# Ontario Energy Board <br> Commission de l'énergie de l'Ontario <br> 2009 OEB 3GIRM Supplementary Filing Module 

## Purpose of this Workbook:

This workbook has been developed to assist the applicant in filing for 3GIRM rates. This workbook calculates

1. Revenue/Cost ratio adjustments
2. 3GIRM K-factor adjustment
3. 3GIRM Price Cap Adjustment
4. Shared Tax Saving Rate Rider
5. Incremental Capital Rate Rider

Note: All Applicants have a stretch factor group of II or .40 until the listing is finalized. This will be adjusted later
Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled. For best viewing, set your screen resolution to 1280 by 960 pixels

Applicant Name
la Regional Hydro Distribution Corporation
Applicant Service Area
OEB Application Number

## EB-2002-0173

ED-2002-0502
Stretch Factor Group
Stretch Factor Value
II

In the event of an inconsistency between this model and any element of the July 15, 2008 "Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors ", the September 5, 2008 "Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors", or other related Board Direction, the Board direction governs.

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2009 OEB 3GIRM Supplementary Filing Module

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Purpose of this sheet:
To record general rate class billing determinants and base distribution rates.
Steps:

1. Assign applicants general rate classes,
2. Enter billing determinants as approved in the last rate re-basing, and
3. Enter the base rates (service charge and distribution volumetric charge net of rate adders)

Instructions:

1. Select rate group from drop down in column $C$
2. Select rate class from drop down in column $D$
. Enter number of customers in column I (A)
3. Enter kWh in column $J$ (B) for all classes
4. Enter kW in column K (C) for customer groups billed in kW or kVA
5. Enter base service charge as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column M (D)
6. Enter base distribution volumetric kWh as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column N (E)
7. Enter base distribution volumetric kWh as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column N (E)
8. Enter base distribution volumetric kW as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column O (F)

| Rate Group | Rate Class | Fixed Metric | Vol Metric | Re-basing Billed Customers or Connections A | Re-basing Billed kWh B | Re-basing Billed kW C | Current Base Service Charge D | Current Base Distribution Volumetric Rate kWh E | Current Base Distribution Volumetric Rate kW F | Service <br> Charge Revenue G = A * D *12 | Distribution Volumetric Rate Revenue kWh $H=B \text { * } E$ | Distribution <br> Volumetric <br> Rate Revenue kW $I=C * F$ | Total Revenue by Rate Class $\mathbf{J}=\mathbf{G}+\mathbf{H}+\mathbf{I}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RES | Residential | Customer | kWh | 2,817 | 33,090,578 |  | \$10.13 | \$0.0146 |  | \$342,435 | \$483,122 | \$0 | \$825,557 |
| GSLT50 | General Service Less Than 50 kW | Customer | kWh | 431 | 14,771,227 |  | \$18.17 | \$0.0170 |  | \$93,975 | \$251,111 | \$0 | \$345,086 |
| GSGT50 | General Service 50 to 4,999 kW | Customer | kW | 16 | 14,752,248 | 37,580 | \$123.11 |  | \$3.0504 | \$23,637 | \$0 | \$114,634 | \$138,271 |
| USL | Unmetered Scattered Load | Connection | kWh | 11 | 125,709 |  | \$8.53 | \$0.0130 |  | \$1,126 | \$1,634 | \$0 | \$2,760 |
| Sen | Sentinel Lighting | Connection | kW | 27 | 27,890 | 77 | \$0.09 |  | \$7.6612 | \$29 | \$0 | \$590 | \$619 |
| SL | Street Lighting | Connection | kW | 1,011 | 581,870 | 1,718 | \$0.82 |  | \$10.6841 | \$9,948 | \$0 | \$18,355 | \$28,304 |
| NA | Rate Class 7 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 8 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 9 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 10 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 11 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 12 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 13 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 14 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 15 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 16 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 17 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 18 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 19 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 20 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 21 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 22 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 23 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 24 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| NA | Rate Class 25 | NA | NA |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  |  |  |  |  |  |  | \$471,150 | \$735,868 | \$133,579 | \$1,340,597 |

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```
Purpose of this sheet:
    To record unique rate class billing determinants and base distribution rates
Steps:
    1. Assign applicants Unique rate classes,
    2. Enter billing determinants as approved in the last rate re-basing, and
    3. Enter the base rates (service charge and distribution volumetric charge net of rate adders)
```

Instructions:
1. Select rate group from drop down in column $C$
2. Select rate class from drop down in column D
3. Enter number of customers in column I (A)

## Rate Group

Rate Class
Fixed Metric Vol Metric

Re-Basing
ustomers or Re-Basing Re-Basing Connections Billed kWh Billed kW

| NA | Rate Class 26 | NA | NA |
| :--- | :--- | :--- | :--- |
| NA | Rate Class 27 | NA | NA |
| NA | Rate Class 28 | NA | NA |
| NA | Rate Class 29 | NA | NA |
| NA | Rate Class 30 | NA | NA |
| NA | Rate Class 31 | NA | NA |
| NA | Rate Class 32 | NA | NA |
| NA | Rate Class 33 | NA | NA |
| NA | Rate Class 34 | NA | NA |
| NA | Rate Class 35 | NA | NA |

## Current Base Current Base

 Distribution Distribution| Current Base | Current Base <br> Distribution | Current Base <br> Distribution <br> Service |
| :---: | :---: | :---: |
| Columetric Rate |  |  |
| Volumetric |  |  |
| D | kWh | Rate kW |
|  | E | F |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |


| Service Charge Revenue G = A * ${ }^{*} 12$ | Distribution Volumetric Rate Revenue kWh H = B * E | Distribution Volumetric Rate Revenue kW I = C *F | Total Revenue by Rate Class |
| :---: | :---: | :---: | :---: |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |
| \$0 | \$0 | \$0 | \$0 |

## Purpose of this sheet:

This sheet discloses the revenue requirement recovered by the rebased distribution rates approved in the 2008 cost of service review.

Steps:

1. From the last rebasing, identify the various inputs to determine the revenue requirement recovered by distribution rates.
2. Balance the resulting amount to sheets B1.1 and B1.2
3. Reconcile the difference if material (other than the results of rate rounding).

| Applicants Rate Base |
| :--- |
| Average Net Fixed Assets |
| Gross Fixed Assets - Re-Basing Opening |
| Add: CWIP Re-Basing Opening |
| Re-Basing Capital Additions |
| Re-Basing Capital Disposals |
| Re-Basing Capital Retirements |
| Deduct: CWIP Re-Basing Closing |
| Gross Fixed Assets - Re-Basing Closing |
| Average Gross Fixed Assets |
|  |
| Accumulated Depreciation - Re-Basing Opening |
| Re-Basing Depreciation Expense |
| Re-Basing Disposals |
| Re-Basing Retirements |
| Accumulated Depreciation - Re-Basing Closing |
| Average Accumulated Depreciation |

## Average Net Fixed Assets

## Working Capital Allowance

Working Capital Allowance Base
Working Capital Allowance Rate
Working Capital Allowance

## Rate Base

| Return on Rate Base |
| :--- |
| Deemed ShortTerm Debt \% |
| Deemed Long Term Debt \% |
| Deemed Equity \% |
| Short Term Interest |
| Long Term Interest |
| Return on Equity |
| Return on Rate Base |
| Distribution Expenses |
| OM\&A Expenses |
| Amortization |
| Ontario Capital Tax (F1.1 z-Factor Tax Changes) |
| Grossed Up PILs (F1.1 z-Factor Tax Changes) |
| Low Voltage |
| Transformer Allowance |

Revenue Offsets

## Specific Service Charges

Late Payment Charges
Other Distribution Income
Other Income and Deductions

## Revenue Requirement from Distribution Rates

| Rate Classes Revenue |
| :--- |
| Rate Classes Revenue - General $\quad$ (B1.1 Re-Basing Revenue - Gen) |
| Rate Classes Revenue - Unique $\quad$ (B2.1 Re-Basing Revenue - Unique) |
| Rate Classes Revenue - Total |
| Difference |
| Difference (Percentage - should be less than 1\%) |



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```
Purpose of this sheet:
    This sheet may be completed by applicants required to make adjustment to revenue cost ratios. This sheet captures the allocation of costs
    This sheet may be complet
Steps:
    1. From the last rebasing identify the cost allocation study used.
    2. Enter the original revenue and expenses to the assigned rate classes.
Note:
This sheet may be completed by applicants required to make revenue cost ratio adjustments. The completion of the revenue component is
```

| Rate Class | Total Revenue A | \% of Revenue $B=A / \$ J$ |  | tal Expenses C | $\begin{aligned} & \% \text { of Cost } \\ & \mathrm{D}=\mathrm{C} / \mathrm{\$ K} \end{aligned}$ |  | d Ne <br> (NI) <br> E | ome | \% of All NI $F=E / \$ L$ |  | plus <br> come | \% Tot Exp plus All NI H = G / \$M | Revenue/Cost Ratio \% $\mathrm{I}=\mathrm{A} / \mathrm{H}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| General Service Less Than 50 kW |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| General Service 50 to 4,999 kW |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Unmetered Scattered Load |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Sentinel Lighting |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Street Lighting |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 7 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 8 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 9 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 10 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 11 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 12 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 13 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 14 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 15 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 16 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 17 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 18 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 19 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 20 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 21 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 22 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 23 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 24 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 25 |  |  |  |  |  |  |  |  |  | \$ | - |  |  |
|  | \$ | 0.0\% | \$ | - | 0.0\% | \$ |  | - | 0.0\% | \$ | - | 0.0\% |  |
|  | J |  |  | K |  |  | L |  |  |  |  |  |  |

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```
Purpose of this sheet:
    This sheet may be completed by applicants who have unique rate classes requiring adjustment to revenue cost ratios. This shee
captures the allocation of costs to the affected rate classes.
Steps:
    1. From the last rebasing, identify the cost allocation study used.
    2. Enter the original revenue and expenses to the assigned rate classes.
Note:
This sheet may be completed by applicants required to make revenue cost ratio adjustments. The completion of the revenue
```

| Rate Class | Total Revenue A | \% of Revenue $B=A / \$ J$ |  | Total xpenses C | \% of Cost $D=C / \$ K$ |  | (NI) | \% of All NI $F=E / \$ L$ | Total Expenses plus Allocated Net IncomeG = C + D |  | \% Tot Exp <br> plus All NI <br> H = G / \$M | Revenue/Cost Ratio \% $I=A / H$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Class 26 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 27 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 28 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 29 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 30 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 31 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 32 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 33 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 34 |  |  |  |  |  |  |  |  | \$ | - |  |  |
| Rate Class 35 |  |  |  |  |  |  |  |  | \$ | - |  |  |
|  | \$ - | 0.0\% | \$ | - | 0.0\% | \$ | - | 0.0\% | \$ | - | 0.0\% |  |
|  | J |  |  | K |  |  |  |  |  |  |  |  |

```
Purpose of this sheet:
    This sheet shows the calculation of expenses for general classes when applied to the re-based revenue as
    calculated on sheet B1.1. The result is the revenue cost ratio from the re-basing.
Note:
It is important that the ratios in E (column K) be close to those in the rebasing Decision, or supplied in support of the draft Rate Order. If the difference is material, then 1) the applicant may wish to check the accuracy of the inputs at B1.1, or 2 ) assure that the anomaly is not due to a unique classe that prevents a proper reconciliation.
```

| Rate Class | Total Revenue A | \% of Revenue $B=A / \$ H$ | Total Expenses plus Allocated Net Income C | \% Tot Exp plus All NI $\mathrm{D}=\mathrm{C} / \$ \mathrm{l}$ | Revenuel <br> Cost <br> Ratio \% $E=B / D$ | \% Recovered from Monthly Service Charge F | \% Recovered from Volumetric Distribution Charge G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | \$ 825,557 | 61.6\% |  |  |  | 41.5\% | 58.5\% |
| General Service Less Than 50 kW | \$ 345,086 | 25.7\% |  |  |  | 27.2\% | 72.8\% |
| General Service 50 to 4,999 kW | \$ 138,271 | 10.3\% |  |  |  | 17.1\% | 82.9\% |
| Unmetered Scattered Load | \$ 2,760 | 0.2\% |  |  |  | 40.8\% | 59.2\% |
| Sentinel Lighting | \$ 619 | 0.0\% |  |  |  | 4.7\% | 95.3\% |
| Street Lighting | \$ 28,304 | 2.1\% |  |  |  | 35.1\% | 64.9\% |
| Rate Class 7 | \$ - | 0.0\% |  |  |  |  |  |
| Rate Class 8 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 9 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 10 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 11 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 12 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 13 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 14 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 15 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 16 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 17 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 18 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 19 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 20 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 21 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 22 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 23 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 24 | \$ | 0.0\% |  |  |  |  |  |
| Rate Class 25 | \$ | 0.0\% |  |  |  |  |  |
|  | \$1,340,597 | 100.0\% | \$ | 0.0\% |  |  |  |
|  | H |  | I |  |  |  |  |



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## Purpose of this sheet:

This sheet shows the calculation of expenses for unique classes when applied to the re-based revenue as calculated on sheet B2.1. The result is the revenue cost ratio from the re-basing.

| Rate Class | Total Revenue A | \% of Revenue $B=A / \$ H$ | Total Expenses plus Allocated Net Income C | \% Tot Exp plus All NI D = C $/ \$$ | Revenue/Cost <br> Ratio \% <br> E = B / D | \% Recovered from Monthly Service Charge F | \% Recovered from Volumetric Distribution Charge G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Class 26 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 27 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 28 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 29 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 30 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 31 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 32 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 33 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 34 | \$ |  |  |  |  |  | 0.0\% |
| Rate Class 35 | \$ |  |  |  |  |  | 0.0\% |
|  | \$ | 0.0\% | \$ | 0.0\% |  |  |  |
|  | H |  | I |  |  |  |  |

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Purpose ot this sheet T
Steps:
2. .B entering the valu(s)os the target ratio as required against the rate class that are to be adjusted, a tormulic adjustment to the curent ral
```



```
    4.Once the target valus, are set, the applicant can iterate the ratios tor each rate class. The obiective isto obtain an ""ut of Balance"
    ro. This can be acheived by
    . 6.Transter the resultant adjustments found in Columns J, K&L L t the 2009 OEB 3GIRM Rate Generator sheet "D1.2 Reven Cost Ratio Adj-
```



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Purpose of this sheet:
This sheet aids in the re-allocation of revenues for Unique classes (if applicable). The result is the revenue to cost ratio adjustment as required.

Steps:

1. The "Adjust Revenue/Cost Ratio \%" (B) is originally set to the value shown in (A).
2. By entering the value(s) of the target ratio (as required) against the rate classes that are to be adjusted, this will result in a formulaic adjustment to the current rates in proportion to the class's fixed variable split.
3. The value computed in step 2 will not complete the transition to the new ratio. The applicant can perform a "goal seek" calculation which

| Rate Class | Current Revenue/Cost Ratio \% | Adjust <br> Revenue/Cost Ratio \% | $\begin{gathered} \text { Resultant } \\ \text { Revenue/Cost } \\ \text { Ratio \% } \end{gathered}$ | Formulaic <br> Adjustment to Service Charge |  | Formulaic Adjustment to Distribution Volumetric Rate kWh |  | Formulaic Adjustment to Distribution Volumetric Rate kW |  | Manual <br> Adjustment to Service Charge | Manual <br> Adjustment to Distribution Volumetric Rate kWh | Manual <br> Adjustment to Distribution Volumetric Rate kW | Resultant <br> Adjustment to Service Charge |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Class 26 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 27 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 28 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 29 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 30 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 31 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 32 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 33 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 34 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |
| Rate Class 35 |  |  |  | \$ | - | \$ | - | \$ | - |  |  |  | \$ | - |

# 䢒: Ontario Energy Boarc <br> mission de l'énergie de l'Ontario 

2009 OEB 3GIRM Supplementary Filing Module

This sheet shows the result of the changes to ratio's from Sheet 3.1.

| Rate Class | Fixed Metric | ol Metric | Billed Customers or Connections A | Billed kWh B | $\begin{aligned} & \text { Billed } \mathrm{kw} \\ & c \end{aligned}$ | Base Service Charge D | Ratio Adjustment to Service Charge E | Ratio Adjusted Service Charge $F=D+E$ | Base Distribution Volumetric Rate kWh G | Ratio Adjustment to Distribution Volumetric Rate kWh H | $\begin{gathered} \text { Ratio Adjusted } \\ \text { Distribution Volumetric } \\ \text { Rate } \mathbf{k W h} \\ \mathrm{I}=\mathrm{G}+\mathrm{H} \end{gathered}$ | Base Distribution Volumetric Rate kW J | Ratio Adjustment to Distribution Volumetric Rate kW | $\begin{aligned} & \text { Ratio Adjusted } \\ & \text { Distribution Volumetric } \\ & \text { Rate } k W \\ & L=J+k \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | Customer | kWh | 2.817 | 33,090,578 | . | \$10.13 | -50.18 | 99.95 | ${ }_{50.0146}$ | -90.0003 | s0.0143 | s0.0000 | \$0.0000 | 50.0000 |
| General Service Less Than 50 kW | Customer | kWh | 431 | 14,771,227 |  | \$18.17 | -50.34 | \$17.83 | 50.0170 | -50.0003 | \$0.0167 | 50.0000 | \$0.0000 | \$0.0000 |
| General Service 50 to $4,999 \mathrm{~kW}$ | Customer | kw | ${ }^{16}$ | 14,752,248 | 37,580 | \$123.11 | \$16.16 | \$139.27 | \$0.0000 | 50.0000 | \$0.0000 | 53.0504 | 50.4003 | ${ }^{53.4507}$ |
| Unmetered Scattered Load | Connection | kWh | 11 | 125,709 |  | \$8.53 | 50.00 | 58.53 | 50.0130 | 50.0000 | \$0.0130 | 50.0000 | \$0.0000 | \$0.0000 |
| Sentinel Lighting | Connection | kW | ${ }^{27}$ | 27,890 | 77 | \$0.09 | 50.08 | 50.17 | \$0.0000 | \$0.0000 | s0.0000 | ${ }^{57.6612}$ | \$0.6788 | \$8.3400 |
| Street Lighting | Connection | kW | 1,011 | 581,870 | 1,718 | \$0.82 | 50.13 | s0.95 | 50.0000 | s0.0000 | \$0.0000 | \$10.6841 | ${ }^{\text {\$1.6351 }}$ | \$12.3192 |
| Rate Class 7 | NA | NA |  |  |  | \$0.00 | \$0.00 | s0.00 | \$0.0000 | 50.0000 | \$0.0000 | 50.0000 | 50.0000 | \$0.0000 |
| Rate Class 8 | NA | NA |  |  |  | \$0.00 | 50.00 | s0.00 | \$0.0000 | \$0.0000 | \$0.0000 | ${ }^{50.0000}$ | \$0.0000 | \$0.0000 |
| Rate Class 9 | NA | NA |  |  |  | \$0.00 | \$0.00 | s0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 10 | NA | NA |  |  |  | \$0.00 | \$0.00 | s0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 11 | NA | NA |  | - |  | \$0.00 | \$0.00 | 50.00 | \$0.0000 | 50.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 12 | NA | NA |  | . | . | \$0.00 | 50.00 | \$0.00 | 50.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 13 | NA | NA |  |  |  | \$0.00 | \$0.00 | \$0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 14 | NA | NA |  |  | . | \$0.00 | 50.00 | 50.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | 50.0000 | \$0.0000 |
| Rate Class 15 | NA | NA |  |  |  | \$0.00 | \$0.00 | \$0.00 | 50.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 16 | NA | NA |  |  |  | \$0.00 | \$0.00 | \$0.00 | 50.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 17 | NA | NA |  |  |  | \$0.00 | \$0.00 | s0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 18 | NA | NA |  |  |  | \$0.00 | 50.00 | \$0.00 | 50.0000 | \$0.0000 | \$0.0000 | 50.0000 | 50.0000 | \$0.0000 |
| Rate Class 19 | NA | NA |  |  | - | \$0.00 | \$0.00 | 50.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 20 | NA | NA |  |  | - | \$0.00 | 50.00 | s0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 21 | NA | NA | . | . | - | \$0.00 | 50.00 | 50.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 22 | NA | NA |  |  |  | \$0.00 | 50.00 | 50.00 | 50.0000 | \$0.0000 | \$0.0000 | 50.0000 | 50.0000 | \$0.0000 |
| Rate Class 23 | NA | NA |  |  | - | \$0.00 | 50.00 | \$0.00 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 | \$0.0000 |
| Rate Class 24 | NA | NA | . | . | . | \$0.00 | \$0.00 | \$0.00 | 50.0000 | \$0.0000 | \$0.0000 | \$0.0000 | 50.0000 | \$0.0000 |
| Rate Class 25 | NA | NA |  | - | - | \$0.00 | \$0.00 | \$0.00 | \$0.0000 | 50.0000 | \$0.0000 | 50.0000 | 50.0000 | \$0.0000 |



Base Distribution Base Distribution
Base Service Charg
$\%$ Revenue
$Y=M /$ sAK

Ratio Adjustment to
Ratio Adjustment to Adjustment to
Distribution Volumetric
Distribution Volumetric
Ratio Adjustment to
Rate 0 Revenue Service Charge \% Rate \% Revenue Rate \% Revenue Total \% Revenue by $\begin{array}{cccc}\begin{array}{c}\text { Service Charge } \\ \text { Revenue }\end{array} & \begin{array}{c}\text { Rate } \% \text { Revenue } \\ \mathrm{kWh}\end{array} & \begin{array}{c}\text { Rate } \% \text { Revenue } \\ \mathrm{kW}\end{array} & \text { Total \% Revenue by }\end{array}$ $\mathrm{AC}=\mathrm{Q} / \mathrm{SAO}_{38.0 \%} \quad \mathrm{AD}=\mathrm{R} / \mathrm{SAP} \quad \mathrm{F} 20 \% \mathrm{AE}=\mathrm{S} / \mathrm{SAQ}$ $\left.\begin{array}{cc}\text { Rate Class } \\ \text { AF }=T / \text { SAR }\end{array}\right)$ Ratio Adjusted Distribution Ratio Adjusted Distribution Charge $\%$ Revenue
AG $=\mathrm{U} /$ sAS

Ratio Adjusted Service volumetric Rate \% Revenue volumetric Rate \% Revenue Ratio Adjusted Total \%
netric Rate $\%$ R
kWh
aH $\mathrm{k} \mid$
$\mathrm{kI}=\mathrm{w} /$ SAU Ratio Adjusted
Revenue by Rate
AJ $=\mathrm{V} / \mathrm{SAV}$ $\mathrm{AJ}=\mathrm{V} / \mathrm{SAV}$


## 7 Ontario Energy Board

2009 OEB 3GIRM Supplementary Filing Module

```
Purpose of this sheet:
```





## , Ontario Energy Board <br> Commission de l'énergie de l'Ontario <br> 2009 OEB 3GIRM Supplementary Filing Module

## Purpose of this sheet:

This sheet shows the result of the changes to ratios from Sheet 3.1 and Sheet 3.2 to result in the "Out of Balance" section.

|  | Service Charge Revenue |  | Distribution Volumetric Rate Revenue kWh |  | Distribution Volumetric Rate Revenue kW |  | Total Revenue by Rate Class |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Before Cost Ratio Adjustment |  |  |  |  |  |  |  |  |
| General (C3.1 CA RevCst-RateRe-alloc-Gen) | \$ | 471,150 | \$ | 735,868 | \$ | 133,579 | \$ | 1,340,597 |
| Unique (ç.2 CA Revcst-RateRe-allo-Unq) | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Revenue Before Cost Ratio Adjustment | \$ | 471,150 | \$ | 735,868 | \$ | 133,579 | \$ | 1,340,597 |
| Revenue Cost Ratio Adjustment |  |  |  |  |  |  |  |  |
| General (c3.1 CA RevCst-RateRe-alloc-Gen) | -\$ | 3,137 | -\$ | 14,359 | \$ | 17,905 | \$ | 409 |
| Unique (ç.2 CA Revcst-RateRe-alloc-Unq) | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Revenue Cost Ratio Adjustment | -\$ | 3,137 | -\$ | 14,359 | \$ | 17,905 | \$ | 409 |
| Revenue After Cost Ratio Adjustment |  |  |  |  |  |  |  |  |
| General (C3.1 CA RevCst-RateRe-alloc-Gen) | \$ | 468,013 | \$ | 721,509 | \$ | 151,484 | \$ | 1,341,006 |
| Unique (c3.2 CA RevCst-RateRe-alloc-Unq) | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Revenue After Cost Ratio Adjustment | \$ | 468,013 | \$ | 721,509 | \$ | 151,484 | \$ | 1,341,006 |
| Out of Balance |  |  |  |  |  |  |  |  |
| Before Cost Ratio Adjustment | \$ | 471,150 |  | 735,868 | \$ | 133,579 | \$ | 1,340,597 |
| After Cost Ratio Adjustment | \$ | 468,013 | \$ | 721,509 | \$ | 151,484 | \$ | 1,341,006 |
| Total | \$ | 3,137 | \$ | 14,359 | -\$ | 17,905 | -\$ | 409 |

# Ontario Energy Board <br> Commission de l'énergie de l'Ontario 

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet
This sheet is only required to be completed if the applicant is intending to apply for incremental capital. This sheet再 function to be used for the Incremental Capital Threhhold calculation.

Instructions:

1. Enter number of customers in column H (A)
. Enter kWh in column I (B) for all classe
2. Enter kW in column J (C) for customer groups billed in kW or kVA


## 篤 Ontario Energy Board <br> Commission de rénergie de 'Ontario <br> 2009 OEB 3GIRM Supplementary Filing Module

```
Purpose of this sheet:
    This sheet is only required to be completed if the applicant is intending to apply for incremental capital. This sheet
    captures the Billing Determinants from the "Most Recent Year" (i.e. 2007 Actual) as required to calculate the "Growth"
    function to be used for the Incremental Capital Threhhold calculation.
Instructions:
    1. Enter number of customers in column H(A)
    2. Enter kWh in column I (B) for all classes
    3. Enter kW in column J (C) for customer groups billed in kW or kVA
```

| Rate Class | Fixed Metric | Vol Metric | Billed Customers or Connections A | $\begin{gathered} \text { Billed kWh } \\ \text { B } \end{gathered}$ | Billed kW <br> C | Base Service Charge D | Base <br> Distribution Volumetric Rate kWh E | Base Distribution Volumetric Rate kW F | Service Charge Revenue 12 | Distribution Volumetric Rate Revenue $\begin{gathered} \mathrm{kWh} \\ \mathrm{H}=\mathrm{B} * \mathrm{E} \end{gathered}$ | Distribution Volumetric Rate Revenue kW $I=C * F$ | Total Revenue by Rate Class I |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Class 26 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 27 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 28 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 29 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 30 | NA | NA | 0 | 0 | 0 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 31 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 32 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 33 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 34 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Rate Class 35 | NA | NA | 0 | 0 | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|  |  |  |  |  |  |  |  |  | \$0.00 | \$0.00 | \$0.00 | \$0.00 |

## Ontario Energy Board

Commission de l'énergie de l'Ontario

## 2009 OEB 3GIRM Supplementary Filing Module

## urpose of this sheet:

This sheet determines the capital structure transition adjustment necessary for the utility. It is based on the Rate Base as shown on Sheet B3.1

## Capital Structure Transition

| Year | $\begin{gathered} \text { Small } \\ {[\$ 0, \$ 100 \mathrm{M})} \end{gathered}$ |  |  | Med-Small$[\$ 100 \mathrm{M}, \$ 250 \mathrm{M})$ |  |  | Med-Large [\$250M,\$1B) |  |  | $\begin{aligned} & \text { Large } \\ & >=\$ 1 B \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Short Term Debt | Long Term Debt | Equity | Short Term Debt | Long Term | 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 | $\boldsymbol{A}$ | $\$ 2,721,381$ |
| :--- | :--- | :---: |
| Size of Utility | $\boldsymbol{B}$ | Small |
|  |  |  |

Deemed Capital Structure

2008
2009

| Short Term <br> Debt | Long Term <br> Debt | Equity |
| :---: | :---: | :---: |
| $4.0 \%$ | $49.3 \%$ | $46.7 \%$ |
| $4.0 \%$ | $52.7 \%$ | $43.3 \%$ |

Purpose of this sheet:
This sheet calculates the K-Factor adjustment as determined from Sheet "E1.1". The K-factor value as calculated below (AX) should be entered on Sheet "D2.2 K-Factor Adjustment Gen" and Sheet "D2.2 K-Factor Adjustment - Uniq".

| Applicants Rate Base |
| :--- |
| Average Net Fixed Assets |
| Gross Fixed Assets - Re-Basing Opening |
| Add: CWIP Re-Basing Opening |
| Re-Basing Capital Additions |
| Re-Basing Capital Disposals |
| Re-Basing Capital Retirements |
| Deduct: CWIP Re-Basing Closing |
| Gross Fixed Assets - Re-Basing Closing |
| Average Gross Fixed Assets |
| Accumulated Depreciation - Re-Basing Opening |
| Re-Basing Depreciation Expense |
| Re-Basing Disposals |
| Re-Basing Retirements |
| Accumulated Depreciation - Re-Basing Closing |
| Average Accumulated Depreciation |
| Average Net Fixed Assets |
| Working Capital Allowance |
| Working Capital Allowance Base |
| Working Capital Allowance Rate |
| Working Capital Allowance |
| Rate Base |


| Last Rate Re-Basing Amount |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| \$3,574,261 | A |  |  |  |
| \$ | B |  |  |  |
| \$ 163,500 | C |  |  |  |
| \$ - | D |  |  |  |
| \$ | E |  |  |  |
| \$ | F |  |  |  |
| \$3,737,761 | G |  |  | H |
|  |  | \$3,656,011 |  |  |
| \$1,691,901 | I |  |  |  |
| \$ 178,637 | J |  |  |  |
| \$ - | K |  |  |  |
| \$ - | L |  |  |  |
| \$1,870,538 | M |  |  |  |
|  |  |  | ,781,220 | N |
|  |  |  | ,874,792 | O |
| $\begin{gathered} \$ 5,643,929 \\ 15.0 \% \end{gathered}$ | P |  |  |  |
|  | Q |  |  |  |
|  |  |  | 846,589 | R |
|  | \$2,721,381 |  |  | S |
| 4.00\% | T |  | 108,855 | W |
| 52.70\% | U |  | ,434,168 | X |
| 43.30\% | V | \$1, | ,178,358 | Y |
| 4.47\% | Z | \$ | 4,866 | AC |
| 5.82\% | AA | \$ | 83,469 | $A D$ |
| 8.57\% | AB |  | 100,985 | $A E$ |

Long Term Interest
Return on Equity
Return on Rate Base

| Distribution Expenses |
| :--- |
| OM\&A Expenses |
| Amortization |
| Ontario Capital Tax |
| Grossed Up PILs |
| Low Voltage |
| Transformer Allowance |
|  |


| \$ | 964,229 | AG |
| :---: | :---: | :---: |
| \$ | 178,637 | AH |
| \$ | - | AI |
| \$ | 29,101 | AJ |
| \$ | 139,296 | AK |
| \$ | 12,958 | AL |
| \$ | - | AM |
| \$ | - | AN |
| \$ | - | AO |
|  |  | \$1,324,221 |
| -\$ | 57,220 | AQ |
| -\$ | 12,200 | AR |
| -\$ | 77,232 | AS |
| \$ | - | AT -\$ 146,652 |


| Revenue Offsets | -\$ | 57,220 | AQ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Specific Service Charges |  |  |  |  |  |
| Late Payment Charges | -\$ | 12,200 | AR |  |  |
| Other Distribution Income | -\$ | 77,232 | AS |  |  |
| Other Income and Deductions | \$ | - | AT -\$ | \$ 146,652 | AU |
| Revenue Requirement from Distribution Rates (after Capital Structure Transition) |  |  |  | \$1,366,889 | AV |
| Revenue Requirement from Distribution Rates (Before Capital Structure Transition) |  |  |  | \$1,369,411 | AW |
| K-factor Adjustment | E1.2 K-Factor Adjustment ${ }^{-0.18 \%}$ AX |  |  |  |  |

This sheet calculates "Shared Tax Saving Rate Rider"
Instructions:

1. If the CCA rate changes were not applied in the re-basing then the appropriate values should be inputted here.
2. Enter the Taxable Capital amount and Deduction used in the last re-basing for the Ontario Taxable Capital calculation.
3. Enter the Regulatory Taxable Income used in the last rebasing to calculated PILs.

## Summary - Sharing of Tax Change Forecast Amounts

## 1. Tax Related Amounts Forecast from CCA Rate Changes

Please note that the component with respect to CCA rates need only be completed if the affected
changes were not applied in the 2008 COS process.

## Computer Equipment (All Class 45 - If no change made)

Opening UCC Balance - Jan 1, 2007
UCC Purchases / Additions to March 18, 2007
UCC Purchases / Additions on or after March 19, 2007
Closinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before $1 / 2$ Yr Adjustment
$1 / 2$ Year Rule \{1/2 Additions Less Disposals $\}$
Reduced UCC
CCA Rate -former tax rule CCA rate
Total CCA Test Year - Computer Equipment (Class 45 - No Change

| $\$ \$$ | 10,071 |
| :--- | :---: |
| $\$$ | - |
| $\$$ | 4,147 |
| $\$$ | 14,218 |
| $\$$ | - |
| $\$$ | 14,218 |
| $\$$ | - |
| $\$$ | 14,218 |
|  | $45 \%$ |
| $\$$ | 6,398 |

Computer Equipment (Class 45 - If change made)
Opening UCC Balance - Jan 1, 2007
UCC Purchases / Additions to March 18, 2007
UCC Balance - former tax rule CCA rate
CCA Rate
CCA Test Year - Computer Equipment (Class 45 - No Change)


Affected Computer Equipment (Class 50 - As included in re-basing)
UCC Purchases / Additions on or after March 19, 2007
Closinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before $1 / 2$ Yr Adjustment
1/2 Year Rule \{1/2 Additions Less Disposals\}
Reduced UCC
CCA Rate -former tax rule CCA rate
CCA Test Year (Class 50-As included in re-basing)

## Change in CCA - Computer Equipment (Class 45; New Class 50)

Distribution Assets (All Class 1 - If no change made)
Opening UCC Balance - Jan 1, 2007
UCC Purchases / Additions to March 18, 2007
UCC Purchases / Additions on or after March 19, 2007
Closinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before $1 / 2 \mathrm{Yr}$ Adjustment
1/2 Year Rule \{1/2 Additions Less Disposals\}
Reduced UCC
CCA Rate -former tax rule CCA rate
Total CCA Test Year - Distribution Assets (Class 1 - No Change

| $\$$ | 4,147 |
| :--- | :---: |
| $\$$ | 4,147 |
| $\$$ | - |
| $\$$ | 4,147 |
| $\$$ | - |
| $\$$ | 4,147 |
|  | $45 \%$ |
| $\$$ | 1,866 |

Distribution Assets (Class 4 - If change made)
Opening UCC Balance - Jan 1, 2007
UCC Purchases / Additions to March 18, 2007
UCC Balance - former tax rule CCA rate
CCA Rate
CCA Test Year - Computer Equipment (Class 45 - No Change)

| $\$$ | $2,068,382$ |
| :--- | :---: |
| $\$$ | - |
| $\$$ | - |
| $\$$ | $2,068,382$ |
| $\$$ | - |
| $\$$ | $2,068,382$ |
| $\$$ | - |
| $\$$ | $2,068,382$ |
|  | $4 \%$ |
| $\$$ | $\mathbf{8 2 , 7 3 5}$ |

Distribution Assets (Class 1.1 - If change made)
UCC Purchases / Additions on or after March 19, 2007


2009
2010
\$
415
\$

Computer Equipment (Class 50 - If change made)
UCC Purchases / Additions on or after March 19, 2007
losinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before $1 / 2$ Yr Adjustment
$1 / 2$ Year Rule \{1/2 Additions Less Disposals\}
CCA Rate -former tax rule CCA rate
CCA Test Year

$$
2008
$$

$$
\$ \quad 415
$$

Closinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before $1 / 2 \mathrm{Yr}$ Adjustment
$1 / 2$ Year Rule \{1/2 Additions Less Disposals\}
Reduced UCC
CCA Rate -former tax rule CCA rate
CCA Test Year
Total CCA Test Year - Distribution Assets - If change mad
Affected Distribution Assets (Class 1.1 - As included in re-basing)
UCC Purchases / Additions on or after March 19, 2007
Closinging UCC Balance - Dec 31, 2007
UCC Purchases / Additions in Test Year 2008
UCC Before 1/2 Yr Adjustment
$1 / 2$ Year Rule \{1/2 Additions Less Disposals\}
Reduced UCC
CCA Rate -former tax rule CCA rate
Affected Distribution Assets CCA Test Year (Class 1.1-As included in re-basing)

## Change in CCA - Distribution Assets (Class 1; New Class 1.1)

CCA Difference
Tax Rate (Anticipated Corporate Incorne Tax Rates during IR term)
Tax Impact
Grossed-up Tax Amount
2. Tax Related Amounts Forecast from Capital Tax Rate Changes

Taxable Capital
Deduction from taxable capital up to $\$ 15,000,000$

Net Taxable Capital
Rate

Ontario Capital Tax (Deductible, not grossed-up)
3. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income

Corporate Tax Rate
Tax Impact

## Grossed-up Tax Amount

Tax Related Amounts Forecast from CCA Rate Changes
Tax Related Amounts Forecast from Capital Tax Rate Changes

Tax Related Amounts Forecast from Income Tax Rate Changes
Total Tax Related Amounts

Incremental Tax Savings
Total Tax Savings (2009-2012)
Sharing of Tax Savings (50\%)
Total Sharing of Tax Savings (50\%)

| $\$$ | - |
| :--- | ---: |
| $\$$ | - |
| $\$$ | - |
| $\$$ | - |
| $\$$ | - |
|  | $6 \%$ |
| $\$$ | - |
|  |  |
| $\$$ | 82,735 |



| 2008 |  | 2009 |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | \$ | - | \$ | - |
| \$ | 415 | \$ | 415 | \$ | 415 |
|  | 16.5\% |  | 16.5\% |  | 16.5\% |
| \$ | 68 | \$ | 68 | \$ | 68 |
| \$ | 82 | \$ | 82 | \$ | 82 |
|  | 2008 |  | 2009 |  | 2010 |
| \$ | 2,721,382 | \$ | 2,721,382 | \$ | 2,721,382 |
| \$ | 15,000,000 | \$ | 15,000,000 | \$ | 15,000,000 |
| -\$ | 12,278,618 | -\$ | 12,278,618 | -\$ | 12,278,618 |
|  | 0.225\% |  | 0.225\% |  | 0.150\% |
| \$ | - | \$ | - | \$ | - |
| 2008 |  | 2009 |  | 2010 |  |
| \$ | 147,268 | \$ | 147,268 | \$ | 147,268 |
|  | 16.5\% |  | 16.5\% |  | 16.5\% |
| \$ | 24,299 | \$ | 24,299 | \$ | 24,299 |
| \$ | 29,101 | \$ | 29,101 | \$ | 29,101 |


| \$ | 82 | \$ | 82 | \$ | 82 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | \$ | - | \$ | - |
| \$ | 29,101 | \$ | 29,101 | \$ | 29,101 |
| \$ | 29,183 | \$ | 29,183 | \$ | 29,183 |
|  |  | \$ | - | \$ | - |

Purpose of this sheet:
This sheet calculates "Shared Tax Saving Rate Rider" based on Option A: Fixed Variable split.
The applicant may elect to enter the calculated rate riders as found under Columns K, L, \& M onto Sheet "J2.5 Tax
Change Rate Rider" Change Rate Rider"
The applicant may alternatively elect to use Option B based on Volumetric allocation or calculate an alternative rate rider.

The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

| Rate Class | Fixed Metric | Vol Metric | Service <br> Charge \% <br> Revenue <br> A | Distribution Volumetric Rate \% Revenue kWh B | Distribution Volumetric Rate \% Revenue kW C | Service Charge Revenue $D=\$ N * A$ | Distribution Volumetric Rate Revenue kWh $E=\$ N$ * $B$ | Distribution Volumetric Rate Revenue kW $F=\$ N^{*} C$ | Total Revenue by Rate Class F | Billed Customers or Connections H | Billed kWh I | $\begin{gathered} \text { Billed kW } \\ J \end{gathered}$ | Service Charge Rate Rider $\mathrm{K}=\mathrm{D} / \mathrm{H} / 12$ | Distribution Volumetric Rate kWh Rate Rider L = E/I | Distribution Volumetric Rate kW Rate Rider M $=\mathbf{F} / \mathbf{J}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | Customer | kWh | 25.1\% | 35.3\% | 0.0\% | \$ | \$ | \$ | \$ - | 2,817 | 33,090,578 | 0 | \$0.0000000 | \$0.0000000 |  |
| General Service Less Than 50 kW | Customer | kWh | 6.9\% | 18.4\% | 0.0\% | \$ - | \$ | \$ - | \$ - | 431 | 14,771,227 | - | \$0.0000000 | \$0.0000000 |  |
| General Service 50 to 4,999 kW | Customer | kW | 2.0\% | 0.0\% | 9.7\% | \$ | \$ | \$ | \$ - | 16 | 14,752,248 | 37,580 | \$0.0000000 | \$0.0000000 | \$0.0000000 |
| Unmetered Scattered Load | Connection | kWh | 0.1\% | 0.1\% | 0.0\% | \$ | \$ | \$ | \$ | 11 | 125,709 | 0 | \$0.0000000 | \$0.0000000 |  |
| Sentinel Lighting | Connection | kW | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ - | 27 | 27,890 | 77 | \$0.0000000 | \$0.0000000 | \$0.0000000 |
| Street Lighting | Connection | kW | 0.9\% | 0.0\% | 1.6\% | \$ | \$ - | \$ - | \$ - | 1,011 | 581,870 | 1,718 | \$0.0000000 | \$0.0000000 | \$0.0000000 |
| Rate Class 7 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ - | \$ | \$ - | 0 | 0 | 0 |  |  |  |
| Rate Class 8 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 9 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 10 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 11 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 12 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 13 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 14 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 15 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 16 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 17 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 18 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 19 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 20 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 21 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 22 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 23 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 24 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |
| Rate Class 25 | NA | NA | 0.0\% | 0.0\% | 0.0\% | \$ | \$ | \$ | \$ | 0 | 0 | 0 |  |  |  |

N

## 设 Ontario Energy Board <br> Commission de l'énergie de l'Ontario <br> 2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
This sheet calculates "Shared Tax Saving Rate Rider" based on Option B: Volumetric allocation.
The applicant may elect to enter the calculated rate riders as found under Columns F \& G onto Sheet "J2.5 Tax Change Rate Rider"
The applicant may alternatively elect to use Option A based on Fixed Variable split or calculate an alternative rate rider.
The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

| Rate Class | Fixed Metric | Vol Metric | Total Revenue \$ by Rate Class A | Total Revenue \% by Rate Class $\mathrm{B}=\mathrm{A} / \$ \mathrm{H}$ | Total Z-Factor Tax Change\$ by Rate Class $C=\$ 1 * B$ | $\begin{gathered} \text { Billed kWh } \\ \text { D } \end{gathered}$ | $\begin{gathered} \text { Billed kW } \\ \text { E } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | Customer | kWh | \$809,545 | 60.37\% | \$0 | 33,090,578 | 0 |
| General Service Less Than 50 kW | Customer | kWh | \$338,896 | 25.27\% | \$0 | 14,771,227 | 0 |
| General Service 50 to 4,999 kW | Customer | kW | \$156,417 | 11.66\% | \$0 | 14,752,248 | 37,580 |
| Unmetered Scattered Load | Connection | kWh | \$2,760 | 0.21\% | \$0 | 125,709 | 0 |
| Sentinel Lighting | Connection | kW | \$697 | 0.05\% | \$0 | 27,890 | 77 |
| Street Lighting | Connection | kW | \$32,690 | 2.44\% | \$0 | 581,870 | 1,718 |
| Rate Class 7 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 8 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 9 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 10 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 11 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 12 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 13 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 14 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 15 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 16 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 17 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 18 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 19 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 20 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 21 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 22 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 23 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 24 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
| Rate Class 25 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |
|  |  |  | \$1,341,006 | 100.00\% | \$0 |  |  |
|  |  |  | H |  | 1 |  |  |

## Ontario Energy Board <br> Commission de l'énergie de l'Ontario <br> 2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
This sheet calculates "Price Cap Index" and the "Growth" value to be used in the Incremental Capital Threshold calculation.

The Price Cap Index is also to be entered on Sheet "F1.2 Price Cap Adjustment - Gen" and Sheet "F1.3 Price Cap Adjustment - Unq" if applicable.

Note:

| Price Cap Index |  |  |
| :---: | :---: | :---: |
| Price Escalator (GDP-IPI) | 2.10\% |  |
| Less Productivity Factor | -0.72\% |  |
| Less Stretch Factor | -0.40\% |  |
| Price Cap Index |  | 0.98\% |
| Growth |  |  |
| Re-Basing - General B1.1 Re-Basing Revenue - Gen | \$1,340,597 | A |
| Re-Basing - Unique B2.1 Re-Basing Revenue - Unique | \$ | B |
| Re-Basing - Total |  | \$1,340,597 |
| Most Recent Year Reported - Generadi.1 Ld Act-Mst Rcent Yr - Gen | \$ | D |
| Most Recent Year Reported - Unique di. 2 Ld Act-Mst Rcent Yr - Uniq | \$ | E |
| Most Recent Year Reported - Total |  | \$ |
| Growth |  | 0.00\% |

G1.1 Threshold Parameters

## 篤 Ontario Energy Board

2009 OEB 3GIRM Supplementary Filing Module

```
Purpose of this sheet:
    This sheet calculates the Incremental Capital Threshold and the Incremental Capital CAPEX
Instructions
1. The Threshold Test (L) and resultant Threshold CAPEX (M) are based on inputs form sheets "B3.1 Re-Basing Reven Requiremt" , "D1.1 Ld
Act-Mst Rcent Yr-Gen", "D1.2 Ld Act-Mst Rcent Yr - Unq", and "G1.1 Threshold Parameters".
2. The applicant may elect to test their 2009 Proposed Capital Forecast by entering inputs as shown in Column Owhich calculates Propose CAPEX" (Q).
3. If Proposed CAPEX \((Q)\) is greater than Threshold CAPEX \((M)\), Incremental Capital CAPEX \((R)\) is calculated.
```

| Year Status | $\begin{gathered} 2005 \\ \text { Actual } \end{gathered}$ | $\begin{aligned} & 2006 \\ & \text { Actual } \end{aligned}$ | $\begin{gathered} 2007 \\ \text { Actual } \end{gathered}$ | 2008 |  | $\begin{gathered} 2008 \\ \text { Forecast } \end{gathered}$ |  | $\begin{gathered} 2009 \\ \text { Proposed } \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Re-Basing |  |  |  |  |  |
| Price Cap Index |  |  |  | 0.98\% | A |  |  |  |  |
| Growth |  |  |  | 0.00\% | B |  |  |  |  |
| Dead Band |  |  |  | 20\% | c |  |  |  |  |
| Average Net Fixed Assets |  |  |  |  |  |  |  |  |  |
| Gross Fixed Assets Opening | \$- | \$- | \$- | \$3,574,261 |  | \$ | - | \$ |  |
| Add: CWIP Opening | \$- | \$- | \$- | \$ - |  | \$ | - | \$ |  |
| Capital Additions | \$- | \$- | \$- | \$ 163,500 |  | \$ | - | \$ |  |
| Capital Disposals | \$- | \$- | \$- | \$ - |  | \$ | - | \$ |  |
| Capital Retirements | \$- | \$- | \$- | \$ - |  | \$ | - | \$ |  |
| Deduct: CWIP Closing | \$- | \$- | \$- | \$ |  | \$ | - | \$ |  |
| Gross Fixed Assets - Closing | \$- | \$- | \$- | \$3,737,761 |  | \$ | - | \$ |  |
| Average Gross Fixed Assets | \$- | \$- | \$- | \$3,656,011 |  | \$ | - | \$ |  |
| Accumulated Depreciation - Opening | \$- | \$- | \$- | \$1,691,901 |  | \$ | - | \$ |  |
| Depreciation Expense | \$- | \$- | \$- | \$ 178,637 | G | \$ | - | \$ |  |
| Disposals | \$- | \$- | \$- | \$ |  | \$ | - | \$ |  |
| Retirements | \$- | \$- | \$- | \$ |  | \$ | - | \$ |  |
| Accumulated Depreciation - Closing | \$- | \$- | \$- | \$1,870,538 |  | \$ | - | \$ |  |
| Average Accumulated Depreciation | \$- | \$- | \$- | \$1,781,220 |  | \$ | - | \$ |  |
| Average Net Fixed Assets | \$- | \$- | \$- | \$1,874,792 | H | \$ | - | \$ |  |

## Working Capital Allowance

Working Capital Allowance Base
Working Capital Allowance Rate
Working Capital Allowance
Rate Base
Depreciation
\$5,643,929

| $15 \%$ |
| :--- |
| $\$ 846,589$ |

$\$ 2,721,381 \mathrm{~J}=\mathrm{H}+\mathrm{I}$

Threshold Test
G $\$ 178,637 \mathrm{~K}$

Threshold CAPEX
$134.93 \% \mathrm{~L}=1+(\mathrm{J} / \mathrm{K}) *(\mathrm{~B}+\mathrm{A} *(1+\mathrm{B}))+\mathrm{C}$

Proposed CAPEX
CWIP Opening
Capital Additions
CWIP Closing
Proposed CAPEX
Incremental Capital CAPEX
$\$ 241,034 \mathrm{M}=\mathrm{K} * \mathrm{~L}$

```
D$ - N
F$ - P
```

$\$ \quad \mathrm{Q}=\mathrm{N}+\mathrm{O}+\mathrm{P}$
$\qquad$ $\mathrm{R}=\mathrm{Q} \cdot \mathrm{M}$

## Purpose of this sheet:

This sheet calculates the Depreciation Expense factor and CCA factor to be applied to Incremental CAPEX.
Instructions:

1. In order to calculate depreciation for Incremental CAPEX, a factor for the depreciation on new capital in 2009 must be inputted. This amount is exclusive of depreciation on previous period investments. The half year rule for depreciation must be applied to this calculation

## Balance Sheet

Year

Fixed Assets \& Accumulated Depreciation
Gross Fixed Assets -Opening
Add: CWIP Opening
Capital Additions
Capital Disposals
Capital Retirements
Deduct: CWIP Closing
Gross Fixed Assets - Closing
Accumulated Depreciation - Opening
Depreciation Expense
Disposals
Retirements
Accumulated Depreciation - Closing

Depreciation Expense as a percentage of Gross Fixed Assets
Depreciation Expense on Gross Fixed Assets attributable to prior years Depreciation Expense on Gross Fixed Assets attributable to reporting years Depreciation Expense on Gross Fixed Assets

Gross Fixed Assets attributable to prior years
Gross Fixed Assets attributable to reporting years
Gross Fixed Assets - Closing

Depreciation Expense as a percentage of Gross Fixed Assets - Prior Years Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years

Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years Times 2 (Two) to adjust for half-year rule

| 2005 <br> Actual | 2006 <br> Actual | 2007 <br> Actual | 2008 <br> Re-Basing | 2008 <br> Forecast | 2009 <br> Proposed |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$-$ | $\$-$ | $\$-$ | $\$ 3,574,261$ | $\$-$ | - |  |  |
| $\$-$ | $\$-$ | $\$-$ | $\$$ | - | $\$$ | - | $\$$ |


$0 \% \mathrm{C}=\mathrm{A} / \mathrm{B}$
$0 \% \mathrm{D}=\mathrm{C}$ * 2
Income Tax Return
Year

Status
2005

Actual


## CCA as a percent of UCC

Opening UCC
Cost of acquisitions during the year (new property must be available for use)
Other Adjustments
Closing UCC

| 2 | $\$-$ |
| :--- | :--- |
| 3 | $\$-$ |
|  | $\$-$ |
|  | $\$-$ |
|  |  |



CCA as a percent of Opening UCC and Disposals From UCC
CCA as a percent of Additions To UCC

$0 \%$
$0 \%$


0\% $0 \%$ G = E/F

## 刻 Ontario Energy Board

Commission de lénergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
This sheet calculates the Revenue Requirement for Incremental CAPEX to be recovered through the Incremental Capital Rate Rider.

| Current Revenue Requirement |  |  |  |  | A |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Current Revenue Requirement - General \$ \$ 1,340,597 |  |  |  |  |  |
| Current Revenue Requirement - Unique |  |  | \$ | - | $C=A+B$ |
| Current Revenue Requirement - Total |  |  | \$ | 1,340,597 |  |
| Return on Rate Base |  |  |  |  |  |
| Incremental Capital CAPEX <br> Depreciation Expense as a percentage of Gross <br> Fixed Assets - Reporting Years <br> Incremental Capital CAPEX to be included in <br> Rate Base |  |  | \$ | - | D |
|  |  | E | \$ | - | $F=\mathrm{D}$ * E |
|  |  |  |  |  |  |
|  |  |  | \$ | - | $\mathrm{G}=\mathrm{D}+\mathrm{F}$ |
| Deemed ShortTerm Debt \% | 4.0\% | H | \$ | - | $\mathrm{J}=\mathrm{G}$ * $\mathbf{H}$ |
| Deemed Long Term Debt \% | 52.7\% | 1 | \$ | - | $\mathrm{K}=\mathrm{G}$ * 1 |
| Short Term Interest | 4.47\% | L | \$ | - | $\mathrm{N}=\mathrm{J}$ * L |
| Long Term Interest | 5.82\% | M | \$ | - | $\mathrm{O}=\mathrm{K}$ * M |
| Return on Rate Base - Interest |  |  | \$ | - | $\mathrm{P}=\mathrm{N}+\mathrm{O}$ |
| Deemed Equity \% | 43.3\% | Q | \$ | - | $\mathrm{R}=\mathrm{G}$ * Q |
| Return on Rate Base -Equity | 8.57\% | S | \$ | - | $\mathrm{T}=\mathrm{R}$ * S |
| Return on Rate Base - Total |  |  | \$ | - | $\mathbf{U}=\mathbf{P}+\mathbf{T}$ |


| Amortization Expense |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Incremental Capital CAPEX |  | $\$ 0.00$ | V = D |  |
| Depreciation Expense as a percentage of Gross <br> Fixed Assets - Reporting Years | $0.00 \%$ | $\mathbf{w}$ |  |  |
| Amortization Expense - Incremental |  |  | $\$$ | - |


| Grossed up PIL's |  |  |  |  | $\mathrm{Y}=\mathrm{T}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Regulatory Taxable Income |  |  | \$ | - |  |
| Add Back Amortization Expense |  |  | \$ | - | $\mathrm{Z}=\mathrm{X}$ |
| Incremental Capital CAPEX | \$0.00 | AA $=$ D |  |  |  |
| CCA as a percent of Average UCC | 0.00\% | AB |  |  |  |
| Deduct CCA |  | AE | \$ | - | $A C=A A * A B$ |
| Incremental Taxable Income |  |  | \$ | - | $A D=Y+Z-A C$ |
| Current Tax Rate (F1.12-Factor Tax Changes) | 16.5\% |  |  |  |  |
| PIL's Before Gross Up |  |  | \$ | - | $A F=A D * E$ |
| Incremental Grossed Up PIL's |  |  | \$ | - | $A G=A F I(1-A E)$ |



Purpose of this sheet:
This sheet calculates "Incremental Capital Rate Rider" based on Option A: Fixed Variable split.
The applicant may elect to enter the calculated rate riders as found under Columns K, L \& M onto Sheet "J2.5 Tax Change Rate Rider".
The applicant may alternatively elect to use Option B based on Volumetric allocation or calculate an alternative rate rider.
The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.


Ontario Energy Board
Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
This sheet calculates "Incremental Capital Rate Rider" based on Option B: Volumetric allocation.
The applicant may elect to enter the calculated rate riders as found under Columns F \& G onto Sheet "J2.5 Tax Change Rate Rider".
The applicant may alternatively elect to use Option A based on Fixed Variable split or calculate an alternative rate rider.
The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

| Rate Class | Fixed Metric | Vol Metric | Total Revenue \$ by Rate Class A | Total Revenue \% by Rate Class $B=A / \$ H$ | Total Incremental Capital \$ by Rate Class C = \$ * B | $\begin{gathered} \text { Billed kWh } \\ \text { D } \end{gathered}$ | $\begin{gathered} \text { Billed kW } \\ \text { E } \end{gathered}$ | Distribution Volumetric Rate kWh Rate Rider F = C / D | Distribution Volumetric Rate kW Rate Rider G = C/E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | Customer | kWh | \$809,545 | 60.37\% | \$0 | 33,090,578 | 0 | \$0.000000 |  |
| General Service Less Than 50 kW | Customer | kWh | \$338,896 | 25.27\% | \$0 | 14,771,227 | 0 | \$0.000000 |  |
| General Service 50 to 4,999 kW | Customer | kW | \$156,417 | 11.66\% | \$0 | 14,752,248 | 37,580 |  | \$0.000000 |
| Unmetered Scattered Load | Connection | kWh | \$2,760 | 0.21\% | \$0 | 125,709 | 0 | \$0.000000 |  |
| Sentinel Lighting | Connection | kW | \$697 | 0.05\% | \$0 | 27,890 | 77 |  | \$0.000000 |
| Street Lighting | Connection | kW | \$32,690 | 2.44\% | \$0 | 581,870 | 1,718 |  | \$0.000000 |
| Rate Class 7 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 8 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 9 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 10 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 11 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 12 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 13 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 14 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 15 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 16 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 17 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 18 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 19 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 20 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 21 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 22 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 23 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 24 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
| Rate Class 25 | NA | NA | \$0 | 0.00\% | \$0 | 0 | 0 |  |  |
|  |  |  | \$1,341,006 | 100.00\% | \$0 |  |  |  |  |

G4.3 Incr Cap RRider Opt B Vol

