

March 27, 2011

Delivery by RESS and By Hand

Ontario Energy Board
P.O Box 2319
27th Floor
2300 Young Street
Toronto, ON
M4P 1E4

Attention: Ms. Kirsten Walli, Board Secretary

Re: Niagara Peninsula Energy Inc. Application for 2011 Distribution Rates
Board File Number: EB-2010-0138
Response to Technical Questions – Energy Probe

Dear Ms. Walli

Please find attached Niagara Peninsula Energy Inc.'s responses to the Technical Question Interrogatories on its 2011 Electricity Distribution Cost of Service Rate Application. Two hard copies and a disc will follow by courier subsequent to the Technical Conference being held on March 28, 2011.

If further information is required, please contact myself at 905-353-6004 or email Suzanne.wilson@npei.ca.

Yours truly,



Suzanne Wilson
VP Finance

Cc: Intervenors of Record

EB-2010-0138

Ontario Energy Board

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

AND IN THE MATTER OF an application by Niagara
Peninsula Energy Inc. for an order approving just and reasonable
rates and other charges for electricity distribution to be effective
May 1, 2011.

**NIAGARA PENINSULA ENERGY INC.'S RESPONSES TO
TECHNICAL CONFERENCE QUESTIONS OF
ENERGY PROBE RESEARCH FOUNDATION
("ENERGY PROBE")**

March 28, 2011

**NIAGARA PENINSULA ENERGY INC. RESPONSES
2011 RATES REBASING CASE
EB-2010-0138**

**ENERGY PROBE RESEARCH FOUNDATION
TECHNICAL CONFERENCE QUESTIONS**

Question #1

Ref: Energy Probe Interrogatory #4

Please explain what is meant by "lot rebates" that total \$245,344 as shown in the response to part (a) of the response.

Response

The term "lot rebate" refers to the re-payment to subdivision developers of a portion of their capital investment incurred to install the underground distribution facilities in a new subdivision development. Developers are rebated a calculated value per lot connected during the year, according to the contractual agreement between the utility and the developer. The requirement to refund a portion of the developer's capital investment costs in residential subdivisions is a requirement defined within the "Distribution System Code".

Question #2

Ref: Energy Probe Interrogatory #7 & #8

Please explain why January 2010 and January 2011 additions are included in the calculation of the NBV at the end of 2009 and 2010, respectively.

Response

The references to January 2010 and January 2011, in interrogatory responses #7 and #8 respectively, refer to the first month in which depreciation expense will be recorded on the additions. The month of addition is actually the previous month. For example, in IR Response #7, the value of \$108,207 is the amount of December 2009 additions, on which depreciation will begin in January 2010. Therefore, NPEI submits that this amount is correctly included in the calculation of the 2009 NBV.

Question #3

Ref: Energy Probe Interrogatory #8 & #6 & Exhibit 2, Table 2-13

- a) Please reconcile the additions to computer software shown in the response to the two interrogatories (\$278,954 in the response to #6, and \$201,616 in the response to #8).**
- b) Please reconcile the NBV at the end of 2010 of \$44,810 shown in the response to Energy Probe #6a, with the figure of \$224,045 shown in the response to Energy Probe #8.**
- c) Please explain why the figure of \$156,613 shown for January 2011 is included in the NBV at the end of 2011.**
- d) Is the \$156,613 shown on January, 2011 part of the \$182,870 shown as capital additions in 2011 in Table 2-13 of Exhibit 2? If not, please explain why not.**
- e) Please show the calculation of the depreciation expense associated with computer software in 2011 assuming that the NBV at the end of 2010 is amortized over 4 years and the additions in 2011 are depreciated over five years, with the half year applicable in 2011.**

Response

- a) The forecast amount of 2010 computer software additions that was included in NPEI's application is \$278,954. This amount is also shown in Energy Probe interrogatory #6a, which is based on forecast additions and a full year of depreciation. NPEI's actual 2010 additions to computer software is \$250,022, which has been included in responses to IR #6b and IR #8. The following table summarizes the references to forecast versus actual 2010 additions for computer software:

2010 Computer Software Additions

Evidence Reference	Amount	Note
Application, Table 2-12	278,954	Forecast 2010 additions
EP IR # 6 a	278,954	Forecast 2010 additions
EP IR # 6 b	250,022	Actual 2010 additions
EP IR # 8	250,022	Actual 2010 additions

Note: NPEI can not locate the referenced amount of \$201,616 in the response to IR # 8.

- b) The response to Energy Probe IR #6a includes the 2010 forecast additions and a full year of depreciation. In response to IR # 6b, NPEI updated the 2010 software additions to reflect the actual amount of \$250,022. However, the 2010 depreciation calculation in #6b did not take into account the timing of the 2010 additions. In response to IR #8, the actual monthly timing of the 2010 additions was considered. The 2010 ending NBV of \$224,045 agrees to NPEI's financial statements.
- c) As indicated in the response to #2 above, the amount of \$156,613 represents the additions in December 2010. The reference to January 2011 is the first month in which depreciation will be recorded.
- d) No, the \$156,613 is not included as part of the \$182,870 of 2011 capital additions in Table 2-13. The \$156,613 is part of the 2010 additions of \$278,954 (forecast as per Table 2-12 and IR #6a) or \$250,022 (actual, as per IR #6b and #8).
- e) Based on the assumptions given, the 2011 depreciation expense on computer software would be \$74,298, consisting of \$56,011 on the

2011 opening NBV and \$18,287 on 2011 additions, as per the following table:

2011 Computer Software

2011 Opening Balance			2011 Activity			2011 Closing Balance		
Cost	Accumulated Depreciation	NBV	2011 Additions	2011 Dep'n on 2010 NBV	2011 Dep'n on 2011 Additions	Cost	Accumulated Depreciation	NBV
2,170,028	1,945,983	224,045	182,870	56,011	18,287	2,352,898	2,020,282	332,617

Question #4

Ref: Energy Probe Interrogatory #10

The response indicates that the average capital contributions over the 2006 through 2010 period is more than \$1.4 million per year. The 2011 forecast is for only \$850,000. Please explain what is driving this significant drop.

Response

The reduction in forecast capital contributions for 2011 is attributed to the proposed changes in NPEI's "Conditions of Service" document. The conditions of service were re-written to harmonize the business rules across the two distribution territories, formerly Niagara Falls Hydro Inc. and Pen West Utilities Inc. Assuming that the revised COS document will be applied in 2011, the amount of customer contributed capital is expected to decrease. Prior to the COS changes, the required capital contributions for new service construction, as a percentage of the total installation costs in the Pen West distribution area were higher than those in the Niagara Falls area. The harmonized COS document equalizes the contributed capital requirements for new service construction in both service territories.

Question #5

Ref: Energy Probe Interrogatory #15

Please calculate the impact on distribution revenues in 2011 at 2010 rates for each rate class based on the updated customer/connection forecast shown in Table 3.14, the updated weather normalized billed energy forecast (Table 3.20) and the updated kW forecast (Table 3.23).

Response

The impact on distribution revenues by rate class recalculated for updated 2010 actual and revised 2011 forecasted customer/connection counts and weather normalized kWh and kW is as follows:

	Updated	Updated				
	Dist Rev At	Base Revenue	Original Rate		Original Rate	
	Existing Rates %	Requirement	Application	pts Change	Application	\$ Change
		30,235,583				
Residential	54.03%	16,336,251	54.28%	-0.25%	16,411,383	(75,133)
GS < 50 kW	12.43%	3,759,252	12.29%	0.14%	3,716,300	42,952
GS >50	32.71%	9,890,811	32.60%	0.11%	9,858,152	32,659
Large Use	0.00%	0	0.00%	0.00%	0	0
Sentinel Lights	0.02%	6,674	0.03%	-0.01%	9,072	(2,397)
Street Lighting	0.32%	97,533	0.32%	0.00%	97,344	190
USL	0.48%	145,062	0.47%	0.01%	143,333	1,729
	100%	30,235,583	100.00%	0.00%	30,235,583	0

Question #6

Ref: Energy Probe Interrogatory #18

- a) Please confirm that the inflation rate for 2010 was 1.3% based on the 2010 IRM price escalator, rather than the 2.3% stated in part (c) of the response.**
- b) Please confirm that the inflation rate for 2011 has been determined to be 1.3% as published by the OEB on March 2, 2011.**

Response

- a) NPEI confirms that the inflation rate was 1.3% based on the 2010 IRM price escalator.
- b) NPEI confirms the inflation rate for 2011 has been determined to be 1.3% as published by the OEB on March 2, 2011.

Question #7

Ref: Energy Probe Interrogatory #22 & Exhibit 4, Table 4-26

- a) Please confirm that that NPEI is earning a return of 11.86% only on the allocated expenses (\$260,000) and not on the \$517,645 in costs directly allocated to the affiliate.**
- b) What is the NBV of the assets associated with the \$18,122 in depreciation expense noted in the response?**
- c) Is this depreciation expense being recovered from the affiliate? If so, is it part of the profit margin of \$35,000? If not, please explain how it is being recovered from the affiliate.**
- d) Has the allocation of the portion of the assets that are attracting the depreciation expense noted above been removed from rate base in the calculation of the revenue requirement? If not, does this mean that ratepayers are paying a cost of capital on assets used to provide services to the affiliate?**
- e) Please show where in Table 4-26 the depreciation expense of \$18,122 has been removed from the total depreciation expense of \$7,143,688.**

Response

- a) NPEI confirms the return of 11.86% is only on the allocated expenses of \$260,000 and not on the \$517,645 of costs directly allocated to the affiliate.
- b) The fixed asset charge is a fixed amount of \$1,509.31 per month. This charge does not relate to specific fixed assets, it is a fixed charge related to general office equipment, computer hardware and computer software. This amount has not changed since 2002.

- c) The depreciation expense is being recovered from the affiliate in Account 4235 as illustrated in the chart shown for interrogatory #22 b) and c) It is not part of the profit margin of \$35,000.
- d) The portions of assets that are attracting the depreciation expense noted above have not been removed from rate base in the calculation of the revenue requirement. The general assets of office equipment, computer hardware and computer software would still be required to complete hydro related functions regardless of performing the water billing and collection functions. If NPEI no longer completed the water billing and collecting functions on behalf of the affiliate, these assets would still be being used for hydro functions and included in the rate base. The fixed asset charge included in the revenue account 4235 is included as a revenue offset to the revenue requirement.
- e) The fixed asset charge of \$18,122 is a fixed charge per month and relates to general office equipment, computer hardware and computer software. The \$18,122 is included in the depreciation expense of \$7,143,688 but it is also included in the revenue account 4235 which therefore has a net impact of zero on the revenue requirement.

Question #8

Ref: Energy Probe Interrogatory #25 & #6a & Exhibit 4, Table 4-25

The response to Energy Probe #25 shows a disposal for meters of \$958,531. This figure is different from that in the original evidence at Table 4-25 which is also reflected in the response to Energy Probe #6a. Please explain.

Response

The original Table 4-25 only included the disposal of the cost of the meters.
Please see the response to Board staff Interrogatory # 14b) noted below:

The disposal column recorded a disposal of only the cost of the stranded meters (\$3,163,008) and omitted the accumulated depreciation balance (\$2,204,477) on the stranded meters. The correct disposal amount should be \$958,531. Please see the revised Table-25 for 2010 below.

Niagara Peninsula Energy Inc.
EB-2010-0138
Energy Probe TCQ Responses
March 28, 2011
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Account	Description	Opening Balance	Less Fully Depreciated	Net for Depreciation	Disposal	Additions	Closing Balance 2006	Total for Depreciation	Years	Depreciation Rate	Depreciation Expense	Adjustments	Total Depreciation
		(a)	(b)	©=(a)-(b)	(c1)	(d)		(e)=(©-c1)+.50x(d)	(f)	(g)=1/(f)	(h)=(e)/(f)	(i)	(j)=(h)+(i)
1805	Land	507,274	0	507,274		0	507,274	507,274			0	0	0
1806	Land Rights	1,598,170	0	1,598,170		0	1,598,170	1,598,170	25	0.04	63,927	(7,077)	56,850
1808	Buildings and Fixtures	111,638	0	111,638		0	111,638	111,638	25	0.04	4,466	5,196	9,661
1810	Leasehold Improvements	0	0	0		0	0	0			0	0	0
1815	Transformer Station Equipment - Normally Primary above 50 kV	6,558,514	0	6,558,514		0	6,558,514	6,558,514	40	0.03	163,963	(18,985)	144,978
1820	Distribution Station Equipment - Normally Primary below 50 kV	4,507,465	924,634	3,582,831		185,185	4,692,651	3,675,424	25	0.04	147,017	(17,443)	129,574
1825	Storage Battery Equipment	0	0	0		0	0	0			0	0	0
1830	Poles, Towers and Fixtures	28,665,012	8,329,566	20,335,446		2,860,613	31,525,625	21,765,752	25	0.04	870,630	(38,060)	832,570
1835	Overhead Conductors and Devices	31,395,023	2,048,498	29,346,525		1,231,327	32,626,350	29,962,188	25	0.04	1,198,488	(30,602)	1,167,885
1840	Underground Conduit	10,367,640	0	10,367,640		1,175,040	11,542,680	10,955,160	25	0.04	438,206	(265,743)	172,464
1845	Underground Conductors and Devices	54,396,854	321,277	54,075,577		1,723,794	56,120,648	54,937,474	25	0.04	2,197,499	110,123	2,307,622
1850	Line Transformers	31,103,686	3,366,951	27,736,735		1,384,010	32,487,696	28,428,740	25	0.04	1,137,150	(13,656)	1,123,494
1855	Services	3,459,629	0	3,459,629		486,923	3,946,552	3,703,090	25	0.04	148,124	(2)	148,121
1860	Meters	6,677,338	1,340,931	5,336,407	958,531	4,369,541	10,088,349	6,562,647	25	0.04	262,506	(30,643)	231,863
1865	Other Installations on Customer's Premises	440	0	440		0	440	440	25	0.04	18	(18)	0
1905	Land	508,970	0	508,970		0	508,970	508,970			0	0	0
1906	Land Rights	0	0	0		0	0	0			0	0	0
1908	Buildings and Fixtures	12,391,184	1,817,234	10,573,950		188,557	12,579,740	10,668,228	60	0.02	177,804	32,829	210,633
1910	Leasehold Improvements	120,252	120,252	(0)		0	120,252	(0)	3	0.33	(0)	0	0
1915	Office Furniture and Equipment	1,107,299	628,664	478,635		70,564	1,177,863	513,917	10	0.10	51,392	23,133	74,524
1920	Computer Equipment - Hardware	2,624,840	1,953,498	671,341		273,500	2,898,340	808,091	5	0.20	161,618	85,739	247,358
1925	Computer Software	1,920,006	1,735,390	184,616		278,954	2,198,960	324,093	1	1.00	324,093	(44,810)	279,283
1930	Transportation Equipment	5,484,897	3,706,634	1,778,263		824,149	6,309,047	2,190,338	8	0.13	273,792	124,602	398,395
1935	Stores Equipment	200,261	182,660	17,601		18,900	219,161	27,051	10	0.10	2,705	804	3,509
1940	Tools, Shop and Garage Equipment	1,566,110	1,257,226	308,884		94,342	1,660,452	356,055	10	0.10	35,605	26,969	62,574
1945	Measurement and Testing Equipment	183,146	133,421	49,725		4,690	187,835	52,070	5	0.20	10,414	17,601	28,015
1950	Power Operated Equipment	0	0	0		0	0	0			0	0	0
1955	Communication Equipment	158,934	92,379	66,555		2,843	161,777	67,977	4	0.25	16,994	1,872	18,866
1960	Miscellaneous Equipment	67,903	46,643	21,260		5,049	72,952	23,785	5	0.20	4,757	1,691	6,448
1970	Load Management Controls - Customer Premises	0	0	0		0	0	0			0	0	0
1975	Load Management Controls - Utility Premises	0	0	0		0	0	0			0	0	0
1980	System Supervisory Equipment	128,961	128,961	0		0	128,961	0	15	0.07	0	0	0
1985	Sentinel Lighting Rentals	0	0	0		0	0	0			0	0	0
1990	Other Tangible Property	0	0	0		0	0	0			0	0	0
1995	Contributions and Grants	(16,320,649)	0	(16,320,649)		(1,200,000)	(17,520,649)	(16,920,649)	25	0.04	(676,826)	23,080	(653,746)
2005	Property under Capital Lease	143,036	143,036	0		0	143,036	0	25	0.04	0	0	0
	Total before Work in Process	189,633,833	28,277,856	161,355,977	958,531	13,977,982	202,653,283	167,386,437			7,014,340	(13,400)	7,000,940
	Work in Process												
	Total after Work in Process	189,633,833	28,277,856	161,355,977	958,531	13,977,982	202,653,283	167,386,437			7,014,340	(13,400)	7,000,940

Question #9

Ref: Exhibit 4, Tables 4-21 through 4-26

Please explain what the adjustments column shown in the referenced tables is related to and explain how the figures have been calculated.

Response

The adjustments column shown in the referenced tables is the difference between how Tables 4-21 through 4-26 calculates depreciation and the actual spreadsheets used by NPEI to calculate depreciation expense. The adjustments column is only the difference between column h and column j.

Question #10

Ref: Energy Probe Interrogatory #26d

- a) Please explain why the 2010 apprentices hired in August of 2010 have wages eligible for the ATTC and federal tax credits only for the September through December, 2011 period.**
- b) Why has NPEI assumed that positions hired prior to March 26, 2009 are eligible for the ATTC for only 3 years and not the extended period of 4 years?**
- c) What is meant by "NPEI start date"? Is this the date that the apprentice was hired?**

Response

- a) The August 2010 apprentices returned to school from January to August of 2011 and will work from September to December 2011.
- b) NPEI understands per Schedule 552 of the tax return that services provided before March 27, 2009 are eligible for 36 months and for services provided after March 27, 2009 are eligible for 48 months.
- c) NPEI start date is the date the apprentice commenced working with NPEI.

Question #11

Ref: All Interrogatories

- a) Please provide an updated Revenue Requirement Work Form that reflects all the changes that NPEI has accepted through the interrogatory process or other changes now proposed by NPEI. Please also reflect the updated cost of capital parameters released by the Board on March 3, 2011 in the revenue requirement work form.**
- b) Please provide a companion schedule that shows for each of the changes accepted by NPEI the determination/calculation of the change in the revenue requirement.**

Response

- a) Please see Appendix A
- b) Please see the Table below that details the change in the revenue requirement for each change accepted by NPEI. All other things were kept equal when a change was made. As a result due to updated cost of capital parameters and tax implications the sum of the four changes doesn't equal the Total change when all four changes were incorporated together.

Changes to Revenue Requirement

	New Cost of Capital		New Cost of		Errors re Tax Adjustments		Inclusion of		Total
	Parameters		Power		to Acctg Income		Leap		with all changes
									made
Pre-Filed Revenue Deficiency	3,378,278		3,378,278		3,378,278		3,378,278		3378278
Revised	3,219,526		3,475,836		3,332,971		3,417,710		3308419
Increase/(Decrease)	(158,752)		97,558		(45,307)		39,432		(69,859)

Appendix A – Revenue Requirement Work Form



REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc. (1)
 File Number: EB-2010-0138
 Rate Year: 2011 Version: 2.11

Table of Content

<u>Sheet</u>	<u>Name</u>
A	<u>Data Input Sheet</u>
1	<u>Rate Base</u>
2	<u>Utility Income</u>
3	<u>Taxes/PILS</u>
4	<u>Capitalization/Cost of Capital</u>
5	<u>Revenue Sufficiency/Deficiency</u>
6	<u>Revenue Requirement</u>
7A	<u>Bill Impacts -Residential</u>
7B	<u>Bill Impacts - GS < 50 kW</u>

Notes:

- (1) Pale green cells represent inputs
- (2) Pale yellow cells represent drop=down lists
- (3) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (4) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.**

Copyright

This Revenue Requirement Work Form Model is protected by copyright and is being made available to you solely for the purpose of preparing or reviewing your draft rate order. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

Data Input (1)

	Initial Application		(7)		Per Board Decision
1 Rate Base					
Gross Fixed Assets (average)	\$205,000,203		\$ 205,000,203		\$205,000,203
Accumulated Depreciation (average)	(\$103,031,549) (5)		-\$ 103,031,549		(\$103,031,549)
Allowance for Working Capital:					
Controllable Expenses	\$14,556,815		\$ 14,556,815		\$14,556,815
Cost of Power	\$107,159,585		\$ 107,159,585		\$107,159,585
Working Capital Rate (%)	15.00%		15.00%		15.00%
2 Utility Income					
Operating Revenues:					
Distribution Revenue at Current Rates	\$26,857,308				
Distribution Revenue at Proposed Rates	\$30,165,727				
Other Revenue:					
Specific Service Charges	\$956,878				
Late Payment Charges	\$518,557				
Other Distribution Revenue	\$558,164				
Other Income and Deductions	\$152,148				
Operating Expenses:					
OM+A Expenses	\$14,334,341		\$ 14,334,341		\$14,334,341
Depreciation/Amortization	\$7,143,688		\$ 7,143,688		\$7,143,688
Property taxes	\$222,474		\$ 222,474		\$222,474
Capital taxes	\$0				
Other expenses					
3 Taxes/PILs					
Taxable Income:					
Adjustments required to arrive at taxable income	(\$246,948) (3)				
Utility Income Taxes and Rates:					
Income taxes (not grossed up)	\$1,180,733				
Income taxes (grossed up)	\$1,645,621				
Capital Taxes	\$ - (6)			(6)	(6)
Federal tax (%)	16.50%				
Provincial tax (%)	11.75%				
Income Tax Credits	(\$51,000)				
4 Capitalization/Cost of Capital					
Capital Structure:					
Long-term debt Capitalization Ratio (%)	56.0%				
Short-term debt Capitalization Ratio (%)	4.0% (2)		(2)		(2)
Common Equity Capitalization Ratio (%)	40.0%				
Preferred Shares Capitalization Ratio (%)	100.0%				
Cost of Capital					
Long-term debt Cost Rate (%)	6.36%				
Short-term debt Cost Rate (%)	2.46%				
Common Equity Cost Rate (%)	9.58%				
Preferred Shares Cost Rate (%)					

Notes:

(Rate Base through Revenue Requirement), except for Notes that the utility may wish to use to support the data. Notes should be put on the applicable pages to explain numbers shown.

(1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)

(2) 4.0% unless an Applicant has proposed or been approved for another amount.

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) Not applicable as of July 1, 2010

(7) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

Rate Base

Line No.	Particulars	Initial Application						Per Board Decision
1	Gross Fixed Assets (average) (3)	\$205,000,203		\$ -	\$205,000,203		\$ -	\$205,000,203
2	Accumulated Depreciation (average) (3)	(\$103,031,549)		\$ -	(\$103,031,549)		\$ -	(\$103,031,549)
3	Net Fixed Assets (average) (3)	\$101,968,654		\$ -	\$101,968,654		\$ -	\$101,968,654
4	Allowance for Working Capital (1)	\$18,257,460		\$ -	\$18,257,460		\$ -	\$18,257,460
5	Total Rate Base	\$120,226,114		\$ -	\$120,226,114		\$ -	\$120,226,114

(1) Allowance for Working Capital - Derivation								
6	Controllable Expenses	\$14,556,815		\$ -	\$14,556,815		\$ -	\$14,556,815
7	Cost of Power	\$107,159,585		\$ -	\$107,159,585		\$ -	\$107,159,585
8	Working Capital Base	\$121,716,400		\$ -	\$121,716,400		\$ -	\$121,716,400
9	Working Capital Rate % (2)	15.00%		0.00%	15.00%		0.00%	15.00%
10	Working Capital Allowance	\$18,257,460		\$ -	\$18,257,460		\$ -	\$18,257,460

Notes

- (2) Generally 15%. Some distributors may have a unique rate due as a result of a lead-lag study.
 (3) Average of opening and closing balances for the year.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

		Utility income						
Line No.	Particulars	Initial Application				Per Board Decision		
Operating Revenues:								
1	Distribution Revenue (at Proposed Rates)	\$30,165,727		(\$30,165,727)		\$ -		\$ -
2	Other Revenue	(1) \$2,185,747		(\$2,185,747)		\$ -		\$ -
3	Total Operating Revenues	\$32,351,474		(\$32,351,474)		\$ -		\$ -
Operating Expenses:								
4	OM+A Expenses	\$14,334,341		\$ -		\$14,334,341		\$ -
5	Depreciation/Amortization	\$7,143,688		\$ -		\$7,143,688		\$ -
6	Property taxes	\$222,474		\$ -		\$222,474		\$ -
7	Capital taxes	\$ -		\$ -		\$ -		\$ -
8	Other expense	\$ -		\$ -		\$ -		\$ -
9	Subtotal (lines 4 to 8)	\$21,700,503		\$ -		\$21,700,503		\$ -
10	Deemed Interest Expense	\$4,398,285		(\$4,398,285)		\$ -		\$ -
11	Total Expenses (lines 9 to 10)	\$26,098,789		(\$4,398,285)		\$21,700,503		\$ -
12	Utility income before income taxes	\$6,252,685		(\$27,953,189)		(\$21,700,503)		\$ -
13	Income taxes (grossed-up)	\$1,645,621		\$ -		\$1,645,621		\$ -
14	Utility net income	\$4,607,065		(\$27,953,189)		(\$23,346,124)		\$ -

Notes

(1)	Other Revenues / Revenue Offsets					
	Specific Service Charges	\$956,878	\$ -	\$ -	\$ -	\$ -
	Late Payment Charges	\$518,557	\$ -	\$ -	\$ -	\$ -
	Other Distribution Revenue	\$558,164	\$ -	\$ -	\$ -	\$ -
	Other Income and Deductions	\$152,148	\$ -	\$ -	\$ -	\$ -
	Total Revenue Offsets	\$2,185,747	\$ -	\$ -	\$ -	\$ -



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
 File Number: EB-2010-0138
 Rate Year: 2011

Taxes/PILs

Line No.	Particulars	Application		Per Board Decision	
<u>Determination of Taxable Income</u>					
1	Utility net income before taxes	\$4,607,065		\$ -	\$ -
2	Adjustments required to arrive at taxable utility income	(\$246,948)		\$ -	(\$246,948)
3	Taxable income	\$4,360,116		\$ -	(\$246,948)
<u>Calculation of Utility income Taxes</u>					
4	Income taxes	\$1,180,733		\$1,180,733	\$1,180,733
5	Capital taxes	\$ - (1)		\$ - (1)	\$ - (1)
6	Total taxes	\$1,180,733		\$1,180,733	\$1,180,733
7	Gross-up of Income Taxes	\$464,888		\$464,888	\$464,888
8	Grossed-up Income Taxes	\$1,645,621		\$1,645,621	\$1,645,621
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$1,645,621		\$1,645,621	\$1,645,621
10	Other tax Credits	(\$51,000)		(\$51,000)	(\$51,000)
<u>Tax Rates</u>					
11	Federal tax (%)	16.50%		16.50%	16.50%
12	Provincial tax (%)	11.75%		11.75%	11.75%
13	Total tax rate (%)	28.25%		28.25%	28.25%

Notes

(1) Capital Taxes not applicable after July 1, 2010 (i.e. for 2011 and later test years)



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Initial Application					
		(%)	(\$)	(%)	(\$)
Debt					
1	Long-term Debt	56.00%	\$67,326,624	6.36%	\$4,279,983
2	Short-term Debt	4.00%	\$4,809,045	2.46%	\$118,302
3	Total Debt	60.00%	\$72,135,668	6.10%	\$4,398,285
Equity					
4	Common Equity	40.00%	\$48,090,445	9.58%	\$4,607,065
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$48,090,445	9.58%	\$4,607,065
7	Total	100.00%	\$120,226,114	7.49%	\$9,005,350

		(%)	(\$)	(%)	(\$)
Debt					
1	Long-term Debt	0.00%	\$ -	0.00%	\$ -
2	Short-term Debt	0.00%	\$ -	0.00%	\$ -
3	Total Debt	0.00%	\$ -	0.00%	\$ -
Equity					
4	Common Equity	0.00%	\$ -	0.00%	\$ -
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	0.00%	\$ -	0.00%	\$ -
7	Total	0.00%	\$120,226,114	0.00%	\$ -

Per Board Decision					
		(%)	(\$)	(%)	(\$)
Debt					
8	Long-term Debt	0.00%	\$ -	6.36%	\$ -
9	Short-term Debt	0.00%	\$ -	2.46%	\$ -
10	Total Debt	0.00%	\$ -	0.00%	\$ -
Equity					
11	Common Equity	0.00%	\$ -	9.58%	\$ -
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	0.00%	\$ -	0.00%	\$ -
14	Total	0.00%	\$120,226,114	0.00%	\$ -

Notes

(1) 4.0% unless an Applicant has proposed or been approved for another amount.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

Revenue Sufficiency/Deficiency

Line No.	Particulars	Initial Application		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$3,308,419		(\$5,325,116)
2	Distribution Revenue	\$26,857,308	\$26,857,308	\$26,857,308	\$35,490,843
3	Other Operating Revenue Offsets - net	\$2,185,747	\$2,185,747	\$ -	\$ -
4	Total Revenue	\$29,043,055	\$32,351,474	\$26,857,308	\$30,165,727
5	Operating Expenses	\$21,700,503	\$21,700,503	\$21,700,503	\$21,700,503
6	Deemed Interest Expense	\$4,398,285	\$4,398,285	\$ -	\$ -
	Total Cost and Expenses	\$26,098,789	\$26,098,789	\$21,700,503	\$21,700,503
7	Utility Income Before Income Taxes	\$2,944,267	\$6,252,685	\$5,156,805	\$8,465,224
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$246,948)	(\$246,948)	(\$246,948)	(\$246,948)
9	Taxable Income	\$2,697,318	\$6,005,737	\$4,909,857	\$8,218,275
10	Income Tax Rate	28.25%	28.25%	28.25%	28.25%
11	Income Tax on Taxable Income	\$761,992	\$1,696,621	\$1,387,035	\$2,321,663
12	Income Tax Credits	(\$51,000)	(\$51,000)	(\$51,000)	(\$51,000)
13	Utility Net Income	\$2,233,274	\$4,607,065	\$3,820,770	(\$23,346,124)
14	Utility Rate Base	\$120,226,114	\$120,226,114	\$120,226,114	\$120,226,114
	Deemed Equity Portion of Rate Base	\$48,090,445	\$48,090,445	\$ -	\$ -
15	Income/Equity Rate Base (%)	4.64%	9.58%	0.00%	0.00%
16	Target Return - Equity on Rate Base	9.58%	9.58%	0.00%	0.00%
17	Sufficiency/Deficiency in Return on Equity	-4.94%	0.00%	0.00%	0.00%
18	Indicated Rate of Return	5.52%	7.49%	3.18%	0.00%
19	Requested Rate of Return on Rate Base	7.49%	7.49%	0.00%	0.00%
20	Sufficiency/Deficiency in Rate of Return	-1.97%	0.00%	3.18%	0.00%
21	Target Return on Equity	\$4,607,065	\$4,607,065	\$ -	\$ -
22	Revenue Deficiency/(Sufficiency)	\$2,373,790	\$ -	(\$3,820,770)	\$ -
23	Gross Revenue	\$3,308,419 (1)	\$3,308,419 (1)	(\$5,325,116) (1)	\$21,700,503 (1)

Notes:

(1) Revenue Sufficiency/Deficiency divided by (1 - Tax Rate)



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
 File Number: EB-2010-0138
 Rate Year: 2011

Revenue Requirement

Line No.	Particulars	Application	Per Board Decision
1	OM&A Expenses	\$14,334,341	\$14,334,341
2	Amortization/Depreciation	\$7,143,688	\$7,143,688
3	Property Taxes	\$222,474	\$222,474
4	Capital Taxes	\$ -	\$ -
5	Income Taxes (Grossed up)	\$1,645,621	\$1,645,621
6	Other Expenses	\$ -	\$ -
7	Return		
	Deemed Interest Expense	\$4,398,285	\$ -
	Return on Deemed Equity	\$4,607,065	\$ -
8	Distribution Revenue Requirement before Revenues	\$32,351,474	\$23,346,124
9	Distribution revenue	\$30,165,727	\$ -
10	Other revenue	\$2,185,747	\$ -
11	Total revenue	\$32,351,474	\$ -
12	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	\$ - (1)	(\$23,346,124) (1)

Notes

(1) Line 11 - Line 8



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

Residential

Consumption **800** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 15.9600	1	\$ 15.96	\$ 16.5100	1	\$ 16.51	\$ 0.55	3.45%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0136	800	\$ 10.88	\$ 0.0167	800	\$ 13.36	\$ 2.48	22.79%
6 Low Voltage Rate Adder	per kWh		800	\$ -	\$ 0.0003	800	\$ 0.24	\$ 0.24	
7 Volumetric Rate Adder(s)	per kWh	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
8 Volumetric Rate Rider(s)			800	\$ -		800	\$ -	\$ -	
9 Smart Meter Disposition Rider			800	\$ -		800	\$ -	\$ -	
10 LRAM & SSM Rate Rider			800	\$ -		800	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	-\$ 0.0028	800	-\$ 2.24	-\$ 0.0028	800	-\$ 2.24	\$ -	0.00%
12 Deferral & Variance Acct (kWh) May 2011-April 2012	per kWh	\$ -	800	\$ -	\$ 0.0001	800	\$ 0.08	\$ 0.08	
13 Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	per kWh	\$ 0.0011	800	\$ 0.88	\$ 0.0011	800	\$ 0.88	\$ -	0.00%
14 Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	per kWh	\$ -	800	\$ -	\$ 0.0016	800	\$ 1.28	\$ 1.28	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 26.48			\$ 31.11	\$ 4.63	17.48%
17 RTSR - Network	per kWh	\$ 0.0053	845.76	\$ 4.48	\$ 0.0057	844.7922	\$ 4.79	\$ 0.30	6.80%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0046	845.76	\$ 3.89	\$ 0.0045	844.7922	\$ 3.77	-\$ 0.12	-3.03%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 34.85			\$ 39.67	\$ 4.82	13.82%
20 Wholesale Market Service Charge (WMSR)	per kWh	\$ 0.0052	845.76	\$ 4.40	\$ 0.0052	844.7922	\$ 4.39	-\$ 0.01	-0.11%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	845.76	\$ 1.10	\$ 0.0013	844.7922	\$ 1.10	-\$ 0.00	-0.11%
22 Special Purpose Charge	per kWh	\$ 0.0003725	845.76	\$ 0.32	\$ -	844.7922	\$ -	-\$ 0.32	-100.00%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	845.76	\$ 5.92	\$ 0.0070	844.7922	\$ 5.91	-\$ 0.01	-0.11%
25 Energy	per kWh	\$ 0.0650	845.76	\$ 54.97	\$ 0.0650	844.7922	\$ 54.91	-\$ 0.06	-0.11%
26 Energy		\$ 0.0750	32.8	\$ 2.46	\$ 0.0750	32.8	\$ 2.46	\$ -	0.00%
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 104.27			\$ 108.70	\$ 4.43	4.24%
29 HST		13%		\$ 13.56	13%		\$ 14.13	\$ 0.58	4.24%
30 Total Bill (including Sub-total B)				\$ 117.83			\$ 122.83	\$ 5.00	4.24%
31 Loss Factor (%)	Note 1		5.72%			5.60%			

Notes:

Note 1: Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

General Service < 50 kW

Consumption **2000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 47.2700	1	\$ 47.27	\$ 38.3600	1	\$ 38.36	-\$ 8.91	-18.85%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0100	2000	\$ 20.00	\$ 0.0140	2000	\$ 28.00	\$ 8.00	40.00%
6 Low Voltage Rate Adder	per kWh	\$ -	2000	\$ -	\$ 0.0003	2000	\$ 0.60	\$ 0.60	
7 Volumetric Rate Adder(s)	per kWh	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
8 Volumetric Rate Rider(s)			2000	\$ -		2000	\$ -	\$ -	
9 Smart Meter Disposition Rider			2000	\$ -		2000	\$ -	\$ -	
10 LRAM & SSM Rider			2000	\$ -		2000	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	monthly	-\$ 0.0027	2000	-\$ 5.40	-\$ 0.0027	2000	-\$ 5.40	\$ -	0.00%
12 Deferral & Variance Acct (kWh) May 2011-April 2012	per kWh	\$ -	2000	\$ -	-\$ 0.0013	2000	-\$ 2.60	-\$ 2.60	
13 Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	per kWh	\$ 0.0011	2000	\$ 2.20	\$ 0.0011	2000	\$ 2.20	\$ -	0.00%
14 Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	per kWh	\$ -	2000	\$ -	\$ 0.0019	2000	\$ 3.80	\$ 3.80	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 65.07			\$ 65.96	\$ 0.89	1.37%
17 RTSR - Network	per kWh	\$ 0.0046	2114.4	\$ 9.73	\$ 0.0051	2111.981	\$ 10.84	\$ 1.11	11.44%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0045	2114.4	\$ 9.51	\$ 0.0039	2111.981	\$ 8.25	-\$ 1.26	-13.26%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 84.31			\$ 85.05	\$ 0.74	0.88%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	2114.4	\$ 10.99	\$ 0.0052	2111.981	\$ 10.98	-\$ 0.01	-0.11%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2114.4	\$ 2.75	\$ 0.0013	2111.981	\$ 2.75	-\$ 0.00	-0.11%
22 Special Purpose Charge	per kWh	\$ 0.0003725	2114.4	\$ 0.79	\$ -	2111.981	\$ -	-\$ 0.79	-100.00%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2114.4	\$ 14.80	\$ 0.0070	2111.981	\$ 14.78	-\$ 0.02	-0.11%
25 Energy	per kWh	\$ 0.0650	2114.4	\$ 137.44	\$ 0.0650	2111.981	\$ 137.28	-\$ 0.16	-0.11%
26 Energy		\$ 0.0750	201.87	\$ 15.14	\$ 0.0750	201.87	\$ 15.14	\$ -	0.00%
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 266.47			\$ 266.23	-\$ 0.24	-0.09%
29 HST		13%		\$ 34.64	13%		\$ 34.61	-\$ 0.03	-0.09%
30 Total Bill (including Sub-total B)				\$ 301.11			\$ 300.84	-\$ 0.27	-0.09%
31 Loss Factor	Note 1		5.72%			5.60%			

Notes:

Note 1: See Note 1 from Sheet 1A. Bill Impacts - Residential





REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

Residential

Consumption **800** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 10.0400	1	\$ 10.04	\$ 16.5100	1	\$ 16.51	\$ 6.47	64.44%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0180	800	\$ 14.40	\$ 0.0167	800	\$ 13.36	-\$ 1.04	-7.22%
6 Low Voltage Rate Adder	per kWh	\$ 0.0023	800	\$ 1.84	\$ 0.0003	800	\$ 0.24	-\$ 1.60	-86.96%
7 Volumetric Rate Adder(s)	per kWh	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
8 Volumetric Rate Rider(s)			800	\$ -		800	\$ -	\$ -	
9 Smart Meter Disposition Rider			800	\$ -		800	\$ -	\$ -	
10 LRAM & SSM Rate Rider			800	\$ -		800	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	-\$ 0.0064	800	-\$ 5.12	-\$ 0.0064	800	-\$ 5.12	\$ -	0.00%
12 Deferral & Variance Acct (kWh) May 2011-April 2012		\$ -	800	\$ -	\$ 0.0001	800	\$ 0.08	\$ 0.08	
13 Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.		\$ 0.0007	800	\$ 0.56	\$ 0.0007	800	\$ 0.56	\$ -	0.00%
14 Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.		\$ -	800	\$ -	\$ 0.0016	800	\$ 1.28	\$ 1.28	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 22.72			\$ 27.91	\$ 5.19	22.84%
17 RTSR - Network	per kWh	\$ 0.0052	848.08	\$ 4.41	\$ 0.0057	844.7922	\$ 4.79	\$ 0.38	8.56%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	848.08	\$ 4.33	\$ 0.0045	844.7922	\$ 3.77	-\$ 0.55	-12.77%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 31.46			\$ 36.47	\$ 5.01	15.94%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	848.08	\$ 4.41	\$ 0.0052	844.7922	\$ 4.39	-\$ 0.02	-0.39%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	848.08	\$ 1.10	\$ 0.0013	844.7922	\$ 1.10	-\$ 0.00	-0.39%
22 Special Purpose Charge	per kWh	\$ 0.0003725	848.08	\$ 0.32	\$ -	844.7922	\$ -	-\$ 0.32	-100.00%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	848.08	\$ 5.94	\$ 0.0070	844.7922	\$ 5.91	-\$ 0.02	-0.39%
25 Energy	per kWh	\$ 0.0650	848.08	\$ 55.13	\$ 0.0650	844.7922	\$ 54.91	-\$ 0.21	-0.39%
26 Energy	per kWh	\$ 0.0750	33.07	\$ 2.48	\$ 0.0750	33.07	\$ 2.48	\$ -	0.00%
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 101.08			\$ 105.52	\$ 4.44	4.39%
29 HST		13%		\$ 13.14	13%		\$ 13.72	\$ 0.58	4.39%
30 Total Bill (including Sub-total B)				\$ 114.22			\$ 119.23	\$ 5.01	4.39%
31 Loss Factor (%)	Note 1		6.01%				5.60%		

Notes:

Note 1: Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

Residential

Consumption **800** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 10.6500	1	\$ 10.65	\$ 16.5100	1	\$ 16.51	\$ 5.86	55.02%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0134	800	\$ 10.72	\$ 0.0167	800	\$ 13.36	\$ 2.64	24.63%
6 Low Voltage Rate Adder	per kWh	\$ 0.0022	800	\$ 1.76	\$ 0.0003	800	\$ 0.24	-\$ 1.52	-86.36%
7 Volumetric Rate Adder(s)	per kWh	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	
8 Volumetric Rate Rider(s)			800	\$ -		800	\$ -	\$ -	
9 Smart Meter Disposition Rider			800	\$ -		800	\$ -	\$ -	
10 LRAM & SSM Rate Rider			800	\$ -		800	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	monthly	-\$ 0.0064	800	-\$ 5.12	-\$ 0.0064	800	-\$ 5.12	\$ -	0.00%
12 Deferral & Variance Acct (kWh) May 2011-April 2012		\$ -	800	\$ -	\$ 0.0001	800	\$ 0.08	\$ 0.08	
13 Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.		\$ 0.0007	800	\$ 0.56	\$ 0.0007	800	\$ 0.56	\$ -	0.00%
14 Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.		\$ -	800	\$ -	\$ 0.0016	800	\$ 1.28	\$ 1.28	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 19.57			\$ 27.91	\$ 8.34	42.62%
17 RTSR - Network	per kWh	\$ 0.0052	848.08	\$ 4.41	\$ 0.0057	844.7922	\$ 4.79	\$ 0.38	8.56%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	848.08	\$ 4.33	\$ 0.0045	844.7922	\$ 3.77	-\$ 0.55	-12.77%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 28.31			\$ 36.47	\$ 8.16	28.85%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	848.08	\$ 4.41	\$ 0.0052	844.7922	\$ 4.39	-\$ 0.02	-0.39%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	848.08	\$ 1.10	\$ 0.0013	844.7922	\$ 1.10	-\$ 0.00	-0.39%
22 Special Purpose Charge	per kWh	\$ 0.0003725	848.08	\$ 0.32	\$ -	844.7922	\$ -	-\$ 0.32	-100.00%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	848.08	\$ 5.94	\$ 0.0070	844.7922	\$ 5.91	-\$ 0.02	-0.39%
25 Energy	per kWh	\$ 0.0650	848.08	\$ 55.13	\$ 0.0650	844.7922	\$ 54.91	-\$ 0.21	-0.39%
26 Energy	per kWh	\$ 0.0750	33.07	\$ 2.48	\$ 0.0750	33.07	\$ 2.48	\$ -	0.00%
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 97.93			\$ 105.52	\$ 7.59	7.75%
29 HST		13%		\$ 12.73	13%		\$ 13.72	\$ 0.99	7.75%
30 Total Bill (including Sub-total B)				\$ 110.66			\$ 119.23	\$ 8.57	7.74%
31 Loss Factor (%)	Note 1		6.01%			5.60%			

Notes:

Note 1: Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

General Service < 50 kW

Consumption **2000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly	\$ 10.3500	1	\$ 10.35	\$ 38.3600	1	\$ 38.36	\$ 28.01	270.63%
2 Smart Meter Rate Adder	monthly	\$ 1.0000	1	\$ 1.00	\$ 1.0000	1	\$ 1.00	\$ -	0.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Service Charge Rate Rider(s)			1	\$ -		1	\$ -	\$ -	
5 Distribution Volumetric Rate	per kWh	\$ 0.0176	2000	\$ 35.20	\$ 0.0140	2000	\$ 28.00	\$ -7.20	-20.45%
6 Low Voltage Rate Adder	per kWh	\$ 0.0018	2000	\$ 3.60	\$ 0.0003	2000	\$ 0.60	\$ -3.00	-83.33%
7 Volumetric Rate Adder(s)	per kWh	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
8 Volumetric Rate Rider(s)			2000	\$ -		2000	\$ -	\$ -	
9 Smart Meter Disposition Rider			2000	\$ -		2000	\$ -	\$ -	
10 LRAM & SSM Rider			2000	\$ -		2000	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	-\$ 0.0065	2000	-\$ 13.00	-\$ 0.0065	2000	-\$ 13.00	\$ -	0.00%
12 Deferral & Variance Acct (kWh) May 2011-April 2012		\$ -	2000	\$ -	-\$ 0.0013	2000	-\$ 2.60	\$ -2.60	
13 Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.		\$ 0.0007	2000	\$ 1.40	\$ 0.0007	2000	\$ 1.40	\$ -	0.00%
14 Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.		\$ -	2000	\$ -	\$ 0.0019	2000	\$ 3.80	\$ 3.80	
15				\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution				\$ 38.55			\$ 57.56	\$ 19.01	49.31%
17 RTSR - Network	per kWh	\$ 0.0047	2120.2	\$ 9.96	\$ 0.0051	2111.981	\$ 10.84	\$ 0.87	8.77%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0045	2120.2	\$ 9.54	\$ 0.0039	2111.981	\$ 8.25	\$ -1.29	-13.50%
19 Sub-Total B - Delivery (including Sub-Total A)				\$ 58.06			\$ 76.65	\$ 18.60	32.03%
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	2120.2	\$ 11.03	\$ 0.0052	2111.981	\$ 10.98	\$ -0.04	-0.39%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2120.2	\$ 2.76	\$ 0.0013	2111.981	\$ 2.75	\$ -0.01	-0.39%
22 Special Purpose Charge	per kWh	\$ 0.0003725	2120.2	\$ 0.79	\$ -	2111.981	\$ -	\$ -0.79	-100.00%
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2120.2	\$ 14.84	\$ 0.0070	2111.981	\$ 14.78	\$ -0.06	-0.39%
25 Energy	per kWh	\$ 0.0650	2120.2	\$ 137.81	\$ 0.0650	2111.981	\$ 137.28	\$ -0.53	-0.39%
26 Energy	per kWh	\$ 0.0750	202.8	\$ 15.21	\$ 0.0750	201.6	\$ 15.12	\$ -0.09	-0.59%
27				\$ -			\$ -	\$ -	
28 Total Bill (before Taxes)				\$ 240.74			\$ 257.81	\$ 17.07	7.09%
29 HST		13%		\$ 31.30	13%		\$ 33.52	\$ 2.22	7.09%
30 Total Bill (including Sub-total B)				\$ 272.04			\$ 291.33	\$ 19.29	7.09%

31 Loss Factor

Note 1

6.01%

5.60%

Notes:

Note 1: See Note 1 from Sheet 1A. Bill Impacts - Residential