



October 21, 2009

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

Dear Kirsten:

Re: Norfolk Power Distribution Inc - Application for 2010 Electricity Distribution Rates EB-2009-0238

Norfolk Power Distribution Inc. ("NPDI") is pleased to submit to the Ontario Energy Board (the "Board") its 2010 electricity distribution rate application. In compliance with the OEB letter dated July 3rd, 2009 NPDI is filing its rate application as a 3rd Generation Incentive Rate (IRM) application which includes the continuation of a directive from a previous Board Decision for a Revenue Cost Ratio Adjustment. This application also includes an application for LRAM/SSM recovery and a Z Factor. NPDI regrets it was not able to file the application for the Z Factor by September 30th, as directed, due to anomalies discovered in its deferral and variance accounts. After consultation with Board Staff at that time, it was thought best to complete the application after the deferral and variance accounts were correctly completed. However, as directed by the Board's letter dated October 15th 2009, NPDI is submitting the application now and will update it as soon as the deferral and variance accounts are completed.

The filing requirements indicate that each application should include:

- A Manager's Summary documenting and explaining all rate adjustments applied for.
- A completed Rate Generator model with supplemental filing modules or work forms, provided by the Board, both in electronic (i.e. Excel) and PDF form.
- A copy of the current Tariff Sheet.
- A PDF copy of the facsimile tariff sheet generated by the Rate Generator.
- A PDF copy of the bill impacts generated by the Rate Generator.

The completed 2010 IRM3 models are attached along with the requested tariff sheet and bill impact information. The Manager's Summary for NPDI's 2010 rate application is attached to this letter. The information that is provided in the IRM3 models will not be repeated in the Manager's Summary in order to focus the Manager's Summary on the relevant items.

NPDI's 2010 electricity distribution rate application will be sent to you in the following form:

- (a) Electronic filing through the Board's web portal at www.errr.oeb.gov.on.ca, consisting of one (1) electronic copy of the application in searchable /unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the completed IRM3 models and one (1) electronic copy of the Manager's summary;
- (b) Two (2) paper copies of the application, the Manager's Summary and the IRM Model, along with a CD of the above (item (a)).

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

Yours truly,

A handwritten signature in black ink that reads "Brad Randall". The signature is written in a cursive style with a large, stylized initial "B".

Brad Randall, P.Eng.
President and CEO
Norfolk Power Distribution Inc.
Phone: 519-426-4574
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Norfolk Power Distribution Inc.

EB-2009-0238

MANAGER'S SUMMARY

October 21, 2009

Norfolk Power Distribution Inc ("NPDI") is a licensed electricity distributor (ED-2002-0521) that owns and operates electricity distribution systems that provide service to the County of Norfolk. NPDI charges its customers distribution rates and other charges as authorized by the Ontario Energy Board ("Board"). In this application NPDI is applying for rates and other charges effective May 1, 2010.

NPDI has adhered to the Board's directions in completing the Board approved IRM3 rate models and incorporated the necessary adjustment. This Manager's Summary will address the following items:

- Revenue to Coat Ratio Adjustment
- Smart Meter Adder
- Price Cap Adjustment
- K – Factor Adjustment
- Deferral and Variance Account Rider
- Retail Transmission Service Rates
- Current and Proposed Rates – Appendix A
- Customer Impacts – Appendix B
- LRAM/SSM – Exhibit 1
- Z Factor – Exhibit 2

Revenue to Cost Ratio

In order to implement the next phase of the directive from the Board's Decision for NPDI's 2008 cost of service application in regards to revenue to cost ratios, NPDI proposes the following Revenue to Cost ratios as determined by the Supplemental Model.

Rate Class	2009 Approved Revenue Cost Ratio	2010 Proposed Revenue Cost Ratio
Residential	103.4%	103.0%
General Service Less Than 50 kW	101.2%	101.2%
General Service 50 to 4,999 kW	92.4%	92.4%
Unmetered Scattered Load	100.7%	100.7%
Sentinel Lighting	58.5%	70.0%
Street Lighting	62.6%	70.0%

For 2010, NPDI proposed to increase the revenue to cost ratios for Street Lighting and Sentinel Lighting classes to reach the bottom of the Board's target range. As directed in the Board's Decision, the changes were made with an offsetting amount being applied to residential rates.

Smart Meter Adder

For 2010 rates, NPDI proposes to maintain the \$1.00 per meter per month as approved in its current rates.

Price Cap Adjustment

Under the 3rd Generation IRM plan, NPDI's electricity distribution rates for 2010 have been adjusted for three factors: a price escalator, a productivity factor and a

stretch factor. For the purposes of preparing the 2010 application, the Board expects NPDI to use a proxy for the price cap adjustment. The proxy is 1.18%. NPDI understands that when the final price adjustment factor is determined the Board will adjust the price cap adjustment assumed in the 2010 final rates.

K – Factor Adjustment

In the Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation for Ontario's Electricity Distributors, the Board determined that a common deemed capital structure of 40% equity and 60% debt would be used for rate-setting purpose. In 2010, the last year of transition, it is assumed NPDI's deemed capital structure will move from 43.3% equity and 56.7% debt to 40% equity and 60% debt. An adjustment factor of -0.35% is applied to the 2009 rates to address the change in deemed capital structure.

Deferral and Variance Account Rider

While completing the Deferral and Variance Account Workform, NPDI became aware of a number of inconsistencies in its record keeping regarding these amounts. A recent change in management has further exacerbated attempts to account for these inconsistencies. In order to rectify the situation NPDI has engaged Ian McKenzie Business Services Inc to reconstruct the deferral and variance account balances from January 1st 2005 to December 31st 2008. In the meantime NPDI has submitted the workform with this application but has not applied the rate riders calculated in the worksheet to the IRM3 Rate Generator Model as these amounts are expected to change. NPDI will update this application with the corrected workform as soon as possible. NPDI also wishes to note that on October 13th the Board's Regulatory Audit and Accounting Group notified NPDI that they will be conducting an audit review of its deferral and

variance accounts. Any changes that arise as a result of this audit will also be incorporated in an updated application and submitted to the Board.

Retail Transmission Rates

The Board's Revision to Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates ("RTSR's) were issued July 22, 2009. Based on the Decision and Rate Order of the Board (EB-2008-072), new Uniform Transmission Rates (UTR's) are effective July 1, 2009. The Guideline instructs distributors to adjust RTSR's in the same manner as the UTR's have been changed. An increase of 3.5% has been applied to the 2009 Network Service Rate and a decrease of 2.2% has been applied to the 2008 Line Transformation Connection Service Rate.

LRAM / SSM Recovery

NPDI has applied for implementation of an LRAM/SSM rate rider to recover amounts totaling \$210,957, including carrying charges of \$9,600. NPDI requests to recover the amounts by a volumetric rate rider over the period of one year beginning May 1 2010. The full LRAM/SSM application is submitted as Exhibit 1. The rate riders have been included in the Rate Generator Model and have been included in the attached customer impact analysis provided in Appendix A of this summary.

Z Factor

As part of this application NPDI has applied for the recovery of amounts recorded in Account 1572 related to severe storm damage which occurred in January 2007. NPDI requests the amounts be recovered by a volumetric rate rider over the period of one year, beginning May 1 2010. The rate riders have been included in the Rate Generator Model and have been included in the attached

customer impact analysis provided in Appendix A of this summary. The full Z Factor application is submitted as Exhibit 2.

Conclusion

A copy of the current tariff sheet, the proposed tariff sheet and the customer impacts are provided in Appendix A. In summary, the bill impact for a Residential customer in Norfolk County, with a monthly electricity consumption of 800 kWh, will be 1.9% or \$2.11 per month after GST. The bill impact for a General Service Less Than 50 kW customer with a monthly electricity consumption of 2,000 kWh, will be 1.0% or \$2.80 per month after GST.

Norfolk Power Distribution Inc. CURRENT TARIFF OF RATES AND CHARGES

CURRENT MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	22.02
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(0.02000)
Distribution Volumetric Rate	\$/kWh	0.0199
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	50.74
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(0.04000)
Distribution Volumetric Rate	\$/kWh	0.0146
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 50 to 4,999 kW

Service Charge	\$	245.37
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(0.21000)
Distribution Volumetric Rate	\$/kW	3.9228
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/kW	(0.00340)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8322
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7109
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge (per connection)	\$	1.85
Distribution Volumetric Rate	\$/kW	6.4893
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/kW	(0.00500)
Retail Transmission Rate – Network Service Rate	\$/kW	1.3819
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3227
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Sentinel Lighting

Service Charge (per connection)	\$	6.15
Distribution Volumetric Rate	\$/kW	15.4239
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/kW	(0.01090)
Retail Transmission Rate – Network Service Rate	\$/kW	1.3888
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3503
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge (per connection)	\$	26.55
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(0.02000)
Distribution Volumetric Rate	\$/kWh	0.0156
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

EB-2009-0238
Manager's Summary
Appendix A

CURRENT SPECIFIC SERVICE CHARGES

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	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
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)
	\$/kW	

Current Retail Service Charges (if applicable)

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

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		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0560
Total Loss Factor - Secondary Metered Customer > 5,000 kW	0.00
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0454
Total Loss Factor - Primary Metered Customer > 5,000 kW	0.00

Norfolk Power Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective May 1, 2010

EB-2009-0238

MONTHLY RATES AND CHARGES

Applied For Monthly Rates and Charges General

Residential

Service Charge	\$	20.94
Service Charge Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0199
Low Voltage Volumetric Rate	\$/kWh	0.0007
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh	(0.00020)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2011	\$/kWh	0.00120
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh	0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0048
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	50.15
Service Charge Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0146
Low Voltage Volumetric Rate	\$/kWh	0.0006
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh	(0.00020)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2011	\$/kWh	0.00000
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 50 to 4,999 kW

Service Charge	\$	246.39
Service Charge Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kW	3.9236
Low Voltage Volumetric Rate	\$/kW	0.2622
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW	(0.02440)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2011	\$/kW	0.10510
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW	0.0891
Retail Transmission Rate – Network Service Rate	\$/kW	1.8963
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6733
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge (per connection)	\$	1.87
Distribution Volumetric Rate	\$/kW	7.3081
Low Voltage Volumetric Rate	\$/kW	0.1999
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW	(0.07340)
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW	0.2453
Retail Transmission Rate – Network Service Rate	\$/kW	1.4303
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2936
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Sentinel Lighting

Service Charge (per connection)	\$	6.20
Distribution Volumetric Rate	\$/kW	18.7510
Low Voltage Volumetric Rate	\$/kW	0.2024
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW	(0.58320)
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW	0.8049
Retail Transmission Rate – Network Service Rate	\$/kW	1.4374
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3206
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge (per connection)	\$	26.77
Distribution Volumetric Rate	\$/kWh	0.0156
Low Voltage Volumetric Rate	\$/kWh	0.0006
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh	(0.00030)
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh	0.0010
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**EB-2009-0238
Manager's Summary
Appendix A**

Specific Service Charges

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	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
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)

Retail Service Charges (if applicable)

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

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		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0560
Total Loss Factor - Secondary Metered Customer > 5,000 kW	0.00
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0454
Total Loss Factor - Primary Metered Customer > 5,000 kW	0.00

**Manager's Summary
Appendix B
Customer Impact**

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	22.02	20.94
Service Charge Rate Adder(s)	\$	-	1.00
Service Charge Rate Rider(s)	\$	0.02	-
Distribution Volumetric Rate	\$/kWh	0.0199	0.0199
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	0.0007
Distribution Volumetric Rate Rider(s)	\$/kWh	-	0.0018
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049	0.0048
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	800	kWh	-	kW
RPP Tier One	600	kWh	Load Factor	

Loss Factor 1.0560

Residential	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0570	34.20	600	0.0570	34.20	0.00	0.0%	29.63%
Energy Second Tier (kWh)	245	0.0660	16.17	245	0.0660	16.17	0.00	0.0%	14.01%
Sub-Total: Energy			50.37			50.37	0.00	0.0%	43.63%
Service Charge	1	22.02	22.02	1	20.94	20.94	-1.08	(4.9)%	18.14%
Service Charge Rate Adder(s)	1	0.00	0.00	1	1.00	1.00	1.00	0.0%	0.87%
Distribution Volumetric Rate	800	0.0199	15.92	800	0.0199	15.92	0.00	0.0%	13.79%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0000	0.00	800	0.0007	0.56	0.56	0.0%	0.49%
Distribution Volumetric Rate Rider(s)	800	0.0000	0.00	800	0.0018	1.44	1.44	0.0%	1.25%
Total: Distribution			37.92			39.86	1.94	5.1%	34.53%
Retail Transmission Rate – Network Service Rate	845	0.0049	4.14	845	0.0051	4.31	0.17	4.1%	3.73%
Retail Transmission Rate – Line and Transformation Connection Service Rate	845	0.0049	4.14	845	0.0048	4.06	-0.08	(1.9)%	3.52%
Retail Transmission Rate – Low Voltage Volumetric Rate	845	0.0000	0.00	845	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			8.28			8.37	0.09	1.1%	7.25%
Sub-Total: Delivery (Distribution and Retail Transmission)			46.20			48.23	2.03	4.4%	41.78%
Wholesale Market Service Rate	845	0.0052	4.39	845	0.0052	4.39	0.00	0.0%	3.80%
Rural Rate Protection Charge	845	0.0013	1.10	845	0.0013	1.10	0.00	0.0%	0.95%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.22%
Sub-Total: Regulatory			5.74			5.74	0.00	0.0%	4.97%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.85%
Total Bill before Taxes			107.91			109.94	2.03	1.9%	95.24%
GST	107.91	5%	5.40	109.94	5%	5.50	0.10	1.9%	4.76%
Total Bill			113.31			115.44	2.13	1.9%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

Residential

	kWh	250	600	800	1,400	2,250
Loss Factor Adjusted kWh		264	634	845	1,479	2,376
	kW					
Load Factor						

Energy

Applied For Bill	\$ 15.05	\$ 36.44	\$ 50.37	\$ 92.21	\$ 151.42
Current Bill	\$ 15.05	\$ 36.44	\$ 50.37	\$ 92.21	\$ 151.42
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	29.3%	40.1%	43.6%	48.9%	51.8%

Distribution

Applied For Bill	\$ 27.52	\$ 35.36	\$ 39.84	\$ 53.26	\$ 72.27
Current Bill	\$ 26.97	\$ 33.94	\$ 37.92	\$ 49.86	\$ 66.77
\$ Impact	\$ 0.55	\$ 1.42	\$ 1.92	\$ 3.40	\$ 5.50
% Impact	2.0%	4.2%	5.1%	6.8%	8.2%
% of Total Bill	53.6%	38.9%	34.5%	28.2%	24.7%

Retail Transmission

Applied For Bill	\$ 2.62	\$ 6.27	\$ 8.37	\$ 14.64	\$ 23.52
Current Bill	\$ 2.58	\$ 6.22	\$ 8.28	\$ 14.50	\$ 23.28
\$ Impact	\$ 0.04	\$ 0.05	\$ 0.09	\$ 0.14	\$ 0.24
% Impact	1.6%	0.8%	1.1%	1.0%	1.0%
% of Total Bill	5.1%	6.9%	7.3%	7.8%	8.0%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 30.14	\$ 41.63	\$ 48.21	\$ 67.90	\$ 95.79
Current Bill	\$ 29.55	\$ 40.16	\$ 46.20	\$ 64.36	\$ 90.05
\$ Impact	\$ 0.59	\$ 1.47	\$ 2.01	\$ 3.54	\$ 5.74
% Impact	2.0%	3.7%	4.4%	5.5%	6.4%
% of Total Bill	58.7%	45.8%	41.8%	36.0%	32.7%

Regulatory

Applied For Bill	\$ 1.96	\$ 4.37	\$ 5.74	\$ 9.86	\$ 15.70
Current Bill	\$ 1.96	\$ 4.37	\$ 5.74	\$ 9.86	\$ 15.70
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.8%	4.8%	5.0%	5.2%	5.4%

Debt Retirement Charge

Applied For Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.4%	4.6%	4.9%	5.2%	5.4%

GST

Applied For Bill	\$ 2.45	\$ 4.33	\$ 5.50	\$ 8.99	\$ 13.93
Current Bill	\$ 2.42	\$ 4.26	\$ 5.40	\$ 8.81	\$ 13.65
\$ Impact	\$ 0.03	\$ 0.07	\$ 0.10	\$ 0.18	\$ 0.28
% Impact	1.2%	1.6%	1.9%	2.0%	2.1%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 51.35	\$ 90.97	\$ 115.42	\$ 188.76	\$ 292.59
Current Bill	\$ 50.73	\$ 89.43	\$ 113.31	\$ 185.04	\$ 286.57
\$ Impact	\$ 0.62	\$ 1.54	\$ 2.11	\$ 3.72	\$ 6.02
% Impact	1.2%	1.7%	1.9%	2.0%	2.1%

**Manager's Summary
Appendix B
Customer Impact**

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	50.74	50.15
Service Charge Rate Adder(s)	\$	-	1.00
Service Charge Rate Rider(s)	\$	0.04	-
Distribution Volumetric Rate	\$/kWh	0.0146	0.0146
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	0.0006
Distribution Volumetric Rate Rider(s)	\$/kWh	-	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0045	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043	0.0042
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000	kWh	-	kW
RPP Tier One	750	kWh	Load Factor	

Loss Factor 1.0560

General Service Less Than 50 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0570	42.75	750	0.0570	42.75	0.00	0.0%	15.55%
Energy Second Tier (kWh)	1,362	0.0660	89.89	1,362	0.0660	89.89	0.00	0.0%	32.70%
Sub-Total: Energy			132.64			132.64	0.00	0.0%	48.26%
Service Charge	1	50.74	50.74	1	50.15	50.15	-0.59	(1.2)%	18.25%
Service Charge Rate Adder(s)	1	0.00	0.00	1	1.00	1.00	1.00	0.0%	0.36%
Distribution Volumetric Rate	2,000	0.0146	29.20	2,000	0.0146	29.20	0.00	0.0%	10.62%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0006	1.20	1.20	0.0%	0.44%
Distribution Volumetric Rate Rider(s)	2,000	0.0000	0.00	2,000	0.0004	0.80	0.80	0.0%	0.29%
Total: Distribution			79.90			82.35	2.45	3.1%	29.96%
Retail Transmission Rate – Network Service Rate	2,112	0.0045	9.50	2,112	0.0047	9.93	0.43	4.5%	3.61%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,112	0.0043	9.08	2,112	0.0042	8.87	-0.21	(2.3)%	3.23%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,112	0.0000	0.00	2,112	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			18.58			18.80	0.22	1.2%	6.84%
Sub-Total: Delivery (Distribution and Retail Transmission)			98.48			101.15	2.67	2.7%	36.80%
Wholesale Market Service Rate	2,112	0.0052	10.98	2,112	0.0052	10.98	0.00	0.0%	3.99%
Rural Rate Protection Charge	2,112	0.0013	2.75	2,112	0.0013	2.75	0.00	0.0%	1.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
Sub-Total: Regulatory			13.98			13.98	0.00	0.0%	5.09%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.09%
Total Bill before Taxes			259.10			261.77	2.67	1.0%	95.24%
GST	259.10	5%	12.96	261.77	5%	13.09	0.13	1.0%	4.76%
Total Bill			272.06			274.86	2.80	1.0%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

General Service Less Than 50 kW

	kWh	1,000	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		1,056	2,112	7,920	15,840	21,120
kW						
Load Factor						

Energy

Applied For Bill	\$ 62.95	\$ 132.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
Current Bill	\$ 62.95	\$ 132.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	39.1%	48.3%	57.2%	59.1%	59.6%

Distribution

Applied For Bill	\$ 66.75	\$ 82.35	\$ 168.14	\$ 285.14	\$ 363.13
Current Bill	\$ 65.30	\$ 79.90	\$ 160.20	\$ 269.70	\$ 342.70
\$ Impact	\$ 1.45	\$ 2.45	\$ 7.94	\$ 15.44	\$ 20.43
% Impact	2.2%	3.1%	5.0%	5.7%	6.0%
% of Total Bill	41.5%	30.0%	18.6%	16.2%	15.6%

Retail Transmission

Applied For Bill	\$ 9.40	\$ 18.80	\$ 70.48	\$ 140.98	\$ 187.96
Current Bill	\$ 9.29	\$ 18.58	\$ 69.70	\$ 139.39	\$ 185.86
\$ Impact	\$ 0.11	\$ 0.22	\$ 0.78	\$ 1.59	\$ 2.10
% Impact	1.2%	1.2%	1.1%	1.1%	1.1%
% of Total Bill	5.8%	6.8%	7.8%	8.0%	8.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 76.15	\$ 101.15	\$ 238.62	\$ 426.12	\$ 551.09
Current Bill	\$ 74.59	\$ 98.48	\$ 229.90	\$ 409.09	\$ 528.56
\$ Impact	\$ 1.56	\$ 2.67	\$ 8.72	\$ 17.03	\$ 22.53
% Impact	2.1%	2.7%	3.8%	4.2%	4.3%
% of Total Bill	47.3%	36.8%	26.5%	24.3%	23.7%

Regulatory

Applied For Bill	\$ 7.11	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.53
Current Bill	\$ 7.11	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.53
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.4%	5.1%	5.7%	5.9%	5.9%

Debt Retirement Charge

Applied For Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
Current Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.4%	5.1%	5.8%	6.0%	6.0%

GST

Applied For Bill	\$ 7.66	\$ 13.09	\$ 42.94	\$ 83.65	\$ 110.79
Current Bill	\$ 7.58	\$ 12.96	\$ 42.51	\$ 82.80	\$ 109.66
\$ Impact	\$ 0.08	\$ 0.13	\$ 0.43	\$ 0.85	\$ 1.13
% Impact	1.1%	1.0%	1.0%	1.0%	1.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 160.87	\$ 274.86	\$ 901.76	\$ 1,756.67	\$ 2,326.58
Current Bill	\$ 159.23	\$ 272.06	\$ 892.61	\$ 1,738.79	\$ 2,302.92
\$ Impact	\$ 1.64	\$ 2.80	\$ 9.15	\$ 17.88	\$ 23.66
% Impact	1.0%	1.0%	1.0%	1.0%	1.0%

**Manager's Summary
Appendix B
Customer Impact**

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

General Service 50 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	245.37	246.39
Service Charge Rate Adder(s)	\$	-	1.00
Service Charge Rate Rider(s)	\$	0.21	-
Distribution Volumetric Rate	\$/kW	3.9228	3.9236
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	0.2622
Distribution Volumetric Rate Rider(s)	\$/kW	0.0034	0.1698
Retail Transmission Rate – Network Service Rate	\$/kW	1.8322	1.8963
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7109	1.6733
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	995,000	kWh	2,480	kW
RPP Tier One	750	kWh	Load Factor	55.0%

Loss Factor 1.0560

General Service 50 to 4,999 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0570	42.75	750	0.0570	42.75	0.00	0.0%	0.04%
Energy Second Tier (kWh)	1,049,970	0.0660	69,298.02	1,049,970	0.0660	69,298.02	0.00	0.0%	64.05%
Sub-Total: Energy			69,340.77			69,340.77	0.00	0.0%	64.09%
Service Charge	1	245.37	245.37	1	246.39	246.39	1.02	0.4%	0.23%
Service Charge Rate Adder(s)	1	0.00	0.00	1	1.00	1.00	1.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	3.9228	9,728.54	2,480	3.9236	9,730.53	1.99	0.0%	8.99%
Distribution Volumetric Rate Adder(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,480	0.0000	0.00	2,480	0.2622	650.26	650.26	0.0%	0.60%
Distribution Volumetric Rate Rider(s)	2,480	-0.0034	-8.43	2,480	0.1698	421.10	429.53	(5095.3)%	0.39%
Total: Distribution			9,965.27			11,049.28	1,084.01	10.9%	10.21%
Retail Transmission Rate – Network Service Rate	2,480	1.8322	4,543.86	2,480	1.8963	4,702.82	158.96	3.5%	4.35%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.7109	4,243.03	2,480	1.6733	4,149.78	-93.25	(2.2)%	3.84%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			8,786.89			8,852.60	65.71	0.7%	8.18%
Sub-Total: Delivery (Distribution and Retail Transmission)			18,752.16			19,901.88	1,149.72	6.1%	18.40%
Wholesale Market Service Rate	1,050,720	0.0052	5,463.74	1,050,720	0.0052	5,463.74	0.00	0.0%	5.05%
Rural Rate Protection Charge	1,050,720	0.0013	1,365.94	1,050,720	0.0013	1,365.94	0.00	0.0%	1.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			6,829.93			6,829.93	0.00	0.0%	6.31%
Debt Retirement Charge (DRC)	995,000	0.00700	6,965.00	995,000	0.00700	6,965.00	0.00	0.0%	6.44%
Total Bill before Taxes			101,887.86			103,037.58	1,149.72	1.1%	95.24%
GST	101,887.86	5%	5,094.39	103,037.58	5%	5,151.88	57.49	1.1%	4.76%
Total Bill			106,982.25			108,189.46	1,207.21	1.1%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

General Service 50 to 4,999 kW

	kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh		21,120	538,560	1,050,720	1,585,056	2,118,336
	kW	50	1,270	2,480	3,740	5,000
Load Factor		54.8%	55.0%	55.0%	55.0%	55.0%

Energy

Applied For Bill	\$ 1,387.17	\$ 35,538.21	\$ 69,340.77	\$ 104,606.95	\$ 139,803.43
Current Bill	\$ 1,387.17	\$ 35,538.21	\$ 69,340.77	\$ 104,606.95	\$ 139,803.43
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	57.2%	64.0%	64.1%	64.1%	64.2%

Distribution

Applied For Bill	\$ 465.17	\$ 5,779.02	\$ 11,049.33	\$ 16,537.40	\$ 22,025.48
Current Bill	\$ 441.13	\$ 5,222.80	\$ 9,965.27	\$ 14,903.71	\$ 19,842.16
\$ Impact	\$ 24.04	\$ 556.22	\$ 1,084.06	\$ 1,633.69	\$ 2,183.32
% Impact	5.4%	10.6%	10.9%	11.0%	11.0%
% of Total Bill	19.2%	10.4%	10.2%	10.1%	10.1%

Retail Transmission

Applied For Bill	\$ 178.48	\$ 4,533.39	\$ 8,852.60	\$ 13,350.30	\$ 17,848.00
Current Bill	\$ 177.15	\$ 4,499.73	\$ 8,786.89	\$ 13,251.20	\$ 17,715.50
\$ Impact	\$ 1.33	\$ 33.66	\$ 65.71	\$ 99.10	\$ 132.50
% Impact	0.8%	0.7%	0.7%	0.7%	0.7%
% of Total Bill	7.4%	8.2%	8.2%	8.2%	8.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 643.65	\$ 10,312.41	\$ 19,901.93	\$ 29,887.70	\$ 39,873.48
Current Bill	\$ 618.49	\$ 9,722.74	\$ 18,752.37	\$ 28,155.12	\$ 37,557.87
\$ Impact	\$ 25.16	\$ 589.67	\$ 1,149.56	\$ 1,732.58	\$ 2,315.61
% Impact	4.1%	6.1%	6.1%	6.2%	6.2%
% of Total Bill	26.6%	18.6%	18.4%	18.3%	18.3%

Regulatory

Applied For Bill	\$ 137.53	\$ 3,500.89	\$ 6,829.93	\$ 10,303.11	\$ 13,769.44
Current Bill	\$ 137.53	\$ 3,500.89	\$ 6,829.93	\$ 10,303.11	\$ 13,769.44
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	6.3%	6.3%	6.3%	6.3%

Debt Retirement Charge

Applied For Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
Current Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.8%	6.4%	6.4%	6.4%	6.4%

GST

Applied For Bill	\$ 115.42	\$ 2,646.08	\$ 5,151.88	\$ 7,765.24	\$ 10,374.42
Current Bill	\$ 114.16	\$ 2,616.59	\$ 5,094.40	\$ 7,678.61	\$ 10,258.64
\$ Impact	\$ 1.26	\$ 29.49	\$ 57.48	\$ 86.63	\$ 115.78
% Impact	1.1%	1.1%	1.1%	1.1%	1.1%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 2,423.77	\$ 55,567.59	\$ 108,189.51	\$ 163,070.00	\$ 217,862.77
Current Bill	\$ 2,397.35	\$ 54,948.43	\$ 106,982.47	\$ 161,250.79	\$ 215,431.38
\$ Impact	\$ 26.42	\$ 619.16	\$ 1,207.04	\$ 1,819.21	\$ 2,431.39
% Impact	1.1%	1.1%	1.1%	1.1%	1.1%

**Manager's Summary
Appendix B
Customer Impact**

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	1.85	1.87
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	6.4893	7.3081
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	0.1999
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.0050	0.1719
Retail Transmission Rate – Network Service Rate	\$/kW	1.3819	1.4303
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3227	1.2936
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	37	kWh	0.10	kW
RPP Tier One	750	kWh	Load Factor	50.7%

Loss Factor 1.0560

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	40	0.0570	2.28	40	0.0570	2.28	0.00	0.0%	36.42%
Energy Second Tier (kWh)	0	0.0660	0.00	0	0.0660	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			2.28			2.28	0.00	0.0%	36.42%
Service Charge	1	1.85	1.85	1	1.87	1.87	0.02	1.1%	29.87%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	6.4893	0.65	0.10	7.3081	0.73	0.08	12.3%	11.66%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.1999	0.02	0.02	0.0%	0.32%
Distribution Volumetric Rate Rider(s)	0.10	-0.0050	0.00	0.10	0.1719	0.02	0.02	0.0%	0.32%
Total: Distribution			2.50			2.64	0.14	5.6%	42.17%
Retail Transmission Rate – Network Service Rate	0.10	1.3819	0.14	0.10	1.4303	0.14	0.00	0.0%	2.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10	1.3227	0.13	0.10	1.2936	0.13	0.00	0.0%	2.08%
Retail Transmission Rate – Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			0.27			0.27	0.00	0.0%	4.31%
Sub-Total: Delivery (Distribution and Retail Transmission)			2.77			2.91	0.14	5.1%	46.49%
Wholesale Market Service Rate	40	0.0052	0.21	40	0.0052	0.21	0.00	0.0%	3.35%
Rural Rate Protection Charge	40	0.0013	0.05	40	0.0013	0.05	0.00	0.0%	0.80%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	3.99%
Sub-Total: Regulatory			0.51			0.51	0.00	0.0%	8.15%
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	4.15%
Total Bill before Taxes			5.82			5.96	0.14	2.4%	95.21%
GST	5.82	5%	0.29	5.96	5%	0.30	0.01	3.4%	4.79%
Total Bill			6.11			6.26	0.15	2.5%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

Street Lighting

kWh	37	73	110	146	183
Loss Factor Adjusted kWh	40	78	117	155	194
kW	0.10	0.20	0.30	0.40	0.50
Load Factor	50.7%	50.0%	50.3%	50.0%	50.2%

Energy

Applied For Bill	\$ 2.28	\$ 4.45	\$ 6.67	\$ 8.84	\$ 11.06
Current Bill	\$ 2.28	\$ 4.45	\$ 6.67	\$ 8.84	\$ 11.06
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	36.4%	43.8%	47.3%	49.1%	50.3%

Distribution

Applied For Bill	\$ 2.64	\$ 3.40	\$ 4.17	\$ 4.94	\$ 5.71
Current Bill	\$ 2.50	\$ 3.15	\$ 3.80	\$ 4.45	\$ 5.09
\$ Impact	\$ 0.14	\$ 0.25	\$ 0.37	\$ 0.49	\$ 0.62
% Impact	5.6%	7.9%	9.7%	11.0%	12.2%
% of Total Bill	42.2%	33.5%	29.6%	27.4%	26.0%

Retail Transmission

Applied For Bill	\$ 0.27	\$ 0.55	\$ 0.82	\$ 1.09	\$ 1.37
Current Bill	\$ 0.27	\$ 0.54	\$ 0.81	\$ 1.08	\$ 1.35
\$ Impact	\$ -	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.02
% Impact	0.0%	1.9%	1.2%	0.9%	1.5%
% of Total Bill	4.3%	5.4%	5.8%	6.1%	6.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 2.91	\$ 3.95	\$ 4.99	\$ 6.03	\$ 7.08
Current Bill	\$ 2.77	\$ 3.69	\$ 4.61	\$ 5.53	\$ 6.44
\$ Impact	\$ 0.14	\$ 0.26	\$ 0.38	\$ 0.50	\$ 0.64
% Impact	5.1%	7.0%	8.2%	9.0%	9.9%
% of Total Bill	46.5%	38.9%	35.4%	33.5%	32.2%

Regulatory

Applied For Bill	\$ 0.51	\$ 0.76	\$ 1.01	\$ 1.26	\$ 1.51
Current Bill	\$ 0.51	\$ 0.76	\$ 1.01	\$ 1.26	\$ 1.51
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	8.1%	7.5%	7.2%	7.0%	6.9%

Debt Retirement Charge

Applied For Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
Current Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.2%	5.0%	5.5%	5.7%	5.8%

GST

Applied For Bill	\$ 0.30	\$ 0.48	\$ 0.67	\$ 0.86	\$ 1.05
Current Bill	\$ 0.29	\$ 0.47	\$ 0.65	\$ 0.83	\$ 1.01
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.02	\$ 0.03	\$ 0.04
% Impact	3.4%	2.1%	3.1%	3.6%	4.0%
% of Total Bill	4.8%	4.7%	4.7%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 6.26	\$ 10.15	\$ 14.11	\$ 18.01	\$ 21.98
Current Bill	\$ 6.11	\$ 9.88	\$ 13.71	\$ 17.48	\$ 21.30
\$ Impact	\$ 0.15	\$ 0.27	\$ 0.40	\$ 0.53	\$ 0.68
% Impact	2.5%	2.7%	2.9%	3.0%	3.2%

**Manager's Summary
Appendix B
Customer Impact**

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Sentinel Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	6.15	6.20
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	15.4239	18.7510
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	0.2024
Distribution Volumetric Rate Rider(s)	\$/kW	0.0109	0.2217
Retail Transmission Rate – Network Service Rate	\$/kW	1.3888	1.4374
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3503	1.3206
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	180	kWh	0.50	kW
RPP Tier One	750	kWh	Load Factor	49.3%

Loss Factor 1.0560

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	191	0.0570	10.89	191	0.0570	10.89	0.00	0.0%	33.66%
Energy Second Tier (kWh)	0	0.0660	0.00	0	0.0660	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.89			10.89	0.00	0.0%	33.66%
Service Charge	1	6.15	6.15	1	6.20	6.20	0.05	0.8%	19.17%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.50	15.4239	7.71	0.50	18.7510	9.38	1.67	21.7%	29.00%
Distribution Volumetric Rate Adder(s)	0.50	0.0000	0.00	0.50	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.50	0.0000	0.00	0.50	0.2024	0.10	0.10	0.0%	0.31%
Distribution Volumetric Rate Rider(s)	0.50	-0.0109	-0.01	0.50	0.2217	0.11	0.12	(1200.0)%	0.34%
Total: Distribution			13.85			15.79	1.94	14.0%	48.81%
Retail Transmission Rate – Network Service Rate	0.50	1.3888	0.69	0.50	1.4374	0.72	0.03	4.3%	2.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.50	1.3503	0.68	0.50	1.3206	0.66	-0.02	(2.9)%	2.04%
Retail Transmission Rate – Low Voltage Volumetric Rate	0.50	0.0000	0.00	0.50	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			1.37			1.38	0.01	0.7%	4.27%
Sub-Total: Delivery (Distribution and Retail Transmission)			15.22			17.17	1.95	12.8%	53.08%
Wholesale Market Service Rate	191	0.0052	0.99	191	0.0052	0.99	0.00	0.0%	3.06%
Rural Rate Protection Charge	191	0.0013	0.25	191	0.0013	0.25	0.00	0.0%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.77%
Sub-Total: Regulatory			1.49			1.49	0.00	0.0%	4.61%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	3.89%
Total Bill before Taxes			28.86			30.81	1.95	6.8%	95.24%
GST	28.86	5%	1.44	30.81	5%	1.54	0.10	6.9%	4.76%
Total Bill			30.30			32.35	2.05	6.8%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

Sentinel Lighting

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		74	138	191	286	381
	kW	0.20	0.35	0.50	0.75	1.00
	Load Factor	48.0%	50.9%	49.3%	49.3%	49.3%

Energy

Applied For Bill	\$ 4.22	\$ 7.87	\$ 10.89	\$ 16.30	\$ 21.72
Current Bill	\$ 4.22	\$ 7.87	\$ 10.89	\$ 16.30	\$ 21.72
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	25.1%	31.5%	33.7%	36.1%	37.5%

Distribution

Applied For Bill	\$ 10.03	\$ 12.91	\$ 15.79	\$ 20.58	\$ 25.37
Current Bill	\$ 9.23	\$ 11.55	\$ 13.85	\$ 17.71	\$ 21.56
\$ Impact	\$ 0.80	\$ 1.36	\$ 1.94	\$ 2.87	\$ 3.81
% Impact	8.7%	11.8%	14.0%	16.2%	17.7%
% of Total Bill	59.6%	51.7%	48.8%	45.6%	43.8%

Retail Transmission

Applied For Bill	\$ 0.55	\$ 0.96	\$ 1.38	\$ 2.07	\$ 2.76
Current Bill	\$ 0.55	\$ 0.96	\$ 1.37	\$ 2.05	\$ 2.74
\$ Impact	\$ -	\$ -	\$ 0.01	\$ 0.02	\$ 0.02
% Impact	0.0%	0.0%	0.7%	1.0%	0.7%
% of Total Bill	3.3%	3.8%	4.3%	4.6%	4.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 10.58	\$ 13.87	\$ 17.17	\$ 22.65	\$ 28.13
Current Bill	\$ 9.78	\$ 12.51	\$ 15.22	\$ 19.76	\$ 24.30
\$ Impact	\$ 0.80	\$ 1.36	\$ 1.95	\$ 2.89	\$ 3.83
% Impact	8.2%	10.9%	12.8%	14.6%	15.8%
% of Total Bill	62.9%	55.5%	53.1%	50.2%	48.6%

Regulatory

Applied For Bill	\$ 0.73	\$ 1.15	\$ 1.49	\$ 2.11	\$ 2.73
Current Bill	\$ 0.73	\$ 1.15	\$ 1.49	\$ 2.11	\$ 2.73
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.3%	4.6%	4.6%	4.7%	4.7%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	2.9%	3.6%	3.9%	4.2%	4.4%

GST

Applied For Bill	\$ 0.80	\$ 1.19	\$ 1.54	\$ 2.15	\$ 2.76
Current Bill	\$ 0.76	\$ 1.12	\$ 1.44	\$ 2.00	\$ 2.56
\$ Impact	\$ 0.04	\$ 0.07	\$ 0.10	\$ 0.15	\$ 0.20
% Impact	5.3%	6.2%	6.9%	7.5%	7.8%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 16.82	\$ 24.99	\$ 32.35	\$ 45.10	\$ 57.86
Current Bill	\$ 15.98	\$ 23.56	\$ 30.30	\$ 42.06	\$ 53.83
\$ Impact	\$ 0.84	\$ 1.43	\$ 2.05	\$ 3.04	\$ 4.03
% Impact	5.3%	6.1%	6.8%	7.2%	7.5%

Manager's Summary
Appendix B
Customer Impact

Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	26.55	26.77
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	0.02	-
Distribution Volumetric Rate	\$/kWh	0.0156	0.0156
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	0.0006
Distribution Volumetric Rate Rider(s)	\$/kWh	-	0.0007
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0045	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043	0.0042
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000	kWh	-	kW
RPP Tier One	750	kWh	Load Factor	

Loss Factor 1.0560

Unmetered Scattered Load	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0570	42.75	750	0.0570	42.75	0.00	0.0%	16.96%
Energy Second Tier (kWh)	1,362	0.0660	89.89	1,362	0.0660	89.89	0.00	0.0%	35.67%
Sub-Total: Energy			132.64			132.64	0.00	0.0%	52.64%
Service Charge	1	26.55	26.55	1	26.77	26.77	0.22	0.8%	10.62%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0156	31.20	2,000	0.0156	31.20	0.00	0.0%	12.38%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0006	1.20	1.20	0.0%	0.48%
Distribution Volumetric Rate Rider(s)	2,000	0.0000	0.00	2,000	0.0007	1.40	1.40	0.0%	0.56%
Total: Distribution			57.73			60.57	2.84	4.9%	24.04%
Retail Transmission Rate – Network Service Rate	2,112	0.0045	9.50	2,112	0.0047	9.93	0.43	4.5%	3.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,112	0.0043	9.08	2,112	0.0042	8.87	-0.21	(2.3)%	3.52%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,112	0.0000	0.00	2,112	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			18.58			18.80	0.22	1.2%	7.46%
Sub-Total: Delivery (Distribution and Retail Transmission)			76.31			79.37	3.06	4.0%	31.50%
Wholesale Market Service Rate	2,112	0.0052	10.98	2,112	0.0052	10.98	0.00	0.0%	4.36%
Rural Rate Protection Charge	2,112	0.0013	2.75	2,112	0.0013	2.75	0.00	0.0%	1.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.10%
Sub-Total: Regulatory			13.98			13.98	0.00	0.0%	5.55%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.56%
Total Bill before Taxes			236.93			239.99	3.06	1.3%	95.24%
GST	236.93	5%	11.85	239.99	5%	12.00	0.15	1.3%	4.76%
Total Bill			248.78			251.99	3.21	1.3%	100.00%

**Manager's Summary
Appendix B
Customer Impact**

Unmetered Scattered Load

	kWh	500	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		528	2,112	7,920	15,840	21,120
kW						
Load Factor						

Energy

Applied For Bill	\$ 30.10	\$ 132.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
Current Bill	\$ 30.10	\$ 132.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	37.1%	52.6%	58.2%	59.3%	59.6%

Distribution

Applied For Bill	\$ 35.22	\$ 60.59	\$ 153.58	\$ 280.39	\$ 364.93
Current Bill	\$ 34.33	\$ 57.73	\$ 143.53	\$ 260.53	\$ 338.53
\$ Impact	\$ 0.89	\$ 2.86	\$ 10.05	\$ 19.86	\$ 26.40
% Impact	2.6%	5.0%	7.0%	7.6%	7.8%
% of Total Bill	43.4%	24.0%	17.3%	16.0%	15.7%

Retail Transmission

Applied For Bill	\$ 4.70	\$ 18.80	\$ 70.48	\$ 140.98	\$ 187.96
Current Bill	\$ 4.65	\$ 18.58	\$ 69.70	\$ 139.39	\$ 185.86
\$ Impact	\$ 0.05	\$ 0.22	\$ 0.78	\$ 1.59	\$ 2.10
% Impact	1.1%	1.2%	1.1%	1.1%	1.1%
% of Total Bill	5.8%	7.5%	8.0%	8.0%	8.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 39.92	\$ 79.39	\$ 224.06	\$ 421.37	\$ 552.89
Current Bill	\$ 38.98	\$ 76.31	\$ 213.23	\$ 399.92	\$ 524.39
\$ Impact	\$ 0.94	\$ 3.08	\$ 10.83	\$ 21.45	\$ 28.50
% Impact	2.4%	4.0%	5.1%	5.4%	5.4%
% of Total Bill	49.2%	31.5%	25.3%	24.1%	23.7%

Regulatory

Applied For Bill	\$ 3.69	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.53
Current Bill	\$ 3.69	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.53
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.6%	5.5%	5.8%	5.9%	5.9%

Debt Retirement Charge

Applied For Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
Current Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.3%	5.6%	5.9%	6.0%	6.0%

GST

Applied For Bill	\$ 3.86	\$ 12.00	\$ 42.21	\$ 83.41	\$ 110.88
Current Bill	\$ 3.81	\$ 11.85	\$ 41.67	\$ 82.34	\$ 109.45
\$ Impact	\$ 0.05	\$ 0.15	\$ 0.54	\$ 1.07	\$ 1.43
% Impact	1.3%	1.3%	1.3%	1.3%	1.3%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 81.07	\$ 252.01	\$ 886.47	\$ 1,751.68	\$ 2,328.47
Current Bill	\$ 80.08	\$ 248.78	\$ 875.10	\$ 1,729.16	\$ 2,298.54
\$ Impact	\$ 0.99	\$ 3.23	\$ 11.37	\$ 22.52	\$ 29.93
% Impact	1.2%	1.3%	1.3%	1.3%	1.3%

Exhibit 1: LRAM and SSM Application

LOST REVENUE ADJUSTMENT MECHANISM AND SHARED SAVINGS MECHANISM

Summary

Norfolk Power Distribution Inc (NPDI) herewith submits an application to the Ontario Energy Board (OEB) for the approval and recovery of historical Lost Revenue Mechanism (LRAM) and Shared Savings Mechanism (SSM) amounts related to new and ongoing Conservation and Demand Management (CDM) activities in 2006, 2007 and 2008. It is requested these amounts be recovered through a rate rider over a one year period, commencing May 1 2010. Total amount for recovery is \$210,957, including carrying charges of \$9,600. Amounts for SSM and LRAM recovery are summarized in Table 1.

Table 1: Summary of Requested LRAM and SSM Amounts

Customer Class	LRAM	Carrying Charges	SSM	Total
Residential	\$145,235	\$8,769	\$17,255	\$171,259
GS < 50 kW	1,293	78	374	1,745
GS > 50 kW	12,467	753	24,734	37,954
Total	\$158,995	\$9,600	\$42,362	\$210,957

SSM Amounts

All CDM programs for which SSM amounts are sought were undertaken in connection with NPDI's Third Tranche CMD spending obligations in 2006 and 2007. No SSM amount is sought in relation to activities of other parties.

The total SSM sought for recovery is \$42,362, which is based on the results of the Total Resource Cost test (TRC test) which NPDI used to evaluate the results of their CDM programs. The TRC test examines the benefits of a program (avoided electricity costs) with program costs which include the LDC's costs and the participant's costs over the life of the program. The stream of future net benefits is evaluated using net present value (NPV). In accordance with CDM guidelines NPDI is requesting recovery of 5% of the NPV of the CDM programs.

Table 2 on the following page provides the SSM amounts by program and customer rate class.

Table 2: SSM Amounts by Program and Rate Class

Class Program	Total Costs \$	Total Benefits \$	Net Benefits \$ NPV	Benefits/ Cost Ratio	SSM Amount
<u>RESIDENTIAL</u>					
Cold Water Wash	\$1,385	\$2,741	\$1,356	1.98	\$68
Energy Star Windows	9,899	8,262	-1,637	0.83	-82
Lighten Your Electricity Bill	19,487	74,807	55,320	3.84	2,766
CFL Education & Giveaway	7,535	21,302	13,767	2.83	688
LED Seasonal Light Exchange Program	20,941	199,057	178,115	9.51	8,906
Water Heater Replacement	18,183	24,385	6,202	1.34	310
Applicant Rebate Program	39,128	46,741	7,613	1.19	381
Environmental Action Kits	6,020	225,632	219,612	37.48	10,981
Conserver Family	28,869		-28,869		-1,443
Residential Customer Education Program	106,386		-106,386		-5,319
<u>GENERAL SERVICE < 50kW</u>					
Norfolk Power Facility	25,538	33,012	7,474	1.29	374
Lighting Retrofit Program					
<u>GENERAL SERVICE > 50kW</u>					
Energy Audits for Major Customers	79,498	574,168	494,670	7.22	24,734
Total	\$362,868	\$1,210,107	\$847,238		\$42,362

LRAM Amounts

The LRAM adjusts for volumetric variances between actual CDM results and the corresponding quantities used in rate setting. The requested LRAM recovery amount is derived from savings composed of:

1. Third Tranche CDM programs implemented in 2005, 2006, and 2007.
2. Ontario Power Authority (OPA) CDM programs implemented in 2007 and 2008.

None of the load reductions produced were factored in to the load forecast underpinning 2006, 2007 or 2008 rates. Therefore, NPDI proposes recovery of LRAM amounts related to the entire load reductions, net of free rider quantities. The calculation of the load reduction is based on the energy and demand savings and the lifespan of the technology by rate class.

The total LRAM amount sought for recovery is \$168,596, of which \$28,659 is related to Third Tranche programs, \$130,336 is a result of OPA programs and \$9,600 is carrying charges. A summary of CDM load impacts by program and customer class is listed in Appendix 1. The foregone revenue is calculated on the load reductions using the applicable rates from each rate class. The foregone revenue by program and rate class is available in Appendix 2.

Carrying charges have been calculated using OEB approved rates. As monthly balances are not available for the purpose of carrying charge calculation, annual amounts have been assumed to be earned evenly throughout the year. Appendix 3 outlines the monthly carrying charge calculations until May 1 2010.

Verification and Evaluation of Results

NPDI engaged EnerSpectrum Group to review its CDM program results and TRC calculations and aid in the calculation of recovery amounts in light of OEB guidelines. EnerSpectrum reported that the values provided in this application are considered valid. The full report prepared by EnerSpectrum is available in Appendix 4.

Recovery

NPDI requests recovery of the LRAM and SSM amounts by way of volumetric rate riders over a 12 month period, effective May 1 2010, with the foregone revenue from each customer class allocated to that class for recovery. Table 1 sets out the corresponding amounts by class, as well as the corresponding rate rider based on 2008 actual volume.

Impact on customer bills has been included in the OEB 2010 IRM3 Rate Generator Model and summarized in the applicant's Manager's Summary.

Table 3: LRAM / SSM Amounts and Rate Riders by Class

Customer Class	LRAM	LRAM Carrying Charges	SSM	Total	Unit	2008 Billed kWh / kW	Rate Rider \$ / unit (kWh or kW)
Residential	\$145,235	\$8,769	\$17,255	\$171,259	kWh	140,646,761	0.001218
GS < 50 kW	1,293	78	374	1,745	kWh	63,223,253	0.000028
GS > 50 kW	12,467	753	24,734	37,954	kW	361,081	0.105110
Total	\$158,995	\$9,600	\$42,362	\$210,957			

Appendix 1
 CDM Load Impacts by Program and Rate Class

Class Program	Year Implemented	NET 2006		GROSS 2006		NET 2007		GROSS 2007		NET 2008		GROSS 2008		NET		GROSS	
		kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	Total kWh	Total kW	Total kWh	Total kW
Third Tranche																	
RESIDENTIAL																	
Energy Star Window Program	2005	5,543	5.00	7,919	7.14	5,543	5.00	7,919	7.14	5,543	5.00	7,919	7.14	16,629	15.00	23,756	21.43
Water Heater Replacement Program	2007									27,137	3.00	38,767	4.29	27,137	3.00	38,767	4.29
Lighten Your Electricity Bill	2005	124,462	10.05	136,257	11.17	124,462	10.05	136,257	11.17	124,462	10.05	136,257	11.17	373,385	30.16	408,771	33.52
Cold Water Wash	2005	42,987	1.44	57,316	1.91									42,987	1.44	57,316	1.91
CFL Education & Giveaway	2006					35,692	0.83	39,658	0.92	35,692	0.83	39,658	0.92	71,384	1.65	79,315	1.84
LED Seasonal Light Exchange Program	2006, 2007					197,648	0.00	208,050	85.53	468,398	0.00	493,050	0.00	666,045	0.00	701,100	85.53
Enviornmental Action Kits	2007, 2008									311,040	7.20	345,600	8.00	311,040	7.20	345,600	8.00
Energy Star Appliance Rebate Program	2007, 2008									2,896	0.12	3,218	0.13	2,896	0.12	3,218	0.13
GENERAL SERVICE <50KW																	
Norfolk Power Facility Lighting Retrofit Program	2007									132,631	17.45	165,789	21.81	132,631	17.45	165,789	21.81
GENERAL SERVICE >50KW																	
Energy Audits for Major Customers	2005 - 2006	830,647	147.00	1,186,639	210.00	1,709,320	409.00	2,441,886	584.29	1,709,320	409.00	2,441,886	584.29	4,249,287	965.00	6,070,410	1378.57
OPA Programs																	
RESIDENTIAL																	
Every Kilowatt Counts (spring)	2006	475,095	3.10	527,884	3.44	475,095	3.10	527,884	3.44	475,095	3.10	527,884	3.44	1,425,286	9.29	1,583,651	10.32
Cool Savings Rebate Program	2006, 2007, 2008	36,211	37.09	40,235	41.21	140,922	105.83	239,555	179.02	202,884	155.87	347,513	266.29	380,018	298.79	627,303	486.51
Secondary Fridge Retirement Pilot	2006	19,450	4.41	21,611	4.90	19,450	4.41	21,611	4.90	19,450	4.41	21,611	4.90	58,350	13.23	64,833	14.70
Every Kilowatt Counts (fall)	2006	770,749	11.60	856,387	12.89	770,749	11.60	856,387	12.89	770,749	11.60	856,387	12.89	2,312,246	34.79	2,569,162	38.66
Great Refrigerator Roundup	2007, 2008					75,039	8.06	186,730	19.85	205,432	20.79	471,553	47.66	280,471	28.85	658,283	67.51
Aboriginal – Pilot	2007					0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Every Kilowatt Counts peaksaver®	2007, 2008					457,961	17.58	649,141	25.46	452,407	15.93	639,044	22.46	910,368	33.52	1,288,185	47.92
Summer Savings	2007					0	1.70	0	1.89	0	91.12	0	101.24	0	92.82	0	103.13
Affordable Housing – Pilot	2007					630,583	350.32	5,254,862	2919.37	630,583	350.32	5,254,862	2919.37	1,261,167	700.65	10,509,724	5838.74
Social Housing – Pilot	2007					0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Energy Efficiency Assistance for Houses – Pilot	2007					41,273	4.86	41,273	4.86	41,273	4.86	41,273	4.86	82,546	9.71	82,546	9.71
Aboriginal	2008					0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Summer Sweepstakes	2008									0	0.61	0	1.74	0	0.61	0	1.74
Every Kilowatt Counts Power Savings Event	2008									154,949	10.36	216,776	20.95	154,949	10.36	216,776	20.95
GENERAL SERVICE <50KW																	
Toronto Comprehensive	2007, 2008					0	0.00	0	0.00	0	0.00	0	0.00			0	0.00
High Performance New Construction	2008									824	0.36	1,177	0.52	824	0.36	1,177	0.52
Power Savings Blitz	2008									0	0.00	0	0.00	0	0.00	0	0.00
Chiller Plant Re-Commissioning	2008									0	0.00	0	0.00	0	0.00	0	0.00
GENERAL SERVICE >50KW																	
Demand Response 1	2006, 2007, 2008	0	552.73	0	807.83	0	910.78	0	910.78	0	910.87	0	910.91	0	2374.38	0	2629.52
Electricity Retrofit Incentive Program	2007, 2008					68,875	24.79	76,527	27.55	69,290	24.98	77,120	27.81	138,164	49.77	153,647	55.36
Other Demand Response	2007, 2008					0	75.76	0	75.76	0	83.82	0	83.82	0	159.57	0	159.57
Demand Response 3	2008									0	229.10	0	229.10	0	229.10	0	229.10
UNMETERED SCATTERED LOAD																	
Renewable Energy Standard Offer	2007, 2008					0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
LDC Custom	2008									0	0.00	0	0.00	0	0.00	0	0.00
Other Customer Based Generation	2008									0	0.00	0	0.00	0	0.00	0	0.00
		2,305,144	772	2,834,247	1,100	4,752,611	1,944	10,687,740	4,875	5,840,054	2,371	12,127,341	5,296	12,897,808	5,087	25,649,329	11,271

Appendix 2
Foregone Revenue by Program and Rate Class

Table 3: Foregone Revenue by Class and Program

Class Program	Year Implemented	2005				2006				2007				2008				Total Revenue
		Rate per Unit	Load Unit	kWh or kW	Rate per Unit	Revenue	Load Unit	kWh or kW	Rate per Unit	Revenue	Load Unit	kWh or kW	Rate per Unit	Revenue				
Third Tranche																		
RESIDENTIAL																		
Energy Star Window Program	2005	0.0180	5,543	kWh	0.0167	\$94.37	5,543	kWh	0.0169	\$93.31	5,543	kWh	0.0198	\$104.39	\$292.07			
Water Heater Replacement Program	2007	0.0180									27,137	kWh	0.0198	\$358.21	\$358.21			
Lighten Your Electricity Bill	2005	0.0180	124,462	kWh	0.0167	\$2,118.96	124,462	kWh	0.0169	\$2,095.10	124,462	kWh	0.0198	\$2,344.03	\$6,558.09			
Cold Water Wash	2005	0.0180	42,987	kWh	0.0167	\$731.85	0	kWh	0.0169	\$0.00	0	kWh	0.0198	\$0.00	\$731.85			
CFL Education & Giveaway	2006	0.0180					35,692	kWh	0.0169	\$402.13	35,692	kWh	0.0198	\$672.20	\$1,074.32			
LED Seasonal Light Exchange Program	2006, 2007	0.0180					197,648	kWh	0.0169	\$2,226.83	468,398	kWh	0.0198	\$8,821.49	\$11,048.31			
Enviornmental Action Kits	2007, 2008	0.0180									311,040	kWh	0.0198	\$4,105.73	\$4,105.73			
Energy Star Appliance Rebate Program	2007, 2008	0.0180									2,896	kWh	0.0198	\$38.23	\$38.23			
															\$24,206.81			
GENERAL SERVICE <50KW																		
Norfolk Power Facility Lighting Retrofit Program	2007	0.0134									132,631	kWh	0.0145	\$1,282.10	\$1,282.10			
GENERAL SERVICE >50KW																		
Energy Audits for Major Customers	2005 - 2006	3.7577	147.00	kW	2.9906	\$467.81	409.00	kW	3.0175	\$1,230.49	409.00	kW	3.8907	\$1,472.25	\$3,170.55			
OPA Programs																		
RESIDENTIAL																		
Every Kilowatt Counts (spring)	2006	0.0180	475,095	kWh	0.0167	\$8,088.50	475,095	kWh	0.0169	\$7,997.44	475,095	kWh	0.0198	\$8,947.63	\$25,033.56			
Cool Savings Rebate Program	2006, 2007, 2008	0.0180	36,211	kWh	0.0167	\$616.50	140,922	kWh	0.0169	\$2,372.18	202,884	kWh	0.0198	\$3,820.99	\$6,809.67			
Secondary Fridge Retirement Pilot	2006	0.0180	19,450	kWh	0.0167	\$331.14	19,450	kWh	0.0169	\$327.41	19,450	kWh	0.0198	\$366.31	\$1,024.85			
Every Kilowatt Counts (fall)	2006	0.0180	770,749	kWh	0.0167	\$13,121.99	770,749	kWh	0.0169	\$12,974.27	770,749	kWh	0.0198	\$14,515.76	\$40,612.02			
Great Refrigerator Roundup	2007, 2008	0.0180					75,039	kWh	0.0169	\$1,263.16	205,432	kWh	0.0198	\$3,868.96	\$5,132.12			
Aboriginal – Pilot	2007	0.0180					0	kWh	0.0169	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Every Kilowatt Counts	2007	0.0180					457,961	kWh	0.0169	\$7,709.01	452,407	kWh	0.0198	\$8,520.34	\$16,229.35			
peaksaver®	2007, 2008	0.0180					0	kWh	0.0169	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Summer Savings	2007	0.0180					630,583	kWh	0.0169	\$10,614.82	630,583	kWh	0.0198	\$11,875.99	\$22,490.81			
Affordable Housing – Pilot	2007	0.0180					0	kWh	0.0169	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Social Housing – Pilot	2007	0.0180					5	kWh	0.0169	\$0.08	41,273	kWh	0.0198	\$777.31	\$777.39			
Energy Efficiency Assistance for Houses – Pilot	2007	0.0180					0	kWh	0.0169	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Aboriginal	2008	0.0180					0	kWh	0.0198	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Summer Sweepstakes	2008	0.0180					0	kWh	0.0198	\$0.00	0	kWh	0.0198	\$0.00	\$0.00			
Every Kilowatt Counts Power Savings Event	2008	0.0180									154,949	kWh	0.0198	\$2,918.21	\$2,918.21			
															\$121,027.99			
GENERAL SERVICE >50KW																		
Toronto Comprehensive	2007, 2008	0.0134					0	kWh	0.0117	\$0.00	0	kWh	0.0145	\$0.00	\$0.00			
High Performance New Construction	2008	0.0134									824	kWh	0.0145	\$11.17	\$11.17			
Power Savings Blitz	2008	0.0134									0	kWh	0.0145	\$0.00	\$0.00			
Chiller Plant Re-Commissioning	2008	0.0134									0	kWh	0.0145	\$0.00	\$0.00			
															\$11.17			
UNMETERED SCATTERED LOAD																		
Renewable Energy Standard Offer	2007, 2008	0.0134					0	kWh	0.0117	\$0.00	0	kWh	0.0155	\$0.00	\$0.00			
LDC Custom	2008	0.0134									0.00	kWh	0.0155	\$0.00	\$0.00			
Other Customer Based Generation	2008	0.0134									0.00	kWh	0.0155	\$0.00	\$0.00			
															\$9,296.76			
															\$158,995.39			

Appendix 3
LRAM Carrying Charges

Norfolk Power Distribution Inc

EB-2009-0238

Exhibit 1

Appendix 3

Month	Annual Principal	Opening Monthly Balance	Carrying Charge Rate	Carrying Charge (\$)
01-Jan-06		0	0.60%	0.00
01-Feb-06		2,278	0.60%	13.76
01-Mar-06		4,555	0.60%	27.52
01-Apr-06		6,833	0.35%	23.57
01-May-06		9,110	0.35%	31.43
01-Jun-06		11,388	0.35%	39.29
01-Jul-06		13,665	0.38%	52.27
01-Aug-06		15,943	0.38%	60.98
01-Sep-06		18,220	0.38%	69.69
01-Oct-06		20,498	0.38%	78.40
01-Nov-06		22,775	0.38%	87.11
01-Dec-06	27,330	25,053	0.38%	95.83
01-Jan-07		27,330	0.38%	104.54
01-Feb-07		31,693	0.38%	121.22
01-Mar-07		36,055	0.38%	137.91
01-Apr-07		40,417	0.38%	154.60
01-May-07		44,780	0.38%	171.28
01-Jun-07		49,142	0.38%	187.97
01-Jul-07		53,505	0.38%	204.65
01-Aug-07		57,867	0.38%	221.34
01-Sep-07		62,229	0.38%	238.03
01-Oct-07		66,592	0.43%	285.23
01-Nov-07		70,954	0.43%	303.92
01-Dec-07	79,679	75,317	0.43%	322.61
01-Jan-08		79,679	0.43%	341.29
01-Feb-08		86,289	0.43%	369.60
01-Mar-08		92,898	0.43%	397.91
01-Apr-08		99,508	0.34%	338.33
01-May-08		106,118	0.34%	360.80
01-Jun-08		112,727	0.34%	383.27
01-Jul-08		119,337	0.28%	333.15
01-Aug-08		125,947	0.28%	351.60
01-Sep-08		132,557	0.28%	370.05
01-Oct-08		139,166	0.28%	388.51
01-Nov-08		145,776	0.28%	406.96
01-Dec-08	158,995	152,386	0.28%	425.41
01-Jan-09		158,995	0.20%	324.62
01-Feb-09		158,995	0.20%	324.62
01-Mar-09		158,995	0.20%	324.62
01-Apr-09		158,995	0.08%	132.50
01-May-09		158,995	0.08%	132.50
01-Jun-09		158,995	0.08%	132.50
01-Jul-09		158,995	0.05%	72.87
01-Aug-09		158,995	0.05%	72.87
01-Sep-09		158,995	0.05%	72.87
01-Oct-09		158,995	0.05%	72.87
01-Nov-09		158,995	0.05%	72.87
01-Dec-09	158,995	158,995	0.05%	72.87
01-Jan-10		158,995	0.05%	72.87
01-Feb-10		158,995	0.05%	72.87
01-Mar-10		158,995	0.05%	72.87
01-Apr-10		158,995	0.05%	72.87
Total		158,995		9,600.11

[Type text]

Norfolk Power Distribution Inc
EB-2009-0238
Exhibit 1
Appendix 4

Exhibit 1

Appendix 4: EnerSpectrum LRAM / SSM Report

Norfolk Power Distribution Inc.

LRAM and SSM Support

October 19, 2009

Prepared by: Bart Burman, MBA, BA.Sc. P.Eng., Managing Partner

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3. About SSM/LRAM
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6. Determination of SSM Amount
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Attachments

- a. Attachment A – CDM Load Impacts by Class and Program
- b. Attachment B - Foregone Revenue by Class and Program
- c. Attachment C - SSM Amounts by Class and Program
- d. Attachment D - LRAM and SSM Totals by Class

Appendices – LRAM and SSM Supporting Material

- f. Supporting Documentation for Third Tranche Programs
- g. OPA Sponsored Programs 2006 and 2007
- h. Guidelines for Electricity Distributor CDM EB-2008-0037
- i. NPDI OEB CDM Annual Reports
 - i. 2005 – OEB CDM Annual Report
 - ii. 2006 – OEB CDM Annual Report
 - iii. 2007 – OEB CDM Annual Report
 - iv. 2008 – OEB CDM Annual Report

1. Introduction

Norfolk Power Distribution Inc. (NPDI) serves approximately 31,500 Residential and General Service customers in Simcoe, Delhi and Nanticoke. The LDC delivered 10 Conservation and Demand Management (CDM) programs under the Third Tranche CDM funding and implemented an additional 16 Ontario Power Authority (OPA) provincial programs in 2007 and 2008. Through reported gross CDM expenditures of \$590,880 on Third Tranche and OPA initiatives, NPDI reported a positive net TRC return of \$534,744, energy savings of 2.01 million kWh, and reduced peak demand by more than 445 kW.

These CDM activities in the residential and industrial customer segments have resulted in foregone revenues of \$158,995.39 for NPDI as set out in the accompanying Attachments. Accordingly, the LDC seeks to remediate this lost revenue through Lost Revenue Adjustment Mechanism (LRAM). Additionally, NPDI also seeks to realize shared savings for its investments in CDM under the Shared Savings Mechanism (SSM) in the amount of \$42,361.91, as set out in the accompanying attachments.

The Ontario Energy Board (OEB) introduced the LRAM and SSM processes outlined in the March 28, 2008 Guidelines for Electricity Distributor Conservation and Demand Management EB-2008-0037) (“CDM Guidelines”) for rate-based applications to recover revenues lost to customer energy conservation, and to share in gains from effective CDM programs prior to the completion of Third Tranche CDM programs.

LRAM calculations are made from the energy savings data from measured CDM program results, or other documented results as applied to the affected rate class. SSM is calculated as 5% of the net present value of the future net benefits from CDM investments. OPA sponsored programs, such as Every Kilowatt Counts, are not eligible for SSM because the OPA compensates LDCs through a contractual arrangement rather than the LDC recovering SSM amounts through rate riders. However OPA programs do represent the potential for lost revenue to the LDC, and may be claimed under LRAM.

The application for LRAM and SSM compensation that NPDI is considering as part of its 2010 IRM filing is based on its 2005 to 2008 inclusive CDM results.

2. Required

NPDI requested that EnerSpectrum Group support the preparation of the LDC’s LRAM and SSM claim including finalized calculations and report. In completing the scope of work related to LRAM and SSM, EnerSpectrum Group committed to:

1. Review Third Tranche CDM Annual Report filings by NPDI, including Total Resource Cost (TRC) calculations and underlying data provided by the LDC.

2. Prepare and finalize SSM and LRAM calculations and assumptions consistent with CDM Guidelines and suitable for inclusion in NPDI's 2010 IRM application, with supporting details.
3. Produce a report, recommendations, and supporting Attachments related to SSM and LRAM assessments.

3. About SSM/LRAM

The OEB issued GUIDELINES FOR ELECTRICITY DISTRIBUTOR CONSERVATION AND DEMAND MANAGEMENT, EB-2008-0037 were applied to prepare this LRAM/SSM application.

LRAM was calculated as the product of the demand/energy savings by customer class and the Board-approved variable distribution charge appropriate to each respective class (net of Regulatory Asset Recovery rate riders). OPA sponsored program kW/kWhs were deemed eligible for LRAM.

NPDI seeks to recover 5% of the net benefits (TRC) created by CDM portfolio investments. This SSM claim applies only to customer focused initiatives that reduce the demand for electricity and/or the amount of energy used. Programs designed to improve Distribution System efficiency (eg. loss reduction) and OPA sponsored programs (eg., Every Kilowatt Counts) were excluded from SSM considerations.

4. Methodology

To optimize the calculation of LRAM and SSM amounts, EnerSpectrum Group:

1. Reviewed existing LRAM and SSM CDM Guidelines and precedents set through LDC submissions to the OEB, to identify the most prudent course for NPDI's LRAM and SSM applications.
2. Sought counsel within OEB staff to validate assumptions and processes to complete LRAM and SSM submissions consistent with other LDC submissions. Validation by each specific technology employed is included in the accompanying documentation.
3. Reviewed NPDI's CDM program results and TRC calculations, verified assumptions and calculations, identified variances with reported values, and recommended adjustments as appropriate to maintain consistency with the CDM Guidelines. Actual program results were provided by NPDI, including CDM Annual Reports, OPA program results reports, and supplemental information relevant to LRAM and SSM calculations
4. Prepared report and recommendations related to LRAM and SSM calculations consistent with OEB CDM Guidelines which are in the accompanying documentation.

5. Results

In assessing and applying results from CDM programming to TRC, LRAM or SSM calculations, program results were assumed to begin after the program has been implemented. For this reason, the results of specific programs have been staggered into subsequent months or years to more accurately reflect the timing of the impacts from CDM programs. Where the results from a CDM program were reasonably expected to begin flowing in the same year, LRAM calculations are prorated to the end of that year.

The results used in LRAM calculations for OPA sponsored programs are contained in the accompanying documentation under OPA Conservation Results, issued July 14, 2009.

The accompanying table below sets out the calculated amounts for LRAM and SSM for NPDI's Third Tranche and OPA CDM programming. The calculation of the results, by program and customer class as applicable, are explained in the text below, and detailed in the appended attachments.

Rate Class	LRAM \$	SSM \$	Total
<u>Third Tranche</u>			
<u>RESIDENTIAL</u>	\$24,206.81	\$17,254.70	\$41,461.51
<u>GENERAL SERVICE < 50kW</u>	\$1,282.10	\$373.71	\$1,655.81
<u>GENERAL SERVICE > 50kW</u>	\$3,170.55	\$24,733.50	\$27,904.05
<u>OPA Programs</u>			
RESIDENTIAL	\$121,027.99		\$121,027.99
GENERAL SERVICE <50KW	\$11.17		\$11.17
GENERAL SERVICE >50KW	\$9,296.76		\$9,296.76
UNMETERED SCATTERED LOAD	\$0.00		\$0.00
	\$158,995.39	\$42,361.91	\$201,357.30

6. Determination of SSM Amount

For SSM, a distributor may recover 5% of the net benefits (TRC) created by CDM portfolio investments. As set out in the CDM Guidelines, program net benefits are determined by the present value of the avoided electricity costs over the technology's/program's life minus the

present value of program costs. All results are net of free ridership. Incentive payments identified by NPDI are excluded from these calculations. For all programs/projects, the OEB approved assumptions and measures list were used in TRC calculations in accordance with OEB's direction letter, Conservation and Demand Management ("CDM") Input Assumptions Board File No.: EB-2008-0352, January 27, 2009. Due to the timing of third tranche program decisions, OEB approved assumptions and measures lists published September 8, 2005 were applied in TRC and SSM calculations.

EnerSpectrum Group has validated applied TRC methodology against the CDM Guidelines (included in documentation) and calculated net TRC benefits for each CDM program. CDM incremental general administrative costs were included as part of overall portfolio TRC costs. EnerSpectrum Group's TRC Calculator © was used to ensure appropriate application of avoided costs, free ridership, discounted future benefits, and energy efficiency technology life.

Utility-side programs, such as NPDI's Distribution System Loss Reduction study in 2005, are not eligible for SSM treatment and was excluded from these calculations. Also excluded were results from OPA sponsored programs (e.g., Every Kilowatt Counts).

Programs considered for this application are described in annually submitted year-end CDM reports for 2,005, 2006, 2007 and 2008. For each eligible program, net load reductions were calculated (net of free ridership) for both SSM and LRAM calculations. Attachment A summarizes these load reductions.

For the purpose of TRC calculation to derive SSM, the applied discount rates for NPDI (approved Weighted Average Cost of Capital) were 8.57% (2005) 6.51 (2006), 6.51% (2007) and 7.19% (2008). The sum of all program NPVs, is \$847,238 resulting in the SSM claim of \$42,361.91. Attachment C summarizes the calculation of the SSM amounts by program and in total. Attachment E summarizes individual technology TRC (NPV) values by program. The supporting source data and TRC calculations are set out in detail in the documentation accompanying this report.

7. Determination of LRAM Amount

LRAM amounts were identified by rate class consistent with the CDM Guidelines for programs that impacted revenues from 2005 to 2008. No forecast or other adjustment for the effects of CDM programs was made to the load quantities used in the preparation of NPDI's rate cases in prior years. The entire actual load reduction achieved by the eligible Third Tranche CDM programs is subject to LRAM treatment. In addition, OPA sponsored programs, although ineligible for additional SSM incentives, represent lost revenue through their successful implementation and are included in LRAM calculations.

For all programs/projects, the load impacts were derived based on the most recently published OPA Assumptions and Measures list were used in LRAM calculations in accordance with OEB's

direction letter, Conservation and Demand Management (“CDM”) Input Assumptions Board File No.: EB-2008-0352, January 27, 2009. This is also consistent with the precedent in the OEB Decision Order EB-2009-0192 October 8, 2009 (Horizon Utilities) that directed LRAM calculations use the most current available input assumptions for all CDM programs. Load impacts from third tranche programs were augmented by OPA results (Attachment A).

The sum of all program LRAM calculations, including OPA sponsored programs, is \$158,995.39.

Attachment B summarizes the CDM load impacts by program and rate class and the resultant revenue impacts.

8. Allocation and Manner of Recovery for SSM/LRAM Amounts

The SSM/LRAM amounts arising from CDM programs in each respective rate class are allocated to that class for recovery.

9. Conclusions

Overall, NPDI’s expenditures on CDM programming were found to be cost-effective, returning a positive net TRC value for the CDM program technologies implemented. A review of LDC-originated CDM programs with NPDI verified that documentation exists to support participation levels associated with the LRAM and SSM calculation. Therefore the values applied to LRAM and SSM calculations are considered valid.

10. Recommendations

EnerSpectrum Group recommends the following:

1. SSM/LRAM amounts arising from CDM programs in each rate class be allocated to that class for recovery.
2. Incorporate impacts of CDM programming which occurred during the period 2005 to 2008 In future Cost of Service rate applications inclusive. This recognizes CDM as an established customer service element in the years ahead, with identifiable costs and benefits.
3. Use SSM calculation as one of the methods to assess the potential value of CDM programs considered for implementation.
4. Monitor OPA information and reports pursuant to its email of July 14, 2009 to all LDC conservation officers and program managers. The OPA stated that “2008 results are still preliminary and are subject to change” If final program results for NPDI subsequently change for any OPA program, updates or adjustments may need to be considered for the LRAM and SSM amounts calculated in this report. This report did not consider any OPA programs implemented or operated during 2009, as the results for these programs will not be available until sometime in 2010. Any savings attributed to 2009 for LRAM purposes are

based on assumed results carried over from OPA programs implemented in previous years only.

Assumptions by program

Program:	Cold Water Wash
Description:	Cold Water Washing (Detergent)
OPA Table Applied:	Residential
Element No.:	14
Number of Units:	92
EE Technology Life:	1
Start Year:	2005
Incremental Costs:	\$690.00
Discount Factor:	8.57%
LDC Costs:	\$250.00
Free Ridership Rate:	25%
TRC NPV:	\$1,801.03
Y/E CDM Reported TRC:	\$1,800.00
Difference:	-\$1.03
Reason for Difference:	

Assumptions by program

Program:	Energy Audits for Major Customers
Description:	Energy Audits
OPA Table Applied:	Direct Input
Element No.:	
Number of Units:	3
EE Technology Life:	5
Start Year:	2005
Incremental Costs:	
Discount Factor:	8.57%
LDC Costs:	\$25,192.00
Free Ridership Rate:	30%
TRC NPV:	\$220,113.62
Y/E CDM Reported TRC:	\$144,500.00
Difference:	\$75,613.62
Reason for Difference:	<ol style="list-style-type: none"> 1. Norfolk based their TRC on a forecasted 10 audits. Only 3 were actually completed. ESG based the TRC on 3. 2. ESG used 147kW savings based on savings identified in the 2005 CDM filed report. 3. ESG assumed a 5 year technology life. 4. ESG assumed a 30% free ridership.

Assumptions by program

Program:	2005 Energy Star Window Program
Description:	Energy Star Windows
OPA Table Applied:	Direct Input
Element No.:	
Number of Units:	185
EE Technology Life:	25
Start Year:	2005
Incremental Costs:	\$6,000.00
Discount Factor:	8.57%
LDC Costs:	\$3,726.97
Free Ridership Rate:	30%
TRC NPV:	-\$1,465.37
Y/E CDM Reported TRC:	\$5,800.00
Difference:	-\$7,265.37
Reason for Difference:	1. ESG used assumptions made in "Energy Star Window Incentive Program Background data" Excel sheet. 2. ESG assumed 30% free ridership rate. 3. ESG used 8.57% discount factor. Norfolk used 6.5%

Assumptions by program

Program:	2005 Lighten Your Electricity Bill								
Description:	15W CFL	Outdoor Timer	Indoor Timer	Indoor Timer for AC	Pstat - Space Cooling	Pstat - Space Heating	Seasonal LED Xmas Lights - 5W	Seasonal LED Xmas Lights - Mini Lights	Summary TRC
OPA Table Applied:	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	
Element No.:	24	22	38 (new tables)	88 (new tables)	55	56	35	36	
Number of Units:	1,336	32	8	8	52	20	570	570	
EE Technology Life:	4	10	10	18	18	18	30	8	
Start Year:	2005	2005	2005	2005	2005	2005	2005	2005	2005
Incremental Costs:	\$2,404.80	\$576.00	\$144.00	\$432.00	\$2,808.00	\$1,080.00	\$1,083.00	\$1,026.00	\$9,553.80
Discount Factor:	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
LDC Costs:	\$1,763.71	\$112.00							\$4,202.18
Free Ridership Rate:	10%	10%	10%	10%	10%	10%	5%	5%	
TRC NPV:	\$25,733.38	\$3,479.63	\$612.44	\$1,030.76	\$6,699.95	\$17,922.96	\$9,116.17	\$658.15	\$61,051.25
Y/E CDM Reported TRC:	\$25,700.00	\$7,100.00	\$1,728.00		\$28,800.00		\$13,600.00		
Difference:	\$33.38	\$3,620.37	\$84.80		\$4,177.09		\$3,825.69		
Reason for Difference:		1. Norfolk used 6.51% discount rate. ESG used 8.57%	1. ESG used new OEB tables as other information was not available.		1. Used assumptions of 17.3% of total allocated to Space Heating and 45% Space Cooling based on same assumptions used in 2005 CDM filed Report. 2. Norfolk included both measures on one TRC which ends up excluding free ridership rates.		1. Norfolk included both measures on one TRC which ends up excluding free ridership rates.		

Assumptions by program

Program:	2006 CFL Education & Giveaway
Description:	15W CFL
OPA Table Applied:	Residential
Element No.:	16
Number of Units:	918
EE Technology Life:	4
Start Year:	2006
Incremental Costs:	\$1,652.40
Discount Factor:	10.00%
LDC Costs:	\$4,097.49
Free Ridership Rate:	10%
TRC NPV:	\$15,551.95
Y/E CDM Reported TRC:	\$12,814.00
Difference:	\$2,737.95
Reason for Difference:	1. Norfolk included the cost of the lights in LDC Capital costs in addition to incremental equipment costs (double counted)

Assumptions by program

Program:	2006 - Energy Audits for Major Customers
Description:	Energy Audits
OPA Table Applied:	Direct Input
Element No.:	
Number of Units:	9
EE Technology Life:	5
Start Year:	2006
Incremental Costs:	
Discount Factor:	
LDC Costs:	\$10,336.81
Free Ridership Rate:	30%
TRC NPV:	\$318,525.64
Y/E CDM Reported TRC:	\$170,600.00
Difference:	\$147,925.64
Reason for Difference:	<ol style="list-style-type: none"> 1. Norfolk based their TRC on a forecasted 10 audits in 2005. ESG based the TRC on 9 audits that were completed in 2006. 2. ESG used 262kW savings based on savings identified in the 2006 CDM filed report. 3. ESG assumed a 5 year technology life. 4. ESG assumed a 30% free ridership.

Assumptions by program

Program:	2006 Led Seasonal Light Exchange Program
Description:	5W Xmas Light
OPA Table Applied:	Residential
Element No.:	22
Number of Units:	3,650
EE Technology Life:	30
Start Year:	2006
Incremental Costs:	\$6,935.00
Discount Factor:	6.51%
LDC Costs:	\$1,102.40
Free Ridership Rate:	5%
TRC NPV:	\$76,253.34
Y/E CDM Reported TRC:	\$59,383.00
Difference:	\$16,870.34
Reason for Difference:	1. Norfolk included the cost of the lights in LDC Capital costs in addition to incremental equipment costs (double counted)

Assumptions by program

Program:	2007 Energy Star Qualified Appliance Rebate Program				
Description:	Energy Star Dishwasher	Energy Star Freezer	Energy Star Fridges	Energy Star Front Load Washer	Summary TRC
OPA Table Applied:	Residential	Residential	Residential	Residential	
Element No.:	11	4	2	12	
Number of Units:	1	4	2	6	
EE Technology Life:	13	21	19	14	
Start Year:	2007	2007	2007	2007	
Incremental Costs:	\$90.00	\$720.00	\$126.00	\$1,080.00	\$2,016.00
Discount Factor:	6.51%	6.51%	6.51%	6.51%	
LDC Costs:					\$1,929.80
Free Ridership Rate:	10%	10%	10%	10%	
TRC NPV:	-\$28.63	-\$568.29	\$17.52	\$850.41	-\$1,658.79
Y/E CDM Reported TRC:					-\$1,784.00
Difference:					-\$125.21
Reason for Difference:					1. Norfolk included all technologies on one TRC

Assumptions by program

Program:	2007 Environmental Action Kits
Description:	15W CFL
OPA Table Applied:	Residential
Element No.:	16
Number of Units:	8,000
EE Technology Life:	4
Start Year:	2007
Incremental Costs:	\$14,400.00
Discount Factor:	6.51%
LDC Costs:	\$2,244.14
Free Ridership Rate:	10%
TRC NPV:	\$169,230.36
Y/E CDM Reported TRC:	\$143,483.00
Difference:	\$25,747.36
Reason for Difference:	1. Norfolk included the cost of the lights in LDC Capital costs in addition to incremental equipment costs (double counted)

Assumptions by program

Program:	2007 Norfolk Power Facility Lighting Retrofit Program		
Description:	2Lamp - T8 23W	4Lamp - T8 32W	Summary TRC
OPA Table Applied:	Industrial	Industrial	
Element No.:	1	2	
Number of Units:	152	108	
EE Technology Life:	3	3	
Start Year:	2007	2007	2007
Incremental Costs:	\$12,722.40	\$9,622.80	\$22,345.20
Discount Factor:	6.51%	6.51%	6.51%
LDC Costs:			\$1,820.01
Free Ridership Rate:	10%	10%	
TRC NPV:	\$8,967.07	\$9,622.80	\$8,846.59
Y/E CDM Reported TRC:			\$4,403.00
Difference:			\$4,443.59
Reason for Difference:			1. Norfolk included both measures on one TRC 2. Norfolk included the cost of the lights in LDC Capital costs in addition to incremental equipment costs (double counted)

Assumptions by program

Program:	2007 Seasonal LED Light Exchange Program
Description:	LED Christmas Lights - 5W
OPA Table Applied:	Residential
Element No.:	22
Number of Units:	5,000
EE Technology Life:	30
Start Year:	2007
Incremental Costs:	\$9,500.00
Discount Factor:	6.51%
LDC Costs:	\$1,113.56
Free Ridership Rate:	5%
TRC NPV:	\$104,152.26
Y/E CDM Reported TRC:	\$88,146.00
Difference:	\$16,006.26
Reason for Difference:	1. Norfolk included the cost of the lights in LDC Capital costs in addition to incremental equipment costs (double counted)

Assumptions by program

Program:	2007 Water Heater Replacement Program
Description:	Upgrade Water Heaters
OPA Table Applied:	Direct Input
Element No.:	
Number of Units:	103
EE Technology Life:	18
Start Year:	2007
Incremental Costs:	\$15,153.85
Discount Factor:	6.51%
LDC Costs:	\$3,029.11
Free Ridership Rate:	30%
TRC NPV:	\$7,328.42
Y/E CDM Reported TRC:	\$8,467.00
Difference:	\$1,138.58
Reason for Difference:	1. ESG assumed a 30% free ridership

Assumptions by program

Program:	2008 Energy Star Qualified Appliance Rebate Program				
Description:	Energy Star Dishwasher	Energy Star Freezer	Energy Star Fridges	Energy Star Front Load Washer	Summary TRC
OPA Table Applied:	Residential	Residential	Residential	Residential	
Element No.:	11	4	2	12	
Number of Units:	38	15	44	122	
EE Technology Life:	13	21	19	14	
Start Year:	2008	2008	2008	2008	2008
Incremental Costs:	\$3,420.00	\$2,700.00	\$2,772.00	\$21,960.00	\$30,852.00
Discount Factor:	7.19%	7.19%	7.19%	7.19%	7.19%
LDC Costs:					\$30,852.00
Free Ridership Rate:	10%	10%	10%	10%	
TRC NPV:	-\$1,120.32	-\$2,153.86	\$274.67	\$16,601.74	\$9,302.73
Y/E CDM Reported TRC:					-\$4,374.00
Difference:					\$4,928.73
Reason for Difference:					1. Norfolk included all technologies on one TRC 2. ESG used a discount rate of 7.19% 3. Norfolk included costs of rebates in OM&A costs

Norfolk Power Distribution Inc

EB-2009-0238

Exhibit 2

Exhibit 2: Z Factor: Extraordinary Event – Severe Storm Damage, January 2007

Z Factor: Extraordinary Event – Severe Storm Damage, January 2007

Overview

In its 2008 rate application (EB-2007-0753) Norfolk Power Distribution Inc (NPDI) requested disposal of the balance in Account 1572 – Extraordinary Events, for amounts related to a severe winter storm which occurred in January 2007. In its decision the Board denied recovery but indicated an application would be entertained at a future date, if the Applicant chose to re-apply and provide additional evidence. NPDI hereby applies for approval to recover the amount recorded in its account 1572 as a Z Factor in its 2010 rate application over the period of one year, beginning on May 1, 2010.

The total amount requested for recovery is \$179,448, which includes \$164,235 of incremental expenses which were incurred as a direct result of the severe storm damage, which occurred January 14 2007. The incremental expenses have been reduced from the original 2008 application after scrutiny of accounts to ensure only incremental amounts are applied for. A summary followed by a detailed list of expenses is contained in Appendix A. An additional \$15,214 in carrying charges has been calculated based on the established OEB rates for deferral account carrying charges. Details of carrying charge calculations are listed in Appendix B.

Description of Event

On the evening of Sunday, January 14, 2007, an ice storm hit throughout the mid-west United States and south-central Ontario. A period of unseasonably warm January temperatures was followed by a storm system consisting of strong winds, freezing rain, snow, and a drop in temperatures. Ice as thick as 1” clung to trees, hydro poles, conductors and devices across the service territory. With most of its service territory bordering the northern shores of Lake Erie, a vulnerable spot for lake effect snow, Norfolk Power Distribution Inc experienced the full impact of the storm and resultant wide-spread outages. Of its approximately 18,500 customers 16,080 were without power, some for as long as 33 hours. In order to facilitate efficient restoration of power, NPDI utilized its own staff incurring heavy overtime. Also, given the extent of damage and cold weather, extra crews from neighboring utilities and external contractors were called to aid in the restoration. The customer service centre was inundated with calls from cold and frustrated customers, wanting to know when power would be restored. The below-freezing temperatures meant that anyone requiring electricity for heat was at risk. The County of Norfolk opened up emergency centers where people could get warm and have a hot

meal. Crews worked day and night for three days to restore power to the County as quickly and efficiently as possible. This was followed by an additional week to clean up the aftermath of the storm including tree trimming and damaged plant replacement.

Z-Factor Eligibility Criteria

The following analysis and report identifies that the amount applied for meets the regulatory principles of causation, materiality, and prudence and should be therefore included in the 2010 approved rates for NPDI.

Causation

The costs NPDI is requesting for recovery are directly attributable to the repairs required due to the ice storm on January 14 2007. If the storm had not occurred, these repairs would not have been required. While mild storm damage does occur from time to time, the scope of damage and necessary repairs of this one storm exceeded the usual level of storm damage expense NPDI incurs in entire year. NPDI tracks storm damage repair costs in a separate maintenance sub-account and have summarized these expenses for the previous 4 years.

Table 1: Annual Storm Damage Summary

	2003	2004	2005	2006	2007
Non-Extraordinary Storm Damage	\$54,607	\$32,368	\$54,667	\$97,012	\$81,303
Extraordinary Storm Damage					164,235
Total Storm Damage	\$54,607	\$32,368	\$54,667	\$97,012	\$245,538

In addition, the amount of damage incurred exceeds the amount of storm damage expenses included in NPDI's rates. The rates established in the 2006 EDR included \$32,369 for storm damage repair expenses. This was part of the overall maintenance expense of \$747,613 and total Distribution Expenses before PILS of \$6,253,598.

Materiality

Using the Board's materiality threshold of 0.5% of the Revenue Requirement for materiality of extraordinary event costs results in a materiality level of \$53,429 (0.5% of \$10,685,794 revenue requirement for 2006 EDR base year). With incremental costs totaling \$164,235, the Storm exceeds the materiality threshold determined by the Board.

Prudence

As a matter of public safety, NPDI took the necessary measures to restore power to its 16,080 interrupted customers as quickly and efficiently as possible. After surveying the damage and identifying that 90% of its customers were without power in the cold winter, NPDI developed an action plan to restore power as quickly as possible. This meant overtime hours for its own staff as well as bringing in crews from neighbouring LDC's and external contractors to aid in the power restoration process. Calling on contractors NPDI has used in the past (because of their relatively low cost, proximity to the service area, and knowledge of the service area) was the most economical and reasonable solution after making full use of its own staff.

Historical Expenditures on Storm Damage Repairs

Historical expenditures for storm damage repairs consists of costs related to several small storms throughout the year and are recorded in account 5100 – Storm Damage. This may typically include damage from lightning, wind, freezing rain, snow and other weather-related damage repairs that were completed as a direct result of weather induced outage. In addition, larger storms are also allocated their own sub-account number to further aid in cost tracking and analysis. As part of the annual audit the balances in the Storm Repair account each year has been reviewed by NPDI's external auditors. The storm damage related to Jan 14 2007 has been the only storm to warrant recording the expenses in Account 1572.

Table 2: Details of Historical Storm Expenses

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Regular Labour (hours)	114.50	96.50	169.50	470.50	771.50
Overtime Labour (hours)	41.50	277.00	496.00	639.50	532.25
Regular Labour (cost in \$)	5,531	3,944	7,508	21,095	34,640
Overtime Labour (cost in \$)	2,338	14,615	26,500	36,196	31,480
Equipment Charges	2,410	5,125	9,295	15,380	13,570
Materials	3,517	5,616	10,672	13,225	19,679
Contractor & Other Expenses	40,811	3,068	692	11,116	146,169
TOTAL	\$54,607	\$32,368	\$54,667	\$97,012	\$245,538

Using the “Z Factor” criteria, Norfolk Power is only claiming incremental costs relating to the January 2007 Storm repairs. This means that only unscheduled overtime, costs of contractors not normally required, and special meal and accommodation allowances for staff & contractors are included in the total amount claimed under 1572. Normal operating costs (such as regular labour hours, materials, and equipment charges) were included in the maintenance account for storm damage repairs and/or capitalized based on their nature. Appendix A contains the full details of the expenses.

Recovery

Consistent with the Decision by the Board EB-2007-0514 NPDI requests to allocate the expenses to the classes based on distribution revenue. For this purpose 2008 actual volume data has been used as it is the data underpinning the current distribution rates. NPDI proposes to recover approved amounts on the basis of volumetric charges. The rate riders have been included in the OEB 2010 IRM3 Rate Generator Model and are part of the customer impact analysis contained therein and described in the Manager’s Summary of the 2010 IRM application.

Table 3: Proposed Rate Riders

Customer Class	Distribution Revenue	Allocation Percentage	Allocation Dollars	Determinant	Billed kWh / kW	Proposed Volumetric Rate Rider (\$)
Residential	\$7,039,603	61.5%	\$110,339	kWh	140,646,761	0.000785
GS < 50 kW	2,147,442	18.8%	33,659	kWh	63,223,253	0.000532
GS > 50 kW	2,052,053	17.9%	32,164	kW	361,081	0.089077
Unmetered	22,413	0.2%	351	kWh	361,353	0.000972
Sentinel	42,004	0.4%	658	kW	818	0.804858
Street Light	145,220	1.3%	2,276	kW	9,279	0.245305
Total	\$11,448,735	100.0%	\$179,448			

Appendix A
Z-Factors Amounts to Be Recovered

Internal Labour	(1)	\$47,683.78
Materials	(2)	11,102.15
LDC's and Outside Contractors	(3)	132,269.55
Trucks & Equipment	(4)	8,630.00
Special Accommodations & Meal Allowances	(5)	<u>2,063.41</u>
Total Costs Relating to Jan. 15th Ice Storm		\$201,748.89
Adjustments:		
Less: Non-Incremental internal labour	(1)	(\$28,884.13)
Less: Non-Incremental Trucks & Equipment	(4)	<u>(\$ 8,630.00)</u>
2007 Ice Storm Incremental Expense		<u>\$164,234.76</u>

Appendix A con't

ITEM (1) – NPDI LABOUR DETAILS

Total Regular Labour	651 hours	\$28,884.13
Total Overtime Labour	325 hours	<u>18,799.65</u>
Total Labour Relating on Storm		\$47,683.78
<i>Less: Regular Labour deemed non-incremental</i>		<u>(\$28,884.13)</u>
Total Incremental Labour Costs		<u>\$18,799.65</u>

Hours O/T Worked for Storm	Mon Jan 15	Tues Jan 16	Wed Jan 17	Thurs Jan 18	Fri Jan 19	Sat Jan 20	Sun Jan 21	Mon Jan 22	Tue Jan 23	Wed Jan 24	Thur Jan 25	Fri Jan 26	TOTAL by Category
Management	26.50	41.50	4.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00
Office Staff	6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75
Operations	87.00	111.00	56.50	7.00	3.00	8.00	0.00	0.00	0.00	0.00	0.00	2.00	274.50
TOTALS	120.25	152.50	60.50	7.00	3.00	8.00	0.00	0.00	0.00	0.00	0.00	2.00	353.25

ITEM (2) - MATERIALS

Materials used in the restoration efforts were as follows:

Various Hardware & Supplies (nuts, bolts, etc)	\$ 1,497.24
Overhead Conductors & Devices	6,556.78
Overhead Wires	<u>3,048.13</u>
Total Materials Used	<u>\$11,102.15</u>

ITEM (3) - Local LDC's and Other Contractor Costs

Brant County Power - Crews & Equipment for power restoration	\$ 3,340.00
Brantford Power - Crews & Equipment for power restoration	1,637.87
Erie Thames Services - K-Line ~ Crews & Equipment for power restoration	2,719.48
K-Line Construction - Crews & Equipment for power restoration	100,609.70
Oakhill Tree Service - Crews & Equipment for emergency tree trimming	<u>23,962.50</u>
Total Amounts Paid to LDC's and Outside Contractors	<u>\$132,269.55</u>

Appendix B
Z Factor - Carrying Charges

Norfolk Power Distribution Inc

EB-2009-0238

Exhibit 2

Month	Principal Balance	Carrying Charge	
		Rate	Carrying Charge (\$)
01-Mar-07	\$164,234.76	0.38%	\$628.20
01-Apr-07	164,234.76	0.38%	\$628.20
01-May-07	164,234.76	0.38%	\$628.20
01-Jun-07	164,234.76	0.38%	\$628.20
01-Jul-07	164,234.76	0.38%	\$628.20
01-Aug-07	164,234.76	0.38%	\$628.20
01-Sep-07	164,234.76	0.38%	\$628.20
01-Oct-07	164,234.76	0.43%	\$703.47
01-Nov-07	164,234.76	0.43%	\$703.47
01-Dec-07	164,234.76	0.43%	\$703.47
01-Jan-08	164,234.76	0.43%	\$703.47
01-Feb-08	164,234.76	0.43%	\$703.47
01-Mar-08	164,234.76	0.43%	\$703.47
01-Apr-08	164,234.76	0.34%	\$558.40
01-May-08	164,234.76	0.34%	\$558.40
01-Jun-08	164,234.76	0.34%	\$558.40
01-Jul-08	164,234.76	0.28%	\$458.49
01-Aug-08	164,234.76	0.28%	\$458.49
01-Sep-08	164,234.76	0.28%	\$458.49
01-Oct-08	164,234.76	0.28%	\$458.49
01-Nov-08	164,234.76	0.28%	\$458.49
01-Dec-08	164,234.76	0.28%	\$458.49
01-Jan-09	164,234.76	0.20%	\$335.31
01-Feb-09	164,234.76	0.20%	\$335.31
01-Mar-09	164,234.76	0.20%	\$335.31
01-Apr-09	164,234.76	0.08%	\$136.86
01-May-09	164,234.76	0.08%	\$136.86
01-Jun-09	164,234.76	0.08%	\$136.86
01-Jul-09	164,234.76	0.05%	\$75.27
01-Aug-09	164,234.76	0.05%	\$75.27
01-Sep-09	164,234.76	0.05%	\$75.27
01-Oct-09	164,234.76	0.05%	\$75.27
01-Nov-09	164,234.76	0.05%	\$75.27
01-Dec-09	164,234.76	0.05%	\$75.27
01-Jan-10	164,234.76	0.05%	\$75.27
01-Feb-10	164,234.76	0.05%	\$75.27
01-Mar-10	164,234.76	0.05%	\$75.27
01-Apr-10	164,234.76	0.05%	\$75.27
Total	164,234.76		15,213.61
			179,448.37



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

LDC Information

Applicant Name	Norfolk Power Distribution Inc.
Application Type	IRM3
OEB Application Number	EB-2009-0238
Tariff Effective Date	May 1, 2010
LDC Licence Number	ED-2002-0521
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW

Contact Information

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Name of LDC: Norfolk Po
File Number: EB-2009-0
Effective Date: May 1, 201

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wer Distribution Inc.
1238
10

Purpose of Sheet

Enter LDC Data

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Name of LDC: Norfolk Power Distribution Inc.
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Current and Applied For Rate Classes General

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Customer - 12 per year	kWh
GSGT50	General Service 50 to 4,999 kW	Customer - 12 per year	kWh
SL	Street Lighting	Connection - 12 per year	kW
Sen	Sentinel Lighting	Connection - 12 per year	kW
USL	Unmetered Scattered Load	Connection - 12 per year	kWh
NA	Rate Class 7	NA	NA
NA	Rate Class 8	NA	NA
NA	Rate Class 9	NA	NA
NA	Rate Class 10	NA	NA
NA	Rate Class 11	NA	NA
NA	Rate Class 12	NA	NA
NA	Rate Class 13	NA	NA
NA	Rate Class 14	NA	NA
NA	Rate Class 15	NA	NA
NA	Rate Class 16	NA	NA
NA	Rate Class 17	NA	NA
NA	Rate Class 18	NA	NA
NA	Rate Class 19	NA	NA
NA	Rate Class 20	NA	NA
NA	Rate Class 21	NA	NA
NA	Rate Class 22	NA	NA
NA	Rate Class 23	NA	NA
NA	Rate Class 24	NA	NA
NA	Rate Class 25	NA	NA

EMB
Embedded Distributor
Low Voltage Wheeling Charge Rate

SB

Stand-By

Standby Pc

Standby Pc

Standby Pc

Standby - C

Standby Pc

Standby - C

Standby Pc

Standby - L

Standby Pc

Standby Di



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Current Smart Meter Funding Adder

Rate Adder	Smart Meter Funding Adder				
Tariff Sheet Disclosure	No				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.000000				
	Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount
	Residential	Yes	1.000000	Customer - 12 per year	0.000000
	General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000
	General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000

Vol Metric
kWh
kWh
kW

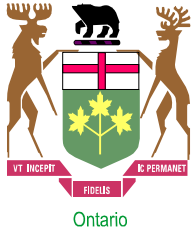


Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Deferral Account Rate Rider

Rate Rider	Deferral Account Rate Rider
Sunset Date	DD-MM-YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh



Name of LDC: Norfolk Power Distribution Inc.
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Foregone Distribution Revenue Rate Rider

Rate Rider

Sunset Date

Metric Applied To

Method of Application

Rate Class

Residential

General Service Less Than 50 kW

General Service 50 to 4,999 kW

Street Lighting

Sentinel Lighting

Unmetered Scattered Load

Foregone Distribution Revenue Rate Rider

DD/MM/YYYY

All Customers

Both Distinct

Applied to Class	Fixed Amount	Fixed Metric	Vol Amount
No	0.000000	Customer - 12 per year	0.000000
No	0.000000	Customer - 12 per year	0.000000
No	0.000000	Customer - 12 per year	0.000000
No	0.000000	Connection - 12 per year	0.000000
No	0.000000	Connection - 12 per year	0.000000
No	0.000000	Connection -12 per year	0.000000

Vol Metric

kWh

kWh

kW

kW

kW

kWh



Name of LDC: Norfolk Power Distribution Inc.
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Tax Change Rate Rider

Rate Rider	Tax Change Rate Rider
Sunset Date	April 30, 2010 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Both Distinct

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	-0.020000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	-0.040000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	-0.210000	Customer - 12 per year	-0.003400	kW
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.005000	kW
Sentinel Lighting	Yes	0.000000	Connection - 12 per year	-0.010900	kW
Unmetered Scattered Load	Yes	-0.020000	Connection -12 per year	0.000000	kWh



Name of LDC: Norfolk Power Distribution Inc.
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Current Low Voltage Volumetric Rate

Rate Description	Low Voltage Volumetric Rate
Select Tariff Sheet Disclosure	No - Embedded in Vol Rate
Metric Applied To	All Customers
Method of Application	Distinct Volumetric
Select Type of Re-Basing	2008 COS
2009 Stretch Factor	II
Price Cap Index Applied	1.011800

Rate Class		Re-Based Low Voltage	Applied PCI
Residential	kWh	0.000700	1.011800
General Service Less Than 50 kW	kWh	0.000600	1.011800
General Service 50 to 4,999 kW	kW	0.259100	1.011800
Street Lighting	kW	0.197600	1.011800
Sentinel Lighting	kW	0.200000	1.011800
Unmetered Scattered Load	kWh	0.000600	1.011800

Current Low Voltage

0.000700
0.000600
0.262200
0.199900
0.202400
0.000600



Name of LDC: Norfolk Power Distribution Inc.
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Current Rates and Charges General

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	22.92
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(00.02)
Distribution Volumetric Rate	\$/KWh	0.0199
Retail Transmission Rate – Network Service Rate	\$/KWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KWh	0.0049
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	50.74
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(00.04)
Distribution Volumetric Rate	\$/KWh	0.0146
Retail Transmission Rate – Network Service Rate	\$/KWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KWh	0.0043
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	245.37
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(00.21)
Distribution Volumetric Rate	\$/KW	3.9228
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/KW	(0.00340)
Retail Transmission Rate – Network Service Rate	\$/KW	1.8322
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KW	0.0000
Wholesale Market Service Rate	\$/KW	0.0000
Rural Rate Protection Charge	\$/KW	1.7109
Standard Supply Service – Administrative Charge (if applicable)	\$	0.0000
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	1.85
Distribution Volumetric Rate	\$/KW	6.4893
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/KW	(0.00500)
Retail Transmission Rate – Network Service Rate	\$/KW	1.3819
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KW	1.3227
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	6.15
Distribution Volumetric Rate	\$/KW	15.4239
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2010	\$/KW	(0.01090)
Retail Transmission Rate – Network Service Rate	\$/KW	1.3888
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KW	1.3503
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	26.55
Service Charge Tax Change Rate Rider – effective until April 30, 2010	\$	(00.02)
Distribution Volumetric Rate	\$/KWh	0.0156
Retail Transmission Rate – Network Service Rate	\$/KWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/KWh	0.0043
Wholesale Market Service Rate	\$/KWh	0.0052
Rural Rate Protection Charge	\$/KWh	0.0013

Standard Supply Service – Administrative Charge (if applicable)

\$

0.25



Name of LDC: Norfolk Power Distribution Inc.
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Base Distribution Rates General

Service Charge

Class	Metric	Current Rates	Smart Meter Funding Adder	Current Low Voltage
Residential	Customer - 12 per year	22.020000	-1.000000	0.000000
General Service Less Than 50 kW	Customer - 12 per year	50.740000	-1.000000	0.000000
General Service 50 to 4,999 kW	Customer - 12 per year	245.370000	-1.000000	0.000000
Street Lighting	Connection - 12 per year	1.850000	0.000000	0.000000
Sentinel Lighting	Connection - 12 per year	6.150000	0.000000	0.000000
Unmetered Scattered Load	Connection - 12 per year	26.550000	0.000000	0.000000

Distribution Volumetric Rate

Class	Metric	Current Rates	Smart Meter Funding Adder	Current Low Voltage
Residential	kWh	0.019900	0.000000	-0.000700
General Service Less Than 50 kW	kWh	0.014600	0.000000	-0.000600
General Service 50 to 4,999 kW	kWh	3.922800	0.000000	-0.262200
Street Lighting	kW	6.489300	0.000000	-0.199900
Sentinel Lighting	kW	15.423900	0.000000	-0.202400
Unmetered Scattered Load	kWh	0.015600	0.000000	-0.000600

Current Base Rates

21.020000
49.740000
244.370000
1.850000
6.150000
26.550000

Current Base Rates

0.019200
0.014000
3.660600
6.289400
15.221500
0.015000



Name of LDC: Norfolk Power Distribution Inc.
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Revenue Cost Ratio Adjustment from Supplemental Model

Rate Rebalancing Adjustment	Revenue Cost Ratio Adjustment
Metric Applied To	All Customers
Method of Application	Both Distinct\$

Monthly Service Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	Customer - 12 per year	21.020000	Yes	- 0.250000	0.250000
General Service Less Than 50 kW	Customer - 12 per year	49.740000	Yes	- 0.410000	0.410000
General Service 50 to 4,999 kW	Customer - 12 per year	244.370000	Yes	- 2.000000	2.000000
Street Lighting	Connection - 12 per year	1.850000	Yes	0.210000	0.210000
Sentinel Lighting	Connection - 12 per year	6.150000	Yes	1.270000	1.270000
Unmetered Scattered Load	Connection -12 per year	26.550000	Yes	- 0.220000	0.220000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	kWh	0.019200	Yes	0.000500	0.000500
General Service Less Than 50 kW	kWh	0.014000	Yes	0.000500	0.000500
General Service 50 to 4,999 kW	kWh	3.660600	Yes	0.230100	0.230100
Street Lighting	kW	6.289400	Yes	0.955500	0.955500
Sentinel Lighting	kW	15.221500	Yes	3.364100	3.364100
Unmetered Scattered Load	kWh	0.015000	Yes	0.000500	0.000500



Name of LDC: Norfolk Power Distribution Inc.
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 Effective Date: May 1, 2010

K-Factor Adjustment from Supplemental Model

Rate Rebalancing Adjustment	K-Factor Adjustment		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	-0.350%	Uniform Volumetric Charge Percent	-0.350% kWh -0.350% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	21.020000	Yes	-0.350%	-
General Service Less Than 50 kW	Customer - 12 per year	49.740000	Yes	-0.350%	-
General Service 50 to 4,999 kW	Customer - 12 per year	244.370000	Yes	-0.350%	-
Street Lighting	Connection - 12 per year	1.850000	Yes	-0.350%	-
Sentinel Lighting	Connection - 12 per year	6.150000	Yes	-0.350%	-
Unmetered Scattered Load	Connection - 12 per year	26.550000	Yes	-0.350%	-

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.019200	Yes	-0.350%	-
General Service Less Than 50 kW	kWh	0.014000	Yes	-0.350%	-
General Service 50 to 4,999 kW	kWh	3.660600	Yes	-0.350%	-
Street Lighting	kWh	6.289400	Yes	-0.350%	-
Sentinel Lighting	kWh	15.221500	Yes	-0.350%	-
Unmetered Scattered Load	kWh	0.015000	Yes	-0.350%	-



Name of LDC: Norfolk Power Distribution Inc.
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Rate Rebalanced Base Distribution Rates General

Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment	K-Factor Adjustment	Rate ReBal Base
Residential	Customer - 12 per year	21.020000	-0.250000	-0.073570	20.696430
General Service Less Than 50 kW	Customer - 12 per year	49.740000	0.000000	-0.174090	49.565910
General Service 50 to 4,999 kW	Customer - 12 per year	244.370000	0.000000	-0.855295	243.514705
Street Lighting	Connection - 12 per year	1.850000	0.000000	-0.006475	1.843525
Sentinel Lighting	Connection - 12 per year	6.150000	0.000000	-0.021525	6.128475
Unmetered Scattered Load	Connection -12 per year	26.550000	0.000000	-0.092925	26.457075

Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment	K-Factor Adjustment	Rate ReBal Base
Residential	kWh	0.019200	0.000500	-0.000067	0.019633
General Service Less Than 50 kW	kWh	0.014000	0.000500	-0.000049	0.014451
General Service 50 to 4,999 kW	kWh	3.660600	0.230100	-0.012812	3.877888
Street Lighting	kW	6.289400	0.955500	-0.022013	7.222887
Sentinel Lighting	kW	15.221500	3.364100	-0.053275	18.532325
Unmetered Scattered Load	kWh	0.015000	0.000500	-0.000053	0.015447



Name of LDC: Norfolk Power Distribution Inc.
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Price Cap Adjustment

Price Cap Adjustment	Price Cap Adjustment		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	1.180%	Uniform Volumetric Charge Percent	1.180% kWh 1.180% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	20.696430	Yes	1.180%	0.244218
General Service Less Than 50 kW	Customer - 12 per year	49.565910	Yes	1.180%	0.584878
General Service 50 to 4,999 kW	Customer - 12 per year	243.514705	Yes	1.180%	2.873474
Street Lighting	Connection - 12 per year	1.843525	Yes	1.180%	0.021754
Sentinel Lighting	Connection - 12 per year	6.128475	Yes	1.180%	0.072316
Unmetered Scattered Load	Connection -12 per year	26.457075	Yes	1.180%	0.312193

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.019633	Yes	1.180%	0.000232
General Service Less Than 50 kW	kWh	0.014451	Yes	1.180%	0.000171
General Service 50 to 4,999 kW	kW	3.877888	Yes	1.180%	0.045759
Street Lighting	kW	7.222887	Yes	1.180%	0.085230
Sentinel Lighting	kW	18.532325	Yes	1.180%	0.218681
Unmetered Scattered Load	kWh	0.015447	Yes	1.180%	0.000182



Name of LDC: Norfolk Power Distribution Inc.
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Applied for Smart Meter Funding Adder

Rate Adder	Smart Meter Funding Adder				
Tariff Sheet Disclosure	Yes				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.000000				
	Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount
	Residential	Yes	1.000000	Customer - 12 per year	0.000000
	General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000
	General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000

Vol Metric
kWh
kWh
kW



Name of LDC: Norfolk Power Distribution Inc.
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Tax Change Rate Rider

Rate Rider Tax Change Rate Rider
 Sunset Date April 30, 2011
DD/MM/YYYY
 Metric Applied To All Customers
 Method of Application Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	-0.000229	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	-0.000161	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.024371	kW
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.073393	kW
Sentinel Lighting	Yes	0.000000	Connection - 12 per year	-0.583198	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.000264	kWh



Name of LDC: Norfolk Power Distribution Inc.
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Lost Revenue Adjustment Mechanism (LRAM)
Recovery/Shared Savings Mechanism (SSM)
Recovery Rate Rider

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider
Sunset Date	April 30, 2011
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.001218	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000028	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.105111	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh



Name of LDC: Norfolk Power Distribution Inc.
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Deferral Account Rate Rider One

Rate Rider	Deferral Account Rate Rider One
Sunset Date	DDMMYYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount
Residential	No	0.000000	Customer - 12 per year	0.000000
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000
Street Lighting	No	0.000000	Connection - 12 per year	0.000000
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000

Vol Metric

kWh

kWh

kW

kW

kW

kWh



Name of LDC: Norfolk Power Distribution Inc.
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Deferral Account Rate Rider Two

Rate Rider	Deferral Account Rate Rider Two
Sunset Date	DD-MM-YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount
Residential	No	0.000000	Customer - 12 per year	0.000000
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000
General Service 50 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000
Street Lighting	No	0.000000	Connection - 12 per year	0.000000
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000

Vol Metric

kWh

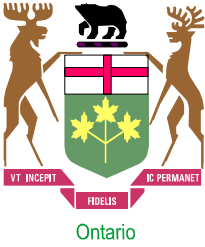
kWh

kW

kW

kW

kWh



Name of LDC: Norfolk Power Distribution Inc.
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Effective Date: May 1, 2010

Z-Factor Request

Rate Rider

Sunset Date

Metric Applied To

Method of Application

Rate Class

Residential

General Service Less Than 50 kW

General Service 50 to 4,999 kW

Street Lighting

Sentinel Lighting

Unmetered Scattered Load

Z-Factor Request

April 30, 2011
DD/MM/YYYY

All Customers

Both Distinct

Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Yes	0.000000	Customer - 12 per year	0.000785	kWh
Yes	0.000000	Customer - 12 per year	0.000532	kWh
Yes	0.000000	Customer - 12 per year	0.089077	kW
Yes	0.000000	Connection - 12 per year	0.245305	kW
Yes	0.000000	Connection - 12 per year	0.804858	kW
Yes	0.000000	Connection -12 per year	0.000972	kWh



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Applied For Low Voltage Volumetric Rate

Rate Description	Low Voltage Volumetric Rate	
Select Tariff Sheet Disclosure	Shown on Tariff Sheet	
Metric Applied To	All Customers	
Method of Application	Distinct Volumetric	
Rate Class		Applied for Low Voltage
Residential	kWh	0.000700
General Service Less Than 50 kW	kWh	0.000600
General Service 50 to 4,999 kW	kW	0.262200
Street Lighting	kW	0.199900
Sentinel Lighting	kW	0.202400
Unmetered Scattered Load	kWh	0.000600



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Applied For Distribution Rates General

Monthly Service Charge

Class	Metric	Base Rate	Final Base
Residential	Customer - 12 per year	20.940648	20.940648
General Service Less Than 50 kW	Customer - 12 per year	50.150788	50.150788
General Service 50 to 4,999 kW	Customer - 12 per year	246.388179	246.388179
Street Lighting	Connection - 12 per year	1.865279	1.865279
Sentinel Lighting	Connection - 12 per year	6.200791	6.200791
Unmetered Scattered Load	Connection -12 per year	26.769268	26.769268

Volumetric Distribution Charge

Class	Metric	Base Rate	Final Base
Residential	kWh	0.019865	0.019865
General Service Less Than 50 kW	kWh	0.014622	0.014622
General Service 50 to 4,999 kW	kW	3.923647	3.923647
Street Lighting	kW	7.308117	7.308117
Sentinel Lighting	kW	18.751006	18.751006
Unmetered Scattered Load	kWh	0.015629	0.015629



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Applied For TX Network General

Method of Application	Uniform Percentage				
Uniform Percentage	3.500%				
	Rate Class	Applied to Class			
	Residential	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004900	3.500%	0.000172	
	Rate Class	Applied to Class			
	General Service Less Than 50 kW	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004500	3.500%	0.000158	
	Rate Class	Applied to Class			
	General Service 50 to 4,999 kW	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kW	1.832200	3.500%	0.064127	
	Rate Class	Applied to Class			
	Street Lighting	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kW	1.381900	3.500%	0.048367	
	Rate Class	Applied to Class			
	Sentinel Lighting	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kW	1.388800	3.500%	0.048608	
	Rate Class	Applied to Class			
	Unmetered Scattered Load	Yes			
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004500	3.500%	0.000158	

Final Amount
0.005072

Final Amount
0.004658

Final Amount
1.896327

Final Amount
1.430267

Final Amount
1.437408

Final Amount
0.004658



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Applied For TX Connection General

Method of Application	Uniform Percentage			
Uniform Percentage	-2.200%			
	Rate Class	Applied to Class		
	Residential	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004900	-2.200%	-0.000108
	Rate Class	Applied to Class		
	General Service Less Than 50 kW	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004300	-2.200%	-0.000095
	Rate Class	Applied to Class		
	General Service 50 to 4,999 kW	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.710900	-2.200%	-0.037640
	Rate Class	Applied to Class		
	Street Lighting	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.322700	-2.200%	-0.029099
	Rate Class	Applied to Class		
	Sentinel Lighting	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.350300	-2.200%	-0.029707
	Rate Class	Applied to Class		
	Unmetered Scattered Load	Yes		
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004300	-2.200%	-0.000095

Final Amount
0.004792

Final Amount
0.004205

Final Amount
1.673260

Final Amount
1.293601

Final Amount
1.320593

Final Amount
0.004205



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Applied For Monthly Rates and Charges General

Rate Class

Residential

Rate Description	Metric
Service Charge	\$
Service Charge Smart Meter Funding Adder	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Volumetric Rate	\$/kWh
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mec	\$/kWh
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate Class

General Service Less Than 50 kW

Rate Description	Metric
Service Charge	\$
Service Charge Smart Meter Funding Adder	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Volumetric Rate	\$/kWh
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mec	\$/kWh
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric
Service Charge	\$
Service Charge Smart Meter Funding Adder	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mec	\$/kW
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW

Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate Class

Street Lighting

Rate Description	Metric
Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate Class

Sentinel Lighting

Rate Description	Metric
Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kW
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate Class

Unmetered Scattered Load

Rate Description	Metric
Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Volumetric Rate	\$/kWh
Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011	\$/kWh
Distribution Volumetric Z-Factor Request – effective until April 30, 2011	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh
Wholesale Market Service Rate	\$/kWh
Rural Rate Protection Charge	\$/kWh
Standard Supply Service – Administrative Charge (if applicable)	\$

Rate

20.94
1.00
0.0199
0.0007
(0.00023)
0.00122
0.00079
0.0051
0.0048
0.0052
0.0013
0.25

Rate

50.15
1.00
0.0146
0.0006
(0.00016)
0.00003
0.00053
0.0047
0.0042
0.0052
0.0013
0.25

Rate

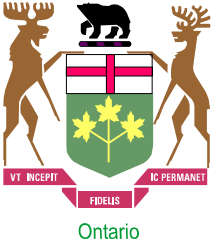
246.39
1.00
3.9236
0.2622
(0.02437)
0.10511
0.08908

1.8963
1.6733
0.0052
0.0013
0.25

Rate
1.87
7.3081
0.1999
(0.07339)
0.24531
1.4303
1.2936
0.0052
0.0013
0.25

Rate
6.20
18.7510
0.2024
(0.58320)
0.80486
1.4374
1.3206
0.0052
0.0013
0.25

Rate
26.77
0.0156
0.0006
(0.00026)
0.00097
0.0047
0.0042
0.0052
0.0013
0.25



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Current and Applied For Loss Factors

LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW
Total Loss Factor - Secondary Metered Customer > 5,000 kW
Total Loss Factor - Primary Metered Customer < 5,000 kW
Total Loss Factor - Primary Metered Customer > 5,000 kW

S

Current

1.0560
0.0000
1.0454
0.0000



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Summary of Changes To General Service Charge and Distribution Volumetric Charge

	Fixed (\$)	Volumetric \$/kWh
Residential		
Current Tariff Distribution Rates	22.02	0.0199
Less: Rate Adders Embedded in Tariff Rates		
Smart Meter Funding Adder	-1.00	0.0000
Low Voltage Volumetric Charge	0.00	-0.0007
Total: Rate Adders Embedded in Tariff Rates	-1.00	-0.0007
Current Base Distribution Rates	21.02	0.0192
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	-0.25	0.0005
K-Factor Adjustment	-0.07	-0.0001
Total Rate Rebalancing Adjustments	-0.32	0.0004
Price Cap Adjustments		
Price Cap Adjustment	0.24	0.0002
Total Price Cap Adjustments	0.24	0.0002
Applied For Base Distribution Rates	20.94	0.0199
Applied For Tariff Distribution Rates	20.94	0.0199
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
General Service Less Than 50 kW		
Current Tariff Rates	50.74	0.0146
Less: Rate Adders Embedded in Tariff Rates		
Smart Meter Funding Adder	-1.00	0.0000
Low Voltage Volumetric Charge	0.00	-0.0006
Total: Rate Adders Embedded in Tariff Rates	-1.00	-0.0006
Current Base Distribution Rates	49.74	0.01
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	0.00	0.0005
K-Factor Adjustment	-0.17	0.0000
Total Rate Rebalancing Adjustments	-0.17	0.0005
Price Cap Adjustments		
Price Cap Adjustment	0.58	0.0002
Total Price Cap Adjustments	0.58	0.0002
Applied For Base Distribution Rates	50.15	0.0146
Applied For Tariff Distribution Rates	50.15	0.0146
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kW
General Service 50 to 4,999 kW		
Current Tariff Rates	245.37	3.9228

Less: Rate Adders Embedded in Tariff Rates		
Smart Meter Funding Adder	-1.00	0.0000
Low Voltage Volumetric Charge	0.00	-0.2622
Total: Rate Adders Embedded in Tariff Rates	-1.00	-0.2622
Current Base Distribution Rates	244.37	3.66
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	0.00	0.2301
K-Factor Adjustment	-0.86	-0.0128
Total Rate Rebalancing Adjustments	-0.86	0.2173
Price Cap Adjustments		
Price Cap Adjustment	2.87	0.0458
Total Price Cap Adjustments	2.87	0.0458
Applied For Base Distribution Rates	246.39	3.9236
Applied For Tariff Distribution Rates	246.39	3.9236
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kW
Street Lighting	1.85	6.4893
Current Tariff Rates	1.85	6.4893
Less: Rate Adders Embedded in Tariff Rates		
Low Voltage Volumetric Charge	0.00	-0.1999
Total: Rate Adders Embedded in Tariff Rates	0.00	-0.1999
Current Base Distribution Rates	1.85	6.29
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	0.00	0.9555
K-Factor Adjustment	-0.01	-0.0220
Total Rate Rebalancing Adjustments	-0.01	0.9335
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.0852
Total Price Cap Adjustments	0.02	0.0852
Applied For Base Distribution Rates	1.87	7.3081
Applied For Tariff Distribution Rates	1.87	7.3081
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kW
Sentinel Lighting	6.15	15.4239
Current Tariff Rates	6.15	15.4239
Less: Rate Adders Embedded in Tariff Rates		
Low Voltage Volumetric Charge	0.00	-0.2024
Total: Rate Adders Embedded in Tariff Rates	0.00	-0.2024
Current Base Distribution Rates	6.15	15.22
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	0.00	3.3641
K-Factor Adjustment	-0.02	-0.0533
Total Rate Rebalancing Adjustments	-0.02	3.3108
Price Cap Adjustments		
Price Cap Adjustment	0.07	0.2187
Total Price Cap Adjustments	0.07	0.2187
Applied For Base Distribution Rates	6.20	18.7510
Applied For Tariff Distribution Rates	6.20	18.7510
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
Unmetered Scattered Load	26.55	0.0156
Current Tariff Rates	26.55	0.0156
Less: Rate Adders Embedded in Tariff Rates		
Low Voltage Volumetric Charge	0.00	-0.0006
Total: Rate Adders Embedded in Tariff Rates	0.00	-0.0006
Current Base Distribution Rates	26.55	0.02
Rate Rebalancing Adjustments		
Revenue Cost Ratio Adjustment	0.00	0.0005
K-Factor Adjustment	-0.09	-0.0001
Total Rate Rebalancing Adjustments	-0.09	0.0004
Price Cap Adjustments		
Price Cap Adjustment	0.31	0.0002
Total Price Cap Adjustments	0.31	0.0002
Applied For Base Distribution Rates	26.46	0.0154
Applied For Tariff Distribution Rates	26.77	0.0156
	0.00	0.0000



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Summary of Changes To Tariff Rate Adders

	Fixed	Volumetric
Residential	(\$)	\$/kWh

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Adders		
Smart Meter Funding Adder	1.00	0.0000
Total Proposed Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meter Funding Adder	1.00	0.0000
Total Proposed Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meter Funding Adder	1.00	0.0000
Total Proposed Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kWh

	Fixed	Volumetric
Street Lighting	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kWh

	Fixed	Volumetric
Sentinel Lighting	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kW
Proposed Tariff Rates Adders		

Total Proposed Tariff Rates Adders	0.00	0.0000
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Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Summary of Changes To Tariff Rate Riders

	Fixed (\$)	Volumetric \$/kWh
Residential		
Current Tariff Rates Riders		
Tax Change Rate Rider	-0.02	0.0000
Total Current Tariff Rates Riders	-0.02	0.0000

	Fixed (\$)	Volumetric \$/kWh
Residential		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0002
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider	0.00	0.0012
Z-Factor Request	0.00	0.0008
Total Proposed Tariff Rates Riders	0.00	0.0018

	Fixed (\$)	Volumetric \$/kWh
General Service Less Than 50 kW		
Current Tariff Rates Riders		
Tax Change Rate Rider	-0.04	0.0000
Total Current Tariff Rates Riders	-0.04	0.0000

	Fixed (\$)	Volumetric \$
General Service Less Than 50 kW		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0002
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider	0.00	0.0000
Z-Factor Request	0.00	0.0005
Total Proposed Tariff Rates Riders	0.00	0.0004

	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW		
Current Tariff Rates Riders		
Tax Change Rate Rider	-0.21	-0.0034
Total Current Tariff Rates Riders	-0.21	-0.0034

	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0244
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider	0.00	0.1051
Z-Factor Request	0.00	0.0891
Total Proposed Tariff Rates Riders	0.00	0.1698

	Fixed (\$)	Volumetric \$/kWh
Street Lighting		
Current Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0050
Total Current Tariff Rates Riders	0.00	-0.0050

	Fixed (\$)	Volumetric 0
Street Lighting		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0734
Z-Factor Request	0.00	0.2453
Total Proposed Tariff Rates Riders	0.00	0.1719

	Fixed (\$)	Volumetric \$/kWh
Sentinel Lighting		
Current Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0109
Total Current Tariff Rates Riders	0.00	-0.0109

	Fixed (\$)	Volumetric 0
Sentinel Lighting		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.5832
Z-Factor Request	0.00	0.8049
Total Proposed Tariff Rates Riders	0.00	0.2217

	Fixed (\$)	Volumetric 0
Unmetered Scattered Load		
Current Tariff Rates Riders		
Tax Change Rate Rider	-0.02	0.0000
Total Current Tariff Rates Riders	-0.02	0.0000

	Fixed (\$)	Volumetric \$/kW
Unmetered Scattered Load		
Proposed Tariff Rates Riders		
Tax Change Rate Rider	0.00	-0.0003
Z-Factor Request	0.00	0.0010
Total Proposed Tariff Rates Riders	0.00	0.0007



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Calculation of Bill Impacts

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Spilled For Rate
Service Charge	\$	26.55	26.77
Service Charge Rate Address)	\$	0.00	0.00
Service Charge Rate Riders)	\$	0.00	0.00
Distribution Volumetric Rate	\$/kWh	0.0158	0.0158
Distribution Volumetric Rate Address)	\$/kWh	0.0000	0.0000
Low Voltage Volumetric Rate	\$/kWh	0.0000	0.0000
Distribution Volumetric Rate Riders)	\$/kWh	0.0007	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043	0.0043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0043	0.0043
Wholesale Market Service Rate	\$/kWh	0.0002	0.0002
Rural Rate Premium Charge	\$/kWh	0.0013	0.0013
Standard Supply Service - Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000	kWh	-	kWh	Loss Factor 1.0560
RPP Tier One	750	kWh		Load Factor	

Unmetered Scattered Load

Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0526	43.75	201	0.0526	26.75	0.00	0.00%
Energy Second Tier (kWh)	1,352	0.0560	68.89	1,385	0.0560	69.89	0.00	0.00%
Sub-Total Energy						96.64	0.00	0.00%
Service Charge	1	26.55	26.55	1	26.77	26.77	0.02	0.01%
Service Charge Rate Address)	1	0.00	0.00	1	0.00	0.00	0.00%	0.00%
Service Charge Rate Riders)	1	0.00	0.00	1	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0158	31.20	2,000	0.0158	31.20	0.00	0.00%
Distribution Volumetric Rate Address)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00%	0.00%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00%	0.00%
Distribution Volumetric Rate Riders)	2,000	0.0000	0.00	2,000	0.0007	1.40	1.40	0.00%
Total - Distribution			62.75			62.75	2.84	4.4%
Retail Transmission Rate - Network Service Rate	2,112	0.0043	9.08	2,112	0.0047	9.93	0.43	4.3%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,112	0.0043	9.08	2,112	0.0047	9.93	0.21	0.3%
Total - Retail Transmission			18.55			19.86	0.22	7.46%
Sub-Total - Delivery (Distribution and Retail Transmission)			79.31			79.31	3.06	4.0%
Wholesale Market Service Rate	2,112	0.0002	0.42	2,112	0.0002	0.42	0.00	0.0%
Rural Rate Premium Charge	2,112	0.0013	2.75	2,112	0.0013	2.75	0.00	0.0%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%
Sub-Total - Regulatory			3.42			3.42	0.00	0.00%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%
Total Bill before Taxes			238.83			239.99	3.06	1.3%
GST	238.83	5%	11.94	239.99	5%	11.95	0.15	0.3%
Total Bill			248.78			251.99	3.21	1.3%

Rate Class Threshold Test

Unmetered Scattered Load

	kWh	500	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		528	2,112	7,500	15,040	21,120
Load Factor	kW					
Energy						
Applied For Bill	\$	30.10	\$ 130.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
Current Bill	\$	30.10	\$ 130.64	\$ 515.97	\$ 1,038.69	\$ 1,387.17
\$ Impact	\$	0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
% Impact	%	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	%	37.1%	52.6%	58.2%	59.3%	59.6%
Distribution						
Applied For Bill	\$	39.92	\$ 48.99	\$ 103.98	\$ 380.39	\$ 564.80
Current Bill	\$	34.33	\$ 57.73	\$ 143.53	\$ 260.53	\$ 338.53
\$ Impact	\$	0.89	\$ 2.86	\$ 19.05	\$ 19.86	\$ 26.60
% Impact	%	2.6%	5.0%	7.0%	7.6%	7.8%
% of Total Bill	%	43.4%	24.0%	17.3%	16.0%	15.7%
Retail Transmission						
Applied For Bill	\$	4.70	\$ 18.80	\$ 70.48	\$ 140.96	\$ 187.96
Current Bill	\$	0.05	\$ 15.59	\$ 69.70	\$ 139.39	\$ 185.59
\$ Impact	\$	0.05	\$ 0.22	\$ 0.78	\$ 1.59	\$ 2.10
% Impact	%	1.1%	1.2%	1.1%	1.1%	1.1%
% of Total Bill	%	5.8%	7.5%	8.0%	8.0%	8.1%
Delivery (Distribution and Retail Transmission)						
Applied For Bill	\$	39.62	\$ 79.39	\$ 224.06	\$ 421.37	\$ 552.89
Current Bill	\$	39.00	\$ 76.31	\$ 213.23	\$ 399.92	\$ 524.99
\$ Impact	\$	0.94	\$ 3.08	\$ 19.83	\$ 21.45	\$ 28.50
% Impact	%	2.4%	4.0%	5.1%	5.4%	5.4%
% of Total Bill	%	49.2%	31.5%	25.3%	24.1%	23.7%
Regulatory						
Applied For Bill	\$	3.69	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.50
Current Bill	\$	3.69	\$ 13.98	\$ 51.73	\$ 103.21	\$ 137.50
\$ Impact	\$	0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
% Impact	%	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	%	4.6%	5.5%	5.8%	5.9%	5.9%
Debt Retirement Charge						
Applied For Bill	\$	3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
Current Bill	\$	3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
\$ Impact	\$	0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
% Impact	%	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	%	4.3%	5.6%	5.9%	6.0%	6.0%
GST						
Applied For Bill	\$	3.86	\$ 12.00	\$ 42.21	\$ 83.41	\$ 110.88
Current Bill	\$	3.81	\$ 11.85	\$ 41.67	\$ 82.84	\$ 109.45
\$ Impact	\$	0.05	\$ 0.15	\$ 0.54	\$ 1.07	\$ 1.43
% Impact	%	1.3%	1.3%	1.3%	1.3%	1.3%
% of Total Bill	%	4.8%	4.8%	4.8%	4.8%	4.8%
Total Bill						
Applied For Bill	\$	81.07	\$ 252.01	\$ 886.47	\$ 1,751.68	\$ 2,328.47
Current Bill	\$	80.08	\$ 248.78	\$ 876.10	\$ 1,729.61	\$ 2,285.54
\$ Impact	\$	0.99	\$ 3.23	\$ 11.37	\$ 22.07	\$ 29.93
% Impact	%	1.2%	1.3%	1.3%	1.3%	1.3%
Rounding Applied		0.000000				



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Current and Applied For Allowances

Allowances	Metric	Current
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)
	\$/kW	

Other Allow
Deferral Ac



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Current and Applied For Retail Service Charges

Retail Service Charges (if applicable)	Metric	Current
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		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

LDC Information

Applicant Name	Norfolk Power Distribution Inc.
OEB Application Number	EB-2009-0238
LDC Licence Number	ED-2002-0521
Applied for Effective Date	May 1, 2010
Stretch Factor Group	II
Stretch Factor Value	0.4%
Re-based Year	2008
Most Recent Year Reported	2008



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

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Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 WS Completion Guide	Worksheet Completion Guide
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates
B1.2 Removal of Rate Adders	Removal of Rate Adders
B1.3 Re-Based Rev From Rates	Calculated Re-Based Revenue From Rates
B1.4 Re-Based Rev Req	Detailed Re-Based Revenue From Rates
B2.1 2009 Base Dist Rates	2009 Base Distribution Rates
B2.2 CA Information	Enter Cost Allocation Information
B2.3 New Starting Point	Calculate New Starting Point for 2008 Re-Based Decisions
C1.1 Decision Cost Revenue Adj	Decision - Cost Revenue Adjustments by Rate Class
C1.2 Revenue Offsets Allocation	Revenue Offsets Allocation
C1.3 Transformer Allowance	Transformer Allowance
C1.4 R C Ratio Revenue	Revenue / Cost Ratio Revenue
C1.5 Proposed R C Ratio Adj	Proposed Revenue / Cost Ratio Adjustment
C1.6 Proposed Revenue	Proposed Revenue from Revenue / Cost Ratio Adjustment
C1.7 Proposed F V Rev Alloc	Proposed Fixed Variable Revenue Allocation
C1.8 Proposed F V Rates	Proposed Fixed and Variable Rates
C1.9 Adjust To Proposed Rates	Adjustment required to Proposed Rates
D1.1 Ld Act-Mst Rcent Yr	Enter Billing Determinants for most recent actual year (i.e. 2007)
E1.1 CapitalStructureTransition	Shows the determination of change required for capital transition
E1.2 K-Factor Adjustment	Calculates the K-Factor to be used in determination of rates
F1.1 Z-Factor Tax Changes	Sharing formula for Tax changes - this is very preliminary
F1.3 Calc Tax Chg RRider Var	Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation
G1.1 Threshold Parameters	Shows calculation of Price Cap and Growth used for incremental capital threshold calculation
G2.1 Threshold Test	Input sheet to calculate Threshold and Incremental Capital
G3.1 Summary of I C Projects	Summary of Incremental Capital Projects
G4.1 IncrementalCapitalAdjust	Shows Calculation of Incremental Capital Revenue Requirement
G4.2 Incr Cap RRider Opt A FV	Option A - Calculation of Incremental Capital Rate Rider - Fixed & Variable Split
G4.3 Incr Cap RRider Opt B Var	Option B - Calculation of Incremental Capital Rate Rider - Variable Allocation



Name of LDC: Norfolk Power Distribution Inc.
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Worksheet Completion Guide

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- 2 Z Factor Tax Changes [F1.1 Z-Factor Tax Changes](#)
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6 Incremental Capital Module

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[G4.2 Incr Cap RRider Opt A FV](#)

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Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Rate Class and Re-Based Billing Determinants & Rates

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Tariff Service Charge D	Re-based Tariff Distribution Volumetric Rate kWh E	Re-based Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	16,607	147,447,515		21.91	0.0198	
GSLT50	General Service Less Than 50 kW	Customer	kWh	2,058	64,081,972		50.33	0.0145	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	166	189,745,291	403,334	243.37		3.8907
USL	Unmetered Scattered Load	Connection	kWh	51	406,396		26.33	0.0155	
Sen	Sentinel Lighting	Connection	kW	400	342,469	345	4.90		12.2817
SL	Street Lighting	Connection	kW	3,091	3,101,236	9,478	1.60		5.6166
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Removal of Rate Adders

Rate Class	Re-based Tariff		Re-based Tariff		Service Charge Adders	Distribution Volumetric kWh Rate Adders	Distribution Volumetric kW Rate Adders	Re-based Base		Re-based Base
	Re-based Tariff Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Re-based Base Service Charge				Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	
	A	B	C	D	E	F	H = A - D	I = B - E	J = C - F	
Residential	21.91	0.0198	0.0000	1.00	0.0000	0.0000	20.91	0.0198	0.0000	
General Service Less Than 50 kW	50.33	0.0145	0.0000	1.00	0.0000	0.0000	49.33	0.0145	0.0000	
General Service 50 to 4,999 kW	243.37	0.0000	3.8907	1.00	0.0000	0.0000	242.37	0.0000	3.8907	
Unmetered Scattered Load	26.33	0.0155	0.0000	0.00	0.0000	0.0000	26.33	0.0155	0.0000	
Sentinel Lighting	4.90	0.0000	12.2817	0.00	0.0000	0.0000	4.90	0.0000	12.2817	
Street Lighting	1.60	0.0000	5.6166	0.00	0.0000	0.0000	1.60	0.0000	5.6166	



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Calculated Re-Based Revenue From Rates

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Base Service Charge D	Re-based Base Distribution Volumetric Rate kWh E	Re-based Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate	Distribution Volumetric Rate	Revenue Requirement from Rates J = G + H + I
								Revenue kWh H = B * E	Revenue kW I = C * F	
Residential	16,607	147,447,515	0	20.91	0.0198	0.0000	4,167,028	2,919,461	0	7,086,489
General Service Less Than 50 kW	2,058	64,081,972	0	49.33	0.0145	0.0000	1,218,254	929,189	0	2,147,442
General Service 50 to 4,999 kW	166	189,742,291	403,394	242.37	0.0000	3,9997	402,801	0	1,569,252	2,052,053
Unmetered Scattered Load	51	406,396	0	25.33	0.0155	0.0000	16,114	6,299	0	22,413
Sentinel Lighting	400	342,469	345	4.90	0.0000	12,2817	23,520	0	4,237	27,757
Street Lighting	3,091	3,101,236	9,478	1.60	0.0000	5,6166	59,247	0	53,234	112,581
							5,967,664	3,854,949	1,626,793	11,449,796



Name of LDC: Norfolk Power Distribution Inc.
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Detailed Re-Based Revenue From Rates

Applicants Rate Base	Last Rate Re-based Amount		
Average Net Fixed Assets			
Gross Fixed Assets - Re-based Opening	\$ 61,773,894	A	
Add: CWIP Re-based Opening		B	
Re-based Capital Additions	\$ 6,008,600	C	
Re-based Capital Disposals		D	
Re-based Capital Retirements	-\$ 1,511,301	E	
Deduct: CWIP Re-based Closing		F	
Gross Fixed Assets - Re-based Closing	\$ 66,271,193	G	
Average Gross Fixed Assets			\$ 64,022,544 H = (A + G) / 2
Accumulated Depreciation - Re-based Opening	\$ 20,245,519	I	
Re-based Depreciation Expense	\$ 2,754,090	J	
Re-based Disposals		K	
Re-based Retirements	-\$ 1,511,301	L	
Accumulated Depreciation - Re-based Closing	\$ 21,488,308	M	
Average Accumulated Depreciation			\$ 20,866,914 N = (I + M) / 2
Average Net Fixed Assets			\$ 43,155,630 O = H - N
Working Capital Allowance			
Working Capital Allowance Base	\$ 33,307,800	P	
Working Capital Allowance Rate	15.0%	Q	
Working Capital Allowance			\$ 4,996,170 R = P * Q
Rate Base			\$ 48,151,800 S = O + R
Return on Rate Base			
Deemed ShortTerm Debt %	4.00%	T	\$ 1,926,072 W = S * T
Deemed Long Term Debt %	49.30%	U	\$ 23,738,837 X = S * U
Deemed Equity %	46.70%	V	\$ 22,486,891 Y = S * V
Short Term Interest	4.47%	Z	\$ 86,095 AC = W * Z
Long Term Interest	6.10%	AA	\$ 1,448,069 AD = X * AA
Return on Equity	8.57%	AB	\$ 1,927,127 AE = Y * AB
Return on Rate Base			\$ 3,461,291 AF = AC + AD + AE
Distribution Expenses			
OM&A Expenses	\$ 4,339,137	AG	
Amortization	\$ 2,754,090	AH	
Ontario Capital Tax (F1.1 Z-Factor Tax Changes)	\$ 74,592	AI	
Grossed Up PILs (F1.1 Z-Factor Tax Changes)	\$ 909,446	AJ	
Low Voltage	\$ 252,864	AK	
Transformer Allowance	\$ 122,506	AL	
		AM	
		AN	
		AO	
			\$ 8,452,635 AP = SUM (AG : AO)
Revenue Offsets			
Specific Service Charges	-\$ 253,800	AQ	
Late Payment Charges	-\$ 101,500	AR	
Other Distribution Income	-\$ 58,700	AS	
Other Income and Deductions	-\$ 50,000	AT	-\$ 464,000 AU = SUM (AQ : AT)
Revenue Requirement from Distribution Rates			\$ 11,449,926 AV = AF + AP + AU
Rate Classes Revenue			
Rate Classes Revenue - Total (B1.1 Re-based Revenue - Gen)			\$ 11,448,736 AW
Difference			\$ 1,190 AZ = AV - AW
Difference (Percentage - should be less than 1%)			0.01% BA = AZ / AW



Name of LDC: Norfolk Power Distribution Inc.
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2009 Base Distribution Rates

Rate Class	Fixed Metric	Vol Metric	Current Base Service Charge	Current Base Distribution Volumetric Rate kWh	Current Base Distribution Volumetric Rate kW
Residential	Customer	kWh	21.02	0.0192	
General Service Less Than 50 kW	Customer	kWh	49.74	0.0140	
General Service 50 to 4,999 kW	Customer	kW	244.37		3.6606
Unmetered Scattered Load	Connection	kWh	26.55	0.0150	
Sentinel Lighting	Connection	kW	6.15		15.2215
Street Lighting	Connection	kW	1.85		6.2894

Enter the values from Sheet
 "C7.1 Base Dist Rates Gen"
 of the 2010 OEB IRM3 Rate



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Cost Allocation Information

Rate Class	2006 EDR	2006 Cost Allocation Informational Filing				Allocation of TOA	Revised Total Revenue	Revenue Requirement	Revenue to Cost Ratio
	TOA Sheet 6-3	Total Revenue	Revenue Requirement	Revenue To Cost Ratio	TOA Allocators				
	A	B	C	D = B / C	E	G = F * E	H = B - A	I = C - G	J = H / I
Residential		5,923,902	5,709,486	103.76%	48.54%	62,332	5,923,902	5,647,154	104.90%
General Service Less Than 50 kW		1,805,078	1,879,684	96.03%	29.90%	38,396	1,805,078	1,841,288	98.03%
General Service 50 to 4,999 kW	128,413	1,589,026	1,550,294	102.50%	20.59%	26,440	1,460,613	1,523,854	95.85%
Unmetered Scattered Load		21,138	21,468	98.46%		0	21,138	21,468	98.46%
Sentinel Lighting		11,157	56,922	19.60%		0	11,157	56,922	19.60%
Street Lighting		58,636	191,082	30.69%	0.97%	1,246	58,636	189,836	30.89%
Total		9,408,937	9,408,936	100.00%	100.00%		9,280,524	9,280,523	100.00%
Transformer Ownership Allowance	128,413					128,413			



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Calculate New Starting Point for 2008 Re-Based Decisions

Rate Class	2008 Decision	2008	2009	2010	2011	2012	Point	2008	2009	2010	2011	2012
	A	B	C	D	E	F	G	H = B * (G / A)	I = C * (G / A)	J = D * (G / A)	K = E * (G / A)	L = F * (G / A)
Residential	103.76%	102.60%	102.30%	102.00%	102.00%	102.00%	104.90%	103.73%	103.43%	103.13%	103.13%	103.13%
General Service Less Than 50 kW	96.03%	99.10%	99.10%	99.10%	99.10%	99.10%	98.03%	101.17%	101.17%	101.17%	101.17%	101.17%
General Service 50 to 4,999 kW	102.50%	98.80%	98.80%	98.80%	98.80%	98.80%	95.85%	92.39%	92.39%	92.39%	92.39%	92.39%
Unmetered Scattered Load	98.46%	100.70%	100.70%	100.70%	100.70%	100.70%	98.46%	100.70%	100.70%	100.70%	100.70%	100.70%
Sentinel Lighting	19.60%	47.00%	58.50%	70.00%	70.00%	70.00%	19.60%	47.00%	58.50%	70.00%	70.00%	70.00%
Street Lighting	30.69%	54.30%	62.20%	70.00%	70.00%	70.00%	30.89%	54.66%	62.61%	70.46%	70.46%	70.46%



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Decision - Cost Revenue Adjustments by Rate Class

Rate Class	Group	Pre -Rebased	Rebased	Transition	Transition	Transition	Transition
		Year 2007	Year 2008	Year 2 2009	Year 3 2010	Year 4 2011	Year 5 2012
Residential	Rebalance	104.90%	103.73%	103.43%	tbd	tbd	tbd
General Service Less Than 50 kW	No Change	98.03%	101.17%	101.17%	101.17%	101.17%	101.17%
General Service 50 to 4,999 kW	No Change	95.85%	92.39%	92.39%	92.39%	92.39%	92.39%
Unmetered Scattered Load	No Change	98.46%	100.70%	100.70%	100.70%	100.70%	100.70%
Sentinel Lighting	Change	19.60%	47.00%	58.50%	70.00%	70.00%	70.00%
Street Lighting	Change	30.89%	54.66%	62.61%	70.00%	70.00%	70.00%



Name of LDC: Norfolk Power Distribution Inc.
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Revenue Offsets Allocation

Rate Class	Informational Filing		Allocated Revenue Offsets
	Revenue Offsets	Percentage Split	
	A	C = A / B	E = D * C
Residential	337,636	67.75%	314,356
General Service Less Than 50 kW	100,211	20.11%	93,301
General Service 50 to 4,999 kW	51,562	10.35%	48,007
Unmetered Scattered Load	3,540	0.71%	3,296
Sentinel Lighting	1,457	0.29%	1,357
Street Lighting	3,956	0.79%	3,683
	498,362	100.00%	464,000
	B		D



Name of LDC: Norfolk Power Distribution Inc.
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Transformer Allowance

Rate Class	Transformer Allowance In Rate	Transformer Allowance A	Transformer Allowance kW's C	Transformer Allowance Rate E	Volumetric Distribution Rate F	Billed kW's G	Adjusted Volumetric Distribution Rate $I = (F * (G - C) + (F - E) * C) / G$
Residential	No						
General Service Less Than 50 kW	No						
General Service 50 to 4,999 kW	Yes	122,506	204,177	0.6000	3.8907	403,334	3.5870
Unmetered Scattered Load	No						
Sentinel Lighting	No						
Street Lighting	No						
		<u>122,506</u>	<u>204,177</u>			<u>403,334</u>	
		B	D			H	
		0					



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
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Revenue / Cost Ratio Revenue

Rate Class	Billed Customers or Connections A	Billed kWh B	Billed kW C	Base Service Charge D	Base Distribution Volumetric Rate kWh E	Base Distribution Volumetric Rate kW F	Service Charge G = A * D * 12	Rate kWh H = B * E	Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I	Allocated Revenue Offset K	Adjusted Revenue L = J + K
Residential	16,607	147,447,515	0	20.91	0.0198	0.0000	4,167,028	2,919,461	0	7,086,489	314,356	7,400,845
General Service Less Than 50 kW	2,058	64,081,972	0	49.33	0.0145	0.0000	1,218,254	929,189	0	2,147,442	93,301	2,240,744
General Service 50 to 4,999 kW	166	189,745,291	403,334	242.37	0.0000	3.5870	482,801	0	1,446,745	1,929,546	48,007	1,977,553
Unmetered Scattered Load	51	406,396	0	26.33	0.0155	0.0000	16,114	6,299	0	22,413	3,296	25,709
Sentinel Lighting	400	342,469	345	4.90	0.0000	12.2817	23,520	0	4,237	27,757	1,357	29,114
Street Lighting	3,091	3,101,236	9,478	1.60	0.0000	5.6166	59,347	0	53,234	112,581	3,683	116,265
							5,967,064	3,854,949	1,504,217	11,326,230	464,000	11,790,230



Name of LDC: Norfolk Power Distribution Inc.
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 Effective Date: May 1, 2010

Proposed Revenue / Cost Ratio Adjustment

Rate Class	Adjusted Revenue A	Current Revenue Cost Ratio B	Re-Allocated Cost C = A / B	Proposed Revenue Cost Ratio D	Final Adjusted Revenue E = C * D	Dollar Change F = E - C
Residential	\$ 7,400,845	1.04	\$ 7,134,550	1.03	\$ 7,353,959	-\$ 46,886
General Service Less Than 50 kW	\$ 2,240,744	1.01	\$ 2,214,907	1.01	\$ 2,240,744	\$ -
General Service 50 to 4,999 kW	\$ 1,977,553	0.92	\$ 2,140,407	0.92	\$ 1,977,553	\$ -
Unmetered Scattered Load	\$ 25,709	1.01	\$ 25,530	1.01	\$ 25,709	\$ -
Sentinel Lighting	\$ 29,114	0.47	\$ 61,944	0.70	\$ 43,361	\$ 14,247
Street Lighting	\$ 116,265	0.55	\$ 212,719	0.70	\$ 148,904	\$ 32,639
	<u>\$ 11,790,230</u>		<u>\$ 11,790,058</u>		<u>\$ 11,790,230</u>	<u>-\$ 0</u>

Out of Balance -
 Final ? Yes

Percentage Change

$G = (E / C) - 1$

-0.6%

0.0%

0.0%

0.0%

48.9%

28.1%

0.0%



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Proposed Revenue from Revenue / Cost Ratio Adjustment

Rate Class	Adjusted Revenue By Revenue Cost Ratio A	Allocated Re-Based Revenue Offsets B	Revenue Requirement from Rates Before Transformer Allowance C = A - B	Re-based Transformer Allowance D	Revenue Requirement from Rates E = C + D
Residential	\$ 7,353,959	\$ 314,356	\$ 7,039,603	\$ -	\$ 7,039,603
General Service Less Than 50 kW	\$ 2,240,744	\$ 93,301	\$ 2,147,442	\$ -	\$ 2,147,442
General Service 50 to 4,999 kW	\$ 1,977,553	\$ 48,007	\$ 1,929,546	\$ 122,506	\$ 2,052,053
Unmetered Scattered Load	\$ 25,709	\$ 3,296	\$ 22,413	\$ -	\$ 22,413
Sentinel Lighting	\$ 43,361	\$ 1,357	\$ 42,004	\$ -	\$ 42,004
Street Lighting	\$ 148,904	\$ 3,683	\$ 145,220	\$ -	\$ 145,220
	<u>\$ 11,790,230</u>	<u>\$ 464,000</u>	<u>\$ 11,326,230</u>	<u>\$ 122,506</u>	<u>\$ 11,448,736</u>



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Proposed Fixed Variable Revenue Allocation

Rate Class	Revenue Requirement from Rates A	Service Charge % Revenue B
Residential	\$ 7,039,603	58.8%
General Service Less Than 50 kW	\$ 2,147,442	56.7%
General Service 50 to 4,999 kW	\$ 2,052,053	23.5%
Unmetered Scattered Load	\$ 22,413	71.9%
Sentinel Lighting	\$ 42,004	84.7%
Street Lighting	\$ 145,220	52.7%
	<u>\$ 11,448,736</u>	

Distribution Volumetric Rate	% Revenue	Distribution Volumetric Rate	% Revenue
kWh		kW	
C		D	
41.2%		0.0%	
43.3%		0.0%	
0.0%		76.5%	
28.1%		0.0%	
0.0%		15.3%	
0.0%		47.3%	

Service Charge Revenue		Distribution Volumetric Rate Revenue		Distribution Volumetric Rate Revenue		Revenue Requirement from Rates by Rate Class	
E = A * B		kWh		kW		H = E + F + G	
E = A * B		F = A * C		G = A * D		H = E + F + G	
\$	4,139,458	\$	2,900,145	\$	-	\$	7,039,603
\$	1,218,254	\$	929,189	\$	-	\$	2,147,442
\$	482,801	\$	-	\$	1,569,252	\$	2,052,053
\$	16,114	\$	6,299	\$	-	\$	22,413
\$	35,592	\$	-	\$	6,412	\$	42,004
\$	76,553	\$	-	\$	68,668	\$	145,220
\$	5,968,772	\$	3,835,633	\$	1,644,331	\$	11,448,736



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Proposed Fixed and Variable Rates

Rate Class	Distribution Volumetric Rate Revenue			Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Proposed Base Service Charge	Proposed Base Distribution Volumetric Rate kWh	Proposed Base Distribution Volumetric Rate kW
	Service Charge Revenue	kWh	kW						
	A	B	C	D	E	F	G = A / D / 12	H = B / E	I = C / F
Residential	\$ 4,139,450	\$ 2,900,145	\$ -	16,607	147,447,515	0	20.77	0.0197	-
General Service Less Than 50 kW	\$ 1,218,254	\$ 929,189	\$ -	2,058	64,081,972	0	49.33	0.0145	-
General Service 50 to 4,999 kW	\$ 482,801	\$ -	\$ 1,369,252	166	180,749,291	403,384	242.37	-	3.8907
Unmetered Scattered Load	\$ 16,114	\$ 6,299	\$ -	51	426,396	0	26.33	0.0155	-
Street Lighting	\$ 35,582	\$ -	\$ 6,412	400	342,489	340	7.42	-	18.5656
Street Lighting	\$ 70,553	\$ -	\$ 68,668	3,291	3,101,236	9,478	2.06	-	7.2449



Name of LDC: Norfolk Power Distribution Inc.
 File Number: 23-2002-2025
 Effective Date: May 1, 2019

Adjustment required to Proposed Rates

Rate Class	Proposed Base Service Charge A	Proposed Base Distribution Volumetric Rate kWh B	Proposed Base Distribution Volumetric Rate kW C	Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F	Adjustment Required Base Service Charge G=A-D	Adjustment Required Base Distribution Volumetric Rate kWh H=B-E
Residential	\$ 2077	\$ 0.0107	-	\$ 2020	\$ 0.0100	-	\$ 57	\$ 0.0007
General Service Less Than 50 kW	\$ 4833	\$ 0.0145	-	\$ 4625	\$ 0.0140	-	\$ 208	\$ 0.0005
General Service Over 50kW	\$ 4937	-	\$ 2.887	\$ 4625	-	\$ 2.887	\$ 312	\$ -
Unmetered Scaled Load	\$ 9535	\$ 0.0155	-	\$ 9515	\$ 0.0150	-	\$ 20	\$ 0.0005
Street Lighting	\$ 242	-	\$ 7.240	\$ 425	-	\$ 15.2215	\$ -183	\$ -7.240
Street Lighting	\$ 206	-	-	\$ 185	-	\$ 0.284	\$ 21	\$ -

Rate File Number: 23-2002-2025
 Title: Distribution Cost Rates, A-F
 as the 2019 LDC Rate File Document

Adjustment Required Base Distribution Volume Risk MW	
LCF	
1	0.000
2	0.000
3	0.000
4	0.000
5	0.000
6	0.000
7	0.000
8	0.000
9	0.000
10	0.000
11	0.000
12	0.000
13	0.000
14	0.000
15	0.000
16	0.000
17	0.000
18	0.000
19	0.000
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92	0.000
93	0.000
94	0.000
95	0.000
96	0.000
97	0.000
98	0.000
99	0.000
100	0.000



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Load Actual - Most Recent Year

Most Recent Year Reported - 2008

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections			Billed kWh	Billed kW	Base Service Charge	Base Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue		Total Revenue by Rate Class
			A	B	C							kWh	kW	
Residential	Customer	kWh	16,547	140,646,761	0		\$20.91	\$0.0198	\$0.0000	\$4,151,973	\$2,784,806	\$0	\$6,936,779	
General Service Less Than 50 kW	Customer	kWh	2,097	63,223,253	0		\$48.33	\$0.0145	\$0.0000	\$1,241,340	\$916,737	\$0	\$2,158,077	
General Service 50 to 4,999 kW	Customer	kWh	162	168,862,291	361,081		\$242.37	\$0.0000	\$3,8907	\$471,167	\$0	\$1,404,858	\$1,876,025	
Unmetered Scattered Load	Connection	kWh	51	361,353	0		\$26.33	\$0.0155	\$0.0000	\$16,114	\$5,601	\$0	\$21,715	
Sentinel Lighting	Connection	kWh	354	332,424	818		\$4.90	\$0.0000	\$12,2817	\$20,815	\$0	\$10,046	\$30,862	
Street Lighting	Connection	kWh	9,879	3,073,986	9,279		\$1.60	\$0.0000	\$5,6196	\$73,477	\$0	\$52,116	\$125,593	
											\$5,975,867	\$3,707,144	\$1,467,021	\$11,150,031



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Capital Structure Transition

Capital Structure Transition

Size of Utility (Rate Base)

Year	Small [\$0, \$100M)			Med-Small [\$100M, \$250M)			Med-Large [\$250M, \$1B)			Large >=\$1B		
	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity
2007	4.0%	46.0%	50.0%	4.0%	51.0%	45.0%	4.0%	56.0%	40.0%	4.0%	61.0%	35.0%
2008	4.0%	49.3%	46.7%	4.0%	53.5%	42.5%	4.0%	56.0%	40.0%	4.0%	58.5%	37.5%
2009	4.0%	52.7%	43.3%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%
2010	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%

Rate Base	A	\$48,151,800
Size of Utility	B	Small

Deemed Capital Structure

	Short Term	Long Term	Equity
	Debt	Debt	
2008	4.0%	49.3%	46.7%
2009	4.0%	52.7%	43.3%
2010	4.0%	56.0%	40.0%



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

K-Factor Adjustment

Applicants Rate Base			Last Rate Re-Basing Amount	
Average Net Fixed Assets				
Gross Fixed Assets - Re-Basing Opening	\$ 61,773,894		A	
Add: CWIP Re-Basing Opening	\$ -		B	
Re-Basing Capital Additions	\$ 6,008,600		C	
Re-Basing Capital Disposals	\$ -		D	
Re-Basing Capital Retirements	-\$ 1,511,301		E	
Deduct: CWIP Re-Basing Closing	\$ -		F	
Gross Fixed Assets - Re-Basing Closing	\$ 66,271,193		G	
Average Gross Fixed Assets		\$ 64,022,544		H
Accumulated Depreciation - Re-Basing Opening	\$ 20,245,519		I	
Re-Basing Depreciation Expense	\$ 2,754,090		J	
Re-Basing Disposals	\$ -		K	
Re-Basing Retirements	-\$ 1,511,301		L	
Accumulated Depreciation - Re-Basing Closing	\$ 21,488,308		M	
Average Accumulated Depreciation		\$ 20,866,914		N
Average Net Fixed Assets		\$ 43,155,630		O
Working Capital Allowance				
Working Capital Allowance Base	\$ 33,307,800		P	
Working Capital Allowance Rate	15.0%		Q	
Working Capital Allowance		\$ 4,996,170		R
Rate Base		\$ 48,151,800		S
Return on Rate Base				
Deemed ShortTerm Debt %	4.00%	T \$ 1,926,072		W
Deemed Long Term Debt %	56.00%	U \$ 26,965,008		X
Deemed Equity %	40.00%	V \$ 19,260,720		Y
Short Term Interest	4.47%	Z \$ 86,095		AC
Long Term Interest	6.10%	AA \$ 1,644,865		AD
Return on Equity	8.57%	AB \$ 1,650,644		AE
Return on Rate Base		\$ 3,381,605		AF
Distribution Expenses				
OM&A Expenses	\$ 4,339,137		AG	
Amortization	\$ 2,754,090		AH	
Ontario Capital Tax	\$ 74,592		AI	
Grossed Up PILs	\$ 909,446		AJ	
Low Voltage	\$ 252,864		AK	
Transformer Allowance	\$ 122,506		AL	
	\$ -		AM	
	\$ -		AN	
	\$ -		AO	
		\$ 8,452,635		AP
Revenue Offsets				
Specific Service Charges	-\$ 253,800		AQ	
Late Payment Charges	-\$ 101,500		AR	
Other Distribution Income	-\$ 58,700		AS	
Other Income and Deductions	-\$ 50,000		AT	
		-\$ 464,000		AU
Revenue Requirement from Distribution Rates (after Capital Structure Transition)		\$ 11,370,240		AV
Revenue Requirement from Distribution Rates (Before Capital Structure Transition)		\$ 11,449,926		AW
K-factor Adjustment		-0.70%		AX
2008 Filers K-factor Adjustment		-0.35%		AY = AX / 2

Enter the above value onto Sheet
 "D2.2 K-Factor Adjustment"
 of the 2010 OEB IRM3 Rate Generator.



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Z-Factor Tax Changes

Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2008	2009	2010	2011	2012
Taxable Capital	\$48,151,801	\$48,151,801	\$48,151,801	\$48,151,801	\$48,151,801
Deduction from taxable capital up to \$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000
Net Taxable Capital	\$33,151,801	\$33,151,801	\$33,151,801	\$33,151,801	\$33,151,801
Rate	0.225%	0.225%	0.150%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ 74,592	\$ 74,592	\$ 24,796	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

	2008	2009	2010	2011	2012
Regulatory Taxable Income	\$ 1,805,319	\$ 1,805,319	\$ 1,805,319	\$ 1,805,319	\$ 1,805,319
Corporate Tax Rate	33.5%	33.0%	32.0%	30.5%	29.0%
Tax Impact	\$ 604,782	\$ 595,755	\$ 577,702	\$ 550,622	\$ 523,543
Grossed-up Tax Amount	\$ 909,446	\$ 889,187	\$ 849,562	\$ 792,262	\$ 737,384
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ 74,592	\$ 74,592	\$ 24,796	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 909,446	\$ 889,187	\$ 849,562	\$ 792,262	\$ 737,384
Total Tax Related Amounts	\$ 984,038	\$ 963,779	\$ 874,358	\$ 792,262	\$ 737,384
Incremental Tax Savings		-\$ 20,259	-\$ 109,680	-\$ 191,776	-\$ 246,654
Total Tax Savings (2009 - 2012)					-\$ 568,370
Sharing of Tax Savings (50%)		-\$ 10,130	-\$ 54,840	-\$ 95,888	-\$ 123,327
Total Sharing of Tax Savings (50%)					-\$ 284,185



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Calculate Tax Change Rate Rider Option B Volumetric

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change \$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	\$7,039,603	61.49%	-\$33,720	147,447,515	0	-\$0.000229	
General Service Less Than 50 kW	\$2,147,442	18.76%	-\$10,286	64,081,972	0	-\$0.000161	
General Service 50 to 4,999 kW	\$2,052,053	17.92%	-\$9,829	189,745,291	403,334		-\$0.024371
Unmetered Scattered Load	\$22,413	0.20%	-\$107	406,396	0	-\$0.000264	
Sentinel Lighting	\$42,004	0.37%	-\$201	342,469	345		-\$0.583198
Street Lighting	\$145,220	1.27%	-\$696	3,101,236	9,478		-\$0.073393
	\$11,448,736 H	100.00%	-\$54,840 I				

Enter the above value onto Sheet "J2.1 Tax Change Rate Rider" of the 2010 OEB IRM3 Rate Generator.



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Threshold Parameters

Price Cap Index

Price Escalator (GDP-IPI)	2.30%
Less Productivity Factor	-0.72%
Less Stretch Factor	-0.40%

Price Cap Index

1.18%

Enter the above value onto Sheet
"F1.2 Price Cap Adjustment"
of the 2010 OEB IRM3 Rate Generator.

Growth

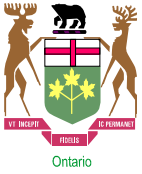
Re-Based Revenue Requirement From Rates	<u>\$11,448,736</u>	A
Most Recent Year Reported Revenue Requirement From Rates	<u>\$11,150,051</u>	B
Growth	2.68%	C



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Threshold Test

Year	2008	
Status	Re-Basing	
Price Cap Index	1.18%	A
Growth	2.68%	B
Dead Band	20%	C
Average Net Fixed Assets		
Gross Fixed Assets Opening	\$ 61,773,894	
Add: CWIP Opening	\$ -	
Capital Additions	\$ 6,008,600	
Capital Disposals	\$ -	
Capital Retirements	-\$ 1,511,301	
Deduct: CWIP Closing	\$ -	
Gross Fixed Assets - Closing	\$ 66,271,193	
Average Gross Fixed Assets	<u>\$ 64,022,544</u>	
Accumulated Depreciation - Opening	\$ 20,245,519	
Depreciation Expense	\$ 2,754,090	D
Disposals	\$ -	
Retirements	-\$ 1,511,301	
Accumulated Depreciation - Closing	\$ 21,488,308	
Average Accumulated Depreciation	<u>\$ 20,866,914</u>	
Average Net Fixed Assets	<u>\$ 43,155,630</u>	E
Working Capital Allowance		
Working Capital Allowance Base	\$ 33,307,800	
Working Capital Allowance Rate	15%	
Working Capital Allowance	<u>\$ 4,996,170</u>	F
Rate Base	<u>\$ 48,151,800</u>	G = E + F
Depreciation	D \$ 2,754,090	H
Threshold Test	188.02%	I = 1 + (G / H) * (B + A * (1 + B)) + C
Threshold CAPEX	\$ 5,178,197	J = H * I



Name of LDC: Norfolk Power Distribution Inc.
File Number: ED-2002-0521
Effective Date: May 1, 2010

Summary of Incremental Capital Projects

Number of ICP's

6

Project ID #	Incremental Capital Non-Discretionary Project Description	Incremental Capital CAPEX	Amortization Expense	CCA
ICP 1				
ICP 2				
ICP 3				
ICP 4				
ICP 5				
ICP 6				
		0	0	0



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Incremental Capital Adjustment

Current Revenue Requirement

Current Revenue Requirement - Total	\$ 11,449,926	A
-------------------------------------	---------------	---

Return on Rate Base

Incremental Capital CAPEX			\$ -	B
Depreciation Expense			\$ -	C
Incremental Capital CAPEX to be included in Rate Base			\$ -	D = B - C
Deemed ShortTerm Debt %	4.0%	E	\$ -	G = D * E
Deemed Long Term Debt %	56.0%	F	\$ -	H = D * F
Short Term Interest	4.47%	I	\$ -	K = G * I
Long Term Interest	6.10%	J	\$ -	L = H * J
Return on Rate Base - Interest			\$ -	M = K + L
Deemed Equity %	40.0%	N	\$ -	P = D * N
Return on Rate Base -Equity	8.57%	O	\$ -	Q = P * O
Return on Rate Base - Total			\$ -	R = M + Q

Amortization Expense

Amortization Expense - Incremental	C	\$ -	S
------------------------------------	---	------	---

Grossed up PIL's

Regulatory Taxable Income	O	\$ -	T
Add Back Amortization Expense	S	\$ -	U
Deduct CCA		\$ -	V
Incremental Taxable Income		\$ -	W = T + U - V
Current Tax Rate (F1.1 Z-Factor Tax Changes)	33.0%	X	
PIL's Before Gross Up		\$ -	Y = W * X
Incremental Grossed Up PIL's		\$ -	Z = Y / (1 - X)

Ontario Capital Tax

Incremental Capital CAPEX			\$ -	AA
Less : Available Capital Exemption (if any)			\$ -	AB
Incremental Capital CAPEX subject to OCT			\$ -	AC = AA - AB
Ontario Capital Tax Rate (F1.1 Z-Factor Tax Changes)	0.225%	AD		
Incremental Ontario Capital Tax			\$ -	AE = AC * AD

Incremental Revenue Requirement

Return on Rate Base - Total	Q	\$ -	AF
Amortization Expense - Total	S	\$ -	AG
Incremental Grossed Up PIL's	Z	\$ -	AH
Incremental Ontario Capital Tax	AE	\$ -	AI
Incremental Revenue Requirement		\$ -	AJ = AF + AG + AH + AI



Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Calculation of Incremental Capital Rate Adder - Option A Fixed and Variable

Rate Class	Distribution			Distribution			Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections			Distribution		
	Service Charge % Revenue A	Volumetric Rate % Revenue kWh B	Volumetric Rate % Revenue kW C	Service Charge Revenue D = \$N * A	Volumetric Rate Revenue kWh E = \$N * B	Volumetric Rate Revenue kW F = \$N * C		H	I	J	Service Charge Rate Rider K = D / H / 12	Volumetric Rate kWh Rate Rider L = E / I	Volumetric Rate kW Rate Rider M = F / J
Residential	36.2%	25.3%	0.0%	\$ -	\$ -	\$ -	16,607	147,447,515	0	\$0.000000	\$0.000000		
General Service Less Than 50 kW	10.6%	8.1%	0.0%	\$ -	\$ -	\$ -	2,058	64,081,972	0	\$0.000000	\$0.000000		
General Service 50 to 4,999 kW	4.2%	0.0%	13.7%	\$ -	\$ -	\$ -	166	189,745,291	403,334	\$0.000000	\$0.000000	\$0.000000	
Unmetered Scattered Load	0.1%	0.1%	0.0%	\$ -	\$ -	\$ -	51	406,396	0	\$0.000000	\$0.000000		
Sentinel Lighting	0.3%	0.0%	0.1%	\$ -	\$ -	\$ -	400	342,469	345	\$0.000000	\$0.000000	\$0.000000	
Street Lighting	0.7%	0.0%	0.6%	\$ -	\$ -	\$ -	3,091	3,101,236	9,478	\$0.000000	\$0.000000	\$0.000000	
	52.1%	33.5%	14.4%	\$ -	\$ -	\$ -							

N

Enter the above value onto Sheet "J1.2 Incremental Cap Fund Adder" of the 2010 OEB IRM3 Rate Generator.



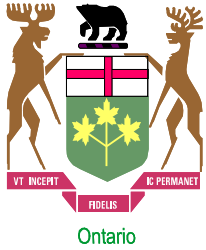
Name of LDC: Norfolk Power Distribution Inc.
 File Number: ED-2002-0521
 Effective Date: May 1, 2010

Calculation of Incremental Capital Rate Adder - Option B Variable

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Incremental Capital \$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	\$7,039,603	61.49%	\$0	147,447,515	0	\$0.000000	
General Service Less Than 50 kW	\$2,147,442	18.76%	\$0	64,081,972	0	\$0.000000	
General Service 50 to 4,999 kW	\$2,052,053	17.92%	\$0	189,745,291	403,334		\$0.000000
Unmetered Scattered Load	\$22,413	0.20%	\$0	406,396	0	\$0.000000	
Sentinel Lighting	\$42,004	0.37%	\$0	342,469	345		\$0.000000
Street Lighting	\$145,220	1.27%	\$0	3,101,236	9,478		\$0.000000
	\$11,448,736	100.00%	\$0				

H
I

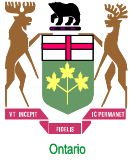
Enter the above value onto Sheet "J1.2 Incremental Cap Fund Adder" of the 2010 OEB IRM3 Rate Generator.



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

LDC Information

Applicant Name	Norfolk Power Distribution Inc.
OEB Application Number	EB-2009-0238
LDC Licence Number	ED-2002-0521
Applied for Effective Date	May 1, 2010



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

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Sheet Name	Purpose of Sheet
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A2.1 Table of Contents	Table of Contents
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B1.2 2006 Reg Ass Prop Shr	2006 Regulatory Asset Recovery Proportionate Share
B1.3 Rate Class And Bill Det	Rate Class and 2008 Billing Determinants
C1.0 2006 Reg Asset Recovery	Regulatory Assets - 2006 Regulatory Asset Recovery
C1.1 Reg Assets - Cont Sch 2005	Regulatory Assets - Continuity Schedule 2005
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D1.1 Threshold Test	Threshold Test
E1.1 Cost Allocation kWh	Cost Allocation - kWh
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E1.3 Cost Allocation 1590	Cost Allocation - 1590
E1.4 Cost Allocation 1595	Cost Allocation - 1595
F1.1 Calculation Rate Rider	Calculation of Regulatory Asset Recovery Rate Rider
F1.2 Request for Clearance	Request for Clearance of Deferral and Variance Accounts



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

2006 Regulatory Asset Recovery

Account Description	Account Number	Principal	Hydro One charges	Hydro One charges
		Amounts as of Dec-31 2004 A	(if applicable) to Dec31-03 B	(if applicable) Jan 1- 04 to Apr 30-06 C
		Column G	Column K	Column M
RSVA - Wholesale Market Service Charge	1580	658,702		
RSVA - One-time Wholesale Market Service	1582			
RSVA - Retail Transmission Network Charge	1584	(32,834)	(70,483)	(87,227)
RSVA - Retail Transmission Connection Charge	1586	(158,254)	667,355	726,095
RSVA - Power	1588	1,085,498		
Sub-Totals		1,553,112	596,872	638,868
Other Regulatory Assets	1508	22,330		48,220
Retail Cost Variance Account - Retail	1518	(20,276)		
Retail Cost Variance Account - STR	1548	24,389		
Misc. Deferred Debits - incl. Rebate Cheques	1525	12,350	25,512	
Pre-Market Opening Energy Variances Total	1571	303,157		
Extra-Ordinary Event Losses	1572			
Deferred Rate Impact Amounts	1574			
Other Deferred Credits	2425			
Sub-Totals		341,950	25,512	48,220
Qualifying Transition Costs	1570	2,302,666	55	
Transition Cost Adjustment	1570			
Sub-Totals		2,302,666	55	
Total Regulatory Assets		4,197,728	622,439	687,088
Total Recoveries to April 30-06	2. Rate Riders Calculation	Cell C48		
Balance to be collected or refunded	2. Rate Riders Calculation	Cell N51		

Transition Cost Adjustment D	Principal Amounts E = A + B + C + D	Interest to Dec31-04 F	Interest per 2006 Reg Assets G = H - F - E	Total Claim and Recoveries per 2006 Reg Assets H	Transfer of Board-approved amounts to 1590 as per 2006 EDR I = - E	Transfer of Board-approved Interest to 1590 as per 2006 EDR J = - (F + G)
1. Dec. 31, 2004 Reg. Assets						
		Column H		Column N		
	658,702	109,885	63,674	832,261	(658,702)	(173,559)
	0		0		0	0
	(190,544)	6,715	(8,710)	(192,539)	190,544	1,995
	1,235,196	(5,337)	37,117	1,266,976	(1,235,196)	(31,780)
	1,085,498	110,017	104,932	1,300,447	(1,085,498)	(214,949)
	2,788,852	221,280	197,013	3,207,145	(2,788,852)	(418,293)
	70,550		2,159	72,709	(70,550)	(2,159)
	(20,276)		(1,960)	(22,236)	20,276	1,960
	24,389		2,357	26,746	(24,389)	(2,357)
	37,862		3,198	41,060	(37,862)	(3,198)
	303,157	58,610	29,306	391,073	(303,157)	(87,916)
	0		0		0	0
	0		0		0	0
	0		0		0	0
	415,682	58,610	35,060	509,352	(415,682)	(93,670)
	2,302,721	448,051	222,596	2,973,368	(2,302,721)	(670,647)
(1,895,348)	(1,895,348)			(1,895,348)	1,895,348	0
	407,373	448,051	222,596	1,078,020	(407,373)	(670,647)
(1,895,348)	3,611,907	727,941	454,669	4,794,517	(3,611,907)	(1,182,610)
				3,097,044	(3,097,044)	0
				1,697,473	(514,863)	(1,182,610)



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

2006 Regulatory Asset Recovery Proportionate Share

Rate Class	Total Claim	% Total Claim
Residential	2,395,526	50.0%
GS < 50 KW	815,423	17.0%
GS > 50 Non TOU	1,529,289	31.9%
GS > 50 TOU		0.0%
Intermediate		0.0%
Large Users		0.0%
Small Scattered Load	935	0.0%
Sentinel Lighting	20,858	0.4%
Street Lighting	32,487	0.7%
Total	4,794,518	100.0%

2. Rate Riders Calculation

Row 29



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Rate Class and 2008 Billing Determinants

Rate Group	Rate Class	Fixed Metric	Vol Metric	2008			Non-RPP customers	1590 Recovery Share Proportion 1	1595 Recovery Share Proportion 1
				Billed Customers or Connections	Billed kWh	Billed kW			
				A	B	C			
RES	Residential	Customer	kWh	16,607	147,447,515		23,072,114	50.0%	
GSLT50	General Service Less Than 50 kW	Customer	kWh	2,058	64,081,972		11,501,590	17.0%	
GSGT50	General Service 50 to 4,999 kW	Customer	kWh	166	189,745,291	403,334	150,212,286	31.9%	
USL	Unmetered Scattered Load	Connection	kWh	51	406,396		0	0.0%	
Sen	Sentinel Lighting	Connection	kW	400	342,469	818	101,424	0.4%	
SL	Street Lighting	Connection	kW	3,091	3,101,236	9,478	0	0.7%	
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						
								100.0%	0.0%



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule 2006

Account Description	Account Number	Opening Principal Amounts as of Jan-1-05 1	Low Voltage and Recoveries per 2006 Reg Asset	Transition Cost Adjustment
LV Variance Account	1550			
RSVA - Wholesale Market Service Charge	1580	658,702	0	
RSVA - Retail Transmission Network Charge	1584	(32,834)	(157,710)	
RSVA - Retail Transmission Connection Charge	1586	(158,254)	1,393,450	
RSVA - Power (Excluding Global Adjustment)	1588	1,085,498		
RSVA - Power (Global Adjustment Sub-account)				
Recovery of Regulatory Asset Balances	1590		(3,097,044)	
Disposition and recovery of Regulatory Balances Account	1595			
Sub-Total		1,553,112	(1,861,304)	
RSVA - One-time Wholesale Market Service	1582	0	0	
Other Regulatory Assets	1508	22,330	48,220	
Retail Cost Variance Account - Retail	1518	(20,276)	0	
Retail Cost Variance Account - STR	1548	24,389	0	
Misc. Deferred Debits - incl. Rebate Cheques	1525	12,350	25,512	
Pre-Market Opening Energy Variances Total	1571	303,157	0	
Extra-Ordinary Event Losses	1572	0	0	
Deferred Rate Impact Amounts	1574	0	0	
Other Deferred Credits	2425	0	0	
Qualifying Transition Costs	1570	2,302,666	55	
Transition Cost Adjustment	1570			(1,895,348)
Total		4,197,728	(1,787,517)	(1,895,348)

Transfer of Board-approved amounts to 1590 as per 2006 EDR	Closing Principal Balance as of May-1-06	Opening Interest Amounts as of Jan-1-05 4	Interest per 2006 Reg Asset	Recoveries per 2006 Reg Asset	Transfer of Board-approved amounts to 1590 as per 2006 EDR	Closing Interest Amounts as of May-1-06
						0
(658,702)	0	109,885	63,674		(173,559)	0
190,544	0	6,715	(8,710)		1,995	0
(1,235,196)	0	(5,337)	37,117		(31,780)	0
(1,085,498)	0	110,017	104,932		(214,949)	0
	0					0
3,611,907	514,863			0	1,182,610	1,182,610
	0					0
823,055	514,863	221,280	197,013	0	764,317	1,182,610
0	0	0	0		0	0
(70,550)	0	0	2,159		(2,159)	0
20,276	0	0	(1,960)		1,960	0
(24,389)	0	0	2,357		(2,357)	0
(37,862)	0	0	3,198		(3,198)	0
(303,157)	0	58,610	29,306		(87,916)	0
0	0	0	0		0	0
0	0	0	0		0	0
0	0	0	0		0	0
(2,302,721)	0	448,051	222,596		(670,647)	0
1,895,348	0					0
0	514,863	727,941	454,669	0	0	1,182,610



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule 2005

Account Description	Account Number	Opening Principal Amounts as of Jan-1-05 ⁴	Transactions (additions) during 2005, excluding interest and adjustments ¹	Transactions (reductions) during 2005, excluding interest and adjustments ¹	Adjustments during 2005 - instructed by Board ²
LV Variance Account	1550	0	0	0	
RSVA - Wholesale Market Service Charge	1580		2,659,231	(2,301,254)	
RSVA - Retail Transmission Network Charge	1584		1,977,469	(1,989,928)	
RSVA - Retail Transmission Connection Charge	1586		2,024,423	(1,738,703)	
RSVA - Power (Excluding Global Adjustment)	1588		1,182,097		
RSVA - Power (Global Adjustment Sub-account)			(1,366,610)		
Recovery of Regulatory Asset Balances	1590		(1,360,987)	(602,803)	
Disposition and recovery of Regulatory Balances Account	1595				
Total		0	5,115,623	(6,632,689)	0

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board

³ Provide supporting statement indicating nature of this adjustments and periods they relate to

⁴ Opening balances assumed to be zero as a result of clearance of December 2004 balances cleared in 2006 Regulatory Asset process

Adjustments during 2005 - other ³	Closing Principal Balance as of Dec- 31-05	Opening Interest Amounts as of Jan-1- 05 ⁴	Interest Recovery Transactions during 2005	Interest Jan-1 to Dec31-05	Closing Interest Amounts as of Dec- 31-05
	0			0	0
	357,977			37,787	37,787
	(12,459)			(25,427)	(25,427)
	285,720			7,516	7,516
	1,182,097			43,972	43,972
	(1,366,610)			(19,305)	(19,305)
	(1,963,790)		(12,263)	(85,535)	(97,797)
	0				0
0	(1,517,066)	0	(12,263)	(40,992)	(53,255)



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule 2006

Account Description	Account Number	Opening Principal Amounts as of Jan-1-06	Transactions (additions) during 2006, excluding interest and adjustments ¹	Transactions (reductions) during 2006, excluding interest and adjustments ¹	Adjustments during 2006 - instructed by Board ²
LV Variance Account	1550	0	257,616	(259,575)	
RSVA - Wholesale Market Service Charge	1580	357,977	2,017,114	(2,482,064)	
RSVA - Retail Transmission Network Charge	1584	(12,459)	1,847,258	(1,886,580)	
RSVA - Retail Transmission Connection Charge	1586	285,720	1,996,382	(1,653,482)	
RSVA - Power (Excluding Global Adjustment)	1588	1,182,097	(2,743,154)		
RSVA - Power (Global Adjustment Sub-account)		(1,366,610)	1,060,109		
Recovery of Regulatory Asset Balances	1590	(1,963,790)	2,976,123		
Disposition and recovery of Regulatory Balances Account	1595	0			
Total		(1,517,066)	7,411,448	(6,281,701)	0

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting evidence i.e. Board Decision, CRO Order, etc.

³ Provide supporting statement indicating nature of this adjustments and periods they relate to

Adjustments during 2006 - other ³	Transfer of Board- approved amounts to 1590 as per 2006 EDR	Closing Principal Balance as of Dec- 31-06	Opening Interest Amounts as of Jan-1- 06	Interest Recovery Transactions during 2006	Interest Jan-1 to Dec31-06	Transfer of Board- approved amounts to 1590 as per 2006 EDR	Closing Interest Amounts as of Dec- 31-06
		(1,959)	0		(92)		(92)
		(106,973)	37,787		20,760		58,547
		(51,781)	(25,427)		(7,197)		(32,624)
		628,620	7,516		4,479		11,995
		(1,561,057)	43,972		32,102		76,074
		(306,501)	(19,305)		(65,795)		(85,100)
	514,863	1,527,196	(97,797)		(20,980)	1,182,610	1,063,833
		0	0				0
0	514,863	127,545	(53,255)	0	(36,722)	1,182,610	1,092,632



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule 2007

Account Description	Account Number	Opening Principal Amounts as of Jan-1-07	Transactions (additions) during 2007, excluding interest and adjustments ¹	Transactions (reductions) during 2007, excluding interest and adjustments ¹	Adjustments during 2007 - instructed by Board ²
LV Variance Account	1550	(1,959)	355,348	(359,163)	
RSVA - Wholesale Market Service Charge	1580	(106,973)	2,013,046	(2,508,602)	
RSVA - Retail Transmission Network Charge	1584	(51,781)	1,964,182	(1,889,935)	
RSVA - Retail Transmission Connection Charge	1586	628,620	1,239,217	(1,577,352)	
RSVA - Power (Excluding Global Adjustment)	1588	(1,561,057)	866,997		
RSVA - Power (Global Adjustment Sub-account)		(306,501)	112,495		
Recovery of Regulatory Asset Balances	1590	1,527,196	(846,650)		
Disposition and recovery of Regulatory Balances Account	1595	0			
Total		127,545	5,704,635	(6,335,052)	0

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting evidence i.e. Board Decision, CRO Order, etc.

³ Provide supporting statement indicating nature of this adjustments and periods they relate to

Adjustments during 2007 - other ³	Closing Principal Balance as of Dec- 31-07	Opening Interest Amounts as of Jan-1- 07	Interest Recovery Transactions during 2007	Interest Jan-1 to Dec31-07	Closing Interest Amounts as of Dec- 31-07
	(5,774)	(92)		(443)	(534)
	(602,529)	58,547		(16,421)	42,126
	22,466	(32,624)		4,041	(28,584)
	290,485	11,995		(21,185)	(9,190)
	(694,060)	76,074		(12,836)	63,238
	(194,006)	(85,100)		(12,397)	(97,497)
	680,545	1,063,833		28,495	1,092,327
	0	0			0
0	(502,872)	1,092,632	0	(30,746)	1,061,886



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule 2008

Account Description	Account Number	Opening Principal Amounts as of Jan-1-08	Transactions (additions) during 2008, excluding interest and adjustments ¹	Transactions (reductions) during 2008, excluding interest and adjustments ¹	Adjustments during 2008 - instructed by Board ²	Adjustments during 2008 - other ³	Transfer of Board-approved 2006 amounts to 1595 (2008 COS) ⁴	Closing Principal Balance as of Dec-31-08	Opening Interest Amounts as of Jan-1-08	Interest Recovery Transactions during 2008	Interest Jan-1 to Dec31-08	Transfer of Board-approved 2006 interest amounts to 1595 (2008 COS)	Closing Interest Amounts as of Dec-31-08
LV Variance Account	1550	(5,774)	316,780	(303,378)				7,629	(534)		(899)		(1,434)
RSVA - Wholesale Market Service Charge	1580	(602,529)	2,257,156	(2,337,691)				(683,064)	42,126		(32,784)		9,342
RSVA - Retail Transmission Network Charge	1584	22,466	1,561,253	(1,747,543)				(163,824)	(28,584)		1,192		(27,392)
RSVA - Retail Transmission Connection Charge	1586	290,485	1,278,927	(1,527,899)				41,513	(9,190)		(30,902)		(40,092)
RSVA - Power (Excluding Global Adjustment)	1588	(694,060)	1,067,682					373,622	63,238		30,068		93,306
RSVA - Power (Global Adjustment Sub-account)		(194,006)	125,981					(68,025)	(97,497)		(7,985)		(105,482)
Recovery of Regulatory Asset Balances	1590	680,545	(625,200)					55,346	1,092,327		(7,007)		1,085,320
Disposition and recovery of Regulatory Balances Account	1595	0						0	0				0
Total		(502,872)	5,982,579	(5,916,511)	0	0	0	(436,804)	1,061,886	0	(48,317)	0	1,013,569

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting evidence i.e. Board Decision, CRO Order, etc.

³ Provide supporting statement indicating nature of this adjustments and periods they relate to

⁴ This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.



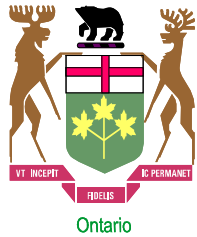
Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Regulatory Assets - Continuity Schedule Final

Account Description	Account Number	Opening Principal Amounts as of Jan-1-09 A	Transfer of Board-approved 2007 amounts to 1595 (2009 COS) B	Principal Amounts After Transfer to 1595 C = A + B	Opening Interest Amounts as of Jan-1-09 D	Interest on Board-approved 2007 amounts Prior to transfer Jan-1, 2009 to Date of Transfer E	Transfer of Board-approved 2007 interest amounts to 1595 (2009 COS) F	Projected Interest on Dec 31 -08 balance from Jan 1, 2009 to Dec 31, 2009 ¹ G	Projected Interest on Dec 31 -08 balance from Jan 1, 2010 to April 30, 2010 ¹ H	Total Claim I = C + D + E + F + G + H
LV Variance Account	1550	7,629		7,629	(1,434)			86	14	6,295
RSVA - Wholesale Market Service Charge	1580	(683,064)		(683,064)	9,342			(7,723)	(1,235)	(682,680)
RSVA - Retail Transmission Network Charge	1584	(163,824)		(163,824)	(27,392)			(1,852)	(296)	(193,365)
RSVA - Retail Transmission Connection Charge	1586	41,513		41,513	(40,092)			469	75	1,965
RSVA - Power (Excluding Global Adjustment)	1588	373,622		373,622	93,306			4,224	676	471,828
RSVA - Power (Global Adjustment Sub-account)		(68,025)		(68,025)	(105,482)			(769)	(123)	(174,399)
Recovery of Regulatory Asset Balances	1590	55,346		55,346	1,085,320			626	100	1,141,392
Disposition and recovery of Regulatory Balances Account	1595	0		0	0			0	0	0
Total		(436,804)	0	(436,804)	1,013,569	0	0	(4,939)	(790)	571,036

¹ Interest projected on December 31, 2008 closing principal balance.

Month	Prescribed Rate	Monthly Interest	Month	Prescribed Rate	Monthly Interest
January 31, 2009	2.45	0.2081	January 31, 2010	0.55	0.0467
February 28, 2009	2.45	0.1879	February 28, 2010	0.55	0.0422
March 31, 2009	2.45	0.2081	March 31, 2010	0.55	0.0467
April 30, 2009	1.00	0.0822	April 30, 2010	0.55	0.0452
May 31, 2009	1.00	0.0849	Effective Rate		<u>0.1808</u>
June 30, 2009	1.00	0.0822			
July 31, 2009	0.55	0.0467			
August 31, 2009	0.55	0.0467			
September 30, 2009	0.55	0.0452			
October 31, 2009	0.55	0.0467			
November 30, 2009	0.55	0.0452			
December 31, 2009	0.55	0.0467			
Effective Rate		<u>1.1307</u>			



Name of LDC: Norfolk Power Distribution I
File Number: EB-2009-0238
Effective Date: May 1, 2010

Threshold Test

Rate Class	Billed kWh B
Residential	147,447,515
General Service Less Than 50 kW	64,081,972
General Service 50 to 4,999 kW	189,745,291
Unmetered Scattered Load	406,396
Sentinel Lighting	342,469
Street Lighting	3,101,236
	<hr/>
	405,124,879
Total Claim	571,036
Total Claim per kWh	0.001410

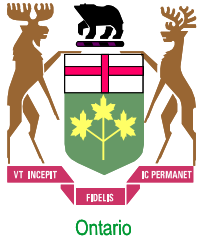


Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Cost Allocation - kWh

Rate Class	Billed kWh	% kWh						Total
			1550	1580	1584	1586	1588 ¹	
Residential	147,447,515	36.4%	2,291	(248,465)	(70,376)	715	171,725	(144,111)
General Service Less Than 50 kW	64,081,972	15.8%	996	(107,985)	(30,586)	311	74,633	(62,632)
General Service 50 to 4,999 kW	189,745,291	46.8%	2,948	(319,742)	(90,565)	920	220,987	(185,451)
Unmetered Scattered Load	406,396	0.1%	6	(685)	(194)	2	473	(397)
Sentinel Lighting	342,469	0.1%	5	(577)	(163)	2	399	(335)
Street Lighting	3,101,236	0.8%	48	(5,226)	(1,480)	15	3,612	(3,031)
	<u>405,124,879</u>	<u>100.0%</u>	<u>6,295</u>	<u>(682,680)</u>	<u>(193,365)</u>	<u>1,965</u>	<u>471,828</u>	<u>(395,957)</u>

¹ RSVA - Power (Excluding Global Adjustment)

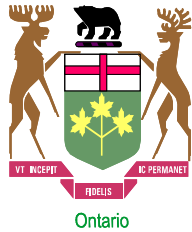


Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Cost Allocation - Non-RPP kWh

Rate Class	Non-RPP kWh	% kWh	1588 ¹
Residential	23,072,114	12.5%	(21,763)
General Service Less Than 50 kW	11,501,590	6.2%	(10,849)
General Service 50 to 4,999 kW	150,212,286	81.2%	(141,691)
Unmetered Scattered Load	0	0.0%	0
Sentinel Lighting	101,424	0.1%	(96)
Street Lighting	0	0.0%	0
	184,887,414	100.0%	(174,399)

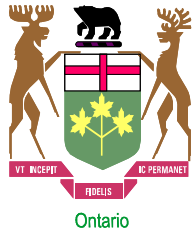
¹ RSVA - Power (Global Adjustment Sub-account)



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Cost Allocation - 1590

Rate Class	1590 Recovery Share Proportion	1590
Residential	50.0%	570,696
General Service Less Than 50 kW	17.0%	194,037
General Service 50 to 4,999 kW	31.9%	364,104
Unmetered Scattered Load	0.0%	0
Sentinel Lighting	0.4%	4,566
Street Lighting	0.7%	7,990
	100.0%	1,141,392



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Cost Allocation - 1595

Rate Class	1595 Recovery Share Proportion	1595
Residential	0.0%	0
General Service Less Than 50 kW	0.0%	0
General Service 50 to 4,999 kW	0.0%	0
Unmetered Scattered Load	0.0%	0
Sentinel Lighting	0.0%	0
Street Lighting	0.0%	0
	0.0%	0



Name of LDC: Norfolk Power Distribution Inc.
 File Number: EB-2009-0238
 Effective Date: May 1, 2010

Calculation of Regulatory Asset Recovery Rate Rider

Rate Rider Recovery Period - Years

One

Rate Rider Effective To Date

April 30, 2011

Rate Class	Vol Metric	Billed kWh A	Billed kW B	kWh C	Non-RPP D	1590 E	1595 F	Total G = C + D + E + F	Rate Rider kWh H = G / A (kWh) or H = G / B (kW)
Residential	kWh	147,447,515	0	(144,111)	(21,763)	570,696	0	404,822	0.00275
General Service Less Than 50 kW	kWh	64,081,972	0	(62,632)	(10,849)	194,037	0	120,556	0.00188
General Service 50 to 4,999 kW	kW	189,745,291	403,334	(185,451)	(141,691)	364,104	0	36,962	0.09164
Unmetered Scattered Load	kWh	406,396	0	(397)	0	0	0	(397)	(0.00098)
Sentinel Lighting	kW	342,469	818	(335)	(96)	4,566	0	4,135	5.05523
Street Lighting	kW	3,101,236	9,478	(3,031)	0	7,990	0	4,959	0.52318
		<u>405,124,879</u>	<u>413,630</u>	<u>(395,957)</u>	<u>(174,399)</u>	<u>1,141,392</u>	<u>0</u>	<u>571,036</u>	

Enter the above value onto Sheet
 "J2.1 DeferralAccount Rate Rider"
 of the 2010 OEB IRM2 Rate Generator
 "J2.5 DeferralAccount Rate Rider2"
 of the 2010 OEB IRM3 Rate Generator



Name of LDC: Norfolk Power Distribution Inc.
File Number: EB-2009-0238
Effective Date: May 1, 2010

Request for Clearance of Deferral and Variance Accounts

Account Description	Account Number	Principal Amounts	Interest Amounts	Total Claim
		A	B	C = A + B
LV Variance Account	1550	(7,629)	1,334	(6,295)
RSVA - Wholesale Market Service Charge	1580	683,064	(384)	682,680
RSVA - Retail Transmission Network Charge	1584	163,824	29,541	193,365
RSVA - Retail Transmission Connection Charge	1586	(41,513)	39,548	(1,965)
RSVA - Power (Excluding Global Adjustment)	1588	(373,622)	(98,206)	(471,828)
RSVA - Power (Global Adjustment Sub-account)	1588	68,025	106,374	174,399
Recovery of Regulatory Asset Balances	1590	(55,346)	(1,086,046)	(1,141,392)
Disposition and recovery of Regulatory Balances Account	1595	(436,804)	1,007,840	571,036
Total		0	0	0