



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

BY COURIER

August 3, 2007

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

Dear Ms. Walli:

**RE: CANADIAN NIAGARA POWER INC. ("CNPI") – PORT COLBORNE 2007 EDR Z-FACTOR
EB-2007-0595**

I am attaching three (3) copies of the Revised Re-filing Submission pursuant to the Board's Decision with Reasons, For The Combined Proceeding On Storm Cost Claims. This submission is for Canadian Niagara Power Inc. – Port Colborne. The previous submission made on August 2, 2007 contained a numerical error in the detailed calculation of class allocations. The approved recovery was entered on the spreadsheet as \$234,322 as opposed to the proper value of \$243,322. This error is corrected in this revised submission.

Electronic copies are being sent to your office via Email. Electronic copies are also being transmitted to Intervenor of record.

Yours truly,

Douglas R. Bradbury
Director, Regulatory Affairs

1 **ONTARIO ENERGY BOARD**

2
3 In the matter of *the Ontario Energy Board Act, 1998*;

4
5 And in the matter of applications by Canadian Niagara Power Inc. –
6 Fort Erie, Canadian Niagara Power Inc. – Port Colborne, Peterborough
7 Distribution Inc. and Lakeland Power Distribution Ltd. for an order or
8 orders approving or fixing just and reasonable distribution rates and
9 other charges for 2007.

10
11 **THIS IS A REVISED SUBMISSION REPLACING THE SUBMISSION FILED WITH**
12 **THE BOARD ON AUGUST 2, 2007.**

13
14 **INTRODUCTION**

15
16 Canadian Niagara Power Inc. is an Ontario corporation with its head office located in
17 Fort Erie, Ontario. Canadian Niagara Power Inc. owns and operates transmission
18 and distribution facilities in Fort Erie, Port Colborne and Gananoque (Eastern
19 Ontario Power). In particular, this submission is specific to Canadian Niagara Power
20 Inc.'s distribution operations in its Port Colborne service territory, ("CNPI – Port
21 Colborne").

22
23 CNPI – Port Colborne is seeking approval for distribution rate riders for the recovery
24 of Z-factor amounts related to a natural disaster which inflicted significant damage to
25 the CNPI – Port Colborne's electricity distribution system in October 2006.

26
27 In its Decision with Reasons dated July 31, 2007 related to the Combined
28 Proceeding on Storm Damage Costs, the Ontario Energy Board (the "Board")

1 approved recovery of \$243,322¹ for CNPI – Port Colborne plus the applicable
2 interest. Using the Board's prescribed interest rate² of 4.59%, CNPI – Port Colborne
3 has calculated the projected interest at \$13,495 based on a one year recovery
4 period. Interest has been calculated from December 2006 through to August 2008.
5 The detailed calculation is included with this submission.

6
7 CNPI – Port Colborne has allocated the approved recovery together with applicable
8 interest to the customer classes based on the 2004 distribution revenue as stated in
9 the Board approved 2006 EDR model for CNPI – Port Colborne. The total amount
10 allocated per class has been allocated into fixed and variable charges based on the
11 specific percentage splits as per the Board approved 2006 EDR model for CNPI –
12 Port Colborne. The detailed calculation is included with this submission.

13
14 Amounts allocated to each class-specific fixed charge have been divided by the
15 number of customers (connections) and divided by 12 to determine the monthly
16 service charge rate rider for each class. The detailed calculation is included with this
17 submission.

18
19 Amounts allocated to each class-specific volumetric charge have been divided by
20 the volumes in each rate class to determine the volumetric rate rider for each class.
21 The detailed calculation is included with this submission.

22 23 **MITIGATION**

24
25 CNPI – Port Colborne will maintain the one year recovery period.

¹ The Board's Decision with Reasons related to the Combined Proceeding on Storm Damage Cost Claims, July 31, 2007 page 20

² Prescribed Interest Rates for Approved Accounts of Gas Utilities and Electricity LDCs and Other Regulated Entities Approved by the Board; Q3, 2007

RATE RIDERS

CNPI – Port Colborne is seeking the Board’s approval for the electricity distribution Rate Riders to recover the storm costs as shown below:

Residential		
Rate Rider - Fixed	\$/Month	0.89
Rate Rider - Volumetric	\$/kWh	0.0009
General Service Less Than 50 kW		
Rate Rider - Fixed	\$/Month	1.76
Rate Rider - Volumetric	\$/kWh	0.0005
General 50 to 4,999 kW		
Rate Rider - Fixed	\$/Month	35.22
Rate Rider - Volumetric	\$/kW	0.1345
Unmetered Scattered Load		
Rate Rider - Fixed	\$/Month	1.76
Rate Rider - Volumetric	\$/kWh	0.0005
Sentinel Lighting		
Rate Rider - Fixed	\$/Month	0.12
Rate Rider - Volumetric	\$/kW	0.3468
Street Lighting		
Rate Rider 1 - Fixed	\$/Month	0.08
Rate Rider 1 - Volumetric	\$/kW	0.2205

RATE IMPACTS

Customer impacts for total bill and electricity distribution charges are summarized in detailed calculations that are included with this submission. Customer impacts for total bill for common customer profiles including the Z-factor Rate Riders are summarized below:

Customer Class	Typical Customer	Impact on Total Bill	
		%	\$
Residential	1,000 kWh	1.50%	\$1.90
General Less Than 50 kW	2,000 kWh	1.25%	\$2.93
General Service 50 to 4,999 kW	100,000 kWh / 500 kW	0.92%	\$108.62

These impacts are calculated relative to the current 2007 Incentive Regulation Electricity Distribution Rates effective May 1, 2007.

2007 ELECTRICITY DISTRIBUTION RATES REQUESTED

Specifically, CNPI – Port Colborne is seeking the Board’s approval for the electricity distribution rates as shown below:

Residential		
Service Charge	\$	15.72
Service Charge – Rate Rider (Z-Factor)	\$	0.89
Distribution Volumetric Rate	\$/kWh	0.0153
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kWh	0.0009
Regulatory Asset Recovery	\$/kWh	0.0030
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
General Service Less Than 50 kW		
Service Charge	\$	31.04
Service Charge – Rate Rider (Z-Factor)	\$	1.76
Distribution Volumetric Rate	\$/kWh	0.0092
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kWh	0.0005
Regulatory Asset Recovery	\$/kWh	(0.0023)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
General 50 to 4,999 kW		
Service Charge	\$	614.74
Service Charge – Rate Rider (Z-Factor)	\$	35.22
Distribution Volumetric Rate	\$/kW	2.3770
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kW	0.1345
Regulatory Asset Recovery	\$/kW	(1.1394)
Retail Transmission Rate – Network Service Rate	\$/kW	1.7370
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4292
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25

Unmetered Scattered Load		
Service Charge	\$	31.04
Service Charge – Rate Rider (Z-Factor)	\$	1.76
Distribution Volumetric Rate	\$/kWh	0.0092
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kWh	0.0005
Regulatory Asset Recovery	\$/kWh	(0.0023)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
Standby Power		
Service Charge	\$	1.46
Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount.	\$/kW	1.1496
Sentinel Lighting		
Service Charge	\$	2.08
Service Charge – Rate Rider (Z-Factor)	\$	0.12
Distribution Volumetric Rate	\$/kW	6.0769
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kW	0.3468
Regulatory Asset Recovery	\$/kW	12.2827
Retail Transmission Rate – Network Service Rate	\$/kW	1.3166
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1264
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
Street Lighting		
Service Charge	\$	1.38
Service Charge – Rate Rider (Z-Factor)	\$	0.08
Distribution Volumetric Rate	\$/kW	3.8764
Distribution Volumetric Rate – Rate Rider (Z-Factor)	\$/kW	0.2205
Regulatory Asset Recovery	\$/kW	(4.1211)
Retail Transmission Rate – Network Service Rate	\$/kW	1.2686
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1280
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25

DETAILED CALCULATIONS

Attached hereto are the following detailed calculations:

1. Projected Interest to the End of the Recovery Period
2. Allocation of Recovery to the Customer Classes
3. Calculation of the Rate Riders
4. Rate Impacts for CNPI - Port Colborne Customers Based on a One Year Recovery Period

Note that where percentages available in the 2006 EDR, such as fixed and variable splits, have been copied for use in the detailed calculations the resultant of certain mathematical calculations may differ due to rounding. CNPI – Port Colborne submits that any differences yielded rounding are not impactful on the calculation of rate riders.

ALL OF WHICH IS RESPECTFULLY SUBMITTED

**Projected Interest to the End of the Recovery Period
CNPI - Port Colborne, 1 Year Recovery Period**

Board Approved Interest Rate 4.59%

	Balance	Recovery	Interest
December-06	243,322	-	930.71
January-07	243,322	-	930.71
February-07	243,322	-	930.71
March-07	243,322	-	930.71
April-07	243,322	-	930.71
May-07	243,322	-	930.71
June-07	243,322	-	930.71
July-07	243,322	-	930.71
August-07	243,322	-	930.71
September-07	223,046	20,277	853.15
October-07	202,769	20,277	775.59
November-07	182,492	20,277	698.03
December-07	162,215	20,277	620.47
January-08	141,938	20,277	542.91
February-08	121,661	20,277	465.35
March-08	101,384	20,277	387.80
April-08	81,107	20,277	310.24
May-08	60,831	20,277	232.68
June-08	40,554	20,277	155.12
July-08	20,277	20,277	77.56
August-08	-	20,277	-
Total Interest			\$ 13,495

CNPI - Port Colborne - Allocation of Recovery to Customer Classes

Board Approved Recovery	\$ 243,322
Project Interest	\$ 13,495
Total Recovery	\$ 256,817

Customer Class	Allocation to Customer Class	Volumetric as percent of Total for Customer Class	Fixed Charges as percent of Total for Customer Class	Overall Allocation to Class	Variable Component	Fixed Component
Residential	54.53%	38.82%	61.18%	140,053	54,369	85,685
General Service < 50 kW	13.50%	41.27%	58.73%	34,668	14,307	20,361
General Service > 50 kW	31.07%	61.87%	38.13%	79,803	49,374	30,429
Unmetered Scattered Load	0.00%	0.00%	0.00%	-	-	-
Sentinel Lights	0.03%	6.86%	93.14%	71	4.85	66
Street Lights	0.87%	14.29%	85.71%	2,222	317	1,904
Total	100.00%	46.41%	53.59%	256,817	118,373	138,444

CNPI - Port Colborne - Calculation of Rate Riders
Rate Riders Are Calculated Based on a One Year Recovery Period

Customer Class	Number of Customers (Connections)	Calculated kWh	Calculated kW	Overall Allocation to Class	Variable Component	Fixed Component	Fixed Charge Rate Rider		Distribution Charge Rate Rider	
Residential	8,064	62,256,160		140,053	54,369	85,685	0.89	per month	0.0009	per kWh
General Service < 50 kW	962	27,405,586		34,668	14,307	20,361	1.76	per month	0.0005	per kWh
General Service > 50 kW	72	104,648,698	367,101	79,803	49,374	30,429	35.22	per month	0.1345	per kW
Unmetered Scattered Load	-			-	-	-				
Sentinel Lights	46	4,941	14	71	4.9	66	0.12	per month	0.3468	per kW
Street Lights	2,015	514,213	1,440	2,222	317	1,904	0.08	per month	0.2205	per kW
Totals	11,159	194,829,598	368,555	256,817	118,373	138,444				

Rate Impacts for Port Colborne Customers Based on a One Year Recovery Period

Residential

Consumption	1,000 kWh 0 kW	Loss Factor 1.0322
--------------------	---------------------------	---------------------------

	2007 BILL			2007 BILL + Recovery			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 15.72			\$ 16.61	\$ 0.89	5.66%	13.75%
Distribution (kWh)	1,000	\$ 0.0153	\$ 15.30	1,000	\$ 0.0162	\$ 16.20	\$ 0.90	5.88%	13.41%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0030	\$ 3.00	1,000	\$ 0.0030	\$ 3.00	\$ -	0.00%	2.48%
Regulatory Assets (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Sub-Total			\$ 34.02			\$ 35.81	\$ 1.79	5.26%	29.65%
Other Charges (kWh)	1032	\$ 0.0223	\$ 23.02	1032	\$ 0.0223	\$ 23.02	\$ -	0.00%	19.06%
Other Charges (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Cost of Power Commodity (kWh)	800	\$ 0.0580	\$ 46.40	800	\$ 0.0580	\$ 46.40	\$ -	0.00%	38.42%
Cost of Power Commodity (kW)	232	\$ 0.0670	\$ 15.56	232	\$ 0.0670	\$ 15.56	\$ -	0.00%	12.88%
Total Bill before Taxes			\$ 119.00			\$ 120.79	\$ 1.79	1.50%	100%
GST 2007 - 6%			\$ 7.14			\$ 7.25	\$ 0.11	1.50%	
Total Bill after Taxes			\$ 126.14			\$ 128.03	\$ 1.90	1.50%	

General Service Less Than 50 kW

Consumption	2,000 kWh 0 kW	Loss Factor 1.0322
--------------------	---------------------------	---------------------------

	2007 BILL			2007 BILL + Recovery			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 31.04			\$ 32.80	\$ 1.76	5.67%	14.73%
Distribution (kWh)	2,000	\$ 0.0092	\$ 18.40	2,000	\$ 0.0097	\$ 19.40	\$ 1.00	5.43%	8.71%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Regulatory Assets (kWh)	2,000	\$ 0.0023	\$ 4.60	2,000	\$ 0.0023	\$ 4.60	\$ -	0.00%	-2.07%
Regulatory Assets (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Sub-Total			\$ 44.84			\$ 47.60	\$ 2.76	6.16%	21.37%
Other Charges (kWh)	2064	\$ 0.0211	\$ 43.56	2064	\$ 0.0211	\$ 43.56	\$ -	0.00%	19.56%
Other Charges (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00%
Cost of Power Commodity (kWh)	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	19.53%
Cost of Power Commodity (kW)	1,314	\$ 0.0670	\$ 88.06	1,314	\$ 0.0670	\$ 88.06	\$ -	0.00%	39.54%
Total Bill before Taxes			\$ 219.96			\$ 222.72	\$ 2.76	1.25%	100%
GST 2007 - 6%			\$ 13.20			\$ 13.36	\$ 0.17	1.25%	
Total Bill after Taxes			\$ 233.16			\$ 236.09	\$ 2.93	1.25%	

Rate Impacts for Port Colborne Customers Based on a One Year Recovery Period

General Service 50 to 4,999 kW

Consumption 100,000 kWh
500 kW **Loss Factor 1.0322**

	2007 BILL			2007 BILL + Recovery			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 614.74			\$ 649.96	\$ 35.22	5.73%	5.81%
Distribution (kWh)	100,000	\$ -	\$ -	100,000	\$ -	\$ -	\$ -		0.00%
Distribution (kW)	500	\$ 2.3770	\$ 1,188.50	500	\$ 2.5115	\$ 1,255.75	\$ 67.25	5.66%	11.22%
Regulatory Assets (kWh)	100,000	\$ -	\$ -	100,000	\$ -	\$ -	\$ -		0.00%
Regulatory Assets (kW)	500	-\$ 1.1394	-\$ 569.70	500	-\$ 1.1394	-\$ 569.70	\$ -		-5.09%
Sub-Total			\$ 1,233.54			\$ 1,336.01	\$ 102.47	8.31%	11.94%
Other Charges (kWh)	103220	\$ 0.0132	\$ 1,362.50	103220	\$ 0.0132	\$ 1,362.50	\$ -	0.00%	12.18%
Other Charges (kW)	500	\$ 3.1662	\$ 1,583.10	500	\$ 3.1662	\$ 1,583.10	\$ -	0.00%	14.15%
Cost of Power Commodity (kWh)	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	0.39%
Cost of Power Commodity (kW)	102,470	\$ 0.0670	\$ 6,865.49	102,470	\$ 0.0670	\$ 6,865.49	\$ -	0.00%	61.35%
Total Bill before Taxes			\$ 11,088.13			\$ 11,190.60	\$ 102.47	0.92%	100%
GST 2007 - 6%			\$ 665.29			\$ 671.44	\$ 6.15	0.92%	
Total Bill after Taxes			\$ 11,753.42			\$ 11,862.04	\$ 108.62	0.92%	

Sentinel Lighting

Consumption 150 kWh
1 kW **Loss Factor 1.0322**

	2007 BILL			2007 BILL + Recovery			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 2.08			\$ 2.20	\$ 0.12	5.77%	6.38%
Distribution (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$ -		0.00%
Distribution (kW)	1	\$ 6.0769	\$ 6.08	1	\$ 6.4237	\$ 6.42	\$ 0.35	5.71%	18.62%
Regulatory Assets (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$ -		0.00%
Regulatory Assets (kW)	1	\$ 12.2827	\$ 12.28	1	\$ 12.2827	\$ 12.28	\$ -		35.61%
Sub-Total			\$ 20.44			\$ 20.91	\$ 0.47	2.28%	60.62%
Other Charges (kWh)	155	\$ 0.0132	\$ 2.04	155	\$ 0.0132	\$ 2.04	\$ -	0.00%	5.93%
Other Charges (kW)	1	\$ 2.4430	\$ 2.56	1	\$ 2.4430	\$ 2.56	\$ -	0.00%	7.42%
Cost of Power Commodity (kWh)	155	\$ 0.0580	\$ 8.98	155	\$ 0.0580	\$ 8.98	\$ -	0.00%	26.04%
Cost of Power Commodity (kW)	0	\$ 0.0670	\$ -	0	\$ 0.0670	\$ -	\$ -		0.00%
Total Bill before Taxes			\$ 34.02			\$ 34.49	\$ 0.47	1.37%	100%
GST 2007 - 6%			\$ 2.04			\$ 2.07	\$ 0.03	1.37%	
Total Bill after Taxes			\$ 36.06			\$ 36.56	\$ 0.49	1.37%	

Rate Impacts for Port Colborne Customers Based on a One Year Recovery Period

Street Lighting

Consumption

150 kWh
1 kW

Loss Factor 1.0322

	2007 BILL			2007 BILL + Recovery			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 1.38			\$ 1.46	\$ 0.08	5.80%	9.75%
Distribution (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$ -		0.00%
Distribution (kW)	1	\$ 3.8764	\$ 3.88	1	\$ 4.0969	\$ 4.10	\$ 0.22	5.69%	27.37%
Regulatory Assets (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$ -		0.00%
Regulatory Assets (kW)	1	-\$ 4.1211	-\$ 4.12	1	-\$ 4.1211	-\$ 4.12	\$ -		-27.53%
Sub-Total			\$ 1.14			\$ 1.44	\$ 0.30	26.47%	9.59%
Other Charges (kWh)	155	\$ 0.0132	\$ 2.04	155	\$ 0.0132	\$ 2.04	\$ -	0.00%	13.65%
Other Charges (kW)	1	\$ 2.3966	\$ 2.51	1	\$ 2.3966	\$ 2.51	\$ -	0.00%	16.77%
Cost of Power Commodity (kWh)	155	\$ 0.0580	\$ 8.98	155	\$ 0.0580	\$ 8.98	\$ -	0.00%	59.98%
Cost of Power Commodity (kW)	0	\$ 0.0670	\$ -	0	\$ 0.0670	\$ -	\$ -		0.00%
Total Bill before Taxes			\$ 14.67			\$ 14.97	\$ 0.30	2.05%	100%
GST 2007 - 6%			\$ 0.88			\$ 0.90	\$ 0.02	2.05%	
Total Bill after Taxes			\$ 15.55			\$ 15.87	\$ 0.32	2.05%	