2011-14	On-line rebates on high efficiency replacement of heating/cooling systems	Residential
Appliance Retirement Initiative - Initiative Schedule B1	2011-14	Free pick-up/decommissioning of old, working inefficient appliances	Residential
Appliance Exchange Initiative - Initiative Schedule B1	2011-14	Room air conditioner and dehumidifier exchange events at retailers	Residential
Home Energy Assessment Tool Initiative - Initiative Schedule B1	2011-14*	On-line, home energy assessment and recommendations on how energy consumption can be reduced	Residential
Residential New Construction - Initiative Schedule B2	2011-14	Incentives for builders to construct efficient, smart, and integrated new homes or for the major renovations to older homes	Residential
Residential Demand ("DR") Response	2011-14*	Free, installed direct load control devices and in-home display systems/capability. Non-DR offers: subsidized in-home display systems/capabilities	Residential

TOTAL	2011-14	1,317kW	8,039MWh
-------	---------	---------	----------

\* At the time of this filing, the OPA had not made this initiative available to the LDC.

## Commercial & Institutional Programs

Name	Years	Description	Target Customers
Energy Audit - Initiative Schedule C1	2011-14	An incentive program designed to encourage commercial and institutional facilities to undertake assessments to identify reductions in electricity demand and consumption	Commercial Institutional
Efficiency: Equipment Replacement Incentive - Initiative Schedule C2	2011-14	An incentive program designed to encourage high-efficiency electricity retrofits to existing structures	Commercial Institutional
Direct Install Lighting and Water Heating - Initiative Schedule C3	2011-14	A retrofit incentive program for small business customers in the General Service < 50kW.	Commercial Institutional
Direct Service Space Cooling Refrigeration Initiative – Initiative Schedule C5	2011-14*	An initiative that provides incentive towards servicing of rooftop and ground-mounted air conditioners with a capacity of 25 tons or less.	Commercial Institutional
New Construction and Major Renovation - Initiative Schedule C4	2011-14	An initiative, which provides incentives for energy efficient new building design as well as installation of energy efficient measures.	Commercial Institutional
Existing Building Commissioning - Initiative Schedule C6	2011-14	Commissioning of chilled water plants for customers with a demand > 50 kW and facilities larger than 50,000 sq ft.	Commercial Institutional
Small Commercial Demand Response	2011-14*	Free, installed direct load control devices and in-home display systems/capability. Non-DR offers: subsidized in-home display systems/capabilities	Commercial Institutional
Demand Response 1 - Initiative Schedule D5	2011-14	An initiative where distribution-connected electricity customers voluntary provide DR capabilities to reduce peak demand and increase system reliability	Commercial Institutional
Demand Response 3 - Initiative Schedule D6	2011-14	An initiative where distribution-connected electricity customers provide firm, contract DR capability to reduce peak demand and increase system reliability	Commercial Institutional
TOTAL	2011-14	2,484kW	13,570MWh

\* At the time of this filing, the OPA had not made this initiative available to the LDC.



## Industrial Programs

Name	Years	Description	Target Customers
Efficiency: Equipment Replacement Incentive - Initiative Schedule C2	2011-14	An incentive program designed to encourage high-efficiency electricity retrofits to existing structures.	Industrial
Preliminary Engineering Study, Detailed Engineering Study, Project Incentive and Monitoring & Targeting – Initiative Schedules D1 & D2	2011-14	New component aimed at improving the energy efficiency of equipment and production processes by offering capital incentive and enabling initiatives.	Industrial
Energy Manager - Initiative Schedule D3	2011-14	Access funding for customer-employed energy manager(s) for eligible consumers. Access funding for LDC-employed roving energy manager(s).	Industrial
Key Account Manager – Initiative Schedule D4	2011-14	Join with other LDCs in close geographical proximity to apply for a shared Key Accounts Manager.	Industrial
Demand Response 1 - Initiative Schedule D5	2011-14	An initiative where distribution-connected electricity customers voluntary provide DR capabilities to reduce peak demand and increase system reliability	Industrial
Demand Response 3 - Initiative Schedule D6	2011-14	An initiative where distribution-connected electricity customers provide firm, contract DR capability to reduce peak demand and increase system reliability	Industrial
TOTAL	2011-14	172kW	781MWh

## Low Income Programs

Westario Power intends on participating in the OPA-Contracted Province-Wide Low Income Program. Our strategy and forecasted reductions in provincial peak electricity demand and electricity consumption will be filed with the Board once this program has been finalized and its details regarding funding and program components are made available.

## **6. Potential Board-Approved CDM Programs**

At this time Westario Power does not have any Board-Approved programs planned. Our current assumption is that the OPA CDM programs will allow Westario Power to achieve 100% of its targets. Should this assumption need to be readdressed in order for us to meet our CDM Targets, we will potentially develop, or join with another Local Distribution Company (LDC), in seeking a Board-Approved CDM Program.

## **7. Program Mix**

Section 5 above illustrates the programs which will be delivered to all customer types in Westario Power's service territory, including residential, commercial, industrial, and institutional customers. The strategy was developed having regard to the composition of Westario Power's customer base. Westario Power intends on participating in the OPA-Contracted Province-Wide Low Income Program.

## **8. CDM Programs Co-ordination**

Westario Power will continue to strive for CDM efficiencies in program delivery by building both on our strong relationships with our customers and on the current relationships that exist with other LDCs in the province. Currently, Westario Power collaborates with the members of the "Niagara Erie Power Alliance (NEPA) GEA Group" on a variety of activities, including program delivery. It is our goal to continue to enhance these relationships and further explore synergies with natural gas distributors in the province to ensure all customers are served in an efficient and coordinated manner.