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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. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2011.

**DRAFT RATE ORDER** 

Filed: June 1, 2011

INTRODUCTION

Niagara Peninsula Energy Inc. ("NPEI") is a medium sized LDC in the Province of Ontario and is responsible for providing regulated electricity distribution services to over 52,000 residential and business customers in the City of Niagara Falls, the Town of Lincoln, the Township of West Lincoln and the Town of Pelham. Niagara Peninsula Energy Inc. ("NPEI") owns and operates the electricity distribution system within its licensed service area of approximately 827 square kilometers within its

service territory.

Niagara Peninsula Energy Inc. ("Niagara Peninsula") filed an application with the

Ontario Energy Board received on November 26, 2010, under section 78 of the Ontario Energy Board Act, 1998, seeking approval for changes to the rates that Niagara Peninsula charges for electricity distribution, to be effective May 1, 2011. The Board has assigned the application File Number EB-

2010-0138.

The Board issued a Notice of Application and Hearing on December 16, 2010. Energy Probe Research Foundation ("Energy Probe"), the School Energy Coalition ("SEC"), and the Vulnerable Energy Consumers Coalition ("VECC") applied for intervenor status and cost eligibility. Mr. Jacob Birch requested intervenor status and did not apply for cost eligibility. Ms. Marie Goertzen applied for observer status. The Board determined that Mr. Birch, Energy Probe, SEC, and VECC were granted intervenor status, and Ms. Goertzen was granted observer status.

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The Board issued Procedural Order No. 1 on January 20, 2011, in which it approved the Intervenors to this proceeding, and scheduled February 2, 2011 as the date for Board staff written interrogatories, February 7, 2011 as the date for Intervenors' written interrogatories, and February 25, 2011 for Niagara Peninsula Energy responses. Niagara Peninsula Energy filed its responses to the interrogatories from Board Staff, SEC and VECC on February 23, 2011 and requested an extension to March 4, 2011 for interrogatories from Energy Probe. Niagara Peninsula Energy filed its responses to interrogatories from Energy Probe on March 1, 2011.

The Board issued Procedural Order No. 2 on March 9, 2011, scheduling a Technical Conference for March 28, 2011 and a Settlement Conference for April 18, 2011 (continuing on April 19, 2011 if necessary); and May 4, 2011 for filing a Settlement Proposal. The Technical Conference was held as scheduled on March 28, 2011. The evidence in this proceeding (referred to here as the "Evidence") consists of the Application and Niagara Peninsula Energy's responses to both the initial interrogatories and the questions provided to Niagara Peninsula Energy prior to and during the Technical Conference and its responses to the Undertakings given during the Technical Conference. It also includes the Appendices to this Agreement.

The Settlement Conference was duly convened on April 18, 2011 in accordance with Procedural Order No. 2, with Mr. Chris Haussmann as facilitator. The Settlement Conference concluded on April 19, 2011. Niagara Peninsula Energy and the following Intervenors (the "Intervenors" and collectively including Niagara Peninsula the "Parties") participated in the Settlement Conference:

**Energy Probe** 

**SEC** 

**VECC** 

Representatives of the Applicant and all intervenors, with the exception of Mr. Birch, participated in the Settlement Conference.

The Parties that participated in the settlement conference reached a comprehensive settlement in this proceeding, and the settlement agreement was filed in accordance with Procedural Order No. 2 on May 4, 2011. The parties reached a settlement on all issues with the exception of the following:

- 1. Long term debt rate on affiliated debt
- 2. Effective date of rates

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On May 16, 2011, the Board issued its Decision on Partial Settlement and Procedural Order No.3.

The Parties explicitly requested that the Board consider and accept the Agreement as a package, with the exception of one issue which was severable. The Parties agreed that they would be bound by the rest of the Agreement even if the Board were to not accept the agreement on this issue. The issue was a proposed increase in the Monthly Variable Retail Service Charge from \$0.50 to \$1.56 per customer per month. The Parties requested an opportunity to make written submissions on this issue in the event that the Board were to reject the proposed increase.

The Board accepted the Partial Agreement as filed on May 4, 2011 except for the increase in the Monthly Variable Retail Service Charge.

The Board noted that the current approved Monthly Variable Charge of \$0.50 per customer per month was set in March 2001 in the Electricity Distribution Rate Handbook, and that Niagara Peninsula did not request any changes to this charge in its application. Further, the Board noted that section 4.2(b) of the Retail Settlement Code requires that a distributor enter into a Service Agreement with each licensed retailer. While the Board recognizes that the parties to this proceeding have agreed that a Monthly Variable Retail Service Charge of \$1.56 would be appropriate the Board can not approve the amount as notice was not provided to affected parties, specifically retailers, as required by the Retail Settlement Code. The Board encourages Niagara to ensure notice is provided to retailers, before seeking Board approval, in order to revise the amount of the Monthly Variable Retail Service Charge to more closely reflect the actual costs of providing services.

The Board found that the Monthly Variable Retail Service Charge shall remain unchanged at \$0.50 per customer per month where applicable and the Board did not require submissions from the parties on this point.

On the matter of the two unsettled issues, the Board agreed that the unsettled issues would be dealt with by way of written submissions.

Niagara Peninsula Energy filed with the Board its Argument in Chief on May 18, 2011. The Intervenors filed their final arguments to the Argument in Chief on May 20, 2011. Board Staff did not file a final argument to the Argument in Chief.

Niagara Peninsula Energy filed with the Board its written reply submission addressing the issues raised by the Intervenors in their final argument on May 25, 2011.

On May 30, 2011, the OEB issued its Decision and Order (the "Decision") on Niagara Peninsula Energy Inc.'s Application. In that Decision the Board found that the deemed rate of 5.32% should be

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used for the purpose of setting rates through this cost of service application for the two long-term promissory notes entered into with affiliates. The Board agrees with the submissions of parties that the terms of the notes make them callable on demand. The Board also agrees with SEC that the express terms of the notes make them variable. This is important as the 2009 Report of the Board, makes it clear that the deemed long-term debt rate will be a ceiling on the rate allowed for such debt. As such for any 2011 cost of service application with an effective date of May 1, 2011, the deemed long term debt rate is 5.32%.

The Board also observed that it is incumbent on the distributor to review its debt transactions with affiliates, just as it would with third party lenders, to ensure that the rate is reasonable. A rate of 7.25% in 2011 is not reasonable as demonstrated by Niagara Peninsula's ability to secure debt from third parties at rates ranging from 4.58% to 6.44%.

With respect to the issue regarding the effective date the Board recognized that Niagara Peninsula's cost of service application was complicated by virtue of the amalgamation of Niagara Falls Hydro and Peninsula West Utilities. In addition, the Board commended the Applicant for the high quality of its application, its thorough approach in responding to interrogatories and its co-operative conduct throughout the technical and settlement conferences. However, these factors are insufficient to cause the Board to depart from its current practice of setting the effective date for new rates to be the first day of the month following issuance of the decision. The amalgamation was not a recent event, having been completed more than two years prior to the scheduled filing date for this cost of service application. Further, the date for filing applications was announced with sufficient notice such that a filing in August of 2010 would have been possible.

The Board therefore found that the effective date for new rates shall be June 1st, 2011.

On June 9, 2011, Board Staff filed a Supplemental Comment on the Draft Rate Order with respect to the Board's decision on the Late Payment Penalty ("LPP") class action settlement in the EB-2010-0295 proceeding.

Board Staff noted that NPEI has received approval from the Board to recover the costs and damages arising from the LPP class action settlement in the EB-2010-0295 proceeding, and that the Draft Rate Order does not include the LPP Rate Riders that NPEI filed on March 1, 2011. Further, Staff indicated that they have reviewed the rate rider calculations submitted by NPEI on March 1, 2011, and concurs that they are consistent with the Board's Decision and Order in EB-2010-0295. Staff therefore submits that the rate riders filed by NPEI should be included in the Rate Order.

NPEI agrees with Board Staff that the LPP Rate Riders, as filed on March 1, 2011, should be included in the Rate Order. NPEI has revised the Final Draft Rate Order to include the LPP Rate Riders.

The following Table 1 highlights the impact resulting from the Decision and Order:

Table 1

				N . O	N . O
				Net Change	Net Change
				Settlement to	Application to
	Original As per	Settlement	Decision and	Decision &	Decision &
	Application	Submission	Order	Rate Order	Rate Order
Cost of Capital					
Long-Term Debt -Effective Rate	6.36%	6.36%	5.16%	(1.20)	(1.20)
Short-Term Debt Rate	2.07%	2.46%	2.46%	-	0.39
Return on Equity	9.85%	9.58%	9.58%	-	(0.27)
Weighted Debt Rate	6.07%	6.10%	4.98%	(1.12)	(1.10)
Regulated Rate of Return	7.58%	7.49%	6.82%	(0.67)	(0.77)
Deemed Interest	4,340,146	4,374,198	3,569,353	(804,845)	(770,792)
Revenue Deficiency					
Utility Net Earnings - Proposed Rates	4,694,311	4,581,834	4,581,834	(0)	(112,477)
Utility Net Earnings - Assuming Existing Rates	2,242,997	2,481,165	3,070,419	589,254	827,422
Revenue Deficiency Before Tax - Assuming Existing Rates	3,378,275	2,869,242	2,064,398	(804,844)	(1,313,877)
Revenue Deficiency After Tax - Assuming Existing Rates	2,451,313	2,100,669	1,511,415	(589,254)	(939,898)

The allocation of the approved Revenue Requirement to classes is summarized in Table 2:

Table 2

Customer Class	Total Fixed Distribution Revenue	otal Variable tributionReve nue	Total Net Rev. Requirement		ransformer Allowance	Gro	ess Distribution Revenue	& Wheeling Charges	Total
Residential	\$ 8,791,085	\$ 7,287,338	16,078,423				16,078,423	212,506	16,290,928
GS < 50 kW	\$ 1,920,401	\$ 1,643,168	3,563,569				3,563,569	49,151	3,612,720
GS >50	\$ 1,801,840	\$ 7,207,362	9,009,202	\$	392,476		9,401,678	289,496	9,691,174
Sentinel Lights	\$ 46,027	\$ 6,920	52,947				52,947	108	53,055
Street Lighting	\$ 112,969	\$ 59,840	172,809				172,809	2,459	175,268
USL	\$ 106,053	\$ 31,018	137,071				137,071	961	138,031
TOTAL	\$ 12,778,374	\$ 16,235,646	29,014,020	\$	392,476	\$	29,406,496	\$ 554,681	\$ 29,961,177
	43.454%	55.211%	1.335%	)	100.000%				

The fixed and variable rates by rate class are summarized in Table 3:

Table 3

	Fixed Rates	Variable Rates	Fixed Rates	Variable Rates	Fixed Rates	Variable Rates
	per	per	per	per	per	per
	Application	Application	Settlement	Settlement	Rate Order	Rate Order
Residential	16.55	0.0170	16.05	0.1620	15.62	0.0157
GS<50	38.45	0.0144	37.79	0.0138	36.77	0.0134
GS>50	222.81	4.1353	179.88	4.3048	177.00	4.1794
Sentinel	7.19	9.0642	7.05	8.8092	6.85	8.5542
Street Lighting	0.80	3.2199	0.78	3.0654	0.76	2.9760
USL	19.87	0.0142	19.52	0.0136	19.00	0.0133

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Niagara Peninsula Energy Inc. has provided the following supporting documentation:

Appendix A	Draft Tariff of Rates and Charges
Appendix B	Bill Impact Summary
Appendix C	Settlement Agreement, Including Revenue Requirement Work Form
Appendix D	Final Revenue Requirement Work Form
Appendix E	Final Cost of Capital, Revenue Deficiency, Revenue to Cost Ratios, Fixed Charge Analysis and Three year summary of Revenue to Cost Ratios

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**Appendix A – Draft Tariff of Rates and Charges** 

# Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### RESIDENTIAL SERVICE CLASSIFICATION

This class pertains to customers residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, where energy is supplied single-phase, three wire, 60 hertz, having a normal voltage of 120/240 volts. Large residential services will include all services from 201 amp up to and including 400 amp, 120/240 volt, single phase, three wire. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be changed by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

Service Charge	\$ per month	15.62
Smart Meter Rate Rider	\$ per month	1.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.17
Distribution Volumetric Rate	\$/kWh	0.0157
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0028)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0001
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0011
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0016
Low Voltage Rate Rider	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### RESIDENTIAL SERVICE CLASSIFICATION

This class pertains to customers residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, where energy is supplied single-phase, three wire, 60 hertz, having a normal voltage of 120/240 volts. Large residential services will include all services from 201 amp up to and including 400 amp, 120/240 volt, single phase, three wire. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Service Charge	\$ per month	15.62
Smart Meter Rate Rider	\$ per month	1.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.16
Distribution Volumetric Rate	\$/kWh	0.0157
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0064)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0001
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0007
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0016
Low Voltage Rate Rider	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This class pertains to a non residential customers taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Service Charge	\$ per month	36.77
Smart Meter Rate Rider	\$ per month	1.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.46
Distribution Volumetric Rate	\$/kWh	0.0134
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0027)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	(0.0013)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0011
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0019
Low Voltage Rate Rider	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This class pertains to a non residential customers taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012 \$ per month 0.34 Distribution Volumetric Rate \$ \( \) \( \	Service Charge	\$ per month	36.77
Distribution Volumetric Rate  Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012  Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012  Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012  Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012  Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012  S/kWh  0.0005  Retail Transmission Rate – Network Service Rate  Retail Transmission Rate – Line and Transformation Connection Service Rate  Wholesale Market Service Rate  Rural Rate Protection Charge  \$/kWh  0.0052	Smart Meter Rate Rider	\$ per month	1.00
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012 \$/kWh (0.0065) Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012 \$/kWh (0.0013) Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012 \$/kWh 0.0007 Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012 \$/kWh 0.0015 Low Voltage Rate Rider \$/kWh 0.0005 Retail Transmission Rate – Network Service Rate \$/kWh 0.0055 Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.0055 Rural Rate Protection Charge \$/kWh 0.0055	Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.34
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012 \$/kWh (0.0013 Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012 \$/kWh 0.0007 Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012 \$/kWh 0.0018 Low Voltage Rate Rider \$/kWh 0.0005 Retail Transmission Rate – Network Service Rate \$/kWh 0.0055 Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.0055 Rural Rate Protection Charge \$/kWh 0.0055	Distribution Volumetric Rate	\$/kWh	0.0134
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012 \$/kWh 0.0007 Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012 \$/kWh 0.0018 Low Voltage Rate Rider \$/kWh 0.0005 Retail Transmission Rate – Network Service Rate \$/kWh 0.0055 Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.0055 Rural Rate Protection Charge \$/kWh 0.0055 \$/kWh 0.0055 Rural Rate Protection Charge	Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0065)
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012 \$/kWh 0.0015 Low Voltage Rate Rider \$/kWh 0.0005 Retail Transmission Rate – Network Service Rate \$/kWh 0.0055 Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.0040 Wholesale Market Service Rate \$/kWh 0.0055 Rural Rate Protection Charge \$/kWh 0.0013	Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	(0.0013)
Low Voltage Rate Rider \$/kWh 0.0005 Retail Transmission Rate – Network Service Rate \$/kWh 0.0055 Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.0040 Wholesale Market Service Rate \$/kWh 0.0052 Rural Rate Protection Charge \$/kWh 0.0013	Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0007
Retail Transmission Rate – Network Service Rate\$/kWh0.0056Retail Transmission Rate – Line and Transformation Connection Service Rate\$/kWh0.0040Wholesale Market Service Rate\$/kWh0.0052Rural Rate Protection Charge\$/kWh0.0013	Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0019
Retail Transmission Rate – Line and Transformation Connection Service Rate  \$\/k\Wh  \text{Wh} 0.0040  \text{Wholesale Market Service Rate} \$\/k\Wh  0.0052  \text{Rural Rate Protection Charge} \$\/k\Wh  0.0013	Low Voltage Rate Rider	\$/kWh	0.0005
Wholesale Market Service Rate \$/kWh 0.0052 Rural Rate Protection Charge \$/kWh 0.0013	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Rural Rate Protection Charge \$/kWh 0.0013	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Ψ	Wholesale Market Service Rate	\$/kWh	0.0052
Standard Supply Service – Administrative Charge (if applicable)	Rural Rate Protection Charge	\$/kWh	0.0013
Ottariaara Suppry Scrivice Mariningrative Strange (ii applicable)	Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### **GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be changed by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

Service Charge	\$ per month	177.00
Smart Meter Rate Rider	\$ per month	1.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	5.14
Distribution Volumetric Rate	\$/kW	4.1794
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(1.1600)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	(0.6074)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.4244
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.6398
Low Voltage Rate Rider	\$/kW	0.1592
Retail Transmission Rate – Network Service Rate	\$/kW	2.2593
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5665
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### **GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Service Charge	\$ per month	177.00
Smart Meter Rate Rider	\$ per month	1.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 201	12 \$ per month	6.45
Distribution Volumetric Rate	\$/kW	4.1794
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(1.9651)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	(0.6074)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.3116
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.6398
Low Voltage Rate Rider	\$/kW	0.1592
Retail Transmission Rate – Network Service Rate	\$/kW	2.2593
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5665
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/ consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Service Charge (per connection)	\$ per month	19.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.18
Distribution Volumetric Rate	\$/kWh	0.0133
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0027)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	(0.0005)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0011
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0016
Low Voltage Rate Rider	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/ consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Service Charge (per connection)	\$ per month	19.00
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.10
Distribution Volumetric Rate	\$/kWh	0.0133
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kWh	(0.0064)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kWh	(0.0005)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kWh	0.0010
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kWh	0.0016
Low Voltage Rate Rider	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Service Charge (per connection)	\$ per month	6.85
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.01
Distribution Volumetric Rate	\$/kW	8.5542
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(1.2973)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	2.1490
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.3939
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.9780
Low Voltage Rate Rider	\$/kW	0.1330
Retail Transmission Rate – Network Service Rate	\$/kW	1.6727
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3090
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Service Charge (per connection)	\$ per month	6.85
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.01
Distribution Volumetric Rate	\$/kW	8.5542
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(2.2732)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	2.1490
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.2799
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.9780
Low Voltage Rate Rider	\$/kW	0.1330
Retail Transmission Rate – Network Service Rate	\$/kW	1.6727
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3090
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## Niagara Peninsula Energy Inc. – Niagara Falls DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. Street lighting profile is derived through the use of a "virtual streetlight meter" that uses a street light control eye, consistent with the model type and product manufacturer of devices currently in service in the Applicant's distribution area, to simulate the exact daily conditions that the typical street light is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor's daily interval meter interrogation, validation and processing procedures. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Service Charge (per connection)	\$ per month	0.76
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.00
Distribution Volumetric Rate	\$/kW	2.9760
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(0.5038)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	(0.6325)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.0000
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.6613
Low Voltage Rate Rider	\$/kW	0.1223
Retail Transmission Rate – Network Service Rate	\$/kW	1.7080
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2035
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Niagara Peninsula Energy Inc. – Peninsula West DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. Street lighting profile is derived through the use of a "virtual streetlight meter" that uses a street light control eye, consistent with the model type and product manufacturer of devices currently in service in the Applicant's distribution area, to simulate the exact daily conditions that the typical street light is exposed to. This simulated street light load is captured using an interval metering device, and is processed as part of the distributor's daily interval meter interrogation, validation and processing procedures. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Service Charge (per connection)	\$ per month	0.76
Rate Rider for Recovery of Late Payment Penalty Litigation Costs - effective until April 30, 2012	\$ per month	0.00
Distribution Volumetric Rate	\$/kW	2.9760
Distribution Volumetric Deferral Account Rate Rider (2010) – effective until April 30, 2012	\$/kW	(2.1909)
Distribution Volumetric Deferral Account Rate Rider (2011) – effective until April 30, 2012	\$/kW	(0.6325)
Non-RPP Global Adjustment Rate Rider (2010) – effective until April 30, 2012	\$/kW	0.0000
Non-RPP Global Adjustment Rate Rider (2011) – effective until April 30, 2012	\$/kW	0.6613
Low Voltage Rate Rider	\$/kW	0.1223
Retail Transmission Rate – Network Service Rate	\$/kW	1.7080
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2035
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# Niagara Peninsula Energy Inc. DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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### **MONTHLY RATES AND CHARGES**

Service Charge (per connection) delivery component - effective September 21, 2009

\$ per month

5.25

# Niagara Peninsula Energy Inc. DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### SPECIFIC SERVICE CHARGES

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or finished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customor	Administration	
Customer	Administration	

Returned cheque charge (plus bank charges)	\$	20.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Other		
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

### **Allowances**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

# Niagara Peninsula Energy Inc. DRAFT TARIFF OF RATES AND CHARGES Effective Date June 1, 2011

### RETAIL SERVICE CHARGES (if applicable)

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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### Retail Service Charges (if applicable)

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributo	r an \$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Ret	ail	
Settlement Code directly to retailers and customers, if not delivered electronically through	the	
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0560
Total Loss Factor - Primary Metered Customer < 5.000 kW	1.0454

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**Appendix B – Bill Impact Summary** 

### NIAGARA FALLS BILL IMPACTS (Monthly Consumptions)

		ı	RESIDE	NTIAL							
			2010 BI	LL		2011 BII	LL	IMPACT			
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bil	
Consumption	Monthly Service Charge			15.96			15.62	(0.34)	(2.13%)	49.56%	
100 kWh	Distribution (kWh)	100	0.0136	1.36	100	0.0157	1.57	0.21	15.44%	4.98%	
	Low Voltage Rider (kWh)	100	0.0000	0.00	100	0.0005	0.05	0.05	#DIV/0!	0.16%	
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	3.17%	
	LRAM & SSM Rider (kWh)	100		0.00	100	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	100	(0.0028)	(0.28)	100	(0.0028)	(0.28)	0.00	0.00%	(0.89%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	100		0.00	100	0.0001	0.01	0.01	#DIV/0!	0.03%	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	100	0.0011	0.11	100	0.0011	0.11	0.00	0.00%	0.35%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	100		0.00	100	0.0016	0.16	0.16	#DIV/0!	0.51%	
	Distribution Sub-Total			18.15			18.24	0.09	0.50%	57.88%	
	Retail Transmisssion (kWh)	106	0.0099	1.05	106	0.0105	1.11	0.06	6.07%	3.52%	
	Delivery Sub-Total			19.20			19.35	0.15	0.80%	61.40%	
	Other Charges (kWh)	106	0.0139	1.47	106	0.0135	1.43	(0.04)	(2.80%)	4.52%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.79%	
	Cost of Power Commodity (kWh)	106	0.0650	6.87	106	0.0650	6.86	(0.01)	(0.11%)	21.78%	
	Total Bill Before Taxes			27.79			27.89	0.10	0.38%	88.50%	
	HST		13.00%	3.61		13.00%	3.63	0.01	0.38%	11.50%	
	Total Bill			31.40			31.52	0.12	0.38%	100.00%	

		F	RESIDE	NTIAL								
	2010 BILL 2011 BILL IMPACT											
		Volume RATE CHARG			Volume	RATE \$	CHARGE \$	Change Change %		% of Total Bill		
Consumption	Nonthly Service Charge			15.96			15.62	(0.34)	(2.13%)	31.12%		
250 kWh	Distribution (kWh)	250	0.0136	3.40	250	0.0157	3.93	0.53	15.44%	7.82%		
L	ow Voltage Rider (kWh)	250	0.0000	0.00	250	0.0005	0.13	0.13	#DIV/0!	0.25%		
s	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	1.99%		
L	RAM & SSM Rider (kWh)	250		0.00	250	0.0000	0.00	0.00	#DIV/0!	0.00%		
	Deferrral & Variance Acct (kWh) May 1010-April 2012	250	(0.0028)	(0.70)	250	(0.0028)	(0.70)	0.00	0.00%	(1.39%)		
2	Deferrral & Variance Acct (kWh) May 1011-April 2012	250		0.00	250	0.0001	0.03	0.03	#DIV/0!	0.05%		
	Global Adjustmenr Rate Rider (kWh) May 1010 - April 2012 Non-RPP Only.	250	0.0011	0.28	250	0.0011	0.28	0.00	0.00%	0.55%		
	Global Adjustmenr Rate Rider (kWh) May 1011 - April 2012 Non-RPP Only.	250		0.00	250	0.0016	0.40	0.40	#DIV/0!	0.80%		
	Distribution Sub-Total			19.94			20.67	0.73	3.69%	41.18%		
R	Retail Transmisssion (kWh)	264	0.0099	2.62	264	0.0105	2.78	0.16	6.07%	5.53%		
	Delivery Sub-Total			22.55			23.45	0.89	3.96%	46.71%		
c	Other Charges (kWh)	264	0.0139	3.67	264	0.0135	3.56	(0.10)	(2.80%)	7.10%		
C	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.50%		
c	Cost of Power Commodity (kWh)	264	0.0650	17.18	264	0.0650	17.16	(0.02)	(0.11%)	34.19%		
	Total Bill Before Taxes			43.65			44.42	0.77	1.77%	88.50%		
Н	IST		13.00%	5.67		13.00%	5.77	0.10	1.77%	11.50%		
	Total Bill			49.32			50.19	0.87	1.77%	100.00%		

#### RESIDENTIAL 2010 BILL 2011 BILL **IMPAC1** CHARGE Volume Volume % of Total Bill Consumption Monthly Service Charge 15.96 15.62 19.21% 500 kWh 500 Distribution (kWh) 500 0.0136 6.80 0.0157 7.85 1.05 15,44% 9.65% Low Voltage Rider (kWh) 500 0.0000 0.00 500 0.0005 0.25 0.25 #DIV/0! 0.31% Smart Meter Rider (per month) 1.00 1.00 0.00 0.00% 1.23% LRAM & SSM Rider (kWh) 500 500 0.0000 0.00% 0.00 0.00 0.00 #DIV/0! Deferrral & Variance Acct (kWh) May 500 (0.0028) (1.40)500 (0.0028) (1.40)0.00 0.00% (1.72%)2010-April 2012 Deferrral & Variance Acct (kWh) May 500 0.00 500 0.0001 0.05 0.05 #DIV/0! 0.06% 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Ma 500 0.0011 0.55 500 0.0011 0.55 0.00 0.00% 0.68% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only. #DIV/0! 500 0.00 500 0.0016 0.80 0.80 0.98% 22.91 24.72 1.81 7.90% 30.40% Distribution Sub-Total Retail Transmisssion (kWh) 529 5.23 528 0.0105 5.55 0.32 6.07% 6.83% Delivery Sub-Total 28.14 30.27 2.13 7.56% 37.22% 528 0.0135 Other Charges (kWh) 529 0.0139 7.33 8.76% 7.13 Other Charges (per month) 0.25 0.25 0.00 0.00% 0.31% 529 34.36 528 Cost of Power Commodity (kWh) 0.0650 0.0650 34.32 42.20% **Total Bill Before Taxes** 70.09 71.97 1.88 2.69% 88.50% HST 13.00% 2.69% Total Bill 81.32 2.13 2.69% 100.00% 79.20

		ı	RESIDE	NTIAL						
			2010 BI		IMPACT					
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	s	%	% of Total Bill
Consumption	Monthly Service Charge			15.96			15.62	(0.34)	(2.13%)	13.63%
750 kWh	Distribution (kWh)	750	0.0136	10.20	750	0.0157	11.78	1.58	15.44%	10.27%
	Low Voltage Rider (kWh)	750	0.0000	0.00	750	0.0005	0.38	0.38	#DIV/0!	0.33%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.87%
	LRAM & SSM Rider (kWh)	750		0.00	750	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	750	(0.0028)	(2.10)	750	(0.0028)	(2.10)	0.00	0.00%	(1.83%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	750		0.00	750	0.0001	0.08	0.08	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	750	0.0011	0.83	750	0.0011	0.83	0.00	0.00%	0.72%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	750		0.00	750	0.0016	1.20	1.20	#DIV/0!	1.05%
	Distribution Sub-Total			25.89			28.77	2.89	11.15%	25.10%
	Retail Transmisssion (kWh)	793	0.0099	7.85	792	0.0105	8.33	0.48	6.07%	7.26%
	Delivery Sub-Total			33.73			37.10	3.36	9.96%	32.36%
	Other Charges (kWh)	793	0.0139	11.00	792	0.0135	10.69	(0.31)	(2.80%)	9.33%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.22%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	34.02%
	Cost of Power Commodity (kWh)	193	0.0750	14.47	192	0.0750	14.40	(0.07)	(0.47%)	12.56%
	Total Bill Before Taxes		•	98.45		•	101.44	2.99	3.03%	88.50%
	HST		13.00%	12.80		13.00%	13.19	0.39	3.03%	11.50%
	Total Bill			111.25		•	114.62	3.37	3.03%	100.00%

#### **RESIDENTIAL NF territory** 2010 BILL 2011 BILL **IMPACT** CHARGE CHARGE % of Total Bill Consumption Monthly Service Charge 15.96 15.62 (2.13%) 12.86% 800 kWh Distribution (kWh) 800 0.0136 10.88 800 0.0157 12.56 1.68 15.44% 10.34% ow Voltage Rider (kWh) 800 0.0000 0.00 800 0.0005 0.40 0.40 #DIV/0! 0.33% 1.00 1.00 0.00 0.00% 0.82% Smart Meter Rider (per month) LRAM & SSM Rider (kWh) 800 0.00 800 0.0000 0.00 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kWh) May 800 (0.0028) 800 (0.0028) (2.24) 0.00% (1.84%) 2010-April 2012 Deferrral & Variance Acct (kWh) May 0.00 0.0001 #DIV/0! 0.07% 2011-April 2012 Global Adjustmenr Rate Rider (kWh) May 0.88 0.72% 800 0.0011 0.88 800 0.0011 0.00 0.00% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 1.28 1.05% 800 0.00 800 0.0016 #DIV/0! 2011 - April 2012 Non-RPP Only Distribution Sub-Total 26.48 29.58 3.10 11.71% 24.36% 845 8.88 0.51 Retail Transmisssion (kWh) 846 0.0099 8.37 0.0105 6.07% 7.31% 3.61 10.35% Delivery Sub-Total 34.85 38.46 31.67% Other Charges (kWh) 846 0.0139 11.73 845 0.0135 11.40 9.39% 0.25 0.25 0.00% 0.21% Other Charges (per month) 0.00 Cost of Power Commodity (kWh) 600 0.0650 39.00 600 0.0650 39.00 0.00 0.00% 32.11% Cost of Power Commodity (kWh) 246 0.0750 18.43 245 0.0750 18.36 15.12% 3.21 3.08% Total Bill Before Taxes 104.27 107.48 88.50% HST 13.00% 13.55 13.00% 13.97 0.42 3.08% 11.50%

117.82

121.45

3.62

100.00%

3.08%

Total Bill

		F	RESIDE	NTIAL						
	1		2010 BI	LL	2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bi
Consumption	Monthly Service Charge			15.96			15.62	(0.34)	(2.13%)	10.50%
1,000 kWh	Distribution (kWh)	1,000	0.0136	13.60	1,000	0.0157	15.70	2.10	15.44%	10.56%
	Low Voltage Rider (kWh)	1,000	0.0000	0.00	1,000	0.0005	0.50	0.50	#DIV/0!	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.67%
	LRAM & SSM Rider (kWh)	1,000		0.00	1,000	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	1,000	(0.0028)	(2.80)	1,000	(0.0028)	(2.80)	0.00	0.00%	(1.88%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	1,000		0.00	1,000	0.0001	0.10	0.10	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	1,000	0.0011	1.10	1,000	0.0011	1.10	0.00	0.00%	0.74%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	1,000		0.00	1,000	0.0016	1.60	1.60	#DIV/0!	1.08%
	Distribution Sub-Total			28.86			32.82	3.96	13.72%	22.07%
	Retail Transmisssion (kWh)	1,057	0.0099	10.47	1,056	0.0105	11.10	0.63	6.07%	7.46%
	Delivery Sub-Total			39.33			43.92	4.59	11.68%	29.53%
	Other Charges (kWh)	1,057	0.0139	14.67	1,056	0.0135	14.26	(0.41)	(2.80%)	9.58%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.17%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	26.22%
	Cost of Power Commodity (kWh)	457	0.0750	34.29	456	0.0750	34.20	(0.09)	(0.26%)	22.99%
	Total Bill Before Taxes		•	127.53			131.63	4.09	3.21%	88.50%
	HST		13.00%	16.58		13.00%	17.11	0.53	3.21%	11.50%
	Total Bill			144.11			148.74	4.63	3.21%	100.00%

#### RESIDENTIAL 2010 BILL **IMPACT** 2011 BILL CHARGE CHARGE % of Total Bill Consumption Monthly Service Charge 15.96 15.62 (2.13%) 7.20% 1,500 kWh Distribution (kWh) 1,500 0.0136 20.40 1,500 0.0157 23.55 3.15 15.44% 10.85% ow Voltage Rider (kWh) 1,500 0.0000 0.00 1,500 0.0005 0.75 0.75 #DIV/0! 0.35% Smart Meter Rider (per month) 1.00 1.00 0.00 0.00% 0.46% LRAM & SSM Rider (kWh) 1,500 0.00 1,500 0.0000 0.00 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kWh) May 1,500 (0.0028) 1,500 (0.0028) (4.20) 0.00% (1.94%) 2010-April 2012 Deferrral & Variance Acct (kWh) May 1,500 0.00 1,500 0.0001 #DIV/0! 0.07% 2011-April 2012 Global Adjustmenr Rate Rider (kWh) May 1.65 1,500 1.65 0.76% 1,500 0.0011 0.0011 0.00 0.00% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 0.00 1.500 2.40 1.500 0.0016 2.40 #DIV/0! 1.11% 2011 - April 2012 Non-RPP Only Distribution Sub-Total 34.81 40.92 6.11 17.55% 18.86% 15.70 1,584 16.65 0.95 Retail Transmisssion (kWh) 1,586 0.0099 0.0105 6.07% 7.67% 57.57 Delivery Sub-Total 7.06 13.98% 26.54% 50.51 Other Charges (kWh) 1.586 0.0139 22.00 1.584 0.0135 21.38 9.86% 0.25 0.25 0.00% 0.12% Other Charges (per month) 0.00 Cost of Power Commodity (kWh) 600 0.0650 39.00 600 0.0650 39.00 0.00 0.00% 17.98% Cost of Power Commodity (kWh) 986 0.0750 73.94 984 0.0750 73.80 34.01% 3.40% Total Bill Before Taxes 185.69 192.00 6.31 88.50% HST 13.00% 24.14 13.00% 24.96 0.82 3.40% 11.50% Total Bill 209.83 216.97 7.13 100.00% 3.40%

			2010 BI	LL	2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption	Monthly Service Charge			47.27			36.77	(10.50)	(22.21%)	12.30%
2,000 kWh	Distribution (kWh)	2,000	0.0100	20.00	2,000	0.0134	26.80	6.80	34.00%	8.96%
	Low Voltage Rider (kWh)	2,000	0.0000	0.00	2,000	0.0004	0.80	0.80	#DIV/0!	0.27%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.33%
	LRAM & SSM Rider (kWh)	2,000		0.00	2,000	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	2,000	(0.0027)	(5.40)	2,000	(0.0027)	(5.40)	0.00	0.00%	(1.81%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	2,000		0.00	2,000	(0.0013)	(2.60)	(2.60)	#DIV/0!	(0.87%)
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	2,000	0.0011	2.20	2,000	0.0011	2.20	0.00	0.00%	0.74%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	2,000		0.00	2,000	0.0019	3.80	3.80	#DIV/0!	1.27%
	Distribution Sub-Total			65.07			63.37	(1.70)	(2.61%)	21.19%
	Retail Transmisssion (kWh)	2,114	0.0091	19.24	2,112	0.0095	20.07	0.83	4.32%	6.71%
	Delivery Sub-Total			84.31			83.44	(0.87)	(1.03%)	27.91%
	Other Charges (kWh)	2,114	0.0139	29.33	2,112	0.0135	28.51	(0.82)	(2.80%)	9.54%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.08%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	13.04%
	Cost of Power Commodity (kWh)	1,514	0.0750	113.58	1,512	0.0750	113.40	(0.18)	(0.16%)	37.93%
	Total Bill Before Taxes			266.47			264.60	(1.87)	(0.70%)	88.50%
	HST		13.00%	34.64		13.00%	34.40	(0.24)	(0.70%)	11.50%
	Total Bill			301.11			299.00	(\$2.11)	(0.70%)	100.00%

Consumption

4,000 kWh

Monthly Service Charge

#### **GENERAL SERVICE < 50 kW** 2010 BILL 2011 BILL **IMPACT** CHARGE CHARGE RATE RATE % of Total Bill 47.27 36.77 (10.50) (22.21%) 6.54%

Distribution (kWh)	4,000	0.0100	40.00	4,000	0.0134	53.60	13.60	34.00%	9.54%
Low Voltage Rider (kWh)	4,000	0.0000	0.00	4,000	0.0004	1.60	1.60	#DIV/0!	0.28%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.18%
RAM & SSM Rider (kWh)	4,000		0.00	4,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kWh) May 2010-April 2012	4,000	(0.0027)	(10.80)	4,000	(0.0027)	(10.80)	0.00	0.00%	(1.92%)
Deferrral & Variance Acct (kWh) May 2011-April 2012	4,000		0.00	4,000	(0.0013)	(5.20)	(5.20)	#DIV/0!	(0.93%)
Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	4,000	0.0011	4.40	4,000	0.0011	4.40	0.00	0.00%	0.78%
Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	4,000		0.00	4,000	0.0019	7.60	7.60	#DIV/0!	1.35%
Distribution Sub-Total			81.87			88.97	7.10	8.67%	15.84%
Retail Transmisssion (kWh)	4,229	0.0091	38.48	4,224	0.0095	40.14	1.66	4.32%	7.15%
Delivery Sub-Total			120.35			129.11	8.76	7.28%	22.98%
Other Charges (kWh)	4,229	0.0139	58.66	4,224	0.0135	57.02	(1.64)	(2.80%)	10.15%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.04%
Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	6.94%
Cost of Power Commodity (kWh)	3,629	0.0750	272.16	3,624	0.0750	271.80	(0.36)	(0.13%)	48.38%
Total Bill Before Taxes			490.43			497.19	\$6.76	1.38%	88.50%
HST		13.00%	63.76		13.00%	64.63	0.88	1.38%	11.50%
Total Bill			554.18			561.82	\$7.64	1.38%	100.00%

#### **GENERAL SERVICE < 50 kW** 2010 BILL **2011 BILL IMPACT** RATE CHARGE CHARGE % of Total Bill Volume Volume Consumption Monthly Service Charge 47.27 36.77 0.0100 10,000 0.0134 134.00 34.00 34.00% 10,000 kWh Distribution (kWh) 10,000 100.00 9.92% Low Voltage Rider (kWh) 10,000 0.0000 0.00 10,000 0.0004 4.00 0.30% 4.00 #DIV/0! Smart Meter Rider (per month) 1.00 1.00 0.00 0.00% 0.07% LRAM & SSM Rider (kWh) 10,000 0.00 10,000 0.0000 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kWh) May 10,000 (27.00) (0.0027) (2.00%) 2010-April 2012 Deferrral & Variance Acct (kWh) May 10,000 0.00 10,000 (0.0013) (13.00) (13.00) #DIV/0! (0.96%) 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Ma 10,000 0.0011 11.00 10,000 0.0011 11.00 0.00 0.00% 0.81% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 2011 - April 2012 Non-RPP Only. 10.000 0.00 10.000 0.0019 19.00 19.00 #DIV/0! 1.41% Distribution Sub-Total 132.27 165.77 33.50 25.33% 12.28% 0.0091 10,560 0.0095 Retail Transmisssion (kWh) 10,572 96.21 100.36 4.16 4.32% 7.43% **Delivery Sub-Total** 228 48 266 13 37.66 16.48% 19.71% Other Charges (kWh) 10,572 0.0139 146.66 10,560 0.0135 142.56 10.56% 0.25 0.02% Other Charges (per month) 0.25 0.00 0.00% Cost of Power Commodity (kWh) 600 0.0650 39.00 600 0.0650 39.00 0.00 0.00% 2.89% 9,972 0.0750 0.0750 747.90 9,960 746.99 55.32% Cost of Power Commodity (kWh) Total Bill Before Taxes 88.50% 1.162.29 1,194.93 \$32.65 2.81% HST 13.00% 151.10 13.00% 155.34 2.81% Total Bill 1,313.38 1,350.27 \$36.89 2.81% 100.00%

# GENERAL SERVICE < 50 kW

Cor	nsun	nption	
42	EOO	MM	

		2010 BI	LL		2011 BI	LL		IMPAC1	Г
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bil
Monthly Service Charge			47.27			36.77	(10.50)	(22.21%)	2.19%
Distribution (kWh)	12,500	0.0100	125.00	12,500	0.0134	167.50	42.50	34.00%	9.98%
Low Voltage Rider (kWh)	12,500	0.0000	0.00	12,500	0.0004	5.00	5.00	#DIV/0!	0.30%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.06%
LRAM & SSM Rider (kWh)	12,500		0.00	12,500	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kWh) May 2010-April 2012	12,500	(0.0027)	(33.75)	12,500	(0.0027)	(33.75)	0.00	0.00%	(2.01%)
Deferrral & Variance Acct (kWh) May 2011-April 2012	12,500		0.00	12,500	(0.0013)	(16.25)	(16.25)	#DIV/0!	(0.97%)
Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	12,500	0.0011	13.75	12,500	0.0011	13.75	0.00	0.00%	0.82%
Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	12,500		0.00	12,500	0.0019	23.75	23.75	#DIV/0!	1.41%
Distribution Sub-Total			153.27			197.77	44.50	29.03%	11.78%
Retail Transmisssion (kWh)	13,215	0.0091	120.26	13,200	0.0095	125.45	5.20	4.32%	7.47%
Delivery Sub-Total			273.53			323.22	49.70	18.17%	19.25%
Other Charges (kWh)	13,215	0.0139	183.33	13,200	0.0135	178.20	(5.13)	(2.80%)	10.61%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.01%
Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	2.32%
Cost of Power Commodity (kWh)	12,615	0.0750	946.13	12,600	0.0750	944.99	(1.13)	(0.12%)	56.29%
Total Bill Before Taxes		•	1,442.23			1,485.66	\$43.43	3.01%	88.50%
HST		13.00%	187.49		13.00%	193.14	5.65	3.01%	11.50%
Total Bill			1,629.72			1,678.80	\$49.08	3.01%	100.00%

### **GENERAL SERVICE < 50 kW**

Consum	ption
15,000	kWh

		2010 BII	LL		2011 BI	LL		IMPACI		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill	
Monthly Service Charge			47.27			36.77	(10.50)	(22.21%)	1.83%	
Distribution (kWh)	15,000	0.0100	150.00	15,000	0.0134	201.00	51.00	34.00%	10.01%	
Low Voltage Rider (kWh)	15,000	0.0000	0.00	15,000	0.0004	6.00	6.00	#DIV/0!	0.30%	
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.05%	
LRAM & SSM Rider (kWh)	15,000		0.00	15,000	0.0000	0.00	0.00	#DIV/0!	0.00%	
Deferrral & Variance Acct (kWh) May 2010-April 2012	15,000	(0.0027)	(40.50)	15,000	(0.0027)	(40.50)	0.00	0.00%	(2.02%)	
Deferrral & Variance Acct (kWh) May 2011-April 2012	15,000		0.00	15,000	(0.0013)	(19.50)	(19.50)	#DIV/0!	(0.97%)	
Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	15,000	0.0011	16.50	15,000	0.0011	16.50	0.00	0.00%	0.82%	
Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	15,000		0.00	15,000	0.0019	28.50	28.50	#DIV/0!	1.42%	
Distribution Sub-Total			174.27			229.77	55.50	31.85%	11.45%	
Retail Transmisssion (kWh)	15,858	0.0091	144.31	15,840	0.0095	150.54	6.23	4.32%	7.50%	
Delivery Sub-Total			318.58			380.31	61.73	19.38%	18.95%	
Other Charges (kWh)	15,858	0.0139	219.99	15,840	0.0135	213.84	(6.15)	(2.80%)	10.65%	
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.01%	
Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	1.94%	
Cost of Power Commodity (kWh)	15,258	0.0750	1,144.35	15,240	0.0750	1,142.99	(1.36)	(0.12%)	56.94%	
Total Bill Before Taxes			1,722.17			1,776.39	\$54.22	3.15%	88.50%	
HST		13.00%	223.88		13.00%	230.93	7.05	3.15%	11.50%	
Total Bill			1,946.05			2,007.32	\$61.27	3.15%	100.00%	

1.18%

1.18%

43.27

11.50%

100.00%

### **Niagara Falls Bill Impacts (Monthly Consumption)**

#### **GENERAL SERVICE > 50 kW** 2010 BILL 2011 BILL **IMPACT** CHARGE CHARGE Volume Volume % of Total Bill Monthly Service Charge Consumption 280.14 177.00 4.79% 30,000 kWh Distribution (kW) 100 3.0124 301.24 100 4.1794 417.94 116.70 38.74% 11.30% 100 kW ow Voltage Rider (kW) 100 0.1592 15.92 #DIV/0! 0.43% 1.00 1.00 Smart Meter Rider (per month) 0.00 0.00% 0.03% LRAM & SSM Rider (kW) 100 0.00 100 0.0000 0.00 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kW) May 2010 100 (1.1600) (116.00) 100 (1.1600) (116.00) 0.00 0.00% (3.14%) Deferrral & Variance Acct (kW) May 201 100 100 (0.6074) (60.74) (60.74) #DIV/0! (1.64%) 0.00 April 2012 Global Adjustmenr Rate Rider (kW) May 100 0.4244 42.44 100 42.44 1.15% 0.4244 0.00 0.00% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only. 100 0.00 100 0.6398 63.98 63.98 #DIV/0! 1.73% Distribution Sub-Total 508.82 541.54 32.72 6.43% 14.64% 3.8258 100 3.625 100 5.54% Retail Transmisssion (kW) 362.50 382.58 20.08 10.35% 924.12 **Delivery Sub-Total** 871.32 52.80 6.06% 24.99% Other Charges (kWh) 31,716 0.0139 439.98 31,680 0.0135 427.68 11.57% Other Charges (per month) 0.25 0.25 0.00 0.00% 0.01% Cost of Power Commodity (kWh) 31,716 0.0606 1,922.62 31,680 0.0606 1,920.42 51.93% Total Bill Before Taxes 3,234.17 3,272.47 38.30 1.18% 88.50%

13.00%

3,654.62

13.00%

3,697.89

HST

Total Bill

	92.12.10	AL OLI	VICE	> 50 kW-	ME TELL	itory				
	Ī		2010 BI	LL		2011 BII	.L		IMPAC1	
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total B
Consumption	Monthly Service Charge			280.14			177.00	(103.14)	(36.82%)	2.37%
65,000 kWh	Distribution (kW)	180	3.0124	542.23	180	4.1794	752.29	210.06	38.74%	10.07%
180 kW	Low Voltage Rider (kW)	180	0		180	0.1592	28.66	28.66	#DIV/0!	0.38%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.01%
	LRAM & SSM Rider (kW)	180		0.00	180	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	180	(1.1600)	(208.80)	180	(1.1600)	(208.80)	0.00	0.00%	(2.80%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	180		0.00	180	(0.6074)	(109.33)	(109.33)	#DIV/0!	(1.46%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	180	0.4244	76.39	180	0.4244	76.39	0.00	0.00%	1.02%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	180		0.00	180	0.6398	115.16	115.16	#DIV/0!	1.54%
	Distribution Sub-Total			690.96			832.37	141.41	20.47%	11.15%
	Retail Transmisssion (kW)	180	3.625	652.50	180	3.8258	688.64	36.14	5.54%	9.22%
	Delivery Sub-Total			1,343.46			1,521.02	177.55	13.22%	20.37%
	Other Charges (kWh)	68,718	0.0139	953.29	68,639	0.0135	926.63	(26.66)	(2.80%)	12.41%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	68,718	0.0606	4,165.69	68,639	0.0606	4,160.92	(4.77)	(0.11%)	55.72%
	Total Bill Before Taxes		•	6,462.69			6,608.82	146.13	2.26%	88.50%
	HST		13.00%	840.15		13.00%	859.15	19.00	2.26%	11.50%
	Total Bill		•	7,302.84			7,467.96	165.12	2.26%	100.00%

### **GENERAL SERVICE > 50 kW**

Consumption
200,000 kWh
500 kW

		2010 BI	LL		2011 BII	LL		IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge			280.14			177.00	(103.14)	(36.82%)	0.80%
Distribution (kW)	500	3.0124	1,506.20	500	4.1794	2,089.70	583.50	38.74%	9.45%
Low Voltage Rider (kW)	500	0		500	0.1592	79.60	79.60	#DIV/0!	0.36%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
LRAM & SSM Rider (kW)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kW) May 2010- April 2012	500	(1.1600)	(580.00)	500	(1.1600)	(580.00)	0.00	0.00%	(2.62%)
Deferrral & Variance Acct (kW) May 2011- April 2012	500		0.00	500	(0.6074)	(303.70)	(303.70)	#DIV/0!	(1.37%)
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	500	0.4244	212.20	500	0.4244	212.20	0.00	0.00%	0.96%
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.6398	319.90	319.90	#DIV/0!	1.45%
Distribution Sub-Total			1,419.54			1,995.70	576.16	40.59%	9.03%
Retail Transmisssion (kW)	500	3.625	1,812.50	500	3.8258	1,912.90	100.40	5.54%	8.65%
Delivery Sub-Total			3,232.04			3,908.60	676.56	20.93%	17.68%
Other Charges (kWh)	211,440	0.0139	2,933.20	211,198	0.0135	2,851.17	(82.03)	(2.80%)	12.90%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
Cost of Power Commodity (kWh)	211,440	0.0606	12,817.49	211,198	0.0606	12,802.83	(14.67)	(0.11%)	57.92%
Total Bill Before Taxes			18,982.98			19,562.85	579.87	3.05%	88.50%
HST		13.00%	2,467.79		13.00%	2,543.17	75.38	3.05%	11.50%
Total Bill			21,450.77			22,106.02	655.25	3.05%	100.00%

### **GENERAL SERVICE > 50 kW**

Consumption									
800,000 kWh									
2,000 kW									

		2010 BI	LL		2011 BI	LL		IMPAC1	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge			280.14			177.00	(103.14)	(36.82%)	0.20%
Distribution (kW)	2,000	3.0124	6,024.80	2,000	4.1794	8,358.80	2,334.00	38.74%	9.52%
Low Voltage Rider (kW)	2,000	0		2,000	0.1592	318.40	318.40	#DIV/0!	0.36%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
LRAM & SSM Rider (kW)	2,000		0.00	2,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kW) May 2010- April 2012	2,000	(1.1600)	(2,320.00)	2,000	(1.1600)	(2,320.00)	0.00	0.00%	(2.64%)
Deferrral & Variance Acct (kW) May 2011- April 2012	2,000		0.00	2,000	(0.6074)	(1,214.80)	(1,214.80)	#DIV/0!	(1.38%)
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	2,000	0.4244	848.80	2,000	0.4244	848.80	0.00	0.00%	0.97%
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	2,000		0.00	2,000	0.6398	1,279.60	1,279.60	#DIV/0!	1.46%
Distribution Sub-Total			4,834.74			7,448.80	2,614.06	54.07%	8.48%
Retail Transmisssion (kW)	2,000	3.625	7,250.00	2,000	3.8258	7,651.60	401.60	5.54%	8.71%
Delivery Sub-Total			12,084.74			15,100.40	3,015.66	24.95%	17.19%
Other Charges (kWh)	845,760	0.0139	11,732.81	844,792	0.0135	11,404.69	(328.11)	(2.80%)	12.99%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
Cost of Power Commodity (kWh)	845,760	0.0606	51,269.97	844,792	0.0606	51,211.30	(58.67)	(0.11%)	58.31%
Total Bill Before Taxes			75,087.77			77,716.65	2,628.89	3.50%	88.50%
HST		13.00%	9,761.41		13.00%	10,103.16	341.76	3.50%	11.50%
Total Bill			84,849.18			87,819.82	2,970.64	3.50%	100.00%

### **GENERAL SERVICE > 50 kW**

Consump	otion
1,600,000 k	:Wh
4,000 k	:W

		2010 BI	LL		2011 BII	L <b>L</b>		IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge			280.14			177.00	(103.14)	(36.82%)	0.10%
Distribution (kW)	4,000	3.0124	12,049.60	4,000	4.1794	16,717.60	4,668.00	38.74%	9.53%
Low Voltage Rider (kW)	4,000	0		4,000	0.1592	636.80	636.80	#DIV/0!	0.36%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
LRAM & SSM Rider (kW)	4,000		0.00	4,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kW) May 2010- April 2012	4,000	(1.1600)	(4,640.00)	4,000	(1.1600)	(4,640.00)	0.00	0.00%	(2.64%)
Deferrral & Variance Acct (kW) May 2011- April 2012	4,000		0.00	4,000	(0.6074)	(2,429.60)	(2,429.60)	#DIV/0!	(1.38%)
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	4,000	0.4244	1,697.60	4,000	0.4244	1,697.60	0.00	0.00%	0.97%
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	4,000		0.00	4,000	0.6398	2,559.20	2,559.20	#DIV/0!	1.46%
Distribution Sub-Total			9,388.34			14,719.60	5,331.26	56.79%	8.39%
Retail Transmisssion (kW)	4,000	3.625	14,500.00	4,000	3.8258	15,303.21	803.21	5.54%	8.72%
Delivery Sub-Total			23,888.34			30,022.81	6,134.47	25.68%	17.11%
Other Charges (kWh)	1,691,520	0.0139	23,465.61	1,689,584	0.0135	22,809.39	(656.22)	(2.80%)	13.00%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
Cost of Power Commodity (kWh)	1,691,520	0.0606	102,539.94	1,689,584	0.0606	102,422.61	(117.33)	(0.11%)	58.38%
Total Bill Before Taxes			149,894.14			155,255.06	5,360.91	3.58%	88.50%
HST		13.00%	19,486.24		13.00%	20,183.16	696.92	3.58%	11.50%
Total Bill			169,380.38			175,438.21	6,057.83	3.58%	100.00%

### **GENERAL SERVICE > 50 kW**

Consumption
2,400,000 kWh
5,400 kW

		2010 BI	LL		2011 BI	LL	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge			280.14			177.00	(103.14)	(36.82%)	0.07%	
Distribution (kW)	5,400	3.0124	16,266.96	5,400	4.1794	22,568.76	6,301.80	38.74%	8.75%	
Low Voltage Rider (kW)	5,400	0		5,400	0.1592	859.68	859.68	#DIV/0!	0.33%	
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%	
LRAM & SSM Rider (kW)	5,400		0.00	5,400	0.0000	0.00	0.00	#DIV/0!	0.00%	
Deferrral & Variance Acct (kW) May 2010- April 2012	5,400	(1.1600)	(6,264.00)	5,400	(1.1600)	(6,264.00)	0.00	0.00%	(2.43%)	
Deferrral & Variance Acct (kW) May 2011- April 2012	5,400		0.00	5,400	(0.6074)	(3,279.96)	(3,279.96)	#DIV/0!	(1.27%)	
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	5,400	0.4244	2,291.76	5,400	0.4244	2,291.76	0.00	0.00%	0.89%	
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	5,400		0.00	5,400	0.6398	3,454.92	3,454.92	#DIV/0!	1.34%	
Distribution Sub-Total			12,575.86			19,809.16	7,233.30	57.52%	7.68%	
Retail Transmisssion (kW)	5,400	3.625	19,575.00	5,400	3.8258	20,659.33	1,084.33	5.54%	8.01%	
Delivery Sub-Total			32,150.86			40,468.49	8,317.63	25.87%	15.69%	
Other Charges (kWh)	2,537,280	0.0139	35,198.42	2,534,377	0.0135	34,214.08	(984.33)	(2.80%)	13.26%	
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%	
Cost of Power Commodity (kWh)	2,537,280	0.0606	153,809.91	2,534,377	0.0606	153,633.91	(176.00)	(0.11%)	59.55%	
Total Bill Before Taxes			221,159.44			228,316.74	7,157.30	3.24%	88.50%	
HST		13.00%	28,750.73		13.00%	29,681.18	930.45	3.24%	11.50%	
Total Bill			249,910.17			257,997.91	8,087.75	3.24%	100.00%	

### **Street Lighting -NF Territory**

Billing Determinants								
1 Connections								
49.60 kWh								
0.13 kW								

		2010 BI	LL		2011 BI	LL		IMPAC1	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge	1	0.3200	0.32	1	0.7587	0.76	0.44	137.09%	11.92%
Distribution (kW)	0	1.6919	0.23	0	2.9760	0.40	0.17	75.90%	6.27%
Low Voltage Rider (kW)	0	0		0	0.1223	0.02	0.02	#DIV/0!	0.26%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kW) May 2010- April 2012	0	(0.5038)	(0.07)	0	(0.5038)	(0.07)	0.00	0.00%	(1.06%)
Deferrral & Variance Acct (kW) May 2011- April 2012	0		0.00	0	(0.6325)	(80.0)	(80.0)	#DIV/0!	(1.33%)
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	0	0.0000	0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	0		0.00	0	0.6613	0.09	0.09	#DIV/0!	1.39%
Distribution Sub-Total			0.48			1.11	0.63	131.68%	17.45%
Retail Transmisssion (kW)	0	2.7646	0.37	0	2.9116	0.39	0.02	5.32%	6.13%
Delivery Sub-Total			0.85			1.50	0.65	76.57%	23.58%
Other Charges (kWh)	52	0.0139	0.73	52	0.0135	0.71	(0.02)	(2.80%)	11.11%
Other Charges (per month)			0.25			0.25	0.00	0.00%	3.93%
Cost of Power Commodity (kWh)	52	0.0606	3.18	52	0.0606	3.17	(0.00)	(0.11%)	49.88%
Total Bill Before Taxes		•	5.01		•	5.63	0.63	12.52%	88.50%
HST		13.00%	0.65		13.00%	0.73	0.08	12.52%	11.50%
Total Bill		•	5.66			6.36	0.71	12.52%	100.00%

### **Sentinel Lighting - NF Territory**

Billing Dete	Billing Determinants										
1	Connections										
43.57	kWh										
0.12	kW										

		2010 BI	LL		2011 BI	LL		IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge	1	1.1000	1.10	1	6.8477	6.85	5.75	522.52%	48.96%
Distribution (kW)	0	4.0830	0.49	0	8.5542	1.03	0.54	109.51%	7.34%
Low Voltage Rider (kW)	0	0		0	0.1330	0.02	0.02	#DIV/0!	0.11%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kW) May 2010- April 2012	0	(1.2973)	(0.16)	0	(1.2973)	(0.16)	0.00	0.00%	(1.11%)
Deferrral & Variance Acct (kW) May 2011- April 2012	0		0.00	0	2.1490	0.26	0.26	#DIV/0!	1.84%
Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	0	0.3939	0.05	0	0.3939	0.05	0.00	0.00%	0.34%
Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	0		0.00	0	0.9780	0.12	0.12	#DIV/0!	0.84%
Distribution Sub-Total			1.48			8.16	6.68	450.57%	58.32%
Retail Transmisssion (kW)	0	2.7986	0.34	0	2.9817	0.36	0.02	6.54%	2.56%
Delivery Sub-Total			1.82			8.51	6.70	368.52%	60.88%
Other Charges (kWh)	46	0.0139	0.64	46	0.0135	0.62	(0.02)	(2.80%)	4.44%
Other Charges (per month)			0.25			0.25	0.00	0.00%	1.79%
Cost of Power Commodity (kWh)	46	0.0650	2.99	46	0.0650	2.99	(0.00)	(0.11%)	21.38%
Total Bill Before Taxes			5.70			12.38	6.68	117.12%	88.50%
HST		13.00%	0.74		13.00%	1.61	0.87	117.12%	11.50%
Total Bill			6.44			13.99	7.54	117.12%	100.00%

#### **Unmetered Scattered - NF Territory** 2010 BILL 2011 BILL **IMPACT** Change Change % % of Total Bill Volume Volume Consumption Monthly Service Charge 23.65 19.00 (4.65) (19.67%) 36.72% 250 kWh Distribution (kWh) 250 0.0100 2.50 250 0.0133 0.83 33.00% 6.43% 0.0000 0.0004 ow Voltage Rider (kWh) 250 0.00 #DIV/0! 0.19% LRAM & SSM Rider (kWh) 0.0000 250 0.00 0.00 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kWh) May 250 (0.0027) (0.68) 250 (0.0027) (0.68) 0.00 0.00% (1.30%)Deferrral & Variance Acct (kWh) May 0.00 250 (0.0005)(0.13) (0.13)(0.24%) 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Mar 250 0.0011 0.28 250 0.0011 0.28 0.00 0.00% 0.53% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 2011 - April 2012 Non-RPP Only. 0.77% Distribution Sub-Total 25.75 22.30 (3.45) (13.41%) 43.10% 264 0.0095 Retail Transmisssion (kWh) 264 0.009 2.38 2.51 0.13 5 53% 4.85% 24.81 47.95% Delivery Sub-Total 28.13 264 3.56 Other Charges (kWh) 264 0.0139 3.67 0.0135 6.89% (0.10)(2.80%)Other Charges (per month) 0.25 0.25 0.00 0.00% 0.48% 264 0.0650 17.18 264 0.0650 17.16 (0.02) (0.11%) 33.17% Cost of Power Commodity (kWh) 49.22 88.50% Total Bill Before Taxes 45.78 (3.44) (6.99%) HST 13.00% 6.40 13.00% 5.95 (6.99%) 11.50% Total Bill 55.62 51.73 (3.89) (6.99%) 100.00%

		Unn	netered	Scatter	ed						
			2010 BI	LL		2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill	
Consumption	Monthly Service Charge			23.65			19.00	(4.65)	(19.67%)	23.25%	
500 kWh	Distribution (kWh)	500	0.0100	5.00	500	0.0133	6.65	1.65	33.00%	8.14%	
	Low Voltage Rider (kWh)	500	0.0000	0.00	500	0.0004	0.20	0.20	#DIV/0!	0.24%	
	LRAM & SSM Rider (kWh)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	500	(0.0027)	(1.35)	500	(0.0027)	(1.35)	0.00	0.00%	(1.65%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	500		0.00	500	(0.0005)	(0.25)	(0.25)	#DIV/0!	(0.31%)	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	500	0.0011	0.55	500	0.0011	0.55	0.00	0.00%	0.67%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.0016	0.80	0.80	#DIV/0!	0.98%	
	Distribution Sub-Total			27.85			25.60	(2.25)	(8.09%)	31.33%	
	Retail Transmisssion (kWh)	529	0.009	4.76	528	0.0095	5.02	0.26	5.53%	6.14%	
	Delivery Sub-Total			32.61			30.62	(1.99)	(6.10%)	37.47%	
	Other Charges (kWh)	529	0.0139	7.33	528	0.0135	7.13	(0.21)	(2.80%)	8.72%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.31%	
	Cost of Power Commodity (kWh)	529	0.0650	34.36	528	0.0650	34.32	(0.04)	(0.11%)	42.00%	
	Total Bill Before Taxes			74.55			72.32	(2.23)	(3.00%)	88.50%	
	HST		13.00%	9.69		13.00%	9.40	(0.29)	(3.00%)	11.50%	
	Total Bill			84.24			81.72	(2.52)	(3.00%)	100.00%	

# Peninsula West Bill Impacts (Monthly consumption)

		2010 BILL				2011 BII	_L	IMPACT			
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bil	
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	50.28%	
100 kWh	Distribution (kWh)	100	0.0180	1.80	100	0.0157	1.57	(0.23)	(12.78%)	5.05%	
	Low Voltage Rider (kWh)	100	0.0023	0.23	100	0.0005	0.05	(0.18)	(78.26%)	0.16%	
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	3.22%	
	LRAM & SSM Rider (kWh)	100		0.00	100	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	100	(0.0064)	(0.64)	100	(0.0064)	(0.64)	0.00	0.00%	(2.06%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	100		0.00	100	0.0001	0.01	0.01	#DIV/0!	0.03%	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	100	0.0007	0.07	100	0.0007	0.07	0.00	0.00%	0.23%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	100		0.00	100	0.0016	0.16	0.16	#DIV/0!	0.52%	
	Distribution Sub-Total			12.50			17.84	5.34	42.72%	57.43%	
	Retail Transmisssion (kWh)	106	0.0103	1.09	106	0.0105	1.11	0.02	1.67%	3.57%	
	Delivery Sub-Total			13.59			18.95	5.36	39.42%	61.00%	
	Other Charges (kWh)	106	0.0139	1.47	106	0.0135	1.43	(0.05)	(3.06%)	4.59%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.80%	
	Cost of Power Commodity (kWh)	106	0.0650	6.89	106	0.0650	6.86	(0.03)	(0.39%)	22.10%	
	Total Bill Before Taxes			22.20			27.49	5.29	23.81%	88.50%	
	нѕт		13.00%	2.89		13.00%	3.57	0.69	23.81%	11.50%	
	Total Bill	•		25.09			31.06	5.97	23.81%	100.00%	

			2010 BI	LL		2011 BII	LL	IMPACT			
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill	
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	31.84%	
250 kWh	Distribution (kWh)	250	0.0180	4.50	250	0.0157	3.93	(0.58)	(12.78%)	8.00%	
	Low Voltage Rider (kWh)	250	0.0023	0.58	250	0.0005	0.13	(0.45)	(78.26%)	0.25%	
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	2.04%	
	LRAM & SSM Rider (kWh)	250		0.00	250	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	250	(0.0064)	(1.60)	250	(0.0064)	(1.60)	0.00	0.00%	(3.26%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	250		0.00	250	0.0001	0.03	0.03	#DIV/0!	0.05%	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	250	0.0007	0.18	250	0.0007	0.18	0.00	0.00%	0.36%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	250		0.00	250	0.0016	0.40	0.40	#DIV/0!	0.82%	
	Distribution Sub-Total			14.69			19.67	4.98	33.90%	40.09%	
	Retail Transmisssion (kWh)	265	0.0103	2.73	264	0.0105	2.78	0.05	1.67%	5.66%	
	Delivery Sub-Total			17.42			22.45	5.03	28.85%	45.75%	
	Other Charges (kWh)	265	0.0139	3.68	264	0.0135	3.56	(0.11)	(3.06%)	7.26%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.51%	
	Cost of Power Commodity (kWh)	265	0.0650	17.23	264	0.0650	17.16	(0.07)	(0.39%)	34.97%	
	Total Bill Before Taxes			38.57		,	43.42	4.85	12.56%	88.50%	
	HST		13.00%	5.01		13.00%	5.64	0.63	12.56%	11.50%	
	Total Bill			43.59			49.06	5.48	12.56%	100.00%	

		RES	IDENTI	AL URB	AN						
	Ī		2010 BI	LL		2011 BII	L	IMPACT			
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bi	
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	19.76%	
500 kWh	Distribution (kWh)	500	0.0180	9.00	500	0.0157	7.85	(1.15)	(12.78%)	9.93%	
	Low Voltage Rider (kWh)	500	0.0023	1.15	500	0.0005	0.25	(0.90)	(78.26%)	0.32%	
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	1.26%	
	LRAM & SSM Rider (kWh)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	500	(0.0064)	(3.20)	500	(0.0064)	(3.20)	0.00	0.00%	(4.05%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	500		0.00	500	0.0001	0.05	0.05	#DIV/0!	0.06%	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	500	0.0007	0.35	500	0.0007	0.35	0.00	0.00%	0.44%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.0016	0.80	0.80	#DIV/0!	1.01%	
	Distribution Sub-Total			18.34			22.72	4.38	23.88%	28.74%	
	Retail Transmisssion (kWh)	530	0.0103	5.46	528	0.0105	5.55	0.09	1.67%	7.02%	
	Delivery Sub-Total			23.80			28.27	4.47	18.79%	35.76%	
	Other Charges (kWh)	530	0.0139	7.35	528	0.0135	7.13	(0.23)	(3.06%)	9.02%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.32%	
	Cost of Power Commodity (kWh)	530	0.0650	34.45	528	0.0650	34.32	(0.13)	(0.39%)	43.41%	
	Total Bill Before Taxes		•	65.86			69.97	4.11	6.24%	88.50%	
	HST		13.00%	8.56		13.00%	9.10	0.53	6.24%	11.50%	
	Total Bill			74.42			79.06	4.65	6.24%	100.00%	

		RES	IDENTI	AL URB	AN					
			2010 BI	LL		2011 BII	LL	IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	14.04%
750 kWh	Distribution (kWh)	750	0.0180	13.50	750	0.0157	11.78	(1.73)	(12.78%)	10.59%
	Low Voltage Rider (kWh)	750	0.0023	1.73	750	0.0005	0.38	(1.35)	(78.26%)	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.90%
	LRAM & SSM Rider (kWh)	750		0.00	750	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	750	(0.0064)	(4.80)	750	(0.0064)	(4.80)	0.00	0.00%	(4.32%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	750		0.00	750	0.0001	0.08	0.08	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	750	0.0007	0.53	750	0.0007	0.53	0.00	0.00%	0.47%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	750		0.00	750	0.0016	1.20	1.20	#DIV/0!	1.08%
	Distribution Sub-Total			21.99			25.77	3.78	17.19%	23.17%
	Retail Transmisssion (kWh)	795	0.0103	8.19	792	0.0105	8.33	0.14	1.67%	7.49%
	Delivery Sub-Total			30.18			34.10	3.92	12.98%	30.65%
	Other Charges (kWh)	795	0.0139	11.03	792	0.0135	10.69	(0.34)	(3.06%)	9.61%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.22%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	35.06%
	Cost of Power Commodity (kWh)	195	0.0750	14.63	192	0.0750	14.40	(0.23)	(1.58%)	12.95%
	Total Bill Before Taxes			95.09			98.44	3.35	3.52%	88.50%
	HST		13.00%	12.36		13.00%	12.80	0.44	3.52%	11.50%
	Total Bill			107.45			111.23	3.78	3.52%	100.00%

	RESI	DENTIA	AL URE	BAN - PV	/ Territo	ry				
			2010 BI	LL	2011 BILL				Г	
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	s	%	% of Total Bil
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	13.26%
800 kWh	Distribution (kWh)	800	0.0180	14.40	800	0.0157	12.56	(1.84)	(12.78%)	10.66%
	Low Voltage Rider (kWh)	800	0.0023	1.84	800	0.0005	0.40	(1.44)	(78.26%)	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.85%
	LRAM & SSM Rider (kWh)	800		0.00	800	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	800	(0.0064)	(5.12)	800	(0.0064)	(5.12)	0.00	0.00%	(4.35%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	800		0.00	800	0.0001	80.0	0.08	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	800	0.0007	0.56	800	0.0007	0.56	0.00	0.00%	0.48%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	800		0.00	800	0.0016	1.28	1.28	#DIV/0!	1.09%
	Distribution Sub-Total			22.72			26.38	3.66	16.11%	22.39%
	Retail Transmisssion (kWh)	848	0.0103	8.74	845	0.0105	8.88	0.15	1.67%	7.54%
	Delivery Sub-Total			31.46			35.26	3.81	12.10%	29.93%
	Other Charges (kWh)	848	0.0139	11.76	845	0.0135	11.40	(0.36)	(3.06%)	9.68%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.21%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	33.10%
	Cost of Power Commodity (kWh)	248	0.0750	18.61	245	0.0750	18.36	(0.25)	(1.33%)	15.58%
	Total Bill Before Taxes		•	101.08			104.28	3.20	3.16%	88.50%
	HST		13.00%	13.14		13.00%	13.56	0.42	3.16%	11.50%
	Total Bill			114.22			117.83	3.61	3.16%	100.00%

		RES	IDENTI	AL URB	AN					
	1	2010 BILL			2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total
Consumption	Monthly Service Charge			10.04			15.62	5.58	55.58%	10.83%
1,000 kWh	Distribution (kWh)	1,000	0.0180	18.00	1,000	0.0157	15.70	(2.30)	(12.78%)	10.89%
	Low Voltage Rider (kWh)	1,000	0.0023	2.30	1,000	0.0005	0.50	(1.80)	(78.26%)	0.35%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.69%
	LRAM & SSM Rider (kWh)	1,000		0.00	1,000	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	1,000	(0.0064)	(6.40)	1,000	(0.0064)	(6.40)	0.00	0.00%	(4.44%
	Deferrral & Variance Acct (kWh) May 2011-April 2012	1,000		0.00	1,000	0.0001	0.10	0.10	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	1,000	0.0007	0.70	1,000	0.0007	0.70	0.00	0.00%	0.49%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	1,000		0.00	1,000	0.0016	1.60	1.60	#DIV/0!	1.11%
	Distribution Sub-Total			25.64			28.82	3.18	12.40%	19.98%
	Retail Transmisssion (kWh)	1,060	0.0103	10.92	1,056	0.0105	11.10	0.18	1.67%	7.70%
	Delivery Sub-Total			36.56			39.92	3.36	9.20%	27.68%
	Other Charges (kWh)	1,060	0.0139	14.71	1,056	0.0135	14.26	(0.45)	(3.06%)	9.88%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.17%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	27.04%
	Cost of Power Commodity (kWh)	460	0.0750	34.51	456	0.0750	34.20	(0.31)	(0.89%)	23.71%
	Total Bill Before Taxes			125.02			127.63	2.60	2.08%	88.50%
	HST		13.00%	16.25		13.00%	16.59	0.34	2.08%	11.50%
	Total Bill			141.28			144.22	2.94	2.08%	100.00

### **RESIDENTIAL URBAN** 2010 BILL IMPACT -CHARGE CHARGE Volume % of Total Bill Consumption 15.62 1,500 0.0180 0.0157 11.20% 1,500 kWh Distribution (kWh) 27.00 1,500 23.55 Low Voltage Rider (kWh) 3.45 1,500 0.0023 1,500 0.0005 0.75 0.36% (78.26%) Smart Meter Rider (per month) 1.00 1.00 0.00 0.00% 0.48% LRAM & SSM Rider (kWh) Deferrral & Variance Acct (kWh) May 1,500 0.00 0.0000 0.00 0.00 #DIV/0! 0.00% 1,500 (0.0064) 1,500 (9.60) 1,500 (9.60) (4.57%) (0.0064)0.00 0.00% Deferrral & Variance Acct (kWn) May 2010-April 2012 Deferrral & Variance Acct (kWh) May 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Ma 2010 - April 2012 Non-RPP Only. 1,500 0.00 1,500 0.0001 0.15 0.15 #DIV/0! 1,500 0.0007 1.05 1,500 0.0007 1.05 0.00 0.00% Global Adjustmenr Rate Rider (kWh) Ma 2011 - April 2012 Non-RPP Only. 1,500 1,500 0.0016 2.40 Distribution Sub-Total 32.94 34.92 1.98 6.01% 16.61% 1,590 0.0103 1,584 16.38 1.67% etail Transmisssion (kWh) Delivery Sub-Total 49.32 51.57 2.25 4.57% 24.54% Other Charges (kWh) 1,590 0.0139 22.06 1,584 0.0135 21.38 10.17% 0.25 0.25 0.00 0.00% Other Charges (per month) 0.12% 18.56% Cost of Power Commodity (kWh) 600 0.0650 39.00 600 0.0650 39.00 0.00 0.00% Total Bill Before Taxes 184.89 186.00 1.12 0.60% 88.50% 13.00% 13.00% Total Bill 210.19 0.60% 100.00%

# **RESIDENTIAL SUBURBAN**

Consum	otion
400.1	-3.671-

ĺ		2010 BII	LL		2011 BIL	L		IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge			10.65			15.62	4.97	46.67%	50.28%
Distribution (kWh)	100	0.0134	1.34	100	0.0157	1.57	0.23	17.16%	5.05%
Low Voltage Rider (kWh)	100	0.0022	0.22	100	0.0005	0.05	(0.17)	(77.27%)	0.16%
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	3.22%
LRAM & SSM Rider (kWh)	100		0.00	100	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Acct (kWh) May 2010-April 2012	100	(0.0064)	(0.64)	100	(0.0064)	(0.64)	0.00	0.00%	(2.06%)
Deferrral & Variance Acct (kWh) May 2011-April 2012	100		0.00	100	0.0001	0.01	0.01	#DIV/0!	0.03%
Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	100	0.0007	0.07	100	0.0007	0.07	0.00	0.00%	0.23%
Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	100		0.00	100	0.0016	0.16	0.16	#DIV/0!	0.52%
Distribution Sub-Total			12.64			17.84	5.20	41.14%	57.43%
Retail Transmisssion (kWh)	106	0.0103	1.09	106	0.0105	1.11	0.02	1.67%	3.57%
Delivery Sub-Total			13.73			18.95	5.22	38.00%	61.00%
Other Charges (kWh)	106	0.0139	1.47	106	0.0135	1.43	(0.05)	(3.06%)	4.59%
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.80%
Cost of Power Commodity (kWh)	106	0.0650	6.89	106	0.0650	6.86	(0.03)	(0.39%)	22.10%
Total Bill Before Taxes			22.34			27.49	5.15	23.03%	88.50%
HST		13.00%	2.90		13.00%	3.57	0.67	23.03%	11.50%
Total Bill			25.25			31.06	5.82	23.03%	100.00%

### **RESIDENTIAL SUBURBAN**

Consumption	
250 kWh	

		2010 BII	LL		2011 BII	LL	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge			10.65			15.62	4.97	46.67%	31.84%	
Distribution (kWh)	250	0.0134	3.35	250	0.0157	3.93	0.58	17.16%	8.00%	
Low Voltage Rider (kWh)	250	0.0022	0.55	250	0.0005	0.13	(0.43)	(77.27%)	0.25%	
Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	2.04%	
LRAM & SSM Rider (kWh)	250		0.00	250	0.0000	0.00	0.00	#DIV/0!	0.00%	
Deferrral & Variance Acct (kWh) May 2010-April 2012	250	(0.0064)	(1.60)	250	(0.0064)	(1.60)	0.00	0.00%	(3.26%)	
Deferrral & Variance Acct (kWh) May 2011-April 2012	250		0.00	250	0.0001	0.03	0.03	#DIV/0!	0.05%	
Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	250	0.0007	0.00	250	0.0007	0.18	0.18	#DIV/0!	0.36%	
Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	250		0.00	250	0.0016	0.40	0.40	#DIV/0!	0.82%	
Distribution Sub-Total			13.95			19.67	5.72	41.00%	40.09%	
Retail Transmisssion (kWh)	265	0.0103	2.73	264	0.0105	2.78	0.05	1.67%	5.66%	
Delivery Sub-Total			16.68			22.45	5.77	34.57%	45.75%	
Other Charges (kWh)	265	0.0139	3.68	264	0.0135	3.56	(0.11)	(3.06%)	7.26%	
Other Charges (per month)			0.25			0.25	0.00	0.00%	0.51%	
Cost of Power Commodity (kWh)	265	0.0650	17.23	264	0.0650	17.16	(0.07)	(0.39%)	34.97%	
Total Bill Before Taxes			37.83			43.42	5.59	14.77%	88.50%	
HST		13.00%	4.92		13.00%	5.64	0.73	14.77%	11.50%	
Total Bill			42.75			49.06	6.31	14.77%	100.00%	

		KESIDI	ENTIAL	. SUBUR	BAN					
			2010 BI	LL	2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bi
Consumption	Monthly Service Charge			10.65			15.62	4.97	46.67%	19.76%
500 kWh	Distribution (kWh)	500	0.0134	6.70	500	0.0157	7.85	1.15	17.16%	9.93%
	Low Voltage Rider (kWh)	500	0.0022	1.10	500	0.0005	0.25	(0.85)	(77.27%)	0.32%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	1.26%
	LRAM & SSM Rider (kWh)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	500	(0.0064)	(3.20)	500	(0.0064)	(3.20)	0.00	0.00%	(4.05%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	500		0.00	500	0.0001	0.05	0.05	#DIV/0!	0.06%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	500	0.0007	0.35	500	0.0007	0.35	0.00	0.00%	0.44%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.0016	0.80	0.80	#DIV/0!	1.01%
	Distribution Sub-Total			16.60			22.72	6.12	36.87%	28.74%
	Retail Transmisssion (kWh)	530	0.0103	5.46	528	0.0105	5.55	0.09	1.67%	7.02%
	Delivery Sub-Total			22.06			28.27	6.21	28.16%	35.76%
	Other Charges (kWh)	530	0.0139	7.35	528	0.0135	7.13	(0.23)	(3.06%)	9.02%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.32%
	Cost of Power Commodity (kWh)	530	0.0650	34.45	528	0.0650	34.32	(0.13)	(0.39%)	43.41%
	Total Bill Before Taxes			64.12			69.97	5.85	9.13%	88.50%
	HST		13.00%	8.34		13.00%	9.10	0.76	9.13%	11.50%
	Total Bill		•	72.45			79.06	6.61	9.13%	100.00%

		RESID	ENTIAL	SUBUR	BAN					
			2010 BI	LL	2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption	Monthly Service Charge			10.65			15.62	4.97	46.67%	14.04%
750 kWh	Distribution (kWh)	750	0.0134	10.05	750	0.0157	11.78	1.73	17.16%	10.59%
	Low Voltage Rider (kWh)	750	0.0022	1.65	750	0.0005	0.38	(1.28)	(77.27%)	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.90%
	LRAM & SSM Rider (kWh)	750		0.00	750	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	750	(0.0064)	(4.80)	750	(0.0064)	(4.80)	0.00	0.00%	(4.32%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	750		0.00	750	0.0001	0.08	0.08	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	750	0.0007	0.53	750	0.0007	0.53	0.00	0.00%	0.47%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	750		0.00	750	0.0016	1.20	1.20	#DIV/0!	1.08%
	Distribution Sub-Total			19.08			25.77	6.70	35.10%	23.17%
	Retail Transmisssion (kWh)	795	0.0103	8.19	792	0.0105	8.33	0.14	1.67%	7.49%
	Delivery Sub-Total			27.26			34.10	6.83	25.06%	30.65%
	Other Charges (kWh)	795	0.0139	11.03	792	0.0135	10.69	(0.34)	(3.06%)	9.61%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.22%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	35.06%
	Cost of Power Commodity (kWh)	195	0.0750	14.63	192	0.0750	14.40	(0.23)	(1.58%)	12.95%
	Total Bill Before Taxes			92.17			98.44	6.26	6.79%	88.50%
	HST		13.00%	11.98		13.00%	12.80	0.81	6.79%	11.50%
	Total Bill		•	104.16			111.23	7.08	6.79%	100.00%

	Ī	2010 BILL			2011 BILL					
		Volume	RATE	CHARGE \$	Volume	RATE \$	CHARGE \$	\$		% of Total B
Consumption	Monthly Service Charge			10.65			15.62	4.97	46.67%	13.26%
800 kWh	Distribution (kWh)	800	0.0134	10.72	800	0.0157	12.56	1.84	17.16%	10.66%
	Low Voltage Rider (kWh)	800	0.0022	1.76	800	0.0005	0.40	(1.36)	(77.27%)	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.85%
	LRAM & SSM Rider (kWh)	800		0.00	800	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	800	(0.0064)	(5.12)	800	(0.0064)	(5.12)	0.00	0.00%	(4.35%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	800		0.00	800	0.0001	0.08	0.08	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	800	0.0007	0.56	800	0.0007	0.56	0.00	0.00%	0.48%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	800		0.00	800	0.0016	1.28	1.28	#DIV/0!	1.09%
	Distribution Sub-Total			19.57			26.38	6.81	34.80%	22.39%
	Retail Transmisssion (kWh)	848	0.0103	8.74	845	0.0105	8.88	0.15	1.67%	7.54%
	Delivery Sub-Total			28.31			35.26	6.96	24.57%	29.93%
	Other Charges (kWh)	848	0.0139	11.76	845	0.0135	11.40	(0.36)	(3.06%)	9.68%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.21%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	33.10%
	Cost of Power Commodity (kWh)	248	0.0750	18.61	245	0.0750	18.36	(0.25)	(1.33%)	15.58%
	Total Bill Before Taxes			97.93			104.28	6.35	6.48%	88.50%
	HST		13.00%	12.73		13.00%	13.56	0.83	6.48%	11.50%
	Total Bill			110.66			117.83	7.17	6.48%	100.00%

### **RESIDENTIAL SUBURBAN** 2011 BILL Volume Volume % of Total Bill **\$** 15.62 Monthly Service Charge 10.65 46.67% 10.83% 1,000 kWh Distribution (kWh) 1.000 0.0134 13.40 1.000 0.0157 15.70 2.30 17.16% 10.89% Low Voltage Rider (kWh) Smart Meter Rider (per month) 0.0022 1,000 0.0005 (77.27%) 0.00% 1,000 2.20 0.50 0.35% 1.00 1.00 0.00 0.69% LRAM & SSM Rider (kWh) Deferrral & Variance Acct (kWh) May 1.000 0.00 1,000 0.0000 0.00 0.00 #DIV/0! 0.00% 1,000 (0.0064) (6.40) 1,000 (0.0064) (6.40) 0.00 0.00% (4.44%) 2010-April 2012 Deferrral & Variance Acct (kWh) May Deferral & Variance Acct (kWh) May 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Ma 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 2011 - April 2012 Non-RPP Only. Distribution Sub-Total 1,000 0.00 1,000 0.0001 0.10 #DIV/0! 0.07% 1,000 0.0007 1,000 0.70 0.00 0.00% 0.49% 0.70 0.0007 1,000 1,000 1.60 1.60 #DIV/0! 1.11% 0.00 0.0016 21.55 28.82 7.27 33.74% 19.98% Retail Transmisssion (kWh) 10.92 1.056 11.10 0.18 7 70% Delivery Sub-Total 32.47 39.92 7.45 22.95% 27.68% 1,060 1,056 0.0135 0.0139 14.26 Other Charges (kWh) 14.71 9.88% 0.25 0.00 0.00% 0.17% Other Charges (per month) 0.25 39.00 39.00 0.00% est of Power Commodity (kWh) 460 0.0750 34 51 456 0.0750 34 20 23.71% Total Bill Before Taxes 5.53% 120.93 127.63 6.69 88.50% 15.72 **136.65** 16.59 **144.22** 0.87 **7.56** Total Bill 5.53% 100.00%

		RESID	ENTIAL	SUBUR	BAN					
			2010 BI	LL	2011 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bi
Consumption	Monthly Service Charge			10.65			15.62	4.97	46.67%	7.43%
1,500 kWh	Distribution (kWh)	1,500	0.0134	20.10	1,500	0.0157	23.55	3.45	17.16%	11.20%
	Low Voltage Rider (kWh)	1,500	0.0022	3.30	1,500	0.0005	0.75	(2.55)	(77.27%)	0.36%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.48%
	LRAM & SSM Rider (kWh)	1,500		0.00	1,500	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	1,500	(0.0064)	(9.60)	1,500	(0.0064)	(9.60)	0.00	0.00%	(4.57%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	1,500		0.00	1,500	0.0001	0.15	0.15	#DIV/0!	0.07%
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	1,500	0.0007	1.05	1,500	0.0007	1.05	0.00	0.00%	0.50%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	1,500		0.00	1,500	0.0016	2.40	2.40	#DIV/0!	1.14%
	Distribution Sub-Total			26.50			34.92	8.42	31.77%	16.61%
	Retail Transmisssion (kWh)	1,590	0.0103	16.38	1,584	0.0105	16.65	0.27	1.67%	7.92%
	Delivery Sub-Total			42.88			51.57	8.69	20.27%	24.54%
	Other Charges (kWh)	1,590	0.0139	22.06	1,584	0.0135	21.38	(0.68)	(3.06%)	10.17%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.12%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	18.56%
	Cost of Power Commodity (kWh)	990	0.0750	74.26	984	0.0750	73.80	(0.46)	(0.62%)	35.11%
	Total Bill Before Taxes			178.45			186.00	7.56	4.23%	88.50%
	HST		13.00%	23.20		13.00%	24.18	0.98	4.23%	11.50%
	Total Bill			201.65			210.19	8.54	4.23%	100.00%

	GENERAL	SER	VICE <	50 KW -	PW Ier	ritory				
		- 2	2010 BII	LL	2011 BILL			IMPACT		
	•	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bi
Consumption Monthly Service Charge				10.35			36.77	26.42	255.27%	12.70%
2,000 kWh Distribution (kWh)		2,000	0.0176	35.20	2,000	0.0134	26.80	(8.40)	(23.86%)	9.26%
Low Voltage Rider (kW	n)	2,000	0.0018	3.60	2,000	0.0004	0.80	(2.80)	(77.78%)	0.28%
Smart Meter Rider (per	month)			1.00			1.00	0.00	0.00%	0.35%
LRAM & SSM Rider (kV		2,000		0.00	2,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferrral & Variance Ad 2010-April 2012	ct (kWh) May	2,000	(0.0065)	(13.00)	2,000	(0.0065)	(13.00)	0.00	0.00%	(4.49%)
Deferrral & Variance Ad 2011-April 2012	ct (kWh) May	2,000		0.00	2,000	(0.0013)	(2.60)	(2.60)	#DIV/0!	(0.90%)
Global Adjustmenr Rate 2010 - April 2012 Non-F		2,000	0.0007	1.40	2,000	0.0007	1.40	0.00	0.00%	0.48%
Global Adjustmenr Rate 2011 - April 2012 Non-F		2,000		0.00	2,000	0.0019	3.80	3.80	#DIV/0!	1.31%
Distribution S	ub-Total			38.55			54.97	16.42	42.59%	18.99%
Retail Transmisssion (k	Wh)	2,120	0.0092	19.51	2,112	0.0095	20.07	0.57	2.90%	6.93%
Delivery Su	o-Total			58.06			75.04	16.99	29.26%	25.92%
Other Charges (kWh)		2,120	0.0139	29.41	2,112	0.0135	28.51	(0.90)	(3.06%)	9.85%
Other Charges (per mo	nth)			0.25			0.25	0.00	0.00%	0.09%
Cost of Power Commod	lity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	13.47%
Cost of Power Commod	lity (kWh)	1,520	0.0750	114.02	1,512	0.0750	113.40	(0.62)	(0.54%)	39.17%
Total Bill Befo	re Taxes			240.73			256.20	\$15.47	6.43%	88.50%
HST			13.00%	31.30		13.00%	33.31	2.01	6.43%	11.50%
Total E	ill			272.03			289.51	\$17.48	6.43%	100.00%

### **GENERAL SERVICE < 50 kW** IMPAC CHARGE CHARGE **\$** 36.77 10.35 Consumption Monthly Service Charge 26.42 255.27% 6.77% 4,000 kWh Distribution (kWh) 4,000 0.0176 70.40 4,000 0.0134 53.60 9.87% (16.80 ow Voltage Rider (kWh) 4,000 0.0018 7.20 4,000 0.0004 1.60 0.29% mart Meter Rider (per month 1.00 1.00 0.00 0.18% 0.00% Smart weeker Nicher (her möhlin) LRAM & SSM Rider (kWh) Deferrral & Variance Acct (kWh) May 2010-April 2012 Deferrral & Variance Acct (kWh) May 2011-April 2012 Global Adjustmenr Rate Rider (kWh) May 2011-April 2012 Global Adjustmenr Rate Rider (kWh) May 2010. April 2012 Nova BBD Chylix 4,000 0.00 4,000 0.0000 0.00 0.00 #DIV/0! 0.00% 4,000 (0.0065) (26.00) 4,000 (0.0065) (26.00) 0.00 0.00% (4.79%) 4,000 4,000 #DIV/0! 0.00 (0.0013) (5.20) (5.20) (0.96%) 4,000 0.0007 0.00% 2.80 4,000 0.0007 2.80 0.00 0.52% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 7.60 #DIV/0! 4,000 0.00 4,000 7.60 1.40% 0.0019 2011 - April 2012 Non-RPP Only. Distribution Sub-Total 65.75 6.42 9.76% 13.30% 4,240 0.0092 4,224 0.0095 Retail Transmisssion (kWh) 39.01 40.14 1.13 2.90% Delivery Sub-Total 104.76 112.31 20.69% Other Charges (kWh) 4,240 0.0139 58.82 4,224 0.0135 57.02 10.50% 0.00 0.00% Other Charges (per month) 0.25 0.25 0.05% 600 0.00% ost of Power Commodity (kWh) 271.80 ost of Power Commodity (kWh) 3.640 0.0750 273.03 3.624 0.0750 50.07% Total Bill Before Taxes 475.87 480.39 \$4.52 0.95% 88.50% 61.86 **537.73** 62.45 **542.8**4 Total Bill 100.00%

	-				L 2011 BILL						
			2010 BI					IMPACT		Т	
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bi	
Consumption	Monthly Service Charge			10.35			36.77	26.42	255.27%	2.82%	
10,000 kWh	Distribution (kWh)	10,000	0.0176	176.00	10,000	0.0134	134.00	(42.00)	(23.86%)	10.29%	
	Low Voltage Rider (kWh)	10,000	0.0018	18.00	10,000	0.0004	4.00	(14.00)	(77.78%)	0.31%	
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.08%	
	LRAM & SSM Rider (kWh)	10,000		0.00	10,000	0.0000	0.00	0.00	#DIV/0!	0.00%	
	Deferrral & Variance Acct (kWh) May 2010-April 2012	10,000	(0.0065)	(65.00)	10,000	(0.0065)	(65.00)	0.00	0.00%	(4.99%)	
	Deferrral & Variance Acct (kWh) May 2011-April 2012	10,000		0.00	10,000	(0.0013)	(13.00)	(13.00)	#DIV/0!	(1.00%)	
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	10,000	0.0007	7.00	10,000	0.0007	7.00	0.00	0.00%	0.54%	
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	10,000		0.00	10,000	0.0019	19.00	19.00	#DIV/0!	1.46%	
	Distribution Sub-Total			147.35			123.77	(23.58)	(16.00%)	9.50%	
	Retail Transmisssion (kWh)	10,601	0.0092	97.53	10,560	0.0095	100.36	2.83	2.90%	7.70%	
	Delivery Sub-Total			244.88			224.13	(20.75)	(8.47%)	17.20%	
	Other Charges (kWh)	10,601	0.0139	147.06	10,560	0.0135	142.56	(4.50)	(3.06%)	10.94%	
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.02%	
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	2.99%	
	Cost of Power Commodity (kWh)	10,001	0.0750	750.08	9,960	0.0750	746.99	(3.08)	(0.41%)	57.34%	
	Total Bill Before Taxes			1,181.27			1,152.93	(28.33)	(2.40%)	88.50%	
	HST		13.00%	153.56		13.00%	149.88	(3.68)	(2.40%)	11.50%	
	Total Bill			1.334.83			1,302,81	(\$32.02)	(2.40%)	100.00%	

	Ī		2010 BI	LL		2011 BII	LL	IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bit
Consumption	Monthly Service Charge			10.35			36.77	26.42	255.27%	2.27%
12,500 kWh	Distribution (kWh)	12,500	0.0176	220.00	12,500	0.0134	167.50	(52.50)	(23.86%)	10.34%
	Low Voltage Rider (kWh)	12,500	0.0018	22.50	12,500	0.0004	5.00	(17.50)	(77.78%)	0.31%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.06%
	LRAM & SSM Rider (kWh)	12,500		0.00	12,500	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	12,500	(0.0065)	(81.25)	12,500	(0.0065)	(81.25)	0.00	0.00%	(5.02%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	12,500		0.00	12,500	(0.0013)	(16.25)	(16.25)	#DIV/0!	(1.00%)
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	12,500	0.0007	8.75	12,500	0.0007	8.75	0.00	0.00%	0.54%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	12,500		0.00	12,500	0.0019	23.75	23.75	#DIV/0!	1.47%
	Distribution Sub-Total			181.35			145.27	(36.08)	(19.90%)	8.97%
	Retail Transmisssion (kWh)	13,251	0.0092	121.91	13,200	0.0095	125.45	3.54	2.90%	7.75%
	Delivery Sub-Total			303.26			270.72	(32.54)	(10.73%)	16.72%
	Other Charges (kWh)	13,251	0.0139	183.83	13,200	0.0135	178.20	(5.63)	(3.06%)	11.00%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.02%
	Cost of Power Commodity (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.00%	2.41%
	Cost of Power Commodity (kWh)	12,651	0.0750	948.84	12,600	0.0750	944.99	(3.85)	(0.41%)	58.35%
	Total Bill Before Taxes			1,475.18			1,433.16	(42.02)	(2.85%)	88.50%
	HST		13.00%	191.77		13.00%	186.31	(5.46)	(2.85%)	11.50%
	Total Bill			1.666.96			1.619.47	(\$47.49)	(2.85%)	100.00%

### **GENERAL SERVICE < 50 kW** 2011 BILL IMPAC1 Volume % of Total Bill **\$** 36.77 Consumption Monthly Service Charge 10.35 26.42 255.27% 1.90% 15,000 kWh 0.0134 15,000 0.0176 264.00 15,000 201.00 10.38% Distribution (kWh) ow Voltage Rider (kWh) 15,000 0.0018 27.00 15,000 0.0004 6.00 0.31% 1.00 0.00 Smart Meter Rider (per month) 1.00 0.00% 0.05% LRAM & SSM Rider (kWh) 15,000 15,000 0.0000 0.00 0.00 0.00 #DIV/0! 0.00% eferrral & Variance Acct (kWh) May 15,000 (0.0065) (97.50) 15,000 (0.0065) (97.50) 0.00 (5.04%) Deferral & Variance Acct (kWh) May 2010-April 2012 Deferral & Variance Acct (kWh) May 2011-April 2012 Global Adjustmenr Rate Rider (kWh) Ma 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kWh) Ma 2011 - April 2012 Non-RPP Only. 0.00% 15.000 15.000 #DIV/0! 0.00 (0.0013) (19.50) (19.50) (1.01%) 15,000 0.0007 10.50 15,000 0.0007 10.50 0.00 0.00% 0.54% 15,000 0.00 15,000 0.0019 28.50 28.50 #DIV/0! 1.47% 215.35 166.77 8.61% Distribution Sub-Total 15,902 0.0092 15,840 0.0095 146.29 2.90% Delivery Sub-Total 361.64 317.31 (44.33) 16.39% Other Charges (kWh) 15,902 0.0139 220.59 15,840 0.0135 213.84 11.04% Other Charges (per month) 0.25 0.25 0.00 0.00% 0.01% Cost of Power Commodity (kWh) 600 0.0650 39.00 600 0.0650 39.00 0.00 0.00% 2.01% ost of Power Commodity (kWh) 15,302 0.0750 1,147.61 15,240 0.0750 1,142.99 59.03% Total Bill Before Taxes 1,713.39 88.50% 1,769.10 229.98 Total Bill 1,999.08 1,936.13 100.00%

	G	ENER	AL SEF	RVICE >	50 kW					
			2010 BI	LL		2011 BII	LL		IMPAC1	
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total B
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	4.92%
30,000 kWh	Distribution (kW)	100	6.3575	635.75	100	4.1794	417.94	(217.81)	(34.26%)	11.63%
100 kW	Low Voltage Rider (kW)	100	0.7962	79.62	100	0.1592	15.92	(63.70)	(80.01%)	0.44%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.03%
	LRAM & SSM Rider (kW)	100		0.00	100	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	100	(1.9651)	(196.51)	100	(1.9651)	(196.51)	0.00	0.00%	(5.47%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	100		0.00	100	(0.6074)	(60.74)	(60.74)	#DIV/0!	(1.69%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	100	0.3116	31.16	100	0.3116	31.16	0.00	0.00%	0.87%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	100		0.00	100	0.6398	63.98	63.98	#DIV/0!	1.78%
	Distribution Sub-Total			573.77			449.75	(124.02)	(21.61%)	12.51%
	Retail Transmisssion (kW)	100	3.7002	370.02	100	3.8258	382.58	12.56	3.39%	10.64%
	Delivery Sub-Total			943.79			832.33	(111.46)	(11.81%)	23.16%
	Other Charges (kWh)	31,803	0.0139	441.19	31,680	0.0135	427.68	(13.51)	(3.06%)	11.90%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.01%
	Cost of Power Commodity (kWh)	31,803	0.0606	1,927.90	31,680	0.0606	1,920.42	(7.47)	(0.39%)	53.43%
	Total Bill Before Taxes		•	3,313.12			3,180.68	(132.44)	(4.00%)	88.50%
	HST		13.00%	430.71		13.00%	413.49	(17.22)	(4.00%)	11.50%
	Total Bill		•	3,743.83			3,594.17	(149.66)	(4.00%)	100.00%

	GENER A	AL SER	VICE >	50 kW -	PW Ter	ritory				
			2010 BI	LL	1	2011 BII	LL	IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bil
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	2.78%
55,000 kWh	Distribution (kW)	175	6.3575	1,112.56	175	4.1794	731.40	(381.17)	(34.26%)	11.50%
175 kW	Low Voltage Rider (kW)	175	0.7962	139.34	175	0.1592	27.86	(111.48)	(80.01%)	0.44%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.02%
	LRAM & SSM Rider (kW)	175		0.00	175	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	175	(1.9651)	(343.89)	175	(1.9651)	(343.89)	0.00	0.00%	(5.41%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	175		0.00	175	(0.6074)	(106.30)	(106.30)	#DIV/0!	(1.67%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	175	0.3116	54.53	175	0.3116	54.53	0.00	0.00%	0.86%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	175		0.00	175	0.6398	111.97	111.97	#DIV/0!	1.76%
	Distribution Sub-Total			986.29			653.56	(332.72)	(33.73%)	10.28%
	Retail Transmisssion (kW)	175	3.7002	647.54	175	3.8258	669.52	21.98	3.39%	10.53%
	Delivery Sub-Total			1,633.82			1,323.08	(310.74)	(19.02%)	20.80%
	Other Charges (kWh)	58,306	0.0139	808.84	58,079	0.0135	784.07	(24.77)	(3.06%)	12.33%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	58,306	0.0606	3,534.48	58,079	0.0606	3,520.78	(13.70)	(0.39%)	55.36%
	Total Bill Before Taxes		•	5,977.39			5,628.18	(349.21)	(5.84%)	88.50%
	HST		13.00%	777.06		13.00%	731.66	(45.40)	(5.84%)	11.50%
	Total Bill		•	6,754.45			6,359.84	(394.61)	(5.84%)	100.00%

			2010 BI	LL		2011 BII	L			
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	0.82%
200,000 kWh	Distribution (kW)	500	6.3575	3,178.75	500	4.1794	2,089.70	(1,089.05)	(34.26%)	9.68%
500 kW	Low Voltage Rider (kW)	500	0.7962	398.10	500	0.1592	79.60	(318.50)	(80.01%)	0.37%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
	LRAM & SSM Rider (kW)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	500	(1.9651)	(982.55)	500	(1.9651)	(982.55)	0.00	0.00%	(4.55%
	Deferrral & Variance Acct (kW) May 2011- April 2012	500		0.00	500	(0.6074)	(303.70)	(303.70)	#DIV/0!	(1.419
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	500	0.3116	155.80	500	0.3116	155.80	0.00	0.00%	0.729
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.6398	319.90	319.90	#DIV/0!	1.48%
	Distribution Sub-Total			2,773.85			1,536.75	(1,237.10)	(44.60%)	7.12%
	Retail Transmisssion (kW)	500	3.7002	1,850.10	500	3.8258	1,912.90	62.80	3.39%	8.86%
	Delivery Sub-Total			4,623.95			3,449.65	(1,174.30)	(25.40%)	15.98
	Other Charges (kWh)	212,020	0.0139	2,941.25	211,198	0.0135	2,851.17	(90.07)	(3.06%)	13.219
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	212,020	0.0606	12,852.65	211,198	0.0606	12,802.83	(49.83)	(0.39%)	59.319
	Total Bill Before Taxes			20,418.10			19,103.90	(1,314.20)	(6.44%)	88.509
	HST		13.00%	2,654.35		13.00%	2,483.51	(170.85)	(6.44%)	11.509
	Total Bill			23.072.45			21.587.41	(1,485.04)	(6.44%)	100.00

		ENER	AI SEE	RVICE >	50 kW					
					JU KVV					
		Volume	2010 BI	CHARGE	Volume	2011 BII	CHARGE	Change	IMPAC1 Change	% of Total Bi
		Volume	\$	\$	Volume	\$	\$	\$	%	
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	0.21%
800,000 kWh	Distribution (kW)	2,000	6.3575	12,715.00	2,000	4.1794	8,358.80	(4,356.20)	(34.26%)	9.75%
2,000 kW	Low Voltage Rider (kW)	2,000	0.7962	1,592.40	2,000	0.1592	318.40	(1,274.00)	(80.01%)	0.37%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
	LRAM & SSM Rider (kW)	2,000		0.00	2,000	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	2,000	(1.9651)	(3,930.20)	2,000	(1.9651)	(3,930.20)	0.00	0.00%	(4.58%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	2,000		0.00	2,000	(0.6074)	(1,214.80)	(1,214.80)	#DIV/0!	(1.42%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	2,000	0.3116	623.20	2,000	0.3116	623.20	0.00	0.00%	0.73%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	2,000		0.00	2,000	0.6398	1,279.60	1,279.60	#DIV/0!	1.49%
	Distribution Sub-Total			11,024.15			5,613.00	(5,411.15)	(49.08%)	6.55%
	Retail Transmisssion (kW)	2,000	3.7002	7,400.40	2,000	3.8258	7,651.60	251.20	3.39%	8.92%
	Delivery Sub-Total			18,424.55			13,264.60	(5,159.95)	(28.01%)	15.47%
	Other Charges (kWh)	848,080	0.0139	11,764.99	844,792	0.0135	11,404.69	(360.29)	(3.06%)	13.30%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	848,080	0.0606	51,410.61	844,792	0.0606	51,211.30	(199.31)	(0.39%)	59.72%
	Total Bill Before Taxes		•	81,600.40		•	75,880.85	(5,719.55)	(7.01%)	88.50%
	HST		13.00%	10,608.05		13.00%	9,864.51	(743.54)	(7.01%)	11.50%
	Total Bill		-	92,208.45		•	85,745.36	(6.463.09)	(7.01%)	100.00%

	G	ENER	AL SEF	RVICE >	50 kW					
			2010 BI	LL		2011 BI	LL		IMPAC1	ſ
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bi
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	0.10%
1,600,000 kWh	Distribution (kW)	4,000	6.3575	25,430.00	4,000	4.1794	16,717.60	(8,712.40)	(34.26%)	9.76%
4,000 kW	Low Voltage Rider (kW)	4,000	0.7962	3,184.80	4,000	0.1592	636.80	(2,548.00)	(80.01%)	0.37%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
	LRAM & SSM Rider (kW)	4,000		0.00	4,000	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	4,000	(1.9651)	(7,860.40)	4,000	(1.9651)	(7,860.40)	0.00	0.00%	(4.59%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	4,000		0.00	4,000	(0.6074)	(2,429.60)	(2,429.60)	#DIV/0!	(1.42%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	4,000	0.3116	1,246.40	4,000	0.3116	1,246.40	0.00	0.00%	0.73%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	4,000		0.00	4,000	0.6398	2,559.20	2,559.20	#DIV/0!	1.49%
	Distribution Sub-Total			22,024.55			11,048.00	(10,976.55)	(49.84%)	6.45%
	Retail Transmisssion (kW)	4,000	3.7002	14,800.80	4,000	3.8258	15,303.21	502.41	3.39%	8.93%
	Delivery Sub-Total			36,825.35			26,351.21	(10,474.14)	(28.44%)	15.38%
	Other Charges (kWh)	1,696,160	0.0139	23,529.98	1,689,584	0.0135	22,809.39	(720.59)	(3.06%)	13.32%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	1,696,160	0.0606	102,821.22	1,689,584	0.0606	102,422.61	(398.61)	(0.39%)	59.80%
	Total Bill Before Taxes			163,176.80			151,583.46	(11,593.34)	(7.10%)	88.50%
	HST		13.00%	21,212.98		13.00%	19,705.85	(1,507.13)	(7.10%)	11.50%
	Total Bill			184,389.78			171,289.31	(13,100.48)	(7.10%)	100.00%

	İ		2010 BI	LL 201		2011 RI	2011 BILL		I IMPACT	
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total
Consumption	Monthly Service Charge			22.75			177.00	154.25	678.02%	0.07%
2,400,000 kWh	Distribution (kW)	5,400	6.3575	34,330.50	5,400	4.1794	22,568.76	(11,761.74)	(34.26%)	8.94%
5,400 kW	Low Voltage Rider (kW)	5,400	0.7962	4,299.48	5,400	0.1592	859.68	(3,439.80)	(80.01%)	0.34%
	Smart Meter Rider (per month)			1.00			1.00	0.00	0.00%	0.00%
	LRAM & SSM Rider (kW)	5,400		0.00	5,400	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	5,400	(1.9651)	(10,611.54)	5,400	(1.9651)	(10,611.54)	0.00	0.00%	(4.20%
	Deferrral & Variance Acct (kW) May 2011- April 2012	5,400		0.00	5,400	(0.6074)	(3,279.96)	(3,279.96)	#DIV/0!	(1.30%
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	5,400	0.3116	1,682.64	5,400	0.3116	1,682.64	0.00	0.00%	0.67%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	5,400		0.00	5,400	0.6398	3,454.92	3,454.92	#DIV/0!	1.37%
	Distribution Sub-Total			29,724.83			14,852.50	(14,872.33)	(50.03%)	5.88%
	Retail Transmisssion (kW)	5,400	3.7002	19,981.08	5,400	3.8258	20,659.33	678.25	3.39%	8.19%
	Delivery Sub-Total			49,705.91			35,511.83	(14,194.08)	(28.56%)	14.07%
	Other Charges (kWh)	2,544,240	0.0139	35,294.97	2,534,377	0.0135	34,214.08	(1,080.88)	(3.06%)	13.56%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.00%
	Cost of Power Commodity (kWh)	2,544,240	0.0606	154,231.83	2,534,377	0.0606	153,633.91	(597.92)	(0.39%)	60.87%
	Total Bill Before Taxes			239,232.96			223,360.08	(15,872.88)	(6.63%)	88.50%
	HST		13.00%	31,100.28		13.00%	29,036.81	(2,063.47)	(6.63%)	11.50%
	Total Bill			270.333.24			252.396.89	(17,936.35)	(6.63%)	100.009

# **Peninsula West Bill Impacts (Monthly consumption)**

	ı	2010 BILL 2011 BILL IMPACT								
			2010 BI			2011 BI		01		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total B
Billing Determinants	Monthly Service Charge	1	0.5900	0.59	1	0.7587	0.76	0.17	28.59%	11.94%
1 Connections	Distribution (kW)	0	0.7961	0.11	0	2.9760	0.41	0.30	273.82%	6.48%
52.13 kWh	Low Voltage Rider (kW)	0	0.6741	0.09	0	0.1223	0.02	(0.08)	(81.86%)	0.27%
0.14 kW	LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kW) May 2010- April 2012	0	(2.1909)	(0.30)	0	(2.1909)	(0.30)	0.00	0.00%	(4.77%)
	Deferrral & Variance Acct (kW) May 2011- April 2012	0		0.00	0	(0.6325)	(0.09)	(0.09)	#DIV/0!	(1.38%)
	Global Adjustmenr Rate Rider (kW) May 2010 - April 2012 Non-RPP Only.	0	0.0000	0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
	Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only.	0		0.00	0	0.6613	0.09	0.09	#DIV/0!	1.44%
	Distribution Sub-Total			0.49			0.89	0.40	81.19%	13.98%
	Retail Transmisssion (kW)	0	2.824	0.39	0	2.9116	0.40	0.01	3.10%	6.34%
	Delivery Sub-Total			0.88			1.29	0.41	46.55%	20.33%
	Other Charges (kWh)	55	0.0139	0.77	55	0.0135	0.74	(0.02)	(3.06%)	11.70%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	3.94%
	Cost of Power Commodity (kWh)	55	0.0606	3.35	55	0.0606	3.34	(0.01)	(0.39%)	52.53%
	Total Bill Before Taxes			5.25			5.62	0.37	7.12%	88.50%
	HST		13.00%	0.68		13.00%	0.73	0.05	7.12%	11.50%
	Total Bill	·		5.93		·	6.35	0.42	7.12%	100.00%

### **Sentinel Lighting - PW Territory** 2010 BILL 2011 BILL Volume Volume % of Total Bill Billing Determinants Monthly Service Charge 1.0400 1.04 6.8477 6.85 5.81 558.43% 49.49% 0.9270 8.5542 822.78% Distribution (kW) 0 0.11 0 1.03 0.92 7.42% 1 Connections Low Voltage Rider (kW) 43.57 kWh 0 0.6051 0.07 0 0.1330 0.02 0.12% 0.12 kW LRAM & SSM Rider (kW) 0 0.00 0 0.0000 0.00 0.00 #DIV/0! 0.00% Deferrral & Variance Acct (kW) May 2010 (2.2732) 0 (2.2732) (0.27) (1.97%) Deferrral & Variance Acct (kW) May 201 0 0 1.86% 0.00 2.1490 0.26 0.26 #DIV/0! April 2012 Global Adjustmenr Rate Rider (kW) May 0 0.2799 0.03 0 0.2799 0.03 0.00 0.00% 0.24% 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider (kW) May 2011 - April 2012 Non-RPP Only. 0 0 0.9780 0.12 0.12 #DIV/0! 0.00 Distribution Sub-Total 0.98 8.03 7.04 715.13% 58.00% 2.8598 Retail Transmisssion (kW) 0 0.34 0 2.9817 0.36 0.01 4.26% 2.59% Delivery Sub-Total 1.33 8.38 7.06 531.41% 60.59% Other Charges (kWh) 46 0.0139 46 0.0135 4.49% Other Charges (per month) 0.25 0.25 0.00 0.00% 1.81% Cost of Power Commodity (kWh) 46 0.0650 3.00 46 0.0650 2.99 21.61% Total Bill Before Taxes 5.22 12.25 7.02 134.56% 88.50% 13.00% 0.68 13.00% 1.59 0.91 134.56% 11.50% HST Total Bill 5.90 13.84 7.94 134.56% 100.00%

	Unm	etered	Scatte	red - PW	Territo	ry				
			2010 BI	LL		2011 BII	LL		IMPACT	•
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption	Monthly Service Charge			5.18			19.00	13.82	266.75%	37.50%
250 kWh	Distribution (kWh)	250	0.0173	4.33	250	0.0133	3.33	(1.00)	(23.12%)	6.56%
	Low Voltage Rider (kWh)	250	0.0021	0.53	250	0.0004	0.10	(0.43)	(80.95%)	0.20%
	LRAM & SSM Rider (kWh)	250		0.00	250	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	250	(0.0064)	(1.60)	250	(0.0064)	(1.60)	0.00	0.00%	(3.16%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	250		0.00	250	(0.0005)	(0.13)	(0.13)	#DIV/0!	(0.25%)
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	250	0.0010	0.25	250	0.0010	0.25	0.00	0.00%	0.49%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	250		0.00	250	0.0016	0.40	0.40	#DIV/0!	0.79%
	Distribution Sub-Total			8.68			21.35	12.67	145.94%	42.14%
	Retail Transmisssion (kWh)	265	0.0092	2.44	264	0.0095	2.51	0.07	2.95%	4.95%
	Delivery Sub-Total			11.12			23.86	12.74	114.59%	47.09%
	Other Charges (kWh)	265	0.0139	3.68	264	0.0135	3.56	(0.11)	(3.06%)	7.04%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.49%
	Cost of Power Commodity (kWh)	265	0.0650	17.23	264	0.0650	17.16	(0.07)	(0.39%)	33.87%
	Total Bill Before Taxes			32.27			44.83	12.56	38.92%	88.50%
	нѕт		13.00%	4.20		13.00%	5.83	1.63	38.92%	11.50%
	Total Bill			36.47			50.66	14.19	38.92%	100.00%

		Unn	netered	Scatter	ed					
			2010 BI	LL		2011 BII	LL		IMPACT	Γ
_		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption	Monthly Service Charge			5.18			19.00	13.82	266.75%	23.88%
500 kWh	Distribution (kWh)	500	0.0173	8.65	500	0.0133	6.65	(2.00)	(23.12%)	8.36%
	Low Voltage Rider (kWh)	500	0.0021	1.05	500	0.0004	0.20	(0.85)	(80.95%)	0.25%
	LRAM & SSM Rider (kWh)	500		0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%
	Deferrral & Variance Acct (kWh) May 2010-April 2012	500	(0.0064)	(3.20)	500	(0.0064)	(3.20)	0.00	0.00%	(4.02%)
	Deferrral & Variance Acct (kWh) May 2011-April 2012	500		0.00	500	(0.0005)	(0.25)	(0.25)	#DIV/0!	(0.31%)
	Global Adjustmenr Rate Rider (kWh) May 2010 - April 2012 Non-RPP Only.	500	0.0010	0.50	500	0.0010	0.50	0.00	0.00%	0.63%
	Global Adjustmenr Rate Rider (kWh) May 2011 - April 2012 Non-RPP Only.	500		0.00	500	0.0016	0.80	0.80	#DIV/0!	1.01%
	Distribution Sub-Total			12.18			23.70	11.52	94.56%	29.78%
	Retail Transmisssion (kWh)	530	0.0092	4.88	528	0.0095	5.02	0.14	2.95%	6.31%
	Delivery Sub-Total			17.06			28.72	11.66	68.37%	36.09%
	Other Charges (kWh)	530	0.0139	7.35	528	0.0135	7.13	(0.23)	(3.06%)	8.96%
	Other Charges (per month)			0.25			0.25	0.00	0.00%	0.31%
	Cost of Power Commodity (kWh)	530	0.0650	34.45	528	0.0650	34.32	(0.13)	(0.39%)	43.13%
	Total Bill Before Taxes			59.11			70.42	11.30	19.12%	88.50%
	HST		13.00%	7.68		13.00%	9.15	1.47	19.12%	11.50%
	Total Bill			66.80			79.57	12.77	19.12%	100.00%

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**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. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2011.

# **SETTLEMENT AGREEMENT**

Filed: May 4, 2011

# **NIAGARA PENINSULA ENERGY INC.**

# SETTLEMENT AGREEMENT FOR APPROVAL OF ELECTRICITY DISTRIBUTION RATES

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# INTRODUCTION:

Niagara Peninsula Energy Inc. ("NPEI") is a medium sized LDC in the Province of Ontario and is responsible for providing regulated electricity distribution services to over 52,000 residential and business customers in the City of Niagara Falls, the Town of Lincoln, the Township of West Lincoln and the Town of Pelham. Niagara Peninsula Energy Inc. ("NPEI") owns and operates the electricity distribution system within its licensed service area of approximately 827 square kilometers within its service territory.

Niagara Peninsula Energy Inc. ("Niagara Peninsula") filed an application with the Ontario Energy Board, received on November 26, 2010, under section 78 of the *Ontario Energy Board Act*, 1998, seeking approval for changes to the rates that Niagara Peninsula charges for electricity distribution, to be effective May 1, 2011. The Board has assigned the application File Number EB-2010-0138.

The Board issued a Notice of Application and Hearing on December 16, 2010. Energy Probe Research Foundation ("Energy Probe"), the School Energy Coalition ("SEC"), and the Vulnerable Energy Consumers Coalition ("VECC") applied for intervenor status and cost eligibility. Mr. Jacob Birch requested intervenor status and did not apply for cost eligibility. Ms. Marie Goertzen applied for observer status. The Board determined that Mr. Birch, Energy Probe, SEC, and VECC were granted intervenor status, and Ms. Goertzen was granted observer status.

The Board issued Procedural Order No. 1 on January 20, 2011, in which it approved the Intervenors to this proceeding, and scheduled February 2, 2011 as the date for Board staff written interrogatories, February 7, 2011 as the date for Intervenors' written interrogatories, and February 25, 2011 for Niagara Peninsula Energy responses. Niagara Peninsula Energy filed its responses to the interrogatories from Board Staff, SEC and VECC on February 23, 2011 and requested an extension to March 4, 2011 for

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interrogatories from Energy Probe. Niagara Peninsula Energy filed its responses to

interrogatories from Energy Probe on March 1, 2011.

The Board issued Procedural Order No. 2 on March 9, 2011, scheduling a Technical

Conference for March 28, 2011 and a Settlement Conference for April 18, 2011

(continuing on April 19, 2011 if necessary); and May 4, 2011 for filing a Settlement

Proposal. The Technical Conference was held as scheduled on March 28, 2011. The

evidence in this proceeding (referred to here as the "Evidence") consists of the

Application and Niagara Peninsula Energy's responses to both the initial interrogatories

and the questions provided to Niagara Peninsula Energy prior to and during the

Technical Conference and its responses to the Undertakings given during the Technical

Conference. It also includes the Appendices to this Agreement.

The Settlement Conference was duly convened on April 18, 2011 in accordance with

Procedural Order No. 2, with Mr. Chris Haussmann as facilitator. The Settlement

Conference concluded on April 19, 2011. Niagara Peninsula Energy and the following

Intervenors (the "Intervenors" and collectively including Niagara Peninsula the "Parties")

participated in the Settlement Conference:

**Energy Probe** 

SEC

**VECC** 

Representatives of the Applicant and all intervenors, with the exception of Mr. Birch, participated

in the Settlement Conference.

The role adopted by OEB staff in the Settlement Conference is set out in page 5 of the

OEB Settlement Conference Guidelines ("the Guidelines"). Although OEB Staff are not

a party to this Agreement, as noted in the Guidelines, OEB Staff who did participate in

the Settlement Conference are bound by the same confidentiality standards that apply

to the Parties to the proceeding.

These settlement proceedings are subject to the rules relating to confidentiality and

privilege contained in the Guidelines. The parties understand this to mean that the

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documents and other information provided, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement – or not – of each issue during the Settlement Conference are strictly confidential and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception: the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Agreement.

# A COMPREHENSIVE PARTIAL SETTLEMENT HAS BEEN REACHED IN THIS PROCEEDING:

The Parties are pleased to advise the Board that a comprehensive settlement of all issues but two has been reached in this proceeding. The two unsettled issues which remain are described below in the section of Unsettled Matters and in Appendix A. This document comprises the Settlement Agreement (the "Agreement"), and it is presented jointly by Niagara Peninsula Energy and Energy Probe, SEC and VECC. It identifies the settled matters, and contains such references to the Evidence as are necessary to assist the Board in understanding the Agreement. The Parties confirm that the Evidence filed to date in respect of each settled issue, which includes additional information recorded in the Appendices to this Agreement, supports the settlement of the matters identified in this Agreement. In addition, the Parties agree that the Evidence contains sufficient detail, rationale and quality of information to allow the Board to make findings in keeping with the settlement reached by the Parties.

The Parties explicitly request that the Board consider and accept this Settlement Agreement as a package. None of these matters in respect of which a settlement has been reached is severable, with one exception discussed at the end of this paragraph. Numerous compromises were made by the Parties with respect to various matters to arrive at this comprehensive Agreement. The distinct issues addressed in this proposal are intricately interrelated, and reductions or increases to the agreed-upon amounts may have financial consequences in other areas of this proposal which may be unacceptable to one or more of the Parties. Subject to the one exception below, if the

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Board does not accept the Agreement in its entirety, then there is no Agreement unless the Parties agree that those portions of the Agreement that the Board does accept may continue as a valid settlement. The one exception relates to the increase in its Retail Service Charges - Service Transaction Request ("STR"), from \$0.50 per customer per month to \$1.56 per customer per month as it is a more accurate reflection of the costs incurred by NPEI in administering and settling retailer contracts. However, the Parties acknowledge that this increase in the STR retailer service charge may be of interest to the Board as a distinct and discrete issue, and the Parties agree that they will be bound by the rest of the Agreement even if the Board were to not allow for this increase. The Parties request an opportunity to make written submissions on this issue in the event that the Board is considering rejecting the settlement proposal with respect to an increase in the STR retailer service charge.

It is further acknowledged and agreed that none of the Parties will withdraw from this Agreement under any circumstances, except as provided under Rule 32.0.5 of the Board's *Rules of Practice and Procedure*.

It is also agreed that this Agreement is without prejudice to any of the Parties reexamining these issues in any other concurrent or subsequent proceeding and taking positions inconsistent with the resolution of these issues in this Agreement. However, none of the Parties will in any other proceeding take the position that the resolution therein of any issue settled in this Agreement, if inconsistent with the terms of this Agreement, should be applicable to NPEI for all or any part of the 2011 Test Year.

References to the Evidence supporting this Agreement on each issue are set out in each section of the Agreement. The Appendices to the Agreement provide further evidentiary support. The Parties agree that this Agreement and the Appendices form part of the record in EB-2010-0138. The Appendices were prepared by the Applicant. The Intervenors are relying on the accuracy and completeness of the Appendices in entering into this Agreement.

The Parties believe that the Agreement represents a balanced proposal that protects the interests of Niagara Peninsula Energy's customers, employees and shareholder and

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promotes economic efficiency and cost effectiveness. It also provides the resources which will allow Niagara Peninsula Energy Inc. to manage its assets so that the highest standards of performance levels are achieved and customers' expectations for the safe, reliable delivery of electricity, at reasonable prices, are met.

ORGANIZATION AND SUMMARY OF THE SETTLEMENT AGREEMENT:

There is no approved Issues List for this proceeding. However, for the purposes of organizing this Agreement, the Parties have followed the Board's Filing Guidelines that address all of the revenue requirement components, load forecast, deferral and variance account dispositions, cost allocation and rate design and other issues relevant to determining Niagara Peninsula Energy Inc.'s 2011 delivery rates.

The following Appendices accompany this Settlement Agreement

- Appendix A Unsettled Matters for Written Submission
- Appendix B Summary of the Significant Items Adjusted as a result of this Agreement
- Appendix C Updated Fixed Asset Continuity Schedules including Depreciation
- Appendix D Updated Cost of Power and Low Voltage Charges
- Appendix E 2011 Test Year Updated Load Forecast
- Appendix F 2011 Test Year Updated Other Revenue
- Appendix G 2011 Test Year Updated OM&A
- Appendix H 2011 Test Year Updated PILs
- Appendix I 2011 Test Year Updated Cost of Capital
- Appendix J 2011 Test Year Updated Revenue Deficiency
- Appendix K 2011 Test Year Updated Revenue to Cost Ratios
- Appendix L Summary of Updated Customer Impacts
- Appendix M Updated 2011 Low Voltage Rates

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Appendix N – 2011 Updated RTSR

Appendix O - 2011 EDDVAR rate riders

Appendix P – Updated Revenue Requirement Work form.

**UNSETTLED MATTERS** 

A list of the unsettled matters, which the Parties request be disposed of by way of

written submissions, accompanies this Settlement Agreement as Appendix A. A

summary of changes to NPEI's proposed Revenue Requirement resulting from this

Settlement Agreement accompanies this Settlement Agreement as Appendix B. Any

changes associated with the unsettled matters would be incremental to the changes set

forth in this Agreement.

**OVERVIEW OF THE SETTLED MATTERS:** 

This Agreement will allow Niagara Peninsula Energy to continue to make the necessary

investments in maintenance and operation expenditures as well as capital investments

to maintain the safety and reliability of the electricity distribution service that it provides.

This Agreement will allow Niagara Peninsula Energy to maintain current capital

investment levels in infrastructure to ensure a reliable distribution system; to manage

current and future staffing levels, skills and training to ensure regulatory compliance

with Codes and Regulations; to promote conservation programs including the Ministry of

Energy directives; and to continue to provide the high level of customer service Niagara

Peninsula Energy customers have come to expect.

The Parties agree that, in the event the Board accepts the Settlement Proposal no rate

classes in either Niagara Falls or Peninsula West service areas face bill impacts in this

proceeding that require mitigation efforts.

The revised Base Revenue Requirement for the 2011 Test Year, before giving effect to

the Board's decisions on the unsettled issues, is \$29,818,865. This revenue

requirement reflects the updated cost of capital parameters issued by the Board on

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March 3, 2011. This represents a revenue deficiency of \$2,869,242 which is a reduction of \$509,033 or 15.07% from the deficiency of \$3,378,275 set out in the pre-filed evidence. Through the settlement process, Niagara Peninsula Energy has agreed to certain adjustments from its original 2011 Cost of Service Application. These changes are described in the following sections.

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# 1. ADMINISTRATION (Exhibit 1)

1.1 Has Niagara Peninsula Energy responded to all relevant Board Directives from previous proceedings?

# **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 1, page 91

For the purpose of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept Niagara Peninsula Energy Inc's Evidence that there are no outstanding obligations or orders from previous Board decisions.

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1.2 Has Niagara Peninsula Energy removed the impact of the fair market value ("FMV")

bump resulting from the merger between the former Niagara Falls Hydro and the former

Peninsula West Utilities?

**Status: Complete Settlement** 

Supporting Parties: Niagara Peninsula Energy, Energy Probe, VECC

Parties taking no position: SEC

Evidence: Exhibit 2,

Interrogatory responses SEC IR # 6, 7 18, TCQ # 1, 2, 4, 7

For the purpose of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept Niagara Peninsula Energy Inc's Evidence that there are no impacts on the 2011 Test Year cost of service application relating to the fair market value bump resulting from the merger.

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# 2. RATE BASE (Exhibit 2)

2.1 Are the amounts proposed for Rate Base appropriate?

# **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy Inc., Energy Probe, SEC, VECC

Evidence: Exhibit 2, page 5

Interrogatory responses OEB Staff IR # 5

Interrogatory responses Energy Probe IR # 4, 6, 11, TCQ #1,

Interrogatory response SEC IR # 5

Interrogatory response VECC IR # 21

For the purpose of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy Inc.'s Rate Base should be \$119,567,690 for the 2011 Test Year. The following adjustments result in an agreed-upon increase in the total Rate Base in the amount of \$422,746 from \$119,144,943 as filed. This reflects the following material changes:

- The 2010 Bridge Year capital expenditures will be reduced by \$595,776 as set out in section 2.2 below:
- The 2010 Bridge Year will be reduced by \$54,000 for assets used for affiliate services as set out in section 2.2 below.
- The 2011 Test Year capital expenditures will be increased by \$241,840 as set out in section 2.3 below;
- As a result of the above changes, the total change to Gross fixed assets will be a reduction of \$407,936
- There will be an increase to the 2010 Bridge Year depreciation expense in the amount of \$306,162 and an increase of \$7,139 in the 2011 Test Year depreciation expense, which collectively impact accumulated depreciation as set out in section 4.2 below.

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- As a result of the above changes, there is a total increase of \$313,301 in accumulated depreciation.
- The Working Capital Allowance has been increased by \$1,261,334 as set out in section 2.4 below.
- The increase in working capital allowance, decrease in gross fixed assets, and increase in accumulated depreciation, result in a net increase in rate base of \$422,746 as set out in the table below.

The adjustments to Niagara Peninsula Energy's Rate Base and Working Capital Allowance are set out in the following tables

Change in Rate Base				
	Original As per	Settlement		
	Application (A)	Submission (B)	Difference (C = B-A)	
Gross Fixed Assets	209,551,599	209,143,663	(407,936)	
Accumulated Depreciation	106,603,393	106,916,694	313,301	
Net Book Value	102,948,206	102,226,969	(721,237)	
Average Fixed Assets	101,968,654	101,130,066	(838,588)	
Working Capital	114,508,597	122,917,489	8,408,892	
Working Capital Allowance 15%	17,176,290	18,437,623	1,261,334	
Rate Base	119,144,943	119,567,690	422,746	

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Ch	Change in Working Capital				
	Original As per	Settlement			
	Application (A)	Submission (B)	Difference (C = B-A)		
Cost of Power	99,990,688	108,840,807	8,850,119		
Operations	3,573,690	3,573,690	-		
Maintenance	2,568,416	2,568,416	-		
Billing & Collecting	4,195,729	4,195,729	-		
Community Relations	81,464	81,464	-		
Administrative & General Expenses	3,876,135	3,434,908	(441,227)		
Taxes Other than Income Taxes	222,474	222,474	- 1		
Working Capital	114,508,597	122,917,489	8,408,892		
Working Capital Allowance @ 15%	17,176,290	18,437,623	1,261,334		

The details of the change in Cost of Power is described in Section 2.4 below and the details of the change in Administrative and General expenses are described in Section 4.1 below.

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2.2 Are the amounts proposed for the 2010 Bridge Year Capital Expenditures appropriate?

**Status: Complete Settlement** 

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 2, Table 2-12 page 42, pages 103-120, Table 2-22

Interrogatory response OEB Staff IR # 4

Interrogatory responses Energy Probe IR # 4, 9, 10a), TCQ #1

Interrogatory response SEC IR # 10

Interrogatory responses VECC IR # 21, 22

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the parties agree that the calculation of the 2010 Bridge Year capital gross additions in the amount of \$13,382,205, as set out in Interrogatory response to Energy Probe IR #4 is correct and that the amount proposed is appropriate. The revised 2010 Bridge Year capital additions in the amount of \$13,382,205 is \$595,776 lower than the original amount of \$13,977,982 and reflects the actual additions for 2010.

For the purposes of obtaining complete settlement of all issues, the parties agree that the calculation of the 2010 Bridge Year capital gross disposals in the amount of \$3,163,008 is to be increased by \$54,000 to reflect assets used for the purposes of affiliate services. The revised 2010 Bridge Year capital disposals in the amount of \$3,217,008 is \$54,000 higher than the original amount of \$3,163,008.

A reconciliation between the original and the agreed-upon 2010 Bridge Year additions and disposals is included in Appendix C.

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2.3 Are the amounts proposed for the 2011 Test Year capital additions appropriate?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 2, page 43, pages 121-142, Table 2-13, Table 2-22

Interrogatory responses OEB Staff IR # 2, TCQ # 3

Interrogatory responses Energy Probe IR # 1, 10b), TCQ # 4

Interrogatory responses SEC IR# 3, 8, 9, TCQ # 17

Interrogatory response VECC IR # 21

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the parties agree to an increase in the 2011 Test Year capital additions in the amount of \$241,840 reflecting the following adjustments:

The pre-filed 2011 capital additions were \$9,102,793. With the above noted increase of \$241,840, total 2011 capital additions of \$9,344,633 were agreed to by all parties.

• The addition of \$241,840 for a mobile substation that was included in the 2010 Bridge Year additions. However, due to delays in the manufacturing of a power transformer, trailer and switchgear components, delivery was in the 1<sup>st</sup> quarter of 2011.

A reconciliation between the original and the agreed-upon 2011 Test Year additions is included in Appendix C.

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# 2.4 Has the Working Capital Allowance been determined appropriately?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 2, Table 2-2 page 6, pages 143-154, Exhibit 3, Exhibit 4

Interrogatory responses OEB Staff IR #7, 8, 11

Interrogatory response Energy Probe IR # 11b)

Interrogatory responses VECC IR # 11, 14

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the parties agree that the amount proposed for NPEI's Working Capital Allowance and rate base as shown in section 2.1 shall be increased by \$1,261,334 reflecting the following adjustments:

- i) NPEI will update its Cost of Power calculation as follows:
  - The total kWh purchases will be based on the total kWh determined in the revised load forecast as set out in section 3.1 adjusted for the agreed-upon loss factors.
  - The commodity rates to be used are based upon the rates issued in the October 18, 2010 Regulated Price Plan Report. The non-RPP cost of power is \$65.61 per MWh and the RPP cost of power is \$68.38 per MWh. The detail calculation associated with prices is outlined in Appendix D. The Table below details the change in each of the components included in the Cost of Power.

	Original As per	Settlement	Difference (C =
	Application (A)	Submission (B)	B-A)
Cost of Power			
4705-Power Purchased	78,708,485	86,482,863	7,774,378
4708-Charges-WMS	6,670,357	6,717,368	47,011
4714-Charges-NW	6,850,285	7,803,026	952,740
4716-Charges-CN	5,733,459	5,603,528	(129,931)
4730-Rural Rate Assistance	1,667,589	1,679,342	11,753
4750-Low Voltage	360,512	554,681	194,169
Total Cost of Power	99,990,688	108,840,807	8,850,119

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ii) The new figure includes adjustments related to OM&A changes as set out in section 4.1 below. The reduction in OM&A expenses in the amount of \$441,227 is included in the total increase in working capital allowance of \$1,261,334.

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# 3. OPERATING REVENUE (Exhibit 3)

# 3.1 Is the load forecast appropriate?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 3, pages 12-46, Table 3-24

Interrogatory response Board Staff IR # 7 a)

Interrogatory responses Energy Probe IR # 12, 15, TCQ # 5

Interrogatory responses VECC IR # 3, 4, 5, 6, 8, TCQ # 1, 2, 5

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the parties agree that NPEI's proposed 2011 Test Year load forecast is to be increased by a total of 9,000,000 kWh to 1,286,014,423 kWhs (see Appendix E), up from 1,277,014,423 kWhs in the pre-filed Evidence (Exhibit 3, page 46, Table 3-24). The 1,286,014,423 kWhs assumes kWh consumption has been reduced by one tenth (1/10th) of NPEI's OEB/OPA directed CDM target of 58 million kWhs.

The agreed-upon load forecast is used in the updated cost of power calculation (see Appendix D) of this Agreement, in the billing determinants in rate design and in the updated bill impact tables (see Appendix L).

The Parties have agreed that the CDM Target adjustment of 5,800,000 kWhs (i.e. 1/10<sup>th</sup> of 58 million kWhs), is the appropriate baseline for any future LRAM application in accordance with the Board's standard rules for LRAM.

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3.2 Is the proposed amount for 2011 Test Year Other Revenue appropriate?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 3, Table 3-1, page 7, Table 3-37, pages 52-66

Interrogatory responses Energy Probe IR # 16, 17, 22, TCQ # 7

Interrogatory responses Board Staff IR # 9, 22

Interrogatory response VECC IR # 9

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the parties agree that the forecast for Other Revenues in the Test Year of \$2,185,747 shall be reduced by \$224,000 for a total of \$1,961,747, reflecting the following adjustments:

- Decrease Other Revenues by \$260,000 which represents allocated expenses related to the billing of water on behalf of NPEI's affiliate. The OM&A was reduced by \$260,000 and these expenses are now netted against the revenue that was included in Other Revenue. The effect of this change is to remove these expenses from the working capital calculation.
- Increase Other Revenue by \$36,000 which represents an estimated full year increase for interest revenue. The 2010 Actual interest revenue was higher than the 2010 Bridge Year amount by \$18,000 related to interest income being higher due to monthly billing which commenced in June of 2010.

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3.3 Are the proposed Specific Service Charges for 2011 appropriate?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 8, page 40, page 43

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept the Specific Service Charges proposed by NPEI.

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3.4 Are the proposed Retailer Service Charges appropriate?

# **Status: Complete Settlement**

Supporting Parties: NPEI, Energy Probe, SEC, VECC

Evidence: Exhibit 8 page 32 and page 35

Exhibit 9 pages 6-11

Interrogatory response VECC #17c

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties have agreed to adjust the Retail Service Charge related to the Monthly Variable Charge, per customer, per Retailer from \$0.50 to \$1.56 based on the updated revenues, costs and number of transactions from 2010. The pre-filed evidence calculated \$1.32 based on the revenues, costs and number of transactions from 2009. Please see the table below detailing the calculation of the \$1.56. However, the Parties acknowledge that this increase in the Retailer Service charge maybe of distinct and discrete interest to the Board; accordingly the Parties agree that they will be bound by the rest of the Agreement even if the Board were to not allow for this increase. The Parties request an opportunity to make written submissions on this issue in the event that the Board is considering rejecting the settlement proposal with respect to an increase in the monthly variable Retailer Service Charge.

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Year	Acc		Transactions (Additions ) During Year excluding interest and adjustments	p c	Net Change for Year
	2008	1518	130,208	(83,874)	46,334
		1548	60,101	(2,501)	57,600
	Tota	I RCVA	190,309	(86,375)	103,934
	2009	1518	124,511	(80,996)	43,514
		1548	54,027	(1,124)	52,903
	Tota	I RCVA	178,537	(82,120)	96,417
	2010	1518	120,725	(75,303)	45,422
		1548	59,975	(3,111)	56,864
	Tota	I RCVA	180,701	(78,414)	102,286

	2009	2010
revenues 4082-1	(58,981.00)	(48,227.00)
# transactions	117,962.00	96,454.00
variance	96,417	102,286
increase req'd per transaction	0.82	1.06
	0.5	0.5
	1.32	1.56
Average retailer accts billed/mth	5,683.50	5,111.67

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# 4. OPERATING COSTS (Exhibit 4)

4.1 Are the overall levels of the 2011 Test Year Operation, Maintenance and Administration costs appropriate?

# **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 4

Interrogatory responses Board Staff IRs #3, 4, 10,11,12,13, TCQ#4

Interrogatory responses Energy Probe IR # 18, 19, 20, 21, 22, 23, 24, 25,

28, TCQ # 6, 7

Interrogatory responses SEC IR#12, 13, 14, TCQ # 14, 15, 16, 18, 19, 20,

21, 22

Interrogatory responses VECC IR #23, 24, 25, TCQ # 6, 7, 8

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree to a reduction of the OM&A expenditures in the amount of \$441,227 from a forecast of \$14,295,435 (excluding property taxes) proposed in the Application to a forecast of \$13,854,208 (excluding property taxes) for the 2011 Test Year (see Appendix G). This will allow Niagara Peninsula Energy Inc. to maintain its position as a low cost utility while ensuring that its customers will continue to receive safe and reliable distribution service.

The LEAP Emergency Financial Assistance, referred to in the OEB's letter dated October 20, 2010, is included in the OM&A envelope of \$13,854,208.

The Parties agreed to a general reduction to OM&A expenses in the amount of \$293,898. In addition, NPEI's pre-filed evidence for OMERS only included a 2.5% increase for 2011. As per Board Staff IR #11, NPEI's OMERS expense for 2011 did not incorporate the OMERS announcement of their three year contribution rate increase for its members and employers for the years 2011, 2012, and 2013. The Parties agreed to include the increase in OMERS

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premiums in the amount of \$73,765 for the 2011 Test Year. The net reduction to OM&A inclusive of the OMERS impact is \$220,133. The table below details the change of \$441,227 in Administrative & General expenses included in OM&A;

#### **Administrative & General Expenses**

General Reduction net of OMERS impact of \$73,765	(220,133)
Leap (0.12% x 32,421,330) not updated for new service requirement	38,906
Affiliate allocated expenses reallocated to Revenue Offsets	(260,000)
	(441.227)

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4.2 Is Niagara Peninsula Energy Inc.'s depreciation expense appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 2, Table 2-13, Table 2-15, Exhibit 4 pages 80-81, Table 4-19, page

88, Table 4-26

Interrogatory responses Energy Probe IR # 25, TCQ # 8, 9, JT1.2

Interrogatory responses SEC IR # 5, 15

Interrogatory responses Board Staff IR# 4c, 14

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's 2011 Test Year depreciation expense as filed is appropriate, subject to the following adjustments:

• A decrease of \$306,162 in the opening rate base to reflect the agreed-upon changes in the depreciation expense for the 2010 Bridge Year, including a) a change from the half year calculation on pooled assets to the full year calculation on pooled assets, and b) a change in the depreciation rate on software from 100% to 33.33% commencing with the 2010 additions, and c) a reduction in the 2010 capital expenditures closed to rate base. The Table below details the 2010 change in depreciation expense.

Depreciation Summary	2010 Bridge Year	2010 Bridge Year		
	Additions	Disposals	Net Additions	Depreciation expense
Original Application - Half Year and Software = 1 Year	13,977,982	3,163,008	10,814,974	7,000,940
EP IR 6a 2010 Bridge Year Full Year and Software = 1 Year	13,977,982	3,163,008	10,814,974	7,475,697
NPEI 2010 Actual Additions Half Year and Software = 1 Year	13,382,205	3,217,008	10,165,197	7,014,282
EP IR 6b 2010 Actual Additions Full Year and Software = 1 year	13,382,205	3,217,008	10,165,197	7,427,549
NPEI 2010 Actual Additions Half Year and Software = 1 Year	13,382,205	3,217,008	10,165,197	7,014,282
Change in Software to be over 3 years starting with 2010 additions				57,363
Revised 2010 Actual Additions Half Year and Software = 3 years				7,071,645
Add half year depreciation on 2010 actual additions				235,457
2010 Actual additions Full Year and software = 3 years				7,307,102
Increase from pre-filed application (7,307,102 - 7,000,940)				306,162

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 The 2011 Depreciation Expense is increased from \$7,143,688 to \$7,150,827. The Table below details the increase of \$7,139 in the 2011 depreciation expense. See Appendix C for an updated continuity schedule for 2011. This reflects the lower opening rate base, and the change in the depreciation rate for software,

2011 Depreciation Summary	
Software change in depreciation rate	22,384
Reduction to 2011 due to reduction in 2010 additions	(15,245)
Increase	7,139

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4.3 Is the amount proposed for the 2011 Test Year Payment in Lieu of Taxes, including CCA calculations, appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 4, pages 92-101

Interrogatory responses Energy Probe IR # 26, 27, TCQ # 10

Interrogatory response Board Staff IR #23

Interrogatory responses SEC IR #6b, TCQ #3

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that the amount proposed by Niagara Peninsula Energy for the 2011 Test Year Payment in Lieu of Taxes ("PILs"), including CCA calculations, is appropriate, subject to a reduction in grossed-up 2011 PILs in the amount of \$128,206 from \$1,725,276 to \$1,597,070, reflecting the following adjustments:

- NPEI included the change in regulatory assets/liabilities as a change in the Tax Adjustments to Accounting Income in the original application. This results in a decrease of \$75,234 in the grossed up PILS for 2011.
- NPEI reduced the PILS calculation by \$36,250 relating to the Ontario Small Business tax reduction of 7.25% on the first \$500,000 of taxable income.
- The Parties also agree to the change in PILs (see Appendix H) reflecting the updated cost of capital for 2011 cost of service applications issued by the Board on March 3, 2011.

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#### 5. COST OF CAPITAL (Exhibit 5)

5.1 Are the proposed Capital Structure and Rate of Return on Equity appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 5

Interrogatory response Energy Probe TCQ # 11

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's proposed debt to equity ratio for rate making purposes of 60% (comprised of 56% long term debt and 4% short term debt) to 40% is appropriate.

For the purposes of its Application, Niagara Peninsula Energy used the cost of capital parameters applicable to cost of service applications for the 2010 Test Year. This included a Return on Equity of 9.85% The Parties agree that Niagara Peninsula Energy's cost of capital parameters will be adjusted to reflect the Board's updated cost of capital parameters for cost of service applications for distribution rates effective May 1, 2011. The updated parameters, issued on March 3, 2011, include a Return on Equity of 9.58%.

The Regulated Rate of Return in the pre-filed evidence was 7.58%. At the updated Return on Equity of 9.58% and the updated Short Term Debt rate of 2.46%, the Regulated Rate of Return becomes 7.49%. This figure is not agreed by the parties. The effective rate on Long-Term debt of 6.36%, which is an unsettled issue, remains unchanged in both of the above calculations. See section 5.2 for discussion regarding the unsettled issue of the effective rate on Long Term Debt.

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5.2 Is the proposed Return on Debt appropriate?

**Status: Partial Settlement** 

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 5

Interrogatory response OEB Staff IR # 15

Interrogatory responses SEC IR # 17, 19, TCQ # 6, 7, 8

Interrogatory response Energy Probe IR # 29

The Parties agree that Niagara Peninsula Energy Inc.'s effective Short Term Debt rate is to be updated to 2.46% from the pre-filed evidence of 2.07% as per the updated Cost of Capital for 2011 cost of service applications for rates effective May 1, 2011 issued by the Board on March 3, 2011. The return on the Unfunded Short Term Debt increased by \$19,003 from the pre-filed evidence of \$98,652 to \$117,655.

However, the Parties are not settled with respect to the Long Term Debt rate used for the two affiliated promissory notes held one by the City of Niagara Falls and one by Niagara Falls Hydro Holding Corporation. The pre-filed application includes these two notes at the original previously approved rate of 7.25%. The intervenors do not agree that the rate should be at 7.25% on the above mentioned promissory notes and assert that the deemed rate of 5.32% should be applied based on the updated Cost of Capital parameters for 2011 cost of service application for rates effective May 1, 2011 issued by the Board on March 3, 2011. As noted in Appendix A below, the Parties have agreed to propose that this matter be the subject of written submissions.

#### 6. CALCULATION OF REVENUE DEFICIENCY OR SURPLUS (Exhibit 6)

6.1 Is the Revenue Deficiency for the 2011 Test Year appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 6

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's calculation of the Revenue Deficiency is appropriate, subject to the impact of the unsettled issues. The Parties acknowledge that with the changes set out in this Settlement Agreement, Niagara Peninsula Energy's revenue requirement and the revenue deficiency calculation may change pending the outcome of the unsettled matter related to the Long Term Debt rate to be used on the Affiliated debt, but the Parties agree that Niagara Peninsula Energy's methodology for calculating the revenue deficiency is correct. For all completely settled issues Niagara Peninsula Energy Inc.'s revenue deficiency for the 2011 Test Year will be reduced by \$509,033 from \$3,378,275 to \$2,869,242, see table below and Appendix J.

#### **Summary**

	Original As per Settlement Submission Application (A) (B)				
Service Revenue Requirement	32,421,330	31,780,611	(640,718)		
Revenue Offset	2,185,747	1,961,747	(224,000)		
Base Revenue Requirement Revenue at Existing Rates	30,235,583	29,818,865	(416,718)		
	26,857,308	26,949,623	92,314		
Revenue Deficiency	3,378,275	2,869,242	(509,033)		

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#### 7. COST ALLOCATION (Exhibit 7)

7.1 Is Niagara Peninsula Energy Inc.'s cost allocation appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, and VECC.

Evidence: Exhibit 7

Interrogatory response OEB Staff IR # 16

Interrogatory response VECC # 12

For purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept Niagara Peninsula Energy's proposed approach to cost allocation. As per OEB Staff IR #16, Niagara Peninsula Energy has updated the number of connections for Sentinel Lights on the Customer Data tab of the model. An updated model was filed with the interrogatory responses reflecting this change. Niagara Peninsula Energy corrected the allocator for Account 4215 from SBMR (Standby Monthly Revenue) which allocated this account 100% to the GS>50 kW rate class. The allocator for this account was changed to NFA (Net Fixed Assets) which allocates this account as follows: Residential 64.03%; GS<50 kW 10.33%; GS> 50 kW 23.22%; Street light 1.38%; Sentinel Light 0.52% and USL 0.52%. An updated model was filed with the settlement agreement.

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7.2 Are the proposed revenue-to-cost ratios appropriate?

**Status: Complete Settlement** 

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 7,

Interrogatory response OEB Staff TCQ #5

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree to Niagara Peninsula Energy's updated Proposed Revenue to Cost Ratios with the adjustments set out in section 7.1 above reflecting the change in Sentinel Light connections (see Appendix K).

NPEI proposed in the original application to re-align its revenue to cost ratios by adjusting the allocations of revenue among rate classes in order to reduce some of the cross-subsidization that is occurring. For 2011, the Residential class is proposed to move from 83.1% to the minimum Board target of 85% in 2011 which includes the settled issues in this settlement agreement. The additional revenue will be assigned to the GS > 50 kW class. NPEI also proposes to move the revenue to cost ratios for the Streetlight and Sentinel Light classes halfway to the bottom of the Board's target range in 2012 and the remainder of the way in 2013 with the difference being offset to the GS> 50 kW class. See Appendix (K).

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## 8. RATE DESIGN (Exhibit 8)

8.1 Are the proposed customer classes appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 8, page 36

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's proposed customer classes are appropriate. Niagara Peninsula Energy has proposed to eliminate the two distinct subclasses of the Residential class that are currently approved for the former Peninsula West Utilities; Residential Urban and Residential Suburban. This results in a single Residential class for all residential customers of Niagara Peninsula Energy.

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8.2 Are the customer charges and the fixed-variable splits for each class appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 8, pages 4-13

Interrogatory response SEC IR # 21

Interrogatory response VECC IR # 13

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties have agreed to accept the customer charges and the fixed-variable splits resulting from this Agreement (see Appendix K). The Parties note the following with respect to the proposed GS >50 kW Class:

• In the Application, Niagara Peninsula Energy had proposed to set the monthly customer charge for this class at \$222.81 and the volumetric charge at \$4.0311 per kW resulting in a fixed/variable split of 24.77%/75.23%. The Parties have agreed that those charges will be reduced to \$179.88 for the monthly customer charge and increased to \$4.3048 per kW for the volumetric charge. These updated values result in a fixed/variable split of 19.76%/80.24%.

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### 8.3 Are the customer bill impacts appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 1, Table 1-5

Exhibit 8 and Appendix 8A

Interrogatory response Energy Probe IR # 31

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that the bill impacts provided in Appendix L of the Agreement are appropriate.

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8.4 Are the proposed Retail Transmission Service Rates, Low Voltage charge, Wholesale Market and Rural Rate Assistance rates appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 8, pages 15-23

Interrogatory responses OEB Staff IR # 18, 19, 20

Interrogatory responses SEC IR 7e, TCQ # 5

Interrogatory responses VECC IR # 11, 14, TCQ # 4

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's proposed Retail Transmission Service Rates will be calculated as follows:

A) The 2011 wholesale transmission network costs will be calculated using the Current Harmonized Equivalent RTSR rates for 2010 at the updated 2011 load forecast including the loss factor to obtain forecast revenues for network and connection as per the Table below;

		Includes Loss Factor	Equiva	Current Harmonized Forecast F Equivalent RTSR Current F (\$/kWh or \$/kW) Equivale				
Customer Class	Volume Metric	2011 Forecast	Network	Connection	Network	Connection		
Residential	kWh	488,702,020	0.0053	0.0048	2,571,543	2,340,916		
GS<50 kW	kWh	129,181,276	0.0048	0.0042	623,584	548,452		
GS>50 kW	kW	1,818,411	1.9802	1.6642	3,600,818	3,026,135		
Sentinel	kW	809	1.4661	1.3906	1,186	1,125		
Streetlighting	kW	20,107	1.4970	1.2785	30,102	25,708		
Unmetered/Scattered	kWh	2,466,189	0.0048	0.0043	11,891	10,499		
				_	6,839,123	5,952,836		

B) The 2010 Charge Determinants were applied to the Approved 2011 Uniform Transmission rates effective January 1, 2011 to obtain the expected network and connection charges for 2011. See Table below;

#### Transmission Charges Based on 2010 Charge Determinants and 2011 Approved Rates

	201	0 Charge Determin	nants (kW)	Appro	ved 2011 Rates (	(\$/kW)	2010 Determinants at 2011 Rates (\$)			
Supplied By	NW CN (Line)		CN (Trans)	NW	CN (Line)	N (Line) CN (Trans)		CN (Line)	CN (Trans)	
IESO	2,049,689	2,110,125	1,574,400	3.22	0.79	1.77	6,600,000	1,666,999	2,786,688	
Hydro One	393,461	364,680	332,837	2.65	0.64	1.50	1,042,673	233,395	499,256	
Niagara West			201,358			1.50	•	-	302,037	
Total	2,443,151	2,474,805	2,108,595				7,642,672	1,900,394	3,587,980	

Total CN 5,488,374

The updated 2011 forecast total energy purchases were compared to the 2010 Actual energy purchased which resulted in an increase of 2.10%. This escalator percentage was then applied to the above Table for NW and CN charges to obtain forecasted 2011 network and connection charges. See calculation below;

2010 Total Actual Energy Purchases (GWh) 2011 Forecast Total Energy Purchases (GWh) % Increase in Purchased Energy, 2011 over 2010	1,259.59 1,286.01 2.10%
Total Network Charges, per above table	7,642,672
Escalate by 2.1%	160,354
Total Forecast 2011 Network Charges	7,803,026
Total Connection Charges, per above table	5,488,374
Escalate by 2.1%	115,154
Total Forecast 2011 Connection Charges	5,603,528

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C) The updated 2011 Forecast Network charges and 2011 Forecast Connection charges from B) above were compared to the 2010 current RTSR revenues in A) above to obtain the required increase in each respective rate see calculation below;

Network Charges from Part B above	7,803,026
Network Revenues from Part A above	6,839,123
Increase (Decrease) required for Network	963,902
% Increase (Decrease) Required for Network	14.1%
Connection Charges from Part B above	5,603,528
Connection Revenues from Part A above	5,952,836
Increase (Decrease) required for Connection	(349,308)
% Increase (Decrease) Required for Connection	-5.9%

• The respective percentage increase/(decrease) from C) above are then applied to the current harmonized equivalent RTSR rates noted in A) above to obtain updated network and connection rates for 2011. See Table below;

			zed Equivalent RTSR h or \$/kW)	Required Adju VECC		Adjusted RTSRs	Adjusted RTSRs as per VECC IR 14	
Customer Class	Volume Metric	Network	Connection	Network	Connection	Network	Connection	Combined
Residential	kWh	0.0053	0.0048	14.1%	-5.9%	0.0060	0.0045	0.0105
GS<50 kW	kWh	0.0048	0.0042	14.1%	-5.9%	0.0055	0.0040	0.0095
GS>50 kW	kW	1.9802	1.6642	14.1%	-5.9%	2.2593	1.5665	3.8258
Sentinel	kW	1.4661	1.3906	14.1%	-5.9%	1.6727	1.3090	2.9817
Streetlighting	kW	1.4970	1.2785	14.1%	-5.9%	1.7080	1.2035	2.9116
Unmetered/Scattered	kWh	0.0048	0.0043	14.1%	-5.9%	0.0055	0.0040	0.0095

The resulting changes in Niagara Peninsula Energy's Retail Transmission Service Rates from those proposed in the Application are as shown in Appendix N.

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For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy's proposed Low Voltage rates will be calculated as follows;

 The actual charge determinants from January 1, 2010 to December 31, 2010 and Hydro One Networks approved 2011 sub-transmission rates are to be applied to the updated 2011 weather normalized load forecast noted in section 3.1 above as per VECC IR # 11.

See Appendix M for the updated Low Voltage rates for 2011.

The Parties agree the Wholesale and Rural Rate Assistance rates are appropriate.

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8.5 Are the proposed Loss Factors appropriate?

# **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 8

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept Niagara Peninsula Energy's proposed loss factors.

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#### 9. DEFERRAL AND VARIANCE ACCOUNTS (Exhibit 9)

9.1 Are the balances in the Deferral and Variance Accounts appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula, Energy Probe, SEC, VECC

Evidence: Exhibit 9

Interrogatory responses OEB Staff IR # 4(d) - (g), 24, 25

Interrogatory responses VECC IR # 17, 19

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties accept the balances in Niagara Peninsula Energy's Deferral and Variance Accounts.

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9.2 Are the methods of disposition of the Deferral and Variance Accounts appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 9

Interrogatory responses VECC IR # 17, 18

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that the methods of disposition of the Deferral and Variance Accounts are appropriate with the exception of the disposition of the additional charges from HONI for sub-transmission service in account 1508. Niagara Peninsula Energy disposed of this balance in the amount of \$4,198 using the distribution revenues. As per VECC IR #18c, Niagara Peninsula Energy will dispose of the balance in Account 1508 using the allocated Low Voltage Revenues per rate class. The Parties agree that all other Deferral and Variance Accounts will be recovered from or rebated to customers as proposed by Niagara Peninsula Energy in the Application and updated for the updated load forecast described in section 3.1. See Appendix (O)

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9.3 Are the Smart Meter charges, disposition rate rider and rate adder appropriate?

## **Status: Complete Settlement**

Supporting Parties: Niagara Peninsula Energy, Energy Probe, SEC, VECC

Evidence: Exhibit 9

Interrogatory responses OEB Staff IR # 4 (d)-(g)

Interrogatory response VECC IR # 19

For the purposes of obtaining complete settlement of all of the issues in this proceeding except two, the Parties agree that Niagara Peninsula Energy will continue with a smart meter rate rider over one year in the amount of \$1.00 per month and applied to all metered customers.

Niagara Peninsula Energy will continue to use the Smart Meter variance accounts for capital expenditures incurred after July 1, 2010 in the 2010 Bridge Year and the 2011 Test Year and related OM&A costs for disposition at a later date.

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**APPENDIX A-Summary of Unsettled Matters** 

#### **Unsettled Matters for Written Submission**

## 1. Cost of Capital

The Long term debt rate on the affiliate debt was calculated by Niagara Peninsula Energy using the previously approved rate of 7.25%. The Intervenors disagree with the rate of 7.25% and are requesting this rate be changed to the deemed rate of 5.32% as per the updated Cost of Capital parameters for 2011 cost of service applications with a May 1, 2011 rate year. The Parties propose that this matter be the subject of written submissions.

#### **Effective Date of Rates**

Niagara Peninsula Energy is requesting that the Board approve an effective date for 2011 rates of May 1, 2011. The Parties propose that this matter be the subject of written submissions.

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APPENDIX B-Summary of the Significant Items Adjusted as a result of this Agreement

Summary of Significant Items Adjusted										
Cannilary or organico	Original As per Settlement Difference (C									
	Application (A)	Submission (B)	A)							
Rate Base										
Average Fixed Assets	101,968,654	101,130,066	(838,588)							
Working Capital Allowance	17,176,290	18,437,623	1,261,334							
Rate Base	119,144,943	119,567,690	422,746							
Capital Additions										
2010 Bridge Year	10,814,974	10,165,197	(649,776)							
2011 Test Year	9,102,793	9,344,633	241,840							
2011 1000 1000	5,152,155	3,011,000	(407,936)							
			, , , , , , , , , ,							
Other Revenue	2,185,747	1,961,747	(224,000)							
Loss Factor	1.056	1.056	0							
Load Forecast (kWh)	1,214,746,971	1,223,308,130	8,561,158							
RPP Cost of Power Rate	0.06215	0.06838	0.00623							
Non-RPP Cost of Power Rate	0.06062	0.06561	0.00023							
	0.00002	0.00001								
Coat of Bower										
Cost of Power	70 700 405	00 400 000	7 774 070							
4705-Power Purchased	78,708,485	86,482,863	7,774,378							
4708-Charges-WMS	6,670,357	6,717,368	47,011							
4714-Charges-NW	6,850,285	7,803,026	952,740							
4716-Charges-CN	5,733,459	5,603,528	(129,931)							
4730-Rural Rate Assistance	1,667,589	1,679,342	11,753							
4750-Low Voltage	360,512	554,681	194,169							
Total Cost of Power	99,990,688	108,840,807	8,850,119							
Cost of Capital										
Long-Term Debt Rate	6.36%	6.36%								
Short-Term Debt Rate	2.07%	2.46%								
Return on Equity	9.85%	9.58%	` ,							
Weighted Debt Rate	6.07%	6.10%								
Regulated Rate of Return	7.58%	7.49%	(0.09)							
Deemed Long-Term Debt Component %	56.00%	56.00%	0.00							
Deemed Short-Term Debt Component %	4.00%	4.00%	0.00							
Deemed Equity Component %	40.00%	40.00%	0.00							
Return on Long-Term Debt	4,241,494	4,256,543	15,050							
Return on Short-Term Debt	98.652		· ·							
Return on Equity	4,694,311	4,581,834	(112,477)							
Total Return on Capital	9,034,456	8,956,032	(78,425)							
	, , , , , ,	-,,	( - , - ,							
Deemed Interest	4,340,146	4,374,198	34,052							
OM&A Expenses	14,517,909	14,076,682	(441,227)							
Depreciation Expense										
2010 Bridge Year	7,000,940	7,307,102	306,162							
2011 Test Year	7,143,688	7,150,827	7,139							
PILS	1,725,276	1,597,070	(128,206)							
	, ,									
Service Revenue Requirement	32,421,330	31,780,611	(640,718)							
Revenue Offset	2,185,747	1,961,747	(224,000)							
Base Revenue Requirement	30,235,583	29,818,865	(416,718)							
Revenue Deficiency	3,378,275	2,869,242	(509,033)							
Deferral and Variance \$ Rate Rider over 1 year	96,902	96,902	0							
Deferral and Variance \$ Rate Riders (over 2 years)	7,535,270	7,535,270	0							
	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	l							

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# APPENDIX C – Updated Fixed Asset Continuity Schedules Including Depreciation

2010

2011

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Fixed Asset Continuity Schedule (Distribution & Operations)
As at December 31, 2010
Updated for 2010 Actuals and updated 2010 Depreci

Cost

#### **Accumulated Depreciation**

									Closing	
OEB	Description	Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Balance	Net Book Value
1805	Land	507,274	0	0	507,274	0	0	0	0	507,274
1806	Land Rights	1,598,170	0	0	1,598,170	633,336	56,850	0	690,185	907,985
1808	Buildings and Fixtures	111,638	0	0	111,638	91,869	8,098	0	99,967	11,671
1810	Leasehold Improvements	0	0	0	0	0	0	0	0	0
1815	Transformer Station Equipment - Normally Primar	6,558,514	43,487	0	6,602,001	757,613	146,037	0	903,650	5,698,351
1820	Distribution Station Equipment - Normally Primary	4,507,465	476,632	0	4,984,097	2,809,726	144,935	0	2,954,661	2,029,436
1825	Storage Battery Equipment	0	0	0	0	0	0	0	0	0
1830	Poles, Towers and Fixtures	28,665,012	1,960,627	0	30,625,639	14,461,696	852,975	0	15,314,671	15,310,967
1835	Overhead Conductors and Devices	31,395,023	1,528,973	0	32,923,995	15,490,537	1,205,225	0	16,695,762	16,228,233
1840	Underground Conduit	10,367,640	1,123,895	0	11,491,536	3,142,094	193,919	0	3,336,013	8,155,523
1845	Underground Conductors and Devices	54,396,854	1,943,735	0	56,340,589	28,314,738	2,350,896	0	30,665,633	25,674,956
1850	Line Transformers	31,103,686	1,075,315	0	32,179,000	15,981,171	1,274,323	0	17,255,494	14,923,506
1855	Services	3,459,629	394,289	0	3,853,918	626,179	154,154	0	780,333	3,073,584
1860	Meters	6,677,338	4,374,664	3,163,008	7,888,994	3,921,874	295,402	2,204,477	2,012,799	5,876,195
1865	Other Installations on Customer's Premises	440	0	0	440	0	0	0	0	440
1905	Land	508,970	0	0	508,970	0	0	0	0	508,970
1906	Land Rights	0	0	0	0	0	0	0	0	0
1908	Buildings and Fixtures	12,391,184	67,188	0	12,458,371	1,817,234	210,181	0	2,027,415	10,430,956
1910	Leasehold Improvements	120,252	0	0	120,252	120,252	0	0	120,252	(0)
1915	Office Furniture and Equipment	1,107,299	35,091	0	1,142,390	628,664	71,802	0	700,467	441,924
1920	Computer Equipment - Hardware	2,624,840	257,960	0	2,882,799	1,953,498	231,174	0	2,184,673	698,127
1925	Computer Software	1,920,006	250,022	54,000	2,116,029	1,735,390	267,957	0	2,003,347	112,682
1930	Transportation Equipment	5,484,897	869,037	0	6,353,934	3,706,634	397,581	0	4,104,215	2,249,720
1935	Stores Equipment	200,261	26,336	0	226,597	182,660	3,821	0	186,481	40,116
1940	Tools, Shop and Garage Equipment	1,566,110	94,973	0	1,661,083	1,257,226	62,906	0	1,320,132	340,951
1945	Measurement and Testing Equipment	183,146	5,700	0	188,846	133,421	28,086	0	161,507	27,339
1950	Power Operated Equipment	0	0	0	0	0	0	0	0	0
1955	Communication Equipment	158,934	9,662	0	168,596	92,379	20,070	0	112,449	56,147
1960	Miscellaneous Equipment	67,903	5,049	0	72,952	46,643	6,723	0	53,366	19,586
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	0	0	128,961	128,961	0	0	128,961	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)	(1,160,428)	0	(17,481,077)	(3,370,553)	(676,015)	0	(4,046,567)	(13,434,509)
2005	Property under Capital Lease	143,036	0	0	143,036	0	0	0	0	143,036
	Total before Work in Process	189,633,833	13,382,205	3,217,008	199,799,030	94,663,241	7,307,102	2,204,477	99,765,867	100,033,164
							·			
	Work in Process	0			0	0			0	0
	Total after Work in Process	189,633,833	13,382,205	3,217,008	199,799,030	94,663,241	7,307,102	2,204,477	99,765,867	100,033,164

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2M Depreciation expense Table for 2010

	ZIM Depreciation expense rable for 2010													ILOD
Account	Description	Openning Balance	Less Fully Depreciated	Net for Depreciation	Disposal	Additions	Closing Balance 2010	Total for Depreciation	Years	Depreciation Rate	Depreciation Expense	Adjustments	Total Depreciation 2010 Adtual Additions with Software @ 3yrs	Full year based on Actual Year additions
		(a)	(b)	© =(a) - (b)	(c1)	(d)		(e)= (©-c1)+1.0x(d)	(f)	(q)=1/(f)	(h)=(e)/(f)	(i)	(i)=(h)+(i)	
1805	Land	507,274	0	507,274	(01)	(u) 0	507.274	507.274	(-)	(9)-17(1)	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	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	9,661
1810	Leasehold Improvements	0	0	0		0	0	0			0	0	0	-
1815	Transformer Station Equipment - Normally Primary ab	6,558,514	0	6,558,514		43,487	6,602,001	6,602,001	40	0.03	165,050	(18,985)	146,065	146,065
1820	Distribution Station Equipment - Normally Primary bel-	4,507,465	924,634	3,582,831		476,632	4,984,097	4,059,463	25	0.04	162,379	(17,443)	144,935	144,935
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		1,960,627	30,625,639	22,296,073	25	0.04	891,843	(38,060)	853,783	853,783
1835	Overhead Conductors and Devices	31,395,023	2,048,498	29,346,525		1,528,973	32,923,995	30,875,497	25	0.04	1,235,020	(30,602)	1,204,418	1,204,418
1840	Underground Conduit	10,367,640	0	10,367,640		1,123,895	11,491,536	11,491,536	25	0.04	459,661	(265,743)	193,919	193,919
1845	Underground Conductors and Devices	54,396,854	321,277	54,075,577		1,943,735	56,340,589	56,019,312	25	0.04	2,240,772	110,123	2,350,896	2,350,896
1850	Line Transformers	31,103,686	3,366,951	27,736,735		1,075,315	32,179,000	28,812,049	25	0.04	1,152,482	(13,656)	1,138,826	1,138,826
	Services	3,459,629	0	3,459,629		394,289	3,853,918	3,853,918	25	0.04	154,157	(2)	154,154	154,154
1860	Meters	6,677,338	1,340,931	5,336,407	958,531	4,374,664	10,093,471	8,752,540	25	0.04	350,102	(30,643)	319,459	319,459
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	-
1908	Buildings and Fixtures	12,391,184	1,817,234	10,573,950		67,188	12,458,371	10,641,137	60	0.02	177,352	32,829	210,181	210,181
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		35,091	1,142,390	513,726	10	0.10	51,373	23,133	74,505	74,505
1920	Computer Equipment - Hardware	2,624,840	1,953,498	671,341		257,960	2,882,799	929,301	5	0.20	185,860	85,739	271,600	271,600
1925	Computer Software	1,920,006	1,735,390	184,616	0	250,022	2,170,029	434,638	3	0.33	144,879	(44,810)	100,069	389,828
1930	Transportation Equipment	5,484,897	3,706,634	1,778,263		869,037	6,353,934	2,647,301	8	0.13	330,913	124,602	455,515	455,515
1935	Stores Equipment	200,261	182,660	17,601		26,336	226,597	43,937	10	0.10	4,394	804	5,198	5,198
1940	Tools, Shop and Garage Equipment	1,566,110	1,257,226	308,884		94,973	1,661,083	403,857	10	0.10	40,386	26,969	67,354	67,354
1945	Measurement and Testing Equipment	183,146	133,421	49,725		5,700	188,846	55,425	5	0.20	11,085	17,601	28,686	28,686
1950	Power Operated Equipment	0	0	0		0	0	0			0		0	-
1955	Communication Equipment	158,934	92,379	66,555		9,662	168,596	76,217	4	0.25	19,054		20,926	20,926
1960	Miscellaneous Equipment	67,903	46,643	21,260		5,049	72,952	26,309	5	0.20	5,262	1,691	6,952	6,952
1970	Load Management Controls - Customer Premises	0	0	0		0		0			0		0	-
1975	Load Management Controls - Utility Premises	0	0	0		0		0			0		0	-
1980	System Supervisory Equipment	128,961	128,961	0		0		0	15	0.07	0		0	-
1985	Sentinel Lighting Rentals	0	0	0		0		0			0	0	0	-
	Affiliate Assets	0	0	0	54,000	0	(54,000)	(54,000)			0	0	0	-
1995	Contributions and Grants	(16,320,649)	0	(16,320,649)		(1,160,428)	(17,481,077)	(17,481,077)	25		(699,243)	23,080	(676,163)	(676,163)
2005	Property under Capital Lease	143,036	143,036	0	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	1,012,531	13,382,205	202,003,507	173,725,652			7,151,190	(13,400)	7,137,790	7,427,549
														1
	Work in Process													1
	Total after Work in Process	189,633,833	28,277,856	161,355,977	1,012,531	13,382,205	202,003,507	173,725,652			7,151,190	(13,400)	7,137,790	i

Software at 3 years (d) / (f) *.5 with software at 3 years				
year year year Depreciation full year Software at 3 years (d) / (f) *.5 with software at 3 years (d) / (f) / (f) *.5 with software at 3 years (d) / (f) / (f) *.5 with software at 3 years (d) / (f) / (f) *.5 with software at 3 years (d) / (f) / (f) *.5 with software at 3 years (d) / (f) / (f) *.5 with software at 3 years (d) / (f) /	NPEI Actual 2010	Actual 2010		Adjusted 2010
56,850				Depreciation full year
56,850         56,850         -         56,850           8,098         -         8,098         -         8,099           -         -         -         -         8,099           -         -         -         -         -         -         8,099           -		Software at 3 years	(d) / (f) *.5	with software at 3 yrs
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231,174 231,174 - 231,174 - 231,174 210,594 267,957 - 267,955 397,581 397,581 - 397,581 387,581 - 3,821 - 3,821 62,906 62,906 - 6	71.802	71.802	-	71,802
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62,906 62,906 - 62,906 - 62,906 28,086 - 28,086	397,581	397,581	-	397,581
28,086 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,086 - 28,087 - 28,08	3,821	3,821		3,821
20,070 20,070 - 20,070 6,723 6,723 - 6,722 			-	62,906
20,070 20,070 - 20,070 6,723 6,723 - 6,723	28,086	28,086	-	28,086
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	(032,000)	(002,000)	(23,209)	(670,013
7,014,282 7,071,645 235,457 7,307,102	7,014,282	7,071,645	235,457	7,307,102

1925 Computer Software	
Opening NBV Jan 1, 2010	184,616
2010 Additions	250,022
	434,638
2010 Depreciation	
Opening NBV over 1 year	184,616
2010 Additions over 3 years	83,341
2010 Total depreciation	267,957
Closing NBV Dec 31 2010	166,682

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Fixed Asset Continuity Schedule (Distribution & Operations)
As at December 31, 2011
Updated 2011 Continuity Schedule

Cost

#### **Accumulated Depreciation**

									Closing	
OEB	Description	Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Balance	Net Book Value
1805	Land	507,274	0	0	507,274	0	0	. 0	0	507,274
1806	Land Rights	1,598,170	0	0	1,598,170	690,185	56,850	0	747,035	851,135
1808	Buildings and Fixtures	111,638	0	0	111,638	99,967	4,111	0	104,078	7,560
1810	Leasehold Improvements	0	0	0	0	0	0	0	0	0
1815	Transformer Station Equipment - Normally Primar	6,602,001	0	0	6,602,001	903,650	146,009	0	1,049,659	5,552,342
1820	Distribution Station Equipment - Normally Primary	4,984,097	704,803	0	5,688,900	2,954,661	157,131	0	3,111,792	2,577,108
1825	Storage Battery Equipment	0	0	0	0	0	0	0	0	0
1830	Poles, Towers and Fixtures	30,625,639	2,482,838	0	33,108,476	15,314,671	900,592	0	16,215,263	16,893,213
1835	Overhead Conductors and Devices	32,923,995	972,176	0	33,896,171	16,695,762	1,214,410	0	17,910,172	15,985,999
1840	Underground Conduit	11,491,536	1,369,289	0	12,860,825	3,336,013	221,305	0	3,557,317	9,303,508
1845	Underground Conductors and Devices	56,340,589	1,572,596	0	57,913,186	30,665,633	2,350,350	0	33,015,983	24,897,203
1850	Line Transformers	32,179,000	1,284,894	0	33,463,894	17,255,494	1,157,229	0	18,412,723	15,051,171
1855	Services	3,853,918	499,935	0	4,353,853	780,333	164,153	0	944,486	3,409,367
1860	Meters	7,888,994	185,185	0	8,074,179	2,012,799	258,599	0	2,271,398	5,802,782
1865	Other Installations on Customer's Premises	440	0	0	440	0	0	0	0	440
1905	Land	508,970	0	0	508,970	0	0	0	0	508,970
1906	Land Rights	0	0	0	0	0	0	0	0	0
1908	Buildings and Fixtures	12,458,371	0	0	12,458,371	2,027,415	210,181	0	2,237,596	10,220,775
1910	Leasehold Improvements	120,252	0	0	120,252	120,252	0	0	120,252	(0)
1915	Office Furniture and Equipment	1,142,390	92,593	0	1,234,983	700,467	76,432	0	776,899	458,084
1920	Computer Equipment - Hardware	2,882,799	291,898	0	3,174,697	2,184,673	260,364	0	2,445,037	729,661
1925	Computer Software	2,116,029	182,870	0	2,298,899	2,003,347	113,819	0	2,117,166	181,733
1930	Transportation Equipment	6,353,934	462,963	0	6,816,897	4,104,215	426,516	0	4,530,731	2,286,166
1935	Stores Equipment	226,597	0	0	226,597	186,481	3,821	0	190,302	36,295
1940	Tools, Shop and Garage Equipment	1,661,083	92,593	0	1,753,675	1,320,132	67,536	0	1,387,668	366,007
1945	Measurement and Testing Equipment	188,846	0	0	188,846	161,507	28,086	0	189,594	(748)
1950	Power Operated Equipment	0	0	0	0	0	0	0	0	0
1955	Communication Equipment	168,596	0	0	168,596	112,449	20,070	0	132,519	36,077
1960	Miscellaneous Equipment	72,952	0	0	72,952	53,366	6,723	0	60,089	12,862
1970	Load Management Controls - Customer Premises		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	0	0	128,961	128,961	0	0	128,961	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	(17,481,077)	(850,000)	0	(18,331,077)	(4,046,567)	(693,459)	0	(4,740,027)	(13,591,050)
2005	Property under Capital Lease	143,036	0	0	143,036	0	0	0	0	143,036
	Total before Work in Process	199,799,030	9,344,633	0	209,143,663	99,765,867	7,150,827	0	106,916,694	102,226,969
	Work in Process	0			0	0			0	0
	Total after Work in Process	199,799,030	9,344,633	0	209,143,663	99,765,867	7,150,827	0	106,916,694	102,226,969

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2M Depreciation expense Table for 2011

	ZWI Depreciation expense Table for 2011														
Account	Description	Openning Balance	Less Fully Depreciated	Net for Depreciation	Disposal	Additions	Closing Balance	Total for Depreciation	Years		Depreciation Expense	Adjustments	Total Depreciation	Original	Difference
Account	Description	Opening Balance	Depreciated	Depreciation	Бізрозаі	Additions	2011	Total for Depreciation	Todio	Nate	Lxperise	Aujustinents	Depreciation	Original	Dillerence
		(a)	(b)	© =(a) - (b)	(c1)	(d)		(e)= (©-c1)+.5x(d)	(f)	(g)=1/(f)	(h)=(e)/(f)	(i)	(j)=(h)+(i)	Application	
1805	Land	507,274	0			0	507,274	507,274			0	0	0		0
1806	Land Rights	1,598,170	0	.,,		0	1,598,170	1,598,170	25	0.04	63,927	(7,077)	56,850	56,850	0
1808	Buildings and Fixtures	111,638	0	111,638		0	111,638	111,638	25	0.04	4,466	(355)	4,111	4,111	(0)
1810	Leasehold Improvements	0	0	0		0	0	0			0	0	0		0
1815	Transformer Station Equipment - Normally Primary above 50 kV	6,602,001	0	6,602,001		0	6,602,001	6,602,001	40	0.03	165,050	(19,041)	146,009	144,978	
1820	Distribution Station Equipment - Normally Primary below 50 kV	4,984,097	943,634	4,040,463		704,803	5,688,900	4,392,865	25	0.04	175,715	(18,583)	157,131	140,637	16,495
1825	Storage Battery Equipment	0	0	0		0	0	0			0	0	0	-	0
1830	Poles, Towers and Fixtures	30,625,639	8,349,258	22,276,381		2,482,838	33,108,476	23,517,799	25	0.04	940,712	(40,120)	900,592	937,399	(36,807)
1835	Overhead Conductors and Devices	32,923,995	2,924,147	29,999,848		972,176	33,896,171	30,485,936	25	0.04	1,219,437	(5,028)	1,214,410	1,201,695	12,715
1840	Underground Conduit	11,491,536	0	11,491,536		1,369,289	12,860,825	12,176,180	25	0.04	487,047	(265,743)	221,305	223,350	(2,046)
1845	Underground Conductors and Devices	56,340,589	321,277	56,019,312		1,572,596	57,913,186	56,805,610	25	0.04	2,272,224	78,125	2,350,350	2,341,552	8,798
1850	Line Transformers	32,179,000	3,540,519	28,638,481		1,284,894	33,463,894	29,280,928	25	0.04	1,171,237	(14,008)	1,157,229	1,175,644	(18,416)
1855	Services	3,853,918	0	3.853.918		499.935	4.353.853	4,103,885	25	0.04	164,155	(2)	164.153	147.861	16,292
1860	Meters	7,888,994	1,487,006	6,401,988		185,185	8,074,179	6,494,581	25	0.04	259,783	(1,184)	258,599	253,645	4,954
1865	Other Installations on Customer's Premises	440	0	440		0	440	440	25	0.04	18	(18)	0	-	0
1905	Land	508,970	0	508,970		0	508,970	508,970			0	0	0	-	0
1906	Land Rights	0	0			0	0	0			0	0	0	-	0
1908	Buildings and Fixtures	12.458.371	0	12.458.371		0	12,458,371	12,458,371	60	0.02	207,640	2.542	210,181	212,204	(2,023)
1910	Leasehold Improvements	120,252	120,252	(0)		0	120,252	(0)	3	0.33	(0)	- '-	0	-	(2,020)
1915	Office Furniture and Equipment	1,142,390	700,467	441.924		92.593	1,234,983	488,220	10	0.10	48.822	27.610	76,432	79,154	(2,722)
1920	Computer Equipment - Hardware	2.882.799	2.184.673	698,127		291,898	3,174,697	844,076	5	0.20	168,815	91,549	260,364	276,548	
1925	Computer Software	2,116,029	1,949,347	166,682		182,870	2,298,899	258,117	3	0.33	86,039	27,780	113,819	91,435	
1930	Transportation Equipment	6.353.934	4.104.215	2.249.720		462,963	6,816,897	2,481,201	8	0.13	310,150	116,366	426,516	427,330	
1935	Stores Equipment	226.597	186,481	40.116		102,000	226,597	40,116	10	0.10	4,012	(191)	3.821	3,509	
1940	Tools, Shop and Garage Equipment	1,661,083	1,320,132	340,951		92,593	1,753,675	387,247	10	0.10	38,725	28,811	67,536	67,204	
	Measurement and Testing Equipment	188.846	161,507	27,339		02,000	188,846	27,339	5	0.20	5,468	22,619	28,086	28,015	
1950	Power Operated Equipment	0	0	,		0	100,040	27,000	Ū	0.20	0,400	,	20,000	20,010	1 0
1955	Communication Equipment	168,596	112,449	56.147		0	168,596	56,147	4	0.25	14,037	6,033	20.070	18,866	1,204
1960	Miscellaneous Equipment	72,952	53,366	19.586		0	72.952	19.586	5	0.20	3,917	2.806	6,723	6.448	
1970	Load Management Controls - Customer Premises	12,002	00,000	-,		0	72,002	0	Ŭ	0.20	0,017	,	0,720	0,440	0
1975	Load Management Controls - Customer 1 Termises	0	0	v		0	0	0			0	v	0	_	1 0
1980	System Supervisory Equipment	128.961	128.961	0		0	128,961	0	15	0.07	0		0	_	1 0
1985	Sentinel Lighting Rentals	120,901	120,961	v		0	120,961	0	10	0.07	0	_	0	-	1 0
1990	Affiliate Assets	0	0			0	0	-			0	-	0		1 0
1995	Contributions and Grants	(17.481.077)	0	(17.481.077)		(850,000)	(18.331.077)	(17.906.077)	25	0.04	(716.243)	22.784	(693,459)	(694,746)	1.287
	Property under Capital Lease	143.036	143.036	(17,461,077)		(850,000)	143.036	(17,900,077)	25	0.04	(110,243)	22,704	(093,439)	(694,746)	1,207
2003	Total before Work in Process	199,799,030	28.730.727	171.068.303	0	9.344.633	209.143.663	175.740.619	20	0.04	7.095.152	55.676	7,150,827	7.143.688	7,139
	Total before Work III Flocess	199,199,030	20,130,121	171,000,303	U	3,344,033	203,143,003	113,140,019			7,055,152	33,070	7,130,027	1,143,000	1,139
	Work in Process	<b>†</b>												ı	
	Total after Work in Process	199.799.030	28,730,727	171.068.303	0	9.344.633	209,143,663	175.740.619			7.095.152	55,676	7.150.827	ł	
	Total after Work in Process	199,799,030	20,/30,/2/	171,000,303	U	9,344,033	209,143,003	1/5,/40,619			7,090,152	22,0/6	7,100,627		

1925	Computer Software	

Closing NBV Dec 31 2010	166,682
2011 Additions	182,870
2011 Depreciation	
One third 2010 additions	83,341
One third 2011 additions half year	30,478
	113,819

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# **APPENDIX D-Updated Cost of Power**

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					ı uge
Electricity - Commodity	2011 Forecasted				
<u> Liectricity - Commounty</u>	Metered kWhs -	2011 Loss			
Class per Load Forecast	RPP	Factor		2011	
Residential	391,451,845	1.0560	413,369,341	\$0.06838	\$28,266,196
Street Lighting	6,569,845	1.0560	6,937,692	\$0.06838	\$474,399
Sentinel Lighting	179,047	1.0560	189,072	\$0.06838	\$12,929
GS<50kW	102,575,479	1.0560	108,318,709	\$0.06838	\$7,406,833
GS>50kW	88,683,018	1.0560	93,648,404	\$0.06838	\$6,403,678
Intermediate		1.0560	0	\$0.06838	\$0
Unmetered Scattered Load	1,211,706	1.0560	1,279,549	\$0.06838	\$87,496
TOTAL	590,670,939		623,742,768		\$42,651,530
	1				
Electricity - Commodity	2011 Forecasted				
Electricity - Commounty	Metered kWhs -	2011 Loss			
Class per Load Forecast	Non-RPP	Factor		2011	
Residential	71,338,420	1.0560	75,332,678	\$0.06561	\$4,942,577
Street Lighting	897,746	1.0560	948.011	\$0.06561	\$62,199
Sentinel Lighting	113,770	1.0560	120.140	\$0.06561	\$7,882
GS<50kW	19,756,401	1.0560	20,862,567	\$0.06561	\$1,368,793
GS>50kW	539,407,131	1.0560	569,608,684	\$0.06561	\$37,372,026
Intermediate	559,407,151	1.0560	009,000,004	\$0.06561	\$37,372,020
Unmetered Scattered Load	1,123,722	1.0560	1,186,640	\$0.06561	\$77,855
TOTAL	632,637,190	1.0500	668,058,721	φυ.υσσσ1	\$43,831,333
TOTAL	032,037,190		000,030,721		φ43,031,333
Transmission - Network		Volume			
Class per Load Forecast	1	Metric		2011	
Residential		kWh	488,702,020	\$0.0060	\$2,933,975
Street Lighting		kW	20,107	\$1.7080	\$34,344
Sentinel Lighting		kW	809	\$1.6727	\$1,353
GS<50kW		kWh	129,181,276	\$0.0055	\$711,471
GS>50kW		kW	1,818,411	\$2.2593	\$4,108,316
Intermediate		kW	,,	\$0.0000	\$0
Unmetered Scattered Load		kWh	2,466,189	\$0.0055	\$13,566
TOTAL			2, 100, 100	φοισσσσ	\$7,803,026
Transmission - Connection		Volume			
Class per Load Forecast		Metric		2011	
Residential		kWh	488,702,020	\$0.0045	\$2,203,553
Street Lighting		kW	20,107	\$1.2035	\$24,200
Sentinel Lighting		kW	809	\$1.3090	\$1,059
GS<50kW		kWh	129,181,276	\$0.0040	\$516,270
GS>50kW		kW	1,818,411	\$1.5665	\$2,848,564
Intermediate		kW	0	\$0.0000	\$0
Unmetered Scattered Load		kWh	2,466,189	\$0.0040	\$9,883
TOTAL					\$5,603,528
Wholesale Market Service Class per Load Forecast	-			2011	
Residential	1	kWh	488,702,020	\$0.0052	\$2,541,251
Street Lighting		kWh	7,885,703	\$0.0052	\$41,006
Sentinel Lighting		kWh	309,212	\$0.0052	\$1,608
GS<50kW		kWh	129,181,276	\$0.0052 \$0.0052	\$671,743
GS>50kW		kWh		\$0.0052 \$0.0052	\$671,743 \$3,448,937
			663,257,089	The second secon	
Intermediate		kWh	0 400 400	\$0.0052	\$0
Unmetered Scattered Load	1	kWh	2.466.189	\$0.0052	\$12.824

Rural Rate Assistance							
Class per Load Forecast		2011					
Residential	kWh	488,702,020	\$0.0013	\$635,313			
Street Lighting	kWh	7,885,703	\$0.0013	\$10,251			
Sentinel Lighting	kWh	309,212	\$0.0013	\$402			
GS<50kW	kWh	129,181,276	\$0.0013	\$167,936			
GS>50kW	kWh	663,257,089	\$0.0013	\$862,234			
Intermediate	kWh	0	\$0.0013	\$0			
Unmetered Scattered Load	kWh	2,466,189	\$0.0013	\$3,206			
TOTAL				\$1,679,342			

\$0.0052

2,466,189

\$12,824 **\$6,717,368** 

kWh

	2011
4705-Power Purchased	\$86,482,863
4708-Charges-WMS	\$6,717,368
4714-Charges-NW	\$7,803,026
4716-Charges-CN	\$5,603,528
4730-Rural Rate Assistance	\$1,679,342
4750-Low Voltage	\$554,681
TOTAL	108,840,807

Unmetered Scattered Load
TOTAL

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**APPENDIX E-2011 Test Year Updated Load Forecast** 

## 2011 Test Year Updated Load Forecast

	Original As per	Settlement	
	Application (A)	Submission (B)	Difference (C = B-A
Predicted kWh Purchases	1,277,014,423	1,286,014,423	9,000,000
Loss Adjustment Factor	1.0513	1.0513	0
2011 Test Year Billed kWh	1,214,746,971	1,223,308,130	8,561,158
By Class			
Residential			
Customers	46,900	46,900	0
kWh	459,406,923	462,790,265	3,383,342
GS<50			
Customers	4,352	4,352	0
kWh	121,437,543	122,331,880	894,337
GS>50			
Customers	848	848	0
kWh	623,806,670	628,090,148	4,283,479
kW	1,806,009	1,818,411	12,401
Sentinel			
Connections	560	560	0
kWh	292,817	292,817	0
kW	809	809	0
Streetlight			
Connections	12,408	12,408	0
kWh	7,467,591	7,467,591	0
kW	20,107	20,107	0
USL			
Connections	465	465	0
kWh	2,335,428	2,335,428	0
Total			
Customer/Connections	65,533	65,533	0
kWh	1,214,746,971	1,223,308,130	8,561,158
kW from applicable classes	1,826,926	1,839,327	12,401

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## **APPENDIX F-2011 Test Year Updated Other Revenue**

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#### 2011 Test Year Updated Other Revenue

Account	Description	Original As per Application (A)	Settlement Submission (B)	Difference (C = B-A
4235	Miscellaneous Service Revenues	` ` `		
4225	Late Payment Charges	956,878	956,878	0
	, , ,	518,557	518,557	0
4080	SSS Administrative Charge	126,094	126,094	0
4082	RS Rev	80,748	80,748	0
4084	Serv Tx Requests	2,970	2,970	0
4215	Other Utility Operating Income	348,352	348,352	0
4375	Revenues from Non-Utility Operations	65,480	65,480	0
4380	Expenses of Non-Utility Operations	-	(260,000)	(260,000)
4390	Miscellaneous Non-Operating Income	40,000	40,000	0
4405	Interest and Dividend Income	91,863	127,863	36,000
	Subtotal	2,230,942	2,006,942	(224,000)
4405	Remove carrying charges on Deferral and Variance Accounts	45,195	45,195	0
	Total, not including carrying charges	2,185,747	1,961,747	(224,000)
Specific S	ervice Charges	956,878	956,878	0
Late Payment Charges		518,557	518,557	0
Other Distribution Revenues		558,164	558,164	0
Other Inco	me and Expenses	152,148	(71,852)	(224,000)
Net Reve	nue Offset for Distribution Rates	2,185,747	1,961,747	(224,000)

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## **APPENDIX G-2011 Test Year Updated OM&A**

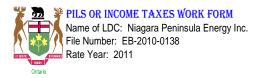
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## 2011 Test Year Updated OM&A

Description	Original As per Application (A)	Settlement Submission (B)	Difference (C = B-A
Operations	3,573,690	3,573,690	0
Maintenance	2,568,416	2,568,416	0
Billing & Collecting	4,195,729	4,195,729	0
Community Relations	81,464	81,464	0
Administrative & General Expense	3,876,135	3,434,908	(441,227)
subtotal OM&A before property taxes	14,295,435	13,854,208	(441,227)
Property Taxes	222,474	222,474	0
Total OM&A	14,517,909	14,076,682	(441,227)

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# **APPENDIX H-2011 Test Year Updated PILS**



## **Data Input Sheet**

Applicants Rate Base	Rate Re-Basing Amount										
Average Net Fixed Assets											
Gross Fixed Assets - Re-Basing Opening	\$	174,707,636	Α								
Add: CWIP Re-Basing Opening			В								
Re-Basing Capital Additions	\$	65,997,114	С								
Re-Basing Capital Disposals	-\$	6,469,694	D								
Re-Basing Capital Retirements	\$	-	Ε								
Deduct: CWIP Re-Basing Closing			F								
Gross Fixed Assets - Re-Basing Closing	\$	234,235,056	G								
Average Gross Fixed Assets				\$	204,471,346	H = (A + G)/2					
Accumulated Depreciation - Re-Basing Opening	\$	85,248,095	1								
Re-Basing Depreciation Expense	\$	41,235,778	J								
Re-Basing Disposals	-\$	5,049,408	Κ								
Re-Basing Retirements	\$	-	L								
Accumulated Depreciation - Re-Basing Closing	\$	121,434,465	M								
Average Accumulated Depreciation				\$	103,341,280	N = (I + M)/2					
Average Net Fixed Assets				\$	101,130,066	O = H - M					
Working Capital Allowance											
Working Capital Allowance Base	\$	122,917,489	Р								
Working Capital Allowance Rate		15.0%	Q								
Working Capital Allowance				\$	18,437,623	R = P * Q					
Rate Base				\$	119,567,689	S = O + R					
Return on Rate Base											
Deemed ShortTerm Debt %		4.00%	Т	\$	4,782,708	W = S * T					
Deemed Long Term Debt %		56.00%	U	\$	66,957,906	X = S * U					
Deemed Equity %		40.00%	٧	\$	47,827,076	Y = S * V					
Short Term Interest		2.46%	Z	\$	117,655	AC = W * Z					
Long Term Interest		6.36%	AA	\$	4,256,543	AD = X * AA					
Return on Equity (Regulatory Income)		9.58%	AB	\$	4,581,834	AE = Y * AB					
Return on Rate Base				\$	8,956,032	AF = AC + AD + AE					

Questions that must be answered	Historic Yes or No	<b>Bridge</b> Yes or No	<b>Test Year</b> Yes or No
Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any Scientific Research and Experimental	No	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	Yes	Yes	Yes
7. Did the applicant pay dividends?  If Yes, please describe what was the tax treatment in the manager's summary.	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No



# FPILS OR INCOME TAXES WORK FORM

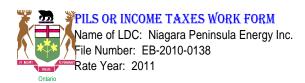
Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

# Schedule 8 and 10 UCC and CEC

	Historic			
Class	Class Description	UCC End of Year Historic per tax returns	Less: Non- Distribution Portion	UCC Test Year Opening Balance
1	Distribution System - post 1987	66,238,417	0	66,238,417
2	Distribution System - pre 1988	4,653,597	0	4,653,597
8	General Office/Stores Equip	1,296,021	0	1,296,021
10	Computer Hardware/ Vehicles	1,373,437	0	1,373,437
10.1	Certain Automobiles	0	0	0
12	Computer Software	184,608	0	184,608
13 <sub>1</sub>	Lease # 1	0	0	0
13 <sub>2</sub>	Lease #2	0	0	0
13 <sub>3</sub>	Lease #3	0	0	0
13 4	Lease # 4	0	0	0
14	Franchise	0	0	0
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	394,209	0	394,209
43.1	Certain Energy-Efficient Electrical Generating Equipment	0	0	0
45	Computers & Systems Software acq'd post Mar 22/04	30,955	0	30,955
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	0	0	0
47	Distribution System - post February 2005	26,661,856	0	26,661,856
50	Data Network Infrastructure Equipment - post Mar 2007	180,020	0	180,020
3		1,565,705	0	1,565,705
1b	Buildings > 18-03-07	6,150,760	0	6,150,760
		0	0	0
		0	0	0
		0	0	0
	SUB-TOTAL - UCC	108,729,585	0	108,729,585
CEC	Goodwill	0	0	0
	Land Rights	1,305,401	0	1,305,401
CEC	FMV Bump-up	0	0	0
		0	0	0
		0	0	0
	SUB-TOTAL - CEC	1,305,401	0	1,305,401



## **Schedule 13 Tax Reserves Historical**

#### CONTINUITY OF RESERVES

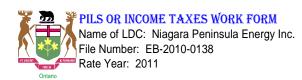
Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
Capital Gains Reserves ss.40(1)			0
Tax Reserves Not Deducted for accounting purposes	•		
Reserve for doubtful accounts ss. 20(1)(I)			0
Reserve for goods and services not delivered ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)			0
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
Total	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)			
` '			
General Reserve for Inventory Obsolescence (non-specific)			0
General reserve for bad debts			0
Accrued Employee Future Benefits:	3,612,877		3,612,877
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accmulated Sick Leave			0
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities			0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
Changes in Regulatory Asset/Liability Variances	7,629,013		7,629,013
Total	11,241,890	0	11,241,890



PILS OR INCOME TAXES WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

## **Historic Year Adjusted Taxable Income**

Historic				
	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
ncome before PILs/Taxes	A	4,146,197	0	4,146,19
Additions:				
Interest and penalties on taxes	103 104	8,655 7,754,076	0	7,754,07
Amortization of tangible assets  Amortization of intangible assets	104	7,754,076	0	7,754,07
Recapture of capital cost allowance from Schedule 8	107	0	0	
Gain on sale of eligible capital property from Schedule 10	108	0	0	
Income or loss for tax purposes- joint ventures or partnerships	109	0	0	
Loss in equity of subsidiaries and affiliates	110	0	0	
Loss on disposal of assets Charitable donations	111 112	0	0	
Taxable Capital Gains	113	0	0	
Political Donations	114	0	0	
Deferred and prepaid expenses	116	0	0	
Scientific research expenditures deducted on financial statements	118	0	0	
Capitalized interest	119	0	0	
Non-deductible club dues and fees  Non-deductible meals and entertainment expense	120 121	0	0	
Non-deductible automobile expenses	121	0	0	
Non-deductible life insurance premiums	123	0	0	
Non-deductible company pension plans	124	0	0	
Tax reserves deducted in prior year	125	0	0	
Reserves from financial statements- balance at end of year	126	11,241,890	0	11,241,8
Soft costs on construction and renovation of buildings	127 205	0	0	
Book loss on joint ventures or partnerships  Capital items expensed	205	0	0	
Debt issue expense	208	0	0	
Development expenses claimed in current year	212	0	0	
Financing fees deducted in books	216	0	0	
Gain on settlement of debt	220	0	0	
Non-deductible advertising	226	0	0	
Non-deductible interest	227	0	0	
Non-deductible legal and accounting fees  Recapture of SR&ED expenditures	228	0	0	
Share issue expense	235	0	0	
Write down of capital property	236	0	0	
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2	) 237	0	0	
	) 231	0	Ü	
Other Additions	290	2,065	0	2,06
Interest Expensed on Capital Leases Realized Income from Deferred Credit Accounts	290	2,065	0	2,00
Pensions	292	0	0	
Non-deductible penalties	293	0	0	
	294	0	0	
Previous years apprentice tax credit claimed and Prior Year Apprentice tax credit	295	45,937	0	45,93
Total Additions		19,052,623	0	19,052,6
Deductions:				
Gain on disposal of assets per financial statements	401	0	0	
Dividends not taxable under section 83	402	0	0	
Capital cost allowance from Schedule 8	403	6,870,909	0	6,870,9
Terminal loss from Schedule 8	404	0	0	
Cumulative eligible capital deduction from Schedule 10	405	98,256	0	98,2
Allowable business investment loss	406	0	0	
Deferred and prepaid expenses Scientific research expenses claimed in year	409 411	0	0	
Tax reserves claimed in current year	411	0	0	
Reserves from financial statements - balance at beginning of year	414	8,531,419	0	8,531,4
Contributions to deferred income plans	416	0,001,110	0	
Book income of joint venture or partnership	305	0	0	
Equity in income from subsidiary or affiliates	306	0	0	
Other deductions: (Please explain in detail the nature of the item)				
Interest conitalized for accounting deducted for the	200	0	0	
Interest capitalized for accounting deducted for tax  Capital Lease Payments	390 391	49,242	0	49,2
Non-taxable imputed interest income on deferral and variance accounts	397	43,242	0	43,2
Apprenticeship and co-op credits included in F/S income	393	27,284	0	27,2
	394	0	0	
Total Deductions		15,577,110	0	15,577,1
Net Income for Tax Purposes	-	7,621,710	0	7,621,7
to moone of tax alposes	1	1,021,110		7,021,7
Charitable donations from Schedule 2	311	0	0	
Faxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320	0	0	
Non-capital losses of preceding taxation years from Schedule 4  Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation and	331	0	0	
ver-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	332	0	0	
Limited partnership losses of preceding taxation years from Schedule 4	335	0	0	
TAXABLE INCOME		7,621,710	0	7,621,7



# Schedule 8 CCA Bridge Year

Class	Class Description	C Bridge Year ening Balance	Additions		Disposals	 Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	R	Reduced UCC	Rate %	Brie	dge Year CCA	ucc	End of Bridge Year
1	Distribution System - post 1987	\$ 66,238,417	\$	\$	-	\$ 66,238,417	\$ -	\$	66,238,417	4%	\$	2,649,537	\$	63,588,880
2	Distribution System - pre 1988	\$ 4,653,597	\$ -	\$	-	\$ 4,653,597	\$ -	\$	4,653,597	6%	\$	279,216	\$	4,374,381
8	General Office/Stores Equip	\$ 1,296,021	\$ 176,811	\$	-	\$ 1,472,832	\$ 88,406	\$	1,384,427	20%	\$	276,885	\$	1,195,947
10	Computer Hardware/ Vehicles	\$ 1,373,437	\$ 1,126,997	\$	-	\$ 2,500,434	\$ 563,498	\$	1,936,935	30%	\$	581,081	\$	1,919,353
10.1	Certain Automobiles	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	30%	\$		\$	-
12	Computer Software	\$ 184,608	\$ 250,022	-\$	54,000	\$ 380,630	\$ 71,011	\$	309,619	100%	\$	309,619	\$	71,011
13 1	Lease # 1	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	5	\$	-	\$	-
13 2	Lease #2	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	4	\$	-	\$	-
13 3	Lease # 3	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	3	\$	-	\$	-
13 4	Lease # 4	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	4	\$	-	\$	-
14	Franchise	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	7	\$	-	\$	-
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	\$ 394,209	\$ -	\$	-	\$ 394,209	\$ -	\$	394,209	8%	\$	31,537	\$	362,672
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -	\$	\$	-	\$ -	\$ -	\$	-	30%	\$		\$	-
45	Computers & Systems Software acq'd post Mar 22/04	\$ 30,955	\$ -	\$	-	\$ 30,955	\$ -	\$	30,955	45%	\$	13,930	\$	17,025
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -	\$ -	\$	-	\$ -	\$ -	\$	-	30%	\$	-	\$	-
47	Distribution System - post February 2005	\$ 26,661,856	\$ 11,828,375	-\$	3,163,008	\$ 35,327,223	\$ 2,751,179	\$	32,576,043	8%	\$	2,606,083	\$	32,721,139
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 180,020	\$ -	\$	-	\$ 180,020	\$ -	\$	180,020	55%	\$	99,011	\$	81,009
3		\$ 1,565,705	\$ -	\$	-	\$ 1,565,705	\$ -	\$	1,565,705	5%	\$	78,285	\$	1,487,420
1b	Buildings > 18-03-07	\$ 6,150,760	\$ -	\$	-	\$ 6,150,760	\$ -	\$	6,150,760	6%	\$	369,046	\$	5,781,714
		\$ -	\$	\$	-	\$ -	\$ -	\$	-		\$		\$	-
		\$ -	\$ -	\$	-	\$ -	\$ -	\$	-		\$		\$	-
		\$ -	\$ -	\$	-	\$ -	\$ -	\$	-		\$		\$	-
		\$ -	\$ -	\$	-	\$ -	\$ -	\$	-		\$	-	\$	-
		\$ -	\$	\$	-	\$ -	\$ -	\$	-		\$		\$	-
		\$ -	\$	\$	-	\$ -	\$ -	\$	-		\$		\$	-
		\$ -	\$ -	\$	-	\$ 	\$ -	\$	-		\$	-	\$	-
		\$ -	\$	\$	-	\$ 	\$ -	\$	-		\$	-	\$	-
		\$ -	\$ -	\$	-	\$ -	\$ -	\$	-		\$	-	\$	-
		\$ -	\$ -	\$	-	\$ -	\$ -	\$	-		\$	-	\$	-
	TOTAL	\$ 108,729,585	\$ 13,382,205	-\$	3,217,008	\$ 118,894,782	\$ 3,474,095	\$	115,420,688		\$	7,294,229	\$	111,600,553

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1,214,023



## PILS OR INCOME TAXES WORK

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

**Cumulative Eligible Capital - Closing Balance** 

# Schedule 10 CEC Bridge Year

Cumulative Eligible Capital Additions			1,3	05,401
Cost of Eligible Capital Property Acquired during Test Year	0			
Other Adjustments	0			
Subtotal	0	x 3/4 =	0	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	x 1/2 =	0	0
Amount transferred on amalgamation or wind-up of subsidiary	0	=		0
Subtota			1,3	05,401
<u>Deductions</u>				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year	0			
Other Adjustments	0			
Subtotal	0	x 3/4 =	0	0
Cumulative Eligible Capital Balance			1,3	05,401
Current Year Deduction		1,305,401	x 7% =	91,378



### PILS OR INCOME TAXES WORK FORM

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

Rate Year: 2011

## Schedule 13 Tax Reserves Bridge

#### CONTINUITY OF RESERVES

CONTINUITY OF RESERVES	THOM STREET							
Description	Historic Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Additions	Disposals	Balance for Bridge Year	Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(I)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for had debts	0		0			0	0	
Accrued Employee Future Benefits:	3,612,877		3,612,877	41,717		3,654,594	41,717	
- Medical and Life Insurance	3,012,077		3,012,077	41,717		3,034,394	41,717	
-Short & Long-term Disability	0		0			0	0	
-Accmulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	0		0			0	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
Changes in Regulatory Asset/Liability Variances	7,629,013		7,629,013	0	0	7,629,013	0	
	0		0			0	0	
Total	11,241,890	0	11,241,890	41,717	0	11,283,607	41,717	0



PILS OR INCOME TAXES WORK
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138
Rate Year: 2011

### **Bridge Year Adjusted Taxable Income**

Bridge		
Бпаде	T2S1 line #	Total for Legal
Income before PILs/Taxes	A	Entity 2,665,199
Additions:		
Interest and penalties on taxes Amortization of tangible assets	103 104	1,039 7,307,102
Amortization of intangible assets	104	7,307,102
Recapture of capital cost allowance from Schedule 8	107	О
Gain on sale of eligible capital property from	108	О
Schedule 10	108	
Income or loss for tax purposes- joint ventures or partnerships	109	О
Loss in equity of subsidiaries and affiliates	110	0
Loss on disposal of assets	111	0
Charitable donations	112	Ö
Taxable Capital Gains Political Donations	113 114	0
Deferred and prepaid expenses	114	0
Scientific research expenditures deducted on	118	О
financial statements Capitalized interest	119	0
Non-deductible club dues and fees	120	Ō
Non-deductible meals and entertainment	121	О
Non-deductible automobile expenses	122	О
Non-deductible life insurance premiums	123	0
Non-deductible company pension plans Tax reserves deducted in prior year	124 125	0
Reserves from financial statements- balance	126	11,283,607
at end of year	126	
Soft costs on construction and renovation of buildings	127	О
Book loss on joint ventures or partnerships	205	0
Capital items expensed	206	0
Debt issue expense	208	0
Development expenses claimed in current	212	O
year Financing fees deducted in books	216	0
Gain on settlement of debt	220	0
Non-deductible advertising	226	0
Non-deductible interest	227	0
Non-deductible legal and accounting fees	228	О
Recapture of SR&ED expenditures	231 235	0
Share issue expense Write down of capital property	236	0
Amounts received in respect of qualifying		
environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	О
Other Additions		
Interest Expensed on Capital Leases Realized Income from Deferred Credit	290	0
Accounts	291	О
Pensions	292	0
Non-deductible penalties Apprenticeship tax credits	293 294	0 39,937
	295	0
Total Additions		18,631,685
Deductions:		
Gain on disposal of assets per financial	401	О
Statements		
Dividends not taxable under section 83 Capital cost allowance from Schedule 8	402 403	7,294,229
		O
Terminal loss from Schedule 8	404	U
Cumulative eligible capital deduction from	404 405	91,378
Cumulative eligible capital deduction from Schedule 10	405	91,378
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss	405 406	91,378 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year	405 406 409	91,378 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance	405 406 409 411	91,378 0 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year	405 406 409 411 413 414	91,378 0 0 0 0 0 11,241,890
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans	405 406 409 411 413 414 416	91,378 0 0 0 0 0 11,241,890
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year	405 406 409 411 413 414	91,378 0 0 0 0 0 11,241,890 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates	405 406 409 411 413 414 416	91,378 0 0 0 0 0 11,241,890
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail	405 406 409 411 413 414 416 305	91,378 0 0 0 0 0 11,241,890 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates	405 406 409 411 413 414 416 305	91,378 0 0 0 0 0 11,241,890 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item)	405 406 409 411 413 414 416 305 306	91,378 0 0 0 0 0 11,241,890 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax	405 406 409 411 413 414 416 305 306	91,378 0 0 0 0 11,241,890 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on	405 406 409 411 413 414 416 305 306 306	91,378 0 0 0 0 11,241,890 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	405 406 409 411 413 414 416 305 306 390 390 391	91,378 0 0 0 0 11,241,890 0 0 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on	405 406 409 411 413 414 416 305 306 306	91,378 0 0 0 0 11,241,890 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	405 406 409 411 413 414 416 305 306 390 391 392	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	405 406 409 411 413 414 416 305 306 390 391 392	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 18,627,498
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	405 406 409 411 413 414 416 305 306 390 391 392	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-texable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes	405 406 409 4111 413 414 416 305 306 390 391 392 393 393	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-texable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes	405 406 409 411 413 414 416 305 306 390 391 392	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 18,627,498
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item)  Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112	405 406 409 4111 413 414 416 305 306 390 391 392 393 393	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	405 406 409 4111 413 414 416 305 306 390 391 392 393 394	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions Net Income for Tax Purposes Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (liem 82) Non-capital losses of preceding taxation years	405 406 409 4111 413 414 416 305 306 390 391 392 393 394	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82) Non-capital losses of preceding taxation years from Schedule 4	405 406 409 4111 413 414 416 305 306 390 391 392 393 394	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 18,627,498 2,669,387 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82) Non-capital losses of preceding taxation years from Schedule 4 Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation	405 406 409 4111 413 414 416 305 306 390 391 392 393 394	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 18,627,498 2,669,387 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82) Non-capital losses of preceding taxation years from Schedule 4	405 406 409 411 413 414 416 305 306 390 391 392 393 394 311 320	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82) Non-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary) Limited partnership losses of preceding taxation	405 406 409 4111 413 414 416 305 306 390 391 392 393 394 311 320 331	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 0 18,627,498 2,669,387 0 0 0 0
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income for Tax Purposes  Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82) Non-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	405 406 409 411 413 414 416 305 306 390 391 392 393 394 311 320	91,378 0 0 0 0 11,241,890 0 0 11,241,890 0 0 0 18,627,498 2,669,387
Cumulative eligible capital deduction from Schedule 10 Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves claimed in current year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions Net Income for Tax Purposes Charitable donations from Schedule 2 Taxable dividends deductible under section 112 or 113, from Schedule 3 (Item 82) Non-capital losses of preceding taxation years from Schedule 4 (Please Include explanation and calculation in Manager's summary) Limited partnership losses of preceding taxation	405 406 409 4111 413 414 416 305 306 390 391 392 393 394 311 320 331	91,378 0 0 0 0 11,241,890 0 0 0 0 0 0 0 0 0 18,627,498 2,669,387 0 0 0 0

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PILS OR INCOME TAXES WORK FORM

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

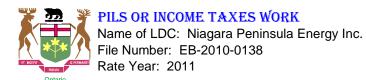
Rate Year: 2011

### **Schedule 8 CCA Test Year**

Class	Class Description	UCC Test Year Opening Balance	Additions	Disposals	 C Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA	UCC	C End of Test Year
1	Distribution System - post 1987	\$ 63,588,880	\$ -	\$ -	\$ 63,588,880	\$ -	\$ 63,588,880	4%	\$ 2,543,555	\$	61,045,325
2	Distribution System - pre 1988	\$ 4,374,381	\$ -	\$ -	\$ 4,374,381	\$ -	\$ 4,374,381	6%	\$ 262,463	\$	4,111,918
8	General Office/Stores Equip	\$ 1,195,947	\$ 185,185	\$ -	\$ 1,381,132	\$ 92,593	\$ 1,288,540	20%	\$ 257,708	\$	1,123,424
10	Computer Hardware/ Vehicles	\$ 1,919,353	\$ 754,861	\$ -	\$ 2,674,214	\$ 377,431	\$ 2,296,784	30%	\$ 689,035	\$	1,985,179
10.1	Certain Automobiles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30%	\$ -	\$	-
12	Computer Software	\$ 71,011	\$ 182,870	\$ -	\$ 253,882	\$ 91,435	\$ 162,446	100%	\$ 162,446	\$	91,435
13 1	Lease # 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$	-
13 2	Lease #2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$	-
13 3	Lease # 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$	-
13 4	Lease # 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$	-
14	Franchise	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$	-
	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	\$ 362,672	\$ -	\$ -	\$ 362,672	\$ -	\$ 362,672	8%	\$ 29,014	\$	333,658
	Certain Energy-Efficient Electrical Generating Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30%	\$ -	\$	-
	Computers & Systems Software acq'd post Mar 22/04	\$ 17,025	\$ -	\$ -	\$ 17,025	\$ -	\$ 17,025	45%	\$ 7,661	\$	9,364
	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30%	\$ -	\$	-
	Distribution System - post February 2005	\$ 32,721,139	\$ 8,221,716	\$ -	\$ 40,942,855	\$ 4,110,858	\$ 36,831,997	8%	\$ 2,946,560		37,996,295
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 81,009		\$ -	\$ 81,009		\$ 81,009	55%	\$ 44,555		36,454
3		\$ 1,487,420	\$ -	\$ -	\$ 1,487,420	\$ -	\$ 1,487,420	5%	\$ 74,371	\$	1,413,049
1b	Buildings > 18-03-07	\$ 5,781,714	\$ -	\$ -	\$ 5,781,714	\$ -	\$ 5,781,714	6%	\$ 346,903	\$	5,434,812
		\$	\$ -	\$ -	\$ -	\$ -	\$		\$ -	\$	-
		\$	\$ -	\$ -	\$ -	\$ -	\$		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
	TOTAL	\$ 111,600,553	\$ 9,344,633	\$ -	\$ 120,945,186	\$ 4,672,316	\$ 116,272,869		\$ 7,364,271	\$	113,580,914

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1,129,041



## **Schedule 10 CEC Test Year**

**Cumulative Eligible Capital - Closing Balance** 

Cumulative Eligible Capital Additions				1,	214,023
Cost of Eligible Capital Property Acquired during Test Year		0			
Other Adjustments		0			
	Subtotal	0	x 3/4 =	0	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002		0	x 1/2 =	0	0
Amount transferred on amalgamation or wind-up of subsidiary		0	=		0
	Subtotal	I		1,	214,023
<u>Deductions</u>					
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year		0			
Other Adjustments		0			
Sc	ubtotal	0	x 3/4 =	0	0
Cumulative Eligible Capital Balance				1,	214,023
Current Year Deduction (Carry Forward to Tab "Test Year Taxable Inc	ome")		1,214,023	x 7% =	84,982



#### **Taxable Income Test Year**

Not Income Refere Tayon	T2 S1 line T	est Year Taxable Income
Net Income Before Taxes		6,178,904
Additions:		
Interest and penalties on taxes	103	
Amortization of tangible assets 2-4 ADJUSTED ACCOUNTING DATA P489	104	7,150,827
Amortization of intangible assets	106	
2-4 ADJUSTED ACCOUNTING DATA P490  Recapture of capital cost allowance from Schedule 8	107	
Gain on sale of eligible capital property from Schedule 10	108	
Income or loss for tax purposes- joint ventures or partnerships	109	
Loss in equity of subsidiaries and affiliates	110	
Loss on disposal of assets Charitable donations	111 112	
Taxable Capital Gains	113	
Political Donations	114	
Deferred and prepaid expenses	116	
Scientific research expenditures deducted on financial statements  Capitalized interest	118 119	
Non-deductible club dues and fees	120	
Non-deductible meals and entertainment expense	121	
Non-deductible automobile expenses	122	
Non-deductible life insurance premiums  Non-deductible company pension plans	123 124	
Tax reserves beginning of year	125	
Reserves from financial statements- balance at end of year	126	11,325,324
Soft costs on construction and renovation of buildings	127	
Book loss on joint ventures or partnerships  Capital items expensed	205 206	
Debt issue expense	208	
Development expenses claimed in current year	212	
Financing fees deducted in books	216	
Gain on settlement of debt	220 226	
Non-deductible advertising Non-deductible interest	227	
Non-deductible legal and accounting fees	228	
Recapture of SR&ED expenditures	231	
Share issue expense	235	
Write down of capital property  Amounts received in respect of qualifying environment trust per paragraphs	236	
12(1)(z.1) and 12(1)(z.2)	237	
Other Additions: (please explain in detail the nature of the item)		
Interest Expensed on Capital Leases Realized Income from Deferred Credit Accounts	290 291	
Pensions	292	
Non-deductible penalties	293	
Apprenticeship tax credit	294	40,000
	295 296	
	297	
Total Additions	291	
	291	18,516,151
	297	18,516,151
Deductions:		18,516,151
Deductions: Gain on disposal of assets per financial statements	401	18,516,151
Deductions:		
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8	401 402 403 404	7,364,27
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC	401 402 403 404 405	7,364,27
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss	401 402 403 404 405 406	7,364,27
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC	401 402 403 404 405	7,364,27
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year	401 402 403 404 405 406 409 411 413	7,364,27′ 84,982
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year	401 402 403 404 405 406 409 411 413 414	7,364,27′ 84,982
Deductions: Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans	401 402 403 404 405 406 409 411 413 414 416	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership	401 402 403 404 405 406 409 411 413 414	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item)	401 402 403 404 405 406 409 411 413 414 416 305 306	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax	401 402 403 404 405 406 409 411 413 414 416 305 306	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393	7,364,27 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 393	7,364,27 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395	7,364,27 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396	7,364,27′ 84,982
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395	7,364,27′ 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396	7,364,271 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396	7,364,27′ 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396	7,364,27′ 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396 397	7,364,27′ 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Pease explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  NET INCOME FOR TAX PURPOSES  Charitable donations	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396	7,364,27′ 84,982 11,283,607
Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the Item) Interest capitalized for accounting deducted for tax Capital Lease Payments	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 393 394 395 396 397	18,516,151  7,364,271  84,982  11,283,607  18,732,860  5,962,196
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  NET INCOME FOR TAX PURPOSES  Charitable donations Taxable dividends received under section 112 or 113 Non-capital losses of preceding taxation years (Please show calculation)	401 402 403 404 405 406 409 411 413 414 416 305 390 391 392 393 394 395 396 397 391 392 393 394 395 396 397	7,364,271 84,982 11,283,607
Deductions:  Gain on disposal of assets per financial statements Dividends not taxable under section 83 Capital cost allowance from Schedule 8 Terminal loss from Schedule 8 Cumulative eligible capital deduction from Schedule 10 CEC Allowable business investment loss Deferred and prepaid expenses Scientific research expenses claimed in year Tax reserves end of year Reserves from financial statements - balance at beginning of year Contributions to deferred income plans Book income of joint venture or partnership Equity in income from subsidiary or affiliates Other deductions: (Please explain in detail the nature of the item) Interest capitalized for accounting deducted for tax Capital Lease Payments Non-taxable imputed interest income on deferral and variance accounts  Total Deductions  Net Income For Tax Purposes  Charitable donations Taxable dividends received under section 112 or 113 Non-capital losses of preceding taxation years from Schedule 7-1	401 402 403 404 405 406 409 411 413 414 416 305 306 390 391 392 393 394 395 396 397	7,364,271 84,982 11,283,607

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# PILS OR INCOME TAXES WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

# PILs,Tax Provision

							Wires Only	
Regulatory Taxable Income							\$ 5,962,196	Α
Ontario Income Taxes Income tax payable	Ontario income tax	11.75%	В	\$	700,558	C = A * E	3	
Small business credit	Ontario Small Business Threshold Rate reduction	\$ 500,000 -7.25%	D E	-\$	36,250	F=D*E	Ē	
Ontario Income tax							\$ 664,308	J=C+F
Combined Tax Rate and PILs	Effective Ontario Tax Rate Federal tax rate Combined tax rate				11.14% 16.50%	K=J/ <i>I</i> L	27.64%	M = L + L
Total Income Taxes							\$ 1,648,070	N = A * M
Investment Tax Credits Miscellaneous Tax Credits Total Tax Credits							\$ 11,000 \$ 40,000 \$ 51,000	0 P Q=0+P
Corporate PILs/Income Tax Provision for	Test Year						\$ 1,597,070	R = N - Q
Corporate PILs/Income Tax Provision Gross	Up				72.36%	S = 1 - N	\$ 610,108	T = R / S - N
Income Tax (grossed-up) Ontario Capital Tax (not grossed-up)							\$ 2,207,179 \$ -	U = R + T V
Tax Provision for Test Year Rate Recover	у						\$ 2,207,179	W = U + V

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# **APPENDIX I-2011 Test Year Updated Cost of Capital**

(subject to Long-Term Debt issue as determined by the Board)

# ORIGINAL APPLICATION

Deemed Capital Structure for 2011										
Description	% of Rate Base	\$	Cost Rate	Return						
Long Term Debt	56%	66,721,168	6.36%	4,241,494						
Unfunded Short Term Debt	4%	4,765,798	2.07%	98,652						
Total Debt	60%	71,486,966		4,340,146						
Common Share Equity	40%	47,657,977	9.85%	4,694,311						
Total equity	40%	47,657,977		4,694,311						
Total Rate Base	100%	119,144,943	7.58%	9,034,456						

Updated for Cost of Capital										
Ι	Deemed Capi	ital Structure fo	or 2011							
	% of Rate									
Description	Base	\$	<b>Cost Rate</b>	Return						
Long Term Debt	56%	66,957,906	6.36%	4,256,543						
Unfunded Short Term Debt	4%	4,782,708	2.46%	117,655						
Total Debt	60%	71,740,614		4,374,198						
Common Share Equity	40%	47,827,076	9.58%	4,581,834						
Total equity	40%	47,827,076		4,581,834						
Total Rate Base	100%	119,567,690	7.49%	8,956,032						

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# **APPENDIX J-2011 Test Year Updated Revenue Deficiency**

#### Niagara Peninsula Energy Revenue Deficiency Determination

Revenue Deficie	ency Determin	ation		
	2010 Bridge	2011 Test	2011 Test - Required	Original
Description	Actual	Existing Rates	Revenue	Application
Revenue				
Revenue Deficiency	0	0	2,869,242	3,378,275
Distribution Revenue	25,989,747	26,949,623	26,949,623	26,857,308
Other Operating Revenue (Net)	1,999,852	1,961,747	1,961,747	2,185,747
Total Revenue	27,989,599	28,911,370	31,780,611	32,421,330
Costs and Expenses				
Administrative & General, Billing & Collecting	7,766,452	7,712,101	7,712,101	8,153,328
Operation & Maintenance	5,935,146	6,142,107	6,142,107	6,142,107
Depreciation & Amortization	7,307,102	7,150,827	7,150,827	7,143,688
Property Taxes	232,000	222,474	222,474	222,474
Capital Taxes	83,846	0	0	-
Deemed Interest	4,083,700	4,374,198	4,374,198	4,340,146
Total Costs and Expenses	25,408,246	25,601,707	25,601,707	26,001,743
Less OCT Included Above	(83,846)	0 25 604 707	0 <b>25,601,707</b>	26 004 742
Total Costs and Expenses Net of OCT	25,324,400	25,601,707	25,001,707	26,001,743
Utility Income Before Income Taxes	2,665,199	3,309,662	6,178,904	6,419,587
Canty modifie before income raxes	2,003,133	3,303,002	0,170,304	0,713,301
Income Taxes:				
Corporate Income Taxes	776,534	828,498	1,597,070	1,725,276
Total Income Taxes	776,534	828,498	1,597,070	1,725,276
		·		
Utility Net Income	1,888,665	2,481,165	4,581,834	4,694,311
Capital Tax Expense Calculation:				
Total Rate Base	114,025,993	119,567,690	119,567,690	119,144,943
Exemption	15,000,000	15,000,000	15,000,000	15,000,000
Deemed Taxable Capital	99,025,993	104,567,690	104,567,690	104,144,943
Ontario Capital Tax	83,846	0	0	-
Income Toy Eymones Coloulation.				
Income Tax Expense Calculation: Accounting Income	2 665 100	2 200 662	6 179 004	6,419,587
Tax Adjustments to Accounting Income	2,665,199 4,188	3,309,662 (216,708)	6,178,904 (216,708)	(131,884)
Taxable Income	2,669,387	3,092,954	5,962,196	6,287,703
Income Tax Expense	776,534	828,498	1,597,070	1,725,276
Tax Rate Refecting Tax Credits	29.09%	26.79%	26.79%	27.44%
	20.0070	20.1.070	20.1.070	2,0
Actual Return on Rate Base:				
Rate Base	114,025,993	119,567,690	119,567,690	119,144,943
Interest Expense	4,083,700	4,374,198	4,374,198	4,340,146
Net Income	1,888,665	2,481,165	4,581,834	4,694,311
Total Actual Return on Rate Base	5,972,365	6,855,362	8,956,032	9,034,456
Actual Return on Rate Base	5.24%	5.73%	7.49%	7.58%
Required Return on Rate Base:				
Rate Base	114,025,993	119,567,690	119,567,690	119,144,943
Return Rates:				
Return on Debt (Weighted)	5.97%	6.10%	6.10%	6.07%
Return on Equity	9.00%	9.58%	9.58%	9.85%
Total Ton Equity	5.5070	5.5676	J.JU /0	9.00/6
Deemed Interest Expense	4,083,700	4,374,198	4,374,198	4,340,146
Return On Equity	4,104,936	4,581,834	4,581,834	4,694,311
Total Return	8,188,635	8,956,032	8,956,032	9,034,456
		. , .	. ,	. ,
Expected Return on Rate Base	7.18%	7.49%	7.49%	7.58%
Revenue Deficiency After Tax	2,216,271	2,100,669	0	-
Revenue Deficiency Before Tax	3,125,485	2,869,242	0	-

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# **APPENDIX K-2011 Test Year Updated Revenue to Cost Ratios**

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#### **Cost Allocation Based Calculations**

Class	Revenue Requirement - 2011 Cost Allocation Model	2011 Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Miscellaneous Revenue Allocated from 2011 Cost Allocation Model	Total Revenue	Revenue Cost Ratio	Check Revenue Cost Ratios from 2011 Cost Allocation Model	Proposed Revenue to Cost Ratio	Proposed Revenue	Miscellaneous Revenue	Proposed Base Revenue	Original	Difference
Residential	21,015,365	16,180,666	1,346,572	17,527,238	83.4%	83.4%	85.0%	17,863,061	1,346,572	16,516,489	85.0%	0.0%
GS < 50 kW	3,601,936	3,662,422	274,930	3,937,352	109.3%	109.3%	109.3%	3,937,352	274,930	3,662,422	108.2%	1.1%
GS >50	6,500,362	9,730,315	333,440	10,063,754	154.8%	154.8%	147.6841%	9,600,000	333,440	9,266,560	148.6%	-0.9%
Large Use	0	0	0	0	0.0%	0.0%	0.0%	0	0	0	0.0%	0.0%
Sentinel Lights	145,590	8,916	1,778	10,694	7.3%	7.3%	38.7%	56,303	1,778	54,525	38.3%	0.4%
Street Lighting	376,167	95,673	2,998	98,671	26.2%	26.2%	48.1%	180,994	2,998	177,996	47.9%	0.3%
USL	141,191	140,873	2,029	142,902	101.2%	101.2%	101.2%	142,902	2,029	140,873	100.5%	0.7%
TOTAL	31,780,612	29,818,865	1,961,747	31,780,612	100.0%	100.0%		31,780,612	1,961,747	29,818,865		

#### Distribution Rate Allocation Between Fixed & Variable Rates For 2011 Test Year

Customer Class	Total Net Rev. Requirement	Rev Requirement %	Proposed Fixed Rate	Resulting Variable Rate	7	Fotal Fixed Revenue	Т	otal Variable Revenue	Transformer Allowance	Gross Distribution Revenue	LV & Wheeling Charges	To	otal
Residential	16,516,489	55.39%	16.05	\$0.0162	\$	9,030,603	\$	7,485,886		16,516,489	212,506	16	5,728,994
GS < 50 kW	3,662,422	12.28%	37.79	\$0.0138	\$	1,973,672	\$	1,688,749		3,662,422	49,151	3	3,711,573
GS >50	9,266,560	31.08%	179.88	\$4.3048	\$	1,831,183	\$	7,435,377	\$ 392,476	9,659,036	289,496	9	9,948,532
Large Use	0	0.00%	0.00	\$0.0000	\$	-	\$	-		0	0		0
Sentinel Lights	54,525	0.18%	7.05	\$8.8092	\$	47,399	\$	7,126		54,525	108		54,633
Street Lighting	177,996	0.60%	0.78	\$3.0654	\$	116,359	\$	61,637		177,996	2,459		180,455
USL	140,873	0.47%	19.52	\$0.0136	\$	108,995	\$	31,878		140,873	961		141,834
TOTAL	29,818,865	100.00%			\$	13,108,211	\$	16,710,653	\$ 392,476	\$ 30,211,340	\$ 554,681	\$ 30,	,766,021
			Forecast Fixed/\	ariable Ratios		43.388%		55.313%	1.299%	100.000%		30	0,766,021

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**Fixed Charge Analysis** 

Customer Class	Current Volumetric Split	Current Fixed Charge Spilt	Total	Fixed Rate Based on Current Fixed/Variable Revenue Proportions	2010 Rates From OEB Approved Tariff	Minimum System with PLCC Adustment (Ceiling Fixed Charge From Cost Allocation Model)
Residential	45.32%	54.68%	100.00%	16.05	15.96	26.40
GS < 50 kW	46.11%	53.89%	100.00%	37.79	47.27	38.64
GS >50	80.24%	19.76%	100.00%	179.88	280.14	110.79
Large Use	0.00%	100.00%	100.00%	0.00	0.00	0.00
Sentinel Lights	13.07%	86.93%	100.00%	7.05	1.10	21.42
Street Lighting	34.63%	65.37%	100.00%	0.78	0.32	19.58
USL	22.63%	77.37%	100.00%	19.52	23.65	19.55
TOTAL						

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	Updated Revenue to Cost Ratios										
Class	2011 Cost Allocation Study	2011 Proposed Ratios	2012 Proposed Ratios	2013 Proposed Ratios		Targets Max					
Residential	83.4%	85.0%	85.0%	85.0%	85.0%	115.0%					
GS < 50	109.3%	109.3%	109.3%	109.3%	80.0%	120.0%					
General Service 50 to 4999 kW	154.8%	147.7%	146.7%	145.7%	80.0%	180.0%					
Streetlight	7.3%	48.1%	58.9%	70.0%	70.0%	120.0%					
Sentinel Lights	26.2%	38.7%	54.1%	70.0%	70.0%	120.0%					
Unmetered Scattered Load	101.2%	101.2%	101.2%	101.2%	80.0%	120.0%					

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# **APPENDIX L-Summary of Updated Customer Impacts**

#### Niagara Falls

	Typical kwh	Typical kW Demand	Delivery Charge Impact % as	Delivery Charge Impact % as per Settlement	Change	Total Bill Impact % as per	Total Bill Impact % as per Settlement	Change
<b>.</b>	Usage	Demand	per Application		pts (0.70)	Application		pts
Residential	800		17.64%	14.84%	(2.79)	4.27%	3.87%	(0.40)
GS<50	2,000		1.81%	0.18%	(1.63)	0.01%	-0.02%	(0.03)
GS>50	65,000	180	21.80%	24.15%	2.35	1.96%	2.65%	0.70
Sentinel	43.57	0.12	476.47%	466.41%	(10.05)	123.59%	121.23%	(2.36)
Street Lighting	49.60	0.13	143.79%	138.94%	(4.85)	13.36%	13.22%	(0.14)
USL	250		-9.55%	-11.07%	(1.52)	-5.18%	-5.77%	(0.59)

#### Peninsula West

			Delivery Charge	Delivery Charge		Total Bill Impact % as	Total Bill Impact % as	
	Typical kwh	Typical kW	Impact % as	Impact % as	Change	per	per	Change
	Usage	Demand	per Application	per Settlement	pts	Application	Settlement	pts
Residential-Urban	800		23.02%	19.76%	(3.26)	4.40%	3.99%	(0.41)
Residential-Suburban	800		42.82%	39.04%	(3.78)	7.76%	7.33%	(0.43)
GS<50	2,000		50.06%	47.32%	(2.75)	7.22%	7.18%	(0.03)
GS>50	55,000	175	-32.70%	-31.22%	1.48	-6.14%	-5.43%	0.71
Sentinel	43.57	0.12	754.09%	738.96%	(15.13)	141.63%	139.05%	(2.58)
Street Lighting	52	0.14	93.14%	88.37%	(4.77)	7.92%	7.79%	(0.13)
USL	250		157.38%	152.88%	(4.50)	41.69%	40.79%	(0.90)

	Fixed Rates	Fixed Rates	Variable Rates	Variable Rates		
	per	per	per	per		
	Application	Settlement	Application	Settlement		
Residential	16.55	16.05	0.0170	0.0162		
GS<50	38.45	37.79	0.0144	0.0138		
GS>50	222.81	179.88	4.1353	4.3048		
Sentinel	7.19	7.05	9.0642	8.8092		
Street Lighting	0.80	0.78	3.2199	3.0654		
USL	19.87	19.52	0.0142	0.0136		

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# **APPENDIX M-Updated 2011 Test Year Low Voltage Rates**

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# **RATES - Low Voltage Adjustment**

Customer Class	LV Adj. Allocated	UpdatedCalculat ed kWh	Updated Calculated kW	Volumetric Rate Type	LV/ Adj. Rates/kWh	LV Adj. Rates/ kW
Residential	212,505.83	462,790,265	0	kWh	0.0005	
GS < 50 kW	49,151.22	122,331,880	0	kWh	0.0004	
GS >50	289,496.23	628,090,148	1,818,411	kW		0.1592
Large Use	0.00	0	0	kW		0.0000
Sentinel Lights	107.62	292,817	809	kW		0.1330
Street Lighting	2,459.25	7,467,591	20,107	kW		0.1223
USL	960.68	2,335,428	0	kWh	0.0004	
TOTALS	554,680.83	1,223,308,130	1,839,327			

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Appendix N-Updated 2011 Retail Service Transmission Rates (RTSR)

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Transmission - Network					% of RTSR	Allocate 2011		
	Volume	2011 billing			revenue @	purchases to		
Class per Load Forecast	Metric	Determinants	2010-Current	RTSR	2010 rates	rate class	Propose	d 2011 RTSR
Residential	kWh	488,702,020	0.0053	2,571,543	37.60%	2,933,975.2	0.0060	2,933,975
GS<50	kWh	129,181,276	0.0048	623,584	9.12%	711,471.2	0.0055	711,471
GS>50	kW	1,818,411	1.9802	3,600,818	52.65%	4,108,315.5	2.2593	4,108,316
Sentinel	kW	809	1.4661	1,186	0.02%	1,353.2	1.6727	1,353
Street Lighting	kW	20,107	1.4970	30,102	0.44%	34,344.0	1.7080	34,344
USL	kWh	2,466,189	0.0048	11,891	0.17%	13,566.5	0.0055	13,566
Total - GL 4066				6,839,123	100.00%	7,803,026		7,803,026

Combined Rate (Fo	or Rate Design Model)
	Residential
	GS<50
	GS>50
2.9817	Sentinel
	Street Lighting
0.0095	USL

Transmission - Connection					% of RTSR	Allocate 2011		
	Volume	2011 billing			revenue @	purchases to		
Class per Load Forecast	Metric	Determinants	2010-Current	t RTSR	2010 rates	rate class	Propose	d 2011 RTSR
Residential	kWh	488,702,020	0.0048	2,340,916	39.32%	2,203,553	0.0045	2,203,553
GS<50	kWh	129,181,276	0.0042	548,452	9.21%	516,270	0.0040	516,270
GS>50	kW	1,818,411	1.6642	3,026,135	50.84%	2,848,564	1.5665	2,848,564
Sentinel	kW	809	1.3906	1,125	0.02%	1,059	1.3090	1,059
Street Lighting	kW	20,107	1.2785	25,708	0.43%	24,200	1.2035	24,200
USL	kWh	2,466,189	0.0043	10,499	0.18%	9,883	0.0040	9,883
Total - GL 4068				5.952.836	100.00%	5.603.528		5,603,528

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# **APPENDIX O-Updated 2011 Test Year EDDVAR Rate Riders**

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				2011 Forecast	Billing	Updated	Pre-Filed Application	
Rate Class	Group 1	Group 2	Total	Quantities	Factor	Rate	Original Load Forecast	Difference
Residential	(699,624)	723,062	23,437	462,790,265	kWh	0.0001	0.0001	(0.0000)
GS<50	(227,088)	71,070	(156,018)	122,331,880	kWh	(0.0013)	(0.0013)	0.0000
GS>50	(1,123,984)	19,423	(1,104,561)	1,818,411	kW	(0.6074)	(0.6119)	0.0045
Sentinel	(764)	2,503	1,738	809	kW	2.1490	2.1482	0.0008
Street Lighting	(12,846)	128	(12,719)	20,107	kW	(0.6325)	(0.6329)	0.0004
USL	(3,611)	2,438	(1,173)	2,335,428	kWh	(0.0005)	(0.0005)	(0.0000)
Total	(2,067,919)	818,623	(1,249,295)					

Rate Class	RSVA 1588 Power sub- Account Global Adjustment	2011 Forecast Non- RPP Quantities	Billing Factor	Updated Rate	Pre-Filed Application Original Load Forecast	Difference
Residential	111,625	71,338,420	kWh	0.0016	0.0016	(0.0000)
GS<50	37,959	19,756,401	kWh	0.0019	0.0019	0.0000
GS>50	999,104	1,561,661	kW	0.6398	0.6442	(0.0044)
Sentinel	307	314	kW	0.9780	0.9780	0.0000
Street Lighting	1,598	2,417	kW	0.6613	0.6613	(0.0000)
USL	1,799	1,123,722	kWh	0.0016	0.0016	0.0000
Total	1,152,393	93,782,936				

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**APPENDIX P-Updated 2011 Test Year Revenue Requirement Work Form** 

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Version: 2.11



REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

	Onland									
						Data Input				(1
		Initial Application		Adjustments		Settlement Agreement	(7)	Adjustments	Per Board Decision	
1	Rate Base									
	Gross Fixed Assets (average) Accumulated Depreciation (average) Allowance for Working Capital:	\$205,000,203 (\$103,031,549)	(5)	(\$528,857) (\$309,731)	\$ -\$	204,471,346 103,341,280			\$204,471,346 (\$103,341,280)	
	Controllable Expenses	\$14,517,909		(\$441,227)	\$	14,076,682			\$14,076,682	
	Cost of Power Working Capital Rate (%)	\$99,990,688 15.00%		\$8,850,119	\$	108,840,807 15.00%			\$108,840,807 15.00%	
2	Utility Income									
	Operating Revenues: Distribution Revenue at Current Rates	<b>\$20.057.200</b>		\$92.314		¢26.040.622		<b>C</b> O	#2C 040 C22	
	Distribution Revenue at Current Rates Distribution Revenue at Proposed Rates Other Revenue:	\$26,857,308 \$30,235,583		(\$416,718)		\$26,949,623 \$29,818,865		\$0 \$0	\$26,949,623 \$29,818,865	
	Specific Service Charges	\$956,878		\$0		\$956,878		\$0	\$956,878	
	Late Payment Charges	\$518,557		\$0		\$518,557		\$0	\$518,557	
	Other Distribution Revenue Other Income and Deductions	\$558,164 \$152,148		\$0 (\$224,000)		\$558,164 (\$71,852)		\$0 \$0	\$558,164 (\$71,852)	
	Operating Expenses:									
	OM+A Expenses	\$14,295,435		(\$441,227)	\$	13,854,208			\$13,854,208	
	Depreciation/Amortization Property taxes	\$7,143,688 \$222,474		\$7,139 \$ -	\$ \$	7,150,827 222,474			\$7,150,827 \$222,474	
	Capital taxes	\$0		Ψ-	Ψ	\$0			\$222,474	
	Other expenses									
3	Taxes/PILs Taxable Income:									
	Adjustments required to arrive at taxable income	(\$131,884)	(3)			(\$216,708)			(\$216,708)	
	Utility Income Taxes and Rates:	• • • • • • • • • • • • • • • • • • • •				•=====			•	
	Income taxes (not grossed up) Income taxes (grossed up)	\$1,237,886 \$1,725,276				\$1,145,898 \$1,597,070			\$1,145,898 \$1,597,070	
	Capital Taxes		(6)				(6)			(6
	Federal tax (%)	16.50%	(-,			16.50%	(-,		16.50%	
	Provincial tax (%)	11.75%				11.75%			11.75%	
	Income Tax Credits	(\$51,000)				(\$87,250)			(\$87,250)	
4	Capitalization/Cost of Capital Capital Structure:									
	Long-term debt Capitalization Ratio (%)	56.0%				56.0%			56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%	(2)			4.0%	(2)		4.0%	
	Common Equity Capitalization Ratio (%) Prefered Shares Capitalization Ratio (%)	40.0%				40.0%			40.0%	
	Troising Charge Capitalization (10)	100.0%			_	100.0%			100.0%	
	Cost of Capital									
	Long-term debt Cost Rate (%)	6.36%				6.36%				
	Short-term debt Cost Rate (%)	2.07%				2.46%			2.46%	
	Common Equity Cost Rate (%)	9.85%				9.58%			9.58%	
	Prefered 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

- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) 4.0% unless an Applicant has proposed or been approved for another amount.

  Net of addbacks and deductions to arrive at taxable income. (1) (2) (3) (4) (5) (6)

- Average of Gross Fixed Assets at beginning and end of the Test Year Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- Not applicable as of July 1, 2010
- Select option from drop-down list by clicking on cell M10. This columnallows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outsome of any Settlement Process can be reflected.

Niagara Peninsula Energy EB-2010-0138

**Proposed Settlement Agreement** Filed: May 4, 2011

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REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

					Rate Base		
Line No.	Particulars	_	Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1 2 3	Gross Fixed Assets (average) Accumulated Depreciation (average) Net Fixed Assets (average) Allowance for Working Capital	(3) (3) (3) (1)	\$205,000,203 (\$103,031,549) \$101,968,654 \$17,176,290	(\$528,857) (\$309,731) (\$838,588) \$1,261,334	\$204,471,346 (\$103,341,280) \$101,130,066 \$18,437,623	\$ - \$ - \$ - \$ -	\$204,471,346 (\$103,341,280) \$101,130,066 \$18,437,623
5	Total Rate Base	=	\$119,144,943	\$422,746	\$119,567,689	<u> </u>	\$119,567,689
	(1)		Allowance for	Working Capital - Derivat	ion		
6 7 8	Controllable Expenses Cost of Power Working Capital Base	_	\$14,517,909 \$99,990,688 \$114,508,597	(\$441,227) \$8,850,119 \$8,408,892	\$14,076,682 \$108,840,807 \$122,917,489	\$ - \$ - \$ -	\$14,076,682 \$108,840,807 \$122,917,489
9	Working Capital Rate %	(2)	15.00%	0.00%	15.00%	0.00%	15.00%
10	Working Capital Allowance		\$17,176,290	\$1,261,334	\$18,437,623	\$ -	\$18,437,623

(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
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011 Version: 2.11

					Utility income			
Line No.	Particulars		Initial Application	Adjustments	Settlement Agreement		Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)		\$30,235,583	(\$416,718)	\$29,818,865		\$ -	\$29,818,865
2		(1)	\$2,185,747	(\$4,147,493)	\$1,961,747		\$ <u>-</u>	\$1,961,747
3	Total Operating Revenues	_	\$32,421,330	(\$4,564,212)	\$31,780,611	_	\$ -	\$31,780,611
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	-	\$14,295,435 \$7,143,688 \$222,474 \$ - \$ -	(\$441,227) \$7,139 \$ - \$ - \$ -	\$13,854,208 \$7,150,827 \$222,474 \$-		\$ - \$ - \$ - \$ - \$ -	\$13,854,208 \$7,150,827 \$222,474 \$-
9	Subtotal (lines 4 to 8)		\$21,661,597	(\$434,088)	\$21,227,509		\$ -	\$21,227,509
10	Deemed Interest Expense	_	\$4,340,146	\$34,052	\$4,374,198		\$ -	\$4,374,198
11	Total Expenses (lines 9 to 10)	_	\$26,001,743	(\$400,036)	\$25,601,707		\$ -	\$25,601,707
12	Utility income before income taxes	=	\$6,419,587	(\$4,164,176)	\$6,178,904	=	<u>\$-</u>	\$6,178,904
13	Income taxes (grossed-up)	_	\$1,725,276	(\$128,206)	\$1,597,070	-	\$ -	\$1,597,070
14	Utility net income	=	\$4,694,311	(\$4,035,970)	\$4,581,834	-	\$ -	\$4,581,834
Notes								
(1)	Other Revenues / Revenue Of	fsets						
<i>、</i> ,	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	-	\$956,878 \$518,557 \$558,164 \$152,148	\$ - \$ - \$ - (\$224,000)	\$956,878 \$518,557 \$558,164 (\$71,852)		\$ - \$ - \$ - \$ -	\$956,878 \$518,557 \$558,164 (\$71,852)
	Total Revenue Offsets	=	\$2,185,747	(\$224,000)	\$1,961,747	=	\$ -	\$1,961,747

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# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

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		Taxes/PILs				
Line No.	Particulars	Application		Settlement Agreement		Per Board Decision
	<b>Determination of Taxable Income</b>					
1	Utility net income before taxes	\$4,694,311		\$4,581,834		\$4,581,834
2	Adjustments required to arrive at taxable utility income	(\$131,884)		(\$216,708)		(\$216,708)
3	Taxable income	\$4,562,427		\$4,365,126		\$4,365,126
	Calculation of Utility income Taxes					
4 5	Income taxes Capital taxes	\$1,237,886 \$ -	(1)	\$1,145,898 <u>\$ -</u>	(1)	\$1,145,898 <u>\$ -</u>
6	Total taxes	\$1,237,886		\$1,145,898		\$1,145,898
7	Gross-up of Income Taxes	\$487,390		\$451,172		\$451,172
8	Grossed-up Income Taxes	\$1,725,276		\$1,597,070		\$1,597,070
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$1,725,276		\$1,597,070		\$1,597,070
10	Other tax Credits	(\$51,000)		(\$87,250)		(\$87,250)
	<u>Tax Rates</u>					
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	16.50% 11.75% 28.25%		16.50% 11.75% 28.25%		16.50% 11.75% 28.25%

#### **Notes**

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

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# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

EB-2010-0138 File Number:

Rate Year: 2011

### Capitalization/Cost of Capital

Line No.	Particulars	Capitaliz	zation Ratio	Cost Rate	Return
			Initial Application		
	•	(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$66,721,168	6.36%	\$4,241,494
2	Short-term Debt	4.00%	\$4,765,798	2.07%	\$98,652
3	Total Debt	60.00%	\$71,486,966	6.07%	\$4,340,146
	Equity				
4	Common Equity	40.00%	\$47,657,977	9.85%	\$4,694,311
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$47,657,977	9.85%	\$4,694,311
7	Total	100.00%	\$119,144,943	7.58%	\$9,034,456

	Settlement Agreement						
	•	(%)	(\$)	(%)	(\$)		
	Debt						
1	Long-term Debt	56.00%	\$66,957,906	6.36%	\$4,256,543		
2	Short-term Debt	4.00%	\$4,782,708	2.46%	\$117,655		
3	Total Debt	60.00%	\$71,740,613	6.10%	\$4,374,198		
4 5 6	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$47,827,076 \$ - \$47,827,076	9.58% 0.00% 9.58%	\$4,581,834 \$- \$4,581,834		
7	Total	100.00%	\$119,567,689	7.49%	\$8,956,031		

	Per Board Decision						
	Debt	(%)	(\$)	(%)	(\$)		
8 9	Long-term Debt Short-term Debt	56.00% 4.00%	\$66,957,906 \$4,782,708	6.36% 2.46%	\$4,256,543 \$117,655		
10	Total Debt	60.00%	\$71,740,613	6.10%	\$4,374,198		
	Equity						
11 12	Common Equity Preferred Shares	40.00% 0.00%	\$47,827,076 \$ -	9.58% 0.00%	\$4,581,834 \$ -		
13	Total Equity	40.00%	\$47,827,076	9.58%	\$4,581,834		
14	Total	100.00%	\$119,567,689	7.49%	\$8,956,031		

# Notes (1)

Niagara Peninsula Energy EB-2010-0138

**Proposed Settlement Agreement** 

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REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

C	Ontario						
				Revenue Sufficie	ncy/Deficiency		
		Initial Appl	cation	Settlement A	greement	Per Boar	d Decision
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1 2 3	Revenue Deficiency from Below Distribution Revenue Other Operating Revenue Offsets - net	\$26,857,308 \$2,185,747	\$3,378,275 \$26,857,308 \$2,185,747	\$26,949,623 \$1,961,747	\$2,869,242 \$26,949,623 \$1,961,747	\$26,949,623 \$1,961,747	\$2,869,242 \$26,949,623 \$1,961,747
4	Total Revenue	\$29,043,055	\$32,421,330	\$28,911,370	\$31,780,611	\$28,911,370	\$31,780,611
5 6	Operating Expenses Deemed Interest Expense Total Cost and Expenses	\$21,661,597 \$4,340,146 \$26,001,743	\$21,661,597 \$4,340,146 \$26,001,743	\$21,227,509 \$4,374,198 \$25,601,707	\$21,227,509 \$4,374,198 \$25,601,707	\$21,227,509 \$4,374,198 \$25,601,707	\$21,227,509 \$4,374,198 \$25,601,707
7	Utility Income Before Income Taxes	\$3,041,312	\$6,419,587	\$3,309,663	\$6,178,904	\$3,309,663	\$6,178,904
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$131,884)	(\$131,884)	(\$216,708)	(\$216,708)	(\$216,708)	(\$216,708)
9	Taxable Income	\$2,909,428	\$6,287,703	\$3,092,955	\$5,962,196	\$3,092,955	\$5,962,196
10 11	Income Tax Rate  Income Tax on Taxable Income	28.25% \$821,913	28.25% \$1,776,276	28.25% \$873,760	28.25% \$1,684,320	28.25% \$873,760	28.25% \$1,684,320
12 13		(\$51,000) \$2,270,399	(\$51,000) \$4,694,311	(\$87,250) \$2,523,153	(\$87,250) \$4,581,834	(\$87,250) \$2,523,153	(\$87,250) \$4,581,834
14	Utility Rate Base	\$119,144,943	\$119,144,943	\$119,567,689	\$119,567,689	\$119,567,689	\$119,567,689
	Deemed Equity Portion of Rate Base	\$47,657,977	\$47,657,977	\$47,827,076	\$47,827,076	\$47,827,076	\$47,827,076
15 16	Income/Equity Rate Base (%) Target Return - Equity on Rate Base	4.76% 9.85%	9.85% 9.85%	5.28% 9.58%	9.58% 9.58%	5.28% 9.58%	9.58% 9.58%
17		-5.09%	0.00%	-4.30%	0.00%	-4.30%	0.00%
18 19	Indicated Rate of Return Requested Rate of Return on Rate Base	5.55% 7.58%	7.58% 7.58%	5.77% 7.49%	7.49% 7.49%	5.77% 7.49%	7.49% 7.49%
20	Sufficiency/Deficiency in Rate of Return	-2.03%	0.00%	-1.72%	0.00%	-1.72%	0.00%
21 22 23	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$4,694,311 \$2,423,912 \$3,378,275 <b>(1)</b>	\$4,694,311 \$ -	\$4,581,834 \$2,058,681 \$2,869,242 <b>(1</b>	\$4,581,834 (\$0)	\$4,581,834 \$2,058,681 \$2,869,242	\$4,581,834 (\$0)

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

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# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

### **Revenue Requirement** Settlement Line Per Board Decision **Particulars** Application Agreement No. \$13,854,208 OM&A Expenses \$13,854,208 \$14,295,435 1 Amortization/Depreciation \$7,150,827 \$7,143,688 \$7,150,827 **Property Taxes** \$222,474 \$222,474 \$222,474 3 Capital Taxes \$ -\$ -\$ -Income Taxes (Grossed up) \$1,725,276 \$1,597,070 \$1,597,070 5 Other Expenses \$ -Return Deemed Interest Expense \$4,340,146 \$4,374,198 \$4,374,198 Return on Deemed Equity \$4,694,311 \$4,581,834 \$4,581,834 Distribution Revenue Requirement before Revenues \$32,421,330 \$31,780,611 \$31,780,611 Distribution revenue \$30,235,583 \$29,818,865 \$29,818,865 9 10 Other revenue \$2,185,747 \$1,961,747 \$1,961,747 \$32,421,330 \$31,780,611 \$31,780,611 11 **Total revenue Difference (Total Revenue Less Distribution Revenue Requirement** before Revenues) \$ - **(1)** (\$0) (1) (\$0) (1)

## <u>Notes</u>

(1) Line 11 - Line 8

Niagara Peninsula Energy EB-2010-0138 **Proposed Settlement Agreement** Filed: May 4, 2011

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REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

# Residential

							Re	esio	dential						
		Consumption		800	kWh										
				Current I	Board-App	rov	ed		F	Proposed				lmr	act
				Rate	Volume		harge	-	Rate	Volume	(	Charge	$\vdash$		%
		Charge Unit		(\$)		_	(\$)		(\$)	10.0		(\$)	ls c	hange	Change
1	Monthly Service Charge	monthly	\$	15.9600	1	\$	15.96	\$		1	\$	16.05	\$	0.09	0.56%
2	Smart Meter Rate Adder	monthly	\$	1.0000	1	\$	1.00	\$			\$	1.00	\$	-	0.00%
3	Service Charge Rate Adder(s)		*		1 1	\$	-	_		l i	\$	-	\$	_	0.007
4	Service Charge Rate Rider(s)				1	\$	_			l 1	\$	_	\$	_	
5	Distribution Volumetric Rate	per kWh	\$	0.0136	800	\$	10.88	\$	0.0162	800	\$	12.96	\$	2.08	19.12%
6	Low Voltage Rate Adder	per kWh	•		800	\$	-	\$	0.0005	800	\$	0.40	\$	0.40	
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	per kWh	-\$	0.0028	800	-\$	2.24	-\$	0.0028	800	-\$	2.24	\$	-	0.00%
	Disposition Rate Rider														
12	Deferrral & Variance Acct (kWh)	per kWh	\$	-	800	\$	-	\$	0.0001	800	\$	0.08	\$	0.08	
	May 2011-April 2012														
13	Global Adjustmenr Rate Rider	per kWh	\$	0.0011	800	\$	0.88	\$	0.0011	800	\$	0.88	\$	-	0.00%
	(kWh) May 2010 - April 2012														
	Non-RPP Only.														
14	Global Adjustmenr Rate Rider	per kWh	\$	-	800	\$	-	\$	0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012														
	Non-RPP Only.														
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	26.48				\$	30.41	\$	3.93	14.84%
17	RTSR - Network	per kWh	\$	0.0053	845.76	\$	4.48	\$	0.0060	844.7922	\$	5.07	\$	0.59	13.15%
18	RTSR - Line and	per kWh	\$	0.0046	845.76	\$	3.89	\$	0.0045	844.7922	\$	3.81	-\$	0.08	-2.09%
	Transformation Connection		Ψ	0.0010	010.70			Ψ	0.0040	011.7022	·				
19	Sub-Total B - Delivery					\$	34.85				\$	39.29	\$	4.44	12.73%
	(including Sub-Total A)							L							
20	Wholesale Market Service	per kWh	\$	0.0052	845.76	\$	4.40	\$	0.0052	844.7922	\$	4.39	-\$	0.01	-0.11%
	Charge (WMSC)												١.		
21	Rural and Remote Rate	per kWh	\$	0.0013	845.76	\$	1.10	\$	0.0013	844.7922	\$	1.10	-\$	0.00	-0.11%
	Protection (RRRP)												١.		
22	Special Purpose Charge	per kWh		0.0003725	845.76		0.32	\$	<u>-</u>	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	\$		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						\$	-	H			\$	-	\$	-	2 222/
28	Total Bill (before Taxes)			100/		\$	104.27	L	100/		\$		\$	4.05	3.88%
29	HST			13%		\$	13.56	-	13%		\$	14.08	\$	0.53	3.88%
30	Total Bill (including Sub-total					\$	117.83				\$	122.40	\$	4.57	3.88%
	В)		Щ					L					<u> </u>		
31	Loss Factor (%)	Note 1		5.72%	1				5.60%	1					
31	2000 1 40101 (70)			0.12/0					5.00 /6						

## Notes:

Niagara Peninsula Energy EB-2010-0138 Proposed Settlement Agreement Filed: May 4, 2011

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## REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

### General Service < 50 kW

5.60%

Consumption 2000 kWh Current Board-Approved Proposed Impact Rate Volume Charge Volume Charge **Charge Unit** (\$) (\$) Change Change Monthly Service Charge monthly 47.2700 \$ \$ 37.7900 9.48 20.06% Smart Meter Rate Adder monthly 1.0000 1.00 1.0000 1.00 \$ 0.00% Service Charge Rate Adder(s) 3 \$ Service Charge Rate Rider(s)
Distribution Volumetric Rate \$ \$ \$ \$ per kWh 0.0100 20.00 0.0138 27.60 7.60 38 00% 2000 2000 \$ 5 \$ \$ Low Voltage Rate Adder per kWh 2000 0.0004 2000 0.80 0.80 6 Volumetric Rate Adder(s) per kWh 2000 2000 Volumetric Rate Rider(s) 2000 \$ \$ \$ 2000 \$ Smart Meter Disposition Rider 2000 2000 LRAM & SSM Rider 2000 2000 11 Deferral/Variance Account monthly 0.0027 2000 -\$ 5.40 0.0027 2000 -\$ 5.40 \$ 0.00% Disposition Rate Rider Deferrral & Variance Acct (kWh) 0.0013 -\$ per kWh 2000 \$ 2000 -\$ 2 60 2 60 12 May 2011-April 2012 0.0011 0.0011 0.00% 13 Global Adjustment Rate Rider per kWh \$ 2000 \$ 2.20 2000 \$ 2.20 \$ (kWh) May 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider 2000 \$ 0.0019 2000 \$ 3.80 \$ 3.80 (kWh) May 2011 - April 2012 Non-RPP Only. 15 16 Sub-Total A - Distribution 65.07 65.19 0.12 0.18% per kWh 17 RTSR - Network RTSR - Line and 0.0046 2114 4 9.73 0.0055 2111 98 11.63 1.91 19 59% \$ \$ 18 per kWh 0.0045 2114.4 9.51 0.0040 2111.981 \$ 8.44 -\$ 1.07 -11.29% Transformation Connection Sub-Total B - Delivery 19 84.31 85.26 0.95 1.13% (including Sub-Total A) Wholesale Market Service 20 per kWh 0.0052 2114.4 10.99 0.0052 2111.98 10.98 0.01 -0.11% Charge (WMSC) Rural and Remote Rate per kWh 0.0013 2114.4 0.0013 2111.981 -0.11% 21 \$ \$ 2.75 \$ 2.75 \$ 0.00 Protection (RRRP) Special Purpose Charge 0.0003725 22 per kWh 2114.4 0.79 2111.981 0.79 100.00% Standard Supply Service Charge 0.2500 0.25 0.2500 0.25 0.00% monthly 23 2114.4 Debt Retirement Charge (DRC) per kWh \$ 14.80 0.0070 2111.981 \$ 14.78 0.02 -0.11% 0.0070 \$ 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) \$ 266.47 266.44 0.03 -0.01% 29 HST 13% 34.64 13% 34.64 0.00 -0.01% Total Bill (including Sub-total 30 \$ 301.11 \$ 301.08 0.03 -0.01%

5.72%

Notes:

31 Loss Factor

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

Note 1

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## Peninsula West - Residential Urban



Consumption

Version: 2.11

REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy -Peninsula West

800 kWh

File Number:

Rate Year: 2011

### Residential

					.!!			_							
				Current I	Board-App	rov	ed			roposed				lmp	
				Rate	Volume	С	harge		Rate	Volume	9	Charge			%
		Charge Unit		(\$)			(\$)	L	(\$)			(\$)	\$ C	hange	Change
1	Monthly Service Charge	monthly	\$	10.0400	1	\$	10.04	Г	\$ 16.0500	1	\$	16.05	\$	6.01	59.86%
2	Smart Meter Rate Adder	monthly	\$	1.0000	1	\$	1.00	1:	\$ 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	1 :	\$ 0.0162	800	\$	12.96	-\$	1.44	-10.00%
6	Low Voltage Rate Adder	per kWh	\$	0.0023	800	\$	1.84	1 :	\$ 0.0005	800	\$	0.40	-\$	1.44	-78.26%
7	Volumetric Rate Adder(s)	per kWh	\$	-	800	\$	-	1 :	\$ -	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	per kWh	-\$	0.0064	800		5.12	1-9	\$ 0.0064	800		5.12	\$	_	0.00%
•	Disposition Rate Rider	po	, T	0.000	000	Ψ	02		0.000.	000	۳	0	*		0.0070
12	Deferrral & Variance Acct (kWh)		\$	_	800	\$	_	1	\$ 0.0001	800	\$	0.08	\$	0.08	1
	May 2011-April 2012		Ψ.		000	Ψ			• 0.000.	000	_	0.00	*	0.00	
13	Global Adjustmenr Rate Rider		\$	0.0007	800	\$	0.56	١,	\$ 0.0007	800	\$	0.56	\$	_	0.00%
	(kWh) May 2010 - April 2012		Ψ .	0.000.	000	Ψ	0.00	1	• 0.000.	000	Ψ.	0.00	*		0.0070
	Non-RPP Only.														
14	Global Adjustmenr Rate Rider		\$	_	800	\$	_	١,	\$ 0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012		Ψ		000	Ψ		Ι.	ψ 0.0010	000	Ψ	1.20	Ψ	1.20	
	Non-RPP Only.														
15	Non-Ki F Offiy.					\$	_				\$	_	\$	_	
16	Sub-Total A - Distribution					\$	22.72	r			\$	27.21	\$	4.49	19.76%
17	RTSR - Network	per kWh	\$	0.0052	848.08	\$	4.41	1	\$ 0.0060	844.7922	\$	5.07	\$	0.66	15.01%
18	RTSR - Line and	per kWh								-			1		
	Transformation Connection	por kvvii	\$	0.0051	848.08	\$	4.33	1	\$ 0.0045	844.7922	\$	3.81	-\$	0.52	-11.93%
19	Sub-Total B - Delivery					\$	31.46	F			\$	36.09	\$	4.64	14.74%
13	(including Sub-Total A)					Ψ	31.40				Ψ	30.03	۳	4.04	14.7476
20	Wholesale Market Service	per kWh	\$	0.0052	848.08	•	4.41	Н	\$ 0.0052	844.7922	\$	4.39	-\$	0.02	-0.39%
20	Charge (WMSC)	per kvvii	Ψ	0.0032	040.00	Ψ	4.41	Ι.	ψ 0.0052	044.7322	Ψ	4.55	-ψ	0.02	-0.5976
21	Rural and Remote Rate	per kWh	\$	0.0013	848.08	Ф	1.10	١,	\$ 0.0013	844.7922	e	1.10	-\$	0.00	-0.39%
21	Protection (RRRP)	perkyvii	Φ	0.0013	040.00	Φ	1.10	Ι,	φ 0.0013	044.7922	Φ	1.10	-φ	0.00	-0.39%
22	Special Purpose Charge	per kWh	• 0	0.0003725	848.08	Ф	0.32	١,	\$ -	844.7922	e		-\$	0.32	-100.00%
23	Standard Supply Service Charge	monthly	\$	0.2500	040.00	\$	0.32		\$ 0.2500	044.7922	\$	0.25	\$	0.32	0.00%
23 24	Debt Retirement Charge (DRC)	per kWh	\$	0.2500	848.08		5.94		\$ 0.2500	844.7922		5.91	-\$	0.02	-0.39%
	• , ,	per kWh	\$	0.0650	848.08		55.13		\$ 0.0650	844.7922	\$	54.91	-\$ -\$	0.02	-0.39%
25	Energy	•	\$	0.0650			2.48		\$ 0.0050	-	\$	2.48	-ъ \$	0.21	0.00%
26	Energy	per kWh	Ф	0.0750	33.07	\$	2.48	Г	\$ 0.0750	33.07		2.48	\$	-	0.00%
27	Tetal Dill (hefere Terre)		-			-	-	H			\$	405.44		-	4.000/
28	Total Bill (before Taxes) HST			13%		<b>\$</b>	<b>101.08</b> 13.14	H	13%		<b>\$</b>	105.14 13.67	<b>\$</b>	<b>4.06</b> 0.53	<b>4.02%</b> 4.02%
29				13%				H	13%		_		_		
30	Total Bill (including Sub-total B)					*	114.22	L			\$	118.81	\$	4.59	4.02%
31	Loss Factor (%)	Note 1		6.01%				Ē	5.60%	1					

Notes:

# Peninsula West - Residential Suburban



## REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

### Residential

							Re	esic	dential						
		Consumption		800	kWh										
				Current I	Board-App	rov	red .	Г	F	roposed				Imp	act
				Rate	Volume		harge		Rate	Volume	C	Charge			%
		Charge Unit		(\$)			(\$)		(\$)			(\$)	\$ C	hange	Change
1	Monthly Service Charge	monthly	\$	10.6500	1	\$	10.65	\$		1	\$	16.05	\$	5.40	50.70%
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	\$	0.0162	800	\$	12.96	\$	2.24	20.90%
6	Low Voltage Rate Adder	per kWh	\$	0.0022	800	\$	1.76	\$	0.0005	800	\$	0.40	-\$	1.36	-77.27%
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	monthly	-\$	0.0064	800	-\$	5.12	-\$	0.0064	800	-\$	5.12	\$	-	0.00%
	Disposition Rate Rider														
12	Deferrral & Variance Acct (kWh)		\$	-	800	\$	-	\$	0.0001	800	\$	0.08	\$	0.08	
	May 2011-April 2012														
13	Global Adjustmenr Rate Rider		\$	0.0007	800	\$	0.56	\$	0.0007	800	\$	0.56	\$	-	0.00%
	(kWh) May 2010 - April 2012														
	Non-RPP Only.														
14	Global Adjustmenr Rate Rider		\$	-	800	\$	-	\$	0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012														
	Non-RPP Only.														
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	19.57				\$	27.21	\$	7.64	39.04%
17	RTSR - Network	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0060	844.7922	\$	5.07	\$	0.66	15.01%
18	RTSR - Line and	per kWh	\$	0.0051	848.08	\$	4.33	s	0.0045	844.7922	\$	3.81	-\$	0.52	-11.93%
	Transformation Connection		Ψ	0.0001	0.0.00	·		Ť	0.00.0	01111022	•		Ľ		
19	Sub-Total B - Delivery					\$	28.31				\$	36.09	\$	7.79	27.51%
	(including Sub-Total A)							╵┕							
20	Wholesale Market Service	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0052	844.7922	\$	4.39	-\$	0.02	-0.39%
	Charge (WMSC)														
21	Rural and Remote Rate	per kWh	\$	0.0013	848.08	\$	1.10	\$	0.0013	844.7922	\$	1.10	-\$	0.00	-0.39%
	Protection (RRRP)					_					_				
22		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			1	\$	0.25	\$	-	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.0070	848.08		5.94	\$		844.7922		5.91	-\$	0.02	-0.39%
25	Energy	per kWh	\$	0.0650	848.08		55.13	\$		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)		_	100/		\$	97.93	╙	100/		\$	105.14	\$	7.21	7.36%
29	HST		_	13%		\$	12.73	. 🗕	13%		\$	13.67	\$	0.94	7.36%
30	Total Bill (including Sub-total		l			\$	110.66				\$	118.81	\$	8.15	7.36%
	В)		Щ					L					Щ		
31	Loss Factor (%)	Note 1		6.01%					5.60%	Ī					
31	2033 i actor (70)	14016 1		0.0176					3.00%	ı					

Notes:

# Peninsula West – GS < 50 kW



## 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	٥	enerar	JE1	VICE < 30 KI	•					
				Current B	oard-Appr	OVE	ed	Г	Pr	oposed				Imp	act
				Rate	Volume		harge	H	Rate	Volume		Charge			%
		Charge Unit		(\$)			(\$)		(\$)			(\$)	\$	Change	Change
1	Monthly Service Charge	monthly	\$	10.3500	1	\$	10.35	\$	37,7900	1	\$	37.79	\$	27.44	265.12%
2	Smart Meter Rate Adder	monthly	\$	1.0000	1	\$	1.00	\$	1.0000	I 1	\$	1.00	\$		0.00%
3	Service Charge Rate Adder(s)	,	Ť		1	\$	-	_		l i	\$	-	\$	_	0.0070
4	Service Charge Rate Rider(s)				1	\$	_			l 1	\$	_	\$	_	
5	Distribution Volumetric Rate	per kWh	\$	0.0176	2000		35.20	\$	0.0138	2000		27.60	-\$	7.60	-21.59%
6	Low Voltage Rate Adder	per kWh	\$	0.0018	2000		3.60	\$	0.0004	2000		0.80	-\$	2.80	-77.78%
7	Volumetric Rate Adder(s)	per kWh	\$	-	2000		- 0.00	\$	-	2000		-	\$		
8	Volumetric Rate Rider(s)	per kvvii	Ψ	_	2000			Ψ		2000		_	\$	_	
9	Smart Meter Disposition Rider				2000		_			2000		_	\$	_	
10	LRAM & SSM Rider				2000		-			2000		-	\$	-	
11	Deferral/Variance Account	per kWh	-\$	0.0065	2000		13.00	-\$	0.0065	2000		13.00	\$	-	0.00%
11	Disposition Rate Rider	perkyvii	-φ	0.0065	2000	-φ	13.00	-Ф	0.0003	2000	-φ	13.00	Φ	-	0.00%
40	Deferral & Variance Acct (kWh)		\$		2000	φ.	_	-\$	0.0012	2000	φ.	2.60	-\$	2.60	
12			Ф	-	2000	Ф	-	-Ф	0.0013	2000	-ф	2.60	p	2.60	
40	May 2011-April 2012			0.0007	0000	_	4 40	_	0.0007		_	4 40			0.000/
13	Global Adjustmenr Rate Rider		\$	0.0007	2000	\$	1.40	\$	0.0007	2000	\$	1.40	\$	-	0.00%
	(kWh) May 2010 - April 2012														
	Non-RPP Only.												Ш.		
14	Global Adjustmenr Rate Rider		\$	-	2000	\$	-	\$	0.0019	2000	\$	3.80	\$	3.80	
	(kWh) May 2011 - April 2012														
	Non-RPP Only.														
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					49	38.55				44	56.79	\$	18.24	47.32%
17	RTSR - Network	per kWh	\$	0.0047	2120.2	\$	9.96	\$	0.0055	2111.981	\$	11.63	\$	1.67	16.73%
18	RTSR - Line and	per kWh	\$	0.0045	2120.2	\$	9.54	\$	0.0040	2111.981	\$	8.44	-\$	1.10	-11.53%
	Transformation Connection														
19	Sub-Total B - Delivery					\$	58.06				\$	76.86	\$	18.81	32.39%
	(including Sub-Total A)												11.		
20	Wholesale Market Service	per kWh	\$	0.0052	2120.2	\$	11.03	\$	0.0052	2111.981	\$	10.98	-\$	0.04	-0.39%
	Charge (WMSC)		Ť			*		_			_		`		0.0070
21	Rural and Remote Rate	per kWh	\$	0.0013	2120.2	\$	2.76	\$	0.0013	2111.981	\$	2.75	-\$	0.01	-0.39%
	Protection (RRRP)	portarin	Ψ.	0.0010	2120.2	Ψ	2.70	Ψ	0.0010	2111.001	Ψ	2.70	I۳	0.01	0.0070
22	Special Purpose Charge	per kWh	\$	0.0003725	2120.2	2	0.79	\$		2111.981	\$	_	-\$	0.79	-100.00%
23	Standard Supply Service Charge	monthly	\$	0.2500	2120.2	\$	0.75	\$	0.2500	2111.501	\$	0.25	\$	0.73	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.2300	2120.2	\$	14.84	\$	0.0070	2111.981	\$	14.78	-\$	0.06	-0.39%
	Energy		\$	0.0650	2120.2			\$	0.0070	2111.981	\$	137.28	-\$ -\$	0.06	-0.39%
25		per kWh					137.81								
26	Energy	per kWh	\$	0.0750	202.8		15.21	\$	0.0750	201.6		15.12	-\$	0.09	-0.59%
27	T ( 15 11 41 6 T					\$	-				\$	-	\$	-	
28	Total Bill (before Taxes)		$\vdash$			\$	240.74	L			\$	258.02	\$	17.28	7.18%
29	HST		Ц	13%		\$	31.30	L	13%		\$	33.54	\$	2.25	7.18%
30	Total Bill (including Sub-total					\$	272.04	1			\$	291.57	\$	19.53	7.18%
	В)		<u> </u>			L		L							
				<u> </u>											
31	Loss Factor	Note 1	Ш	6.01%				L	5.60%	l					

Notes:

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

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Appendix D – Final Revenue Requirement Work Form

Niagara Peninsula Energy Inc. EB-2010-0138 Draft Rate Order Filed: June 1, 2011 Page 153 of 171

(1)



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011 Version: 2.11

## **Table of Content**

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

## 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.

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Version: 2.11



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

EB-2010-0138 File Number:

Rate Year: 2011

				Data Input				١,
	Initial Application		Adjustments	Settlement Agreement	(7)	Adjustments	Per Board Decision	
1 Rate Base								
Gross Fixed Assets (average) Accumulated Depreciation (average)	\$205,000,203 (\$103,031,549)	(5)	(\$528,857) (\$309,731)	\$ 204,471,346 -\$ 103,341,280			\$204,471,346 (\$103,341,280)	
Allowance for Working Capital:	(\$105,051,549)	(3)	(\$309,731)	-φ 103,341,200			(ψ103,341,200)	,
Controllable Expenses	\$14,517,909		(\$441,227)	\$ 14,076,682			\$14,076,682	
Cost of Power	\$99,990,688		\$8,850,119	\$ 108,840,807			\$108,840,807	
Working Capital Rate (%)	15.00%			15.00%			15.00%	,
! <u>Utility Income</u>								
Operating Revenues: Distribution Revenue at Current Rates	\$26,857,308		\$92.314	\$26,949,623		\$0	\$26,949,623	
Distribution Revenue at Proposed Rates	\$30,235,583		(\$416,718)	\$29,818,865		(\$3,829,118)	\$25,989,747	
Other Revenue:	•						•	
Specific Service Charges Late Payment Charges	\$956,878 \$518,557		\$0 \$0	\$956,878 \$518,557		\$0 \$0	\$956,878 \$518,557	
Other Distribution Revenue	\$558,164		\$0 \$0	\$558,164		\$0 \$0	\$558,164	
Other Income and Deductions	\$152,148		(\$224,000)	(\$71,852)		\$0	(\$71,852)	
Operating Expenses:								
OM+A Expenses	\$14,295,435		(\$441,227)	\$ 13,854,208			\$13,854,208	
Depreciation/Amortization	\$7,143,688		\$7,139	\$ 7,150,827			\$7,150,827	
Property taxes Capital taxes	\$222,474 \$0		\$ -	\$ 222,474 \$0			\$222,474 \$0	
Other expenses	ΦU			Φ0			20	
Taxes/PILs								
Taxes/FILS Taxable Income:								
Adjustments required to arrive at taxable	(\$131,884)	(3)		(\$216,708)			(\$216,708)	)
income								
Utility Income Taxes and Rates: Income taxes (not grossed up)	\$1,237,886			\$1,145,898			\$1,145,898	
Income taxes (not grossed up)	\$1,705,990			\$1,565,148			\$1,565,148	
Capital Taxes	\$ -	(6)		\$ -	(6)		\$ -	
Federal tax (%)	16.50%	, ,		16.50%			16.50%	
Provincial tax (%)	10.94%			10.29%			10.29%	
Income Tax Credits	\$ -			\$ -			\$ -	
Capitalization/Cost of Capital								
Capital Structure: Long-term debt Capitalization Ratio (%)	56.0%			56.0%			56.0%	
Short-term debt Capitalization Ratio (%)	4.0%	(2)		4.0%			4.0%	
Common Equity Capitalization Ratio (%)	40.0%	(_,		40.0%			40.0%	
Prefered Shares Capitalization Ratio (%)	100.004			400.004			400.004	
	100.0%			100.0%			100.0%	,
Control Control								
Cost of Capital Long-term debt Cost Rate (%)	6.36%			6.36%			5.16%	,
Short-term debt Cost Rate (%)	2.07%			2.46%			2.46%	
Common Equity Cost Rate (%)	9.85%			9.58%			9.58%	
Prefered 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

- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) (1)
- 4.0% unless an Applicant has proposed or been approved for another amount.
- Net of addbacks and deductions to arrive at taxable income.
- Average of Gross Fixed Assets at beginning and end of the Test Year
- (2) (3) (4) (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- Not applicable as of July 1, 2010
- Select option from drop-down list by clicking on cell M10. This columnallows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outsome of any Settlement Process can be reflected.

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Version: 2.11



REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year:

					Rate Base		
Line No.	Particulars	_	Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1 2 3	Gross Fixed Assets (average) Accumulated Depreciation (average) Net Fixed Assets (average) Allowance for Working Capital	(3) (3) (3) (1)	\$205,000,203 (\$103,031,549) \$101,968,654 \$17,176,290	(\$528,857) (\$309,731) (\$838,588) \$1,261,334	\$204,471,346 (\$103,341,280) \$101,130,066 \$18,437,623	\$ - \$ - \$ - \$ -	\$204,471,346 (\$103,341,280) \$101,130,066 \$18,437,623
5	Total Rate Base	=	\$119,144,943	\$422,746	\$119,567,689	<u> </u>	\$119,567,689
	(1)		Allowance for	Working Capital - Deriva	tion		
6 7 8	Controllable Expenses Cost of Power Working Capital Base		\$14,517,909 \$99,990,688 \$114,508,597	(\$441,227) \$8,850,119 \$8,408,892	\$14,076,682 \$108,840,807 \$122,917,489	\$ - \$ - \$ -	\$14,076,682 \$108,840,807 \$122,917,489
9	Working Capital Rate %	(2)	15.00%	0.00%	15.00%	0.00%	15.00%
10	Working Capital Allowance		\$17,176,290	\$1,261,334	\$18,437,623	\$ -	\$18,437,623

## 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.

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Version: 2.11



REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

					Utility income		
Line No.	Particulars		Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)		\$30,235,583	(\$416,718)	\$29,818,865	(\$3,829,118)	\$25,989,747
2	. ,	(1)	\$2,185,747	(\$4,147,493)	\$1,961,747	\$ -	\$1,961,747
3	Total Operating Revenues		\$32,421,330	(\$4,564,212)	\$31,780,611	(\$3,829,118)	\$27,951,494
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	_	\$14,295,435 \$7,143,688 \$222,474 \$ - \$ -	(\$441,227) \$7,139 \$ - \$ -	\$13,854,208 \$7,150,827 \$222,474 \$-	\$ - \$ - \$ - \$ - \$ -	\$13,854,208 \$7,150,827 \$222,474 \$-
9	Subtotal (lines 4 to 8)		\$21,661,597	(\$434,088)	\$21,227,509	\$ -	\$21,227,509
10	Deemed Interest Expense		\$4,340,146	\$34,052	\$4,374,198	(\$804,844)	\$3,569,353
11	Total Expenses (lines 9 to 10)		\$26,001,743	(\$400,036)	\$25,601,707	(\$804,844)	\$24,796,863
12	Utility income before income taxes		\$6,419,587	(\$4,164,176)	\$6,178,904	(\$3,024,274)	\$3,154,631
13	Income taxes (grossed-up)		\$1,705,990	(\$140,842)	\$1,565,148	\$ -	\$1,565,148
14	Utility net income	-	\$4,713,596	(\$4,023,334)	\$4,613,756	(\$3,024,274)	\$1,589,483
Notes							
(1)	Other Revenues / Revenue Of	fset	<b>3</b>				
	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions		\$956,878 \$518,557 \$558,164 \$152,148	\$ - \$ - \$ - (\$224,000)	\$956,878 \$518,557 \$558,164 (\$71,852)	\$ - \$ - \$ - \$ -	\$956,878 \$518,557 \$558,164 (\$71,852)
	Total Revenue Offsets	=	\$2,185,747	(\$224,000)	\$1,961,747	\$ -	\$1,961,747

Niagara Peninsula Energy EB-2010-0138 **Draft Rate Order** Filed: June 1, 2011 Page 157 of 171

Version: 2.11



# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

		Taxes/PILs				
ine No.	Particulars	Application		Settlement Agreement		Per Board Decision
	Determination of Taxable Income					
1	Utility net income before taxes	\$4,694,311		\$4,581,834		\$4,581,834
2	Adjustments required to arrive at taxable utility income	(\$131,884)		(\$216,708)		(\$216,708)
3	Taxable income	\$4,562,427		\$4,365,126		\$4,365,126
	Calculation of Utility income Taxes					
4	Income taxes	\$1,237,886		\$1,145,898		\$1,145,898
5	Capital taxes	\$ -	(1)	\$ -	(1)	\$ -
6	Total taxes	\$1,237,886		\$1,145,898		\$1,145,898
7	Gross-up of Income Taxes	\$468,105		\$419,250		\$419,250
8	Grossed-up Income Taxes	\$1,705,990		\$1,565,148		\$1,565,148
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$1,705,990		\$1,565,148		\$1,565,148
10	Other tax Credits	\$ -		\$ -		\$ -
	<u>Tax Rates</u>					
11	Federal tax (%)	16.50%		16.50%		16.50%
12 13	Provincial tax (%) Total tax rate (%)	10.94% 27.44%		10.29% 26.79%		10.29% 26.79%

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

Niagara Peninsula Energy EB-2010-0138 **Draft Rate Order** Filed: June 1, 2011 Page 158 of 171

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# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

File Number: EB-2010-0138

Rate Year: 2011

		Capitaliz	zation/Cost of Cap	oital	
Line No.	Particulars	Capitaliza	tion Ratio	Cost Rate	Return
		lr	nitial Application		
		(%)	(\$)	(%)	(\$)
	Debt	, ,	, ,	, ,	, ,
1	Long-term Debt	56.00%	\$66,721,168	6.36%	\$4,241,494
2	Short-term Debt	4.00%	\$4,765,798	2.07%	\$98,652
3	Total Debt	60.00%	\$71,486,966	6.07%	\$4,340,146
	Equity				
4	Common Equity	40.00%	\$47,657,977	9.85%	\$4,694,311
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$47,657,977	9.85%	\$4,694,311
7	Total	100.00%	\$119,144,943	7.58%	\$9,034,456

		Se	ettlement Agreement		
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$66,957,906	6.36%	\$4,256,543
2	Short-term Debt	4.00%	\$4,782,708	2.46%	\$117,655
3	Total Debt	60.00%	\$71,740,613	6.10%	\$4,374,198
4 5	Common Equity Preferred Shares	40.00% 0.00%	\$47,827,076 \$ -	9.58% 0.00%	\$4,581,83 <sub>4</sub>
6	Total Equity	40.00%	\$47,827,076	9.58%	\$4,581,834
7	Total	100.00%	\$119,567,689	7.49%	\$8,956,03°

		F	Per Board Decision		
	·	(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$66,957,906	5.16%	\$3,451,699
9	Short-term Debt	4.00%	\$4,782,708	2.46%	\$117,655
10	Total Debt	60.00%	\$71,740,613	4.98%	\$3,569,353
	Foods				
	Equity	40.000/	<b>47.007.070</b>	0.500/	<b>#</b> 4.504.004
11	Common Equity	40.00%	\$47,827,076	9.58%	\$4,581,834
12	Preferred Shares	0.00%	<u> </u>	0.00%	\$
13	Total Equity	40.00%	\$47,827,076	9.58%	\$4,581,834
14	Total	100.00%	\$119,567,689	6.82%	\$8,151,187

<u>Notes</u> (1) 4.0% unless an Applicant has proposed or been approved for another amount.

Niagara Peninsula Energy EB-2010-0138 Draft Rate Order Filed: June 1, 2011 Page 159 of 171

REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

Version: 2.11

### Revenue Sufficiency/Deficiency **Initial Application Settlement Agreement** Per Board Decision At Current At Proposed At Current At Proposed At Current At Proposed Line **Particulars Approved Rates** Rates Approved Rates Rates **Approved Rates** Rates No. \$2.064.398 Revenue Deficiency from Below 1 \$3.378.275 \$2.869.242 \$26,857,308 Distribution Revenue \$26,857,308 \$26,949,623 \$26,949,623 \$26,949,623 \$23,925,349 2 3 Other Operating Revenue \$2,185,747 \$2,185,747 \$1,961,747 \$1,961,747 \$1,961,747 \$1,961,747 Offsets - net **Total Revenue** \$29,043,055 \$32,421,330 \$28,911,370 \$31,780,611 \$28,911,370 \$27,951,494 Operating Expenses \$21,661,597 \$21,661,597 \$21,227,509 \$21,227,509 \$21,227,509 \$21,227,509 5 Deemed Interest Expense \$4,340,146 \$3,569,353 \$24,796,863 \$4,374,198 \$25,601,707 \$3,569,353 \$24,796,863 \$4,340,146 \$4,374,198 \$26,001,743 \$26,001,743 **Total Cost and Expenses** \$25,601,707 **Utility Income Before Income** \$3,041,312 \$6,419,587 \$3,309,663 \$6,178,904 \$4,114,507 \$3,154,631 **Taxes** (\$131,884) (\$131,884) (\$216,708) (\$216,708) (\$216,708) (\$216,708) Tax Adjustments to Accounting Income per 2009 PILs **Taxable Income** \$2,909,428 \$6,287,703 \$3,092,955 \$5,962,196 \$3,897,799 \$2,937,923 Income Tax Rate 27.44% 27.44% 26.79% 26.79% 26.79% 26.79% 10 \$798,315 \$1,725,276 \$828,498 \$1,597,070 \$1,044,088 \$786,970 11 Income Tax on Taxable Income **Income Tax Credits** 12 \$2,242,997 \$4,613,756 \$1,589,483 **Utility Net Income** \$4,713,596 \$2,481,165 \$3,070,418 13 **Utility Rate Base** \$119,144,943 \$119,144,943 \$119,567,689 \$119,567,689 \$119,567,689 \$119,567,689 Deemed Equity Portion of Rate \$47,657,977 \$47,657,977 \$47,827,076 \$47,827,076 \$47,827,076 \$47,827,076 Income/Equity Rate Base (%) 4.71% 5.19% 6.42% 3.32% 9.89% 9.65% 15 Target Return - Equity on Rate 9.85% 9.85% 9.58% 9.58% 9.58% 9.58% 16 17 Sufficiency/Deficiency in Return -5.14% 0.04% -4.39% 0.07% -3.16% -6.26% on Equity Indicated Rate of Return 5.53% 7.60% 5.73% 7.52% 5.55% 4.31% 18 Requested Rate of Return on 19 7.58% 7.58% 7.49% 7.49% 6.82% 6.82% Rate Base Sufficiency/Deficiency in Rate of -2.06% 0.02% -1.76% 0.03% -1.26% -2.50% 20 Return 21 Target Return on Equity \$4,694,311 \$4,694,311 \$4.581.834 \$4,581,834 \$4,581,834 \$4,581,834 22 Revenue Deficiency/(Sufficiency) \$2,451,313 \$19,286 \$2,100,669 \$31,922 \$1,511,415 (\$2,992,351) **Gross Revenue** \$3,378,275 (1) \$2,869,242 (1) \$2,064,398 (1) Deficiency/(Sufficiency)

## Notes:

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

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# REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy Inc.

EB-2010-0138 File Number:

Rate Year: 2011

		Revenue Requirement							
Line No.	Particulars	Application		Settlement Agreement		Per Board Decision			
1 2 3 4 5 6 7	OM&A Expenses Amortization/Depreciation Property Taxes Capital Taxes Income Taxes (Grossed up) Other Expenses Return Deemed Interest Expense	\$14,295,435 \$7,143,688 \$222,474 \$- \$1,705,990 \$-		\$13,854,208 \$7,150,827 \$222,474 \$- \$1,565,148		\$13,854,208 \$7,150,827 \$222,474 \$- \$1,565,148			
8 9 10	Return on Deemed Equity  Distribution Revenue Requirement before Revenues  Distribution revenue Other revenue	\$4,694,311 \$32,402,044 \$30,235,583 \$2,185,747		\$4,581,834 \$31,748,689 \$29,818,865 \$1,961,747		\$4,581,834 \$30,943,845 \$25,989,747 \$1,961,747			
10 11 12	Total revenue  Difference (Total Revenue Less Distribution Revenue Requirement	\$32,421,330		\$31,780,611		\$27,951,494			
	before Revenues)	\$19,286	(1)	\$31,922	(1)	(\$2,992,351)	(1		

Notes (1) Line 11 - Line 8

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REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

## Residential

							R	esi	de	ntial						
		Consumption		800	kWh											
				Current I	Board-App	rov	/ed	ĪГ		Р	roposed				Imp	act
				Rate	Volume		Charge	t I		Rate	Volume		Charge			%
		Charge Unit		(\$)			(\$)	Ш		(\$)			(\$)	\$ C	hange	Change
1	Monthly Service Charge	monthly	\$	15.9600	1	\$	15.96	1 5	\$	15.6200	1	\$	15.62	-\$	0.34	-2.13%
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	\$	-	Ш			1	\$	-	\$	-	
5	Distribution Volumetric Rate	per kWh	\$	0.0136	800	\$	10.88		\$	0.0157	800	\$	12.56	\$	1.68	15.44%
6	Low Voltage Rate Adder	per kWh			800	\$	-		\$	0.0005	800	\$	0.40	\$	0.40	
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	per kWh	-\$	0.0028	800	-\$	2.24	-9	\$	0.0028	800	-\$	2.24	\$	-	0.00%
	Disposition Rate Rider							Ш								
12	Deferrral & Variance Acct (kWh)	per kWh	\$	-	800	\$	-	9	\$	0.0001	800	\$	0.08	\$	0.08	
	May 2011-April 2012															
13	Global Adjustmenr Rate Rider	per kWh	\$	0.0011	800	\$	0.88		\$	0.0011	800	\$	0.88	\$	-	0.00%
	(kWh) May 2010 - April 2012															
	Non-RPP Only.							Ш								
14	Global Adjustmenr Rate Rider	per kWh	\$	-	800	\$	-		\$	0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012							Ш								
	Non-RPP Only.															
15						\$	-	ļĻ				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	26.48	I L				\$	29.58	\$	3.10	11.71%
17	RTSR - Network	per kWh	\$	0.0053	845.76	\$	4.48		\$	0.0060	844.7922	\$	5.07	\$	0.59	13.15%
18	RTSR - Line and	per kWh	\$	0.0046	845.76	\$	3.89		\$	0.0045	844.7922	\$	3.81	-\$	0.08	-2.09%
	Transformation Connection		Ť					Įμ	•			·		Ŀ		
19	Sub-Total B - Delivery					\$	34.85					\$	38.46	\$	3.61	10.35%
	(including Sub-Total A)					_		Į Ļ	_					Ļ		
20	Wholesale Market Service	per kWh	\$	0.0052	845.76	\$	4.40		\$	0.0052	844.7922	\$	4.39	-\$	0.01	-0.11%
	Charge (WMSC)		٦			_		Ш.	_			_				
21	Rural and Remote Rate	per kWh	\$	0.0013	845.76	\$	1.10	113	\$	0.0013	844.7922	\$	1.10	-\$	0.00	-0.11%
	Protection (RRRP)	LAA/I-	٠,	0000705	0.45.70	φ.	0.00	П,	Φ.		044 7000	•		1	0.00	400.000/
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	045.70	\$	0.25 5.92		\$ \$	0.2500	0447000	\$	0.25	\$ -\$		0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.0070 0.0650	845.76 845.76		5.92 54.97		ֆ \$	0.0070 0.0650	844.7922 844.7922	\$	5.91 54.91	-\$ -\$	0.01 0.06	-0.11% -0.11%
25 26	Energy	per kWh	\$	0.0650					Ф \$	0.0650		\$		\$	- 0.06	
26 27	Energy		Ф	0.0750	32.8	\$	2.46	Ш	Ф	0.0750	32.8	\$	2.46	\$	- 1	0.00%
	Total Dill (hafara Tayaa)					į	404.07	╁┝				·	407.40	\$		2.000/
28 29	Total Bill (before Taxes) HST			13%		<b>\$</b>	<b>104.27</b> 13.56	╢		13%		<b>\$</b>	<b>107.49</b> 13.97	\$	<b>3.22</b> 0.42	<b>3.09%</b> 3.09%
30				13%		į	117.83	ł		13%		\$	13.97 121.46	\$	3.63	3.09%
30	Total Bill (including Sub-total B)					Þ	117.83					Ф	121.40	P	3.03	3.08%
	,							_							'	
31	Loss Factor (%)	Note 1		5.72%				L		5.60%						

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REVENUE REQUIREMENT WORK FORM
Name of LDC: Niagara Peninsula Energy Inc.
File Number: EB-2010-0138

Rate Year: 2011

## General Service < 50 kW

General Service < 50 kW															
		Consumption		2000	kWh										
				Current B	oard-Appr	rove	d	Г	P	roposed				Imp	act
				Rate	Volume		harge	H	Rate	Volume		Charge			%
		Charge Unit		(\$)		-	(\$)	П	(\$)			(\$)	\$ C	hange	Change
1	Monthly Service Charge	monthly	\$	47.2700	1	\$	47.27	1	\$ 36.7700	1	\$	36.77	-\$	10.50	-22.21%
2	Smart Meter Rate Adder	monthly	\$	1.0000	1	\$	1.00		\$ 1.0000	1	\$	1.00	\$	-	0.00%
3	Service Charge Rate Adder(s)		Ť		1	\$	-		,	1	\$	-	\$	-	
4	Service Charge Rate Rider(s)				1	\$	-			1	\$	-	\$	-	
5	Distribution Volumetric Rate	per kWh	\$	0.0100	2000		20.00	1	\$ 0.0134	2000		26.80	\$	6.80	34.00%
6	Low Voltage Rate Adder	per kWh	\$	-	2000				\$ 0.0004	2000		0.80	\$	0.80	- 1100,0
7	Volumetric Rate Adder(s)	per kWh	\$	_	2000		-		\$ -	2000		-	\$	-	
8	Volumetric Rate Rider(s)	<b>P</b> • · · · · · · · · · · · · · · · · · ·	_		2000		-		•	2000		-	\$	-	
9	Smart Meter Disposition Rider				2000		-			2000		-	\$	-	
10	LRAM & SSM Rider				2000		-			2000		-	\$	-	
11	Deferral/Variance Account	monthly	-\$	0.0027	2000		5.40	-:	\$ 0.0027	2000		5.40	\$	-	0.00%
	Disposition Rate Rider					ľ					ľ		1		
12	Deferrral & Variance Acct (kWh)	per kWh	\$	-	2000	\$	-	-	\$ 0.0013	2000	-\$	2.60	-\$	2.60	
	May 2011-April 2012	•	Ť			ľ			,		ľ				
13	Global Adjustmenr Rate Rider	per kWh	\$	0.0011	2000	\$	2.20	1	\$ 0.0011	2000	\$	2.20	\$	-	0.00%
	(kWh) May 2010 - April 2012	<b>P</b> • · · · · · · · · · · · · · · · · · ·	_			Ť					,		1		
	Non-RPP Only.														
14	Global Adjustmenr Rate Rider	per kWh	\$	_	2000	\$	-	1	\$ 0.0019	2000	\$	3.80	\$	3.80	
	(kWh) May 2011 - April 2012	<b>P</b> • · · · · · · · · · · · · · · · · · ·	_			*					_		1		
	Non-RPP Only.														
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	65.07	r			\$	63.37	-\$	1.70	-2.61%
17	RTSR - Network	per kWh	\$	0.0046	2114.4	\$	9.73	1	\$ 0.0055	2111.981	\$	11.63	\$	1.91	19.59%
18	RTSR - Line and	per kWh	\$	0.0045	2114.4		9.51		\$ 0.0040	2111.981		8.44	-\$	1.07	-11.29%
	Transformation Connection	po	*	0.00.10		*	0.0 .	П	0.00.0	2	۳	0	l Ť		11.2070
19	Sub-Total B - Delivery					\$	84.31	H			\$	83.44	-\$	0.87	-1.03%
13	(including Sub-Total A)					١٣	04.51				۳	05.44	"	0.07	1.0370
20	Wholesale Market Service	per kWh	\$	0.0052	2114.4	\$	10.99	Н	\$ 0.0052	2111.981	\$	10.98	-\$	0.01	-0.11%
20	Charge (WMSC)	per kvvii	Ψ	0.0032	2114.4	۳	10.33	Т	0.0032	2111.301	Ψ	10.30	-Ψ	0.01	-0.1176
21	<b>0</b> ( )	per kWh	\$	0.0013	2114.4	\$	2.75	١,	\$ 0.0013	2111.981	¢	2.75	-\$	0.00	-0.11%
21	Protection (RRRP)	porkvvii	Ψ	0.0010	2117.7	١Ψ	2.75	П	ψ 0.0013	2111.501	Ψ	2.75	lΨ	0.00	0.1170
22	Special Purpose Charge	per kWh	\$	0.0003725	2114.4	\$	0.79	١,	\$ -	2111.981	\$	_	-\$	0.79	-100.00%
23	Standard Supply Service Charge	monthly	\$	0.2500	1	s s	0.25		\$ 0.2500	1	\$	0.25	\$	-	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.0070	2114.4	T .	14.80		\$ 0.0070	2111.981	-	14.78	-\$	0.02	-0.11%
25	Energy	per kWh	\$	0.0650	2114.4		137.44		\$ 0.0650			137.28	-\$	0.16	-0.11%
26	Energy	portarin	\$	0.0750	201.87	\$	15.14		\$ 0.0750	201.87		15.14	\$	-	0.00%
27	Energy		lΨ	0.0700	201.01	S S	-	П	0.0700	201.07	\$	-	\$	_	0.0070
28	Total Bill (before Taxes)						266.47	۲			\$	264.62	-\$	1.85	-0.69%
29	HST		$\vdash$	13%		\$	34.64	H	13%		\$	34.40	-\$	0.24	-0.69%
30	Total Bill (including Sub-total		$\vdash$	13%		_	301.11	H	1370	,	•	299.02	-\$	2.09	-0.69% - <b>0.69</b> %
30	B)					•	301.11	ı			Δ	299.02	-Φ	2.09	-0.09%
	-,		<u> </u>			L		L			_		L		
31	Loss Factor	Note 1	_	5.72%	ì			г	5.60%	1					
31	LUSS I ACIUI	HOLE I	Ь	5.12%	l			L	5.60%	2					

Notes:

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

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## Peninsula West Residential Urban



REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

Residential

		Consumption		800	kWh										
			Г	Current I	Board-App	rov	ed	Г	F	roposed				Imp	act
				Rate	Volume	С	harge	Г	Rate	Volume	(	Charge			%
		Charge Unit		(\$)			(\$)	L	(\$)			(\$)	_	hange	Change
1	Monthly Service Charge	monthly	\$	10.0400	1	\$	10.04	\$		1	\$	15.62	\$	5.58	55.58%
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	\$		800		12.56	-\$	1.84	-12.78%
6	Low Voltage Rate Adder	per kWh	\$	0.0023	800		1.84	\$		800		0.40	-\$	1.44	-78.26%
7	Volumetric Rate Adder(s)	per kWh	\$	-	800		-	\$	-	800		-	\$	-	
8	Volumetric Rate Rider(s)				800		-			800	٠.	-	\$	-	
9	Smart Meter Disposition Rider				800		-			800		-	\$	-	
10	LRAM & SSM Rate Rider				800					800			\$	-	
11	Deferral/Variance Account	per kWh	-\$	0.0064	800	-\$	5.12	-\$	0.0064	800	-\$	5.12	\$	-	0.00%
	Disposition Rate Rider										١.				
12	Deferrral & Variance Acct (kWh)		\$	-	800	\$	-	\$	0.0001	800	\$	0.08	\$	0.08	
	May 2011-April 2012										١.		١.		
13	Global Adjustmenr Rate Rider		\$	0.0007	800	\$	0.56	\$	0.0007	800	\$	0.56	\$	-	0.00%
	(kWh) May 2010 - April 2012														
	Non-RPP Only.					•					٦				
14	Global Adjustmenr Rate Rider		\$	-	800	\$	-	\$	0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012														
	Non-RPP Only.										١.				
15						\$	-	H			\$	-	\$	-	40 440/
16	Sub-Total A - Distribution					\$	22.72	Ļ			\$	26.38	\$	3.66	16.11%
17	RTSR - Network	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0060	844.7922	\$	5.07	\$	0.66	15.01%
18	RTSR - Line and	per kWh	\$	0.0051	848.08	\$	4.33	\$	0.0045	844.7922	\$	3.81	-\$	0.52	-11.93%
	Transformation Connection		*			_		Ľ		•	Ľ		Ľ		
19	Sub-Total B - Delivery					\$	31.46				\$	35.26	\$	3.81	12.10%
	(including Sub-Total A)							L			Ļ		_		
20	Wholesale Market Service	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0052	844.7922	\$	4.39	-\$	0.02	-0.39%
	Charge (WMSC)										١.				
21	Rural and Remote Rate	per kWh	\$	0.0013	848.08	\$	1.10	\$	0.0013	844.7922	\$	1.10	-\$	0.00	-0.39%
	Protection (RRRP)										١.				
22	Special Purpose Charge	per kWh		.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	\$		844.7922	٠.	5.91	-\$	0.02	-0.39%
25	Energy	per kWh	\$	0.0650	848.08		55.13	\$		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	L			÷	104.31	\$	3.23	3.20%
29	HST			13%		\$	13.14		13%		\$	13.56	\$	0.42	3.20%
30	Total Bill (including Sub-total B)					\$	114.22				\$	117.87	\$	3.65	3.20%
31	Loss Factor (%)	Note 1		6.01%				_	5.60%	]				•	

## Notes:

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# Peninsula West Residential Suburban

TO PERSONAL TRANSPORT

## REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

### Residential

							Re	esic	dential						
		Consumption		800	kWh										
			_	Current I	Board-App	rov	'0d			Proposed			_	lmr	act
			-	Rate	Volume	_	harge	$\vdash$	Rate	Volume	_	Charge	-	шц	%
		Charge Unit		(\$)	Volume	-	(\$)		(\$)	Volume	١,	(\$)	6 0	hange	
1	Monthly Service Charge	monthly	\$	10.6500	1	\$	10.65	\$		1	\$	15.62	\$	4.97	46.67%
2	Smart Meter Rate Adder	•	\$	1.0000		\$	1.00	\$			\$	1.00	\$	4.91	0.00%
		monthly	Ф	1.0000	1	\$	1.00	Ф	1.0000	1	\$	1.00	\$		0.00%
3	Service Charge Rate Adder(s)				1		-			] ]		-		-	
4	Service Charge Rate Rider(s)			0.0404		\$	-		0.0457	1	\$	40.50	\$	-	47.400/
5	Distribution Volumetric Rate	per kWh	\$	0.0134	800	\$	10.72	\$		800	\$	12.56	\$	1.84	17.16%
6	Low Voltage Rate Adder	per kWh	\$	0.0022	800	\$	1.76	\$		800	\$	0.40	-\$	1.36	-77.27%
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	monthly	-\$	0.0064	800	-\$	5.12	-\$	0.0064	800	-\$	5.12	\$	-	0.00%
	Disposition Rate Rider												1.		
12	Deferrral & Variance Acct (kWh)		\$	-	800	\$	-	\$	0.0001	800	\$	0.08	\$	0.08	1
	May 2011-April 2012														
13	Global Adjustmenr Rate Rider		\$	0.0007	800	\$	0.56	\$	0.0007	800	\$	0.56	\$	-	0.00%
	(kWh) May 2010 - April 2012														
	Non-RPP Only.														
14	Global Adjustmenr Rate Rider		\$	-	800	\$	-	\$	0.0016	800	\$	1.28	\$	1.28	
	(kWh) May 2011 - April 2012														
	Non-RPP Only.														
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	19.57				\$	26.38	\$	6.81	34.80%
17	RTSR - Network	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0060	844.7922	\$	5.07	\$	0.66	15.01%
18	RTSR - Line and	per kWh	\$	0.0051	848.08	•	4.33	\$	0.0045	844.7922	\$	3.81	-\$	0.52	-11.93%
	Transformation Connection		Э	0.0051	848.08	Ф	4.33	Ф	0.0045	844.7922	Ф	3.81	-2	0.52	-11.93%
19	Sub-Total B - Delivery					\$	28.31				\$	35.26	\$	6.96	24.57%
	(including Sub-Total A)														
20	Wholesale Market Service	per kWh	\$	0.0052	848.08	\$	4.41	\$	0.0052	844.7922	\$	4.39	-\$	0.02	-0.39%
	Charge (WMSC)	•											'		
21	Rural and Remote Rate	per kWh	\$	0.0013	848.08	\$	1.10	\$	0.0013	844.7922	\$	1.10	-\$	0.00	-0.39%
	Protection (RRRP)	•	,				-						1		
22	Special Purpose Charge	per kWh	\$ 0	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		\$	55.13	\$		844.7922	\$	54.91	-\$	0.21	-0.39%
26	Energy	per kWh	\$	0.0750	33.07	\$	2.48	\$		33.07	\$	2.48	\$	-	0.00%
27		POLICIA	*	0.07.00	00.07	\$		"	0.07.00	55.07	\$		\$	-	0.0070
28	Total Bill (before Taxes)					\$	97.93	Г			\$	104.31	\$	6.38	6.52%
29	HST			13%		\$	12.73	H	13%		\$	13.56	\$	0.83	6.52%
30	Total Bill (including Sub-total			13 /0			110.66	H	1370		•	117.87	\$	7.21	6.52%
30	B)		I			Ψ	110.00				Ψ	117.07	l <sup>a</sup>	1.21	0.52%
	D)		Щ					ᆫ		ı			<u> </u>		
31	Loss Factor (%)	Note 1		6.01%	l				5.60%	1					
٥.				0.0170	1				0.0070	1					

### Notes:

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## REVENUE REQUIREMENT WORK FORM

Name of LDC: Niagara Peninsula Energy -Peninsula West

File Number:

Rate Year: 2011

### General Service < 50 kW

5.60%

2000 kWh Consumption [ **Current Board-Approved** Proposed Impact Rate Volume Charge Rate Volume Charge **Charge Unit** \$ Change Change (\$) (\$) (\$) (\$) Monthly Service Charge 10.3500 36.7700 monthly 10.35 36.77 26.42 255.27% Smart Meter Rate Adder monthly \$ 1.0000 \$ 1.0000 0.00% 1.00 1.00 Service Charge Rate Adder(s) \$ \$ Service Charge Rate Rider(s) \$ 2000 \$ Distribution Volumetric Rate per kWh 0.0134 2000 5 \$ 0.0176 35.20 \$ 26.80 -\$ 8 40 -23 86% Low Voltage Rate Adder per kWh \$ 0.0018 2000 \$ 3.60 0.0004 2000 \$ 0.80 2.80 -77.78% Volumetric Rate Adder(s) per kWh \$ 2000 \$ 2000 \$ Volumetric Rate Rider(s) 2000 2000 Smart Meter Disposition Rider 2000 2000 \$ LRAM & SSM Rider 2000 2000 -10 Deferral/Variance Account 0.0065 13.00 0.0065 13.00 0.00% per kWh -\$ 2000 -\$ 2000 -\$ \$ 11 Disposition Rate Rider 12 Deferrral & Variance Acct (kWh) \$ 2000 \$ 0.0013 2000 -\$ 2.60 -\$ 2.60 May 2011-April 2012 Global Adjustmenr Rate Rider \$ 0.0007 2000 \$ 1.40 0.0007 2000 1.40 0.00% \$ (kWh) May 2010 - April 2012 Non-RPP Only. Global Adjustmenr Rate Rider 2000 \$ 0.0019 2000 \$ \$ 3.80 \$ 3.80 14 (kWh) May 2011 - April 2012 Non-RPP Only. Sub-Total A - Distribution 16 38.55 54.97 \$ 16.42 42.59% \$ \$ per kWh RTSR - Network RTSR - Line and 17 0.0047 2120.2 9 96 0.0055 2111.981 11.63 1.67 16.73% \$ per kWh 0.0045 2120.2 \$ 9.54 0.0040 2111.981 \$ 8.44 -\$ 1.10 -11.53% Transformation Connection Sub-Total B - Delivery 58.06 75.04 \$ 16.99 29.26% (including Sub-Total A) Wholesale Market Service 0.0052 0.0052 2111.981 \$ per kWh 2120.2 \$ 11.03 0.04 -0.39% 20 \$ 10.98 -\$ Charge (WMSC) Rural and Remote Rate per kWh \$ 0.0013 2120.2 \$ 2.76 0.0013 2111.981 \$ 2.75 -\$ 0.01 -0.39% Protection (RRRP) Special Purpose Charge \$ 0.0003725 22 per kWh 2120.2 0.79 2111.981 0.79 Standard Supply Service Charge 0.2500 0.25 0.2500 0.25 0.00% 23 monthly Debt Retirement Charge (DRC) per kWh 2120.2 0.0070 2111.981 0.06 -0.39% \$ 0.0070 \$ 14.84 14.78 24 \$ -\$ 25 Energy 2111.981 -0.39% per kWh \$ 0.0650 2120.2 \$ 137.81 0.0650 \$ 137.28 -\$ 0.53 26 Energy per kWh \$ 0.0750 202.8 \$ 15.21 0.0750 201.6 \$ 15.12 -\$ 0.09 -0.59% 27 Total Bill (before Taxes) 28 \$ 240.74 \$ 256.20 \$ 15.46 6.42% 13% 13% 29 HST 31.30 6.42% 33.31 2.01 **Total Bill (including Sub-total** 30 \$ 272.04 \$ 289.51 17.47 6.42% B)

6.01%

Notes:

31 Loss Factor

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

Note 1

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Appendix E – Final Cost of Capital, Revenue Deficiency, Revenue to Cost Ratios, Fixed Charge Analysis and Three year summary of Revenue to Cost Ratios

# **Cost of Capital per Settlement Agreement**

# ORIGINAL APPLICATION

Ι	Deemed Capi	ital Structure fo	or 2011	
Description	% of Rate Base	\$	Cost Rate	Return
Long Term Debt	56%	66,721,168	6.36%	4,241,494
Unfunded Short Term Debt	4%	4,765,798	2.07%	98,652
Total Debt	60%	71,486,966		4,340,146
Common Share Equity	40%	47,657,977	9.85%	4,694,311
Total equity	40%	47,657,977		4,694,311
Total Rate Base	100%	119,144,943	7.58%	9,034,456

Updated for Cost of Capital												
I	Deemed Capi	ital Structure f	or 2011									
	% of Rate											
Description	Base	\$	Cost Rate	Return								
Long Term Debt	56%	66,957,906	6.36%	4,256,543								
Unfunded Short Term Debt	4%	4,782,708	2.46%	117,655								
Total Debt	60%	71,740,614		4,374,198								
Common Share Equity	40%	47,827,076	9.58%	4,581,834								
Total equity	40%	47,827,076		4,581,834								
Total Rate Base	100%	119,567,690	7.49%	8,956,032								

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# **Final Deemed Capital Structure for 2011**

De	emed Capital	Structure for	r 2011	
Description	% of Rate Base	\$	Cost Rate	Return
Long Term Debt	56%	66,957,906	5.16%	3,451,699
Unfunded Short Term Debt	4%	4,782,708	2.46%	117,655
Total Debt	60%	71,740,614		3,569,353
Common Share Equity	40%	47,827,076	9.58%	4,581,834
Total equity	40%	47,827,076		4,581,834
Total Rate Base	100%	119,567,690	6.82%	8,151,187

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Niagara Peninsula Energy evenue Deficiency Determination

Description         Application         Agreement         Actual         Existing Rates         Revenue Revenue Deficiency           Revenue Deficiency         0         0         0         0         0         2,989,747         26,949,623         25,989,747         26,949,623         26,949,623         25,989,747         1,999,852         1,961,747         1,999,852         1,961,747         1,999,852         1,961,747         1,999,852         1,961,747         1,999,852         1,961,747	est - Required Revenue  Net Chang Rate Order Settlemen
Revenue         0         0         0         0         2           Revenue Deficiency         0         0         0         0         2           Distribution Revenue         26,857,308         26,949,623         25,989,747         26,949,623         26           Other Operating Revenue (Net)         2,185,747         1,961,747         1,999,852         1,961,747         1,	to to tido
Revenue Deficiency         0         0         0         0         2           Distribution Revenue         26,857,308         26,949,623         25,989,747         26,949,623         26           Other Operating Revenue (Net)         2,185,747         1,961,747         1,999,852         1,961,747         1,	
Other Operating Revenue (Net) 2,185,747 1,961,747 1,999,852 1,961,747 1,	,064,398
	6,949,623
	,961,747
Total Revenue 29,043,055 28,911,370 27,989,599 28,911,370 30	),975,767
Costs and Expenses	
	,712,101
	,142,107
	,150,827 222,474
Capital Taxes 0 0 83,846 0	0
	,569,353 (804,84
Total Costs and Expenses 26,001,743 25,601,707 25,408,246 24,796,863 24	1,796,863 (804,84
Less OCT Included Above - 0 (83,846) 0	0
Total Costs and Expenses Net of OCT <u>26,001,743</u> <u>25,601,707</u> <u>25,324,400</u> <u>24,796,863</u> <u>24</u>	<b>1,796,863</b> (804,84
Utility Income Before Income Taxes 3,041,312 3,309,663 2,665,199 4,114,507 6,	, <b>178,904</b> 804,84
Other income before income raxes 3,041,312 3,303,003 2,003,133 4,114,307 0,	,170,304 004,04
Income Taxes:	
	,597,070 215,59
Total Income Taxes 798,315 828,498 776,534 1,044,088 1,	, <b>597,070</b> 215,59
Utility Net Income         2,242,997         2,481,165         1,888,665         3,070,419         4,	<b>,581,834</b> 589,25
South Tay Farman Orbital day	
Capital Tax Expense Calculation:         119,144,943         119,567,690         114,025,993         119,567,690         119,567,690         114,025,993         119,567,690         1	9,567,690
	5,000,000
	4,567,690
Ontario Capital Tax         0         0         83,846         0	0
Income Tax Expense Calculation:	
	,178,904 804,84
	<b>216,708)</b> , <b>962,196</b> 804,84
	,597,070 215,59
	26.79%
Actual Return on Rate Base:	
Rate Base 119,144,943 119,567,690 114,025,993 119,567,690 115	9,567,690
Interest Expense 4,340,146 4,374,198 4,083,700 3,569,353 3,	,569,353 (804,84
	,581,834 589,25
	,151,187 (215,59
Actual Return on Rate Base         7.58%         5.73%         5.24%         5.55%	6.82% (0.001
Required Return on Rate Base:	0.507.000
Rate Base 119,144,943 119,567,690 114,025,993 119,567,690 119	9,567,690
Return Rates:	
Return on Debt (Weighted) 6.07% 6.10% 5.97% 4.98%	4.98% (0.011
, , ,	9.58% 0.000
	,569,353 (804,84
	,581,834 (904,94
Total Return 9,034,456 8,956,032 8,188,635 8,151,187 8,	,151,187 (804,84
Expected Return on Rate Base         7.58%         7.49%         7.18%         6.82%	6.82% (0.006
Revenue Deficiency After Tax 2,451,313 2,100,669 2,216,271 1,511,415	0 (589,25
Revenue Deficiency After Tax 2,451,313 2,100,009 2,210,271 1,311,413  Revenue Deficiency Before Tax 3,378,275 2,869,241 3,125,485 2,064,398	0 (804,84

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## **Cost Allocation Based Calculations**

and the second s													
Class	Revenue Requirement - 2011 Cost Allocation Model	2011 Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Miscellaneous Revenue Allocated from 2011 Cost Allocation Model	Total Revenue	Revenue Cost Ratio	Check Revenue Cost Ratios from 2011 Cost Allocation Model	Proposed Revenue to Cost Ratio	Proposed Revenue	Miscellaneous Revenue	Proposed Base Revenue			
Residential	20,499,993	15,743,932	1,346,572	17,090,504	83.4%	83.4%	85.0%	17,424,994	1,346,572	16,078,423			
GS < 50 kW	3,518,788	3,563,569	274,930	3,838,499	109.1%	109.1%	109.1%	3,838,499	274,930	3,563,569			
GS >50	6,313,488	9,467,683	333,440	9,801,122	155.2%	155.2%	147.9791%	9,342,642	333,440	9,009,202			
Large Use	0	0	0	0	0.0%	0.0%	0.0%	0	0	0			
Sentinel Lights	141,424	8,675	1,778	10,454	7.4%	7.4%	38.7%	54,725	1,778	52,947			
Street Lighting	365,037	93,091	2,998	96,089	26.3%	26.3%	48.2%	175,807	2,998	172,809			
USL	137,037	137,071	2,029	139,099	101.5%	101.5%	101.5%	139,099	2,029	137,071			
TOTAL	30,975,768	29,014,020	1,961,747	30,975,767	100.0%	100.0%		30,975,767	1,961,747	29,014,020			

### Distribution Rate Allocation Between Fixed & Variable Rates For 2011 Test Year

Customer Class	Total Net Rev. Requirement	Rev Requirement %	Proposed Fixed Rate	Resulting Variable Rate	Total Fixed Revenue	Te	otal Variable Revenue	Transformer Allowance	Gross Distribution Revenue	LV & Wheeling Charges	Tot	tal
Residential	16,078,423	55.42%	15.62	\$0.0157	\$ 8,791,085	\$	7,287,338		16,078,423	212,506	16,	290,928
GS < 50 kW	3,563,569	12.28%	36.77	\$0.0134	\$ 1,920,401	\$	1,643,168		3,563,569	49,151	3,	612,720
GS >50	9,009,202	31.05%	177.00	\$4.1794	\$ 1,801,840	\$	7,207,362	\$ 392,476	9,401,678	289,496	9,	691,174
Large Use	0	0.00%	0.00	\$0.0000	\$ -	\$	-		0	0		0
Sentinel Lights	52,947	0.18%	6.85	\$8.5542	\$ 46,027	\$	6,920		52,947	108		53,055
Street Lighting	172,809	0.60%	0.76	\$2.9760	\$ 112,969	\$	59,840		172,809	2,459		175,268
USL	137,071	0.47%	19.00	\$0.0133	\$ 106,053	\$	31,018		137,071	961		138,031
TOTAL	29,014,020	100.00%	•	•	\$ 12,778,374	\$	16,235,646	\$ 392,476	\$ 29,406,496	\$ 554,681	\$ 29,9	961,177
			Forecast Fixed/V	ariable Ratios	43.454%		55.211%	1.335%	100.000%		29,	961,177

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**Fixed Charge Analysis** 

Customer Class	Current Volumetric Split	Current Fixed Charge Spilt	Total	Fixed Rate Based on Current Fixed/Variable Revenue Proportions	2010 Rates From OEB Approved Tariff	Minimum System with PLCC Adustment (Ceiling Fixed Charge From Cost Allocation Model)
Residential	45.32%	54.68%	100.00%	15.62	15.96	25.77
GS < 50 kW	46.11%	53.89%	100.00%	36.77	47.27	37.88
GS >50	80.00%	20.00%	100.00%	177.00	280.14	108.85
Large Use	0.00%	100.00%	100.00%	0.00	0.00	0.00
Sentinel Lights	13.07%	86.93%	100.00%	6.85	1.10	20.80
Street Lighting	34.63%	65.37%	100.00%	0.76	0.32	19.01
USL	22.63%	77.37%	100.00%	19.00	23.65	18.98

Final Revenue to Cost Ratios											
Class	2011 Cost Allocation Study	2011 Proposed Ratios	2012 Proposed Ratios	2013 Proposed Ratios	Board Targets Min to Max						
Residential	83.4%	85.0%	85.0%	85.0%	85.0%	115.0%					
GS < 50	109.1%	109.1%	109.1%	109.1%	80.0%	120.0%					
General Service 50 to 4999 kW	155.2%	148.0%	147.0%	146.0%	80.0%	180.0%					
Streetlight	7.4%	38.7%	58.9%	70.0%	70.0%	120.0%					
Sentinel Lights	26.3%	48.2%	54.1%	70.0%	70.0%	120.0%					
Unmetered Scattered Load	101.5%	101.5%	101.5%	101.5%	80.0%	120.0%					