LakelandPower 200 – 395 Centre St N, Huntsville, ON P1H 2M2 Phone (705) 789-5442 Toll Free 1-888-282-7711 Fax (705) 789-3110 service@lakelandpower.on.ca

January 4, 2010

VIA MAIL and E-MAIL

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

Dear Ms. Walli:

RE: Response to Board Interrogatories Lakeland Power Distribution Ltd. EB-2009-0234 2010 IRM3

Lakeland Power Distribution Ltd is submitting its responses to the Board Interrogatories for the 2010 Distribution Rates utilizing the 2010 IRM3 methodology and Board models as per the Filing Requirements for Transmission and Distribution Applications, dated July 22, 2009.

An electronic copy of the application (pdf, and models in excel) will be submitted through the OEB e-Filing services and two hard copies via courier. The application and the accompanying models will also be emailed to you in pdf format.

If you have any further questions, please do not hesitate to contact me.

Respectfully submitted,

Margantla

Margaret Maw CFO Lakeland Holding Ltd.

### Lakeland Power Distribution Ltd Responses to Board Staff Interrogatories

#### 2010 IRM3 Electricity Distribution Rates Lakeland Power Distribution Limited ("Lakeland" "LPDL") EB-2009-0234

### 1. Ref: 2010 IRM Deferral Variance Account 2006 EDR LV

In the 2006 EDR application Lakeland included \$655,386 in LV Allocation as a Rate Adder. In 2007 and 2008 the price cap adjustment (GDP-IPI – X) was 0.9% and 1.1% respectively. This would have increased the 2007 and 2008 LV Allocation to \$661,284 and \$668,559 respectively. In the 2010 IRM Deferral Variance Account Workform Lakeland has reported -\$8,026, -\$20,741 and \$11,828 for 2006, 2007 and 2008 additions for USoA 1550 LV Variance account.

|      | DVAWF   |        |   |   |  | 2006 E  | DR            |
|------|---|--------|---|---|--|---------|---------------|
|      | Transactions<br>(additions)<br>during 2006/7/8,<br>excluding<br>interest and<br>adjustments |        | Transactions<br>(reductions)<br>during<br>2006/7/8,<br>excluding<br>interest and<br>adjustments |   | 7-2 ALLOCATION<br>- LV-Wheeling<br>Cell L120 |         | (GDP-IPI) - X |
| 2006 | -\$   | 8,026  | \$  | - | \$   | 655,386 | 0.0%          |
| 2007 | -\$   | 20,741 | \$  | - | \$   | 661,284 | 0.9%          |
| 2008 | \$  | 11,828 | \$  | - | \$   | 668,559 | 1.1%          |

a) Please confirm that Lakeland has applied the 2006 EDR LV Allocation against Hydro One LV costs and that the balance shown in the Deferral Variance Account workform are net of the LV allocation and correct.

#### **Response:**

LPDL agrees that the amount included in the 2006 EDR application in LV allocation was a \$655,386 rate adder and the Price Cap adjustment for the 2007 IRM was .90%. However, the final 2008 IRM model for LPDL although the (GDP-IPI)-X adjustment was 1.1% as indicated, the Price Cap adjustment on Low Voltage charges was rather -.4% as shown in the extract below. This leads to the following amounts on a comparable consumption level:

| 2006 | \$655,386 | 0.0%   |
|------|-----------|--------|
| 2007 | \$661,284 | 0.9%   |
| 2008 | \$658,639 | (0.4)% |



2007 INCENTIVE RATE MECHANISM ADJUSTMENT Lakeland Power Distribution Ltd. EB-2007-0551, EB-2005-0388 January 26, 2007 Sheet 8 - Price Cap Adjustment to "Basic" Distribution Rates

| Note: No inputs are required for this worksheet. |   |  |    |   |   |
|--|---|--|----|---|---|
| Price Escalator (GDP-IPI)                        | Average annual<br>expected Productivity<br>Gain (X) | (GDP-IPI) - X  |    |   |   |
| 1.90%  | 1.00%   | 0.90%  | -  |   |   |
|  | Adjusted Monthly Service<br>Charge                  | Monthly Service Charge<br>with Price Cap<br>Adjustment |    | sted Volumetric<br>Rate<br>( <b>kW / kWh)</b> | Volumetric Rate<br>with Price Cap<br>Adjustment |
| Residential                                      | \$14.54   | \$14.67  | \$ | 0.0131  | \$0.0132  |
| General Service Less then<br>50 kW               | \$29.65   | \$29.92  | \$ | 0.0096  | \$0.0097  |
| General Service 50 to 4,999<br>kW                | \$496.79  | \$501.26   | \$ | 2.6376  | \$2.6613  |
| Unmetered Scattered Load                         | \$14.82   | \$14.95  | \$ | 0.0096  | \$0.0097  |
| Sentinel Lighting                                | \$1.25  | \$1.26   | \$ | 5.1100  | \$5.1560  |
| Street Lighting                                  | \$0.83  | \$0.84   | \$ | 3.4758  | \$3.5071  |



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Lakeland Power Distribution Ltd. EB-2007-0884, EB-2007-0551, EB-2005-0388 October 29, 2007 Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

| <u></u>                            |   |                               | _                     | /  |          |  |  |   |  |
|------------------------------------|---|-------------------------------|-----------------------|--|----------|--|--|---|--|
| Price Escalator (GDP-IPI)          | Average annual<br>expected Productivity<br>Gain (X)<br>1.0% |                               | (GDP-IPI) - X<br>1.1% |  | K-Factor |  | 2008 Fed Tax<br>Adjust Factor<br>-0.8% |   | Total Price Cap<br>Adjustment<br>-0.4% |
|                                    | Adjus   | ted Monthly Service<br>Charge | Мо                    | nthly Service Charge<br>with Price Cap<br>Adjustment | Ad       | justed Volumetric<br>Rate<br><b>(kW / kWh)</b> |  | Volumetric Rate<br>with Price Cap<br>Adjustment |  |
| Residential                        | \$  | 14.67                         | \$                    | 14.61  | \$       | 0.0132   | \$                                     | 0.0131  |  |
| General Service Less Than<br>50 kW | \$  | 29.92                         | \$                    | 29.80  | \$       | 0.0097   | \$                                     | 0.0097  |  |
| General Service 50 to 4,999<br>kW  | \$  | 501.26                        | \$                    | 499.25   | \$       | 2.6613   | \$                                     | 2.6507  |  |
| Unmetered Scattered Load           | \$  | 14.95                         | \$                    | 14.89  | \$       | 0.0097   | \$                                     | 0.0097  |  |
| Sentinel Lighting                  | \$  | 1.26                          | \$                    | 1.25   | \$       | 5.1560   | \$                                     | 5.1354  |  |
| Street Lighting                    | \$  | 0.84                          | \$                    | 0.84   | \$       | 3.5071   | \$                                     | 3.4931  |  |

|                    | Hydro One      | Actual Billed to | Difference    | %                      |
|--------------------|----------------|------------------|---------------|------------------------|
|                    | Charge         | Customers        | (1550)        | difference             |
| 2006 (May-<br>Dec) | \$411,957.06   | \$419,982.68     | \$ (8,025.62) | 1.9% higher<br>than H1 |
| 2007 (Jan-<br>Dec) | \$634,636.08   | \$655,376.80     | \$(20,740.72) | 3.3% higher<br>than H1 |
| 2008 (Jan-<br>Dec) | \$664,344.41   | \$652,517.46     | \$ 11,826.95  | 1.8% lower<br>than H1  |
| Total              | \$1,710,937.55 | \$1,727,876.94   | \$(16,939.39) | 1.0% higher<br>than H1 |

Hydro One rates increased on May 2007 by .5% and did not change on May 2008. LPDL confirms that it has applied the 2006 EDR LV Allocation against Hydro One LV costs and the balances were derived as net (see above for totals)

Additionally, LPDL received direction from the Board in its 2009 COS decision to dispose of account 1550 2007 year end balance of \$(30,930.68) which included a principal balance of \$(28,766.34) and an interest balance of \$(2,164.34).

If LV Allocation not applied or Account 1550 not correct please provide an explanation in respect to the accounting for the LV

#### Response: N/A

#### 2. Ref: 2010 IRM Deferral Variance Account 1588 - Power

The 2008 ending balances reported in the 2010 IRM Deferral Variance Account workform prepared by Lakeland shows the split for account 1588 – Power and Global Adjustment. On October 15, 2009 the Board issued "Regulatory Audit and Accounting Bulletin 200901" which clarified the accounting rules for reporting the 1558 – Global Adjustment sub-account.

|  | Account<br>Number | Total Claim              |
|--|-------------------|--------------------------|
| Account Description                          |                   | I = C + D+ E + F + G + H |
| RSVA - Power (Excluding Global Adjustment)   | 1588              | 523,174                  |
| RSVA - Power (Global Adjustment Sub-account) |                   | (50,129)                 |

a) Has Lakeland reviewed the Regulatory Audit & Accounting Bulletin 200901 dated October 15, 2009, and ensured that it has accounted for its account 1588 and sub-account Global Adjustment in accordance with this Bulletin?

#### **Response:**

- a. LPDL has reviewed the regulatory Audit & Accounting Bulletin 200901 dated October 15, 2009 and has ensured that it has accounted for account 1588 and the sub-account Global Adjustment in accordance with the bulletin
- b) Has Lakeland made adjustments subsequent to filing the 2010 IRM3 application and need to re-file an updated 2010 IRM Deferral Variance Account workform?

### Response:

b. LPDL has not made any subsequent adjustments to the filing of the 2010 IRM3 application and does not need to re-file an updated workform for this item.

#### 3. Ref: 2010 IRM Deferral Variance Account 1588 – Global Adjustment

On November 13, 2009 Board Staff prepared a submission in the Enersource EB-2009-0193 2010 IRM3 Application. The following is an excerpt from the submission in respect to Board staff concerns with the current proposal for handling the disposition of the USoA 1588 – Global Adjustment.

The EDDVAR Report as well as the Board's Decision in EB-2009-0113 adopted an allocation of the GA sub-account balance based on kWh for non RPP customers by rate class. Traditionally this allocation would then be combined with all other allocated variance account balances by rate class. The combined balance by rate class would then be divided by the volumetric billing determinants (kWh or kW) from the most recent audited year end or Board approved forecast, if available. This process hence spreads the recovery or refund of allocated account balances to all customers in the affected rate class.

This method was factored on two premises; a) that the recovery/refund of a variance unique to a subset of customers within a rate class would not be unfair to the rate class as a whole and b) that the distributors' billing systems would not be able to bill a subset of customers within a rate class, without placing a significant burden to the distributor.

For these reason the Board's original Deferral Variance Account workform was modelled on this basis. However based on Enersource's evidence, there could be material unfairness to RPP customers within the affected rate classes.

Therefore Board staff suggests that a separate rate rider be established to clear the GA sub-account balance to Non-RPP customers within rate classes.

What remains unclear to Board staff is whether Enersource's billing system could accommodate that change within a reasonable timeframe."

Board staff would like to poll Lakeland on the above issue.

a) Board staff is proposing that a separate disposition rate rider be applied prospectively to Non-RPP customers for 1588 – Global Adjustment. Does Lakeland agree that this proposal would be fair to all customers? Why or why not?

#### Response:

- LPDL believes that the variance in the 1588-GA account is directly related to a particular subset of customers and as such would be fair to attach a separate disposition rate rider to that subset, specifically, Non-RPP customers.
- b) If the Board were to order Lakeland to provide such a rate rider, would Lakeland's billing system be capable of billing non-RPP the separate rate rider? What complications, if any, would Lakeland see with this rate rider?

#### **Response:**

LPDL's billing system is capable of billing non-RPP customers the separate rate rider. The only complications that LPDL sees is applying the rate rider to customers joining the Non-RPP group subsequent to this rider being implemented such as new customers signing up with a retailer. If the rate rider is a credit, the misperception to the customer is that signing with a retailer had an additional benefit or vice versa, should the rider be a debit.

c) If Lakeland were to be unable to bill in this fashion what would Lakeland consider proposing in the alternative?

#### **Response:**

The billing system in place, while able to handle different customers that have a unique property/status to them will allow for different billing rates, customers moving into the class subsequent to the start of the new rates could not be separated in order to allow them to not have the rider applied.

### 4. Ref: 2010 IRM Deferral Variance Billing Determinants

Below are the billing determinants identified on Sheet "B1.3 Rate Class And Bill Det" of the workform.

|                                 | 2008            |                 |                |  |  |  |
|---------------------------------|-----------------|-----------------|----------------|--|--|--|
|                                 | Customers<br>or |                 |                |  |  |  |
| Rate Class                      | Connection<br>A | Billed kWh<br>B | Billed kW<br>C |  |  |  |
| Residential                     | 7,605           | 81,234,268      |                |  |  |  |
| General Service Less Than 50 kW | 1,543           | 44,415,850      |                |  |  |  |
| General Service 50 to 4,999 kW  | 100             | 90,658,716      | 226,544        |  |  |  |
| Unmetered Scattered Load        | 47              | 214,928         |                |  |  |  |
| Sentinel Lighting               | 45              | 38,404          | 111            |  |  |  |
| Street Lighting                 | 2,130           | 1,876,475       | 5,123          |  |  |  |

a) Please identify if these values are from the Lakeland 2009 Cost of Service Application or 2008 RRR reported values.

#### Response:

The values used for the billing determinants identified on Sheet "B1.3 Rate Class And Bill Det" of the workform are the 2008 RRR reported values

b) If the above are from the 2009 CoS application please provide reference to location in the application.

#### **Response:**

n/a

c) If the above are from the 2008 RRR reported values, please explain why Lakeland has not used the 2009 CoS values.

#### **Response:**

LPDL used the 2008 RRR reported values as it interpreted the filing instructions to be, use the last filed audited values. This would have been the 2008 RRR filing. In addition, LPDL does not have the information for the breakout for Billed kWh for Non-RPP customers in the 2009 forecasted billing determinants so it assumed that the more accurate data (2008 actuals) in both instances would be the appropriate determinants to use. In order to use the relationship between total billed kWh and billed Non-RPP kWh, actuals are needed to be used in both.

#### 5. Ref: 2010 IRM Deferral Variance Billing Determinants

Below are the Billed kWh for Non-RPP customers identified on Sheet "B1.3 Rate Class And Bill Det" of the workform.

| Rate Class                      | Billed kWh for Non-RPP<br>customers<br>D |
|---------------------------------|--|
| Residential                     | 9,001,961                                |
| General Service Less Than 50 kW | 7,849,630                                |
| General Service 50 to 4,999 kW  | 90,658,716                               |
| Unmetered Scattered Load        | 6,773                                    |
| Sentinel Lighting               | 1,821                                    |
| Street Lighting                 | 413,939                                  |

a) Please identify if these values estimated values or actual values and specify the applicable period.

#### **Response:**

The values identified on Sheet "B1.3 rate Class and Bill Det" of the workform for Billed kWh for Non-RPP customers are actual 2008 values and cover the period Jan-Dec, 2008

b) If the above values are estimated please explain why Lakeland is unable to determine actual.

#### Response:

N/A

c) As discussed in question 12 above Board staff have proposed a non-RPP customer rate rider for disposition of the 1588 – Global adjustment. If accepted would Lakeland support using the numbers above as the most reasonable denominator to be used for rate determination.

### **Response:**

If a rate rider specifically for the Non-RPP customers was determined to be acceptable, the values identified in the table above would be the most reasonable provided the numbers used for all other deferral variance rate riders are also 2008 actuals d) If Lakeland were to establish a separate rate rider to dispose of the balance of the 1588 – Global adjustment sub-account, does NPEI believe that the rider be applied to customers in the MUSH sector? If not, would NPEI have the billing capability to exclude customers in the MUSH sector if a separate rate rider were to apply for the disposition of the 1588 – Global adjustment sub-account?

#### Response:

The MUSH sector customers that chose to sign with a retailer did so knowing that they would be responsible for their portion of the Global adjustment/Provincial benefit. LPDL does not believe they should be treated any differently than other customers in the same grouping.

#### Ref: 2010 IRM Deferral Variance Total Claim

Below are the Total Claim values for the EDDVAR Group One Deferral Accounts.

### **Regulatory Assets - Continuity Schedule Final**

|   | Account<br>Number | Total Claim              |
|---|-------------------|--------------------------|
| Account Description                                     |                   | I = C + D+ E + F + G + H |
| LV Variance Account                                     | 1550              | 10,870                   |
| RSVA - Wholesale Market Service Charge                  | 1580              | (130,788)                |
| RSVA - Retail Transmission Network Charge               | 1584              | (232,102)                |
| RSVA - Retail Transmission Connection Charge            | 1586              | (273,524)                |
| RSVA - Power (Excluding Global Adjustment)              | 1588              | 523,174                  |
| RSVA - Power (Global Adjustment Sub-account)            |                   | (50,129)                 |
| Recovery of Regulatory Asset Balances                   | 1590              | 22,274                   |
| Disposition and recovery of Regulatory Balances Account | 1595              | 0                        |
|   |                   | Ŭ                        |
| Tota  | al                | (130,225)                |

a) Please complete the amended Deferral Variance Account Workform V4 as found on the Board's website under the 2010 Electricity Distribution Rates update December 7, 2009. Note that Board staff can assist in converting your most recent model (either the one filed with your application or a more recent version if available). Please contact your case manager to assist you if need be.

### Response:

LPDL has completed the most recent version of the Deferral Variance Account Workform (v4) and has attached it as an appendix (A) to the submission. A summary of the adjusted claim is below. The difference of \$2,711 is due to an interest calculation change in the amount for interest calculated on the 2007 balance for the 2009 year (Jan-April).

| Account Description       | Account Number | Total Claim |
|---------------------------|----------------|-------------|
| LV Variance Account       | 1550           | 12,139      |
| RSVA-WMS charge           | 1580           | (122,877)   |
| RSVA-Network charge       | 1584           | (210,079)   |
| RSVA-Transmission         | 1586           | (249,955)   |
| RSVA-Power (no GA)        | 1588           | 483,073     |
| RSVA-Power (GA)           | 1588           | (62,490)    |
| Recovery of Reg Assets    | 1590           | 22,274      |
| Disposition of Reg Assets | 1595           | 0           |
| Total                     |                | (127,514)   |

b) Please reconcile final balance for disposition to the 2008 year end account balance reported in the RRR filing. Please identify source and reason for variances.

#### **Response:**

N/A - no reconciliation required

c) Please confirm that Lakeland has complied with and applied correctly the Boards accounting policy and procedures for calculation of the final disposition balance. If Lakeland has used other practices in the calculation please explain where in the filing and why?

#### Response:

LPDL believes that it has complied with and applied correctly the Board's accounting policy and procedures for calculation of the final disposition balance.

d) Please confirm that Lakeland has used the simple interest calculation as required by the Board using the Boards prescribed interest rates. If Lakeland has used other calculations please explain where in the filing and why?

#### Response:

LPDL confirms it has used the simple interest calculation using the Board's prescribed interest rates

e) Please confirm that Lakeland has complied with the requirement to apply recoveries to principal first as outlined in the 2006 Regulatory Assets Transactions document issued September 4, 2009 (included in the Updated IRM Deferral and Variance Account Work Form zip file). If Lakeland has not complied with this requirement please explain why not?

#### Response:

LPDL confirms that recoveries have been applied to the principal first which is reflected in the continuity schedules of the Deferral and Variance Account Workform.

#### 6. Ref. 2010 Supplemental Filing Module

On Sheet "B1.2 Removal of Rate Adders" Lakeland has entered the following adjustments to the 2009 Tariff Rates

| Rate Class                      | Service Charge<br>Rate Adders<br>D | Distribution<br>Volumetric kWh<br>Rate Adders<br>E | Distribution<br>Volumetric kW<br>Rate Adders<br>F |
|---------------------------------|------------------------------------|--|---|
| Residential                     | 1.27                               | 0.0035   | 0.0000  |
| General Service Less Than 50 kW | 2.45                               | 0.0025   | 0.0000  |
| General Service 50 to 4,999 kW  | 4.16                               | 0.0000   | 0.8350  |
| Unmetered Scattered Load        | 0.60                               | 0.0028   | 0.0000  |
| Sentinel Lighting               | 0.47                               | 0.0000   | 2.6366  |
| Street Lighting                 | 0.52                               | 0.0000   | 2.5378  |

a) Please explain where these rate adders are found in your 2009 Cost of Service application.

#### **Response:**

Rate adders in 2009 Cost of service Application and on Tariff sheet

|                    | Smart<br>Meters –<br>SC | Forgone<br>Revenue -<br>SC | Forgone<br>Revenue –<br>Volumetric | Deferral<br>Account<br>Rate Rider –<br>Volumetric | Low Voltage<br>– Volumetric |
|--------------------|-------------------------|----------------------------|------------------------------------|---|-----------------------------|
| Residential        | 1.00                    | .27                        | .0006                              | .0005   | .0024                       |
| GS <50kW           | 1.00                    | 1.45                       | .0001                              | .0003   | .0021                       |
| GS >50kW           | 1.00                    | 3.16                       | (0.0645)                           | .0602   | .8393                       |
| USL                |                         | .60                        | .0001                              | .0006   | .0021                       |
| Sentinel           |                         | .47                        | 1.6184                             | .3558   | .6624                       |
| Street<br>Lighting |                         | .52                        | 1.5503                             | .3387   | .6488                       |

 b) Please explain why these rate adders do not match the rate adders (primarily smart meter and low voltage) found in Lakelands 2010 Rate Generator.

#### Response:

### N/a – rate adders match – table below from data provided with Draft Rate order – Appendix C\_DRO\_Lakeland\_20090601

Lakeland Power Distribution Ltd ED-2002-0540 2009 Rate Application EB-2008-0234 Rate Schedule - 2009 Test Year Rates

| FOR 2009 TEST YEAR       | 2009 T     | est Year Cor | e Distributio | n Rates  | Low \    | /oltage  | 2009 Test  | Year Distribution | on Rates Before | SM Adder | 2009 Total Customer Rate  |                             |  |
|--------------------------|------------|--------------|---------------|----------|----------|----------|------------|-------------------|-----------------|----------|---|-----------------------------|--|
| Customer Class           | Connection | Customer     | kW            | kWh      | kW       | kWh      | Connection | Customer          | kW              | kWh      | Smart<br>Meter Rate<br>Rider (\$)<br>per<br>Metered<br>Cust /Mont | including<br>Smart<br>Meter |  |
| Residential              |            | \$15.2100    |               | \$0.0138 |          | \$0.0024 |            | \$15.2100         |                 | \$0.0161 | \$1.0000  | \$16.2100                   |  |
| GS <50 kW                |            | \$36.3100    |               | \$0.0083 |          | \$0.0021 |            | \$36.3100         |                 | \$0.0104 | \$1.0000  | \$37.3100                   |  |
| GS>=50 kW                |            | \$514.3200   | \$1.4891      |          | \$0.8393 |          |            | \$514.3200        | \$2.3284        |          | \$1.0000  | \$515.3200                  |  |
| Street Light             | \$3.4600   |              | \$10.5958     |          | \$0.6488 |          | \$3.4600   |                   | \$11.2446       |          |   |                             |  |
| Sentinel                 | \$3.6200   |              | \$12.5649     |          | \$0.6624 |          | \$3.6200   |                   | \$13.2273       |          |   |                             |  |
| Unmetered Scattered Load | \$17.9100  |              |               | \$0.0081 |          | \$0.0021 | \$17.9100  |                   |                 | \$0.0102 |   |                             |  |
|                          |            |              |               |          |          |          |            |                   |                 |          |   |                             |  |
| Transformer Discount     |            |              | (\$0.6000)    |          |          |          |            |                   | (\$0.6000)      |          |   |                             |  |

#### 7. Ref: Manager's Summary Page 6 Smart Meter Rate Adder.

Lakeland has applied for an increased Smart Meter Rate Adder from \$1.00 to \$2.00 per metered customer per month.

a) Please explain how the value of \$2.00 was derived and provide calculation model to support this calculation.

#### Response:

LPDL requested an increase to the Smart Meter Rate Adder from \$1.00 to \$2.00 based on the capital investment it made in 2009 to install Smart Meters for its residential and GS<50 kW customers. LPDL felt that \$1.00 per month per meter was inadequately low, recovering approximately \$110,000 per year while implementation costs would exceed \$1.5M in 2009. The requested amount of \$2.00 is an estimate of the 50% incremental change based on an expected eventual cost of \$4.00 per month per meter. LPDL submits that at the time, it intended on filing a complete Smart Meter recovery application at 100% completion, after final enrolment with the MDMR is complete and all costs are known (likely end of 2010, early 2011)

b) If a calculation model was not used, please complete the smart meter calculation model that can be provided to you through your applications case manager.

#### Response:

LPDL has updated the workform for Smart Meter Capital Cost and Operational Expense data with the information known at this point in time (December 2009) (Appendix B). Based on this calculation, the table below summarizes the requirement for an increase in the Smart Meter Funding Adder to \$2 per month per metered customer. LPDL has allocated the net revenue requirement over a recovery period of 36 to coincide with its next Cost of Service application.

#### Summary of Smart Meter Revenue Requirement and Smart Meter Funding Adder

| Revenue Requirement for Smart Meters Installed     |             |
|--|-------------|
| 2007 Rate Year Entitlement                         | \$ 1,887    |
| 2008 Rate Year Entitlement                         | \$ 14,545   |
| 2009 Rate Year Entitlement                         | \$ 223,944  |
| 2010 Rate Year Entitlement                         | \$ 599,432  |
|  | \$ 839,808  |
| Smart Meter Funding Adder Collected in Rates       |             |
| 2006 Rate Year Collected - May 1/06 to April 30/07 | -\$ 24,815  |
| 2007 Rate Year Collected - May 1/07 to April 30/08 | -\$ 27,204  |
| 2008 Rate Year Collected - May 1/08 to April 30/09 | -\$ 27,694  |
| 2009 Rate Year Collected - May 1/09 to April 30/10 | -\$ 102,912 |
|  | -\$ 182,624 |
| Revenue Requirement for Recovery                   | \$ 657,184  |
| Number of Metered Customers (per 2010 Forecast)    | 9,351       |
| Number of Months (May 1/10 to April 30/13)         | 36          |
| Funding Adder per Metered Customer per month       | \$ 1.95     |

#### **HST Interrogatory**

#### 1. Harmonized Sales Tax

It is possible that the PST and GST may be harmonized effective July 1, 2010. Unlike the GST, the PST is included as an OM&A expense and is also included in capital expenditures. If the GST and PST are harmonized, corporations would see a reduction in OM&A expenses and capital expenditures.

In the event that PST and GST are harmonized effective July 1, 2010:

a. Would Lakeland agree to capture in a variance account the reductions in OM&A and capital expenditures?

#### **Response:**

LPDL does not agree to capture the alleged reduction in OM&A and Capital in a variance account. LPDL feels there is much more discussion required around the impact of the introduction of the HST on July 1, 2010. This change is just one of the many changes experienced by LDCs on a regular basis. Many expenses have seen double digit increases as well as increased costs from the GEGEA that are not reflected in the rates. Other issues include:

- deriving the information from accounting systems (increase cost to track yet another variance account),

- 2010 will only represent a half year,
- PILs effect will need to be taken into consideration
- over 50% of current expenses do not currently have PST included
- suppliers may not adjust final prices to reflect PST savings in effect, increasing price with no savings to end user
- b. Are there other alternatives that the Board might consider to reflect the reductions in OM&A and capital expenditures if this bill is enacted?

#### **Response:**

LPDL is not aware of alternatives to reflect reductions in OM&A and Capital expenditures as a result of the implementation of the HST.

# **APPENDIX A**

# DEFERRAL VARIANCE WORKFORM V4



Name of LDC: File Number: Effective Date:

Lakeland Power Distribution Limited EB-2009-0234 May 1, 2010

## **LDC Information**

| Applicant Name                    | Lakeland Power Distribution Limited |
|-----------------------------------|-------------------------------------|
| <b>OEB Application Number</b>     | EB-2009-0234                        |
| LDC Licence Number                | ED-2002-0540                        |
| <b>Applied for Effective Date</b> | May 1, 2010                         |

A1.1 LDC Information



#### **Table of Contents**

| Sheet Name                      | Purpose of Sheet   |
|---------------------------------|--|
| A1.1 LDC Information            | Enter LDC Data   |
| A2.1 Table of Contents          | Table of Contents  |
| B1.1 2006 Reg Assets            | 2006 Regulatory Asset Recovery   |
| 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                           |
| C1.2 Reg Assets - Cont Sch 2006 | Regulatory Assets - Continuity Schedule 2006                           |
| C1.3 Reg Assets - Cont Sch 2007 | Regulatory Assets - Continuity Schedule 2007                           |
| C1.4 Reg Assets - Cont Sch 2008 | Regulatory Assets - Continuity Schedule 2008                           |
| C1.4a RegAssets - Cont Sch 2009 | Regulatory Assets - Continuity Schedule 2009 - 1588 Power Account Only |
| C1.5 Reg Assets - Con Sch Final | Regulatory Assets - Continuity Schedule Final                          |
| D1.1 Threshold Test             | Threshold Test   |
| E1.1 Cost Allocation kWh        | Cost Allocation - kWh  |
| E1.2 Cost Allocation Non-RPPkWh | Cost Allocation - Non-RPP kWh  |
| 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:
 Lakeland Power Distribution Limited

 File Number:
 EB-2009-0234

 Effective Date:
 May 1, 2010

#### 2006 Regulatory Asset Recovery

| Account Description                          | Account Number             | Principal Amounts<br>as of Dec-31 2004<br>A | Hydro One charges (if<br>applicable) to Dec31-03<br>B | Hydro One charges (if applicable)<br>Jan 1-04 to Apr 30-06<br>C | Transition Cost<br>Adjustment<br>D | Principal Amounts<br>E = A + B + C + D | Interest to Dec31-<br>04<br>F | Interest per 2006<br>Reg Assets<br>G = H - F - E | Total Claim and Recoveries<br>per 2006 Reg Assets<br>H | Transfer of Board-approved<br>amounts to 1590 as per 2006 EDR<br>I = - E | Transfer of Board-approved<br>Interest to 1590 as per 2006 EDR<br>J = - ( F + G ) |
|--|----------------------------|---|---|---|------------------------------------|--|-------------------------------|--|--|--|---|
|  |                            |   |   |   | 1. Dec. 31, 2004 Reg.              | Assets                                 |                               |  |  |  |   |
|  |                            | Column G                                    | Column K  | Column M  |                                    |  | Column H                      |  | Column N   |  |   |
| RSVA - Wholesale Market Service Charge       | 1580                       | 182,054                                     |   | 5,002   |                                    | 187,056                                | 30,618                        | 17,599   | 235,273  | (187,056)  | (48,217)  |
| RSVA - One-time Wholesale Market Service     | 1582                       | 33,260                                      |   | 10,295  |                                    | 43,555                                 | 2,465                         | 3,215  | 49,235   | (43,555)   | (5,680)   |
| RSVA - Retail Transmission Network Charge    | 1584                       | (201,735)                                   | (52,285)  | (67,320)  |                                    | (321,340)                              | (9,634)                       | (23,607)   | (354,581)  | 321,340  | 33,241  |
| RSVA - Retail Transmission Connection Charge | 1586                       | 24,349                                      | 941,193   | 1,114,981   |                                    | 2,080,523                              | 18,155                        | 76,276   | 2,174,954  | (2,080,523)  | (94,431)  |
| RSVA - Power                                 | 1588                       | 97,694                                      |   |   |                                    | 97,694                                 | (7,831)                       | 9,444  | 99,307   | (97,694)   | (1,613)   |
| Sub-Totals                                   |                            | 135,622                                     | 888,908   | 1,062,958   |                                    | 2,087,488                              | 33,773                        | 82,927   | 2,204,188  | (2,087,488)  | (116,700 )  |
| Other Regulatory Assets                      | 1508                       | 17,267                                      |   | 62,950  |                                    | 80,217                                 | 207                           | 1,324  | 81,748   | (80,217)   | (1,531)   |
| Retail Cost Variance Account - Retail        | 1518                       | (30,304)                                    |   |   |                                    | (30,304)                               | (2,638)                       | (2,929)  | (35,871)   | 30,304   | 5,567   |
| Retail Cost Variance Account - STR           | 1548                       | 81,338                                      |   |   |                                    | 81,338                                 | 7,524                         | 7,863  | 96,725   | (81,338)   | (15,387)  |
| Misc. Deferred Debits - incl. Rebate Cheques | 1525                       | 13,567                                      | 33,305  |   |                                    | 46,872                                 | 1,901                         | 3,927  | 52,700   | (46,872)   | (5,828)   |
| Pre-Market Opening Energy Variances Total    | 1571                       | 841,109                                     |   |   |                                    | 841,109                                | 156,895                       | 81,308   | 1,079,312  | (841,109)  | (238,203)   |
| Extra-Ordinary Event Losses                  | 1572                       |   |   |   |                                    | 0                                      |                               | 0  |  | 0  | 0   |
| Deferred Rate Impact Amounts                 | 1574                       |   |   |   |                                    | 0                                      |                               | 0  |  | 0  | 0   |
| Other Deferred Credits                       | 2425                       |   |   |   |                                    | 0                                      |                               | 0  |  | 0  | 0   |
| Sub-Totals                                   |                            | 922,977                                     | 33,305  | 62,950  |                                    | 1,019,232                              | 163,889                       | 91,493   | 1,274,614  | (1,019,232)  | (255,382)   |
| Qualifying Transition Costs                  | 1570                       | 409,694                                     | 55  |   |                                    | 409,749                                | 76,539                        | 39,604   | 525,892  | (409,749)  | (116,143)   |
| Transition Cost Adjustment                   | 1570                       |   |   |   | (52,590)                           | (52,590)                               |                               |  | (52,590)   | 52,590   | 0   |
| Sub-Totals                                   |                            | 409,694                                     | 55  |   |                                    | 357,159                                | 76,539                        | 39,604   | 473,302  | (357,159)  | (116,143 )  |
| Total Regulatory Assets                      |                            | 1,468,293                                   | 922,268   | 1,125,908   | (52,590)                           | 3,463,879                              | 274,201                       | 214,024  | 3,952,104  | (3,463,879)  | (488,225)   |
|  |                            |   |   |   |                                    |  |                               |  |  |  |   |
| Total Recoveries to April 30-06              | 2. Rate Riders Calculation | Cell C48                                    |   |   |                                    |  |                               |  | 1,258,959  | (1,258,959 )   | 0   |
| Balance to be collected or refunded          | 2. Rate Riders Calculation | Cell N51                                    |   |   |                                    |  |                               |  | 2,693,145  | (2,204,920 )   | (488,225 )  |
|  |                            |   |   |   |                                    |  |                               |  |  |  |   |



### 2006 Regulatory Asset Recovery Proportionate Share

| Rate Class           | Total Claim | % Total Claim |
|----------------------|-------------|---------------|
| Residential          | 1,270,119   | 47.2%         |
| GS < 50 KW           | 551,613     | 20.5%         |
| GS > 50 Non TOU      | 852,106     | 31.6%         |
| GS > 50 TOU          |             | 0.0%          |
| Intermediate         |             | 0.0%          |
| Large Users          |             | 0.0%          |
| Small Scattered Load | 7,737       | 0.3%          |
| Sentinel Lighting    | 218         | 0.0%          |
| Street Lighting      | 11,351      | 0.4%          |
| Total                | 2,693,144   | 100.0%        |

2. Rate Riders Calculation Row 29



### **Rate Class and 2008 Billing Determinants**

| Rate Group | Rate Class                      | Fixed Metric | Vol Metric | Billed Customers<br>or Connections<br>A | Billed kWh<br>B | Billed kW<br>C | Billed kWh for Non-<br>RPP customers<br>D | 1590 Recovery<br>Share Proportion 1<br>E | 1595 Recovery<br>Share Proportion 1<br>F |
|------------|---------------------------------|--------------|------------|---|-----------------|----------------|---|--|--|
| RES        | Residential                     | Customer     | kWh        | 7,605                                   | 81,234,268      |                | 9,001,961                                 | 47.2%                                    |  |
| GSLT50     | General Service Less Than 50 kW | Customer     | kWh        | 1,543                                   | 44,415,850      |                | 7,849,630                                 | 20.5%                                    |  |
| GSGT50     | General Service 50 to 4,999 kW  | Customer     | kW         | 100                                     | 90,658,716      | 226,544        | 90,658,716                                | 31.6%                                    |  |
| USL        | Unmetered Scattered Load        | Connection   | kWh        | 47                                      | 214,928         |                | 6,773                                     | 0.3%                                     |  |
| Sen        | Sentinel Lighting               | Connection   | kW         | 45                                      | 38,404          | 111            | 1,821                                     | 0.0%                                     |  |
| SL         | Street Lighting                 | Connection   | kW         | 2,130                                   | 1,876,475       | 5,123          | 413,939                                   | 0.4%                                     |  |
| 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:
 Lakeland Power Distribution Limited

 File Number:
 EB-2009-0234

 Effective Date:
 May 1, 2010

#### Regulatory Assets - Continuity Schedule 2006

|   | Account<br>Number | Opening Principal<br>Amounts as of Jan-1-<br>05 1 | Low Voltage and<br>Recoveries per<br>2006 Reg Asset | Transition Cost<br>Adjustment | Transfer of Board-<br>approved amounts to<br>1590 as per 2006 EDR | Closing Principal<br>Balance as of May-1-<br>06 | Opening Interest<br>Amounts as of Jan-1-<br>05 4 | Interest per 2006<br>Reg Asset | Recoveries per<br>2006 Reg Asset | Transfer of Board-<br>approved amounts to<br>1590 as per 2006 EDR | Closing Interest<br>Amounts as of May-<br>1-06 |
|---|-------------------|---|---|-------------------------------|---|---|--|--------------------------------|----------------------------------|---|--|
| Account Description                                     |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| LV Variance Account                                     | 1550              |   |   |                               |   |   |  |                                |                                  |   | 0  |
| RSVA - Wholesale Market Service Charge                  | 1580              | 182,054   | 5,002   |                               | (187,056)   | 0   | 30,618   | 17,599                         |                                  | (48,217)  | 0  |
| RSVA - Retail Transmission Network Charge               | 1584              | (201,735)   | (119,605)   |                               | 321,340   | 0   | (9,634)  | (23,607)                       |                                  | 33,241  | 0  |
| RSVA - Retail Transmission Connection Charge            | 1586              | 24,349  | 2,056,174   |                               | (2,080,523)   | 0   | 18,155   | 76,276                         |                                  | (94,431)  | 0  |
| -   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| RSVA - Power (Excluding Global Adjustment)              | 1588              | 97,694  |   |                               | (97,694)  | 0   | (7,831)  | 9,444                          |                                  | (1,613)   | 0  |
| RSVA - Power (Global Adjustment Sub-account)            |                   |   |   |                               |   | 0   |  |                                |                                  |   | 0  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| Recovery of Regulatory Asset Balances                   | 1590              |   | (1,258,959)   |                               | 3,463,879   | 2,204,920                                       |  |                                | 0                                | 488,225   | 488,225  |
| Disposition and recovery of Regulatory Balances Account | 1595              |   |   |                               |   | 0   |  |                                |                                  |   | 0  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| Sut   | b-Total           | 102,362   | 682,612   |                               | 1,419,946   | 2,204,920                                       | 31,308   | 79,712                         | 0                                | 377,205   | 488,225  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| RSVA - One-time Wholesale Market Service                | 1582              | 33,260  | 10,295  |                               | (43,555)  | 0   | 2,465  | 3,215                          |                                  | (5,680)   | 0  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| Other Regulatory Assets                                 | 1508              | 17,267  | 62,950  |                               | (80,217)  | 0   | 207  | 1,324                          |                                  | (1,531)   | 0  |
| Retail Cost Variance Account - Retail                   | 1518              | (30,304)  | 0   |                               | 30,304  | 0   | (2,638)  | (2,929)                        |                                  | 5,567   | 0  |
| Retail Cost Variance Account - STR                      | 1548              | 81,338  | 0   |                               | (81,338)  | 0   | 7,524  | 7,863                          |                                  | (15,387)  | 0  |
| Misc. Deferred Debits - incl. Rebate Cheques            | 1525              | 13,567  | 33,305  |                               | (46,872)  | 0   | 1,901  | 3,927                          |                                  | (5,828)   | 0  |
| Pre-Market Opening Energy Variances Total               | 1571              | 841,109   | 0   |                               | (841,109)   | 0   | 156,895  | 81,308                         |                                  | (238,203)   | 0  |
| Extra-Ordinary Event Losses                             | 1572              | 0   | 0   |                               | 0   | 0   | 0  | 0                              |                                  | 0   | 0  |
| Deferred Rate Impact Amounts                            | 1574              | 0   | 0   |                               | 0   | 0   | 0  | 0                              |                                  | 0   | 0  |
| Other Deferred Credits                                  | 2425              | 0   | 0   |                               | 0   | 0   | 0  | 0                              |                                  | 0   | 0  |
| Qualifying Transition Costs                             | 1570              | 409,694   | 55  |                               | (409,749)   | 0   | 76,539   | 39,604                         |                                  | (116,143)   | 0  |
| Transition Cost Adjustment                              | 1570              |   |   | (52,590)                      | 52,590  | 0   |  |                                |                                  |   | 0  |
|   |                   |   |   |                               |   |   |  |                                |                                  |   |  |
| Tot   | al                | 1,468,293   | 789,217   | (52,590)                      | 0   | 2,204,920                                       | 274,201  | 214,024                        | 0                                | 0   | 488,225  |



 Name of LDC:
 Lakeland Power Distribution Limited

 File Number:
 EB-2009-0234

 Effective Date:
 May 1, 2010

#### Regulatory Assets - Continuity Schedule 2005

| Account Description                                     | Account<br>Number | Opening Principal<br>Amounts as of Jan-1-<br>05 <sup>4</sup> | Transactions<br>(additions) during<br>2005, excluding<br>interest and<br>adjustments <sup>1</sup> | Transactions<br>(reductions) during<br>2005, excluding<br>interest and<br>adjustments <sup>1</sup> | Adjustments during<br>2005 - instructed by<br>Board <sup>2</sup> | Adjustments during<br>2005 - other <sup>3</sup> | Closing Principal<br>Balance as of Dec-<br>31-05 | Opening Interest<br>Amounts as of Jan-1-<br>05 <sup>4</sup> | Interest Recovery<br>Transactions<br>during 2005 | Interest Jan-1 to<br>Dec31-05 | Closing Interest<br>Amounts as of Dec-<br>31-05 | Total Closing<br>Amounts as of Dec-<br>31-05<br>A | RRR Filing Amount<br>as of Dec-31-05<br>B | Difference<br>C = A - B |
|---|-------------------|--|---|--|--|---|--|---|--|-------------------------------|---|---|---|-------------------------|
|   | 1550              |  |   |  |  |   |  |   |  |                               |   |   |   |                         |
| LV Variance Account                                     | 1550              |  |   |  |  |   | 0  |   |  |                               | 0   | 0   |   | 0                       |
| RSVA - Wholesale Market Service Charge                  | 1580              |  | 53,859  |  |  |   | 53,859   |   |  |                               | 0   | 53,859  | 285,663                                   | (231,804)               |
| RSVA - Retail Transmission Network Charge               | 1584              |  | 14,636  |  |  | (52,285)  | (37,649)   |   |  | 2,891                         | 2,891   | (34,758)  | (389,340)                                 | 354,582                 |
| RSVA - Retail Transmission Connection Charge            | 1586              |  | (1,210,713)   |  |  | 941,193   | (269,520)  |   |  | 199,550                       | 199,550   | (69,970)  | 2,104,985                                 | (2,174,955)             |
|   |                   |  |   |  |  |   |  |   |  |                               |   |   |   |                         |
| RSVA - Power (Excluding Global Adjustment)              | 1588              |  | 678,583   |  |  |   | 678,583  |   |  | 19,546                        | 19,546  | 698,129   | 797,435                                   | (99,306)                |
| RSVA - Power (Global Adjustment Sub-account)            |                   |  | (317,482)   |  |  |   | (317,482)  |   |  | 3,707                         | 3,707   | (313,775)   | (313,775)                                 | (0)                     |
|   |                   |  |   |  |  |   |  |   |  |                               |   |   |   |                         |
| Recovery of Regulatory Asset Balances                   | 1590              |  |   |  |  |   | 0  |   |  | (50,221)                      | (50,221)  | (50,221)  | (980,744)                                 | 930,523                 |
| Disposition and recovery of Regulatory Balances Account | 1595              |  |   |  |  |   | 0  |   |  |                               | 0   | 0   |   |                         |
|   |                   |  |   |  |  |   |  |   |  |                               |   |   |   |                         |
| Tota  | 1                 | 0  | (781,117)   | 0  | 0  | 888,908   | 107,791  | 0   | 0  | 175,473                       | 175,473   | 283,264   | 1,504,224                                 | (1,220,960)             |

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

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

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

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

#### Regulatory Assets - Continuity Schedule 2006

| Account Description                                     | Account<br>Number | Opening Principal<br>Amounts as of Jan-1-<br>06 | Transactions<br>(additions) during<br>2006, excluding<br>interest and<br>adjustments 1 | Transactions<br>(reductions) during<br>2006, excluding<br>interest and<br>adjustments 1 | Adjustments during<br>2006 - instructed by<br>Board 2 | Adjustments during<br>2006 - other 3 | Transfer of Board-<br>approved amounts<br>to 1590 as per 2006<br>EDR | Closing Principal<br>Balance as of Dec-<br>31-06 | Opening Interest<br>Amounts as of Jan-1·<br>06 | Interest Recovery<br>Transactions<br>during 2006 | Interest<br>Adjustment<br>2005/2006 | Interest Jan-1 to<br>Dec31-06 | Transfer of Board-<br>approved amounts<br>to 1590 as per 2006<br>EDR | Closing Interest<br>Amounts as of Dec-<br>31-06 |
|---|-------------------|---|--|---|---|--------------------------------------|--|--|--|--|-------------------------------------|-------------------------------|--|---|
| LV Variance Account                                     | 1550              | 0   | (8,026)  |   |   |                                      |  | (8,026)  | 0  |  |                                     | (91)                          |  | (91 )   |
| RSVA - Wholesale Market Service Charge                  | 1580              | 53,859  | (146,058)  |   | 5,002   |                                      |  | (87,197)   | 0  |  |                                     | 1,260                         |  | 1,260   |
| RSVA - Retail Transmission Network Charge               | 1584              | (37,649)  | (224,510)  |   | (67,320)  |                                      |  | (329,479)  | 2,891  |  |                                     | (15,766)                      |  | (12,875)  |
| RSVA - Retail Transmission Connection Charge            | 1586              | (269,520)                                       | (1,196,268)  |   | 1,114,981   |                                      |  | (350,807)  | 199,550  |  |                                     | (213,915)                     |  | (14,365)  |
|   |                   |   |  |   |   |                                      |  |  |  |  |                                     |                               |  |   |
| RSVA - Power (Excluding Global Adjustment)              | 1588              | 678,583   | (165,602)  |   |   |                                      |  | 512,981  | 19,546   |  |                                     | 56,253                        |  | 75,799  |
| RSVA - Power (Global Adjustment Sub-account)            |                   | (317,482)                                       | 606,059  |   |   |                                      |  | 288,577  | 3,707  |  |                                     | (10,601)                      |  | (6,894)   |
|   |                   |   |  |   |   |                                      |  |  |  |  |                                     |                               |  |   |
| Recovery of Regulatory Asset Balances                   | 1590              | 0   | (672,044)  |   |   |                                      | 2,204,920  | 1,532,876  | (50,221)                                       |  |                                     | 17,382                        | 488,225  | 455,386   |
| Disposition and recovery of Regulatory Balances Account | 1595              | 0   |  |   |   |                                      |  | 0  | 0  |  |                                     |                               |  | 0   |
|   |                   |   |  |   |   |                                      |  |  |  |  |                                     |                               |  |   |
| Tot   | al                | 107,791   | (1,806,449)  | 0   | 1,052,663   | 0                                    | 2,204,920  | 1,558,925  | 175,473  | 0  | 0                                   |                               | 488,225  | 498,220   |

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

<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to



 Name of LDC:
 Lakeland Power Distribution Limited

 File Number:
 EB-2009-0234

 Effective Date:
 May 1, 2010

#### Regulatory Assets - Continuity Schedule 2007

| Account Description                                     |      | Amounts as of Jan-1. | Transactions<br>(additions) during<br>2007, excluding<br>interest and<br>adjustments 1 | Transactions<br>(reductions) during<br>2007, excluding<br>interest and<br>adjustments 1 | Adjustments during<br>2007 - instructed by<br>Board 2 | Adjustments during<br>2007 - other 3 | Closing Principal<br>Balance as of Dec-<br>31-07 | Opening Interest<br>Amounts as of Jan-1-<br>07 | Interest Recovery<br>Transactions<br>during 2007 | Interest Jan-1 to<br>Dec31-07 | Closing Interest<br>Amounts as of Dec-<br>31-07 | Total Closing<br>Amounts as of Dec-<br>31-07<br>A | RRR Filing Amount<br>as of Dec-31-07<br>B | Difference<br>C = A - B |
|---|------|----------------------|--|---|---|--------------------------------------|--|--|--|-------------------------------|---|---|---|-------------------------|
| LV Variance Account                                     | 1550 | (8,026)              | (20,741)   |   |   |                                      | (28,767)   | (91)   |  | (608 )                        | (699 )  | (29,466)  | (29,465)                                  | (1)                     |
| RSVA - Wholesale Market Service Charge                  | 1580 | (87,197)             | (92,175)   |   |   |                                      | (179,372)  | 1,260  |  | (5,954)                       | (4,694)   | (184,066)   | (184,066)                                 | 0                       |
| RSVA - Retail Transmission Network Charge               | 1584 | (329,479)            | (169,902)  |   |   |                                      | (499,381)  | (12,875)                                       |  | (19,344)                      | (32,219)  | (531,600)   | (531,600)                                 | 0                       |
| RSVA - Retail Transmission Connection Charge            | 1586 | (350,807)            | (192,658)  |   |   |                                      | (543,465)  | (14,365)                                       |  | (20,882)                      | (35,247)  | (578,712)   | (578,712)                                 | 0                       |
|   |      |                      |  |   |   |                                      |  |  |  |                               |   |   |   |                         |
| RSVA - Power (Excluding Global Adjustment)              | 1588 | 512,981              | 396,289  |   |   |                                      | 909,270  | 75,799   |  | 35,958                        | 111,757   | 1,021,027   | 1,021,026                                 | 1                       |
| RSVA - Power (Global Adjustment Sub-account)            |      | 288,577              | (8,317)  |   |   |                                      | 280,260  | (6,894)  |  | 12,143                        | 5,249   | 285,509   | 285,509                                   | (0)                     |
|   |      |                      |  |   |   |                                      |  |  |  |                               |   |   |   |                         |
| Recovery of Regulatory Asset Balances                   | 1590 | 1,532,876            | (1,343,501)  |   |   |                                      | 189,375  | 455,386  |  | 40,836                        | 496,222   | 685,597   | 685,596                                   | 1                       |
| Disposition and recovery of Regulatory Balances Account | 1595 | 0                    |  |   |   |                                      | 0  | 0  |  |                               | 0   | 0   |   |                         |
|   |      |                      |  |   |   |                                      |  |  |  |                               |   |   |   |                         |
| Tota  | I    | 1,558,925            | (1,431,005)  | 0   | 0   | 0                                    | 127,920  | 498,220  | 0  | 42,149                        | 540,369   | 668,289   | 668,288                                   | 1                       |

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

<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

#### **Regulatory Assets - Continuity Schedule 2008**

| Account Description  | Account<br>Number | Opening Principal<br>Amounts as of Jan-1-<br>08 | Transactions<br>(additions) during<br>2008, excluding<br>interest and<br>adjustments 1 | Transactions<br>(reductions) during<br>2008, excluding<br>interest and<br>adjustments 1 | Adjustments during<br>2008 - instructed by<br>Board 2 | Adjustments during<br>2008 - other 3 | Transfer of Board-<br>approved 2006<br>amounts to 1595<br>(2008 COS)4 | Closing Principal<br>Balance as of Dec-<br>31-08 | Opening Interest<br>Amounts as of Jan-1-<br>08 | Interest Recovery<br>Transactions<br>during 2008 | Interest Jan-1 to<br>Dec31-08 | Transfer of Board-<br>approved 2006<br>interest amounts to<br>1595 (2008 COS) | Closing Interest<br>Amounts as of Dec-<br>31-08 |
|--|-------------------|---|--|---|---|--------------------------------------|---|--|--|--|-------------------------------|---|---|
| LV Variance Account  | 1550              | (28,767)  | 11,828   |   |   |                                      |   | (16,939)   | (699)  |  | (1,112)                       |   | (1,811 )  |
| RSVA - Wholesale Market Service Charge<br>RSVA - Retail Transmission Network Charge              | 1580<br>1584      | (179,372)<br>(499,381)                          | (119,931)<br>(205,967)   |   |   |                                      |   | (299,303)<br>(705,348)                           | (4,694)<br>(32,219)                            |  | (9,284)<br>(23,435)           |   | (13,978)<br>(55,654)                            |
| RSVA - Retail Transmission Connection Charge   | 1586              | (543,465)                                       | (244,661)  |   |   |                                      |   | (788,126)  | (35,247)                                       |  | (25,654)                      |   | (60,901)  |
| RSVA - Power (Excluding Global Adjustment)<br>RSVA - Power (Global Adjustment Sub-account)       | 1588              | 909,270<br>280,260                              | 461,693<br>(47,064 )   |   |   |                                      |   | 1,370,963<br>233,196                             | 111,757<br>5,249                               |  | 55,426<br>(2,448)             |   | 167,183<br>2,801                                |
| Recovery of Regulatory Asset Balances<br>Disposition and recovery of Regulatory Balances Account | 1590<br>1595      | 189,375   |  |   | (646,928)   |                                      |   | (457,553)<br>0                                   | 496,222<br>0                                   |  | (10,394)                      |   | 485,828<br>0                                    |
| Total  |                   | 127,920   | (144,102)  | 0   | (646,928)   | 0                                    | 0   | (663,110)  | 540,369  | 0  | (16,901)                      | 0   | 523,468   |

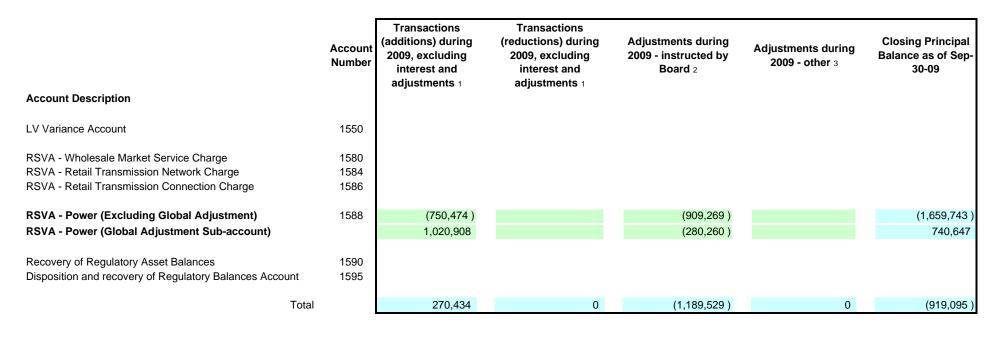
<sup>1</sup> For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

<sup>4</sup> 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.

### Regulatory Assets - Continuity Schedule 2009 - 1588 Power Account Only



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

<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

<sup>4</sup> This records the or the second se

#### Regulatory Assets - Continuity Schedule Final

|   | Account<br>Number | Amounts as of Jan-1. | Global Adjustment<br>Reconciliation | Transfer of Board-<br>approved 2007<br>amounts to 1595<br>(2009 COS) | Principal Amounts<br>to be disposed | Opening Interest<br>Amounts as of Jan-1-<br>09 | Global Adjustment<br>Interest<br>Reconciliation | Interest on Board-<br>approved 2007<br>amounts prior to<br>transfer Jan-1, 2009<br>to Date of Transfer | Transfer of Board-<br>approved 2007<br>interest amounts to<br>1595 (2009 COS) | Projected Interest<br>on Dec 31 -08<br>balance from Jan 1,<br>2009 to Dec 31, 2009 | Projected Interest<br>on Dec 31 -08<br>balance from Jan 1,<br>2010 to April 30,<br>2010 1 | Interest Amounts to be<br>disposed | Total Claim |
|---|-------------------|----------------------|-------------------------------------|--|-------------------------------------|--|---|--|---|--|---|------------------------------------|-------------|
| Account Description                                     |                   | Α                    | В                                   | С  | E = A + B +C + D                    | F  | G   | н  | I   | J  | к   | M=F+G+H+I+J+K                      | N = E + M   |
| LV Variance Account                                     | 1550              | (16,939)             |                                     | 28,767   | 11,828                              | (1,811 )                                       |   | (197)  | 2,164   | 134  | 21  | 311                                | 12,139      |
| RSVA - Wholesale Market Service Charge                  | 1580              | (299,303)            |                                     | 179,372  | (119,931)                           | (13,978)                                       |   | (1,231)  | 13,836  | (1,356)  | (217)   | (2,946)                            | (122,877)   |
| RSVA - Retail Transmission Network Charge               | 1584              | (705,348)            |                                     | 499,381  | (205,967)                           | (55,654)                                       |   | (3,427)  | 57,671  | (2,329)  | (372)   | (4,112)                            | (210,079)   |
| RSVA - Retail Transmission Connection Charge            | 1586              | (788,126)            |                                     | 543,465  | (244,661)                           | (60,901)                                       |   | (3,730)  | 62,946  | (2,766)  | (442)   | (4,894 )                           | (249,555)   |
|   |                   |                      |                                     |  |                                     |  |   |  |   |  |   |                                    |             |
| RSVA - Power (Excluding Global Adjustment)              | 1588              | 1,370,963            |                                     | (909,269)  | 461,694                             | 167,183  |   | 6,240  | (158,100)   | 5,220  | 835   | 21,379                             | 483,073     |
| RSVA - Power (Global Adjustment Sub-account)            |                   | 233,196              |                                     | (280,260)  | (47,064)                            | 2,801  |   | 1,923  | (19,533)  | (532)  | (85)  | (15,425)                           | (62,490)    |
|   | 4500              | (457,550.)           |                                     |  | (457,550)                           | 105 000  |   | 0  |   | (5.470.)   | (007)   | 170.007                            | 00.074      |
| Recovery of Regulatory Asset Balances                   | 1590              | (457,553)            |                                     |  | (457,553)                           | 485,828  |   | 0  |   | (5,173)  | (827)   | 479,827                            | 22,274      |
| Disposition and recovery of Regulatory Balances Account | 1595              | 0                    |                                     |  | 0                                   | 0  |   |  |   | 0  | 0   | 0                                  | 0           |
| Tota  | al                | (663,110)            | 0                                   | 61,456   | (601,654)                           | 523,468  | 0   | (422)  | (41,015)  | (6,803)  | (1,088)   | 474,140                            | (127,514)   |

#### 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    |                 | 0.1808           |
| 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     |                 | 1.1307           |                   |                 |                  |



File Number:

Name of LDC: Lakeland Power Distribution EB-2009-0234 Effective Date: May 1, 2010

## **Threshold Test**

| Rate Class                      | Billed kWh<br>B |
|---------------------------------|-----------------|
| Residential                     | 81,234,268      |
| General Service Less Than 50 kW | 44,415,850      |
| General Service 50 to 4,999 kW  | 90,658,716      |
| Unmetered Scattered Load        | 214,928         |
| Sentinel Lighting               | 38,404          |
| Street Lighting                 | 1,876,475       |
|                                 | 218,438,641     |
|                                 |                 |
| Total Claim                     | (127,514)       |
|                                 |                 |
| Total Claim per kWh             | - 0.000584      |



### **Cost Allocation - kWh**

| Rate Class                      | Billed kWh  | % kWh  |        |           |           |           |         | Total    |
|---------------------------------|-------------|--------|--------|-----------|-----------|-----------|---------|----------|
|                                 |             |        | 1550   | 1580      | 1584      | 1586      | 1588 1  |          |
| Residential                     | 81,234,268  | 37.2%  | 4,514  | (45,696)  | (78,125)  | (92,806)  | 179,648 | (32,465) |
| General Service Less Than 50 kW | 44,415,850  | 20.3%  | 2,468  | (24,985)  | (42,716)  | (50,743)  | 98,225  | (17,751) |
| General Service 50 to 4,999 kW  | 90,658,716  | 41.5%  | 5,038  | (50,998)  | (87,189)  | (103,573) | 200,490 | (36,232) |
| Unmetered Scattered Load        | 214,928     | 0.1%   | 12     | (121)     | (207)     | (246)     | 475     | (86)     |
| Sentinel Lighting               | 38,404      | 0.0%   | 2      | (22)      | (37)      | (44)      | 85      | (15)     |
| Street Lighting                 | 1,876,475   | 0.9%   | 104    | (1,056)   | (1,805)   | (2,144)   | 4,150   | (750)    |
|                                 | 218,438,641 | 100.0% | 12,139 | (122,877) | (210,079) | (249,555) | 483,073 | (87,299) |

-

-

-

1 RSVA - Power (Excluding Global Adjustment)



Name of LDC: File Number: Effective Date:

Lakeland Power Distribution Limited EB-2009-0234 : May 1, 2010

## Cost Allocation - Non-RPP kWh

| Rate Class                      | Non-RPP kWh | % kWh  |               |
|---------------------------------|-------------|--------|---------------|
|                                 |             |        | <b>1588</b> 1 |
| Residential                     | 9,001,961   | 8.3%   | (5,212)       |
| General Service Less Than 50 kW | 7,849,630   | 7.3%   | (4,545)       |
| General Service 50 to 4,999 kW  | 90,658,716  | 84.0%  | (52,489)      |
| Unmetered Scattered Load        | 6,773       | 0.0%   | (4)           |
| Sentinel Lighting               | 1,821       | 0.0%   | (1)           |
| Street Lighting                 | 413,939     | 0.4%   | (240)         |
|                                 | 107,932,840 | 100.0% | (62,490)      |

-

1 RSVA - Power (Global Adjustment Sub-account)



## **Cost Allocation - 1590**

| Rate Class                      | 1590 Recovery<br>Share<br>Proportion | 1590   |
|---------------------------------|--------------------------------------|--------|
| Residential                     | 47.2%                                | 10,513 |
| General Service Less Than 50 kW | 20.5%                                | 4,566  |
| General Service 50 to 4,999 kW  | 31.6%                                | 7,039  |
| Unmetered Scattered Load        | 0.3%                                 | 67     |
| Sentinel Lighting               | 0.0%                                 | 0      |
| Street Lighting                 | 0.4%                                 | 89     |
|                                 | 100.0%                               | 22,274 |

-



## **Cost Allocation - 1595**

| Rate Class                      | 1595 Recovery<br>Share<br>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    |
| 2 2                             | 0.0%                                 | 0    |

E1.4 Cost Allocation 1595

-



Name of LDC:Lakeland Power Distribution LimitedFile Number:EB-2009-0234Effective 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<br>A | Billed kW<br>B | kWh<br>C | Non-RPP<br>D | 1590<br>E | 1595<br>F | Total<br>G = C + D + E + F | Rate Rider kWh<br>H = G / A (kWh) or H = G / B (kW) |
|---------------------------------|------------|-----------------|----------------|----------|--------------|-----------|-----------|----------------------------|---|
| Residential                     | kWh        | 81,234,268      | 0              | (32,465) | (5,212)      | 10,513    | 0         | (27,164)                   | (0.00033)   |
| General Service Less Than 50 kW | kWh        | 44,415,850      | 0              | (17,751) | (4,545)      | 4,566     | 0         | (17,729)                   | (0.00040)   |
| General Service 50 to 4,999 kW  | kW         | 90,658,716      | 226,544        | (36,232) | (52,489)     | 7,039     | 0         | (81,682)                   | (0.36056)   |
| Unmetered Scattered Load        | kWh        | 214,928         | 0              | (86)     | (4)          | 67        | 0         | (23)                       | (0.00011)   |
| Sentinel Lighting               | kW         | 38,404          | 111            | (15)     | (1)          | 0         | 0         | (16)                       | (0.14777)   |
| Street Lighting                 | kW         | 1,876,475       | 5,123          | (750)    | (240)        | 89        | 0         | (900)                      | (0.17577)   |
|                                 |            | 218,438,641     | 231,778        | (87,299) | (62,490)     | 22,274    | 0         | (127,514)                  |   |

-

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:Lakeland Power Distribution LimitedFile Number:EB-2009-0234Effective Date:May 1, 2010

# **Request for Clearance of Deferral and Variance Accounts**

|   | Account<br>Number | Principal<br>Amounts | Interest Amounts | Total Claim |
|---|-------------------|----------------------|------------------|-------------|
| Account Description                                     |                   | Α                    | В                | C = A + B   |
| LV Variance Account                                     | 1550              | (11,828)             | (311)            | (12,139)    |
| RSVA - Wholesale Market Service Charge                  | 1580              | 119,931              | 2,946            | 122,877     |
| RSVA - Retail Transmission Network Charge               | 1584              | 205,967              | 4,112            | 210,079     |
| RSVA - Retail Transmission Connection Charge            | 1586              | 244,661              | 4,894            | 249,555     |
| RSVA - Power (Excluding Global Adjustment)              | 1588              | (461,694)            | (21,379)         | (483,073)   |
| RSVA - Power (Global Adjustment Sub-account)            | 1588              | 47,064               | 15,425           | 62,490      |
| Recovery of Regulatory Asset Balances                   | 1590              | 457,553              | (479,827)        | (22,274)    |
|   |                   |                      |                  |             |
| Disposition and recovery of Regulatory Balances Account | 1595              | (601,654)            | 474,140          | (127,514)   |
|   |                   |                      |                  |             |
|   | Total             | 0                    | 0                | 0           |

# **APPENDIX B**

# SMART METER RATE CALCULATION MODEL

| Sheer T             | Other mormation sheet           |
|---------------------|---------------------------------|
|                     |                                 |
|                     |                                 |
| Name of LDC:        | Lakeland Power Distribution Ltd |
|                     |                                 |
| Licence Number:     | ED-2002-0540                    |
| 21001100 1141115011 |                                 |
|                     |                                 |
|                     |                                 |
| Date of Submission: | January 4, 2010                 |
|                     |                                 |
|                     |                                 |
|                     |                                 |
| Contact Information |                                 |
| Name:               | Margaret Maw                    |
|                     | malgalot man                    |
| 101 A.L.            |                                 |
| Title:              | Chief Financial Officer         |
|                     |                                 |
| Phone Number:       | 705-789-5442                    |
|                     |                                 |
| E-Mail Address:     | mmaw@lakelandholding.com        |
|                     |                                 |

## **Sheet 1** Utility Information Sheet

\_

### Sheet 2. Smart Meter Capital Cost and Operational Expense Data

| assume calendar year installation       2007       2008       2009       2010       2011       2012       Total         Planned number of Residential smart meters to be installed       Audited Actual       Forecasted       Forecasted </th |
|--|
| Planned number of Residential smart meters to be installed       -       7,77       153       -       -       7,77         Planned number of General Service Less Than 50 kW smart meters       -       1,375       177       -       -       1,57         Planned Meter Installation (Residential and Less Than 50 kW only)       -       -       8,945       330       -       -       9,27         Percentage of Completion       0%       0%       96%       100%       10%   |
| Planned Meter Installation (Residential and Less Than 50 kW only)       -       -       8,945       330       -       -       9,22         Percentage of Completion       0%       0%       96%       100%       100%       100%       100%         Planned number of General Service Greater Than 50 kW smart meters       -       -       76       -       9,33         Planned / Actual Meter Installations       -       8,945       406       -       9,33         Other Unit Installation Plan:       -       8,945       406       -       9,33   |
| Percentage of Completion     0%     0%     96%     100%     100%       Planned number of General Service Greater Than 50 kW smart meters     -     -     76     -     -       Planned / Actual Meter Installations     -     -     8,945     406     -     -     9,345       Other Unit Installation Plan:     -     -     -     -     -     9,345   |
| Planned number of General Service Greater Than 50 kW smart meters Planned / Actual Meter Installations Cher Unit Installation Plan:  |
| Planned / Actual Meter Installations         -         -         8,945         406         -         -         9,35           Other Unit Installation Plan:         -         -         -         -         -         -         9,35   |
| Other Unit Installation Plan:  |
|  |
|  |
| Audited Actual     Audited Actual     Forecasted     Forecasted     Forecasted       Planned number of Collectors to be installed     30     30     30   |
| Planned number of Repeaters to be installed  |
| Other : Please specify   |
|  |
|  |
|  |

#### **Capital Costs**

| Capital Costs  |               |                        |                        |                    |                    |                       |                    |           |
|--|---------------|------------------------|------------------------|--------------------|--------------------|-----------------------|--------------------|-----------|
| 1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)  | Asset Type    |                        |                        |                    |                    |                       |                    |           |
|  |               | 2007<br>Audited Actual | 2008<br>Audited Actual | 2009<br>Forecasted | 2010<br>Forecasted | 2011<br>Forecasted    | 2012<br>Forecasted | Total     |
| 1.1.1 Smart Meter  | Smart Meter   | \$-                    | \$-                    | \$ 936,813         | \$ 356,259         | \$ 13,167             |                    | 1,319,405 |
| may include new meters and modules, etc.   |               |                        |                        |                    |                    |                       |                    |           |
| 1.1.2 Installation Cost  | Smart Meter   | \$-                    | \$-                    | \$ 131,632         | \$ -               | \$-\$                 | <b>-</b> \$        | 131,632   |
| may include socket kits plus shipping, labour, benefits, vehicle, etc. 1.1.3a Workforce Automation Hardware            | Comp. Hard.   | \$ -                   | \$-                    | \$ 9,556           | \$-                | \$-\$                 | - \$               | 9,556     |
| may include fieldworker handhelds, barcode hardware, etc.  | Comp. Soft.   | <b>\$</b> -            | •                      |                    | •                  | •                     |                    |           |
| 1.1.3b Workforce Automation Software<br>may include fieldworker handhelds, barcode hardware, etc.                      | Comp. Son.    | <del>ک</del> -         | \$-                    | \$ -               | \$ -               | \$ - 3                | - · ·              | -         |
| Total Advanced Metering Communication Device (AMCD)  |               | \$-                    | \$-                    | \$ 1,078,001       | \$ 356,259         | \$ 13,167 \$          | 13,167 \$          | 1,460,594 |
| 1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (include   | les LAN)      |                        |                        |                    |                    |                       |                    |           |
|  |               | 2007<br>Audited Actual | 2008<br>Audited Actual | 2009<br>Forecasted | 2010<br>Ecroposted | 2011<br>Enroported    | 2012<br>Ecroported | Total     |
| 1.2.1 Collectors   | Smart Meter   | \$ -                   | \$ -                   | \$ 132,747         | Forecasted<br>\$ - | Forecasted<br>\$ - \$ | Forecasted         | 132,747   |
|  |               |                        |                        |                    |                    |                       |                    |           |
| 1.2.2 Repeaters<br>may include radio licence, etc.   | Smart Meter   | \$-                    | \$-                    | \$ 6,985           | \$-                | \$-\$                 | - \$               | 6,985     |
| 1.2.3 Installation   | Smart Meter   | <b>S</b> -             | \$-                    | \$ 17,865          | \$ -               | s - s                 | - \$               | 17,865    |
| may include meter seals and rings, collector computer hardware, etc.   |               |                        |                        |                    | · ·                |                       |                    |           |
| Total Advanced Metering Regional Collector (AMRC) (includes LAN)   |               | \$-                    | \$-                    | \$ 157,596         | \$-                | \$-\$                 | ; - \$             | 157,596   |
| 1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)  |               |                        |                        |                    |                    |                       |                    |           |
|  |               | 2007<br>Audited Actual | 2008<br>Audited Actual | 2009<br>Forecasted | 2010<br>Forecasted | 2011<br>Forecasted    | 2012<br>Forecasted | Total     |
| 1.3.1 Computer Hardware  | Comp. Hard.   | \$ -                   | \$ -                   | \$ 18,144          | \$ -               | \$ - \$               | - \$               | 18,144    |
| 1.3.2 Computer Software  | Comp. Soft.   | \$ -                   | \$-                    | \$ 73,601          | \$-                | \$-\$                 | - \$               | 73,601    |
| 1.3.3 Computer Software Licence & Installation (includes hardware & software)  | Comp. Soft.   | <b>\$</b> -            | \$-                    | \$-                | \$ -               | \$-9                  | - \$               |           |
| may include AS/400 disc space, backup & recovery computer, UPS, etc<br>Total Advanced Metering Control Computer (AMCC) |               | \$ -                   | \$-                    | \$ 91,745          | s -                | s - s                 | - s                | 91,745    |
|  |               |                        |                        |                    |                    |                       | Ŧ                  |           |
| 1.4 WIDE AREA NETWORK (WAN)  |               | 2007                   | 2008                   | 2009               | 2010               | 2011                  | 2012               | Total     |
|  |               | Audited Actual         | Audited Actual         | Forecasted         | Forecasted         | Forecasted            | Forecasted         |           |
| 1.4.1 Activation Fees  | Tools & Equip | \$-                    | \$-                    | \$-                | \$ -               | \$-\$                 | - \$               | -         |
| Total Wide Area Network (WAN)  |               | \$-                    | \$-                    | \$-                | \$ -               | \$- \$                | - \$               | -         |
|  |               |                        |                        |                    |                    |                       |                    |           |

S:\Smart Meters\Capital Budget,Rate Submission & Reporting\OEB Smart Meter Rate Filings\Smart Meter Rate Calculation Model - Lakeland December 31, 2009

### Sheet 2. Smart Meter Capital Cost and Operational Expense Data

| 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTION          | ALITY        | 2007           | 2008           | 2009         | 2010       | 2011       | 2012          | Total        |
|--|--------------|----------------|----------------|--------------|------------|------------|---------------|--------------|
|  |              | Audited Actual | Audited Actual | Forecasted   | Forecasted | Forecasted | Forecasted    |              |
| 1.5.1 Customer equipment (including repair of damaged equipment) | Other Equip. | \$-            | \$-            | \$-          | \$-        | \$-        | \$ - 8        | \$-          |
| 1.5.2 AMI Interface to CIS                                       | Comp. Soft.  | \$-            | \$ 14,904      | \$-          | \$-        | \$ -       | \$ - {        | \$ 14,904    |
| 1.5.3 Professional Fees  | Comp. Soft.  | \$ 38,216      | \$ 16,224      | \$ 75,180    | \$ 21,000  | \$ -       | \$ - {        | \$ 150,620   |
| 1.5.4 Integration  | Comp. Soft.  | \$ 3,774       | \$ 4,854       | \$ 3,530     | \$ 139,690 | \$ -       | \$ - {        | \$ 151,848   |
| 1.5.5 Program Management   | Comp. Soft.  | \$-            | \$-            | \$ 97,864    | \$-        | \$-        | <b>\$</b> - ( | \$ 97,864    |
| 1.5.6 Other AMI Capital  | Comp. Soft.  | \$-            | \$ 24,870      | \$ 26,315    | \$ 20,775  | \$ -       | <b>\$</b> - ( | \$ 71,960    |
| Total Other AMI Capital Costs Related To Minimum Functionality   |              | \$ 41,990      | \$ 60,851      | \$ 202,889   | \$ 181,465 | \$-        | \$            | \$ 487,196   |
| Total Capital Costs  |              | \$ 41,990      | \$ 60,851      | \$ 1,530,231 | \$ 537,724 | \$ 13,167  | \$ 13,167 \$  | \$ 2,197,131 |

### Sheet 2. Smart Meter Capital Cost and Operational Expense Data

#### O M & A

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

| 2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)  | 2007<br>Audited Actual | 2008<br>Audited Actual | 2009<br>Forecasted | 2010<br>Forecasted  | 2011<br>Forecasted | 2012<br>Forecasted | Total                   |
|--|------------------------|------------------------|--------------------|---------------------|--------------------|--------------------|-------------------------|
| 2.1.1 Maintenance<br>may include meter reverification costs, etc.<br>Total Incremental AMI Operation Expenses  | \$ - \$<br>\$ - \$     | - 9                    | 20,000             | \$ 20,000 \$        | 20,000 \$          | 20,000 \$          | 80,000<br><b>80,000</b> |
| 2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)<br>2.2.1 Maintenance                            | \$ - \$                | - \$                   | 5 - \$             | 5 - <b>\$</b>       | - \$               | - \$               |                         |
| Total Advanced Metering Regional Collector (AMRC) (includes LAN)   | \$-\$                  | - \$                   | ; - ;              | 5 - \$              | - \$               | - \$               | -                       |
| 2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)<br>2.3.1 Hardware Maintenance<br>may include server support, etc | \$ - \$                | - \$                   | ; - S              | 5 - \$              | - \$               | - \$               | -                       |
| 2.3.2 Software Maintenance<br>may include maintenance support, etc.  | \$ - \$                | - \$                   | ; - Ş              | \$ 15,555 \$        | 15,555 \$          | 15,555 \$          | 46,665                  |
| Total Advanced Metering Control Computer (AMCC)  | \$-\$                  | - \$                   | ; - \$             | 5 15,555 \$         | 15,555 \$          | 15,555 \$          | 46,665                  |
| 2.4 WIDE AREA NETWORK (WAN)  |                        |                        |                    |                     |                    |                    |                         |
| 2.4.1 WIDE AREA NETWORK (WAN)<br>may include serial to Ethernet hardware, etc.                                 | \$-\$                  | - \$                   | 3,572              | 6,124 \$            | 6,124 \$           | 6,124 \$           | 21,943                  |
| Total Incremental Other Operation Expenses   | \$-\$                  | - \$                   | 3,572              | 6,124 \$            | 6,124 \$           | 6,124 \$           | 21,943                  |
| 2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY<br>2.5.1 Business Process Redesign                   | \$ - \$                | - [\$                  | ; - S              | s - \$              | - \$               | - \$               | -                       |
| 2.5.2 Customer Communication<br>may include project communication. etc.  | \$-\$                  | - \$                   | - \$               | s - \$              | - \$               | - \$               | -                       |
| 2.5.3 Program Management   | \$-\$                  | - \$                   | 70,000             | 5 191,872 <b>\$</b> | 194,711 \$         | 97,241 \$          | 553,825                 |
| 2.5.4 Change Management<br>may include training, etc.  | \$ - \$                | 3,874                  | 2,000              | 3,402 \$            | 3,402 \$           | - \$               | 12,678                  |
| 2.5.5 Administration Cost  | \$ - \$                | - \$                   | - 9                | \$ 22,680 \$        | 22,680 \$          | 22,680 \$          | 68,040                  |
| 2.5.6 Other AMI Expenses   | \$ - \$                | - \$                   |                    | 55,663 \$           | 56,678 \$          | 57,818 \$          | 170,160                 |
| Total 2.5 Other AMI OM&A Costs Related To Minimum Functionality  | \$-\$                  | 3,874 \$               | 5 72,000 \$        | 5 273,617 \$        | 277,472 \$         | 177,739 \$         | 804,702                 |
| Total O M & A Costs  | \$-\$                  | 3,874 \$               | 95,572             | 315,296 \$          | 319,150 \$         | 219,418 \$         | 953,310                 |

#### Sheet 3. LDC Assumptions and Data

#### Assumptions:

Planned meter installations occur evenly through the year.
 Year assumed January to December
 Amortization is straight line and has half year rule applied in first year

|  | 2007   | 2008  | 2009   | 2010   | 2011  | 2012  |  |
|--|--|---|--|--|---|---|--|
| Rate Base  |  |   |  |  |   |   |  |
| Deemed Short Term Debt %<br>Deemed Debt (from 2006 EDR Sheet '3-2 COST OF CAPITAL (Input)' Cell C 18)<br>Deemed Equity (from 2006 EDR Sheet '3-2 COST OF CAPITAL (Input)' Cell C 19)   | 53.3%<br>46.7%   | 0%<br>53.3%<br>46.7%  | 4%<br>52.7%<br>43.3%                                       | 4%<br>56.0%<br>40.0%                             | 4%<br>56.0%<br>40.0%                              | 4%<br>56.0%<br>40.0%                              |  |
| Deemed Short Term Debt Rate%<br>Weighted Debt Rate (from 2006 EDR Sheet "3-2 COST OF CAPITAL (Input)" Cell C 25)<br>Proposed ROE (from 2006 EDR Sheet "3-2 COST OF CAPITAL (Input)" Cell E 32)   | 0.00%<br>5.11%<br>9.00%  | 0.00%<br>5.11%<br>9.00%   | 1.33%<br>5.16%<br>8.01%                                    | 1.33%<br>5.16%<br>8.01%                          | 1.33%<br>5.16%<br>8.01%                           | 1.33%<br>5.16%<br>8.01%                           |  |
| Weighted Average Cost of Capital   | 6.93%  | 6.93%   | 6.24%  | 6.15%  | 6.15%   | 6.15%   |  |
| Working Capital Allowance %  | 15.00%   | 15.00%  | 15.00%   | 15.00%   | 15.00%  | 15.00%  |  |
| 2006 EDR Tax Rate<br>Corporate Income Tax Rate<br>(from 2006 PILs Sheet "Test Year PILs,Tax Provision" Cell D 14)  | 36.12%   | 33.50%  | 26.86%   | 25.90%   | 24.40%  | 22.90%  |  |
| Capital Data:  | 2007<br>Audited Actual   | 2008<br>Audited Actual  | 2009<br>Forecasted   | 2010<br>Forecasted                               | 2011<br>Forecasted                                | 2012<br>Forecasted                                | Total  |
| Smart Meter<br>Computer Hardware<br>Computer Software<br>Tools & Equipment<br>Other Equipment<br>Total Capital Costs   | \$ -<br>\$ 41,990<br>\$ -<br>\$ 41,990<br>\$ -<br>\$ 41,990            | \$ -<br>\$ 60,851<br>\$ -<br>\$ 60,851<br>\$ -<br>\$ 60,851   | \$ 1,226,041<br>\$ 27,700<br>\$ 276,490<br>\$ -<br>\$ -    | \$ 356,259<br>\$ -<br>\$ 181,465<br>\$ -<br>\$ - | \$ 13,167<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ - | \$ 13,167<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ - | \$ 1,608,634<br>\$ 27,700<br>\$ 560,797<br>\$ -<br>\$ -<br>\$ 2,197,131          |
| Operating Expense Data:<br>2.1 Advanced Metering Communication Device (AMCD)<br>2.2 Advanced Metering Regional Collector (AMRC) (includes LAN)<br>2.3 Advanced Metering Control Computer (AMCC)<br>2.4 Wide Area Network (WAN)<br>2.5 Other AMI OM&A Costs Related To Minimum Functionality<br>Total O M & A Costs | 2007<br>Audited Actual<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ - | 2008<br>Audited Actual<br>\$ -<br>\$ -<br>\$ -<br>\$ -<br>\$ 3,874<br>\$ 3,874                      | \$ -<br>\$ -<br>\$ 3,572<br>\$ 72,000                      | \$ -<br>\$ 15,555<br>\$ 6,124<br>\$ 273,617      |   |   | Total<br>\$ 80,000<br>\$ -<br>\$ 46,665<br>\$ 21,943<br>\$ 804,702<br>\$ 953,310 |
|  | <b>ə</b> -   |   | \$ 95,572<br>-   | \$ 315,290<br>-                                  | \$ 319,150<br>-                                   | \$ 219,418<br>-                                   | ÷ 953,310<br>-   |
| Per Meter Cost Split:<br>Smart meter including installation<br>Computer Hardware Costs<br>Computer Software Costs<br>Tools & Equipment<br>Other Equipment<br>Smart meter incremental operating expenses<br>Total Smart Meter Capital Costs per meter   |  | Investment<br>\$ 1,608,634<br>\$ 27,700<br>\$ 560,797<br>\$ -<br>\$ -<br>\$ 953,310<br>\$ 3,150,441 | % of Invest<br>51%<br>1%<br>18%<br>0%<br>0%<br>30%<br>100% |  |   |   |  |
| Depreciation Rates   |  | 2008<br>Audited Actual  | 2009<br>Forecasted   | 2010<br>Forecasted                               | 2011<br>Forecasted                                | 2012<br>Forecasted                                |  |
| Smart Meter (years)<br>Computer Hardware (years)<br>Computer Software (years)<br>Tools & Equipment (years)<br>Other Equipment (years)  | 15<br>10<br>5<br>10<br>10  | 15<br>10<br>5<br>10<br>10   | 15<br>10<br>5<br>10<br>10                                  | 15<br>10<br>5<br>10<br>10                        | 15<br>10<br>5<br>10<br>10                         | 15<br>10<br>5<br>10<br>10                         |  |
| CCA Rates<br>CCA Class<br>Smart Meter  | 2007<br>Audited Actual<br>47<br>8%                                     | 2008<br>Audited Actual<br>47<br>8%  | 2009<br>Forecasted<br>47<br>8%                             | 2010<br>Forecasted<br>47<br>8%                   | 2011<br>Forecasted<br>47<br>8%                    | 2012<br>Forecasted<br>47<br>8%                    |  |
| CCA Class<br>Computer Equipment  | 50<br>55%  | 50<br>55%   | 50<br>55%  | 50<br>55%  | 50<br>55%   | 50<br>55%   |  |
| CCA Class<br>General Equipment   | 8<br>20%   | 8<br>20%  | 8<br>20%   | 8<br>20%   | 8<br>20%  | 8<br>20%  |  |

#### Sheet 4. Smart Meter Rev Req (

#### Smart Meter Revenue Requirement Calculation

| Average Asset Values  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  |
|---|---|---|---|---|---|---|
|   | Audited Actual  | Audited Actual  | Forecasted  | Forecasted  | Forecasted  | Forecasted  |
| Net Fixed Assets Smart Meters<br>Net Fixed Assets Computer Hardware<br>Net Fixed Assets Computer Software<br>Net Fixed Assets Tools & Equipment<br>Net Fixed Assets Other Equipment<br>Total Net Fixed Assets                 | \$  | \$ -<br>\$ 60,975.39<br>\$ -<br>\$ -<br>\$ 60,975.39<br>\$ 60,975.39          | \$ 592.586.85<br>\$ 13,157.39<br>\$ 198.295.88<br>\$ .<br>\$ 804,039.91<br>\$ 804,039.91  | \$ 1,316,497.05<br>\$ 24,929.78<br>\$ 356,156.30<br>\$ .<br>\$ 1,697,585.13<br>\$ 1,697,585.13  | \$ 1,401,441.44<br>\$ 22,158.81<br>\$ 343,804.83<br>\$ -<br>\$ 1,767,405.87<br>\$ 1,767,405.87  | \$ 1,308,243,83<br>\$ 19,389,83<br>\$ 231,645,27<br>\$ -<br>\$ 1,559,278,94<br>\$ 1,559,278,94  |
| Working Capital<br>Operation Expense<br>Working Capital %   | \$ -<br>\$ - \$ -   | \$ 3,874.00<br>\$ 581.10 \$ 581.10  | \$ 95,572.10<br>\$ 14,335.82 \$ 14,335.82   | \$ 315,295,91<br>\$ 47,294.39 \$ 47,294.39  | \$ 319,150.20<br>\$ 47,872.53 \$ 47,872.53  | \$ 219,417.86<br>\$ 32,912.68 \$ 32,912.68  |
| Smart Meters included in Rate Base  | \$ 18,895.67  | \$ 61,556.49  | \$ 818,375.73   | \$ 1,744,879.52   | \$ 1,815,278.40   | \$ 1,592,191.62   |
| Return on Rate Base<br>Deemed Short Term Debt %<br>Deemed Long Term Debt %<br>Deemed Equity %   | 0.00% \$<br>53.30% \$ 10.071.39<br>46.70% \$ 8.824.28<br>\$ 18,895.67                     | 0.00% \$<br>53.30% \$ 32,809.61<br>46.70% \$ 28,746.88<br>\$ 61,556.49        | 4.00%         \$ 32,735.03           52.70%         \$ 431,284.01           43.30%         \$ 334,336.69           \$ 384,336.69  | 4.00%         \$         69,795.18           56.00%         \$         977,132.53           40.00%         \$         697,951.81           \$         17,744,879.52 | 4.00% \$ 72,611.14<br>56.00% \$ 1.016,555.91<br>40.00% \$ 728,111.36<br>\$ 1,815,278.40   | 4.00%         \$ 63,687.66           56.00%         \$ 891,627.31           40.00%         \$ 636,876.65           \$ 1,592,191.62            |
| Deemed Short Term Debt Rate%<br>Weighted Debt Rate(3. LDC Assumptions and Data)<br>Proposed ROE(3. LDC Assumptions and Data)<br>Return on Rate Base   | 0.00% \$ -<br>5.11% \$ 514.65<br>9.00% <u>\$ 794.18</u><br><u>\$ 1,308.83</u> \$ 1,308.83 | 0.00% \$<br>5.11% \$ 1.676.57<br>9.00% \$ 2.587.22<br>\$ 4.263.79 \$ 4.263.79 | 1.33%         \$         435.38           5.16%         \$         22.254.25           8.01%         \$         28.383.97           \$         51,073.60         \$         51,073.60 | 1.33%         \$ 928.28           5.16%         \$ 50.420.04           8.01%         \$ 55,905.94           \$ 107,254.25         \$ 107,254.25                     | 1.33%         \$ 965.73           5.16%         \$ 52,454.28           8.01%         \$ 58,161.52           \$ 111,581.53         \$ 111,581.53 | 1.33%         \$ 847.05           5.16%         \$ 46,007.97           8.01%         \$ 51,013.82           \$ 97,868.83         \$ 97,868.83 |
| Operating Expenses<br>Incremental Operating Expenses(3. LDC Assumptions and   | Data) \$ -  | \$ 3,874.00   | \$ 95,572.10  | \$ 315,295.91   | \$ 319,150.20   | \$ 219,417.86   |
| Amortization Expenses<br>Amortization Expenses - Smart Maters<br>Amortization Expenses - Computer Software<br>Amortization Expenses - Computer Software<br>Amortization Expenses - Tools & Equipment<br>Amortization Expenses | S -<br>S 4,199.04<br>S -<br>S -<br>S -<br>S 4,199.04                                      | S -<br>S 14,483,21<br>S -<br>S -<br>S -<br>S 14,483,21                        | \$ 40,888,05<br>\$ 1,384,89<br>\$ 48,217,36<br>\$ 1<br>\$ 1<br>\$ 290,470,39  | \$ 93.611.39<br>\$ 2.709.98<br>\$ 94.012.87<br>\$ -<br>\$ -<br>\$ 190.394.23  | \$ 105.925.58<br>\$ 2,769.98<br>\$ 112,159.36<br>\$ -<br>\$ -<br>\$ 220,854.91  | \$ 106,803.37<br>\$ 2,769.89<br>\$ 112,159.36<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .<br>\$ .                 |
| Revenue Requirement Before PILs   | \$ 5,507.87   | \$ 22,621.00  | \$ 237,116.09   | \$ 612,944.39   | \$ 651,586.64   | \$ 539,019.39   |
| Calculation of Taxable Income<br>Incremental Operating Expenses<br>Depreciation Expenses<br>Interest Expenses<br>Taxable Income For PILs  | \$<br>-\$ 4,190,0<br>-\$ 514.65<br>\$ 794.12  | -\$ 3,874.00<br>-\$ 14,483.21<br>-\$ 1,676.57<br>-\$ 2,587.22                 | -\$ 95,572.10<br>-\$ 90,470.39<br>-\$ 22,254.25<br>\$ 28,819.35   | -\$ 315,295,91<br>-\$ 190,394,23<br>-\$ 50,420,04<br>\$ 56,834,22   | -\$ 319,150.20<br>-\$ 220,854,31<br>-\$ 52,454.28<br>\$ 59,127,25   | -\$ 219,417,86<br>-\$ 221,752,70<br>-\$ 46,007,97<br>\$ 51,860,87   |
| Grossed up PILs (5. PILs)   | -\$ 3,620.91  | -\$ 8,076.00  | -\$ 13,171.67   | -\$ 13,512.60   | \$ 10,355.83  | \$ 31,829.86  |
| Revenue Requirement Before PILs<br>Grossed up PILs (5. PILs)<br>Revenue Requirement for Smart Meters  | \$ 5,507.87<br>-\$ 3,620.91<br>\$ 1,886.96  | \$ 22.621.00<br>-\$ 8.076.00<br>\$ 14,545.00                                  | \$ 237,116.09<br>-\$ 13,171.67<br>\$ 223,944.43   | \$ 612,944.39<br>-\$ 13,512.60<br>\$ 599,431.80   | \$ 651,586.64<br>\$ 10,355.83<br><b>\$ 661,942.47</b>   | \$ 539,019.39<br>\$ 31,829.86<br><b>\$ 570,849.25</b>   |

# Sheet 5. PILs

# **PILs Calculation**

|  |     | 2007          |     | 2008          |     | 2009         |     | 2010          |     | 2011         |     | 2012           |
|--|-----|---------------|-----|---------------|-----|--------------|-----|---------------|-----|--------------|-----|----------------|
| INCOME TAX                             | A   | udited Actual |     | udited Actual |     | Forecasted   |     | Forecasted    |     | Forecasted   |     | Forecasted     |
| Net Income                             | \$  | 794.18        | \$  | 2,587.22      |     | 28,819.35    | \$  | 56,834.22     | \$  | 59,127.25    | \$  | 51,860.87      |
| Amortization                           | \$  | 4,199.04      | \$  | 14,483.21     | \$  | 90,470.39    | \$  | 190,394.23    | \$  | 220,854.91   | \$  | 221,732.70     |
| CCA - Smart Meters                     | \$  | -             | \$  | -             | -\$ | 49,041.65    |     |               | -\$ | 114,514.53   | -\$ | 106,406.72     |
| CCA - Computers                        | -\$ | 11,547.35     | -\$ | 33,477.78     | -\$ | 115,451.35   | -\$ | 185,508.19    | -\$ | 133,381.53   | -\$ | 60,021.69      |
| CCA - Other Equipment                  | \$  | -             | \$  | -             | \$  | -            | \$  | -             | \$  | -            | \$  | -              |
| Change in taxable income               | -\$ | 6,554.13      | -\$ | ,             | -\$ | ,            | -\$ | 46,690.08     | \$  | 32,086.10    | \$  | 107,165.16     |
| Tax Rate (3. LDC Assumptions and Data) |     | 36.12%        |     | 33.50%        |     | 26.86%       |     | 25.90%        |     | 24.40%       |     | 22.90%         |
| Income Taxes Payable                   | -\$ | 2,367.35      | -\$ | 5,496.46      | -\$ | 12,141.60    | -\$ | 12,092.73     | \$  | 7,829.01     | \$  | 24,540.82      |
| ONTARIO CAPITAL TAX                    |     |               |     |               |     |              |     |               |     |              |     |                |
| Smart Meters                           | \$  | -             | \$  | -             | \$  | 1,185,173.31 | \$  | 1,447,820.79  | \$  | 1,355,062.08 | \$  | 1,261,425.58   |
| Computer Hardware                      | \$  | -             | \$  | -             | \$  | 26,314.77    | \$  | 23,544.80     | \$  | 20,774.82    | \$  | 18,004.84      |
| Computer Software                      | \$  | 37,791.33     | \$  | 84,159.46     | \$  | 312,432.30   | \$  | 399,884.31    | \$  | 287,724.95   | \$  | 175,565.60     |
| Tools & Equipment                      | \$  | -             | \$  | -             | \$  |              | \$  |               | \$  | -            | \$  | -              |
| Other Equipment                        | \$  | -             | \$  |               | \$  |              | \$  | -             | \$  | -            | \$  | -              |
| Rate Base                              | \$  | 37,791.33     | \$  | 84,159.46     | \$  | 1,523,920.37 | \$  | 1,871,249.89  | \$  | 1,663,561.85 | \$  | 1,454,996.02   |
| Less: Exemption                        | \$  | -             | \$  | -             | \$  | -            | \$  | -             | \$  | -            | \$  | -              |
| Deemed Taxable Capital                 | \$  | 37,791.33     | \$  | 84,159.46     | \$  | 1,523,920.37 | \$  | 1,871,249.89  | \$  | 1,663,561.85 | \$  | 1,454,996.02   |
| Ontario Capital Tax Rate               |     | 0.225%        |     | 0.225%        |     | 0.225%       | _   | 0.150%        |     | 0.000%       | . T | 0.000%         |
| Net Amount (Taxable Capital x Rate)    | \$  | 85.03         | \$  | 189.36        | \$  | 3,428.82     |     | 2,806.87      | \$  | -            | \$  | -              |
|  |     |               |     |               |     |              |     |               |     |              |     |                |
| Gross Up                               |     |               |     |               |     |              |     |               |     |              |     |                |
|  | P   | ILs Payable   | F   | PILs Payable  | F   | PILs Payable |     | PILs Payable  | F   | PILs Payable |     | PILs Payable   |
| Change in Income Taxes Payable         | -\$ | 2,367.35      | -\$ | 5,496.46      | -\$ | 12,141.60    | -\$ | 12,092.73     | \$  | 7,829.01     | \$  | 24,540.82      |
| Change in OCT                          | \$  | 85.03         | \$  | 189.36        | \$  | 3,428.82     | \$  | 2,806.87      | \$  | -            | \$  | -              |
| PIL's                                  | -\$ | 2,282.32      | -\$ | 5,307.10      | -\$ | 8,712.78     | -\$ | 9,285.85      | \$  | 7,829.01     | \$  | 24,540.82      |
|  |     | Gross Up      |     | Gross Up      |     | Gross Up     |     | Gross Up      |     | Gross Up     |     | Gross Up       |
|  |     | 36.12%        |     | 33.50%        |     | 26.86%       |     | 25.90%        |     | 24.40%       |     | 22.90%         |
|  |     |               |     |               |     |              |     |               |     |              |     |                |
|  |     |               |     |               |     |              |     | ossed Up PILs | Gr  | •            | G   | rossed Up PILs |
| Change in Income Taxes Payable         | -\$ | 3,705.94      | -\$ | 8,265.36      |     | 16,600.49    |     | 16,319.47     | \$  | 10,355.83    | \$  | 31,829.86      |
| Change in OCT                          | \$  | 85.03         | \$  | 189.36        | \$  | 3,428.82     | _   | 2,806.87      | \$  | -            | \$  | -              |
| PIL's                                  | -\$ | 3,620.91      | -\$ | 8,076.00      | -\$ | 13,171.67    | -\$ | 13,512.60     | \$  | 10,355.83    | \$  | 31,829.86      |

S:\Smart Meters\Capital Budget,Rate Submission & Reporting\OEB Smart Meter Rate Filings\Smart Meter Rate Calculation Model - Lakeland December 31, 2009

# Smart Meter Average Net Fixed Assets

| •  |          | 2007         |    | 2008          | 2009               | 2010               | 2011               | 2012               |
|--|----------|--------------|----|---------------|--------------------|--------------------|--------------------|--------------------|
| Net Fixed Assets - Smart Meters                  | Au       | dited Actual | A  | udited Actual | Forecasted         | Forecasted         | Forecasted         | Forecasted         |
| Opening Capital Investment                       | \$       | -            | \$ | -             | \$<br>-            | \$<br>1,226,041.35 | \$<br>1,582,300.22 | \$<br>1,595,467.09 |
| Capital Investment (3. LDC Assumptions and Data) | \$       |              | \$ | -             | \$<br>1,226,041.35 | \$<br>356,258.87   | \$<br>13,166.87    | \$<br>13,166.87    |
| Closing Capital Investment                       | \$       | -            | \$ | -             | \$<br>1,226,041.35 | \$<br>1,582,300.22 | \$<br>1,595,467.09 | \$<br>1,608,633.96 |
| Opening Accumulated Amortization                 | \$       | -            | \$ | -             | \$<br>-            | \$<br>40,868.05    | \$<br>134,479.43   | \$<br>240,405.01   |
| Amortization (15 Years Straight Line)            | \$       | -            | \$ | -             | \$<br>40,868.05    | \$<br>93,611.39    | \$<br>105,925.58   | \$<br>106,803.37   |
| Closing Accumulated Amortization                 | \$       | -            | \$ | -             | \$<br>40,868.05    | \$<br>134,479.43   | \$<br>240,405.01   | \$<br>347,208.38   |
| Opening Net Fixed Assets                         | \$       | -            | \$ | -             | \$<br>-            | \$<br>1,185,173.31 | \$<br>1,447,820.79 | \$<br>1,355,062.08 |
| Closing Net Fixed Assets                         | \$<br>\$ | -            | \$ | -             | \$<br>1,185,173.31 | \$<br>1,447,820.79 | \$<br>1,355,062.08 | \$<br>1,261,425.58 |
| Average Net Fixed Assets                         | \$       | -            | \$ | -             | \$<br>592,586.65   | \$<br>1,316,497.05 | \$<br>1,401,441.44 | \$<br>1,308,243.83 |
|  |          | 2007         |    | 2008          | 2009               | 2010               | 2011               | 2012               |
| Net Fixed Assets - Computer Hardware             | Au       | dited Actual | A  | udited Actual | Forecasted         | Forecasted         | Forecasted         | Forecasted         |
| Opening Capital Investment                       | \$       | -            | \$ | -             | \$<br>-            | \$<br>27,699.76    | \$<br>27,699.76    | \$<br>27,699.76    |
| Capital Investment (3. LDC Assumptions and Data) | \$       | -            | \$ | -             | \$<br>27,699.76    | \$<br>             | \$<br>-            | \$<br>-            |
| Closing Capital Investment                       | \$       | -            | \$ | -             | \$<br>27,699.76    | \$<br>27,699.76    | \$<br>27,699.76    | \$<br>27,699.76    |
| Opening Accumulated Amortization                 | \$       | -            | \$ | -             | \$<br>-            | \$<br>1,384.99     | \$<br>4,154.96     | \$<br>6,924.94     |
| Amortization (10 Years Straight Line)            | \$       | -            | \$ | -             | \$<br>1,384.99     | \$<br>2,769.98     | \$<br>2,769.98     | \$<br>2,769.98     |
| Closing Accumulated Amortization                 | \$       | -            | \$ | -             | \$<br>1,384.99     | \$<br>4,154.96     | \$<br>6,924.94     | \$<br>9,694.92     |
| Opening Net Fixed Assets                         | \$       | -            | \$ | -             | \$<br>-            | \$<br>26,314.77    | \$<br>23,544.80    | \$<br>20,774.82    |
| Closing Net Fixed Assets                         | \$       | -            | \$ | -             | \$<br>26,314.77    | \$<br>23,544.80    | \$<br>20,774.82    | \$<br>18,004.84    |
| Average Net Fixed Assets                         | \$       | -            | \$ | -             | \$<br>13,157.39    | \$<br>24,929.78    | \$<br>22,159.81    | \$<br>19,389.83    |
|  |          | 2007         |    | 2008          | 2009               | 2010               | 2011               | 2012               |
| Net Fixed Assets - Computer Software             | Au       | dited Actual | A  | udited Actual | Forecasted         | Forecasted         | Forecasted         | Forecasted         |
| Opening Capital Investment                       | \$       | -            | \$ | 41,990.37     | \$<br>102,841.70   | \$<br>379,331.90   | \$<br>560,796.78   | \$<br>560,796.78   |
| Capital Investment (3. LDC Assumptions and Data) | \$       | 41,990.37    | \$ | 60,851.33     | \$<br>276,490.20   | \$<br>181,464.88   | \$<br>-            | \$<br>-            |
| Closing Capital Investment                       | \$       | 41,990.37    | \$ | 102,841.70    | \$<br>379,331.90   | \$<br>560,796.78   | \$<br>560,796.78   | \$<br>560,796.78   |
| Opening Accumulated Amortization                 | \$       | -            | \$ | 4,199.04      | \$<br>18,682.24    | \$<br>66,899.60    | \$<br>160,912.47   | \$<br>273,071.83   |
| Amortization Year 1 (5 Years Straight Line)      | \$       | 4,199.04     | \$ | 14,483.21     | \$<br>48,217.36    | \$<br>94,012.87    | \$<br>112,159.36   | \$<br>112,159.36   |
| Closing Accumulated Amortization                 | \$       | 4,199.04     | \$ | 18,682.24     | \$<br>66,899.60    | \$<br>160,912.47   | \$<br>273,071.83   | \$<br>385,231.18   |
| Opening Net Fixed Assets                         | \$       | -            | \$ | 37,791.33     | \$<br>84,159.46    | \$<br>312,432.30   | \$<br>399,884.31   | \$<br>287,724.95   |
| Closing Net Fixed Assets                         | \$       | 37,791.33    | \$ | 84,159.46     | \$<br>312,432.30   | \$<br>399,884.31   | \$<br>287,724.95   | \$<br>175,565.60   |
| Average Net Fixed Assets                         | \$       | 18,895.67    | \$ | 60,975.39     | \$<br>198,295.88   | \$<br>356,158.30   | \$<br>343,804.63   | \$<br>231,645.27   |
|  |          |              |    |               |                    |                    |                    |                    |

### Sheet 6. Avg Net Fixed Assets &UCC

|  | 2      | 2007      | 2     | 2008      | :   | 2009     | 2    | 010     |    | 2011     | :   | 2012    |
|--|--------|-----------|-------|-----------|-----|----------|------|---------|----|----------|-----|---------|
| Net Fixed Assets - Tools & Equipment             | Audite | ed Actual | Audit | ed Actual | For | recasted | Fore | casted  | Fc | recasted | For | ecasted |
| Opening Capital Investment                       | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Capital Investment (3. LDC Assumptions and Data) | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Capital Investment                       | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Opening Accumulated Amortization                 | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Amortization Year 1 (10 Years Straight Line)     | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Accumulated Amortization                 | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Opening Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Average Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
|  | 2      | 2007      | 2     | 2008      | :   | 2009     | 2    | 010     |    | 2011     | :   | 2012    |
| Net Fixed Assets - Other Equipment               | Audite | ed Actual | Audit | ed Actual | For | recasted | Fore | ecasted | Fc | recasted | For | ecasted |
| Opening Capital Investment                       | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Capital Investment (3. LDC Assumptions and Data) | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Capital Investment                       | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Opening Accumulated Amortization                 | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Amortization Year 1 (10 Years Straight Line)     | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Accumulated Amortization                 | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Opening Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Closing Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |
| Average Net Fixed Assets                         | \$     | -         | \$    | -         | \$  | -        | \$   | -       | \$ | -        | \$  | -       |

### For PILs Calculation

| UCC - Smart Meters                         |                      | 2007           |         | 2008           |                    | 2009         |                    | 2010            |           | 2011         |          | 2012         |
|--|----------------------|----------------|---------|----------------|--------------------|--------------|--------------------|-----------------|-----------|--------------|----------|--------------|
|  | Au                   | udited Actual  | Au      | dited Actual   |                    | Forecasted   |                    | Forecasted      |           | Forecasted   |          | Forecasted   |
| Opening UCC                                | \$                   | -              | \$      | -              | \$                 | -            | \$                 | 1,176,999.70    | \$        | 1,424,848.24 | \$       | 1,323,500.57 |
| Capital Additions                          | \$                   | -              | \$      | -              | \$                 | 1,226,041.35 | \$                 | 356,258.87      | \$        | 13,166.87    | \$       | 13,166.87    |
| UCC Before Half Year Rule                  | \$<br>\$<br>\$<br>\$ | -              | \$      | -              | \$                 | 1,226,041.35 | \$                 | 1,533,258.57    | \$        | 1,438,015.11 | \$       | 1,336,667.44 |
| Half Year Rule (1/2 Additions - Disposals) | \$                   | -              | \$      | -              | \$                 | 613,020.68   | \$                 | 178,129.44      | \$        | 6,583.44     | \$       | 6,583.44     |
| Reduced UCC                                | \$                   | -              | \$      | -              | \$                 | 613,020.68   | \$                 | 1,355,129.13    | \$        | 1,431,431.67 | \$       | 1,330,084.01 |
| CCA Rate Class                             |                      | 47             |         | 47             |                    | 47           |                    | 47              |           | 47           |          | 47           |
| CCA Rate                                   |                      | 8%             |         | 8%             |                    | 8%           |                    | 8%              |           | 8%           |          | 8%           |
| CCA  | \$<br>\$             | -              | \$      | -              | \$                 | 49,041.65    | \$                 | 108,410.33      | \$        | 114,514.53   | \$       | 106,406.72   |
| Closing UCC                                | \$                   | -              | \$      | -              | \$                 | 1,176,999.70 | \$                 | 1,424,848.24    | \$        | 1,323,500.57 | \$       | 1,230,260.72 |
| UCC - Computer Equipment                   |                      | 2007           |         | 2008           |                    | 2009         |                    | 2010            |           | 2011         |          | 2012         |
|  | Au                   | udited Actual  | Au      | dited Actual   |                    | Forecasted   |                    | Forecasted      |           | Forecasted   |          | Forecasted   |
| Opening UCC                                | \$                   |                | \$      | 30,443.02      | ¢                  | 57,816.57    | \$                 | 246,555.18      | \$        | 242,511.87   | \$       | 109,130.34   |
| Capital Additions Computer Hardware        | \$                   | -              | \$      | 30,443.02      | <del>پ</del><br>\$ |              | <del>پ</del><br>\$ | 240,000.10      | ֆ<br>\$   | 242,511.07   | ф<br>\$  | 109,130.34   |
| Capital Additions Computer Nortware        | э<br>\$              | -<br>41,990.37 | э<br>\$ | -<br>60,851.33 | э<br>\$            | 276,490.20   | ъ<br>\$            | -<br>181,464.88 | э<br>\$   | -            | ъ<br>\$  | -            |
| UCC Before Half Year Rule                  | \$                   | 41,990.37      | ф<br>\$ | 91,294.35      | <del>پ</del><br>\$ | 362,006.53   | <del>پ</del><br>\$ | 428,020.06      | ֆ<br>\$   | 242,511.87   | \$       | 109,130.34   |
| Half Year Rule (1/2 Additions - Disposals) | \$                   | 20,995.19      |         | 30,425.67      | <del>پ</del><br>\$ | 152,000.55   | <del>پ</del><br>\$ | 90,732.44       |           | 242,511.07   | \$       | 109,130.34   |
| Reduced UCC                                | \$                   | 20,995.19      |         | 60,868.68      | <del>پ</del><br>\$ | 209,911.55   | <del>پ</del><br>\$ | 337,287.62      |           | 242,511.87   | ф<br>\$  | 109,130.34   |
| CCA Rate Class                             |                      | 50             | ψ       | 50             | ψ                  | 50           | ψ                  | 50              | Ψ         | 50           | Ψ        | 50           |
| CCA Rate                                   |                      | 55%            |         | 55%            |                    | 55%          |                    | 55%             |           | 55%          |          | 55%          |
| CCA  | \$                   | 11,547.35      | \$      | 33,477.78      | \$                 | 115,451.35   | \$                 | 185,508.19      | \$        | 133,381.53   | \$       | 60,021.69    |
| Closing UCC                                | \$                   | 30,443.02      |         | 57,816.57      |                    | 246,555.18   | \$                 |                 | \$        | 109,130.34   |          | 49,108.65    |
| UCC - General Equipment                    |                      | 2007           |         | 2008           |                    | 2009         |                    | 2010            |           | 2011         |          | 2012         |
| 000 - General Equipment                    | Au                   | udited Actual  | Au      | dited Actual   |                    | Forecasted   |                    | Forecasted      |           | Forecasted   |          | Forecasted   |
| Opening UCC                                | \$                   |                | \$      |                | \$                 |              | \$                 |                 | \$        |              | \$       |              |
| Capital Additions Tools & Equipment        | \$                   | -              | \$      | -              | \$                 | -            | \$                 | -               | \$        | -            | \$       |              |
| Capital Additions Other Equipment          | \$                   | -              | \$      | _              | \$                 | -            | \$                 | -               | \$        | -            | \$       | -            |
| UCC Before Half Year Rule                  | \$                   | -              | \$      | -              | \$                 | -            | \$                 | -               | \$        | -            | \$       |              |
| Half Year Rule (1/2 Additions - Disposals) | \$                   | -              | \$      | -              | \$                 |              | \$                 | -               | \$        |              | \$       |              |
| Reduced UCC                                | \$                   | -              | \$      | -              | \$                 |              | \$                 | -               | \$        | -            | \$       |              |
| CCA Rate Class                             | Ψ                    | 8              | Ψ       | 8              | Ψ                  | 8            | Ψ                  | 8               | Ψ         | 8            | Ψ        | 8            |
| CCA Rate                                   |                      | 20%            |         | 20%            |                    | 20%          |                    | 20%             |           | 20%          |          | 20%          |
| CCA  | \$                   | - 2070         | \$      |                | \$                 |              | \$                 |                 | \$        |              | \$       |              |
| Closing UCC                                | \$                   | -              | \$      |                | \$                 |              | \$                 |                 | \$        |              | \$       |              |
|  | Ψ                    |                | Ψ       |                | Ψ                  |              | Ψ                  |                 | <i>\$</i> |              | <i>–</i> |              |

## Smart Meter Funding Adder

#### Approved Deferral and Variance Accounts

**CWIP Account** 

|                  | Ond        | ening            | Fur      | d Adder | Int. Rate      | Interest |          | Clo        | osing            |
|------------------|------------|------------------|----------|---------|----------------|----------|----------|------------|------------------|
| Jan-06           | \$         |                  | \$       |         | 0.00%          | \$       |          | \$         |                  |
| Feb-06           |            |                  |          | -       |                |          | 2        |            | -                |
|                  | \$         |                  | \$       | -       | 0.00%          | \$       |          | \$         | -                |
| Mar-06           | \$         | -                | \$       | -       | 0.00%          |          | -        | \$         | -                |
| Apr-06           | \$         | -                | \$       | -       | 4.14%          |          | -        | \$         | -                |
| May-06           | \$         | -                | -\$      | 255     | 4.14%          | \$       | -        | -\$        | 255              |
| Jun-06           | -\$        | 255              | -\$      | 2,004   | 4.14%          |          | 1        | -\$        | 2,259            |
| Jul-06           | -\$        | 2,259            | -\$      | 2,249   | 4.59%          |          | 9        | -\$        | 4,517            |
| Aug-06           | -\$        | 4,517            | -\$      | 2,261   | 4.59%          |          | 17       | -\$        | 6,796            |
| Sep-06           | -\$        | 6,796            | -\$      | 2,249   | 4.59%          | -\$      | 26       | -\$        | 9,071            |
| Oct-06           | -\$        | 9,071            | -\$      | 2,249   | 4.59%          | -\$      | 35       | -\$        | 11,354           |
| Nov-06           | -\$        | 11,354           | -\$      | 2,252   | 4.59%          | -\$      | 43       | -\$        | 13,650           |
| Dec-06           | -\$        | 13,650           | -\$      | 2,253   | 4.59%          | -\$      | 52       | -\$        | 15,955           |
| Jan-07           | -\$        | 15,955           | -\$      | 2,262   | 4.59%          | -\$      | 61       | -\$        | 18,279           |
| Feb-07           | -\$        | 18,279           | -\$      | 2,261   | 4.59%          | -\$      | 70       | -\$        | 20,609           |
| Mar-07           | -\$        | 20,609           | -\$      | 2,261   | 4.59%          | -\$      | 79       | -\$        | 22,949           |
| Apr-07           | -\$        | 22,949           | -\$      | 2,258   | 4.59%          | -\$      | 88       | -\$        | 25,295           |
| May-07           | -\$        | 25,295           | -\$      | 2,236   | 4.59%          | -\$      | 97       | -\$        | 27,628           |
| Jun-07           | -\$        | 27,628           | -\$      | 2,259   | 4.59%          | -\$      | 106      | -\$        | 29,993           |
| Jul-07           | -\$        | 29,993           | -\$      | 2,256   | 4.59%          | -\$      | 115      | -\$        | 32,363           |
| Aug-07           | -\$        | 32,363           | -\$      | 2,258   | 4.59%          | -\$      | 124      | -\$        | 34,745           |
| Sep-07           | -\$        | 34,745           | -\$      | 2,264   | 4.59%          | -\$      | 133      | -\$        | 37,142           |
| Oct-07           | -\$        | 37,142           | -\$      | 2,263   | 5.14%          | -\$      | 159      | -\$        | 39,564           |
| Nov-07           | -\$        | 39,564           | -\$      | 2,270   | 5.14%          | -\$      | 169      | -\$        | 42,003           |
| Dec-07           | -\$        | 42,003           | -\$      | 2,261   | 5.14%          | -\$      | 180      | -\$        | 44,444           |
| Jan-08           | -\$        | 44,444           | -\$      | 2,281   | 5.14%          | -\$      | 190      | -\$        | 46,915           |
| Feb-08           | -\$        | 46,915           | -\$      | 2,275   | 5.14%          | -\$      | 201      | -\$        | 49,391           |
| Mar-08           | -\$        | 49,391           | -\$      | 2,284   | 5.14%          |          | 212      | -\$        | 51,887           |
| Apr-08           | -\$        | 51,887           | -\$      | 2,297   | 4.08%          | -\$      | 176      | -\$        | 54,360           |
| May-08           | -\$        | 54,360           | -\$      | 2,286   | 4.08%          |          | 185      | -\$        | 56,831           |
| Jun-08           | -\$        | 56,831           | -\$      | 2,286   | 4.08%          | -\$      | 193      | -\$        | 59,311           |
| Jul-08           | -\$        | 59,311           | -\$      | 2,292   | 3.35%          |          | 166      | -\$        | 61,768           |
| Aug-08           | -\$        | 61,768           | -\$      | 2,286   | 3.35%          |          | 172      | -\$        | 64,226           |
| Sep-08           | -\$        | 64,226           | -\$      | 2,302   | 3.35%          |          | 179      | -\$        | 66,708           |
| Oct-08           | -\$        | 66,708           | -\$      | 2,310   | 3.35%          |          | 186      | -\$        | 69,204           |
| Nov-08           | -\$        | 69,204           | -\$      | 2,314   | 3.35%          |          | 193      | -\$        | 71,711           |
| Dec-08           | -\$        | 71,711           | -\$      | 2,319   | 3.35%          |          | 200      | -\$        | 74,230           |
| Jan-09           | -\$        | 74,230           | \$       | -       | 2.45%          |          | 152      | -\$        | 74,382           |
| Feb-09           | -\$        | 74,382           | \$       | -       | 2.45%          |          | 152      | -\$        | 74,534           |
| Mar-09           | -\$        | 74,534           | \$       | -       | 2.45%          |          | 152      | -\$        | 74,686           |
| Apr-09           | -\$        | 74,686           | \$       | -       | 1.00%          |          | 62       | -\$        | 74,748           |
| May-09           | -\$        | 74,748           | \$       | -       | 1.00%          |          | 62       | -\$        | 74,810           |
| Jun-09           | -\$        | 74,810           | \$       | -       | 1.00%          |          | 62       | -\$        | 74,873           |
| Jul-09           | -\$        | 74,873           | \$       | -       | 0.55%          |          | 34       | -\$        | 74,907           |
| Aug-09           | -\$        | 74,907           | \$       | -       | 0.55%          |          | 34       | -\$        | 74,941           |
| Sep-09           | -\$        | 74,941           | \$<br>\$ | -       | 0.55%          |          | 34       | -\$        | 74,976           |
| Oct-09           | -\$<br>-\$ | 74,976           | \$<br>\$ | -       | 0.55%          |          | 34       | -\$<br>-\$ | 75,010           |
| Nov-09           |            | 75,010           |          | -       | 0.55%          |          | 34       | -\$<br>-\$ | 75,044           |
| Dec-09<br>Jan-10 | -\$<br>-\$ | 75,044           | \$<br>\$ | -       | 0.55%<br>0.55% |          | 34<br>34 | -\$<br>-\$ | 75,079           |
| Feb-10           | -ъ<br>-\$  | 75,079<br>75,113 | ъ<br>\$  | -       | 0.55%          |          | 34<br>34 | -⊅<br>-\$  | 75,113<br>75,148 |
| Mar-10           | -ъ<br>-\$  | 75,113           | ъ<br>\$  |         | 0.55%          |          | 34<br>34 | -⊅<br>-\$  | 75,148<br>75,182 |
| Apr-10           | -5<br>-\$  | 75,146           | ф<br>\$  |         | 0.55%          |          | 34<br>34 | -⊅<br>-\$  | 75,162           |
| Api-10           | -φ         | 75,102           | φ        |         | 0.00%          | Ψ        | 34       | -φ         | 13,211           |

|         | Prescribed Interest Rate | Prescribed Interest |  |  |  |  |  |
|---------|--------------------------|---------------------|--|--|--|--|--|
|         | (per the Bankers'        | Rate (per the DEX   |  |  |  |  |  |
|         | Acceptances-3 months     | Mid Term Corporate  |  |  |  |  |  |
|         | Plus 0.25 Spread)        | Bond Index Yield 2) |  |  |  |  |  |
| Q2 2006 | 4.14                     | 4.68                |  |  |  |  |  |
| Q3 2006 | 4.59                     | 5.05                |  |  |  |  |  |
| Q4 2006 | 4.59                     | 4.72                |  |  |  |  |  |
| Q1 2007 | 4.59                     | 4.72                |  |  |  |  |  |
| Q2 2007 | 4.59                     | 4.72                |  |  |  |  |  |
| Q3 2007 | 4.59                     | 5.18                |  |  |  |  |  |
| Q4 2007 | 5.14                     | 5.18                |  |  |  |  |  |
| Q1 2008 | 5.14                     | 5.18                |  |  |  |  |  |
| Q2 2008 | 4.08                     | 5.18                |  |  |  |  |  |
| Q3 2008 | 3.35                     | 5.43                |  |  |  |  |  |
| Q4 2008 | 3.35                     | 5.43                |  |  |  |  |  |
| Q1 2009 | 2.45                     | 6.61                |  |  |  |  |  |
| Q2 2009 | 1                        | 6.61                |  |  |  |  |  |
| Q3 2009 | 0.55                     | 5.67                |  |  |  |  |  |
| Q4 2009 | 0.55                     | 4.66                |  |  |  |  |  |
| Q1 2010 | 0.55                     | 4.34                |  |  |  |  |  |