British Columbia Utilities Commission

Attention: Ms. Erica M. Hamilton, Commission Secretary
Dear Ms. Hamilton:

## Re: Terasen Gas Inc. - Lower Mainland, Inland, and Columbia Service Areas Commodity Cost Reconciliation Account ("CCRA") and Midstream Cost Reconciliation Account ("MCRA") Quarterly Gas Costs, including Customer Choice Deferral Cost Recovery and Delivery Rate Amendment 2010 Fourth Quarter Gas Cost Report

The attached materials provide the Terasen Gas Inc. ("Terasen Gas" or the "Company") 2010 Fourth Quarter Gas Cost Report (the "Fourth Quarter Report") for the CCRA and MCRA deferral accounts as required under British Columbia Utilities Commission (the "Commission") guidelines.

Terasen Gas continues to work with the Commission staff to finalize the review of the CCRA and MCRA deferral account mechanisms and the forecasting methodology. Terasen Gas continues to support the use of the existing Commission Guidelines for Setting Gas Recovery Rates and Managing the Gas Cost Reconciliation Account Balance (the "Guidelines") issued as Appendix I to Commission Letter No. L-5-01, dated February 5, 2001. Further, Terasen Gas believes the Guidelines provide an appropriate review and rate setting mechanism for the circumstances encountered in the Fourth Quarter Report.

## CCRA and MCRA Deferral Accounts

Based on the five-day average of the November 17, 18, 19, 22, and 23, 2010 forward prices ("five-day average forward prices ending November 23, 2010"), the December 31, 2010 CCRA balance is projected to be approximately $\$ 17$ million surplus (after tax). Further, based on the five-day average forward prices ending November 23, 2010, the gas purchase cost assumptions, and the forecast commodity cost recoveries at present rates for the 12 -month period ending December 31, 2011, and accounting for the projected December 31, 2010 deferral balance, the CCRA trigger ratio is calculated to be 109.1\% (Tab 1, Page 1, Column 10, Lines 36/37). The ratio falls outside the deadband range of $95 \%$ to $105 \%$, indicating that a rate change is required at this time.

Based on the five-day average forward prices ending November 23, 2010, the December 31, 2010 MCRA balance is projected to be approximately $\$ 5$ million surplus (after tax). Further, based on the five-day average forward prices ending November 23, 2010, the midstream gas supply cost assumptions, the forecast midstream cost recoveries at present rates, and the projected December 31, 2010 deferral balance, the

MCRA balance at December 31, 2011 is forecast to be approximately $\$ 25$ million surplus (after-tax), as shown at Tab 1, Page 2. The MCRA surplus balances indicate that midstream rates are currently, and during 2011 will continue to, over recover costs, and that midstream rates should be decreased effective January 1, 2011.

Tab 2 provides the information related to the allocation of the forecast CCRA and MCRA gas supply costs based on the five-day average forward prices ending November 23, 2010 to the sales rate classes. The schedule at Tab 2, Page 1, indicates the decrease effective January 1, 2011 required to the Cost of Gas (Commodity Cost Recovery Charge) to eliminate the forecast over-recovery of the 12-month CCRA gas purchase costs and to amortize the projected December 31, 2010 surplus balance in the CCRA deferral account. The revised Commodity Cost Recovery Charge, based on the flowthrough calculation, for the sales rate classes within the Lower Mainland, Inland, and Columbia Service Areas is shown at Tab 2, Page 1, Column 2, Line 36. The Commodity Cost Recovery Charge would decrease by $\$ 0.408 / \mathrm{GJ}$, from $\$ 4.976 / \mathrm{GJ}$ to $\$ 4.568 / \mathrm{GJ}$, effective January 1, 2011. The schedules at Tab 2, Pages 2 to 4, indicate the decreases required to the midstream rates, effective January 1, 2011, to eliminate the forecast over-recovery of the 12-month MCRA gas supply costs and to amortize the projected December 31, 2010 deferral balance. The Midstream Cost Recovery Charge for Lower Mainland Residential customers would decrease by $\$ 0.302 / \mathrm{GJ}$, from $\$ 1.642 / \mathrm{GJ}$ to \$1.340/GJ, effective January 1, 2011.

Tab 3, Pages 1 to 4, provide the monthly CCRA and MCRA deferral balances based on the five-day average forward prices ending November 23, 2010 with the proposed changes to the commodity and midstream rates, effective January 1, 2011. Terasen Gas will continue to monitor the forward prices, and will report CCRA and MCRA balances in its 2011 First Quarter Gas Cost Report. The Company's position remains that midstream revenues and costs be reported on a quarterly basis and, under normal circumstances, midstream rates be adjusted on an annual basis with a January 1 effective date.

## Customer Choice Deferred Cost Recovery - Rate Rider 8

Pursuant to Commission Order No. G-154-09 dated December 10, 2009, the Residential Commodity Unbundling Deferred Cost Recovery Rate Rider was set at \$0.083/GJ and the Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider was set at a credit amount of $\$ 0.008 / G J$, effective January 1, 2010.

Terasen Gas has reviewed the actual and forecast costs and recoveries related to the Residential and Commercial Commodity Unbundling deferral accounts and Terasen Gas proposes the following changes effective January 1, 2011.

## Residential Commodity Unbundling Capital and O\&M Deferral Accounts

The summary of the Residential Commodity Unbundling Capital and O\&M deferral account balances, net of marketer transaction fee recoveries, and amortization of those amounts, including any applicable Allowance for Funds Utilized During Construction
("AFUDC"), to the eligible residential customers are shown in the schedules attached as Tab 4, Pages 1 and 2.

Pursuant to Commission Order No. C-6-06, dated August 14, 2006, and the accompanying Commission Decision regarding the Residential Commodity Unbundling Project for Residential Customers Certificate of Public Convenience and Necessity Application, the Residential Commodity Unbundling Capital expenditures, including AFUDC, were afforded deferral account treatment using a three-year amortization period which would end December 31, 2010. As shown on the schedule at Tab 4, Page 1, the projected Residential Commodity Unbundling Capital deferral balance at December 31, 2010 is approximately $\$ 39,900$, and the 12 -month amortization amount related to the small residual balance would be less than $\$ 0.001 / \mathrm{GJ}$. Therefore, Terasen Gas herein requests Commission approval to transfer the residual balance in the Residential Commodity Unbundling Capital deferral account at December 31, 2010 to the Residential Commodity Unbundling O\&M deferral account and to close the Residential Commodity Unbundling Capital deferral account after December 31, 2010. The small residual balance related to the Residential Commodity Unbundling Capital expenditures will still be recovered from eligible customers via Rate Rider 8 and captured in the Residential Commodity Unbundling O\&M deferral account.

Terasen Gas also requests the Residential Commodity Unbundling Deferred Cost Recovery Rate Rider be reset from $\$ 0.083 / G J$ to $\$ 0.009 / G J$, effective January 1, 2011, (Tab 4, Page 1, Column 2, Line 13). The proposed $\$ 0.009 / \mathrm{GJ}$ rate rider amount will be applicable to all residential customers eligible to participate in the Customer Choice program (Rate Schedules 1, 1U, and 1X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson).

## Commercial Commodity Unbundling O\&M Deferral Account

The summary of the Commercial Commodity Unbundling O\&M deferral account balances and amortization of those amounts, including any applicable AFUDC, to the eligible commercial customers are shown in the schedule attached as Tab 4, Page 3. As shown on that schedule, the forecast Commercial Commodity Unbundling O\&M deferral balance at December 31, 2011, based on the projected balance at December 31,2010 and the forecast 2011 activity, is approximately $\$ 12,600$. The 12-month amortization amount calculated on this small balance is $\$ 0.0004 / \mathrm{GJ}$ which indicates that the Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider should be set to zero effective January 1, 2011.

Terasen Gas requests the Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider be reset from the credit amount of \$0.008/GJ to zero, effective January 1, 2011, (Tab 4, Page 3, Column 2, Line 13). Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider is applicable to all commercial customers eligible to participate in the Customer Choice program (Rate Schedules 2, 2U, 2X, 3, 3U, and 3X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson).

## Delivery Margin Related Charges

Terasen Gas 2011 delivery rates have been set pursuant to Commission Order No. G-141-09 and Order No. G-158-09, approving the Terasen Gas Negotiated Settlement Agreement ("NSA") for its 2010-2011 Revenue Requirements Application and the Terasen Utilities Return on Equity and Capital Structure ("ROE") Application, respectively. The NSA contains a provision in Section 29, items (b) and (c) that requires the Earnings Sharing Mechanism ("ESM") Rate Rider (Rider 3) and the Revenue Stabilization Adjustment Mechanism ("RSAM") Rate Rider (Rider 5) be updated effective January 1, 2011 at the same time the Company submits its 2010 Fourth Quarter Gas Cost Report.

Commission Orders No. G-141-09 and No. G-158-09 also provide for approval of the increases to the variable per GJ Delivery Charge and the elimination of the 2009 ROE Rate Rider (Rider 2) charge, effective January 1, 2011.

## ESM Rate Rider (Rider 3) and RSAM Rate Rider (Rider 5)

Terasen Gas has updated the calculation of the ESM Rate Rider and has determined that a refund of $\$ 5.4$ million should be amortized to all non-bypass customers over the twelve month period beginning January 1, 2011 (Tab 5, Schedule 1, Line 10). This refund includes the true-up for the actual Earnings Sharing and Capital Efficiency Mechanism amounts. The credit ESM Rate Rider (Rider 3) for Lower Mainland Residential customers would have the effect of decreasing rates by $\$ 0.008 / \mathrm{GJ}$, changing from the current credit amount of $\$ 0.040 / \mathrm{GJ}$ to a credit amount of $\$ 0.048 / \mathrm{GJ}$, effective January 1, 2011. Please refer to Tab 5, Schedule 1 and Schedule 2 for a detailed calculation of the 2011 ESM Rate Rider.

The projected December 31, 2010 balance of the combined RSAM and RSAM Interest accounts is $\$ 5.1$ million owing to customers and results in a credit rider of $\$ 0.020 / \mathrm{GJ}$ (Tab 5, Schedule 1, Line 18) effective January 1, 2011 and applicable to Residential and Commercial rate classes. The credit RSAM Rate Rider (Rider 5) would have the effect of increasing rates by $\$ 0.033 / \mathrm{GJ}$, changing from the current credit amount of $\$ 0.053 / \mathrm{GJ}$ to a credit amount of $\$ 0.020 / \mathrm{GJ}$. Please refer to Tab 5, Schedule 1 for a detailed calculation of the 2011 RSAM Rate Rider.

Tabs 6 and 7 provide the tariff continuity and bill impact schedules. The tariff continuity and bill impact schedules within the Terasen Gas 2010 Fourth Quarter Gas Cost Report have been prepared showing the combined effects of the approved delivery related rate changes effective January 1, 2011, the proposed delivery related ESM Rate Rider (Rider 3) and RSAM Rate Rider (Rider 5) changes effective January 1, 2011, and the proposed changes to the commodity and midstream rates, including the Residential and Commercial Commodity Unbundling Deferred Cost Recovery Rate Riders (Rider 8), effective January 1, 2011.

In summary, Terasen Gas requests approval of the following changes effective January 1, 2011:

- Approval to decrease the Commodity Cost Recovery Charge to the rate proposed for the sales rate classes as shown in the schedule at Tab 2, Page 1 effective January 1, 2011.
- Approval to decrease the Midstream Cost Recovery Charge to the rates proposed for the sales rate classes as shown in the schedules at Tab 2, Pages 2 to 4 effective January 1, 2011.
- Approval to transfer the residual balance in the Residential Commodity Unbundling Capital deferral account at December 31, 2010 to the Residential Commodity Unbundling O\&M deferral account, and to close the Residential Commodity Unbundling Capital deferral account after December 31, 2010.
- Approval to reset Rate Rider 8 (Residential Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 1, 1U, and 1X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, at \$0.009/GJ effective January 1, 2011.
- Approval to reset Rate Rider 8 (Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 2, 2U, 2X, 3, 3U, and $3 X$ customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, to zero effective January 1, 2011.
- Approval to reset the ESM Rate Rider (Rider 3) to the amounts proposed for all non-bypass customer rate classes as shown in the schedule at Tab 5, Schedule 1 effective January 1, 2011.
- Approval to reset the RSAM Rate Rider (Rider 5) to the amount proposed for the residential and commercial rate classes as shown in the schedule at Tab 5, Schedule 1 effective January 1, 2011.

The approved and proposed aggregate rate changes, effective January 1, 2011, would decrease Lower Mainland Rate Schedule 1 rates by $\$ 0.722 / G J$, and result in a decrease to a typical Lower Mainland Residential customer's annual bill, with an average consumption of 95 GJ , of approximately $\$ 69$ or $6.4 \%$.

We trust that the Commission will find this filing in order. If there are any questions regarding this filing, please contact Brian Noel at 604-592-7467.

All of which is respectfully submitted.
Sincerely,

## TERASEN GAS INC.

## Original signed by:

Diane Roy
Attachments


[^0](1*) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts (Jan 1, 2010, 28.5\%, Jan 1, 2011, 26.5\%, and Jan 1, 2012, 25.0\%),
(2*) For rate setting purpose CCRA pre-tax balances include grossed up projected deferred interest as at December 31, 2010
$\left(3^{*}\right)$ For rate setting purpose CCRA after tax balances are independently grossed-up to reflect pre-tax amounts.

TERASEN GAS INC. - LOWER MAINLAND, INLAND AND COLUMBIA SERVICE AREAS
MCRA MONTHLY BALANCES AT EXISTING RATES (AFTER VOLUME ADJUSTMENTS)
Page 2
FOR THE FORECAST PERIOD JANUARY 1, 2011 TO DECEMBER 31, 2012

## FIVE-DAY AVERAGE FORWARD PRICES - NOVEMBER 17,18,19,22 AND 23, 2010

 \$(Millions)Line
No.

$$
\begin{aligned}
& 1 \\
& 2
\end{aligned}
$$

MCRA Balance - Beginning (Pre-tax) ${ }^{\left({ }^{(*)}\right.}$
Gas Costs Incurred
Revenue from EXISTING Recovery Rates MCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$

MCRA Balance - Ending (After-tax) ${ }^{\left(3^{*}\right)}$






MCRA Balance - Beginning (Pre-tax) ${ }^{\left({ }^{(4)}\right)}$
Gas Costs Incurred
Revenue from EXISTING Recovery Rates MCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$


MCRA Balance - Ending (After-tax) ${ }^{\left(3^{*}\right)}$
tes: Slight differences in totals due to rounding.
(1*) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts (Jan 1, 2010, 28.5\%, Jan 1, 2011, 26.5\%, Jan 1, 2012, 25.0\%).
$\left(2^{*}\right)$ For rate setting purpose MCRA pre-tax balances include grossed up projected deferred interest as at December 31, 2010.
$\left(3^{*}\right)$ For rate setting purpose MCRA after tax balances are independently grossed-up to reflect pre-tax amounts.




FIVE-DAY AVERAGE FORWARD PRICES - NOVEMBER 17,18,19,22 AND 23, 2010

| Line No. | Particulars | Delivered Volumes (TJ) |  | $\begin{aligned} & \text { Costs } \\ & \text { (\$ 000) } \end{aligned}$ |  | Unit Cost (\$/GJ) | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | (1) CCRA | (2) |  | (3) |  | (4) | (5) |
| 2 | TERM / SEASONAL / SPOT PURCHASES |  |  |  |  |  |  |
| 3 | Hunt | 14,438.0 | \$ | 59,520 | \$ | 4.122 |  |
| 4 | Station \#2 | 63,527.0 |  | 234,466 |  | 3.691 |  |
| 5 | AECO | 14,438.0 |  | 54,904 |  | 3.803 |  |
| 6 | TOTAL | 92,403.0 |  | 348,890.0 | \$ | 3.776 |  |
| 7 | OTHER STATION \#2 SUPPLY |  |  |  |  |  |  |
| 8 | Commodity - Ft. Nelson Plant | 3,850.1 |  | 14,066 | \$ | 3.653 |  |
| 9 | Transportation - TNLH | - |  | 1,208 |  | - |  |
| 10 | TOTAL | 3,850.1 |  | 15,274.0 | \$ | 3.967 |  |
| 11 |  |  |  |  |  |  |  |
| 12 | TOTAL CCRA COMMODITY | 96,253.1 |  | 364,164 | \$ | 3.783 |  |
| 13 |  |  |  |  |  |  |  |
| 14 | HEDGING (GAIN)/LOSS |  |  | 89,259 |  |  |  |
| 15 | CCRA ADMINISTRATION COSTS |  |  | 1,083 |  |  |  |
| 16 | FUEL-IN-KIND |  |  | 8,868 |  |  | Fuel volume 2,533.38 TJ at \$3.500 / GJ |
| 17 | TOTAL CCRA - MARKETABLE GAS | 96,253.1 | \$ | 463,374 | \$ | 4.814 |  |
| 18 | MCRA |  |  |  |  |  |  |
| 19 | MCRA COMMODITY |  |  |  |  |  |  |
| 20 | TOTAL MCRA COMMODITY | 31,536 | \$ | 113,357 | \$ | 3.595 |  |
| 21 |  |  |  |  |  |  |  |
| 22 | PEAKING |  | \$ | - | \$ | - |  |
| 23 |  |  |  |  |  |  |  |
| 24 | TRANSPORTATION |  |  |  |  |  |  |
| 25 | WEI |  | \$ | 84,039 |  |  |  |
| 26 | NOVA/ANG |  | \$ | 13,391 |  |  |  |
| 27 | NWP |  |  | 5,374 |  |  |  |
| 28 | TOTAL TRANSPORTATION |  | \$ | 102,805 |  |  |  |
| 29 | Storage gas |  |  |  |  |  |  |
| 30 | Injection |  |  |  |  |  |  |
| 31 | BC (Aitken) | $(20,138.7)$ | \$ | $(109,353)$ | \$ | 5.430 | Includes LNG |
| 32 | Alberta (Carbon) | $(2,965.3)$ |  | $(15,731)$ |  | 5.305 |  |
| 33 | Downstream (JP/Mist) | $(4,478.7)$ |  | $(25,494)$ |  | 5.692 |  |
| 34 | TOTAL INJECTION | (27,582.7) | \$ | $(150,578)$ | \$ | 5.459 |  |
| 35 | Withdrawal |  |  |  |  |  |  |
| 36 | BC (Aitken) | 17,734.9 | \$ | 109,128 | \$ | 6.153 | Includes LNG |
| 37 | Alberta (Carbon) | 2,935.9 |  | 16,577 |  | 5.646 |  |
| 38 | Downstream (JP/Mist) | 4,328.3 |  | 27,718 |  | 6.404 |  |
| 39 | TOTAL WITHDRAWAL | 24,999.1 | \$ | 153,423 | \$ | 6.137 |  |
| 40 | Storage Demand Charges (fixed only) |  |  |  |  |  |  |
| 41 | BC (Aitken) |  | \$ | 30,106 |  |  |  |
| 42 | Alberta (Carbon) |  |  | 3,750 |  |  |  |
| 43 | Downstream (JP/Mist) |  |  | 16,545 |  |  |  |
| 44 | TOTAL DEMAND CHARGE |  | \$ | 50,401 |  |  |  |
| 45 | NET STORAGE |  | \$ | 53,247 |  |  |  |
| 46 | MITIGATION |  |  |  |  |  |  |
| 47 | Resale Commodity | (25,959.2) | \$ | $(110,318)$ | \$ | 4.250 | Both on/off system sales of surplus term \& storage gas |
| 48 | Mitigation of Assets |  |  | $(9,751)$ |  |  | Includes transportation \& storage |
| 49 | TOTAL MITIGATION |  |  | $(120,069)$ |  |  |  |
| 50 |  |  |  |  |  |  |  |
| 51 | COMPANY USE GAS \& IMBALANCE | - | \$ | $(1,437)$ |  |  |  |
| 52 | GSMIP |  |  | 1,000 |  |  | 2010/2011 GISMIP - approval pending |
| 53 | MCRA ADMINISTRATION COSTS |  |  | 2,528 |  |  |  |
| 54 | HEDGING (GAIN)/LOSS |  |  | 410 |  |  |  |
| 55 | TOTAL MCRA - CORE |  | \$ | 151,841 | \$ | 1.327 |  |
| 56 | Core Sales Volume | 114,409.5 |  |  |  |  |  |
| 57 | TOTAL BUDGET |  | \$ | 615,215 |  |  |  |

Note: Gas Budget Cost Summary reflects the amalgamation to the Terasen Gas (Whistler) Inc. ("TGW") and TGI gas supply portfolios.

TERASEN GAS INC. - LOWER MAINLAND, INLAND AND COLUMBIA SERVICE AREAS
FOR THE FORECAST PERIOD JANUARY 1, 2011 TO DECEMBER 31, 2011 FIVE-DAY AVERAGE FORWARD PRICES - NOVEMBER 17,18,19,22 AND 23, 2010 \$(Millions)


Terasen Gas Inc. - Lower Mainland, Inland and Columbia
Recorded to October 2010 and Projected to December 2012




TERASEN GAS INC. - LOWER MAINLAND SERVICE AREA AND SUMMARY MIDSTREAM COST RECOVERY CHARGE FLOW-THROUGH BY RRAEE SCHEDULE
FOR THE FORECAST PERIOD JANUARY 1 , 2011 to DECEMBE 31,2011 FIVE-DAY AVERAGE FORWARD PRICES - NOVEMBER 17,18,19,22 AND 23, 2010


| $\begin{aligned} & \text { Lin } \\ & \text { No. } \end{aligned}$ | Particulars | Unit |  | Residential <br> RS-1 |  | $\begin{gathered} \text { Comme } \\ \mathrm{RS}-2 \end{gathered}$ |  | RS-3 |  | General Firm Service RS-5 |  | $\begin{aligned} & \text { NGV } \\ & \text { RS-6 } \end{aligned}$ |  | Subtotal |  | easonal RS-4 |  | General terruptible RS-7 |  | $\begin{aligned} & \text { Inland } \\ & \text { RS-1 to RS-7 } \\ & \text { Total } \end{aligned}$ | Term \& Spot Gas Sales RS-14 | Off-System Interruptible Sales RS-30 |  | Inland 1 to RS-7, \& RS-14 Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }^{(1)}$ |  |  | ${ }^{(2)}$ |  | (3) |  | (4) |  | (5) |  | ${ }^{(6)}$ |  | ${ }^{(7)}$ |  | ${ }^{(8)}$ |  | (9) |  | (10) | (11) | (12) |  | (13) |
| $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | InLAND SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Midstream (MCRA) Sales Volumes (TJ) | TJ |  | 15,488.9 |  | 5,774.5 |  | 2,740.0 |  | 415.5 |  | 11.7 |  | 24,430.5 |  | 96.7 |  | 22.7 |  | 24,549.9 | 223.6 | - |  | 24,773.5 |
| 4 | MCRA Gas Costs Incurred |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Midstream Commodity Costs | \$000 |  | $(1,024.5)$ | \$ | (382.0) | + | (181.2) | \$ | (27.5) | \$ | (0.8) | \$ | $(1,615.9)$ | \$ | 0.3 | \$ | 0.1 | \$ | $(1,615.5)$ | \$ 1,049.6 | \$ - | \$ | (565.9) |
| 8 | Midstream Tolls and Fees | \$000 |  | 78.1 |  | 29.1 |  | 13.8 |  | 2.1 |  | 0.1 |  | 123.2 |  | 0.4 |  | 0.1 |  | 123.7 | 30.2 | - |  | 153.9 |
| 9 | Midstream Mark to Market- Hedges Loss / (Gain) | \$000 |  | 56.3 |  | 21.0 |  | 10.0 |  | 1.5 |  | 0.0 |  | 88.8 |  | (0.0) |  | - |  | 88.8 | - | - |  | 88.8 |
| 10 | Subtotal Midstream Variable Costs | \$000 |  | (890.1) | \$ | (331.8) | \$ | (157.5) | \$ | (23.9) | \$ | (0.7) | \$ | $(1,403.9)$ | \$ | 0.7 | \$ | 0.2 |  | (1,403.1) | \$ 1,079.8 | \$ - | \$ | (323.3) |
| 11 | Midstream Storage - Fixed | \$000 |  | 7,195.8 | \$ | 2,656.9 | \$ | 979.7 | \$ | 113.5 | \$ | 1.6 | \$ | 10,947.5 | \$ | - | \$ | - | \$ | 10,947.5 | \$ - | \$ - | \$ | 10,947.5 |
| 12 | On/Off System Sales (RS-14 \& RS-30) | \$000 |  | 2,194.6 |  | 810.3 |  | 298.8 |  | 34.6 |  | 0.5 |  | 3,338.8 |  | . |  | - |  | 3,338.8 |  | - |  | 3,338.8 |
| 13 | GSMIP Incentive Sharing | \$000 |  | 142.8 |  | 52.7 |  | 19.4 |  | 2.3 |  | 0.0 |  | 217.2 |  | - |  | - |  | 217.2 |  |  |  | 217.2 |
| 14 | Pipeline Demand Charges | \$000 |  | 12,410.8 |  | 4,582.5 |  | 1,689.7 |  | 195.8 |  | 2.7 |  | 18,881.6 |  | - |  | - |  | 18,881.6 | - | - |  | 18,881.6 |
| 15 | Core Administration Costs - 70\% | \$000 |  | 360.9 |  | 133.2 |  | 49.1 |  | 5.7 |  | 0.1 |  | 549.0 |  | . |  | . |  | 549.0 | . | - |  | 549.0 |
| 16 | Subtotal Midstream Fixed Costs | \$000 |  | 22,304.9 | \$ | 8,235.7 | \$ | 3,036.7 | \$ | 351.8 | \$ | 4.9 | \$ | 33,934.1 | \$ | - | \$ | - |  | 33,934.1 | \$ - | \$ - | \$ | 33,934.1 |
| 17 | Total Incurred Costs before MCRA deferral amortization | \$000 |  | 21,414.8 | \$ | 7,903.9 | \$ | 2,879.3 | \$ | 327.9 | \$ | 4.3 |  | 32,530.2 | \$ | 0.7 | \$ | 0.2 | \$ | 32,531.0 | \$ 1,079.8 | \$ - | \$ | 33,610.9 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Pre-tax Amort. MCRA Deficit/(Surplus) as of Jan 1, 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | TGI Excl. Whistler Remaining Unamortized Dec 31/09 Balance | \$000 |  | (393.4) | \$ | (145.2) | \$ | (53.6) | \$ | (6.2) | \$ | (0.1) | \$ | (598.5) | \$ | - | \$ | - | \$ | (598.5) | \$ - | \$ - | \$ | (598.5) |
| 21 | TGI Incl. Whistler Accumulated Unamortized Balance Since Jan 1/10 | \$000 |  | (659.0) |  | (243.3) |  | (89.7) |  | (10.4) |  | (0.1) |  | $(1,002.6)$ |  | - |  | - |  | $(1,002.6)$ | - | - |  | $(1,002.6)$ |
| 22 | Total Pre-tax Amort. MCRA Deficit/(Surplus) as of Jan 1, 2011 | \$000 |  | $(1,052.4)$ | \$ | (388.6) | \$ | (143.3) | \$ | (16.6) | \$ | (0.2) |  | $(1,601.1)$ | \$ | - | \$ | - | \$ | $(1,601.1)$ | \$ - | \$ - | \$ | (1,601.1) |
| 23 24 | Total MCRA Incurred Costs | \$000 |  | 20,362.4 | \$ | 7,515.3 | \$ | 2,736.0 | \$ | 311.3 | \$ |  |  | 30,929.1 | \$ | 0.7 | \$ | 0.2 |  | 30,930.0 | \$ 1,079.8 | \$ . | \$ | 32,009.8 |
| 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27 | Midstream Cost Recovery Charge (\$/GJ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | Midstream Commodity Costs | \$/GJ | \$ | (0.0661) | \$ | (0.0661) | \$ | (0.0661) | \$ | (0.0661) | \$ | (0.0661) |  | (0.0661) |  |  |  |  |  |  |  |  |  |  |
| 29 | Midstream Tolls and Fees | \$/GJ |  | 0.0050 |  | 0.0050 |  | 0.0050 |  | 0.0050 |  | 0.0050 |  | 0.0050 |  |  |  |  |  |  |  |  |  |  |
| 30 | Midstream Mark to Market- Hedges Loss / (Gain) | \$/GJ |  | 0.0036 |  | 0.0036 |  | 0.0036 |  | 0.0036 |  | 0.0036 |  | 0.0036 |  |  |  |  |  |  |  |  |  |  |
| 31 | Subtotal Midstream Variable Costs | \$/GJ | \$ | (0.0575) | \$ | (0.0575) | \$ | (0.0575) | \$ | (0.0575) | \$ | (0.0575) |  | (0.0575) |  |  |  |  |  |  |  |  |  |  |
| 32 | Midstream Storage - Fixed | \$/GJ |  | 0.4646 | \$ | 0.4601 | \$ | 0.3576 | \$ | 0.2732 | \$ | 0.1366 |  | 0.4481 |  |  |  |  |  |  |  |  |  |  |
| 33 | On/Off System Sales (RS-14 \& RS-30) | \$/GJ |  | 0.1417 |  | 0.1403 |  | 0.1090 |  | 0.0833 |  | 0.0417 |  | 0.1367 |  |  |  |  |  |  |  |  |  |  |
| 34 | GSMIP Incentive Sharing | \$/GJ |  | 0.0092 |  | 0.0091 |  | 0.0071 |  | 0.0054 |  | 0.0027 |  | 0.0089 |  |  |  |  |  |  |  |  |  |  |
| 35 | Pipeline Demand Charges | \$/GJ |  | 0.8013 |  | 0.7936 |  | 0.6167 |  | 0.4711 |  | 0.2356 |  | 0.7729 |  |  |  |  |  |  |  |  |  |  |
| 36 | Core Administration Costs - 70\% | \$/GJ |  | 0.0233 |  | 0.0231 |  | 0.0179 |  | 0.0137 |  | 0.0068 |  | 0.0225 |  |  |  |  |  |  |  |  |  |  |
| 37 | Subtotal Midstream Fixed Costs | \$/GJ |  | 1.4401 | \$ | 1.4262 | \$ | 1.1083 | \$ | 0.8468 | \$ | 0.4234 | \$ | 1.3890 |  |  |  |  |  |  |  |  |  |  |
| 38 | Total Incurred Costs before MCRA deferral amortization | \$/GJ | \$ | 1.3826 | \$ | 1.3688 | \$ | 1.0508 | \$ | 0.7893 | \$ | 0.3659 |  | 1.3315 |  |  |  |  |  |  |  |  |  |  |
| 39 | TGI Excl. Whistler Remaining Unamortized Dec 31/09 Balance | \$/GJ |  | (0.0254) |  | (0.0252) |  | (0.0195) |  | (0.0149) |  | (0.0075) |  | (0.0245) |  |  |  |  |  |  |  |  |  |  |
| 40 | TGI Incl. Whistler Accumulated Unamortized Balance Since Jan 1/10 | \$/GJ |  | (0.0425) |  | (0.0421) |  | (0.0327) |  | (0.0250) |  | (0.0125) |  | (0.0410) |  |  |  |  |  |  |  |  |  |  |
| 41 | MCRA Gas Cost Incurred -- Flow-Through (\$/GJ) | \$/GJ | \$ 1.3146 |  | \$ 1.3015 |  | \$ 0.9986 |  | \$ 0.7493 |  | \$ 0.3459 |  | \$ 1.2660 |  |  |  |  |  |  |  |  |  |  |  |
| 42 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Fixed Price |  |  |  |  |  |  |
| 44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45 | Midstream Cost Recovery Charge (\$/GJ) |  |  |  |  |  |  |  |  |  |  |  |  |  | Equal To Rate 5 |  | Equal To Rate 5 |  |  |  |  |  |  |  |
| 46 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47 | Proposed Flow-Through |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | Midstream Cost Recovery Charge effective Jan 1, 2011 | \$/GJ | \$ | 1.315 | \$ | 1.301 | \$ | 0.999 | \$ | 0.749 | \$ | 0.346 | \$ | 1.266 | \$ | 0.749 | \$ | 0.749 |  |  |  |  |  |  |
| 49 | Existing Midstream Cost Recovery Charge (effective Jan 1, 2010) | \$/GJ |  | 1.621 |  | 1.615 |  | 1.274 |  | 0.950 |  | 0.464 |  | 1.569 |  | 0.950 |  | 0.950 |  |  |  |  |  |  |
| 50 | Midstream Cost Recovery Charge Increase / (Decrease) | \$/GJ | \$ | (0.306) | \$ | (0.314) | \$ | (0.275) | \$ | (0.201) | \$ | (0.118) | \$ | (0.303) | \$ | (0.201) |  | (0.201) |  |  |  |  |  |  |
| 51 | Midstream Cost Recovery Charge \% Increase / (Decrease) |  |  | -18.88\% |  | -19.44\% |  | -21.59\% |  | -21.16\% |  | -25.43\% |  | -19.31\% |  | -21.16\% |  | -21.16\% |  |  |  |  |  |  |



| (1) | (2) |  | (3) |  | (4) |  | (5) |  | (6) |  | (7) |  | (8) |  | (9) |  | (10) |  | (11) |  | (12) |  | (13) |  | (14) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Recorded } \\ \text { Jul-10 } \\ \hline \end{gathered}$ |  | $\begin{aligned} & \text { Recorded } \\ & \text { Aug-10 } \\ & \hline \end{aligned}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Sep-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Oct-10 } \\ \hline \end{gathered}$ |  | ProjectedNov-10 |  | Projected <br> Dec-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{+1}\right)}$ | \$ | (39) | \$ | (33) | \$ | (30) | \$ | (32) | \$ | (34) | \$ | (29) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gas Costs Incurred | \$ | 36 | \$ | 39 | \$ | 35 | \$ | 36 | \$ | 43 | \$ | 44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue from EXISTING Recovery Rates | \$ | (31) | \$ | (36) | \$ | (37) | \$ | (38) | \$ | (37) | \$ | (39) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | (33) | \$ | (30) | \$ | (32) | \$ | (34) | \$ | (29) | \$ | (24) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CCRA Balance - Ending (After-tax) ${ }^{\left(3^{*}\right)}$ | \$ | (23) | \$ | (21) | \$ | (23) | \$ | (24) | \$ | (21) | \$ | (17) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Forecast <br> Jan-11 |  | Forecast Feb-11 |  | Forecast Mar-11 |  | Forecast Apr-11 |  | Forecast May-11 |  | Forecast Jun-11 |  | Forecast Jul-11 |  | Forecast <br> Aug-11 |  | $\begin{gathered} \text { Forecast } \\ \text { Sep-11 } \\ \hline \end{gathered}$ |  | Forecast Oct-11 |  | Forecast Nov-11 |  | Forecast Dec-11 |  | $\begin{gathered} \text { Total } \\ \text { Jan-11 } \\ \text { to } \\ \text { Dec-11 } \\ \hline \end{gathered}$ |  |
| CCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{\text {( })}\right.}$ | \$ | (24) | \$ | (16) | \$ | (9) | \$ | (1) | \$ | (3) | \$ | (4) | \$ | (5) | \$ | (6) | \$ | (6) | \$ | (6) | \$ | (6) | \$ | (4) | \$ | (24) |
| Gas Costs Incurred | \$ | 45 | \$ | 41 | \$ | 45 | \$ | 35 | \$ | 36 | \$ | 35 | \$ | 37 | \$ | 37 | \$ | 36 | \$ | 38 | \$ | 38 | \$ | 41 | \$ | 463 |
| Revenue from PROPOSED Recovery Rates | \$ | (37) | \$ | (34) | \$ | (37) | \$ | (36) | \$ | (37) | \$ | (36) | \$ | (37) | \$ | (37) | \$ | (36) | \$ | (37) | \$ | (36) | \$ | (37) | \$ | (440) |
| CCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | (16) | \$ | (9) | \$ | (1) | \$ | (3) | \$ | (4) | \$ | (5) | \$ | (6) | \$ | (6) | \$ | (6) | \$ | (6) | \$ | (4) | \$ | (0) | \$ | (0) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CCRA Balance - Ending (After-tax) ${ }^{\left(3^{3+}\right)}$ | \$ | (12) | \$ | (7) | \$ | (1) | \$ | (2) | \$ | (3) | \$ | (4) | \$ | (4) | \$ | (4) | \$ | (5) | \$ | (4) | \$ | (3) | \$ | (0) | \$ | (0) |
|  |  | $\begin{aligned} & \text { cast } \\ & -12 \end{aligned}$ |  | $\begin{aligned} & \text { cast } \\ & -12 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \text { cast } \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \text { ecast } \\ & \hline \text { r-12 } \\ & \hline \end{aligned}$ |  |  |  | $\begin{gathered} \text { cost } \\ 6-12 \end{gathered}$ |  |  |  |  |  |  |  | $\begin{aligned} & \text { cast } \\ & -12 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \text { cast } \\ & -12 \end{aligned}$ |  | $\begin{aligned} & \text { cast } \\ & -12 \\ & \hline \end{aligned}$ |  | tal <br> $-12$ <br> -12 |
| CCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{+1}\right)}$ | \$ | (0) | \$ | 5 | \$ | 9 | \$ | 13 | \$ | 12 | \$ | 11 | \$ | 10 | \$ | 9 | \$ | 9 | \$ | 8 | \$ | 9 | \$ | 10 | \$ | (0) |
| Gas Costs Incurred | \$ | 43 | \$ | 40 | \$ | 42 | \$ | 35 | \$ | 36 | \$ | 35 | \$ | 37 | \$ | 37 | \$ | 36 | \$ | 38 | \$ | 38 | \$ | 41 | \$ | 458 |
| Revenue from PROPOSED Recovery Rates | \$ | (38) | \$ | (35) | \$ | (38) | \$ | (36) | \$ | (38) | \$ | (36) | \$ | (38) | \$ | (38) | \$ | (36) | \$ | (38) | \$ | (36) | \$ | (38) | \$ | (445) |
| CCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | 5 | \$ | 9 | \$ | 13 | \$ | 12 | \$ | 11 | \$ | 10 | \$ | 9 | \$ | ) | \$ | 8 | \$ | 9 | \$ | 10 | \$ | 13 | \$ | 13 |
| CCRA Balance - Ending (After-tax) ${ }^{\left(3^{3}\right)}$ |  |  |  |  |  |  | \$ |  |  |  |  |  | \$ |  |  | 6 |  |  |  |  |  |  |  |  |  |  |
| CCRA Balance - Ending (Atter-tax) | \$ | 4 | \$ | 7 | \$ | 10 |  | 9 | \$ | 8 | \$ | 7 |  | 7 | \$ | 6 | \$ | 6 | \$ | 6 | \$ | 8 | \$ | 10 | \$ | 10 |

Notes: Slight differences in totals due to rounding.
(1*) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts (Jan 1, 2010, 28.5\%, Jan 1, 2011, 26.5\%, and Jan 1, 2012, 25.0\%).
(2*) For rate setting purpose CCRA pre-tax balances include grossed up projected deferred interest as at December 31, 2010
(3) For rate setting purpose CCRA after tax balances are independently grossed-up to reflect pre-tax amounts.

Terasen Gas Inc. - Lower Mainland, Inland and Columbia
Recorded to October 2010 and Projected to December 2012


TERASEN GAS INC. - LOWER MAINLAND, INLAND AND COLUMBIA SERVICE AREAS MCRA MONTHLY BALANCES AT PROPOSED MCRA RATES (AFTER VOLUME ADJUSTMENTS)

FOR THE FORECAST PERIOD JANUARY 1, 2011 TO DECEMBER 31, 2012
FIVE-DAY AVERAGE FORWARD PRICES - NOVEMBER 17,18,19,22 AND 23, 2010 \$(Millions)

| (1) | (2) |  | (3) |  | (4) |  | (5) |  | (6) |  | (7) |  | (8) |  | (9) |  | (10) |  | (11) |  | (12) |  | (13) |  | (14) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Recorded } \\ \text { Jan-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Feb-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Mar-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Apr-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { May-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Jun-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Jul-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Aug-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Sep-10 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Recorded } \\ \text { Oct-10 } \\ \hline \end{gathered}$ |  | Projected <br> Nov-10 |  | $\begin{gathered} \text { Projected } \\ \text { Dec-10 } \\ \hline \end{gathered}$ |  | $\begin{aligned} & \text { Total } \\ & 2010 \\ & \hline \end{aligned}$ |  |
| MCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{*}\right)}$ | \$ | 29 | \$ | 23 | \$ | 12 | \$ | 3 | \$ | 4 | \$ | (6) | \$ | (3) | \$ | (9) | \$ | 14 | \$ | 8 | \$ | 27 | \$ | 16 | \$ | 29 |
| Gas Costs Incurred | \$ | 78 | \$ | 79 | \$ | 49 | \$ | 30 | \$ | 26 | \$ | (6) | \$ | 20 | \$ | 25 | \$ | 15 | \$ | 22 | \$ | 44 | \$ | 58 | \$ | 440 |
| Revenue from PROPOSED Recovery Rates | \$ | (84) | \$ | (90) | \$ | (58) | \$ | (29) | \$ | (36) | \$ | 8 | \$ | (26) | \$ | (1) | \$ | (22) | \$ | (4) | \$ | (54) | \$ | (79) | \$ | (473) |
| MCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | 23 | \$ | 12 | \$ | 3 | \$ | 4 | \$ | (6) | \$ | (3) | \$ | (9) | \$ | 14 | \$ | 8 | \$ | 27 | \$ | 16 | \$ | (8) | \$ | (8) |
| MCRA Balance - Ending (After-tax) ${ }^{\left({ }^{*}\right)}$ | \$ | 17 | \$ | 9 | \$ | 2 | \$ | 3 | \$ | (4) | \$ | (2) | \$ | (6) | \$ | 10 | \$ | 6 | \$ | 19 | \$ | 12 | \$ | (5) | \$ | (5) |
|  | Forecast <br> Jan-11 |  | Forecast <br> Feb-11 |  | Forecast <br> Mar-11 |  | Forecast <br> Apr-11 |  | Forecast May-11 |  | Forecast <br> Jun-11 |  | $\begin{gathered} \text { Forecast } \\ \text { Jul-11 } \\ \hline \end{gathered}$ |  | Forecast <br> Aug-11 |  | Forecast Sep-11 |  | Forecast Oct-11 |  | Forecast <br> Nov-11 |  | $\begin{gathered} \text { Forecast } \\ \text { Dec-11 } \\ \hline \end{gathered}$ |  | $\begin{aligned} & \text { Total } \\ & 2011 \\ & \hline \end{aligned}$ |  |
| MCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{*}\right)}$ | \$ | (7) | \$ | (23) | \$ | (33) | \$ | (40) | \$ | (41) | \$ | (36) | \$ | (26) | \$ | (12) | \$ | 5 | \$ | 16 | \$ | 20 | \$ | 13 | \$ | (7) |
| Gas Costs Incurred | \$ | 60 | \$ | 54 | \$ | 46 | \$ | 16 | \$ | (1) | \$ | (1) | \$ | (11) | \$ | (10) | \$ | (4) | \$ | 11 | \$ | 45 | \$ | 58 | \$ | 263 |
| Revenue from PROPOSED Recovery Rates | \$ | (75) | \$ | (64) | \$ | (53) | \$ | (17) | \$ | 6 | \$ | 11 | \$ | 26 | \$ | 26 | \$ | 16 | \$ | (8) | \$ | (52) | \$ | (71) | \$ | (256) |
| MCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | (23) | \$ | (33) | \$ | (40) | \$ | (41) | \$ | (36) | \$ | (26) | \$ | (12) | \$ | 5 | \$ | 16 | \$ | 20 | \$ | 13 | \$ | (0) | \$ | (0) |
| MCRA Balance - Ending (After-tax) ${ }^{\left({ }^{*}\right)}$ | \$ | (17) | \$ | (24) | \$ | (29) | \$ | (30) | \$ | (27) | \$ | (19) | \$ | (9) | \$ | 3 | \$ | 12 | \$ | 14 | \$ | 10 | \$ | (0) | \$ | (0) |
|  | Forecast <br> Jan-12 |  | $\begin{aligned} & \text { Forecast } \\ & \text { Feb-12 } \\ & \hline \end{aligned}$ |  | Forecast <br> Mar-12 |  | $\begin{aligned} & \text { Forecast } \\ & \text { Apr-12 } \\ & \hline \end{aligned}$ |  | Forecast May-12 |  | $\begin{gathered} \text { Forecast } \\ \text { Jun-12 } \end{gathered}$ |  | $\begin{gathered} \text { Forecast } \\ \text { Jul-12 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Forecast } \\ \text { Aug-12 } \\ \hline \end{gathered}$ |  | Forecast Sep-12 |  | $\begin{aligned} & \text { Forecast } \\ & \text { Oct-12 } \\ & \hline \end{aligned}$ |  | Forecast <br> Nov-12 |  | Forecast Dec-12 |  | $\begin{aligned} & \text { Total } \\ & \underline{2012} \\ & \hline \end{aligned}$ |  |
| MCRA Balance - Beginning (Pre-tax) ${ }^{\left(1^{*}\right)}$ | \$ | (0) | \$ | (15) | \$ | (25) | \$ | (34) | \$ | (35) | \$ | (28) | \$ | (16) | \$ | (2) | \$ | 14 | \$ | 26 | \$ | 31 | \$ | 25 | \$ | (0) |
| Gas Costs Incurred | \$ | 66 | \$ | 60 | \$ | 48 | \$ | 18 | \$ | 1 | \$ | 1 | \$ | (3) | \$ | (10) | \$ | 2 | \$ | 15 | \$ | 48 | \$ | 60 | \$ | 305 |
| Revenue from PROPOSED Recovery Rates | \$ | (81) | \$ | (70) | \$ | (57) | \$ | (18) | \$ | 6 | \$ | 11 | \$ | 17 | \$ | 26 | \$ | 10 | \$ | (11) | \$ | (54) | \$ | (72) | \$ | (292) |
| MCRA Balance - Ending (Pre-tax) ${ }^{\left(2^{*}\right)}$ | \$ | (15) | \$ | (25) | \$ | (34) | \$ | (35) | \$ | (28) | \$ | (16) | \$ | (2) | \$ | 14 | \$ | 26 | \$ | 31 | \$ | 25 | \$ | 13 | \$ | 13 |
| MCRA Balance - Ending (After-tax) ${ }^{\left(3^{*}\right)}$ | \$ | (11) | \$ | (19) | \$ | (26) | \$ | (26) | \$ | (21) | \$ | (12) | \$ | (2) | \$ | 10 | \$ | 20 | \$ | 23 | \$ | 19 | \$ | 10 | \$ | 10 |

Notes: Slight differences in totals due to rounding.
(1*) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts (Jan 1, 2010, 28.5\%, Jan 1, 2011, 26.5\%, Jan 1, 2012, 25.0\%).
$\left(2^{*}\right)$ For rate setting purpose MCRA pre-tax balances include grossed up projected deferred interest as at December 31, 2010
(3*) For rate setting purpose MCRA after tax balances are independently grossed-up to reflect pre-tax amounts.

Recorded to October 2010 and Projected to December 2012


TERASEN GAS INC.
RESIDENTIAL COMMODITY UNBUNDLING PROGRAM COST AMORTIZATION SCHEDULE - CAPITAL and O\&M



Line
No.

Projected Dec. 31, 2010 Deferred Account Balance - O\&M ${ }^{(B)}$
Projected 2011 Additions
Subtotal Deferral Costs
Deferral Amortization
AFUDC on pre-tax balances @ 6.83\% p.a.
Sub-total
Forecast Annual Volume (GJ) ${ }^{(C)}$
41,633,800
Unit Cost / GJ - O\&M Cost
Unit Cost / GJ - Commercial O\&M Cost
(A) All amounts are net of tax unless otherwise indicated
(B) Projected Dec 31, 2010 balance includes AFUDC to that date.
(C) Forecast sale volumes for eligible commercial customers (including Lower Mainland, Inland, and Columbia Rate Schedules 2, 2U, 2X, 3, 3U, and 3X, excluding Revelstoke and Fort Nelson).
(D) Gross Amortization = Net-Of-Tax Amortization / (1-26.5\% Tax Rate)

```
AFUDC rate 6.83%
AFUDC rate / month 0.57%
Amortization periods }1
```




| Effective January 1, 2011 |  |
| :---: | :---: |
| ESM, <br> Rate Rider 3 <br> (\$/GJ) | RSAM, <br> Rate Rider 5 <br> (\$/GJ) |
|  |  |
|  |  |
| $(\$ 0.048)$ | $(\$ 0.020)$ |
| $(\$ 0.036)$ | $(\$ 0.020)$ |
| $(\$ 0.028)$ | $(\$ 0.020)$ |
| $(\$ 0.014)$ |  |
| $(\$ 0.021)$ |  |
| $(\$ 0.039)$ |  |
| $(\$ 0.013)$ |  |
| $(\$ 0.009)$ |  |
| $1 \$ 0.009)$ |  |
| $(\$ 0.002)$ |  |
| $(\$ 0.006)$ |  |

```
Note 1:
Revised Capital Efficiency Calculation
Formula Base Capital Expenditure Spending (with Actual Customer adds)
        Customer Addition Driven CapEx
        Other Base Capital CapEx
Total Base Capital Expenditures - Formula
Actual Base Capital Expenditures
    Customer Addition Driven CapEx
    Other Base Capital CapEx
Total Base Capital Expenditures - Actual
Capital Incentive
Cumulative Capital Incentive for Phase-Out
Capital Incentive @ 14%
    Customer Portion (50/50 during term. Total benefit less Phase-Out after)
    Company Portion (50/50 during term. 2/3 & 1/3 Phase-Out in 2010 and 2011)
Note 2:
Forecast refund based on projected volumes to December 31, 2010
Note 3:
27
Approved Earnings Sharing Delivery Rate Rider ($000's)
Less: Actual Refund (Recoveries) ($000's)
2005-2009 Volume Variance
```

31
32 Note 4:
33 An adjustment is required to balance the Rider account to the actual taxes paid; the pre-tax earnings sharing amount for the rider was determined by applying the tax rate of the sharing year and results in a
34 difference with the year the actual taxes were paid.

CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10, and G-XXX-10

|  | RATE SCHEDULE 1: RESIDENTIAL SERVICE | EXISTING JULY 1, 2010 RATES |  |  | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line <br> No. | Particulars | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |
| 2 | Basic Charge per month | \$11.84 | \$11.84 | \$11.84 | \$0.00 | \$0.00 | \$0.00 | \$11.84 | \$11.84 | \$11.84 |
| 4 | Delivery Charge per GJ | \$3.179 | \$3.179 | \$3.179 | \$0.096 | \$0.096 | \$0.096 | \$3.275 | \$3.275 | \$3.275 |
| 5 | Rider 22009 ROE Rate Rider | \$0.059 | \$0.059 | \$0.059 | (\$0.059) | (\$0.059) | (\$0.059) | \$0.000 | \$0.000 | \$0.000 |
| 6 | Rider 3 ESM | (\$0.040) | (\$0.040) | (\$0.040) | (\$0.008) | (\$0.008) | (\$0.008) | (\$0.048) | (\$0.048) | (\$0.048) |
| 7 | Rider 5 RSAM | (\$0.053) | (\$0.053) | (\$0.053) | \$0.033 | \$0.033 | \$0.033 | (\$0.020) | (\$0.020) | (\$0.020) |
| $\begin{aligned} & 8 \\ & 9 \end{aligned}$ | Subtotal Delivery Margin Related Charges per GJ | \$3.145 | \$3.145 | \$3.145 | \$0.062 | \$0.062 | \$0.062 | \$3.207 | \$3.207 | \$3.207 |
| 10 |  |  |  |  |  |  |  |  |  |  |
| 11 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |
| 12 | Midstream Cost Recovery Charge per GJ | \$1.642 | \$1.621 | \$1.681 | (\$0.302) | (\$0.306) | (\$0.326) | \$1.340 | \$1.315 | \$1.355 |
| 13 | Rider 8 Unbundling Recovery | \$0.083 | \$0.083 | \$0.083 | (\$0.074) | (\$0.074) | (\$0.074) | \$0.009 | \$0.009 | \$0.009 |
| 14 | Subtotal Midstream Related Charges per GJ | \$1.725 | \$1.704 | \$1.764 | (\$0.376) | (\$0.380) | (\$0.400) | \$1.349 | \$1.324 | \$1.364 |
| 15 |  |  |  |  |  |  |  |  |  |  |
| 16 | Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | \$4.976 | \$4.976 | (\$0.408) | (\$0.408) | (\$0.408) | \$4.568 | \$4.568 | \$4.568 |
| 17 |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |
| 19 | Rider 1 Propane Surcharge (Revelstoke only) |  | \$8.016 |  |  | \$0.714 |  |  | \$8.730 |  |
| 20 |  |  |  |  |  |  |  |  |  |  |
| 21 |  |  |  |  |  |  |  |  |  |  |
| 22 | Cost of Gas Recovery Related Charges for Revelstoke |  | \$14.613 |  |  | \$0.000 |  |  | \$14.613 |  |
| 23 | per GJ (Includes Rider 1, excludes Riders 8) |  |  |  |  |  |  |  |  |  |

TERASEN GAS INC
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES
BCUC ORDER NO.G-141-09, G-158-09, G-xXX-10, and G-XXX-10


CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES
BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10, and G-XXX-10

|  | RATE SCHEDULE 3: <br> LARGE COMMERCIAL SERVICE | EXISTING JULY 1, 2010 RATES |  |  | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line No. | Particulars | Lower <br> Mainland | Inland | Columbia | Lower Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 2 \\ & 3 \end{aligned}$ | Basic Charge per month | \$132.52 | \$132.52 | \$132.52 | \$0.00 | \$0.00 | \$0.00 | \$132.52 | \$132.52 | \$132.52 |
| 4 | Delivery Charge per GJ | \$2.264 | \$2.264 | \$2.264 | \$0.054 | \$0.054 | \$0.054 | \$2.318 | \$2.318 | \$2.318 |
| 5 | Rider 22009 ROE Rate Rider | \$0.031 | \$0.031 | \$0.031 | (\$0.031) | (\$0.031) | (\$0.031) | \$0.000 | \$0.000 | \$0.000 |
| 6 | Rider 3 ESM | (\$0.023) | (\$0.023) | (\$0.023) | (\$0.005) | (\$0.005) | (\$0.005) | (\$0.028) | (\$0.028) | (\$0.028) |
| 7 | Rider 5 RSAM | (\$0.053) | (\$0.053) | (\$0.053) | \$0.033 | \$0.033 | \$0.033 | (\$0.020) | (\$0.020) | (\$0.020) |
| 8 | Subtotal Delivery Margin Related Charges per GJ | \$2.219 | \$2.219 | \$2.219 | \$0.051 | \$0.051 | \$0.051 | \$2.270 | \$2.270 | \$2.270 |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |
| 11 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |
| 12 | Midstream Cost Recovery Charge per GJ | \$1.289 | \$1.274 | \$1.332 | (\$0.271) | (\$0.275) | (\$0.296) | \$1.018 | \$0.999 | \$1.036 |
| 13 | Rider 8 Unbundling Recovery | (\$0.008) | (\$0.008) | (\$0.008) | \$0.008 | \$0.008 | \$0.008 | \$0.000 | \$0.000 | \$0.000 |
| 14 | Subtotal Midstream Related Charges per GJ | \$1.281 | \$1.266 | \$1.324 | (\$0.263) | (\$0.267) | (\$0.288) | \$1.018 | \$0.999 | \$1.036 |
| 15 |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 16 \\ & 17 \end{aligned}$ | Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | \$4.976 | \$4.976 | (\$0.408) | (\$0.408) | (\$0.408) | \$4.568 | \$4.568 | \$4.568 |
| 18 |  |  |  |  |  |  |  |  |  |  |
| 19 | Rider 1 Propane Surcharge (Revelstoke only) |  | \$7.272 |  |  | \$0.683 |  |  | \$7.955 |  |
| 20 |  |  |  |  |  |  |  |  |  |  |
| 21 |  |  |  |  |  |  |  |  |  |  |
| 22 | Cost of Gas Recovery Related Charges for Revelstoke |  | \$13.522 |  |  | \$0.000 |  |  | \$13.522 |  |
| 23 | per GJ (Includes Rider 1, excludes Rider 8) |  |  |  |  |  |  |  |  |  |



CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES
BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10

|  | RATE SCHEDULE 5 GENERAL FIRM SERVICE | EXISTING JULY 1, 2010 RATES |  |  | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line <br> No. | Particulars | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia | Lower Mainland | Inland | Columbia |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |
| 2 | Basic Charge per month | \$587.00 | \$587.00 | \$587.00 | \$0.00 | \$0.00 | \$0.00 | \$587.00 | \$587.00 | \$587.00 |
| 3 |  |  |  |  |  |  |  |  |  |  |
| 4 | Demand Charge per gigajoule | \$15.554 | \$15.554 | \$15.554 | \$0.389 | \$0.389 | \$0.389 | \$15.943 | \$15.943 | \$15.943 |
| 5 |  |  |  |  |  |  |  |  |  |  |
| 6 | Delivery Charge per GJ | \$0.629 | \$0.629 | \$0.629 | \$0.016 | \$0.016 | \$0.016 | \$0.645 | \$0.645 | \$0.645 |
| 7 |  |  |  |  |  |  |  |  |  |  |
| 8 | Rider 22009 ROE Rate Rider | \$0.025 | \$0.025 | \$0.025 | (\$0.025) | (\$0.025) | (\$0.025) | \$0.000 | \$0.000 | \$0.000 |
| 9 | Rider 3 ESM | (\$0.017) | (\$0.017) | (\$0.017) | (\$0.004) | (\$0.004) | (\$0.004) | (\$0.021) | (\$0.021) | (\$0.021) |
| 10 |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |
| 12 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |
| 13 | Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | \$4.976 | \$4.976 | (\$0.408) | (\$0.408) | (\$0.408) | \$4.568 | \$4.568 | \$4.568 |
| 14 | Midstream Cost Recovery Charge per GJ | \$0.960 | \$0.950 | \$1.005 | (\$0.196) | (\$0.201) | (\$0.220) | \$0.764 | \$0.749 | \$0.785 |
| 15 | Subtotal Commodity Related Charges per GJ | \$5.936 | \$5.926 | \$5.981 | (\$0.604) | (\$0.609) | (\$0.628) | \$5.332 | \$5.317 | \$5.353 |
| 16 |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |
| 19 | Total Variable Cost per gigajoule | \$6.573 | \$6.563 | \$6.618 | (\$0.617) | (\$0.622) | (\$0.641) | \$5.956 | \$5.941 | \$5.977 |

TERASEN GAS INC
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES

BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10

|  | RATE SCHEDULE 6: NGV - STATIONS | EXISTING JULY 1, 2010 RATES |  |  | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line <br> No. | Particulars | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |
| 2 | Basic Charge per month | \$61.00 | \$61.00 | \$61.00 | \$0.00 | \$0.00 | \$0.00 | \$61.00 | \$61.00 | \$61.00 |
| 4 | Delivery Charge per GJ | \$3.571 | \$3.571 | \$3.571 | \$0.077 | \$0.077 | \$0.077 | \$3.648 | \$3.648 | \$3.648 |
| 6 | Rider 22009 ROE Rate Rider | \$0.057 | \$0.057 | \$0.057 | (\$0.057) | (\$0.057) | (\$0.057) | \$0.000 | \$0.000 | \$0.000 |
| 7 | Rider 3 ESM | (\$0.024) | (\$0.024) | (\$0.024) | (\$0.015) | (\$0.015) | (\$0.015) | (\$0.039) | (\$0.039) | (\$0.039) |
| 8 |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 10 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |
| 11 | Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | \$4.976 | \$4.976 | (\$0.408) | (\$0.408) | (\$0.408) | \$4.568 | \$4.568 | \$4.568 |
| 12 | Midstream Cost Recovery Charge per GJ | \$0.466 | \$0.464 | \$0.464 | (\$0.113) | (\$0.118) | (\$0.118) | \$0.353 | \$0.346 | \$0.346 |
| 13 | Subtotal Commodity Related Charges per GJ | \$5.442 | \$5.440 | \$5.440 | (\$0.521) | (\$0.526) | (\$0.526) | \$4.921 | \$4.914 | \$4.914 |
| 14 |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |
| 16 | Total Variable Cost per gigajoule | \$9.046 | \$9.044 | \$9.044 | (\$0.516) | (\$0.521) | (\$0.521) | \$8.530 | \$8.523 | \$8.523 |

TERASEN GAS INC
TAB 6
EFFECTIVE JANUARY 1, 2011 RATES

BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10

| RATE SCHEDULE 6A: NGV - VRA's |  |  |  |
| :---: | :---: | :---: | :---: |
| Line <br> No. | EXISTING JULY 1, 2010 RATES | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES | EFFECTIVE JANUARY 1, 2011 RATES |
| (1) | (2) | (3) | (4) |
| 1 LOWER MAINLAND SERVICE AREA |  |  |  |
| 2 |  |  |  |
| 3 Delivery Margin Related Charges |  |  |  |
| 4 Basic Charge per month | \$86.00 | \$0.00 | \$86.00 |
| 5 |  |  |  |
| 6 Delivery Charge per GJ | \$3.531 | \$0.077 | \$3.608 |
| 7 Rider 22009 ROE Rate Rider | \$0.057 | (\$0.057) | \$0.000 |
| 8 Rider 3 ESM | (\$0.024) | (\$0.015) | (\$0.039) |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 Commodity Related Charges |  |  |  |
| 12 Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | (\$0.408) | \$4.568 |
| 13 Midstream Cost Recovery Charge per GJ | \$0.466 | (\$0.113) | \$0.353 |
| 14 Subtotal Commodity Related Charges per GJ | \$5.442 | (\$0.521) | \$4.921 |
| 15 |  |  |  |
| 16 Compression Charge per gigajoule | \$5.28 | \$0.00 | \$5.28 |
| 17 |  |  |  |
| 18 |  |  |  |
| 19 Minimum Charges | \$125.00 | \$0.00 | \$125.00 |
| 20 |  |  |  |
| 21 |  |  |  |
| 22 |  |  |  |
| 23 Total Variable Cost per gigajoule | \$14.286 | (\$0.516) | \$13.770 |

BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10

| RATE SCHEDULE 7: INTERRUPTIBLE SALES | EXISTING JULY 1, 2010 RATES |  |  | DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line <br> No. | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |
| 2 Basic Charge per month | \$880.00 | \$880.00 | \$880.00 | \$0.00 | \$0.00 | \$0.00 | \$880.00 | \$880.00 | \$880.00 |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 Delivery Charge per GJ | \$1.048 | \$1.048 | \$1.048 | \$0.025 | \$0.025 | \$0.025 | \$1.073 | \$1.073 | \$1.073 |
| 5 |  |  |  |  |  |  |  |  |  |
| 6 Rider 22009 ROE Rate Rider | \$0.013 | \$0.013 | \$0.013 | (\$0.013) | (\$0.013) | (\$0.013) | \$0.000 | \$0.000 | \$0.000 |
| 7 Rider 3 ESM | (\$0.010) | (\$0.010) | (\$0.010) | (\$0.003) | (\$0.003) | (\$0.003) | (\$0.013) | (\$0.013) | (\$0.013) |
| 8 |  |  |  |  |  |  |  |  |  |
| 9 Commodity Related Charges |  |  |  |  |  |  |  |  |  |
| 10 Cost of Gas (Commodity Cost Recovery Charge) per GJ | \$4.976 | \$4.976 | \$4.976 | (\$0.408) | (\$0.408) | (\$0.408) | \$4.568 | \$4.568 | \$4.568 |
| 11 Midstream Cost Recovery Charge per GJ | \$0.960 | \$0.950 | \$1.005 | (\$0.196) | (\$0.201) | (\$0.220) | \$0.764 | \$0.749 | \$0.785 |
| 12 Subtotal Commodity Related Charges per GJ | \$5.936 | \$5.926 | \$5.981 | (\$0.604) | (\$0.609) | (\$0.628) | \$5.332 | \$5.317 | \$5.353 |
| 13 |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |
| 15 |  | ing and UOR | BCUC |  |  |  |  |  |  |
| 16 Charges per gigajoule for UOR Gas | Order No. G-110 | eng an |  |  |  |  | Order No. G-11 |  |  |
| 17 |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |
| 21 |  |  |  |  |  |  |  |  |  |
| 22 Total Variable Cost per gigajoule | \$6.987 | \$6.977 | \$7.032 | (\$0.595) | (\$0.600) | (\$0.619) | \$6.392 | \$6.377 | \$6.413 |





TERASEN GAS INC.
TAB 6
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES
BCUC ORDER NO.G-141-09, G-158-09

| RATE SCHEDULE 23: <br> LARGE COMMERCIAL T-SERVICE | EFFECTIVE APRIL 1, 2010 |  |  | DELIVERY MARGIN <br> RELATED CHARGES CHANGES |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line <br> No. | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia | Lower <br> Mainland | Inland | Columbia |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| 1 2 Basic Charge per Month | \$132.52 | \$132.52 | \$132.52 | \$0.00 | \$0.00 | \$0.00 | \$132.52 | \$132.52 | \$132.52 |
| $\begin{array}{ll}3 & \text { Delivery Charge per gigajoule } \\ 4 & \\ 5 & \end{array}$ | \$2.264 | \$2.264 | \$2.264 | \$0.054 | \$0.054 | \$0.054 | \$2.318 | \$2.318 | \$2.318 |
| $\begin{array}{ll}6 & \text { Administration Charge per Month } \\ 7 & \\ 8 & \text { Sales }\end{array}$ | \$78.00 | \$78.00 | \$78.00 | \$0.00 | \$0.00 | \$0.00 | \$78.00 | \$78.00 | \$78.00 |
| (a) Charge per gigajoule for Balancing Gas <br> (b) Charge per gigajoule for Backstopping Gas <br> (c) Replacement Gas | Balancing, Backstopping, Replacement and UOR per BCUC Order No. G-110-00. |  |  |  |  |  | Balancing, Backstopping, Replacement and UOR per BCUC Order No. G-110-00. |  |  |
| 13 ld |  |  |  |  |  |  |  |  |  |
| 14 Rider 22009 ROE Rate Rider | \$0.031 | \$0.031 | \$0.031 | (\$0.031) | (\$0.031) | (\$0.031) | \$0.000 | \$0.000 | \$0.000 |
| 15 Rider 3 ESM | (\$0.023) | (\$0.023) | (\$0.023) | (\$0.005) | (\$0.005) | (\$0.005) | (\$0.028) | (\$0.028) | (\$0.028) |
| 16 Rider 5 RSAM | (\$0.053) | (\$0.053) | (\$0.053) | \$0.033 | \$0.033 | \$0.033 | (\$0.020) | (\$0.020) | (\$0.020) |
| 17 |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |
| 20 Total Variable Cost per gigajoule | \$2.219 | \$2.219 | \$2.219 | \$0.051 | \$0.051 | \$0.051 | \$2.270 | \$2.270 | \$2.270 |

TERASEN GAS INC.
TAB 6
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
PAGE 12 SCHEDULE 25
EFFECTIVE JANUARY 1, 2011 RATES

BCUC ORDER NO.G-141-09, G-158-09


TERASEN GAS INC.
TAB 6
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
EFFECTIVE JANUARY 1, 2011 RATES
BCUC ORDER NO.G-141-09, G-158-09


| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ | Particular | RATE SCHEDULE 1 - RESIDENTIAL SERVICE |  |  |  |  |  |  |  |  |  |  | Annual Increase/Decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | EXISTING JULY 1, 2010 RATES |  |  |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |  |  |  |  |  |  |
| 1 | LOWER MAINLAND SERVICE AREA | Volume |  | Rate | Annual \$ |  | Volume |  |  | Rate | Annual \$ |  | Rate | Annual \$ | \% of Previous <br> Total Annual Bill |
| 2 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Basic Charge |  | months x | \$11.84 | $=$ | \$142.08 |  | months | (s x | \$11.84 | $=$ | \$142.08 | \$0.00 | \$0.00 | 0.00\% |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Delivery Charge | 95.0 | GJ x | \$3.179 | = | 302.0050 | 95.0 |  | J $x$ | \$3.275 | = | 311.1250 | \$0.096 | 9.1200 | 0.85\% |
| 6 | Rider 22009 ROE Rate Rider | 95.0 | GJ x | \$0.059 | = | 5.6050 | 95.0 |  | J $x$ | \$0.000 | = | 0.0000 | (\$0.059) | (5.6050) | -0.52\% |
| 7 | Rider 3 ESM | 95.0 | GJ x | (\$0.040) | $=$ | (3.8000) | 95.0 |  | J | (\$0.048) | $=$ | (4.5600) | (\$0.008) | (0.7600) | -0.07\% |
| 8 | Rider 5 RSAM | 95.0 | GJ x | (\$0.053) | $=$ | (5.0350) | 95.0 |  |  | (\$0.020) | $=$ | (1.9000) | \$0.033 | 3.1350 | 0.29\% |
| 9 | Subtotal Delivery Margin Related Charges |  |  |  |  | \$440.86 |  |  |  |  |  | \$446.75 |  | \$5.89 | 0.55\% |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Midstream Cost Recovery Charge | 95.0 | GJ x | \$1.642 | $=$ | \$155.9900 | 95.0 |  | J | \$1.340 | = | \$127.3000 | (\$0.302) | (\$28.6900) | -2.66\% |
| 13 | Rider 8 Unbundling Recovery | 95.0 | GJ x | \$0.083 | $=$ | 7.8850 | 95.0 |  | J $x$ | \$0.009 | = | 0.8550 | (\$0.074) | (7.0300) | -0.65\% |
| 14 | Midstream Related Charges Subtotal |  |  |  |  | \$163.88 |  |  |  |  |  | \$128.16 |  | (\$35.72 ) | -3.32\% |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Cost of Gas (Commodity Cost Recovery Charge) | 95.0 | GJ x | \$4.976 | $=$ | \$472.72 | 95.0 |  | J $x$ | \$4.568 | $=$ | \$433.96 | (\$0.408) | (\$38.76 ) | -3.60\% |
| 17 | Subtotal Commodity Related Charges |  |  |  |  | \$636.60 |  |  |  |  |  | \$562.12 |  | (\$74.48 ) | -6.91\% |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Total (with effective \$/GJ rate) | 95.0 |  | \$11.342 |  | \$1,077.46 | 95.0 |  |  | \$10.620 |  | \$1,008.87 | (\$0.722) | (\$68.59 ) | -6.37\% |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | INLAND SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | Basic Charge |  | months x | \$11.84 | = | \$142.08 | 12 | months | ¢ x | \$11.84 | = | \$142.08 | \$0.00 | \$0.00 | 0.00\% |
| 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | Delivery Charge | 75.0 | GJ x | \$3.179 | $=$ | 238.4250 | 75.0 |  | J $x$ | \$3.275 | $=$ | 245.6250 | \$0.096 | 7.2000 | 0.82\% |
| 26 | Rider 22009 ROE Rate Rider | 75.0 | GJ x | \$0.059 | $=$ | 4.4250 | 75.0 |  | J $x$ | \$0.000 | $=$ | 0.0000 | (\$0.059) | (4.4250) | -0.50\% |
| 27 | Rider 3 ESM | 75.0 | GJ x | (\$0.040) | $=$ | (3.0000) | 75.0 |  | J x | (\$0.048) | = | (3.6000) | (\$0.008) | (0.6000) | -0.07\% |
| 28 | Rider 5 RSAM | 75.0 | GJ x | (\$0.053) | $=$ | (3.9750) | 75.0 |  | J x | (\$0.020) | $=$ | (1.5000) | \$0.033 | 2.4750 | 0.28\% |
| 29 | Subtotal Delivery Margin Related Charges |  |  |  |  | \$377.96 |  |  |  |  |  | \$382.61 |  | \$4.65 | 0.53\% |
| 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 | Midstream Cost Recovery Charge | 75.0 | GJ x | \$1.621 | = | \$121.5750 | 75.0 |  | J | \$1.315 | = | \$98.6250 | (\$0.306) | (\$22.9500) | -2.61\% |
| 33 | Rider 8 Unbundling Recovery | 75.0 | GJ x | \$0.083 | $=$ | 6.2250 | 75.0 |  | J x | \$0.009 | $=$ | 0.6750 | (\$0.074) | (5.5500) | -0.63\% |
| 34 | Midstream Related Charges Subtotal |  |  |  |  | \$127.80 |  |  |  |  |  | \$99.30 |  | (\$28.50 ) | -3.24\% |
| 35 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 36 | Cost of Gas (Commodity Cost Recovery Charge) | 75.0 | GJ x | \$4.976 | $=$ | \$373.20 | 75.0 |  | J $x$ | \$4.568 | $=$ | \$342.60 | (\$0.408) | (\$30.60 ) | -3.48\% |
| 37 | Subtotal Commodity Related Charges |  |  |  |  | \$501.00 |  |  |  |  |  | \$441.90 |  | (\$59.10 ) | -6.72\% |
| 38 | Total (with effective \$/GJ rate) | 75.0 |  | \$11.719 |  | \$878.96 | 75.0 |  |  | \$10.993 |  | \$824.51 | (\$0.726) | (\$54.45 ) | -6.19\% |
| 40 |  |  |  |  |  |  |  |  |  |  |  |  |  | (554.45 ) |  |
| 41 | COLUMBIA SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42 | Delivery Margin Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43 | Basic Charge | 12 | months x | \$11.84 | = | \$142.08 | 12 | months | ( x | \$11.84 | = | \$142.08 | \$0.00 | \$0.00 | 0.00\% |
| 44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45 | Delivery Charge | 80.0 | GJ x | \$3.179 | = | 254.3200 | 80.0 |  | J x | \$3.275 | $=$ | 262.0000 | \$0.096 | 7.6800 | 0.82\% |
| 46 | Rider 22009 ROE Rate Rider | 80.0 | GJ x | \$0.059 | = | 4.7200 | 80.0 |  | J x | \$0.000 | = | 0.0000 | (\$0.059) | (4.7200) | -0.51\% |
| 47 | Rider 3 ESM | 80.0 | GJ x | (\$0.040) | $=$ | (3.2000) | 80.0 |  | J $x$ | (\$0.048) | $=$ | (3.8400) | (\$0.008) | (0.6400) | -0.07\% |
| 48 | Rider 5 RSAM | 80.0 | GJ x | (\$0.053) | $=$ | (4.2400) | 80.0 |  | J $x$ | (\$0.020) | $=$ | (1.6000) | \$0.033 | 2.6400 | 0.28\% |
| 49 | Subtotal Delivery Margin Related Charges |  |  |  |  | \$393.68 |  |  |  |  |  | \$398.64 |  | \$4.96 | 0.53\% |
| 50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 51 | Commodity Related Charges |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 52 | Midstream Cost Recovery Charge | 80.0 | GJ x | \$1.681 | = | \$134.4800 | 80.0 |  | J $x$ | \$1.355 | = | \$108.4000 | (\$0.326) | (\$26.0800) | -2.80\% |
| 53 | Rider 8 Unbundling Recovery | 80.0 | GJ x | \$0.083 | $=$ | 6.6400 | 80.0 |  | J x | \$0.009 | $=$ | 0.7200 | (\$0.074) | (5.9200) | -0.63\% |
| 54 | Midstream Related Charges Subtotal |  |  |  |  | \$141.12 |  |  |  |  |  | \$109.12 |  | (\$32.00 ) | -3.43\% |
| 55 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 56 | Cost of Gas (Commodity Cost Recovery Charge) | 80.0 | GJ x | \$4.976 |  | \$398.08 | 80.0 |  | J $x$ | \$4.568 | $=$ | \$365.44 | (\$0.408) | (\$32.64 ) | -3.50\% |
| 57 | Subtotal Commodity Related Charges |  |  |  |  | \$539.20 | 80.0 |  |  |  |  | \$474.56 |  | (\$64.64 ) | -6.93\% |
| 58 59 | Total (with effective \$/GJ rate) |  |  | \$11.661 |  | \$932.88 | 80.0 |  |  | \$10.915 |  | \$873.20 | (\$0.746) | (\$59.68 ) | -6.40\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\underline{ }$ |  |

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

Line No.

## LOWER MAINLAND SERVICE AREA

Delivery Margin Related Charges
Basic Charge
Delivery Charge
Rider 22009 ROE Rate Rider Rider 3 ESM
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
Rider 8 Unbundling Recovery
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges
Total (with effective $\$ / G J$ rate)
INLAND SERVICE AREA
Delivery Margin Related Charges
Basic Charge

Rider 22009 ROE Rate Rider
$\begin{array}{ll}\text { Rider } 3 & \text { ESM } \\ \text { Rider } 5 & \text { RSAM }\end{array}$
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
Rider 8 Unbunding Recovery
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges

Total (with effective $\$ / G J$ rate)

## COLUMBIA SERVICE AREA

Delivery Margin Related Charges
Basic Charge
Delivery Charge
Rider 22009 ROE Rate Rider
Rider 5 RSAM
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
Rider 8 Unbundling Recovery
Midstream Related Charges Subtotal
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges
Total (with effective \$/GJ rate)

EXISTING JULY 1, 2010 RATES

| EXISTING JULY 1, 2010 RATES |  |  |  |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Volume |  |  | Rate |  | Annual \$ | Volume |  |  | Rate | Annual \$ |  |
| 12 | months |  | \$24.84 | = | \$298.08 | 12 | months |  | \$24.84 | = | \$298.08 |
| 300.0 | GJ |  | \$2.643 | $=$ | 792.9000 | 300.0 | GJ |  | \$2.714 | = | 814.2000 |
| 300.0 | GJ |  | \$0.043 | $=$ | 12.9000 | 300.0 | GJ |  | \$0.000 | $=$ | 0.0000 |
| 300.0 | GJ |  | (\$0.029) | = | (8.7000) | 300.0 | GJ |  | (\$0.036) | $=$ | (10.8000) |
| 300.0 | GJ | x | (\$0.053) | $=$ | (15.9000) | 300.0 | GJ | $x$ | (\$0.020) | $=$ | (6.0000) |
|  |  |  |  |  | \$1,079.28 |  |  |  |  |  | \$1,095.48 |
| 300.0 | GJ |  | \$1.636 | $=$ | \$490.8000 | 300.0 | GJ |  | \$1.327 | = | \$398.1000 |
| 300.0 | GJ |  | (\$0.008) | $=$ | (2.4000) | 300.0 | GJ | $x$ | \$0.000 | $=$ | 0.00 |
|  |  |  |  |  | \$488.40 |  |  |  |  |  | \$398.10 |
| 300.0 | GJ |  | \$4.976 | $=$ | \$1,492.80 | 300.0 | GJ | x | \$4.568 | $=$ | \$1,370.40 |
|  |  |  |  |  | \$1,981.20 |  |  |  |  |  | \$1,768.50 |
| 300.0 |  |  | \$10.202 |  | \$3,060.48 | 300.0 |  |  | \$9.547 |  | \$2,863.98 |
| 12 | months |  | \$24.84 | = | \$298.08 | 12 | months | x | \$24.84 | = | \$298.08 |
| 250.0 | GJ |  | \$2.643 | $=$ | 660.7500 | 250.0 | GJ |  | \$2.714 | = | 678.5000 |
| 250.0 | GJ |  | \$0.043 | $=$ | 10.7500 | 250.0 | GJ | $x$ | \$0.000 | = | 0.0000 |
| 250.0 | GJ |  | (\$0.029) | $=$ | (7.2500) | 250.0 | GJ | $x$ | (\$0.036) | = | (9.0000) |
| 250.0 | GJ |  | (\$0.053) | $=$ | (13.2500) | 250.0 | GJ | $x$ | (\$0.020) | $=$ | (5.0000) |
|  |  |  |  |  | \$949.08 |  |  |  |  |  | \$962.58 |
| 250.0 | GJ |  | \$1.615 | $=$ | \$403.7500 | 250.0 | GJ |  | \$1.301 | = | \$325.2500 |
| 250.0 | GJ |  | (\$0.008) | $=$ | (2.0000) | 250.0 | GJ |  | \$0.000 | $=$ | 0.00 |
|  |  |  |  |  | \$401.75 |  |  |  |  |  | \$325.25 |
| 250.0 | GJ |  | \$4.976 | $=$ | \$1,244.00 | 250.0 | GJ |  | \$4.568 | $=$ | \$1,142.00 |
|  |  |  |  |  | \$1,645.75 |  |  |  |  |  | \$1,467.25 |
| 250.0 |  |  | \$10.379 |  | \$2,594.83 | 250.0 |  |  | \$9.719 |  | \$2,429.83 |
| 12 | months | x | \$24.84 | = | \$298.08 | 12 | months | $x$ | \$24.84 | = | \$298.08 |
| 320.0 | GJ |  | \$2.643 | $=$ | 845.7600 | 320.0 | GJ |  | \$2.714 | = | 868.4800 |
| 320.0 | GJ |  | \$0.043 | $=$ | 13.7600 | 320.0 | GJ | $x$ | \$0.000 | $=$ | 0.0000 |
| 320.0 | GJ |  | (\$0.029) | $=$ | (9.2800) | 320.0 | GJ | $x$ | (\$0.036) | $=$ | (11.5200) |
| 320.0 | GJ |  | (\$0.053) | $=$ | (16.9600) | 320.0 | GJ | x | (\$0.020) | $=$ | (6.4000) |
|  |  |  |  |  | \$1,131.36 |  |  |  |  |  | \$1,148.64 |
| 320.0 | GJ |  | \$1.676 | $=$ | \$536.3200 | 320.0 | GJ |  | \$1.342 | = | \$429.4400 |
| 320.0 | GJ |  | (\$0.008) | $=$ | (2.5600) | 320.0 | GJ | x | \$0.000 | $=$ | 0.00 |
|  |  |  |  |  | \$533.76 |  |  |  |  |  | \$429.44 |
| 320.0 | GJ |  | \$4.976 | $=$ | \$1,592.32 | 320.0 | GJ |  | \$4.568 | $=$ | \$1,461.76 |
|  |  |  |  |  | \$2,126.08 |  |  |  |  |  | \$1,891.20 |
| 320.0 |  |  | \$10.180 |  | \$3,257.44 | 320.0 |  |  | \$9.500 |  | \$3,039.84 |

Annual

| Annual Increase/Decrease |  |  |
| :---: | :---: | :---: |
| Rate |  | \% of Previous Total Annual B |
|  | Annual \$ |  |
| \$0.00 | \$0.00 | 0.00\% |
| \$0.071 | 21.3000 | 0.70\% |
| (\$0.043) | (12.9000) | -0.42\% |
| (\$0.007) | (2.1000) | -0.07\% |
| \$0.033 | 9.9000 | 0.32\% |
|  | \$16.20 | 0.53\% |
| (\$0.309) | (\$92.7000) | -3.03\% |
| \$0.008 | 2.4000 | 0.08\% |
|  | (\$90.30 ) | -2.95\% |
| (\$0.408) | (\$122.40 ) | -4.00\% |
|  | (\$212.70 ) | -6.95\% |
| (\$0.655) | (\$196.50 ) | -6.42\% |
| \$0.00 | \$0.00 | 0.00\% |
| \$0.071 | 17.7500 | 0.68\% |
| (\$0.043) | (10.7500) | -0.41\% |
| (\$0.007) | (1.7500) | -0.07\% |
| \$0.033 | 8.2500 | 0.32\% |
|  | \$13.50 | 0.52\% |
| (\$0.314) | (\$78.5000) | -3.03\% |
| \$0.008 | 2.0000 | 0.08\% |
|  | (\$76.50 ) | -2.95\% |
| (\$0.408) | (\$102.00 ) | -3.93\% |
|  | (\$178.50 ) | -6.88\% |
| (\$0.660) | (\$165.00 ) | -6.36\% |
| \$0.00 | \$0.00 | 0.00\% |
| \$0.071 | 22.7200 | 0.70\% |
| (\$0.043) | (13.7600) | -0.42\% |
| (\$0.007) | (2.2400) | -0.07\% |
| \$0.033 | 10.5600 | 0.32\% |
|  | \$17.28 | 0.53\% |
| (\$0.334) | (\$106.8800) | -3.28\% |
| \$0.008 | 2.5600 | 0.08\% |
|  | (\$104.32 ) | -3.20\% |
| (\$0.408) | (\$130.56 ) | -4.01\% |
|  | (\$234.88 ) | -7.21\% |
| \$0.680 | (\$217.60 | -6.68 |

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

## LOWER MAINLAND SERVICE AREA

## Delivery Margin Related Charges

Basic Charge
Delivery Charge
Rider 22009 ROE Rate Rider
Rider 3 ESM
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
Rider 8 Unbundling Recovery
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges
Total (with effective $\$ / G J$ rate
INLAND SERVICE AREA
Delivery Margin Related Charges
Basic Charge
Delivery Charge
Rider 22009 ROE Rate Rider
Rider 3 ESM
Rider 5 RSAM
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
bundling Recovery
Midstream Related Charges Subtotal
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges
Total (with effective \$/GJ rate)
Columbia service area
Delivery Margin Related Charges
Basic Charge
Delivery Charge
Rider 22009 ROE Rate Rider
$\begin{array}{ll}\text { Rider } 3 & \text { ESM } \\ \text { Rider } 5 & \text { RSAM }\end{array}$
Subtotal Delivery Margin Related Charges
Commodity Related Charges
Midstream Cost Recovery Charge
Rider 8 Unbundling Recovery
Midstream Related Charges Subtotal
Cost of Gas (Commodity Cost Recovery Charge) Subtotal Commodity Related Charges

Total (with effective \$/GJ rate)

BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10, and G-XXX-10 RATE SCHEDULE 3 - LARGE COMMERCIAL SERVIC

| EXISTING JULY 1, 2010 RATES |  |  |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |  |  | AnnualIncrease/Decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Volume |  | Rate |  | Annual \$ | Volume |  | Rate | Annual \$ |  | Rate | Annual \$ <br> $\$ 0.00$ | \% of Previous <br> Total Annual Bill |
| 12 | months $x$ | \$132.52 | = | \$1,590.24 | 12 m | months x | \$132.52 | = | \$1,590.24 | \$0.00 |  | 0.00\% |
| 2,800.0 | GJ $\times$ | \$2.264 | = | 6,339.2000 | 2,800.0 | GJ x | \$2.318 | = | 6,490.4000 | \$0.054 | 151.2000 | 0.60\% |
| 2,800.0 | GJ $\times$ | \$0.031 | $=$ | 86.8000 | 2,800.0 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.031) | (86.8000) | -0.34\% |
| 2,800.0 | GJ $\times$ | (\$0.023) | $=$ | (64.4000) | 2,800.0 | GJ x | (\$0.028) | = | (78.4000) | (\$0.005) | (14.0000) | -0.06\% |
| 2,800.0 | GJ $\times$ | (\$0.053) | $=$ | (148.4000) | 2,800.0 | GJ x | (\$0.020) | $=$ | (56.0000) | \$0.033 | 92.4000 | 0.36\% |
|  |  |  |  | \$7,803.44 |  |  |  |  | \$7,946.24 |  | \$142.80 | 0.56\% |
| 2,800.0 | GJ $\times$ | \$1.289 | $=$ | \$3,609.2000 | 2,800.0 | GJ x | \$1.018 | = | \$2,850.4000 | (\$0.271) | (\$758.8000) | -3.00\% |
| 2,800.0 | GJ $\times$ | (\$0.008) | $=$ | (22.4000) | 2,800.0 | GJ x | \$0.000 | $=$ | 0.00 | \$0.008 | 22.4000 | 0.09\% |
|  |  |  |  | \$3,586.80 |  |  |  |  | \$2,850.40 |  | (\$736.40 ) | -2.91\% |
| 2,800.0 | GJ $\times$ | \$4.976 | $=$ | \$13,932.80 | 2,800.0 | GJ x | \$4.568 | $=$ | \$12,790.40 | (\$0.408) | (\$1,142.40 ) | -4.51\% |
|  |  |  |  | \$17,519.60 |  |  |  |  | \$15,640.80 |  | (\$1,878.80 ) | -7.42\% |
| 2,800.0 |  | \$9.044 |  | \$25,323.04 | 2,800.0 |  | \$8.424 |  | \$23,587.04 | (\$0.620) | (\$1,736.00 ) | -6.86\% |
| 12 | months $x$ | \$132.52 | = | \$1,590.24 | 12 m | months x | \$132.52 | = | \$1,590.24 | \$0.00 | \$0.00 | 0.00\% |
| 2,600.0 | GJ $\times$ | \$2.264 | = | 5,886.4000 | 2,600.0 | GJ x | \$2.318 | = | 6,026.8000 | \$0.054 | 140.4000 | 0.60\% |
| 2,600.0 | GJ $\times$ | \$0.031 | $=$ | 80.6000 | 2,600.0 | GJ x | \$0.000 | = | 0.0000 | (\$0.031) | (80.6000) | -0.34\% |
| 2,600.0 | GJ $\times$ | (\$0.023) | $=$ | (59.8000) | 2,600.0 | GJ x | (\$0.028) | $=$ | (72.8000) | (\$0.005) | (13.0000) | -0.06\% |
| 2,600.0 | GJ $\times$ | (\$0.053) | $=$ | (137.8000) | 2,600.0 | GJ x | (\$0.020) | $=$ | (52.0000) | \$0.033 | 85.8000 | 0.36\% |
|  |  |  |  | \$7,359.64 |  |  |  |  | \$7,492.24 |  | \$132.60 | 0.56\% |
| 2,600.0 | GJ $\times$ | \$1.274 | = | \$3,312.4000 | 2,600.0 | GJ x | \$0.999 | = | \$2,597.4000 | (\$0.275) | (\$715.0000) | -3.03\% |
| 2,600.0 | GJ $\times$ | (\$0.008) | $=$ | (20.8000) | 2,600.0 | GJ x | \$0.000 | $=$ | 0.00 | \$0.008 | 20.8000 | 0.09\% |
|  |  |  |  | \$3,291.60 |  |  |  |  | \$2,597.40 |  | (\$694.20 ) | -2.94\% |
| 2,600.0 | GJ $\times$ | \$4.976 | $=$ | \$12,937.60 | 2,600.0 | GJ x | \$4.568 | $=$ | \$11,876.80 | (\$0.408) | (\$1,060.80 ) | -4.50\% |
|  |  |  |  | \$16,229.20 |  |  |  |  | \$14,474.20 |  | (\$1,755.00 ) | -7.44\% |
| 2,600.0 |  | \$9.073 |  | \$23,588.84 | 2,600.0 |  | \$8.449 |  | \$21,966.44 | (\$0.624) | (\$1,622.40 ) | -6.88\% |
| 12 | months $\times$ | \$132.52 | = | \$1,590.24 | 12 | months x | \$132.52 | = | \$1,590.24 | \$0.00 | \$0.00 | 0.00\% |
| 3,300.0 | GJ $\times$ | \$2.264 | = | 7,471.2000 | 3,300.0 | GJ x | \$2.318 | = | 7,649.4000 | \$0.054 | 178.2000 | 0.60\% |
| 3,300.0 | GJ $\times$ | \$0.031 | $=$ | 102.3000 | 3,300.0 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.031) | (102.3000) | -0.34\% |
| 3,300.0 | GJ $\times$ | (\$0.023) | $=$ | (75.9000) | 3,300.0 | GJ x | (\$0.028) | $=$ | (92.4000) | (\$0.005) | (16.5000) | -0.06\% |
| 3,300.0 |  | (\$0.053) | $=$ | (174.9000) | 3,300.0 | GJ x | (\$0.020) $=$ |  | (66.0000) | \$0.033 | 108.9000 | 0.37\% |
|  |  |  |  | \$8,912.94 |  |  |  |  | \$9,081.24 |  | \$168.30 | 0.57\% |
| 3,300.0 | GJ $\times$ | \$1.332 | $=$ | \$4,395.6000 | 3,300.0 | GJ x | \$1.036 | = | \$3,418.8000 | (\$0.296) | (\$976.8000) | -3.29\% |
| 3,300.0 | GJ $\times$ | (\$0.008) | $=$ | (26.4000) | 3,300.0 | GJ x | \$0.000 | $=$ | 0.00 | \$0.008 | 26.4000 | 0.09\% |
|  |  |  |  | \$4,369.20 |  |  |  |  | \$3,418.80 |  | (\$950.40 ) | -3.20\% |
| 3,300.0 | GJ $\times$ | \$4.976 | $=$ | \$16,420.80 | 3,300.0 | GJ x | \$4.568 | $=$ | \$15,074.40 | (\$0.408) | (\$1,346.40 ) | -4.53\% |
|  |  |  |  | \$20,790.00 |  |  |  |  | \$18,493.20 |  | (\$2,296.80 ) | -7.73\% |
| 3,300.0 |  | \$9.001 |  | \$29,702.94 | 3,300.0 |  | \$8.356 |  | \$27,574.44 | (\$0.645) | (\$2,128.50 ) | -7.17\% |

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line ttems on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES

| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ | Particular |
| :---: | :---: |
| 1 |  |
| 2 | LOWER MAINLAND SERVICE AREA |
| 3 | Delivery Margin Related Charges |
| 4 | Basic Charge |
| 5 |  |
| 6 | Delivery Charge |
| 7 | (a) Off-Peak Period |
| 8 | (b) Extension Period |
| 9 | Rider 22009 ROE Rate Rider |
| 10 | Rider 3 ESM |
| 11 | Subtotal Delivery Margin Related Charges |
| 12 |  |
| 13 | Commodity Related Charges |
| 14 | Midstream Cost Recovery Charge |
| 15 | (a) Off-Peak Period |
| 16 | (b) Extension Period |
| 17 | Commodity Cost Recovery Charge |
| 18 | (a) Off-Peak Period |
| 19 | (b) Extension Period |
| 20 |  |
| 21 | Subtotal Cost of Gas (Commodity Related Charges) Off-Peak |
| 22 |  |
| 23 | Unauthorized Gas Charge During Peak Period (not forecast) |
| 24 |  |
| 25 | Total during Off-Peak Period |
| 26 |  |
| 27 |  |
| 28 | INLAND SERVICE AREA |
| 29 | Delivery Margin Related Charges |
| 30 | Basic Charge |
| 31 |  |
| 32 | Delivery Charge |
| 33 | (a) Off-Peak Period |
| 34 | (b) Extension Period |
| 35 | Rider 22009 ROE Rate Rider |
| 36 | Rider 3 ESM |
| 37 | Subtotal Delivery Margin Related Charges |
| 38 |  |
| 39 | Commodity Related Charges |
| 40 | Midstream Cost Recovery Charge |
| 41 | (a) Off-Peak Period |
| 42 | (b) Extension Period |
| 43 | Commodity Cost Recovery Charge |
| 44 | (a) Off-Peak Period |
| 45 | (b) Extension Period |
| 46 |  |
| 47 | Subtotal Cost of Gas (Commodity Related Charges) Off-Peak |
| 48 ( 48 |  |
| $\begin{aligned} & 49 \\ & 50 \end{aligned}$ | Unauthorized Gas Charge During Peak Period (not forecast) |
| 51 | Total during Off-Peak Period |



| $\begin{gathered} \text { Annual } \\ \text { Increase/Decrease } \\ \hline \end{gathered}$ |  |  |
| :---: | :---: | :---: |
| Rate |  | \% of Previous |
|  | Annual \$ | Total Annual Bill |
| \$0.00 | \$0.00 | 0.00\% |
| $\$ 0.027$ $\$ 0.027$ (\$0.037) (\$0.003) | 145.8000 | 0.37\% |
|  | 0.0000 | 0.00\% |
|  | (199.8000) | -0.50\% |
|  | (16.2000) | -0.04\% |
|  | (\$70.20 ) | -0.18\% |
| $\begin{aligned} & (\$ 0.196) \\ & (\$ 0.196) \\ & \hline \end{aligned}$ | (\$1,058.4000) | -2.66\% |
|  | 0.0000 | 0.00\% |
| $\begin{aligned} & (\$ 0.408) \\ & (\$ 0.408) \end{aligned}$ | $(2,203.2000)$ | -5.54\% |
|  | 0.0000 | 0.00\% |
|  | (\$3,261.60 ) | -8.21\% |
| (\$3,331.80 ) |  | -8.39\% |
| \$0.00 | \$0.00 | 0.00\% |
| $\begin{gathered} \$ 0.027 \\ \$ 0.027 \\ (\$ 0.037) \\ (\$ 0.003) \end{gathered}$ | 251.1000 | 0.38\% |
|  | 0.0000 | 0.00\% |
|  | (344.1000) | -0.52\% |
|  | (27.9000) | -0.04\% |
|  | (\$120.90 ) | -0.18\% |
| (\$0.201) | (\$1,869.3000) | -2.83\% |
| (\$0.201) | 0.0000 | 0.00\% |
| (\$0.408) | (3,794.4000) | -5.74\% |
| (\$0.408) | 0.0000 | 0.00\% |
|  | (\$5,663.70 ) | -8.57\% |
|  | (\$5,784.60 ) | -8.75\% |

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding


Notes: Tarift rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals,
Notes: Tarifi rate schedule per GJ charges are set at 3 decimals. Individual tarif comp

DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDER NO.G-141-09, G-158-09, G-XXX-10
RATE SCHEDULE 6 -NGV-STATIONS


Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals,
consistent with actual invoice calculations. Slight differences in totals due to rounding

DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES


Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals,
consistent with actual invoice calculations. Slight differences in totals due to rounding

DELIVERY MARGIN RELATED CHARGES CHANGES

Annual


Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals,
consistent with actual invoice calculations. Slight differences in totals due to rounding

DELIVERY MARGIN RELATED CHARGES CHANGES

| Line <br> No. | Particular | EFFECTIVE APRIL 1, 2010 |  |  |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |  |  | Annual Increase/Decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Volume |  | Rate |  | Annual \$ | Volume |  | Rate | Annual \$ |  | Rate | Annual \$ | \% of Previous Annual Bill |
| 2 | INLAND SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Basic Charge | 12 | months x | \$4,810.00 |  | \$57,720.00 |  | months x | \$4,810.00 |  | \$57,720.00 | \$0.00 | \$0.00 | 0.00\% |
| 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Transportation - Firm Demand (Delivery Charge Firm DTQ) | 2,595.4 | GJ x | \$12.401 |  | \$386,226.72 | 2,595.4 | GJ x | \$12.673 |  | \$394,698.00 | \$0.272 | \$8,471.28 | 1.61\% |
| 7 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Delivery Charge - Firm MTQ | 584,475.8 | GJ x | \$0.086 | $=$ | \$50,264.9188 | 584,475.8 | GJ x | \$0.088 | = | \$51,433.8704 | \$0.002 | \$1,168.9516 | 0.22\% |
| 10 | Rider 22009 ROE Rate Rider | 584,475.8 | GJ x | \$0.009 | $=$ | 5,260.2822 | 584,475.8 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.009) | $(5,260.2822)$ | -1.00\% |
| 11 | Rider 3 ESM | 584,475.8 | GJ x | (\$0.007) | $=$ | $(4,091.3306)$ | 584,475.8 | GJ x | (\$0.009) | $=$ | $(5,260.2822)$ | (\$0.002) | $(1,168.9516)$ | -0.22\% |
| 12 | Transportation - Firm (Delivery Charge Firm MTQ) |  |  |  |  | \$51,433.87 |  |  |  |  | \$46,173.59 |  | (\$5,260.28 ) | -1.00\% |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Delivery Charge - Interruptible MTQ | 28,607.9 | GJ x | \$0.985 | = | \$28,178.7815 | 28,607.9 | GJ x | \$1.003 | $=$ | \$28,693.7237 | \$0.018 | \$514.9422 | 0.10\% |
| 16 | Rider 22009 ROE Rate Rider | 28,607.9 | GJ x | \$0.009 | $=$ | 257.4711 | 28,607.9 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.009) | (257.4711) | -0.05\% |
| 17 | Rider 3 ESM | 28,607.9 | GJ x | (\$0.007) | $=$ | (200.2553) | 28,607.9 | GJ x | (\$0.009) | $=$ | (257.4711) | (\$0.002) | (57.2158) | -0.01\% |
| 18 | Transportation - Interruptible (Delivery Charge Interruptible MTQ) |  |  |  |  | \$28,236.00 |  |  |  |  | \$28,436.25 |  | \$200.25 | 0.04\% |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | Non-Standard Charges (not forecast) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | UOR, Demand Surcharge, Balancing Service, Backstopping Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | Administration Charge | 12 | months x | \$78.00 | $=$ | \$936.00 |  | months x | \$78.00 | $=$ | \$936.00 | \$0.00 | \$0.00 | 0.00\% |
| 26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | Total (with effective \$/GJ rate) | 584,475.8 |  | \$0.897 |  | \$524,552.59 | 584,475.8 |  | \$0.903 |  | \$527,963.84 | \$0.006 | \$3,411.25 | 0.65\% |

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding


Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

BCUC ORDER NO.G-141-09, G-158-09
RATE SCHEDULE 23 - LARGE COMMERCIAL T-SERVICE

| Line No. | Particular | EFFECTIVE APRIL 1, 2010 |  |  |  |  | EFFECTIVE JANUARY 1, 2011 RATES |  |  |  |  | Annual Increase/Decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Volume |  | Rate |  | Annual \$ | Volume |  | Rate | Annual \$ |  | Rate | Annual \$ | \% of Previous Annual Bill |
| 2 | LOWER MAINLAND SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Basic Charge | 12 | months x | \$132.52 |  | \$1,590.24 | 12 | months x | \$132.52 |  | \$1,590.24 | \$0.00 | \$0.00 | 0.00\% |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Administration Charge | 12 | months x | \$78.00 | $=$ | \$936.00 | 12 | months x | \$78.00 | $=$ | \$936.00 | \$0.00 | \$0.00 | 0.00\% |
| 7 | Delivery Charge | 4,100.0 | GJ x | \$2.264 | = | \$9,282.4000 | 4,100.0 | GJ x | \$2.318 | = | \$9,503.8000 | \$0.054 | \$221.4000 | 1.90\% |
| 8 | Rider 22009 ROE Rate Rider | 4,100.0 | GJ x | \$0.031 | $=$ | 127.1000 | 4,100.0 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.031) | (127.1000) | -1.09\% |
| 9 | Rider 3 ESM | 4,100.0 | GJ x | (\$0.023) | $=$ | (94.3000) | 4,100.0 | GJ x | (\$0.028) | $=$ | (114.8000) | (\$0.005) | (20.5000) | -0.18\% |
| 10 | Rider 5 RSAM | 4,100.0 | GJ x | (\$0.053) | $=$ | (217.3000) | 4,100.0 | GJ x | (\$0.020) | $=$ | (82.0000) | \$0.033 | 135.3000 | 1.16\% |
| 11 | Transportation - Firm |  |  |  |  | \$9,097.90 |  |  |  |  | \$9,307.00 |  | \$209.10 | 1.80\% |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Non-Standard Charges (not forecast) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 14 \\ & 15 \end{aligned}$ | UOR, Balancing gas, Backstopping Gas, Replacement Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Total (with effective \$/GJ rate) | 4,100.0 |  | \$2.835 |  | \$11,624.14 | 4,100.0 |  | \$2.886 |  | \$11,833.24 | \$0.051 | \$209.10 | 1.80\% |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | INLAND SERVICE AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Basic Charge | 12 | months x | \$132.52 | $=$ | \$1,590.24 | 12 | months x | \$132.52 | $=$ | \$1,590.24 | \$0.00 | \$0.00 | 0.00\% |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | Administration Charge | 12 | months x | \$78.00 | $=$ | \$936.00 | 12 | months x | \$78.00 | $=$ | \$936.00 | \$0.00 | \$0.00 | 0.00\% |
| 22 | Delivery Charge | 4,700.0 | GJ x | \$2.264 | = | \$10,640.8000 | 4,700.0 | GJ x | \$2.318 | $=$ | \$10,894.6000 | \$0.054 | \$253.8000 | 1.96\% |
| 24 | Rider 22009 ROE Rate Rider | 4,700.0 | GJ x | \$0.031 | $=$ | 145.7000 | 4,700.0 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.031) | (145.7000) | -1.12\% |
| 25 | Rider 3 ESM | 4,700.0 | GJ x | (\$0.023) | $=$ | (108.1000) | 4,700.0 | GJ x | (\$0.028) | $=$ | (131.6000) | (\$0.005) | (23.5000) | -0.18\% |
| 26 | Rider 5 RSAM | 4,700.0 | GJ x | (\$0.053) | $=$ | (249.1000) | 4,700.0 | GJ x | (\$0.020) | $=$ | (94.0000) | \$0.033 | 155.1000 | 1.20\% |
| 27 | Transportation - Firm |  |  |  |  | \$10,429.30 |  |  |  |  | \$10,669.00 |  | \$239.70 | 1.85\% |
| 28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 | Non-Standard Charges (not forecast) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | UOR, Balancing gas, Backstopping Gas, Replacement Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 | I otal (with entective \$/GJ rate) | 4,700.0 |  | \$2.756 |  | \$12,955.54 | 4,700.0 |  | \$2.807 |  | \$13,195.24 | \$0.051 | \$239.70 | 1.85\% |
| 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 35 | COLUMBIA SERVICE AREA <br> Basic Charge | 12 | months x | \$132.52 |  | \$1,590.24 | 12 | months x | \$132.52 |  | \$1,590.24 | \$0.00 | \$0.00 | 0.00\% |
| 36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 37 | Administration Charge | 12 | months x | \$78.00 | $=$ | \$936.00 | 12 | months x | \$78.00 | $=$ | \$936.00 | \$0.00 | \$0.00 | 0.00\% |
| 38 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 39 | Delivery Charge | 4,200.0 | GJ x | \$2.264 | = | \$9,508.8000 | 4,200.0 | GJ x | \$2.318 | = | \$9,735.6000 | \$0.054 | \$226.8000 | 1.91\% |
| 40 | Rider 22009 ROE Rate Rider | 4,200.0 | GJ x | \$0.031 | $=$ | 130.2000 | 4,200.0 | GJ x | \$0.000 | $=$ | 0.0000 | (\$0.031) | (130.2000) | -1.10\% |
| 41 | Rider 3 ESM | 4,200.0 | GJ x | (\$0.023) | $=$ | (96.6000) | 4,200.0 | GJ x | (\$0.028) | $=$ | (117.6000) | (\$0.005) | (21.0000) | -0.18\% |
| 42 | Rider 5 RSAM | 4,200.0 | GJ x | (\$0.053) | $=$ | (222.6000) | 4,200.0 | GJ x | (\$0.020) | $=$ | (84.0000) | \$0.033 | 138.6000 | 1.17\% |
| 43 | Transportation - Firm |  |  |  |  | \$9,319.80 |  |  |  |  | \$9,534.00 |  | \$214.20 | 1.81\% |
| 44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45 | Non-Standard Charges (not forecast) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 46 | UOR, Balancing gas, Backstopping Gas, Replacement Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48 | Total (with effective \$/GJ rate) | 4,200.0 |  | \$2.820 |  | \$11,846.04 | 4,200.0 |  | \$2.871 |  | \$12,060.24 | \$0.051 | \$214.20 | 1.81\% |

RATE SCHEDULE 25 -GENERAL FIRM T-SERVICE


TERASEN GAS INC.
BCUC ORDER NO.G-141-09, G-158-09
SCHEDULE 27 - INTERRUPTIBLE T-SERVICE


Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals,
consistent with actual invoice calculations. Slight differences in totals due to rounding


Order No. G-XX-10
Page 1 of 4

TELEPHONE: (604) 660-4700
BC TOLL FREE: 1-800-663-1385
FACSIMILE: (604) 660-1102

## DRAFT ORDER

## IN THE MATTER OF

the Utilities Commission Act, R.S.B.C. 1996, Chapter 473
and
Filings by Terasen Gas Inc. regarding its 2010 Fourth Quarter Gas Costs Report and Rate Changes effective January 1, 2011 for the Lower Mainland, Inland, Columbia Service Areas

## BEFORE:

[December __, 2010]

## WHEREAS:

A. By Order No. G-154-09 dated December 10, 2009, the British Columbia Utilities Commission (the "Commission") approved an increase in the Terasen Gas Inc. ("Terasen Gas") Midstream Cost Recovery Charge for the Lower Mainland, Inland, and Columbia Service Areas, effective January 1, 2010; and
B. By Order No. G-141-09 dated November 26, 2009 and Order No. G-158-09 dated December 26, 2009, the Commission approved the Terasen Gas Lower Mainland, Inland, and Columbia Service Areas variable per GJ Delivery Charges effective January 1, 2011 and the 2009 ROE Rate Rider (Rider 2) charges effective January 1 to December 31, 2010; and
C. The approved Negotiated Settlement Agreement ("NSA") for the Terasen Gas 2010-2011 Revenue Requirements Application, attached as Appendix A to Order No. G-141-09, contains a provision in Section 29, items (b) and (c) that requires Terasen Gas to make application to change the Earnings Sharing Mechanism ("ESM") Rate Rider (Rider 3) and the Revenue Stabilization Adjustment Mechanism ("RSAM") Rate Rider (Rider 5), effective January 1, 2011, at the same time it submits its 2010 Fourth Quarter report on gas costs; and
D. By Order No. G-106-10 dated June 15, 2010, the Commission approved an increase in the Commodity Cost Recovery Charge for the Lower Mainland, Inland, and Columbia Service Areas, effective July 1, 2010; and
E. On December 2, 2010, pursuant to Commission Letter No. L-5-01, Terasen Gas filed its 2010 Fourth Quarter Report on Commodity Cost Reconciliation Account ("CCRA") and Midstream Cost Reconciliation Account ("MCRA") balances and gas commodity charges for the Lower Mainland, Inland and Columbia Service Areas


Order No. G-XX-10
Page 2 of 4

TELEPHONE: (604) 660-4700
BC TOLL FREE: 1-800-663-1385
FACSIMILE: (604) 660-1102
effective January 1, 2011 based on the five-day average of the November 17, 18, 19, 22, and 23, 2010 forward prices for natural gas (the "2010 Fourth Quarter Report"); and
F. The 2010 Fourth Quarter Report forecasts a CCRA balance at existing rates of approximately $\$ 17$ million surplus after tax at December 31, 2010, and a balance of approximately $\$ 29$ million surplus after tax at December 31, 2011; and
G. The 2010 Fourth Quarter Report forecasts that commodity cost recoveries at existing rates would be 109.1 percent of costs for the following 12 months; and
H. Terasen Gas requests approval for a decrease of $\$ 0.408 / \mathrm{GJ}$ to the Commodity Cost Recovery Charges from $\$ 4.976 / \mathrm{GJ}$ to $\$ 4.568 / \mathrm{GJ}$ for natural gas sales rate class customers in Lower Mainland, Inland, and Columbia Service Areas effective January 1, 2011; and
I. The 2010 Fourth Quarter Report forecasts MCRA balance at existing rates of approximately $\$ 5$ million surplus after tax at December 31, 2010; and a balance of approximately $\$ 25$ million surplus after tax at December 31, 2011; and
J. Terasen Gas requests approval of decreases to the Midstream Cost Recovery Charges for the sales rate classes within the Lower Mainland, Inland, and Columbia Service Areas, effective January 1, 2011, that would eliminate the forecast $\$ 25$ million surplus balance in the MCRA at the end of 2011 as shown in the 2010 Fourth Quarter Report; and
K. Terasen Gas requests approval to transfer the residual balance in the Residential Commodity Unbundling Capital deferral account at December 31, 2010 to the Residential Commodity Unbundling O\&M deferral account, and to close the Residential Commodity Unbundling Capital deferral account after December 31, 2010; and
L. Terasen Gas requests approval to reset Rate Rider 8 (Residential Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 1, 1U, and 1X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, at \$0.009/GJ effective January 1, 2011; and
M. Terasen Gas requests approval to reset Rate Rider 8 (Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 2, 2U, 2X, 3, 3U, and 3X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, to zero effective January 1, 2011; and
N. Terasen Gas requests approval to reset the ESM Rate Rider (Rider 3) to the amounts proposed for all nonbypass customer rate classes as shown in the 2010 Fourth Quarter Report effective January 1, 2011; and
O. Terasen Gas requests approval to reset the RSAM Rate Rider (Rider 5) to the amount proposed for the residential and commercial rate classes as shown in the 2010 Fourth Quarter Report effective January 1, 2011; and


Order No. G-XX-10
Page 3 of 4
P. The combined effect of the previously approved rate changes effective January 1, 2011, and the rate changes effective January 1, 2011 requested within the 2010 Fourth Quarter Report will decrease the unit rate for a residential customer in the Lower Mainland service area by $\$ 0.722 / \mathrm{GJ}$, and will decrease the annual bill of a typical residential customer in the Lower Mainland with an average annual consumption of 95 GJ by approximately $\$ 69$ or 6.4 percent; and
Q. The Commission concludes that the requested changes as outlined in the 2010 Fourth Quarter Report should be approved.

NOW THEREFORE pursuant to section 61(4) of the Utilities Commission Act, the Commission orders as follows:

1. The Commission approves the proposed flow-through decrease to the Commodity Cost Recovery Charge for Sales Rate Classes within the Lower Mainland, Inland, and Columbia Service Areas, effective January 1, 2011, to a rate of $\$ 4.568 / G J$ as set out in the 2010 Fourth Quarter Report.
2. The Commission approves the proposed flow-through decreases to the Midstream Cost Recovery Charges for Sales Rate Classes within the Lower Mainland, Inland, and Columbia Service Areas, effective January 1, 2011, as set out in the 2010 Fourth Quarter Report.
3. The Commission approves the transfer of the residual balance in the Residential Commodity Unbundling Capital deferral account at December 31, 2010 to the Residential Commodity Unbundling O\&M deferral account, and to close the Residential Commodity Unbundling Capital deferral account after December 31, 2010.
4. The Commission approves resetting Rate Rider 8 (Residential Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 1, 1U, and 1X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, at \$0.009/GJ effective January 1, 2011.
5. The Commission approves resetting Rate Rider 8 (Commercial Commodity Unbundling Deferred Cost Recovery Rate Rider), applicable to Rate Schedules 2, 2U, 2X, 3, 3U, and 3X customers within the Lower Mainland, Inland, and Columbia service areas excluding Revelstoke and Fort Nelson, to zero effective January 1, 2011.
6. The Commission approves resetting the ESM Rate Rider (Rider 3) to the amounts proposed for all non-bypass customer rate classes as shown in the 2010 Fourth Quarter Report effective January 1, 2011.
7. The Commission approves resetting the RSAM Rate Rider (Rider 5) to the amount proposed for the residential and commercial rate classes as shown in the 2010 Fourth Quarter Report effective January 1, 2011.
8. Terasen Gas will notify all customers that are affected by the rate change with a bill insert or bill message to be included with the next monthly gas billing.


Order No. G-XX-10
Page 4 of 4

TELEPHONE: (604) 660-4700 BC TOLL FREE: 1-800-663-1385 FACSIMILE: (604) 660-1102


[^0]:    otes: Slight differences in totals due to rounding.

