**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 West Perth Power Inc. and Clinton Power Corporation for an order approving just and reasonable rates and other charges for electricity distribution to be effective December 1, 2010.

BEFORE: Cynthia Chaplin Presiding Member

> Paul Sommerville Member

## **DECISION AND ORDER**

## BACKGROUND

West Perth Power Inc. ("West Perth Power") and Clinton Power Corporation ("Clinton Power") filed cost of service applications with the Ontario Energy Board (the "Board") on June 15, 2010 and June 18, 2010 respectively, under section 78 of the Ontario Energy Board Act, 1998, S.O. 1998, c.15 (Schedule B), seeking approval for changes to the rates that West Perth Power and Clinton Power charge for electricity distribution in their respective service areas, to be effective July 1, 2010.

There were several common elements in these applications. To effect a more efficient process and pursuant to section 21(5) of the *Ontario Energy Board Act* the Board determined that the review of these applications would be combined into one proceeding, while maintaining the separate identification of each of the applications.

The Board issued a Notice of Application and Hearing on July 6, 2010. The Vulnerable Energy Consumers Coalition ("VECC") and the School Energy Coalition ("SEC") applied for intervenor status and cost eligibility.

In Procedural Order No.1, issued on August 4, 2010, the Board made provision for written interrogatories. The approved intervenors and Board staff filed interrogatories. West Perth Power and Clinton Power filed responses to the interrogatories by September 20, 2010.

In Procedural Order No.2, issued on October 4, 2010 the Board made provisions for a round of written supplemental interrogatories and indicated that a settlement process would be introduced in the proceeding. West Perth Power and Clinton Power filed

responses to the supplemental interrogatories on October 29, 2010.

On November 4, 2010, West Perth Power, Clinton Power and the intervenors participated in a Settlement Conference with the assistance of a facilitator. As a result of the Settlement Conference, the parties achieved Settlement Agreements on both applications.

## SETTLEMENT AGREEMENTS

On November 25, 2010, West Perth Power, Clinton Power, SEC and VECC filed proposed Settlement Agreements with the Board that constitute a complete settlement of all the issues by the parties in both applications. The Settlement Agreements for West Perth Power and Clinton Power are attached respectively as Appendix 1 and Appendix 2 of this Decision.

On November 30, 2010, the Board issued a *Decision and Order on Interim Rates* declaring West Perth Power's and Clinton Power's rates interim as of December 1, 2010. In the Settlement Agreements, the parties agreed upon an effective date for distribution rates of December 1, 2010.

## **BOARD FINDINGS**

The Board has examined the Settlement Agreements and accepts the terms of the Settlement Agreements as filed by the parties. The Board notes that the Settlement Agreement for West Perth Power deferred the disposition of the deferral and variance accounts. The Board expects West Perth Power to apply for disposition of its Group 1 deferral and variance account balances in its forthcoming IRM application.

In addition, the Board notes that the Parties have agreed to defer disposition of West Perth Power's regulatory costs for the preparation of this application to its next cost of service application. The Board accepts the position of the Parties and directs West Perth Power to place the costs for the preparation of this application, \$80,000, into account 1508 – Other Regulatory Assets.

Furthermore, the Board notes that the final bill impacts are relatively high for Clinton Power. However, the Board notes that the Settlement Agreements affected a substantial decrease from what Clinton Power originally requested.

The Board reminds parties that the terms contained in a settlement agreement do not create a precedent for the Board.

The Board commends the parties on achieving settlement of all the issues.

• Given that the Board has accepted the settlement agreement there are no changes to reflect in this draft rate order with the exception of the calculation of Retail Transmission Rates.

- In the original settlement the calculation of the RTSR's for the unmetered class used rates of \$0.47 and \$0.45 respectively and applied these rates to the applicable kWh consumptions. However the approved rates for this class are in fact \$0.0047 per kWh and \$0.0045 per kWh.
- Clinton has applied this change and as a result the RTSR's have been slightly revised from those provided in the settlement.
- Updated Revenue Requirement Work Forms are provided for each entity that reflect the change from the application to Settlement and Decision.

## **IMPLEMENTATION OF RATES**

Pursuant to the approval by the Board of the terms and costs consequences of the Settlement Agreements, the new rates are to be effective December 1, 2010. The results of the Settlement Agreements together with the Board's findings outlined in this Decision are to be reflected in West Perth Power's and Clinton Power's draft Rate Orders. The Board expects West Perth Power and Clinton Power to file detailed supporting material, including all relevant calculations showing the impact of the implementation of the Settlement Agreements and this Decision on their proposed Revenue Requirements respectively, the allocation of the approved Revenue Requirements to the classes, and the determination of the final rates, including bill impacts.

Given the date of this Decision, the Board notes that both applicants will not be able to implement the new rates until January 1, 2011. As such, the Board expects West Perth Power and Clinton Power to also file a proposal for class-specific rate riders that will recover forgone review for the period December 1, 2010 to December 31, 2010.

The draft Rate Order supporting documentation shall include, but not be limited to, filing a completed version of the Revenue Requirement Work Form excel spreadsheet which can be found on the Board's website. West Perth Power and Clinton Power should also show detailed calculations of any revisions to the rate riders or rate adders reflecting the Settlement Agreements.

- Given the timing of implementation a rate rider for recovery of foregone revenue is required.
- The detailed calculation of this rate rider can be found in Schedule C of this document.

## **SCHEDULE OF APPENDICES**

- **A.** Tariff of Rates and Charges Effective December 1<sup>st</sup>, 2010, Implementation January 1<sup>st</sup>, 2011.
- B. Summary of Monthly Bill Impact Calculations
- C. Calculation of Fixed Variable Rates
- D. Calculation of Street Light Class Fixed Variable Rates
- E. Calculation of Retail Transmission Rates
- F. Calculation of Low Voltage Rates
- G. Consumption Data used for all calculations
- H. Calculation of % of Revenue Requirement Splits
- Calculation of Foregone Revenue Rate Rider effective until December 1<sup>st</sup>, 2011.
- J. Revenue Deficiency (Application/Settlement & Draft Rate Order)
- K. Rate Base (Application/Settlement & Draft Rate Order)
- L. Deemed Returns on Debt and Equity (Application/Settlement & Draft Rate Order)
- M. Base Revenue Requirement (Application/Settlement & Draft Rate Order)
- N. Bill Impact Comparison (Application/Settlement & Draft Rate Order)
- O. Details of Monthly Bill Impact Calculations

## This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

\$/kWh 0.0013

0.25

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

Rural Rate Protection Charge

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 furnished 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 charged 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.

## **MONTHLY RATES AND CHARGES – Delivery Component**

Standard Supply Service – Administrative Charge (if applicable)

Service Charge Smart Meter Funding Adder Distribution Volumetric Rate Rate Rider Foregone Revenue Recovery Effective Until December 1 <sup>st</sup> , 2011 Low Voltage Service Rate Rate Rider for Deferral/Variance Account Disposition Effective Until December 1 <sup>st</sup> , 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	12.30 1.00 0.0136 0.0007 0.0031 0.0033 0.0055 0.0013
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0052

### This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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 furnished 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 charged 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.

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	24.17
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0131
Rate Rider Foregone Revenue Recovery Effective Until December 1 <sup>st</sup> , 2011	\$/kWh	0.0005
Low Voltage Service Rate	\$/kWh	0.0025
Rate Rider for Deferral/Variance Account Disposition		
Effective Until December 1 <sup>st</sup> , 2012	\$/kWh	0.0033
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0012

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes 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 furnished 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 charged 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.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Wh	olesale Market Service Rate	\$/kWh	0.0052
Rur	al Rate Protection Charge	\$/kWh	0.0013
Sta	ndard Supply Service – Administrative Charge (if applicable)	\$	0.25

### This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum 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 level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 furnished 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 charged 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.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	12.09
Distribution Volumetric Rate	\$/kWh	0.0094
Rate Rider Foregone Revenue Recovery Effective Until December 1 <sup>st</sup> , 2011	\$/kWh	0.0007
Low Voltage Service Rate	\$/kWh	0.0084
Rate Rider for Deferral/Variance Account Disposition		
Effective Until December 1 <sup>st</sup> , 2012	\$/kWh	0.0032
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0013

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential, General Service or Large Use customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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 furnished 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 charged 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.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	0.2799
Distribution Volumetric Rate	\$/kW	0.5405
Rate Rider Foregone Revenue Recovery Effective Until December 1 <sup>st</sup> , 2011	\$/kW	0.0357
Low Voltage Service Rate	\$/kW	1.4814
Rate Rider for Deferral/Variance Account Disposition Effective Until December 1 <sup>st</sup> , 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	•	1.1190 1.5366 0.3778

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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 furnished 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 charged 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.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	0.21
Distribution Volumetric Rate	\$/kW	21.6340
Rate Rider Foregone Revenue Recovery Effective Until December 1 <sup>st</sup> , 2011	\$/kW	1.7878
Low Voltage Service Rate	\$/kW	0.8602
Rate Rider for Deferral/Variance Account Disposition		
Effective Until December 1 <sup>st</sup> , 2012	\$/kWh	1.1609
Retail Transmission Rate – Network Service Rate	\$/kW	1.5287
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.3701

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

#### 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.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished 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 charged 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.

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge

\$ 5.25

## This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2009-0262 EB-2010-0121

## ALLOWANCES

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

## **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 charges to meet the costs of any work or service done or furnished 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.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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.

**Customer Administration** 

Arrears certificate Returned cheque charge (plus bank charges) Account set up charge/change of occupancy charge	\$ \$	15.00 15.00
(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
Disconnect/Reconnect Charge at meter – during regular hours	\$	65.00
Disconnect/Reconnect Charge at meter – after regular hours	\$	185.00
Service call – customer-owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

> EB-2009-0262 EB-2010-0121

## **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.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished 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 charged 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.

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

One-time charge, per retailer, to establish the service agreement between		
the distributor and the retailer	\$	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 Retail 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 More than twice a year, per request (plus incremental delivery costs)	no cha \$	rge 2.00

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

> EB-2009-0262 EB-2010-0121

## 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	1.0554
Total Loss Factor – Secondary Metered Customer > 5,000 kW	NA
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0340
Total Loss Factor – Primary Metered Customer > 5,000 kW	NA

Class	Consumption kWh	Consumption kW	2	May 2009 Bill		May 2010 Bill	Di	ifference \$	Bill Impact %	Мах	Min
Residential	100		\$	21.36		26.31	\$	4.95	23.16%	23.2%	10.9%
	250		\$	36.87	<u> </u>	43.32	\$	6.45	17.50%		
	500		\$	62.69	\$	71.61	\$	8.92	14.23%		
Average Customer	723		\$	85.72	\$	96.85		11.12	12.98%		
	1,000		\$	114.33	\$	128.19	\$	13.86	12.12%		
	1,500		\$	165.98	\$	184.77	\$	18.79	11.32%		
	2,000		\$	217.62	\$	241.35	\$	23.73	10.90%		
General Service Less Than 50 kW	1,000		\$	121.97	\$	139.67	\$	17.71	14.5%	14.5%	10.4%
	2,000		\$	223.27	\$	250.90	\$	27.63	12.4%		
Average Customer	2,833		\$	307.66	\$	343.56	\$	35.90	11.7%		
	5,000		\$	527.19	\$	584.60	\$	57.41	10.9%		
	10,000		\$	1,033.71	\$	1,140.76	\$	107.05	10.4%		
GS>50 to 4999 kW	15,000	55	\$	1,702.96	\$	1,870.66	\$	167.70	9.8%	10.4%	8.5%
	20,000	125	\$	2,743.31	\$	3,027.26	\$	283.95	10.4%		
	50,000	250	\$	6,218.97	\$	6,829.91	\$	610.95	9.8%		
Average Customer	133,770	376	\$	13,832.53	\$	15,076.41	\$	1,243.88	9.0%		
	250,000	450	\$	23,450.77	\$	25,446.19	\$	1,995.42	8.5%		
Unmetered Scattered Load - Avg Customer	600	1	\$	66.77	\$	78.26	\$	11.48	17.2%		
Street Lighting - Avg Customer	25	1	\$	11.42	\$	30.86	\$	19.44	170.3%		
Sentinel	25	1	\$	7.88	\$	8.73	\$	0.85	10.8%		

## Clinton Power Corporation Tariff of Rates and Charges Effective December 1st, 2010

## This schedule superseds and replaces all previously approved schedules of Rates, Charges and Loss Factors

			33.3% Increase
Residential	UOM	Rate	Rate
Service Charge	\$	\$9.2300	\$12.30
Distribution Volumetric Rate	\$/kWh	\$0.0102	\$0.0136
GS<50 kW			
Service Charge	\$	\$18.1300	\$24.17
Distribution Volumetric Rate	\$/kWh	\$0.0098	\$0.0131
GS>50 to 4999 kW			
Service Charge	\$	\$31.8400	\$42.44
Distribution Volumetric Rate	\$/kW	\$3.4763	\$4.6338
Street Lighting			
Service Charge	\$	\$0.1200	\$0.21
Distribution Volumetric Rate	\$/kW	\$0.1803	\$21.6340
Sentinel Lighting			
Service Charge	\$	\$0.2100	\$0.2799
Distribution Volumetric Rate	\$/kW	\$0.4055	\$0.5405
Unmetered Scattered Load			
Service Charge	\$	\$9.0700	\$12.09
Distribution Volumetric Rate	\$/kWh	\$0.0071	\$0.0094

	Street Lighting
100% Cost Allocation	\$65,114
Current Cost Allocation	\$1,603
70% of Cost Allocation	\$45,579.96
Change to get to 70%	\$43,976.81
One Half of the move to 70%	\$21,988.41
New Revenue Requirement	\$23,591.55
Fixed %	0.075642179
Variable %	0.924357821
Fixed Revenue	\$1,784.52
Variable Revenue	\$21,807.03
Fixed Charge	\$0.21
Variable Charge	\$21.63

	2010	2009	2009	Forecast		Forecast	F	Reduction	Revised	F	Reduction		Revised	F	Revised		Revised
RESIDENTIAL	Billing Volume	Network Rate	<b>Connection Rate</b>	Network Rev	Coni	nection Rev	Net	work Rev	Network Rev	Conr	nection Rev	Con	nection Rev	Netv	vork Rate	Conn	ection Rate
Regular	11,826,696	0.0052	0.005	\$ 61,498.82	2\$	59,133.48	\$	(3,193.88)	\$ 64,692.70	\$	43,303.16	\$	15,830.32	\$	0.0055	\$	0.0013
GENERAL SERVICE																	
Less than 50 kW	5,391,828	0.0047	0.0045	\$ 25,341.59	\$	24,263.23	\$	(1,316.09)	\$ 26,657.68	\$	17,767.84	\$	6,495.38	\$	0.0049	\$	0.0012
Greater than 50 to 499 kW	34,478	1.9269	1.7883	\$ 66,436.07	7 \$	61,657.39	\$	(3,450.29)	\$ 69,886.36	\$	45,151.41	\$	16,505.98	\$	2.0270	\$	0.4787
Unmetered Scattered Load	60,756	0.0047	0.0045	\$ 285.55	5\$	273.40	\$	(14.83)	\$ 300.38	\$	200.21	\$	73.19	\$	0.0049	\$	0.0012
Sentinel Lighting	109	1.4607	1.4113	\$ 159.02	2\$	153.64	\$	(8.26)	\$ 167.28	\$	112.51	\$	41.13	\$	1.5366	\$	0.3778
Street Lighting	1,008	1.4532	1.3824	\$ 1,464.83	\$\$	1,393.46	\$	(76.07)	\$ 1,540.90	\$	1,020.42	\$	373.04	\$	1.5287	\$	0.3701
				\$ 155,185.89	\$	146,874.60	\$	(8,059.41)	\$ 163,245.30	\$	107,555.56	\$	39,319.04				

2009 Cost	\$ 163,245.30	\$ 39,319.04
2009 Revenue	\$ (155,185.89)	\$ (146,874.60)
	\$ 8,059.41	\$ (107,555.56)

					-5%	73%
	2009 Quantities	2010	) Rates			
January	5,640	\$	0.64	\$ 3,609.60		\$ 3,609.60
February	5,397	\$	0.64	\$ 3,454.08		\$ 3,454.08
March	5,366	\$	0.64	\$ 3,434.24		\$ 3,434.24
April	4,873	\$	0.64	\$ 3,118.72		\$ 3,118.72
May	4,346	\$	0.64	\$ 2,781.44		\$ 2,781.44
June	5,173	\$	0.64	\$ 3,310.72		\$ 3,310.72
July	4,596	\$	0.64	\$ 2,941.44		\$ 2,941.44
August	5,283	\$	0.64	\$ 3,381.12		\$ 3,381.12
September	4,747	\$	0.64	\$ 3,038.08		\$ 3,038.08
October	4,592	\$	0.64	\$ 2,938.88		\$ 2,938.88
November	5,474	\$	0.64	\$ 3,503.36		\$ 3,503.36
December	5,949	\$	0.64	\$ 3,807.36		\$ 3,807.36
	61,436	\$	0.64	\$ 39,319.04		\$ 39,319.04

	Netv	vork		
	2009 Quantities	2010 Rates		
January	5,640	\$ 2.0	55	\$ 14,946.00
February	5,397	\$ 2.0	55	\$ 14,302.05
March	5,366	\$ 2.0	55	\$ 14,219.90
April	5,039	\$ 2.0	55	\$ 13,353.35
May	4,346	\$ 2.0	55	\$ 11,516.90
June	5,173	\$ 2.0	55	\$ 13,708.45
July	4,596	\$ 2.0	55	\$ 12,179.40
August	5,283	\$ 2.0	55	\$ 13,999.95
September	4,747	\$ 2.0	55	\$ 12,579.55
October	4,592	\$ 2.0	55	\$ 12,168.80
November	5,474	\$ 2.0	55	\$ 14,506.10
December	5,949	\$ 2.0	55	\$ 15,764.85
	61,602	\$ 2.0	55	\$ 163,245.30

	2010	2009	2009	Foreca	st	Forec	ast	R	eduction	Revised	1	Reduction		Revised	R	evised	I	Revised
RESIDENTIAL	Billing Volume	Network Rate	<b>Connection Rate</b>	Network F	Rev C	Connectio	n Rev	Netv	vork Rev	Network Rev	Con	nection Rev	Coni	nection Rev	Netw	ork Rate	Conn	ection Rate
Regular	11,826,696	0.0052	0.005	\$ 61,49	98.82	\$ 59,	133.48	\$	6,775.00	\$ 54,723.82	\$	45,766.50	\$	13,366.98	\$	0.0046	\$	0.0011
GENERAL SERVICE																		
Less than 50 kW	5,391,828	0.0047	0.0045	\$ 25,34	11.59	\$ 24,	263.23	\$	2,791.75	\$ 22,549.84	\$	18,778.58	\$	5,484.64	\$	0.0042	\$	0.0010
Greater than 50 to 499 kW	34,478	1.9269	1.7883	\$ 66,43	36.07	\$ 61,	657.39	\$	7,318.92	\$ 59,117.16	\$	47,719.88	\$	13,937.51	\$	1.7146	\$	0.4042
Unmetered Scattered Load	60,756	0.47	0.45	\$ 28,55	55.32	\$ 27,	340.20	\$	3,145.79	\$ 25,409.53	\$	21,160.01	\$	6,180.19	\$	0.4182	\$	0.1017
Sentinel Lighting	109	1.4607	1.4113	\$ 15	59.02	\$	153.64	\$	17.52	\$ 141.50	\$	118.91	\$	34.73	\$	1.2998	\$	0.3190
Street Lighting	1,008	1.4532	1.3824	\$ 1,46	54.83	\$ 1,	393.46	\$	161.37	\$ 1,303.45	\$	1,078.47	\$	314.99	\$	1.2931	\$	0.3125
				\$ 183,45	55.65	\$ 173,	941.40	\$	20,210.35	\$ 163,245.30	\$	134,622.36	\$	39,319.04				

2009 Cost	\$ 163,245.30 \$	39,319.04
2009 Revenue	\$ (183,455.65) \$	(173,941.40)
	\$ (20,210.35) \$	(134,622.36)

					11%	77%
	Conne	ction				
	2009 Quantities	2010	Rates			
January	5,640	\$	0.64	\$ 3,609.60		\$ 3,609.60
February	5,397	\$	0.64	\$ 3,454.08		\$ 3,454.08
March	5,366	\$	0.64	\$ 3,434.24		\$ 3,434.24
April	4,873	\$	0.64	\$ 3,118.72		\$ 3,118.72
May	4,346	\$	0.64	\$ 2,781.44		\$ 2,781.44
June	5,173	\$	0.64	\$ 3,310.72		\$ 3,310.72
July	4,596	\$	0.64	\$ 2,941.44		\$ 2,941.44
August	5,283	\$	0.64	\$ 3,381.12		\$ 3,381.12
September	4,747	\$	0.64	\$ 3,038.08		\$ 3,038.08
October	4,592	\$	0.64	\$ 2,938.88		\$ 2,938.88
November	5,474	\$	0.64	\$ 3,503.36		\$ 3,503.36
December	5,949	\$	0.64	\$ 3,807.36		\$ 3,807.36
	61,436	\$	0.64	\$ 39,319.04		\$ 39,319.04

	Netv	vork		
	2009 Quantities	2010 Rates		
January	5,640	\$ 2.6	5\$	14,946.00
February	5,397	\$ 2.6	5\$	14,302.05
March	5,366	\$ 2.6	5\$	14,219.90
April	5,039	\$ 2.6	5\$	13,353.35
May	4,346	\$ 2.6	5\$	11,516.90
June	5,173	\$ 2.6	5\$	13,708.45
July	4,596	\$ 2.6	5\$	12,179.40
August	5,283	\$ 2.6	5\$	13,999.95
September	4,747	\$ 2.6	5\$	12,579.55
October	4,592	\$ 2.6	5\$	12,168.80
November	5,474	\$ 2.6	5\$	14,506.10
December	5,949	\$ 2.6	5\$	15,764.85
	61,602	\$ 2.6	5\$	163,245.30

	2010	2	2009		Forecast	I	ncrease to		Revised		Revised
<u>RESIDENTIAL</u>	<b>Billing Volume</b>	Low Vol	tage Rate	Low	Voltage Rev	Low	Voltage Rev	Low	v Voltage Rev	Low	Voltage Rate
Regular	11,826,696	\$	0.0014	\$	17,064.71	\$	(19,656.90)	\$	36,721.61	\$	0.0031
GENERAL SERVICE											
Less than 50 kW	5,391,828	\$	0.0012	\$	6,342.10	\$	(7,305.49)	\$	13,647.59	\$	0.0025
Greater than 50 to 499 kW	34,478	\$	0.5435	\$	18,740.41	\$	(21,587.15)	\$	40,327.56	\$	1.1697
Unmetered Scattered Load	60,756	\$	0.0039	\$	237.74	\$	(273.86)	\$	511.60	\$	0.0084
Sentinel Lighting	109	\$	0.6884	\$	74.95	\$	(86.33)	\$	161.28	\$	1.4814
Street Lighting	1,008	\$	0.3997	\$	402.94	\$	(464.15)	\$	867.09	\$	0.8602
				\$	42,862.85	\$	(49,373.87)	\$	92,236.72		

2008 Cost	\$ 92,236.72
2008 Revenue	\$ (42,862.85)
	\$ 49,373.87

-115%

	2009 Quantities	2010 Rate	es		Fixe	ed Charge	
January	5,640	\$	1.41874	\$ 8,001.67	\$	422.94	\$ 8,424.61
February	5,397	\$	1.41874	\$ 7,656.92	\$	422.94	\$ 8,079.86
March	5,366	\$	1.41874	\$ 7,612.94	\$	422.94	\$ 8,035.88
April	4,873	\$	1.41874	\$ 6,913.50	\$	422.94	\$ 7,336.44
Мау	4,346	\$	1.41874	\$ 6,165.83	\$	422.94	\$ 6,588.77
June	5,173	\$	1.41874	\$ 7,339.12	\$	422.94	\$ 7,762.06
July	4,596	\$	1.41874	\$ 6,520.51	\$	422.94	\$ 6,943.45
August	5,283	\$	1.41874	\$ 7,495.18	\$	422.94	\$ 7,918.12
September	4,747	\$	1.41874	\$ 6,734.74	\$	422.94	\$ 7,157.68
October	4,592	\$	1.41874	\$ 6,514.83	\$	422.94	\$ 6,937.77
November	5,474	\$	1.41874	\$ 7,766.16	\$	422.94	\$ 8,189.10
December	5,949	\$	1.41874	\$ 8,440.06	\$	422.94	\$ 8,863.00
	61,436	\$	1.41874	\$ 87,161.44	\$	5,075.28	\$ 92,236.72

		Allocator	F	Residential	GS<50 kW	GS	S>50 to 4,999 kW	USL	S	entinel	Street	Total
Account Description	Account #											
RSVA - Low Voltage Variance Account	1550	kWh	\$	141,357.95	\$ 64,445.54	\$	141,828.55	\$ 726.18	\$	447.78	\$ 4,266.55	\$ 353,072.55
RSVA - Cost Assessments	1508	kWh	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$-
RSVA - Regulatory Asset Recovery Account	1590	kWh	\$	19,421.51	\$ 8,854.33	\$	19,486.17	\$ 99.77	\$	61.52	\$ 586.19	\$ 48,509.49
RSVA - Wholesale Market Service Charge	1580	kWh	\$	(37,722.84)	\$ (17,197.96)	\$	(37,848.43)	\$ (193.79)	\$	(119.49)	\$ (1,138.57)	\$ (94,221.09)
RSVA - One-time Wholesale Market Service	1582	kWh	\$	730.33	\$ 332.96	\$	732.77	\$ 3.75	\$	2.31	\$ 22.04	\$ 1,824.17
RSVA - Retail Transmission Network Charge	1584	kWh	\$	(12,120.57)	\$ (5,525.80)	\$	(12,160.92)	\$ (62.27)	\$	(38.39)	\$ (365.83)	\$ (30,273.78)
RSVA - Retail Transmission Connection Charge	1586	kWh	\$	(190,008.58)	\$ (86,625.51)	\$	(190,641.15)	\$ (976.11)	\$	(601.89)	\$ (5,734.95)	\$(474,588.20)
RSVA - Power	1588	kWh	\$	161,604.38	\$ 73,675.95	\$	162,142.38	\$ 830.19	\$	511.92	\$ 4,877.64	\$ 403,642.45
RSVA - Power Global Adjustment	1588 GA	non RPP kWh	\$	(5,956.30)	\$ (2,732.89)	\$	(7,706.59)	\$ (32.95)	\$	(20.10)	\$ (172.79)	\$ (16,621.62)
Total to be Recovered			\$	77,305.88	\$ 35,226.60	\$	75,832.78	\$ 394.79	\$	243.66	\$ 2,340.28	\$ 191,343.97
	-											
		kWh		11,826,696	5,391,828		11,866,069	60,756		37,464	356,960	29,539,773
		Allocator		40.04%	18.25%		40.17%	0.21%		0.13%	1.21%	100.00%
		non RPP kWh		8,606,322	3,948,783		11,135,336	47,609		29,036	249,668	24,016,755
		Allocator		35.83%	16.44%		46.36%	0.20%		0.12%	1.04%	100.00%
	-											
Number of Years for	r Recovery	2	\$	38,652.94	\$ 17,613.30	\$	37,916.39	\$ 197.39	\$	121.83	\$ 1,170.14	\$ 95,673.98
	-	Variable Billing										
		Determinant		11,826,696	5,391,828		34,478	60,756		109	1,008	
					, ,		, -				,	
		Final Rate	\$	0.0033	\$ 0.0033	\$	1.0997	\$ 0.0032	\$	1.1190	\$ 1.1609	

## Normalized Average Consumption kWh

	2002	2003	2004	2005	2006	2007	2008	2009	2010
<u>RESIDENTIAL</u>									
Regular	12,306,142	12,304,678	12,318,263	12,774,851	12,656,005	12,523,015	11,477,044	11,682,740	11,826,696
GENERAL SERVICE									
Less than 50 kW	6,875,449	6,654,929	6,330,384	6,540,058	5,883,572	6,002,124	5,219,160	5,329,361	5,391,828
Greater than 50 to 4999 kW	11,382,281	11,405,214	12,242,156	12,695,923	14,299,976	14,299,976	11,380,242	11,633,401	11,866,069
Greater than 500 to 4,999 kW									
Large Use									
Unmetered Scattered Load	0	0	59,340	61,540	65,350	65,350	51,400	60,756	60,756
Sentinel Lighting	8,652	8,541	47,893	47,961	42,709	42,709	38,824	31,489	37,464
Street Lighting	346,108	366,108	363,169	368,062	384,347	384,347	350,256	356,960	356,960
	30,918,632	30,739,470	31,361,206	32,488,395	33,331,959	33,317,521	28,516,926	29,094,707	29,539,773

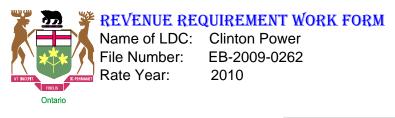
## Normalized Average Consumption kW

	2002	2003	2004	2005	2006	2007	2008	2009	2010
<u>RESIDENTIAL</u>									
Regular									
GENERAL SERVICE									
Less than 50 kW									
Greater than 50 to 4999 kW	29,091	28,991	31,214	32,371	26,354	38,426	27,547	33,765	34,478
Greater than 500 to 4,999 kW									
Large Use									
Unmetered Scattered Load				0	158	159	158	166	166
Sentinel Lighting	24	23	106	97	206	115	116	109	109
Street Lighting	1,008	998	990	1,001	1,017	1,006	1,009	1,008	1,008
	30,123	30,012	32,310	33,469	27,735	39,706	28,830	35,047	35,761

## Foregone Revenue Rate Rider Calculation

							Dra	aft Rate Orde	r		
<b>RESIDENTIAL</b>	Customers	Consumption	Fix	ed Rate	Va	ariable Rate		Fixed		Variable	Total
Regular	1,414	11,826,696	\$	12.30	\$	0.0136	\$	208,741.03	\$	160,802.85	\$ 369,543.89
GENERAL SERVICE											
Less than 50 kW	221	5,391,828	\$	24.17	\$	0.0131	\$	64,091.65	\$	70,606.35	\$ 134,698.00
Greater than 50 to 499 kW	17	34,478	\$	42.44	\$	4.6338	\$	8,658.31	\$	159,766.87	\$ 168,425.18
Unmetered Scattered Load	11	60,756	\$	12.09	\$	0.0094	\$	1,595.92	\$	573.96	\$ 2,169.88
Sentinel Lighting	38	109	\$	0.28	\$	0.5405	\$	127.65	\$	58.84	\$ 186.49
Street Lighting	709	1,008	\$	0.21	\$	21.6340	\$	1,784.52	\$	21,807.03	\$ 23,591.55
											\$ 698,615.00

							С	urrent Rates								
<b>RESIDENTIAL</b>	Customers	Consumption	Fixe	ed Rate	Va	riable Rate		Fixed	Variable	Total	I	Difference	C	One Month	Var	iable Rate
Regular	1,414	11,826,696	\$	9.23	\$	0.0102	\$	156,594.92	\$ 120,632.30	\$ 277,227.22	\$	92,316.67	\$	7,693.06	\$	0.0007
GENERAL SERVICE																
Less than 50 kW	221	5,391,828	\$	18.13	\$	0.0098	\$	48,080.76	\$ 52,968.01	\$ 101,048.77	\$	33,649.24	\$	2,804.10	\$	0.0005
Greater than 50 to 499 kW	17	34,478	\$	31.84	\$	3.4763	\$	6,495.36	\$ 119,855.11	\$ 126,350.47	\$	42,074.71	\$	3,506.23	\$	0.1017
Unmetered Scattered Load	11	60,756	\$	9.07	\$	0.0071	\$	1,197.24	\$ 430.58	\$ 1,627.82	\$	542.06	\$	45.17	\$	0.0007
Sentinel Lighting	38	109	\$	0.21	\$	0.4055	\$	95.76	\$ 44.14	\$ 139.90	\$	46.59	\$	3.88	\$	0.0357
Street Lighting	709	1,008	\$	0.21	\$	0.1803	\$	1,784.52	\$ 181.70	\$ 1,966.22	\$	21,625.33	\$	1,802.11	\$	1.7878
										\$ 508,360.40	\$	190,254.60	\$	15,854.55		



#### **Revenue Sufficiency/Deficiency**

		Per Appli	cation	Per Board	Decision
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$481,125		\$190,255
2	Distribution Revenue	\$508,360	\$508,360	\$508,360	\$508,360
3	Other Operating Revenue Offsets - net	\$38,697	\$38,697	\$38,697	\$38,697
4	Total Revenue	\$547,057	\$1,028,182	\$547,057	\$737,312
5	Operating Expenses	\$886,739	\$886,739	\$604,786	\$604,786
6	Deemed Interest Expense	\$65,207	\$65,207	\$61,097	\$61,097
	Total Cost and Expenses	\$951,946	\$951,946	\$665,882	\$665,882
7	Utility Income Before Income Taxes	(\$404,889)	\$76,236	(\$118,825)	\$71,430
	Tax Adjustments to Accounting				
8	Income per 2009 PILs	\$66,669	\$66,669	\$66,669	\$66,669
9	Taxable Income	(\$338,220)	\$142,905	(\$52,156)	\$138,099
10	Income Tax Rate	0.00%	0.00%	0.00%	0.00%
11	Income Tax on Taxable Income	\$ -	\$ -	\$ -	\$ -
12	Income Tax Credits	\$ -	\$ -	\$ -	\$ -
13	Utility Net Income	(\$404,889)	\$76,236	(\$118,825)	\$71,430
14	Utility Rate Base	\$1,934,935	\$1,934,935	\$1,812,953	\$1,812,953
	Deemed Equity Portion of Rate Base	\$773,974	\$773,974	\$725,181	\$725,181
15	Income/Equity Rate Base (%)	-52.31%	9.85%	-16.39%	9.85%
16	Target Return - Equity on Rate Base	9.85%	9.85%	9.85%	9.85%
	Sufficiency/Deficiency in Return on Equity	-62.16%	0.00%	-26.24%	0.00%
17	Indicated Rate of Return	-17.56%	7.31%	-3.18%	7.31%
18	Requested Rate of Return on Rate Base	7.31%	7.31%	7.31%	7.31%
19	Sufficiency/Deficiency in Rate of Return	-24.87%	0.00%	-10.49%	0.00%
20	Target Return on Equity	\$76,236	\$76,236	\$71,430	\$71,430
21	Revenue Sufficiency/Deficiency	\$481,125	(\$1)	\$190,255	(\$1)
22	Gross Revenue Sufficiency/Deficiency	\$481,125 <b>(1)</b>		\$190,255 <b>(1</b>	)

Notes:

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



## **REVENUE REQUIREMENT WORK FORM**

Name of LDC:Clinton PowerFile Number:EB-2009-0262Rate Year:2010

				Rate Base	
e ).	Particulars		Application	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$2,058,908	(\$120,000)	\$1,938,908
2	Accumulated Depreciation (average)	(3)	(\$560,892)	\$35,379	(\$525,513)
3	Net Fixed Assets (average)	(3)	\$1,498,016	(\$84,621)	\$1,413,395
1	Allowance for Working Capital	_(1)	\$436,919	(\$37,361)	\$399,558
5	Total Rate Base	_	\$1,934,935	(\$121,982)	\$1,812,953

	(1) Allowance for Working Capital - Derivation											
6	Controllable Expenses		\$772,216	(\$249,806)	\$522,410							
7	Cost of Power		\$2,140,577	\$733	\$2,141,310							
8	Working Capital Base		\$2,912,793	(\$249,073)	\$2,663,720							
9	Working Capital Rate %	(2)	15.00%		15.00%							
10	Working Capital Allowance	=	\$436,919	(\$37,361)	\$399,558							

### Notes

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

## **REVENUE REQUIREMENT WORK FORM**



Name of LDC: Clinton Power File Number: Rate Year:

EB-2009-0262 2010

## Capitalization/Cost of Capital

Particulars	Capita	lization Ratio	Cost Rate	Return								
Application												
	(%)	(\$)	(%)	(\$)								
Debt												
Long-term Debt	56.00%	\$1,083,564	5.87%	\$63,60								
Short-term Debt	4.00%	\$77,397	2.07%	\$1,60								
Total Debt	60.00%	\$1,160,961	5.62%	\$65,20								
Equity												
Common Equity	40.00%	\$773,974	9.85%	\$76,23								
Preferred Shares	0.00%	\$-	0.00%									
Total Equity	40.00%	\$773,974	9.85%	\$76,23								
Total	100%	\$1,934,935	7.31%	\$141,44								
	Р	er Board Decision										
	(%)	(\$)	(%)									
Debt	()	(+)	()									
Long-term Debt	56.00%	\$1,015,254	5.87%	\$59,59								
•	4.00%	\$72,518	2.07%	\$1,50								
Short-term Debt			5.62%	\$61,09								

	Equity				
11	Common Equity	40.0%	\$725,181	9.85%	\$71,430
12	Preferred Shares	0.0%	\$ -	0.00%	\$ -
13	Total Equity	40.0%	\$725,181	9.85%	\$71,430
14	Total	100%	\$1,812,953	7.31%	\$132,527

## <u>Notes</u>

(1)

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



Line

No.

1

2

3 4

5

6

7

**Capital Taxes** 

Return

## **REVENUE REQUIREMENT WORK FORM**

Name of LDC: Clinton Power File Number: Rate Year: 2010

EB-2009-0262

#### **Revenue Requirement Per Board Decision Particulars** Application \$515,263 OM&A Expenses \$797,216 Amortization/Depreciation \$89,522 \$89,522 **Property Taxes** \$ -\$ -\$-\$ -Income Taxes (Grossed up) \$-\$ -Other Expenses \$ -\$ -**Deemed Interest Expense** \$65,207 \$61,097

	Return on Deemed Equity	\$76,236	\$71,430
8	Distribution Revenue Requirement before Revenues	\$1,028,182	\$737,313
9 10	Distribution revenue Other revenue	\$989,485 \$38,697	\$698,615 \$38,697
11	Total revenue	\$1,028,182	\$737,312
12	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>(\$1)</u> (1)	<u>(\$1)</u> (1)

Notes (1) Line 11 - Line 8

			Applicatio	on A	Application	Sett	lement	Settlement	Chang	е	Change
Class	Consumption	Consumption	Difference	e E	Bill Impact	Diff	erence	Bill Impact	Differen	се	Bill Impact
	kWh	kW	\$		%		\$	%	\$		%
Residential	100		\$ 5.	.81	29.75%	\$	4.95	23.16%	\$	).86	6.59%
	250		\$ 7.	.59	22.67%	\$	6.45	17.50%	\$	1.13	5.16%
	500		\$ 11.	.54	20.35%	\$	8.92	14.23%	\$	2.62	6.12%
Average Customer	723		\$ 14.	.73	19.03%	\$	11.12	12.98%	\$	8.61	6.05%
	1,000		\$ 18.	.70	18.12%	\$	13.86	12.12%	\$	1.84	6.00%
	1,500		\$ 25.	.86	17.28%	\$	18.79	11.32%	\$	7.07	5.96%
	2,000		\$ 33.	.03	16.84%	\$	23.73	10.90%	\$	9.29	5.93%
General Service Less Than 50 kW	1,000		\$ 18.	.00	16.1%	\$	17.71	14.5%	\$	).30	1.6%
	2,000		\$ 32.	.78	16.0%	\$	27.63	12.4%	\$	5.15	3.6%
Average Customer	2,833		\$ 45.	.10	16.0%	\$	35.90	11.7%	\$	9.19	4.3%
	5,000		\$ 77.	.13	16.0%	\$	57.41	10.9%	\$ 1	9.71	5.1%
	10,000		\$ 151.	.03	16.0%	\$	107.05	10.4%	\$ 43	8.99	5.6%
GS>50 to 4999 kW	15,000	55	\$ 395.	.68	25.9%	\$	167.70	9.8%	\$ 22	7.98	16.0%
	20,000	125	\$ 621.	.14	25.5%	\$	283.95	10.4%	\$ 33	7.19	15.2%
	50,000	250	\$ 1,110.	.41	20.0%	\$	610.95	9.8%	\$ 49	9.47	10.2%
Average Customer	133,770	376	\$ 1,823.	.73	14.6%	\$	1,243.88	9.0%	\$ 57	9.86	5.6%
	250,000	450	\$ 2,518.	.34	11.8%	\$	1,995.42	8.5%	\$ 52	2.91	3.3%
Unmetered Scattered Load - Avg Customer	600	1	\$ (28.	.25)	-45.3%	\$	11.48	17.2%	\$ (3	9.73)	-62.5%
Street Lighting - Avg Customer	25	1	\$ 40.	.75	898.0%	\$	19.44	170.3%	\$ 2	1.31	727.7%
Sentinel	25	1	\$ 26.	.61	523.8%	\$	0.85	10.8%	\$ 2	5.76	513.0%

#### Residential 100

kWh Consumption

			2009 Bil			2010 Bill		IMPACT			
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	100	0.0102	1.02	100	0.0136	1.36	0.34	33.3%	1.3%	
Sub-Total				11.25			14.66	3.41	30.3%	13.0%	
Regulatory Asset Recovery	kWh	100		0.00	100	0.0033	0.33	0.33		1.2%	
Low Voltage Charge	kWh	103	0.0012	0.12	106	0.0029	0.31	0.19	151.6%	0.7%	
Retail Transmission - Network	kWh	103	0.0047	0.48	106	0.0055	0.58	0.10	19.8%	0.4%	
Retail Transmission - Line and Transformation	kWh	103	0.0080	0.82	106	0.0013	0.14	(0.68)	-82.8%	-2.6%	
Wholesale Market Service	kWh	103	0.0052	0.53	106	0.0052	0.55	0.02	2.9%	0.1%	
Rural Rate Protection Charge	kWh	103	0.0013	0.13	106	0.0013	0.14	0.00	2.9%	0.0%	
Debt Retirement Charge	kWh	100	0.0070	0.70	100	0.0070	0.70	0.00	0.0%	0.0%	
Cost of Power Commodity	kWh	103	0.0560	5.74	106	0.0560	5.91	0.17	2.9%	0.6%	
Taxes			0.0800	1.57		0.1300	2.99	1.42	90.1%	5.4%	
Total Bill				21.36			26.31	4.95	23.2%	18.8%	

#### Residential 250

#### kWh Consumption

			2009 Bil			2010 Bill		IMPACT			
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	250	0.0102	2.55	250	0.0136	3.40	0.85	33.3%	3.2%	
Sub-Total				12.78			16.70	3.92	30.7%	14.9%	
Regulatory Asset Recovery	kWh	250		0.00	250	0.0033	0.82	0.82		3.1%	
Low Voltage Charge	kWh	256	0.0012	0.31	264	0.0029	0.77	0.47	151.6%	1.8%	
Retail Transmission - Network	kWh	256	0.0047	1.20	264	0.0055	1.44	0.24	19.8%	0.9%	
Retail Transmission - Line and Transformation	kWh	256	0.0080	2.05	264	0.0013	0.35	(1.70)	-82.8%	-6.5%	
Wholesale Market Service	kWh	256	0.0052	1.33	264	0.0052	1.37	0.04	2.9%	0.1%	
Rural Rate Protection Charge	kWh	256	0.0013	0.33	264	0.0013	0.34	0.01	2.9%	0.0%	
Debt Retirement Charge	kWh	256	0.0070	1.79	264	0.0070	1.85	0.05	2.9%	0.2%	
Cost of Power Commodity	kWh	256	0.0560	14.36	264	0.0560	14.78	0.42	2.9%	1.6%	
Taxes			0.0800	2.71		0.1300	4.89	2.19	80.7%	8.3%	
Total Bill				36.87			43.32	6.45	17.5%	24.5%	

#### <u>Residential</u> 500

kWh Consumption

			2009 Bill			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	500	0.0102	5.10	500	0.0136	6.80	1.70	33.3%	6.5%
Sub-Total				15.33			20.10	4.77	31.1%	18.1%
Regulatory Asset Recovery	kWh	500		0.00	500	0.0033	1.63	1.63		6.2%
Low Voltage Charge	kWh	513	0.0012	0.62	528	0.0029	1.55	0.93	151.6%	3.5%
Retail Transmission - Network	kWh	513	0.0047	2.41	528	0.0055	2.89	0.48	19.8%	1.8%
Retail Transmission - Line and Transformation	kWh	513	0.0080	4.10	528	0.0013	0.71	(3.40)	-82.8%	-12.9%
Wholesale Market Service	kWh	513	0.0052	2.67	528	0.0052	2.74	0.08	2.9%	0.3%
Rural Rate Protection Charge	kWh	513	0.0013	0.67	528	0.0013	0.69	0.02	2.9%	0.1%
Debt Retirement Charge	kWh	513	0.0070	3.59	528	0.0070	3.69	0.10	2.9%	0.4%
Cost of Power Commodity	kWh	513	0.0560	28.71	528	0.0560	29.55	0.84	2.9%	3.2%
Taxes			0.0800	4.60		0.1300	8.06	3.46	75.3%	13.2%
Total Bill				62.69			71.61	8.92	14.2%	33.9%

#### Residential 723

kWh Consumption

			2009 Bill			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	723	0.0102	7.37	723	0.0136	9.83	2.46	33.3%	9.3%
Sub-Total				17.60			23.13	5.53	31.4%	21.0%
Regulatory Asset Recovery	kWh	723		0.00	723	0.0033	2.36	2.36		9.0%
Low Voltage Charge	kWh	741	0.0012	0.89	763	0.0029	2.24	1.35	151.6%	5.1%
Retail Transmission - Network	kWh	741	0.0047	3.48	763	0.0055	4.17	0.69	19.8%	2.6%
Retail Transmission - Line and Transformation	kWh	741	0.0080	5.93	763	0.0013	1.02	(4.91)	-82.8%	-18.7%
Wholesale Market Service	kWh	741	0.0052	3.86	763	0.0052	3.97	0.11	2.9%	0.4%
Rural Rate Protection Charge	kWh	741	0.0013	0.96	763	0.0013	0.99	0.03	2.9%	0.1%
Debt Retirement Charge	kWh	741	0.0070	5.19	763	0.0070	5.34	0.15	2.9%	0.6%
Cost of Power Commodity	kWh	741	0.0560	41.52	763	0.0560	42.73	1.21	2.9%	4.6%
Taxes			0.0800	6.28		0.1300	10.88	4.60	73.2%	17.5%
Total Bill				85.72			96.85	11.12	13.0%	42.3%

Residential 1,000

			2009 Bil			2010 Bill		IMPACT			
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total	
	wetric	volume	\$	\$	volume	\$	\$	\$	%	Bill	
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	1,000	0.0102	10.20	1,000	0.0136	13.60	3.40	33.3%	12.9%	
Sub-Total				20.43			26.90	6.47	31.7%	24.6%	
Regulatory Asset Recovery	kWh	1,000		0.00	1,000	0.0033	3.27	3.27		12.4%	
Low Voltage Charge	kWh	1,026	0.0012	1.23	1,055	0.0029	3.10	1.87	151.6%	7.1%	
Retail Transmission - Network	kWh	1,026	0.0047	4.82	1,055	0.0055	5.77	0.95	19.8%	3.6%	
Retail Transmission - Line and Transformation	kWh	1,026	0.0080	8.20	1,055	0.0013	1.41	(6.79)	-82.8%	-25.8%	
Wholesale Market Service	kWh	1,026	0.0052	5.33	1,055	0.0052	5.49	0.16	2.9%	0.6%	
Rural Rate Protection Charge	kWh	1,026	0.0013	1.33	1,055	0.0013	1.37	0.04	2.9%	0.1%	
Debt Retirement Charge	kWh	1,026	0.0070	7.18	1,055	0.0070	7.39	0.21	2.9%	0.8%	
Cost of Power Commodity	kWh	1,026	0.0560	57.43	1,055	0.0560	59.10	1.67	2.9%	6.4%	
Taxes			0.0800	8.38		0.1300	14.39	6.01	71.8%	22.9%	
Total Bill				114.33			128.19	13.86	12.1%	52.7%	

Residential 1,500

kWh Consumption

			2009 Bil			2010 Bill		IMPACT			
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	1,500	0.0102	15.30	1,500	0.0136	20.39	5.09	33.3%	19.4%	
Sub-Total				25.53			33.70	8.17	32.0%	31.1%	
Regulatory Asset Recovery	kWh	1,500		0.00	1,500	0.0033	4.90	4.90		18.6%	
Low Voltage Charge	kWh	1,538	0.0012	1.85	1,583	0.0029	4.65	2.80	151.6%	10.6%	
Retail Transmission - Network	kWh	1,538	0.0047	7.23	1,583	0.0055	8.66	1.43	19.8%	5.4%	
Retail Transmission - Line and Transformation	kWh	1,538	0.0080	12.31	1,583	0.0013	2.12	(10.19)	-82.8%	-38.7%	
Wholesale Market Service	kWh	1,538	0.0052	8.00	1,583	0.0052	8.23	0.23	2.9%	0.9%	
Rural Rate Protection Charge	kWh	1,538	0.0013	2.00	1,583	0.0013	2.06	0.06	2.9%	0.2%	
Debt Retirement Charge	kWh	1,538	0.0070	10.77	1,583	0.0070	11.08	0.31	2.9%	1.2%	
Cost of Power Commodity	kWh	1,538	0.0560	86.14	1,583	0.0560	88.65	2.51	2.9%	9.5%	
Taxes			0.0800	12.16		0.1300	20.72	8.56	70.4%	32.6%	
Total Bill				165.98			184.77	18.79	11.3%	71.4%	

Residential 2,000

kWh Consumption

			2009 Bil			2010 Bill		IMPACT			
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total	
	Weth	Volume	\$	\$	volume	\$	\$	\$	%	Bill	
Monthly Service Charge				9.23			12.30	3.07	33.3%	11.7%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	2,000	0.0102	20.40	2,000	0.0136	27.19	6.79	33.3%	25.8%	
Sub-Total				30.63			40.50	9.87	32.2%	37.5%	
Regulatory Asset Recovery	kWh	2,000		0.00	2,000	0.0033	6.54	6.54		24.8%	
Low Voltage Charge	kWh	2,051	0.0012	2.46	2,111	0.0029	6.19	3.73	151.6%	14.2%	
Retail Transmission - Network	kWh	2,051	0.0047	9.64	2,111	0.0055	11.55	1.91	19.8%	7.2%	
Retail Transmission - Line and Transformation	kWh	2,051	0.0080	16.41	2,111	0.0013	2.83	(13.58)	-82.8%	-51.6%	
Wholesale Market Service	kWh	2,051	0.0052	10.67	2,111	0.0052	10.98	0.31	2.9%	1.2%	
Rural Rate Protection Charge	kWh	2,051	0.0013	2.67	2,111	0.0013	2.74	0.08	2.9%	0.3%	
Debt Retirement Charge	kWh	2,051	0.0070	14.36	2,111	0.0070	14.78	0.42	2.9%	1.6%	
Cost of Power Commodity	kWh	2,051	0.0560	114.86	2,111	0.0560	118.20	3.35	2.9%	12.7%	
Taxes			0.0800	15.94		0.1300	27.05	11.12	69.7%	42.3%	
Total Bill				217.62			241.35	23.73	10.9%	90.2%	

<u>GS <50</u> 1,000

kWh Consumption

			2009 Bil			2010 Bill			IMPACT	
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
	WEUTC	Volume	\$\$	Volume	\$	\$	\$	%	Bill	
Monthly Service Charge				18.13			24.17	6.04	33.3%	38.3%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	1,000	0.0098	9.82	1,000	0.0131	13.10	3.27	33.3%	20.7%
Sub-Total				28.95			38.26	9.31	32.1%	59.0%
Regulatory Asset Recovery	kWh	1,000		0.00	1,000	0.0033	3.27	3.27		20.7%
Low Voltage Charge	kWh	1,026	0.0012	1.21	1,055	0.0024	2.52	1.32	109.3%	5.0%
Retail Transmission - Network	kWh	1,026	0.0042	4.31	1,055	0.0049	5.22	0.91	21.1%	5.8%
Retail Transmission - Line and Transformation	kWh	1,026	0.0071	7.28	1,055	0.0012	1.27	(6.01)	-82.5%	-38.1%
Wholesale Market Service	kWh	1,026	0.0052	5.33	1,055	0.0052	5.49	0.16	2.9%	1.0%
Rural Rate Protection Charge	kWh	1,026	0.0013	1.33	1,055	0.0013	1.37	0.04	2.9%	0.2%
Debt Retirement Charge	kWh	1,026	0.0070	7.18	1,055	0.0070	7.39	0.21	2.9%	1.3%
Cost of Power Commodity	kWh	1,026	0.0560	57.43	1,055	0.0560	59.10	1.67	2.9%	10.6%
Taxes			0.0800	8.95		0.1300	15.78	6.83	76.4%	26.0%
Total Bill				121.97			139.67	17.71	14.5%	67.3%

<u>GS <50</u> 2,000

Г

2009 Bill	2010 Bill	IMPACT

	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
			\$	\$		\$	\$	\$	%	Bill
Monthly Service Charge				18.13			24.17	6.04	33.3%	21.3%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	2,000	0.0098	19.65	2,000	0.0131	26.19	6.54	33.3%	23.1%
Sub-Total				38.78			51.36	12.58	32.4%	44.5%
Regulatory Asset Recovery	kWh	2,000		0.00	2,000	0.0033	6.53	6.53		41.4%
Low Voltage Charge	kWh	2,051	0.0012	2.41	2,111	0.0024	5.05	2.64	109.3%	10.0%
Retail Transmission - Network	kWh	2,051	0.0042	8.61	2,111	0.0049	10.44	1.82	21.1%	11.5%
Retail Transmission - Line and Transformation	kWh	2,051	0.0071	14.56	2,111	0.0012	2.54	(12.02)	-82.5%	-76.2%
Wholesale Market Service	kWh	2,051	0.0052	10.67	2,111	0.0052	10.98	0.31	2.9%	2.0%
Rural Rate Protection Charge	kWh	2,051	0.0013	2.67	2,111	0.0013	2.74	0.08	2.9%	0.5%
Debt Retirement Charge	kWh	2,051	0.0070	14.36	2,111	0.0070	14.78	0.42	2.9%	2.7%
Cost of Power Commodity	kWh	2,051	0.0560	114.86	2,111	0.0560	118.20	3.35	2.9%	21.2%
Taxes			0.0800	16.36		0.1300	28.28	11.92	72.9%	45.3%
Total Bill				223.27			250.90	27.63	12.4%	105.0%

<u>GS <50</u> 2,833

kWh Consumption

			2009 Bill			2010 Bill		IMPACT			
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill	
Monthly Service Charge				18.13			24.17	6.04	33.3%	15.6%	
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%	
Distribution	kWh	2,833	0.0098	27.83	2,833	0.0131	37.10	9.27	33.3%	23.9%	
Sub-Total				46.96			62.27	15.30	32.6%	39.5%	
Regulatory Asset Recovery	kWh	2,833		0.00	2,833	0.0033	9.25	9.25		58.7%	
Low Voltage Charge	kWh	2,905	0.0012	3.42	2,990	0.0024	7.15	3.73	109.3%	14.2%	
Retail Transmission - Network	kWh	2,905	0.0042	12.20	2,990	0.0049	14.78	2.58	21.1%	16.4%	
Retail Transmission - Line and Transformation	kWh	2,905	0.0071	20.63	2,990	0.0012	3.60	(17.03)	-82.5%	-107.9%	
Wholesale Market Service	kWh	2,905	0.0052	15.11	2,990	0.0052	15.55	0.44	2.9%	2.8%	
Rural Rate Protection Charge	kWh	2,905	0.0013	3.78	2,990	0.0013	3.89	0.11	2.9%	0.7%	
Debt Retirement Charge	kWh	2,905	0.0070	20.34	2,990	0.0070	20.93	0.59	2.9%	3.8%	
Cost of Power Commodity	kWh	2,905	0.0560	162.69	2,990	0.0560	167.44	4.74	2.9%	30.1%	
Taxes			0.0800	22.54		0.1300	38.70	16.17	71.7%	61.5%	
Total Bill				307.66			343.56	35.90	11.7%	136.5%	

<u>GS <50</u> 5,000

kWh Consumption

			2009 Bill			2010 Bill			IMPACT	
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
	Wethic	volume	<b>*</b> \$	\$	volume	\$	\$	\$	%	Bill
Monthly Service Charge				18.13			24.17	6.04	33.3%	9.2%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	5,000	0.0098	49.12	5,000	0.0131	65.48	16.36	33.3%	24.9%
Sub-Total				68.25			90.64	22.39	32.8%	34.0%
Regulatory Asset Recovery	kWh	5,000		0.00	5,000	0.0033	16.33	16.33		103.5%
Low Voltage Charge	kWh	5,128	0.0012	6.03	5,277	0.0024	12.62	6.59	109.3%	25.1%
Retail Transmission - Network	kWh	5,128	0.0042	21.54	5,277	0.0049	26.09	4.55	21.1%	28.9%
Retail Transmission - Line and Transformation	kWh	5,128	0.0071	36.41	5,277	0.0012	6.36	(30.05)	-82.5%	-190.4%
Wholesale Market Service	kWh	5,128	0.0052	26.66	5,277	0.0052	27.44	0.78	2.9%	4.9%
Rural Rate Protection Charge	kWh	5,128	0.0013	6.67	5,277	0.0013	6.86	0.19	2.9%	1.2%
Debt Retirement Charge	kWh	5,128	0.0070	35.89	5,277	0.0070	36.94	1.05	2.9%	6.6%
Cost of Power Commodity	kWh	5,128	0.0560	287.14	5,277	0.0560	295.51	8.37	2.9%	53.1%
Taxes			0.0800	38.60		0.1300	65.80	27.20	70.5%	103.4%
Total Bill				527.19			584.60	57.41	10.9%	218.3%

## <u>GS <50</u> 10,000

kWh Consumption

			2009 Bil			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				18.13			24.17	6.04	33.3%	4.7%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kWh	10,000	0.0098	98.24	10,000	0.0131	130.95	32.71	33.3%	25.5%
Sub-Total				117.37			156.12	38.75	33.0%	30.2%
Regulatory Asset Recovery	kWh	10,000		0.00	10,000	0.0033	32.67	32.67		207.0%
Low Voltage Charge	kWh	10,255	0.0012	12.06	10,554	0.0024	25.24	13.18	109.3%	50.1%
Retail Transmission - Network	kWh	10,255	0.0042	43.07	10,554	0.0049	52.18	9.11	21.1%	57.7%
Retail Transmission - Line and Transformation	kWh	10,255	0.0071	72.81	10,554	0.0012	12.71	(60.10)	-82.5%	-380.9%
Wholesale Market Service	kWh	10,255	0.0052	53.33	10,554	0.0052	54.88	1.55	2.9%	9.9%
Rural Rate Protection Charge	kWh	10,255	0.0013	13.33	10,554	0.0013	13.72	0.39	2.9%	2.5%
Debt Retirement Charge	kWh	10,255	0.0070	71.79	10,554	0.0070	73.88	2.09	2.9%	13.3%
Cost of Power Commodity	kWh	10,255	0.0560	574.28	10,554	0.0560	591.02	16.74	2.9%	106.1%
Taxes			0.0800	75.68		0.1300	128.33	52.66	69.6%	200.2%
Total Bill				1,033.71			1,140.76	107.05	10.4%	406.9%

## <u>GS>50 to 4999 kW</u> 55 15,000

kW Consumption kWh Consumption

		2009 Bi	I		2010 Bill		IMPACT			
Metric	letric Volume	Rate Cha		Charge	Volume	Rate	Charge	Change	Change	% of Total
Wethe	volume	\$	\$	volume	\$	\$	\$	%	Bill	

Monthly Service Charge				31.84			42.44	10.60	33.3%	5.1%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kW	55	3.4763	191.19	55	4.6338	254.86	63.67	33.3%	30.6%
Sub-Total				224.03			298.30	74.27	33.2%	35.7%
Regulatory Asset Recovery	kW	55		0.00	55	1.0997	60.48	60.48		29.1%
Low Voltage Charge	kWh	56	0.5435	30.66	58	1.1053	64.16	33.50	109.3%	127.4%
Retail Transmission - Network	kW	56	1.7320	97.69	58	2.0270	117.66	19.97	20.4%	9.6%
Retail Transmission - Line and Transformation	kW	56	2.8421	160.30	58	0.4787	27.79	(132.51)	-82.7%	-63.8%
Wholesale Market Service	kWh	15,383	0.0052	79.99	15,831	0.0052	82.32	2.33	2.9%	1.1%
Rural Rate Protection Charge	kWh	15,383	0.0013	20.00	15,831	0.0013	20.58	0.58	2.9%	0.3%
Debt Retirement Charge	kWh	15,000	0.0070	105.00	15,000	0.0070	105.00	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	15,383	0.0560	861.42	15,831	0.0560	886.54	25.12	2.9%	12.1%
Taxes			0.0800	123.87		0.1300	207.83	83.95	67.8%	319.2%
Total Bill				1,702.96			1,870.66	167.70	9.8%	637.5%

## <u>GS>50 to 4999 kW</u> 125 20,000

kW Consumption kWh Consumption

kWh	Cor

			2009 Bi			2010 Bill		IMPACT		
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
	wetric	volume	volulile \$	\$	volume	\$	\$	\$	%	Bill
Monthly Service Charge				31.84			42.44	10.60	33.3%	3.2%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kW	125	3.4763	434.53	125	4.6338	579.23	144.70	33.3%	43.7%
Sub-Total				467.37			622.67	155.30	33.2%	46.8%
Regulatory Asset Recovery	kW	125		0.00	125	1.0997	137.47	137.47		66.1%
Low Voltage Charge	kWh	128	0.5435	69.68	132	1.1053	145.82	76.14	109.3%	289.4%
Retail Transmission - Network	kW	128	1.7320	222.02	132	2.0270	267.41	45.39	20.4%	21.8%
Retail Transmission - Line and Transformation	kW	128	2.8421	364.32	132	0.4787	63.16	(301.16)	-82.7%	-144.9%
Wholesale Market Service	kWh	20,510	0.0052	106.65	21,108	0.0052	109.76	3.11	2.9%	1.5%
Rural Rate Protection Charge	kWh	20,510	0.0013	26.66	21,108	0.0013	27.44	0.78	2.9%	0.4%
Debt Retirement Charge	kWh	20,000	0.0070	140.00	20,000	0.0070	140.00	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	20,510	0.0560	1,148.56	21,108	0.0560	1,182.05	33.49	2.9%	16.1%
Taxes			0.0800	198.05		0.1300	331.49	133.45	67.4%	507.3%
Total Bill				2,743.31			3,027.26	283.95	10.4%	1079.5%

# <u>GS>50 to 4999 kW</u> 250 50,000

kW Consumption kWh Consumption

			2009 Bil	l		2010 Bill			IMPACT	
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
	Wethic	volume	\$	\$	volume	\$	\$	\$	%	Bill
Monthly Service Charge				31.84			42.44	10.60	33.3%	1.4%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kW	250	3.4763	869.06	250	4.6338	1,158.46	289.40	33.3%	38.5%
Sub-Total				901.90			1,201.91	300.00	33.3%	39.9%
Regulatory Asset Recovery	kW	250		0.00	250	1.0997	274.93	274.93		132.3%
Low Voltage Charge	kWh	256	0.5435	139.35	264	1.1053	291.63	152.28	109.3%	578.9%
Retail Transmission - Network	kW	256	1.7320	444.04	264	2.0270	534.82	90.77	20.4%	43.7%
Retail Transmission - Line and Transformation	kW	256	2.8421	728.64	264	0.4787	126.31	(602.33)	-82.7%	-289.8%
Wholesale Market Service	kWh	51,275	0.0052	266.63	52,770	0.0052	274.40	7.77	2.9%	3.7%
Rural Rate Protection Charge	kWh	51,275	0.0013	66.66	52,770	0.0013	68.60	1.94	2.9%	0.9%
Debt Retirement Charge	kWh	50,000	0.0070	350.00	50,000	0.0070	350.00	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	51,275	0.0560	2,871.40	52,770	0.0560	2,955.12	83.72	2.9%	40.3%
Taxes			0.0800	450.34		0.1300	752.19	301.85	67.0%	1147.5%
Total Bill				6,218.97			6,829.91	610.95	9.8%	2322.5%

## <u>GS>50 to 4999 kW</u> 376 133,770

kW Consumption kWh Consumption

			2009 Bi			2010 Bill			IMPACT	
	Metric	Volume	Rate	Charge	Volume	Rate	Charge	Change	Change	% of Total
	wetric	volume	\$	\$	\$	\$	\$	\$	%	Bill
Monthly Service Charge				31.84			42.44	10.60	33.3%	0.6%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kW	376	3.4763	1,307.07	376	4.6338	1,742.33	435.26	33.3%	25.8%
Sub-Total				1,339.91			1,785.77	445.86	33.3%	26.5%
Regulatory Asset Recovery	kW	376		0.00	376	1.0997	413.49	413.49		199.0%
Low Voltage Charge	kWh	386	0.5435	209.58	397	1.1053	438.61	229.03	109.3%	870.7%
Retail Transmission - Network	kW	386	1.7320	667.84	397	2.0270	804.36	136.53	20.4%	65.7%
Retail Transmission - Line and Transformation	kW	386	2.8421	1,095.88	397	0.4787	189.98	(905.90)	-82.7%	-435.9%
Wholesale Market Service	kWh	137,181	0.0052	713.34	141,181	0.0052	734.14	20.80	2.9%	10.0%
Rural Rate Protection Charge	kWh	137,181	0.0013	178.34	141,181	0.0013	183.54	5.20	2.9%	2.5%
Debt Retirement Charge	kWh	133,770	0.0070	936.39	133,770	0.0070	936.39	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	137,181	0.0560	7,682.14	141,181	0.0560	7,906.13	223.98	2.9%	107.8%
Taxes			0.0800	1,009.11		0.1300	1,683.99	674.89	66.9%	2565.6%
Total Bill				13,832.53			15,076.41	1,243.88	9.0%	4728.6%

Г

GS>50 to 4999 kW	
450	kW Consumption
250,000	kWh Consumption

2009 Bill	2010 Bill	IMPACT

		Malana	Rate	Charge	Malaria	Rate	Charge	Change	Change	% of Total
	Metric	Volume	\$	\$	Volume	\$	\$	\$	%	Bill
Monthly Service Charge				31.84			42.44	10.60	33.3%	0.4%
Smart Meter Fixed Charge				1.00			1.00	0.00	0.0%	0.0%
Distribution	kW	450	3.4763	1,564.32	450	4.6338	2,085.23	520.92	33.3%	18.2%
Sub-Total				1,597.16			2,128.68	531.52	33.3%	18.5%
Regulatory Asset Recovery	kW	450		0.00	450	1.0997	494.87	494.87		238.1%
Low Voltage Charge	kWh	461	0.5435	250.83	475	1.1053	524.94	274.11	109.3%	1042.0%
Retail Transmission - Network	kW	461	1.7320	799.27	475	2.0270	962.67	163.39	20.4%	78.6%
Retail Transmission - Line and Transformation	kW	461	2.8421	1,311.56	475	0.4787	227.37	(1,084.19)	-82.7%	-521.7%
Wholesale Market Service	kWh	256,375	0.0052	1,333.15	263,850	0.0052	1,372.02	38.87	2.9%	18.7%
Rural Rate Protection Charge	kWh	256,375	0.0013	333.29	263,850	0.0013	343.01	9.72	2.9%	4.7%
Debt Retirement Charge	kWh	250,000	0.0070	1,750.00	250,000	0.0070	1,750.00	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	256,375	0.0560	14,357.00	263,850	0.0560	14,775.60	418.60	2.9%	201.4%
Taxes			0.0800	1,718.51		0.1300	2,867.05	1,148.53	66.8%	4366.2%
Total Bill				23,450.77			25,446.19	1,995.42	8.5%	7585.7%

# <u>Street Light</u> 1 25

kW Consumption kWh Consumption

			2009 Bil			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				0.12			0.21	0.09	74.8%	2.6%
Distribution	kW	1	0.1803	0.14	1	21.6340	16.23	16.09	11901.7%	463.4%
Sub-Total				0.26			16.44	16.18	6340.3%	466.0%
Regulatory Asset Recovery	kW	1	0.0000	0.00	1	1.1609	0.87	0.87		25.1%
Low Voltage Charge	kWh	1	0.3997	0.31	1	0.8602	0.68	0.37	121.5%	1.4%
Retail Transmission - Network	kW	1	1.4532	1.12	1	1.5287	1.21	0.09	8.3%	2.7%
Retail Transmission - Line and Transformation	kW	1	1.3824	1.06	1	0.3701	0.29	(0.77)	-72.4%	-22.2%
Wholesale Market Service	kWh	26	0.0052	0.13	26	0.0052	0.14	0.00	2.9%	0.1%
Rural Rate Protection Charge	kWh	26	0.0013	0.03	26	0.0013	0.03	0.00	2.9%	0.0%
Debt Retirement Charge	kWh	25	0.2500	6.25	25	0.2500	6.25	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	26	0.0560	1.44	26	0.0560	1.48	0.04	2.9%	1.2%
Taxes			0.0800	0.82		0.1300	3.47	2.65	321.8%	10.1%
Total Bill				11.42			30.86	19.44	170.3%	73.9%

# <u>Sentinel</u> 0.75 25

kW Consumption kWh Consumption

			2009 Bill			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				0.21			0.28	0.07	33.3%	11.1%
Distribution	kW	1	0.4055	0.30	1	0.5405	0.41	0.10	33.3%	16.0%
Sub-Total				0.51			0.69	0.17	33.3%	27.1%
Regulatory Asset Recovery	kW	1		0.00	1	1.1190	0.84	0.84		132.7%
Low Voltage Charge	kWh	1	0.6884	0.53	1	1.4814	1.17	0.64	121.5%	2.4%
Retail Transmission - Network	kW	1	1.3129	1.01	1	1.5366	1.22	0.21	20.4%	32.7%
Retail Transmission - Line and Transformation	kW	1	2.2431	1.73	1	0.3778	0.30	(1.43)	-82.7%	-225.5%
Wholesale Market Service	kWh	26	0.0052	0.13	26	0.0052	0.14	0.00	2.9%	0.6%
Rural Rate Protection Charge	kWh	26	0.0013	0.03	26	0.0013	0.03	0.00	2.9%	0.2%
Debt Retirement Charge	kWh	25	0.0070	0.18	25	0.0070	0.18	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	26	0.0560	1.44	26	0.0560	1.48	0.04	2.9%	6.6%
Taxes			0.0800	0.40		0.1300	0.63	0.23	57.2%	0.9%
Total Bill				5.96			6.67	0.71	11.9%	2.7%

<u>Sentinel</u> 0.75 50

kW Consumption kWh Consumption

			2009 Bil			2010 Bill			IMPACT	
	Metric	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				0.21			0.28	0.07	33.3%	8.0%
Distribution	kW	1	0.4055	0.30	1	0.5405	0.41	0.10	33.3%	11.6%
Sub-Total				0.51			0.69	0.17	33.3%	19.7%
Regulatory Asset Recovery	kW	1		0.00	1	1.1190	0.84	0.84		132.7%
Low Voltage Charge	kWh	1	0.6884	0.53	1	1.4814	1.17	0.64	121.5%	2.4%
Retail Transmission - Network	kW	1	1.3129	1.01	1	1.5366	1.22	0.21	20.4%	32.7%
Retail Transmission - Line and Transformation	kW	1	2.2431	1.73	1	0.3778	0.30	(1.43)	-82.7%	-225.5%
Wholesale Market Service	kWh	51	0.0052	0.27	53	0.0052	0.27	0.01	2.9%	1.2%
Rural Rate Protection Charge	kWh	51	0.0013	0.07	53	0.0013	0.07	0.00	2.9%	0.3%
Debt Retirement Charge	kWh	50	0.0070	0.35	50	0.0070	0.35	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	51	0.0560	2.87	53	0.0560	2.96	0.08	2.9%	13.2%
Taxes			0.0800	0.54		0.1300	0.87	0.33	59.7%	1.2%
Total Bill				7.88			8.73	0.85	10.8%	3.2%

## Unmetered Scattered Load 1 600

kW Consumption	
kWh Consumption	

			2009 Bil			2010 Bill			IMPACT	
	Metric	Volume Rate		Charge	Volume	Rate	Charge	Change	Change	% of Total
	Wether	Volume	\$	\$	Volume	\$	\$	\$	%	Bill
Monthly Service Charge				9.07			12.09	3.02	33.3%	35.9%

Distribution	kWh	1	0.0033	1.99	1	0.0094	5.67	3.68	184.6%	43.7%
Sub-Total				11.06			17.76	6.70	60.5%	79.5%
Regulatory Asset Recovery	kW	1		0.00	1	0.0032	0.00	0.00		0.0%
Low Voltage Charge	kWh	600	0.0039	2.35	600	0.0084	5.05	2.70	115.2%	10.3%
Retail Transmission - Network	kW	1	1.3062	1.36	600	0.0049	2.97	1.60	117.8%	19.1%
Retail Transmission - Line and Transformation	kW	1	1.4282	1.49	600	0.0012	0.72	(0.77)	-51.5%	-9.1%
Wholesale Market Service	kWh	626	0.0052	3.25	626	0.0052	3.26	0.00	0.1%	0.0%
Rural Rate Protection Charge	kWh	626	0.0052	3.25	626	0.0013	0.81	(2.44)	-75.0%	-29.0%
Debt Retirement Charge	kWh	600	0.0070	4.20	600	0.0070	4.20	0.00	0.0%	0.0%
Cost of Power Commodity	kWh	626	0.0560	35.03	626	0.0560	35.06	0.03	0.1%	0.3%
Taxes			0.0800	4.77		0.1300	8.42	3.65	76.5%	13.9%
Total Bill				66.77			78.26	11.48	17.2%	43.7%