



February 10, 2012

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
27th Floor
2300 Yonge Street Toronto, Ontario M4P 1E4

Via RESS and Courier

Dear Ms. Walli,

**RE: BRANTFORD POWER INC. REPLY SUBMISSION TO VULNERABLE
ENERGY CONSUMERS COALITION (VECC) INTERROGATORIES 2012 IRM
DISTRIBUTION RATE APPLICATION EB-2011-0147**

Please find attached Brantford Power Inc.'s reply submission to VECC 2012 IRM
Distribution Rate Application interrogatories filed on January 27, 2012

We would be pleased to provide any further information or details that you may require.

Yours truly,

Original signed by

George Mychailenko, CEO
Brantford Power Inc.

cc.

Heather Wyatt, Manager, Regulatory Compliance and Governance,
Board Secretary

IN THE MATTER OF the *Ontario Energy Board Act, 1998*,
S.O. 1998, c.15, (Schedule B), as amended;

AND IN THE MATTER OF an Application by Brantford
Power Inc. for an order or orders approving or fixing just and
reasonable distribution rates to be effective May 1, 2012

REPLY SUBMISSIONS OF BRANTFORD POWER INC.

DELIVERED FEBRUARY 10, 2012

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TO:

THE ONTARIO ENERGY BOARD

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AND TO:

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1. Lost Revenue Adjustment Mechanism (LRAM)

Reference: Manager's Summary, Page 10

Brantford Power seeks and LRAM claim of \$642, 821.54 for 2005 to 2010 CDM programs that impact revenues from 2006 to 2011.

a) Please provide a summary of past LRAM claims.

RESPONSE

BPI has not made LRAM claims prior to this application.

b) Please confirm that the LRAM amounts Brantford Power is seeking to recover in this application are new amounts not included in past LRAM claims.

RESPONSE

As indicated in the response to VECC interrogatory 1a, BPI has not made LRAM claims previously. As a result, BPI confirms that the LRAM amounts it is seeking to recover in this application are new amounts.

c) When was Brantford Power's load forecast last approved by the Board? Please discuss how any CDM savings have been accounted for in Brantford Power's approved load forecast.

RESPONSE

BPI's load forecast was last approved by the Board in July 18, 2008 in its cost of service proceeding EB-2007-0698. The following is an extract from the Board's decision in that proceeding:

LOAD FORECAST

The Company's load forecast was developed using a normalized average consumption("NAC") estimate for a given rate class multiplied by a customer count forecast for that rate class. The NAC value is based on 2004 consumption data that was generated by Hydro One using Hydro One's weather normalization model for the cost allocation initiative previously undertaken by the Board. The Company's 2008 load forecast is based on a forecast of customer growth using historical data from 2002 to 2006 and projected data for 2007 and 2008.

Board staff observed that the Company's methodology utilized only a single year of weather-normalized historical load to determine the future load. Board staff noted that this assumed that no CDM improvements had occurred over the past few years and that none were expected in the immediate future, and might therefore result in an overestimation of load. SEC shared Board staff's concerns. In its reply submission, the Company stated that it is premature to comment on a multiyear normalization approach at this time pending the completion of its review of alternative methods to the single-year normalization used in the application.

Board Findings

The Board accepts the Company's customer forecast. The Board also accepts the Company's use of 2004 weather normalized data. The Board has noted Board staff's concerns, but the process to obtain this data was an intensive effort for all parties involved and the proposal is leveraging the value of this work. The Company has not expressed concern that its load may be overestimated.

[Ontario Energy Board Decision EB-2007-0698 dated July 18, 2008, page 13.]

As noted in the Board's decision, BPI's last approved load forecast assumed no CDM improvements had occurred over the past few years and that none were expected in the immediate future. BPI asserts that no CDM savings were accounted for in its approved load forecast. This is consistent with the decision in Horizon's rate application with respect to its approved 2008 load forecast. [EB-2011-0172 dated December 21, 2011]

2. Appendix C, LRAM Support, Burman Energy Consultant Group Inc. LRAM Report, October 9, 2011

- a) Please provide the following details by year for each CDM Program at the measure level to add to the data shown in Attachment A: # units, unit and total kWh savings, lifetime, and free ridership rate. Reconcile to the load impacts and lost revenue in Attachments A and B.

RESPONSE

Please see the Attachment 6 to these interrogatory responses showing # of units, unit and kWh savings, lifetime savings and free ridership rates and LRAM \$ by measure. Totals have been provided which can be reconciled to the load impacts and lost revenues in Attachment A and B

- b) The Year Implemented column on Attachment A includes 2011. Please discuss the CDM programs implemented in 2011.

RESPONSE

Only programs implemented in 2005 to 2010 have been included in this LRAM claim. Programs which show a 2011 "Year Implemented" should read 2010. Attachment 1 has been updated to reflect this.

- c) List and confirm OPA's input assumptions for Every Kilowatt Counts (EKC) 2006 including the measure life, unit kWh savings and free ridership rate for Compact Fluorescent Lights (CFLs) and Seasonal Light Emitting Diodes (LED).

RESPONSE

Please see Attachment 7 showing the input assumptions for the EKC 2006-2009 program.

In 2006, the CFL input assumptions were 104.40 kWh. The assumptions were changed in 2007 to 43 kWh. LEDs changed from 30.75 kWh in 2006 to 13.70 kWh in 2007.

- d) Demonstrate that savings for EKC 2006 Mass Market measures 13 – 15 W Energy Star CFLs & Seasonal LEDs have been removed from the LRAM claim beginning in 2010.

RESPONSE

Please see Attachment 8 showing the change in kWh from 2,529,149 kWh in 2006-2009 to 326,087 kWh for 2010-2011.

- e) Adjust the LRAM claim as necessary to reflect the measure lives and unit savings for any/all measures that have expired beginning in 2009.

RESPONSE

No adjustments are necessary as any measures that would have expired beginning in 2009 were not included in the original claim.

- f) Attachment E provides the input assumptions for Third Tranche Programs. Please provide the source for these input assumptions.

RESPONSE

Input assumptions for Third Tranche Programs used the most recent OPA Assumptions and Measures being the “2011 Prescriptive Measures and Assumptions List Version 1.0 FINAL (April 06, 2011).pdf”

- g) Please provide the input assumptions used to calculate lost revenue for Third Tranche CDM programs included in prior LRAM claims.

RESPONSE

BPI has not submitted any previous LRAM Claims.

4. Tab 3, LRAM Supporting Documentation, Burman Energy Consultant Group Inc. LRAM Report, Results Page 3

Burman’s LRAM report indicates that input assumptions and free ridership rates for the 2010 program were not provided in the September 16, 2011 OPA 2010 Final CDM Results Summary. These input assumptions will be updated once the 2010 Final CDM Results Detailed report is released.

- a) When does Brantford Power expect to receive the 2010 Final CDM Results Detailed report?

RESPONSE

The 2010 Final CDM Details results report was received by the OPA November 15, 2011.

- b) How will these results impact the LRAM claim?

RESPONSE

The LRAM claim has been updated to include the finalized 2010 OPA CDM Details results. The chart illustrates the impact on the LRAM claim:

	ORIGINAL SUBMISSION LRAM \$	UPDATED LRAM \$	VARIANCE
<u>OPA Programs</u>			
RESIDENTIAL	-		
GENERAL SERVICE <50KW	\$422,612.47	\$422,859.19	\$246.72
GENERAL SERVICE >50KW	\$61,693.22	\$61,697.35	\$4.13
	\$104,906.55	\$105,185.58	\$279.04
	\$589,212.24	\$589,742.13	\$529.89
<u>Third Tranche</u>			
RESIDENTIAL	\$35,419.56	\$35,419.56	\$0.00
UNMETERED SCATTERED LOAD	\$18,189.74	\$18,189.74	\$0.00
	\$53,609.30	\$53,609.30	\$0.00
	\$642,821.54	\$643,351.43	\$529.89

- c) Please confirm the source of the input assumptions and results used to calculate load impacts in 2010 and 2011.

RESPONSE

The LRAM Claim has been updated to use the Final OPA 2006-2010 CDM Detailed Results.

“2006-2010 Final OPA CDM Results.Brantford Power Inc..xls”

ATTACHMENT 1

Business Energy Consultants Group Inc. – Bradford Power 2009-2011 (UK&I)

ATTACHMENT 3

LRAM Totals

Rate Class

	ORIGINAL SUBMISSION LRAM \$	UPDATED LRAM \$	VARIANCE
OPA Programs			
RESIDENTIAL	\$422,612.47	\$422,859.19	\$246.72
GENERAL SERVICE <50KW	\$61,693.22	\$61,697.35	\$4.13
GENERAL SERVICE >50KW	\$104,906.55	\$105,185.58	\$279.04
	\$589,212.24	\$589,742.12	\$529.89
Third Tranche			
RESIDENTIAL	\$35,419.56	\$35,419.56	\$0.00
UNMETERED SCATTERED LOAD	\$18,189.74	\$18,189.74	\$0.00
	\$53,609.30	\$53,609.30	\$0.00
	\$642,821.54	\$643,351.43	\$529.89

Years that lost revenues took place					
2006	2007	2008	2009	2010	2011

RESIDENTIAL

THIRD TRANCHE						
2005	\$ 741.13	\$ 726.15	\$ 693.61	\$ 686.76	\$ 696.75	\$ 703.88
2006	\$ 5,435.08	\$ 5,325.18	\$ 5,086.56	\$ 5,036.32	\$ 5,124.29	\$ 5,161.91

OPA PROGRAMS						
2006	\$ 38,458.57	\$ 37,680.95	\$ 35,992.42	\$ 35,636.94	\$ 6,297.39	\$ 6,343.69
2007		\$ 19,397.51	\$ 18,371.38	\$ 18,189.93	\$ 18,507.46	\$ 18,630.78
2008			\$ 32,212.17	\$ 23,695.04	\$ 24,108.67	\$ 24,285.94
2009				\$ 13,132.94	\$ 13,155.43	\$ 13,252.16
2010					\$ 12,620.71	\$ 12,689.12
2011						
	\$ 44,634.78	\$ 63,129.80	\$ 92,356.13	\$ 96,377.92	\$ 80,712.64	\$ 81,067.49

GENERAL SERVICE <50KW

OPA PROGRAMS						
2007						
2008			\$ 16.07	\$ 15.99	\$ 16.24	\$ 16.33
2009				\$ 17,691.37	\$ 17,973.68	\$ 18,067.78
2010					\$ 3,939.63	\$ 3,960.26
2011						
	\$ -	\$ -	\$ 16.07	\$ 17,707.36	\$ 21,929.55	\$ 22,044.37

GENERAL SERVICE >50KW

OPA PROGRAMS						
2006	\$ 5,978.80					
2007		\$ 7,818.17	\$ 165.74	\$ 170.44	\$ 165.64	\$ 163.33
2008			\$ 15,126.68	\$ 1,958.60	\$ 1,903.41	\$ 1,876.90
2009				\$ 22,956.24	\$ 11,367.50	\$ 11,209.22
2010					\$ 16,364.74	\$ 7,960.18
2011						
	\$ 5,978.80	\$ 7,818.17	\$ 15,292.41	\$ 25,085.28	\$ 29,601.29	\$ 21,209.63

UNMETERED SCATTERED LOAD

THIRD TRANCHE						
2005		\$ 846.78	\$ 827.63	\$ 823.79	\$ 819.96	\$ 816.13
2006		\$ 2,878.83	\$ 2,813.89	\$ 2,800.67	\$ 2,787.64	\$ 2,774.61
	\$ -	\$ 3,725.61	\$ 3,641.52	\$ 3,624.46	\$ 3,607.60	\$ 3,590.75

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German Energy Efficiency Group (see www.efficiency-energy.de)

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[illegible]

Project Data				Financial Data				Operational Data				Performance Data				Risk Data				Compliance Data				Reporting Data								
Index	Project Name	Project ID	Project Type	Project Status	Project Manager	Project Location	Project Start Date	Project End Date	Project Budget (M\$)	Project Actual Cost (M\$)	Project Variance (M\$)	Project Progress (%)	Project Risk Level	Project Notes	Project Cost (M\$)	Project Revenue (M\$)	Project Profit (M\$)	Project Loss (M\$)	Project Break-Even (M\$)	Project ROI (%)	Project NPV (M\$)	Project IRR (%)	Project Payback (Years)	Project Sensitivity (%)	Project Elasticity (%)	Project Inelasticity (%)	Project Unit Elasticity (%)	Project Unit Inelasticity (%)	Project Unit Elasticity (%)	Project Unit Inelasticity (%)		
1	Project A	1000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	100	95	5	100	Low	Project A completed successfully.	100	95	5	100	Low	Project A completed successfully.	100	95	5	100	Low	Project A completed successfully.	100	95	5	100	Low	Project A completed successfully.
2	Project B	2000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	200	190	10	100	Low	Project B completed successfully.	200	190	10	100	Low	Project B completed successfully.	200	190	10	100	Low	Project B completed successfully.	200	190	10	100	Low	Project B completed successfully.
3	Project C	3000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	300	280	20	100	Low	Project C completed successfully.	300	280	20	100	Low	Project C completed successfully.	300	280	20	100	Low	Project C completed successfully.	300	280	20	100	Low	Project C completed successfully.
4	Project D	4000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	400	380	20	100	Low	Project D completed successfully.	400	380	20	100	Low	Project D completed successfully.	400	380	20	100	Low	Project D completed successfully.	400	380	20	100	Low	Project D completed successfully.
5	Project E	5000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	500	480	20	100	Low	Project E completed successfully.	500	480	20	100	Low	Project E completed successfully.	500	480	20	100	Low	Project E completed successfully.	500	480	20	100	Low	Project E completed successfully.
6	Project F	6000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	600	580	20	100	Low	Project F completed successfully.	600	580	20	100	Low	Project F completed successfully.	600	580	20	100	Low	Project F completed successfully.	600	580	20	100	Low	Project F completed successfully.
7	Project G	7000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	700	680	20	100	Low	Project G completed successfully.	700	680	20	100	Low	Project G completed successfully.	700	680	20	100	Low	Project G completed successfully.	700	680	20	100	Low	Project G completed successfully.
8	Project H	8000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	800	780	20	100	Low	Project H completed successfully.	800	780	20	100	Low	Project H completed successfully.	800	780	20	100	Low	Project H completed successfully.	800	780	20	100	Low	Project H completed successfully.
9	Project I	9000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	900	880	20	100	Low	Project I completed successfully.	900	880	20	100	Low	Project I completed successfully.	900	880	20	100	Low	Project I completed successfully.	900	880	20	100	Low	Project I completed successfully.
10	Project J	10000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1000	980	20	100	Low	Project J completed successfully.	1000	980	20	100	Low	Project J completed successfully.	1000	980	20	100	Low	Project J completed successfully.	1000	980	20	100	Low	Project J completed successfully.
11	Project K	11000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1100	1080	20	100	Low	Project K completed successfully.	1100	1080	20	100	Low	Project K completed successfully.	1100	1080	20	100	Low	Project K completed successfully.	1100	1080	20	100	Low	Project K completed successfully.
12	Project L	12000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1200	1180	20	100	Low	Project L completed successfully.	1200	1180	20	100	Low	Project L completed successfully.	1200	1180	20	100	Low	Project L completed successfully.	1200	1180	20	100	Low	Project L completed successfully.
13	Project M	13000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1300	1260	40	100	Low	Project M completed successfully.	1300	1260	40	100	Low	Project M completed successfully.	1300	1260	40	100	Low	Project M completed successfully.	1300	1260	40	100	Low	Project M completed successfully.
14	Project N	14000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1400	1360	40	100	Low	Project N completed successfully.	1400	1360	40	100	Low	Project N completed successfully.	1400	1360	40	100	Low	Project N completed successfully.	1400	1360	40	100	Low	Project N completed successfully.
15	Project O	15000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1500	1440	60	100	Low	Project O completed successfully.	1500	1440	60	100	Low	Project O completed successfully.	1500	1440	60	100	Low	Project O completed successfully.	1500	1440	60	100	Low	Project O completed successfully.
16	Project P	16000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1600	1520	80	100	Low	Project P completed successfully.	1600	1520	80	100	Low	Project P completed successfully.	1600	1520	80	100	Low	Project P completed successfully.	1600	1520	80	100	Low	Project P completed successfully.
17	Project Q	17000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1700	1600	100	100	Low	Project Q completed successfully.	1700	1600	100	100	Low	Project Q completed successfully.	1700	1600	100	100	Low	Project Q completed successfully.	1700	1600	100	100	Low	Project Q completed successfully.
18	Project R	18000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1800	1680	120	100	Low	Project R completed successfully.	1800	1680	120	100	Low	Project R completed successfully.	1800	1680	120	100	Low	Project R completed successfully.	1800	1680	120	100	Low	Project R completed successfully.
19	Project S	19000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	1900	1760	140	100	Low	Project S completed successfully.	1900	1760	140	100	Low	Project S completed successfully.	1900	1760	140	100	Low	Project S completed successfully.	1900	1760	140	100	Low	Project S completed successfully.
20	Project T	20000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2000	1840	160	100	Low	Project T completed successfully.	2000	1840	160	100	Low	Project T completed successfully.	2000	1840	160	100	Low	Project T completed successfully.	2000	1840	160	100	Low	Project T completed successfully.
21	Project U	21000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2100	1920	180	100	Low	Project U completed successfully.	2100	1920	180	100	Low	Project U completed successfully.	2100	1920	180	100	Low	Project U completed successfully.	2100	1920	180	100	Low	Project U completed successfully.
22	Project V	22000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2200	2000	200	100	Low	Project V completed successfully.	2200	2000	200	100	Low	Project V completed successfully.	2200	2000	200	100	Low	Project V completed successfully.	2200	2000	200	100	Low	Project V completed successfully.
23	Project W	23000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2300	2080	220	100	Low	Project W completed successfully.	2300	2080	220	100	Low	Project W completed successfully.	2300	2080	220	100	Low	Project W completed successfully.	2300	2080	220	100	Low	Project W completed successfully.
24	Project X	24000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2400	2160	240	100	Low	Project X completed successfully.	2400	2160	240	100	Low	Project X completed successfully.	2400	2160	240	100	Low	Project X completed successfully.	2400	2160	240	100	Low	Project X completed successfully.
25	Project Y	25000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2500	2240	260	100	Low	Project Y completed successfully.	2500	2240	260	100	Low	Project Y completed successfully.	2500	2240	260	100	Low	Project Y completed successfully.	2500	2240	260	100	Low	Project Y completed successfully.
26	Project Z	26000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2600	2320	280	100	Low	Project Z completed successfully.	2600	2320	280	100	Low	Project Z completed successfully.	2600	2320	280	100	Low	Project Z completed successfully.	2600	2320	280	100	Low	Project Z completed successfully.
27	Project AA	27000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2700	2400	300	100	Low	Project AA completed successfully.	2700	2400	300	100	Low	Project AA completed successfully.	2700	2400	300	100	Low	Project AA completed successfully.	2700	2400	300	100	Low	Project AA completed successfully.
28	Project AB	28000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2800	2480	320	100	Low	Project AB completed successfully.	2800	2480	320	100	Low	Project AB completed successfully.	2800	2480	320	100	Low	Project AB completed successfully.	2800	2480	320	100	Low	Project AB completed successfully.
29	Project AC	29000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	2900	2560	340	100	Low	Project AC completed successfully.	2900	2560	340	100	Low	Project AC completed successfully.	2900	2560	340	100	Low	Project AC completed successfully.	2900	2560	340	100	Low	Project AC completed successfully.
30	Project AD	30000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3000	2640	360	100	Low	Project AD completed successfully.	3000	2640	360	100	Low	Project AD completed successfully.	3000	2640	360	100	Low	Project AD completed successfully.	3000	2640	360	100	Low	Project AD completed successfully.
31	Project AE	31000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3100	2720	380	100	Low	Project AE completed successfully.	3100	2720	380	100	Low	Project AE completed successfully.	3100	2720	380	100	Low	Project AE completed successfully.	3100	2720	380	100	Low	Project AE completed successfully.
32	Project AF	32000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3200	2800	400	100	Low	Project AF completed successfully.	3200	2800	400	100	Low	Project AF completed successfully.	3200	2800	400	100	Low	Project AF completed successfully.	3200	2800	400	100	Low	Project AF completed successfully.
33	Project AG	33000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3300	2880	420	100	Low	Project AG completed successfully.	3300	2880	420	100	Low	Project AG completed successfully.	3300	2880	420	100	Low	Project AG completed successfully.	3300	2880	420	100	Low	Project AG completed successfully.
34	Project AH	34000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3400	2960	440	100	Low	Project AH completed successfully.	3400	2960	440	100	Low	Project AH completed successfully.	3400	2960	440	100	Low	Project AH completed successfully.	3400	2960	440	100	Low	Project AH completed successfully.
35	Project AI	35000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3500	3040	460	100	Low	Project AI completed successfully.	3500	3040	460	100	Low	Project AI completed successfully.	3500	3040	460	100	Low	Project AI completed successfully.	3500	3040	460	100	Low	Project AI completed successfully.
36	Project AJ	36000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3600	3120	480	100	Low	Project AJ completed successfully.	3600	3120	480	100	Low	Project AJ completed successfully.	3600	3120	480	100	Low	Project AJ completed successfully.	3600	3120	480	100	Low	Project AJ completed successfully.
37	Project AK	37000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3700	3200	500	100	Low	Project AK completed successfully.	3700	3200	500	100	Low	Project AK completed successfully.	3700	3200	500	100	Low	Project AK completed successfully.	3700	3200	500	100	Low	Project AK completed successfully.
38	Project AL	38000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3800	3280	520	100	Low	Project AL completed successfully.	3800	3280	520	100	Low	Project AL completed successfully.	3800	3280	520	100	Low	Project AL completed successfully.	3800	3280	520	100	Low	Project AL completed successfully.
39	Project AM	39000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	3900	3360	540	100	Low	Project AM completed successfully.	3900	3360	540	100	Low	Project AM completed successfully.	3900	3360	540	100	Low	Project AM completed successfully.	3900	3360	540	100	Low	Project AM completed successfully.
40	Project AN	40000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	4000	3440	560	100	Low	Project AN completed successfully.	4000	3440	560	100	Low	Project AN completed successfully.	4000	3440	560	100	Low	Project AN completed successfully.	4000	3440	560	100	Low	Project AN completed successfully.
41	Project AO	41000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	4100	3520	580	100	Low	Project AO completed successfully.	4100	3520	580	100	Low	Project AO completed successfully.	4100	3520	580	100	Low	Project AO completed successfully.	4100	3520	580	100	Low	Project AO completed successfully.
42	Project AP	42000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	4200	3600	600	100	Low	Project AP completed successfully.	4200	3600	600	100	Low	Project AP completed successfully.	4200	3600	600	100	Low	Project AP completed successfully.	4200	3600	600	100	Low	Project AP completed successfully.
43	Project AQ	43000000000	Construction	Completed	John Doe	New York	2020-01-01	2020-12-31	4300	3680	620	100	Low	Project AQ completed successfully.	4300	3680	620	100	Low	Project AQ completed successfully.	4300	3680	620	100								

ATTACHMENT 5

Input Assumptions

	Program Year	Free Rider Rate	Number of Units	Table Applied	Technology Life	Annual Energy Savings per unit (kWh)	Annual Demand Savings per unit (kW)	Operating Hours
Third Tranche								
Residential								
Low Income Consumer Retrofit	2005							
15W CFL		10%	1007	OPA	8	44.35	0.001	985.5
23W CFL		10%	53	OPA	8	51.24	0.002	985.5
Clothes Line Kit		10%	65	OPA	10	149.40	0.088	
Low Income Energy Conservation Program	2006							
25W CFL		10%	53	OPA	8	73.91	0.002	985.5
15W CFL		10%	1102	OPA	8	44.35	0.001	985.5
Clothes Line Kit		10%	74	OPA	10	149.40	0.088	
Customer Outreach CFL Swap Program	2006							
15W CFL			8000	OPA	8	44.35	0.001	985.5
Unmetered Scattered Load								
LED Traffic Lights								
	2005	0%	9	Direct Input	8	12,772.00	1.458	\$760
	2006	0%	40	Direct Input	8	9,231.67	1.054	\$760
Standalone Flashing Light	2006	0%	30	Direct Input	8	717.20	0.082	\$760

ATTACHMENT 6

[illegible]

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				

ATTACHMENT 7

OPA Conservation & Demand Management Programs Measure Results at End-User Level

For: Brantford Power Inc.

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name
9	3	Every Kilowatt Counts	Consumer	2006	Final	1	Energy Star® Compact Fluorescent Light Bulb - Spring Campaign
13	3	Every Kilowatt Counts	Consumer	2006	Final	5	Energy Star® Compact Fluorescent Light Bulb - Autumn Campaign
14	3	Every Kilowatt Counts	Consumer	2006	Final	6	Seasonal Light Emitting Diode Light String - Autumn Campaign
40	8	Every Kilowatt Counts	Consumer	2007	Final	1	15 W CFL
41	8	Every Kilowatt Counts	Consumer	2007	Final	2	20+ W CFL
44	8	Every Kilowatt Counts	Consumer	2007	Final	5	Seasonal LED Light String
132	22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	1	Energy Star® Qualified Compact Fluorescent Light Bulbs
133	22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	2	Energy Star® Qualified Dimmable CFLs
134	22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	3	Energy Star® Qualified Decorative CFLs
135	22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	4	Energy Star® Qualified Compact Fluorescent Floods (Indoor & Outdoor)
136	22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	5	Energy Star® Qualified Light Fixtures
597	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	1	Energy Star Qualified Compact Fluorescent - Spring Campaign - Participant Rebated
613	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	17	Installed CFLs - Spring Campaign - Participant Spillover
622	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	26	Energy Star Qualified Compact Fluorescent - Spring Campaign - Non-Participant
623	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	27	ENERGY STAR Decorative CFLs - Spring Campaign - Non-Participant Rebated
637	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	41	Energy Star Qualified Compact Fluorescent - Autumn Campaign - Participant Rebated
638	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	42	ENERGY STAR Specialty CFLs - Autumn Campaign - Participant Rebated
639	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	43	ENERGY STAR Fixtures - Autumn Campaign - Participant Rebated
659	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	63	Energy Star Qualified Compact Fluorescent - Autumn Campaign - Non-Participant
660	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	64	ENERGY STAR Specialty CFLs - Autumn Campaign - Non-Participant Rebated
668	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	72	Energy Star Qualified Holiday LED Lights - Autumn Campaign - Non-Participant
682	37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	86	Installed Energy Star® CFL Bulbs - Rewards for Recycling Campaign - Spillover

Unit Savings Assumptions						LDC Specific Results				
Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)
0.00	104.40	0.00	93.96	90.00	4.00	9444.06	0.00	985959.68	0.00	887363.71
0.00	104.40	0.00	93.96	90.00	4.00	14002.75	0.00	1461886.66	0.00	1315697.99
0.00	30.75	0.00	27.68	90.00	30.00	3370.45	0.00	103641.44	0.00	93277.30
0.00	43.00	0.00	33.54	78.00	8.00	17246.37	22.42	741594.08	17.49	578443.39
0.00	62.10	0.00	48.44	78.00	8.00	2807.55	5.33	174348.66	4.16	135991.96
0.00	13.70	0.00	6.71	49.00	5.00	4569.16	0.00	62597.44	0.00	30672.75
0.00	52.96	0.00	27.67	52.26	8.00	6489.42	14.28	343679.58	7.46	179591.85
0.00	97.80	0.00	36.84	37.67	6.00	706.79	2.18	69120.66	0.82	26038.61
0.00	30.38	0.00	11.72	38.57	4.00	10963.06	10.50	333032.14	4.05	128442.15
0.00	87.62	0.00	32.83	37.47	7.00	3043.73	8.41	266689.57	3.15	99922.68
0.00	133.48	0.00	44.55	33.37	16.00	4723.61	19.87	630493.16	6.63	210422.84
0.00	23.17	0.00	15.92	68.73	8.00	788.08	0.57	18257.40	0.39	12548.15
0.00	101.42	0.00	13.30	13.11	8.00	72.00	0.23	7302.14	0.03	957.60
0.00	22.41	0.00	7.79	34.77	8.00	600.02	0.42	13446.83	0.15	4674.87
0.00	26.18	0.00	10.42	39.81	6.00	297.85	0.24	7797.88	0.10	3104.71
0.00	25.50	0.00	17.69	69.39	8.00	3566.42	2.82	90933.06	1.96	63101.17
0.00	20.81	0.00	14.87	71.48	6.00	1442.22	0.93	30009.72	0.67	21450.74
0.00	119.07	0.00	83.35	70.00	15.58	172.12	0.64	20495.28	0.45	14346.70
0.00	23.68	0.00	3.25	13.71	8.00	3248.32	2.39	76924.11	0.33	10548.38
0.00	29.97	0.00	4.51	15.06	6.00	1031.84	0.96	30921.73	0.14	4658.34
0.00	13.70	0.00	4.79	34.97	5.00	1385.98	0.00	18987.87	0.00	6639.67
0.00	44.57	0.00	8.22	18.44	8.00	32.66	0.05	1455.90	0.01	268.54

ATTACHMENT 8

OPA Conservation & Demand Management Programs
Measure Results at End-User Level

For:				Brantford Power Inc.	
Initiative Name	Program Name	Program Year	Results Status	#	Measure Name
Every Kilowatt Counts	Consumer	2006	Final	1	Energy Star® Compact Fluorescent Light Bulb - Spring Campaign
Every Kilowatt Counts	Consumer	2006	Final	2	Electric Timers - Spring Campaign
Every Kilowatt Counts	Consumer	2006	Final	3	Programmable Thermostats - Spring Campaign
Every Kilowatt Counts	Consumer	2006	Final	4	Energy Star® Ceiling Fans - Spring Campaign
Every Kilowatt Counts	Consumer	2006	Final	5	Energy Star® Compact Fluorescent Light Bulb - Autumn Campaign
Every Kilowatt Counts	Consumer	2006	Final	6	Seasonal Light Emitting Diode Light String - Autumn Campaign
Every Kilowatt Counts	Consumer	2006	Final	7	Programmable Thermostats - Autumn Campaign
Every Kilowatt Counts	Consumer	2006	Final	8	Dimmers - Autumn Campaign
Every Kilowatt Counts	Consumer	2006	Final	9	Indoor Motion Sensors - Autumn Campaign
Every Kilowatt Counts	Consumer	2006	Final	10	Programmable Baseboard Thermostats - Autumn Campaign

Net Energy Savings (kWh)				
Initiative Name	Program Name	Program Year	Results Status	
Every Kilowatt Counts	Consumer	2006	Final	#

Unit Savings Assumptions						LDC Specific Results					
Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)
0.00	104.40	0.00	93.96	90.00	4.00	9444.06	0.00	965959.66	3943036.73	0.00	667.364
0.00	183.00	0.00	164.70	90.00	20.00	264.76	0.00	48451.12	969022.47	0.00	43.606
0.05	216.00	0.05	194.40	90.00	15.00	115.17	5.76	24876.37	373145.54	5.18	22.389
0.01	141.00	0.01	126.90	90.00	20.00	87.61	1.23	12353.18	247063.69	1.10	11.118
0.00	104.40	0.00	93.96	90.00	4.00	14002.75	0.00	1461686.66	5647546.63	0.00	1315.696
0.00	30.75	0.00	27.68	90.00	30.00	3370.45	0.00	103641.44	3109243.17	0.00	93.277
0.12	522.09	0.11	469.89	90.00	18.00	222.18	26.16	115998.17	2087967.11	23.54	104.398
0.00	139.00	0.00	125.10	90.00	10.00	175.68	0.00	24419.68	244196.83	0.00	21.978
0.00	209.00	0.00	188.10	90.00	20.00	63.04	0.00	13175.18	263503.69	0.00	11.858
0.00	1466.30	0.00	1319.67	90.00	18.00	13.23	0.00	19404.17	349275.08	0.00	17.464

2006-2009 Total 2,529,149
2010-2011 Total 326,087

2006	2007	2008	2009	2010	2011
2,529,149	2,529,149	2,529,149	2,529,149	326,087	326,087