

**1. Reference: 1<sup>st</sup> Round Information Request #1 [General]**

- a) A mid-application update is anticipated on September 29, 2022:
- a. Where applicable, please provide responses to 2<sup>nd</sup> round questions based on the updated Application.
  - b. With reference to the response to 1<sup>st</sup> Round information Request 1(a) – please provide updated versions of the requested schedules in MS excel format with formulae intact (based on the September 29, 2022 mid-application update).

The schedules have been provided in MS excel format, with the formulas intact. Because the schedules are produced from SaskEnergy's cost of gas model, which is proprietary to SaskEnergy, the excel sheets contain external links.

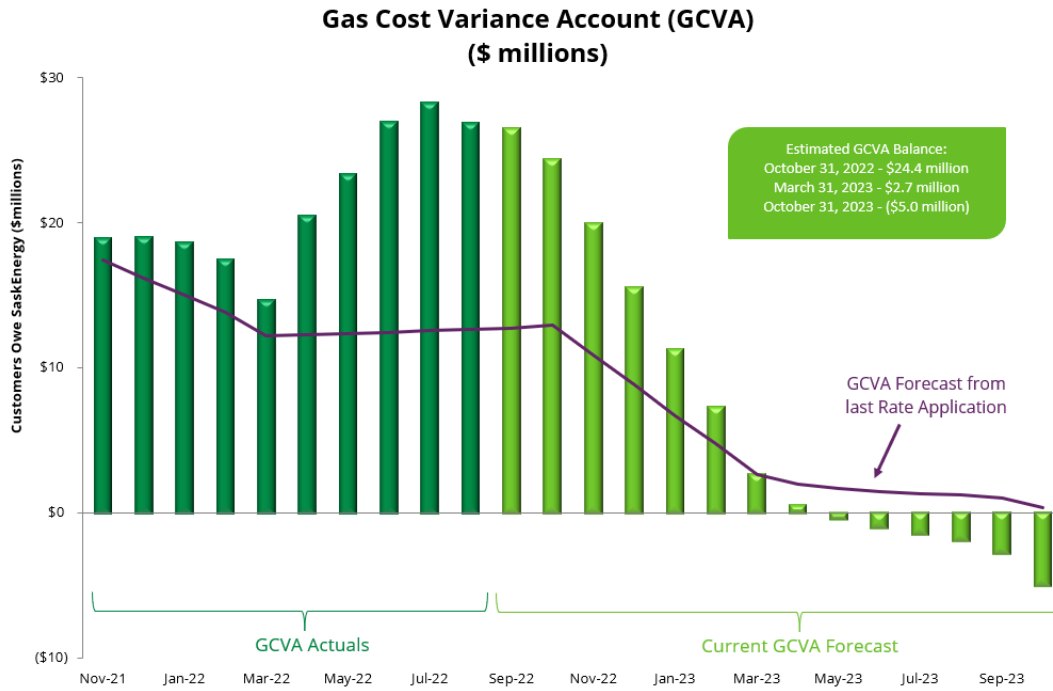
Please see confidential Attachment 1.

- b) Please update the response to 1st Round Information Request 1(b) based on the results of the September 29, 2022 mid-application update filing. Please comment in detail on the impact of changes provided in the mid-application update compared to the response provided on August 24, 2022.

Market volatility has continued throughout the fall. Since August 24, 2022, forward natural gas prices initially spiked with AECO winter reaching highs near \$8.00/GJ and AECO summer 2023 over \$5.00/GJ. However, over the past couple of weeks energy prices, including natural gas, have fallen drastically along with most other capital markets. For the mid-application update, natural gas prices as of September 21, 2022 were used. AECO winter is at \$6.18/GJ, while next summer is at \$4.41/GJ – lower than what was provided in the responses on August 24, 2022.

However, SaskEnergy's load has increased due to the return of almost half of the gas retailer load as noted in Question 2 c. This results in more natural gas required to be bought at market prices (as opposed to hedged at a lower price).

Overall, with the lower prices, but higher load, the impact on the GCVA is minimal compared to the response provided on August 24, 2022.



SaskEnergy 2022 Delivery Service & Commodity Rate Application  
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|           | Current Rate<br>Application -<br>September<br>Update | Last Rate<br>Application |
|-----------|--|--------------------------|
|           | (\$ millions)  |                          |
| 30-Nov-21 | \$18.9   | \$17.4                   |
| 31-Dec-21 | \$19.0   | \$16.2                   |
| 31-Jan-22 | \$18.6   | \$15.0                   |
| 28-Feb-22 | \$17.5   | \$13.8                   |
| 31-Mar-22 | \$14.7   | \$12.2                   |
| 30-Apr-22 | \$20.5   | \$12.3                   |
| 31-May-22 | \$23.4   | \$12.4                   |
| 30-Jun-22 | \$27.0   | \$12.5                   |
| 31-Jul-22 | \$28.3   | \$12.6                   |
| 31-Aug-22 | \$26.9   | \$12.7                   |
| 30-Sep-22 | \$26.5   | \$12.8                   |
| 31-Oct-22 | \$24.4   | \$12.9                   |
| 30-Nov-22 | \$20.0   | \$10.9                   |
| 31-Dec-22 | \$15.6   | \$8.8                    |
| 31-Jan-23 | \$11.3   | \$6.7                    |
| 28-Feb-23 | \$7.3  | \$4.8                    |
| 31-Mar-23 | \$2.7  | \$2.7                    |
| 30-Apr-23 | \$0.6  | \$2.0                    |
| 31-May-23 | (\$0.4)  | \$1.7                    |
| 30-Jun-23 | (\$1.0)  | \$1.5                    |
| 31-Jul-23 | (\$1.5)  | \$1.4                    |
| 31-Aug-23 | (\$2.0)  | \$1.2                    |
| 30-Sep-23 | (\$2.8)  | \$1.0                    |
| 31-Oct-23 | (\$5.0)  | \$0.4                    |

- c) With reference to 1st Round Information Request 1(c) – please provide updated actuals for 2022 to date. Please comment in detail on the impact of changes provided in the mid-application update compared to the Information Request response provided on August 24, 2022.

Impact of changes are discussed in Question 1 b.

# SaskEnergy 2022 Delivery Service & Commodity Rate Application Information Requests – Round 2

Schedule 2.0

## SaskEnergy Incorporated Actual Cost of Gas Sold (\$000's) September 1, 2021 - August 22, 2022

| Line | Description                                       | 1               | 2               | 3               | 4               | 5               | 6               | 7               | 8               | 9               | 10              | 11              | 12              | 13               |
|------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
|      |   | Sep-21          | Oct-21          | Nov-21          | Dec-21          | Jan-22          | Feb-22          | Mar-22          | Apr-22          | May-22          | Jun-22          | Jul-22          | Aug-22          | TOTAL            |
| 1    | Saskatchewan Purchases - Floating Price           | \$2,358         | \$2,768         | \$3,327         | \$4,896         | \$3,308         | \$3,218         | \$3,772         | \$3,547         | \$5,352         | \$8,445         | \$6,065         | \$3,766         | \$50,821         |
| 2    | Alberta Purchases - Fixed Price                   | \$5,663         | \$5,852         | \$7,213         | \$7,454         | \$7,454         | \$6,732         | \$7,454         | \$6,839         | \$7,067         | \$6,839         | \$7,067         | \$7,067         | \$82,699         |
| 3    | Alberta Purchases - Floating Price                | \$6,485         | \$10,127        | \$6,433         | \$9,191         | \$8,277         | \$4,005         | \$2,325         | \$9,135         | \$10,100        | \$11,862        | \$8,950         | \$2,846         | \$89,735         |
| 4    | Price Risk Management (Inflows)/Outflows          | \$0             | \$0             | \$4,083         | \$3,193         | \$3,775         | \$3,897         | \$4,927         | \$0             | \$0             | \$0             | \$0             | \$0             | \$19,876         |
| 5    | Costs upstream of TEP                             | \$2,373         | \$2,370         | \$2,393         | \$2,415         | \$2,408         | \$2,394         | \$2,393         | \$2,510         | \$2,446         | \$2,447         | \$2,427         | \$2,478         | \$29,054         |
| 6    | <b>Cost of Purchase Gas</b>                       | <b>\$16,879</b> | <b>\$21,117</b> | <b>\$23,449</b> | <b>\$27,148</b> | <b>\$25,222</b> | <b>\$20,246</b> | <b>\$20,872</b> | <b>\$22,030</b> | <b>\$24,964</b> | <b>\$29,592</b> | <b>\$24,508</b> | <b>\$16,157</b> | <b>\$272,186</b> |
| 7    | Storage Withdrawal (injection)                    | (\$12,164)      | (\$6,904)       | \$3,975         | \$12,853        | \$16,003        | \$17,096        | \$9,421         | \$603           | (\$15,129)      | (\$19,915)      | (\$20,105)      | (\$11,017)      | (\$25,284)       |
| 8    | Gas in Storage Interest Expense                   | \$4             | \$4             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$56             |
| 9    | Gas Supply Operating Maintenance & Admin Expenses | \$106           | \$106           | \$115           | \$115           | \$115           | \$115           | \$115           | \$115           | \$115           | \$115           | \$115           | \$115           | \$1,366          |
| 10   | Gas Supply Related Bad Debt Expense               | \$12            | \$30            | \$105           | \$168           | \$171           | \$153           | \$116           | \$84            | \$34            | \$30            | \$16            | \$33            | \$951            |
| 11   | Less Gas Supply Related Late Payment Charges      | (\$27)          | (\$24)          | (\$36)          | (\$55)          | (\$91)          | (\$158)         | (\$186)         | (\$117)         | (\$139)         | (\$82)          | (\$48)          | (\$47)          | (\$1,010)        |
| 12   | Less Cost of Internal Usage                       | (\$37)          | (\$37)          | (\$58)          | (\$104)         | (\$140)         | (\$197)         | (\$170)         | (\$210)         | (\$151)         | (\$116)         | (\$60)          | (\$30)          | (\$1,309)        |
| 13   | <b>Cost of Gas Sold</b>                           | <b>\$4,772</b>  | <b>\$14,292</b> | <b>\$27,555</b> | <b>\$40,131</b> | <b>\$41,284</b> | <b>\$37,260</b> | <b>\$30,173</b> | <b>\$22,510</b> | <b>\$9,699</b>  | <b>\$9,630</b>  | <b>\$4,431</b>  | <b>\$5,217</b>  | <b>\$246,956</b> |

| Volume (Gigajoules - 000s) |  |         |         |         |          |          |         |         |         |         |         |         |         |         |
|----------------------------|--|---------|---------|---------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Line                       | Description                              | 1       | 2       | 3       | 4        | 5        | 6       | 7       | 8       | 9       | 10      | 11      | 12      | 13      |
|                            |  | Sep-21  | Oct-21  | Nov-21  | Dec-21   | Jan-22   | Feb-22  | Mar-22  | Apr-22  | May-22  | Jun-22  | Jul-22  | Aug-22  | TOTAL   |
| 14                         | Customer Sales                           | \$1,316 | \$3,432 | \$6,349 | \$10,422 | \$10,523 | \$9,387 | \$7,077 | \$5,145 | \$2,102 | \$1,841 | \$955   | \$1,541 | 60,090  |
| 15                         | Purchases (less Fuel Gas & Line Loss)    | \$4,749 | \$5,113 | \$5,192 | \$6,652  | \$5,832  | \$4,392 | \$4,349 | \$5,014 | \$5,420 | \$5,697 | \$5,386 | \$4,870 | 62,667  |
| 16                         | Cost of Purchase Gas (Gj)                | \$3,554 | \$4,130 | \$4,517 | \$4,081  | \$4,325  | \$4,610 | \$4,799 | \$4,393 | \$4,606 | \$5,195 | \$4,550 | \$3,317 |         |
| 17                         | Storage Withdrawal (injection)           | (3,422) | (1,672) | 1,176   | 3,802    | 4,734    | 5,058   | 2,787   | 137     | (3,285) | (3,834) | (4,418) | (3,321) | (2,258) |
| 18                         | Storage Withdrawal (injection) Rate (Gj) | \$3,554 | \$4,130 | \$3,380 | \$3,380  | \$3,380  | \$3,380 | \$3,380 | \$4,393 | \$4,605 | \$5,194 | \$4,550 | \$3,317 |         |
| 19                         | Internal Usage                           | (10)    | (9)     | (19)    | (32)     | (44)     | (63)    | (59)    | (7)     | (33)    | (22)    | (13)    | (9)     | (319)   |

Note: Numbers may not add up exact due to rounding.

Schedule 2.1

## SaskEnergy Incorporated Actual Gas Prices for September 1, 2021 - August 22, 2022 \$/Gigajoule

| Line | Description   | 1        | 2        | 3         | 4         | 5         | 6         | 7         | 8        | 9        | 10       | 11       | 12       |
|------|---|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|
|      |   | Sep-21   | Aug-21   | Nov-21    | Dec-21    | Jan-22    | Feb-22    | Mar-22    | Apr-22   | May-22   | Jun-22   | Jul-22   | Aug-22   |
| 1    | AECO Forward Prices   | \$3.502  | \$3.898  | \$5.395   | \$4.755   | \$4.095   | \$4.459   | \$4.493   | \$4.556  | \$5.910  | \$7.374  | \$6.834  | \$5.034  |
|      | <b>COST OF PURCHASE GAS</b>   |          |          |           |           |           |           |           |          |          |          |          |          |
| 2    | Cost of Purchase Gas - Fixed Price  | \$2.389  | \$2.389  | \$2.357   | \$2.357   | \$2.357   | \$2.357   | \$2.357   | \$2.280  | \$2.280  | \$2.280  | \$2.280  | \$2.280  |
| 3    | Cost of Purchase Gas - Floating Price   | \$3.631  | \$4.736  | \$4.654   | \$4.087   | \$4.238   | \$4.574   | \$4.810   | \$6.119  | \$6.490  | \$7.371  | \$6.418  | \$3.639  |
| 4    | Cost of Purchase Gas Before Financial Hedges                                  | \$3.018  | \$3.625  | \$3.233   | \$3.209   | \$3.230   | \$3.144   | \$3.077   | \$3.848  | \$4.108  | \$4.717  | \$4.059  | \$2.782  |
| 5    | Change in Price due to Financial Hedges                                       | \$0.000  | \$0.000  | (\$0.778) | (\$0.476) | (\$0.641) | (\$0.878) | (\$1.119) | \$0.000  | \$0.000  | \$0.000  | \$0.000  | \$0.000  |
| 6    | Receipt Transport   | \$0.494  | \$0.458  | \$0.456   | \$0.360   | \$0.409   | \$0.540   | \$0.544   | \$0.495  | \$0.446  | \$0.425  | \$0.446  | \$0.504  |
| 7    | Forecast Cost of Purchase Gas   | 3.512    | 4.083    | 2.911     | 3.093     | 2.998     | 2.806     | 2.501     | 4.343    | 4.555    | 5.142    | 4.506    | 3.286    |
| 8    | Volume Adjusted Cost of Purchase Gas <sup>1</sup>                             | \$3.554  | \$4.130  | \$2.944   | \$3.121   | \$3.029   | \$2.834   | \$2.532   | \$4.393  | \$4.605  | \$5.194  | \$4.550  | \$3.317  |
|      | <b>COST OF GAS SOLD</b>   |          |          |           |           |           |           |           |          |          |          |          |          |
| 9    | Purchase Price  | 3.554    | 4.130    | 2.944     | 3.121     | 3.029     | 2.834     | 2.532     | 4.393    | 4.605    | 5.194    | 4.550    | 3.317    |
| 10   | % of Sales met with Purchases   | 100.0%   | 0.0%     | 81.5%     | 63.5%     | 55.0%     | 46.1%     | 60.6%     | 96.5%    | 256.3%   | 308.3%   | 562.7%   | 315.6%   |
| 11   | Inventory Withdrawal Price  | \$3.307  | \$3.380  | \$3.380   | \$3.380   | \$3.380   | \$3.380   | \$3.380   | \$3.380  | \$4.311  | \$4.726  | \$4.664  | \$4.383  |
| 12   | % of Sales met with Inventory   | 0%       | 100%     | 18.5%     | 36.5%     | 45.0%     | 53.9%     | 39.4%     | 3.5%     | -156.3%  | -208.3%  | -462.7%  | -215.6%  |
| 13   | Cost of Gas Sold before OM&A  | 3.554    | 3.380    | 3.024     | 3.216     | 3.187     | 3.128     | 2.866     | 4.358    | 5.064    | 6.168    | 4.021    | 1.020    |
| 14   | Interest, OM&A and Bad Debt Expense<br>Less Late Payment Charges <sup>2</sup> | \$0.07   | \$0.03   | \$0.03    | \$0.02    | \$0.02    | \$0.01    | \$0.01    | \$0.02   | \$0.01   | \$0.04   | \$0.10   | \$0.07   |
| 15   | Forecast Cost of Gas Sold   | \$ 3.628 | \$ 3.415 | \$ 3.055  | \$ 3.238  | \$ 3.206  | \$ 3.141  | \$ 2.874  | \$ 4.376 | \$ 5.073 | \$ 6.208 | \$ 4.117 | \$ 1.092 |

<sup>1</sup> The volume of purchase gas has been adjusted for Fuel Gas and Line Loss.

<sup>2</sup> Interest, OM&A, Bad Debt Expense and Late Payment Charges are budgeted annually and calculated as equal monthly expenses. Due to the varying monthly sales volumes, the impact on the Cost of Gas Sold will be minimal during months where sales volumes are high and considerably greater when sales volumes are low.

# SaskEnergy 2022 Delivery Service & Commodity Rate Application Information Requests – Round 2

Schedule 2.2

## SaskEnergy Incorporated Storage Inventory Details - Actual Cost of Gas September 1, 2021 - August 22, 2022

|   | 1                  | 2                 | 3               | 4                | 5                | 6                | 7               | 8             | 9                  | 10                 | 11                 | 12                 |
|---|--------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------|---------------|--------------------|--------------------|--------------------|--------------------|
|   | Sep-21             | Oct-21            | Nov-21          | Dec-21           | Jan-22           | Feb-22           | Mar-22          | Apr-22        | May-22             | Jun-22             | Jul-22             | Aug-22             |
| <b>Line Gas in Storage - Volume</b>               |                    |                   |                 |                  |                  |                  |                 |               |                    |                    |                    |                    |
| 1 Opening Balance (000's GJs)                     | 13,678             | 17,101            | 18,772          | 17,596           | 13,794           | 9,060            | 4,002           | 1,215         | 1,036              | 4,322              | 8,156              | 12,574             |
| 2 Closing Balance (000's GJs)                     | 17,101             | 18,772            | 17,596          | 13,794           | 9,060            | 4,002            | 1,215           | 1,036         | 4,322              | 8,156              | 12,574             | 15,895             |
| 3 (Injections)/ Withdrawals (000's GJs)           | (3,422)            | (1,672)           | 1,176           | 3,802            | 4,734            | 5,058            | 2,787           | 178           | (3,285)            | (3,834)            | (4,418)            | (3,321)            |
| 4 (Injection)/Withdrawal Price                    | \$3.55             | \$4.13            | \$3.38          | \$0.00           | \$0.00           | \$0.00           | \$0.00          | \$0.00        | \$0.00             | \$0.00             | \$0.00             | \$3.32             |
| 5 <b>Weighted Average Price of Gas in Storage</b> | <b>\$3.31</b>      | <b>\$3.38</b>     | <b>\$3.38</b>   | <b>\$3.38</b>    | <b>\$3.38</b>    | <b>\$3.38</b>    | <b>\$3.38</b>   | <b>\$3.38</b> | <b>\$4.31</b>      | <b>\$4.73</b>      | <b>\$4.66</b>      | <b>\$4.38</b>      |
| <b>Cost of Gas in Storage</b>                     |                    |                   |                 |                  |                  |                  |                 |               |                    |                    |                    |                    |
| 6 Opening Balance (\$000)                         | \$ 44,384          | \$ 56,548         | \$ 63,453       | \$ 59,478        | \$ 46,625        | \$ 30,622        | \$ 13,527       | \$ 4,105      | \$ 3,503           | \$ 18,632          | \$ 38,547          | \$ 58,651          |
| 7 Closing Balance (\$000)                         | \$ 56,548          | \$ 63,453         | \$ 59,478       | \$ 46,625        | \$ 30,622        | \$ 13,527        | \$ 4,105        | \$ 3,503      | \$ 18,632          | \$ 38,547          | \$ 58,651          | \$ 69,669          |
| 8 <b>Net Change in Inventory (\$000)</b>          | <b>\$ (12,164)</b> | <b>\$ (6,904)</b> | <b>\$ 3,975</b> | <b>\$ 12,853</b> | <b>\$ 16,003</b> | <b>\$ 17,096</b> | <b>\$ 9,421</b> | <b>\$ 603</b> | <b>\$ (15,129)</b> | <b>\$ (19,915)</b> | <b>\$ (20,105)</b> | <b>\$ (11,017)</b> |

|  | Mar-21  | Apr-21   | May-21   | Jun-21   | Jul-21   | Aug-21   | Sep-21   | Oct-21   | Nov-21   | Dec-21   | Jan-22   | Feb-22   | Mar-22  | TOTAL   |
|--|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| <b>Line Storage Inventory Carrying Costs</b> |         |          |          |          |          |          |          |          |          |          |          |          |         |         |
| ← Summer →                                   |         |          |          |          |          |          |          |          |          |          |          |          |         |         |
| 9 Gas in Storage Closing Balance             | \$9,309 | \$8,254  | \$15,174 | \$22,724 | \$34,687 | \$44,384 | \$56,548 | \$63,453 | \$59,478 | \$46,625 | \$30,622 | \$13,527 | \$4,105 | \$4,105 |
| 10 Average Daily Balance                     | \$8,782 | \$11,714 | \$18,949 | \$28,705 | \$39,536 | \$50,466 | \$60,001 | \$61,465 | \$53,051 | \$38,624 | \$22,074 | \$8,816  | \$8,816 | \$8,816 |
| 11 Interest Rate                             | 0.11%   | 0.11%    | 0.12%    | 0.15%    | 0.17%    | 0.17%    | 0.17%    | 0.19%    | 0.15%    | 0.17%    | 0.24%    | 0.50%    |         |         |
| 12 Calculated Monthly Interest Charge        | \$1     | \$1      | \$2      | \$4      | \$6      | \$7      | \$9      | \$10     | \$7      | \$6      | \$4      | \$4      |         |         |
| 13 Total Annual Interest                     |         |          |          |          |          |          |          |          |          |          |          |          |         | \$59    |
| 14 Amortized Monthly Interest Charge         |         |          |          |          |          |          |          |          |          |          |          |          |         | \$5     |

Note: Tables might not add precisely due to rounding.

Schedule 3.0

## SaskEnergy Incorporated Gas Cost Variance Account (\$000's) September 1, 2021 - August 22, 2022

|   | 1              | 2               | 3               | 4               | 5               | 6               | 7               | 8               | 9              | 10             | 11             | 12             | 13               |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|------------------|
| Line  | Sep-21         | Oct-21          | Nov-21          | Dec-21          | Jan-22          | Feb-22          | Mar-22          | Apr-22          | May-22         | Jun-22         | Jul-22         | Aug-22         | TOTAL            |
| 1 GCVA Balance Forward at August 31, 2021                 |                | \$13,299        |                 |                 |                 |                 |                 |                 |                |                |                |                | \$13,299         |
| 2 Opening Cumulative GCVA Balance - Under/(Over) Recovery | \$13,299       | \$14,728        | \$20,443        | \$18,936        | \$19,035        | \$18,635        | \$17,491        | \$14,688        | \$20,471       | \$23,361       | \$26,965       | \$28,274       |                  |
| 3 Purchases - Alberta                                     | \$12,148       | \$15,979        | \$13,646        | \$16,644        | \$15,731        | \$10,737        | \$9,779         | \$15,974        | \$17,166       | \$18,700       | \$16,017       | \$9,913        | \$172,434        |
| 4 Purchases - Saskatchewan                                | \$2,358        | \$2,768         | \$3,327         | \$4,896         | \$3,308         | \$3,218         | \$3,772         | \$3,547         | \$5,352        | \$8,445        | \$6,065        | \$3,766        | \$50,821         |
| 5 Less Purchase of Other Gas Sales                        | \$0            | (\$1)           | (\$1)           | \$0             | (\$8)           | (\$4)           | (\$6)           | (\$2)           | (\$3)          | (\$2)          | \$0            | \$0            | (\$27)           |
| 6 Price Risk Management (Inflows)/Outflows                | \$0            | \$0             | (\$4,083)       | (\$3,193)       | (\$3,775)       | (\$3,897)       | (\$4,927)       | \$0             | \$0            | \$0            | \$0            | \$0            | (\$19,876)       |
| 7 Transportation  | \$2,373        | \$2,370         | \$2,393         | \$2,415         | \$2,408         | \$2,394         | \$2,393         | \$2,510         | \$2,446        | \$2,447        | \$2,427        | \$2,478        | \$29,054         |
| 8 Cost of Purchase Gas                                    | \$16,879       | \$21,116        | \$15,282        | \$20,762        | \$17,664        | \$12,448        | \$11,011        | \$22,029        | \$24,961       | \$29,590       | \$24,508       | \$16,157       | \$232,406        |
| 9 Storage Withdrawal (Injection)                          | (\$12,164)     | (\$6,904)       | \$3,975         | \$12,853        | \$16,003        | \$17,096        | \$9,421         | \$603           | (\$15,129)     | (\$19,915)     | (\$20,105)     | (\$11,017)     | (\$25,284)       |
| 10 Gas in Storage Interest Expense                        | \$4            | \$4             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5            | \$5            | \$5            | \$5            | \$56             |
| 11 Gas Supply Operating Maintenance & Admin Expenses      | \$110          | \$110           | \$119           | \$119           | \$119           | \$119           | \$119           | \$119           | \$119          | \$119          | \$119          | \$119          | \$1,411          |
| 12 Gas Supply Related Bad Debt Expense                    | \$12           | \$30            | \$105           | \$168           | \$171           | \$153           | \$116           | \$84            | \$34           | \$30           | \$16           | \$33           | \$951            |
| 13 Less Gas Supply Related Late Payment Charges           | (\$27)         | (\$24)          | (\$36)          | (\$55)          | (\$91)          | (\$158)         | (\$186)         | (\$117)         | (\$139)        | (\$82)         | (\$48)         | (\$47)         | (\$1,010)        |
| 14 Less Cost of Internal Usage                            | (\$37)         | (\$37)          | (\$58)          | (\$104)         | (\$140)         | (\$197)         | (\$170)         | (\$210)         | (\$151)        | (\$116)        | (\$60)         | (\$30)         | (\$1,309)        |
| 15 <b>Cost of Gas Sold</b>                                | <b>\$4,776</b> | <b>\$14,294</b> | <b>\$19,392</b> | <b>\$33,748</b> | <b>\$33,730</b> | <b>\$29,466</b> | <b>\$20,316</b> | <b>\$22,512</b> | <b>\$9,700</b> | <b>\$9,632</b> | <b>\$4,435</b> | <b>\$5,221</b> | <b>\$207,221</b> |
| 16 Commodity Sales Revenue (\$3.20/GJ)                    | \$3,348        | \$8,581         | \$20,902        | \$33,651        | \$34,131        | \$30,612        | \$23,122        | \$16,736        | \$6,826        | \$6,055        | \$3,170        | \$6,625        | \$193,759        |
| 17 Gain (loss) on other gas sales                         | 0              | 0               | 1               | 0               | 2               | 1               | 4               | 1               | 2              | 1              | 0              | 0              | \$12             |
| 18 Period GCVA Balance                                    | \$1,428        | \$5,713         | (\$1,510)       | \$97            | (\$404)         | (\$1,147)       | (\$2,809)       | \$5,775         | \$2,872        | \$3,575        | \$1,265        | (\$1,404)      | \$13,450         |
| 19 Period GCVA Interest                                   | \$2            | \$3             | \$3             | \$2             | \$3             | \$3             | \$7             | \$7             | \$19           | \$28           | \$44           | \$58           | \$179            |
| 20 Closing Cumulative GCVA Balance (Line 2+18+19)         | \$14,728       | \$20,443        | \$18,936        | \$19,035        | \$18,635        | \$17,491        | \$14,688        | \$20,471        | \$23,361       | \$26,965       | \$28,274       | \$26,928       | \$26,928         |

| Volume (Gigajoules - 000s)                     |         |         |         |         |         |         |         |         |         |         |         |         |         |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|  | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | 10      | 11      | 12      | 13      |
| Line   | Sep-21  | Oct-21  | Nov-21  | Dec-21  | Jan-22  | Feb-22  | Mar-22  | Apr-22  | May-22  | Jun-22  | Jul-22  | Aug-22  | TOTAL   |
| 21 Customer Sales                              | 1,316   | 3,432   | 6,349   | 10,422  | 10,523  | 9,387   | 7,077   | 5,145   | 2,102   | 1,841   | 955     | 1,541   | 60,164  |
| 22 Purchases (less Fuel Gas & Line Loss)       | 4,749   | 5,113   | 5,192   | 6,652   | 5,832   | 4,392   | 4,349   | 5,014   | 5,420   | 5,697   | 5,386   | 4,870   | 62,667  |
| 23 Cost of Purchase Gas (\$/GJ)                | \$3,554 | \$4,130 | \$2,944 | \$3,121 | \$3,029 | \$2,834 | \$2,532 | \$4,393 | \$4,605 | \$5,194 | \$4,550 | \$3,317 |         |
| 24 Storage Withdrawal (Injection)              | (3,422) | (1,672) | 1,176   | 3,802   | 4,734   | 5,058   | 2,787   | 137     | (3,285) | (3,834) | (4,418) | (3,321) | (2,258) |
| 25 Storage Withdrawal (Injection) Rate (\$/GJ) | \$3,554 | \$4,130 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$4,393 | \$4,605 | \$5,194 | \$4,550 | \$3,317 |         |
| 26 Internal Usage                              | (10)    | (9)     | (19)    | (32)    | (44)    | (63)    | (59)    | (7)     | (33)    | (22)    | (13)    | (9)     | (319)   |

Note: Numbers may not add up exact due to rounding.

SaskEnergy 2022 Delivery Service & Commodity Rate Application  
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Schedule 3.1

**SaskEnergy Incorporated**  
**Storage Inventory Details - Gas Cost Variance Account**  
**September 1, 2021 - August 22, 2022**

|                                | 1   | 2                  | 3                 | 4               | 5                | 6                | 7                | 8               | 9             | 10                 | 11                 | 12                 |                    |
|--------------------------------|---|--------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------|---------------|--------------------|--------------------|--------------------|--------------------|
|                                | Sep-21  | Oct-21             | Nov-21            | Dec-21          | Jan-22           | Feb-22           | Mar-22           | Apr-22          | May-22        | Jun-22             | Jul-22             | Aug-22             |                    |
| <b>Gas in Storage - Volume</b> |   |                    |                   |                 |                  |                  |                  |                 |               |                    |                    |                    |                    |
| 1                              | Opening Balance (000's Gjs)                     | 13,678             | 17,101            | 18,772          | 17,596           | 13,794           | 9,060            | 4,002           | 1,215         | 1,036              | 4,322              | 8,156              | 12,574             |
| 2                              | Closing Balance (000's Gjs)                     | 17,101             | 18,772            | 17,596          | 13,794           | 9,060            | 4,002            | 1,215           | 1,036         | 4,322              | 8,156              | 12,574             | 15,895             |
| 3                              | (Injections)/ Withdrawals (000's Gjs)           | (3,422)            | (1,672)           | 1,176           | 3,802            | 4,734            | 5,058            | 2,787           | 178           | (3,285)            | (3,834)            | (4,418)            | (3,321)            |
| 4                              | (Injection)/Withdrawal Price                    | \$3.55             | \$4.13            | \$0.00          | \$0.00           | \$0.00           | \$0.00           | \$0.00          | \$4.39        | \$4.61             | \$5.19             | \$4.55             | \$3.32             |
| 5                              | <b>Weighted Average Price of Gas in Storage</b> | <b>\$3.31</b>      | <b>\$3.38</b>     | <b>\$3.38</b>   | <b>\$3.38</b>    | <b>\$3.38</b>    | <b>\$3.38</b>    | <b>\$3.38</b>   | <b>\$3.38</b> | <b>\$4.31</b>      | <b>\$4.73</b>      | <b>\$4.66</b>      | <b>\$4.38</b>      |
| <b>Cost of Gas in Storage</b>  |   |                    |                   |                 |                  |                  |                  |                 |               |                    |                    |                    |                    |
| 6                              | Opening Balance (\$000)                         | \$ 44,384          | \$ 56,548         | \$ 63,453       | \$ 59,478        | \$ 46,625        | \$ 30,622        | \$ 13,527       | \$ 4,105      | \$ 3,503           | \$ 18,632          | \$ 38,547          | \$ 58,651          |
| 7                              | Closing Balance (\$000)                         | \$ 56,548          | \$ 63,453         | \$ 59,478       | \$ 46,625        | \$ 30,622        | \$ 13,527        | \$ 4,105        | \$ 3,503      | \$ 18,632          | \$ 38,547          | \$ 58,651          | \$ 69,669          |
| 8                              | <b>Net Change in Inventory (\$000)</b>          | <b>\$ (12,164)</b> | <b>\$ (6,904)</b> | <b>\$ 3,975</b> | <b>\$ 12,853</b> | <b>\$ 16,003</b> | <b>\$ 17,096</b> | <b>\$ 9,421</b> | <b>\$ 603</b> | <b>\$ (15,129)</b> | <b>\$ (19,915)</b> | <b>\$ (20,105)</b> | <b>\$ (11,017)</b> |

| Line                                    | Mar-21                             | Apr-21  | May-21   | Jun-21   | Jul-21   | Aug-21   | Sep-21   | Oct-21   | Nov-21   | Dec-21   | Jan-22   | Feb-22   | Mar-22   | TOTAL   |
|---|------------------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| <b>Storage Inventory Carrying Costs</b> |                                    |         |          |          |          |          |          |          |          |          |          |          |          |         |
|   | ← Previous Summer →                |         |          |          |          |          |          |          |          |          |          |          |          |         |
| 9                                       | Gas in Storage Closing Balance     | \$9,309 | \$8,254  | \$15,174 | \$22,724 | \$34,687 | \$44,384 | \$56,548 | \$63,453 | \$59,478 | \$46,625 | \$30,622 | \$13,527 | \$4,105 |
| 10                                      | Average Daily Balance              | \$8,782 | \$11,714 | \$18,949 | \$28,705 | \$39,536 | \$50,466 | \$60,001 | \$61,465 | \$53,051 | \$38,624 | \$22,074 | \$8,816  | \$8,816 |
| 11                                      | Interest Rate                      |         | 0.11%    | 0.11%    | 0.12%    | 0.15%    | 0.17%    | 0.17%    | 0.19%    | 0.15%    | 0.17%    | 0.24%    | 0.50%    |         |
| 12                                      | Calculated Monthly Interest Charge |         | \$1      | \$1      | \$2      | \$4      | \$6      | \$7      | \$9      | \$10     | \$7      | \$6      | \$4      | \$4     |
| 13                                      | Total Annual Interest              |         |          |          |          |          |          |          |          |          |          |          |          | \$59    |
| 14                                      | Amortized Monthly Interest Charge  |         |          |          |          |          |          |          |          |          |          |          |          | \$5     |

Note: Numbers may not add up exact due to rounding.

**2. Reference: 1<sup>st</sup> Round Information Request #2 [Proposed Commodity Rate]**

a) With reference to the response to 1st Round Information Request 2(b) please confirm the updated heating value as provided in the mid-application update and detail the updated data used to calculate the updated heating value included in the mid-application update.

The heating value used in the mid-application update is 39.50 MJ/m<sup>3</sup>. The updated data includes reviewing where gas is being sourced. The information indicates reduced Southeast gas production contributing to lower heat values expected.

b) With reference to the response to 1st Round Information Request 2(c), please update the table with results based on the updated heating value.

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| Region           | Heat Value (MJ/m <sup>3</sup> ) | Current Commodity Bill (\$) | Proposed Commodity Bill (\$) | Commodity Impact (\$) |
|------------------|---------------------------------|-----------------------------|------------------------------|-----------------------|
| Regina           | 40.40                           | \$ 320.83                   | \$ 416.07                    | \$ 95.25              |
| Moose Jaw        | 38.62                           | \$ 335.64                   | \$ 435.29                    | \$ 99.65              |
| Weyburn          | 42.05                           | \$ 308.24                   | \$ 399.76                    | \$ 91.51              |
| Estevan          | 42.99                           | \$ 301.45                   | \$ 390.95                    | \$ 89.50              |
| Swift Current    | 38.61                           | \$ 335.68                   | \$ 435.33                    | \$ 99.66              |
| Yorkton          | 40.68                           | \$ 318.64                   | \$ 413.24                    | \$ 94.60              |
| Melville         | 39.91                           | \$ 324.78                   | \$ 421.21                    | \$ 96.42              |
| Saskatoon        | 38.79                           | \$ 334.09                   | \$ 433.28                    | \$ 99.19              |
| Prince Albert    | 40.09                           | \$ 323.31                   | \$ 419.29                    | \$ 95.99              |
| North Battleford | 39.00                           | \$ 332.32                   | \$ 430.98                    | \$ 98.66              |
| System Average   | 39.90                           | \$ 324.84                   | \$ 421.27                    | \$ 96.44              |

- c) The response to Delivery 1<sup>st</sup> Round Information Request 7(d) notes that gas retailers impact the commodity costs and commodity rate -- and if there are fewer gas retailers SaskEnergy will be required to purchase more natural gas on the spot market on a peak day. Please discuss if recent changes in the market have resulted in any changes related to gas retailers/broker contracts. Please discuss in detail and quantify any impact on the forecast cost of gas and the GCVA at this time and potential impacts on forecasts going forward.

The increase in natural gas prices over the last year has had a significant impact on gas retailers for the upcoming gas year. When natural gas prices were low, SaskEnergy increased its hedged quantity and extended its hedging program. With the market gaining strength and the market being significantly higher than SaskEnergy's proposed commodity rate, gas retailers have been less competitive resulting in a large quantity of customers who were served by gas retailers to return to SaskEnergy supply. SaskEnergy is anticipating approximately half of gas retailer load (~6 million GJs) to return from gas retailers to SaskEnergy effective November 1. Some retailers have encouraged their customers to return to SaskEnergy as they can not compete with our proposed commodity rate. In order to serve this load, SaskEnergy contracted for additional firm transportation from Alberta and will require additional unhedged purchases to meet it. The impacts to

the GCVA is approximately \$9.5 million dollars and the impact to the forecasted cost of gas is approximately \$31.6 million.

**3. Reference: 1<sup>st</sup> Round Information Request #3 [Customer Bill impacts]**

- a) With reference to Schedule 6.0, page 4 of 4, please reconcile and explain why the small industrial rate class is reported as having an average annual use per customer of 595,065 m<sup>3</sup>, but the Small Industrial class minimum annual usage is reported as 660,000 m<sup>3</sup> on page 39 of the current application.

Upon further examination, there was a linking error for the Small Industrial rate class in Schedule 6.0 on page 4 of 4. The updated tables are as follows:

Small Industrial Rate Class Average Annual Use Per Customer  
Non-Weather Normalized

| Year     | Cubic Metres | Annual increase/ (decrease) | Gigajoules (GJ) | Annual increase/ (decrease) | %    |
|----------|--------------|-----------------------------|-----------------|-----------------------------|------|
| 2016-17  | 812,206      |                             | 32,747          |                             |      |
| 2017-18  | 796,290      | (15,915)                    | 30,657          | (2090)                      | -2%  |
| 2018-19  | 772,982      | (23,309)                    | 30,146          | (511)                       | -3%  |
| 2019-20  | 696,581      | (76,400)                    | 27,515          | (2,631)                     | -10% |
| 2020-21  | 695,551      | (1,031)                     | 26,482          | (1,033)                     | 0%   |
| 2021-22  | 669,790      | (25,761)                    | 25,501          | (981)                       | -4%  |
| 2022-23* | 695,551      | 25,761                      | 26,482          | 981                         | 4%   |
| 2023-24* | 695,551      | 0                           | 26,482          | 0                           | 0%   |
| 2024-25* | 695,551      | 0                           | 26,482          | 0                           | 0%   |

Small Industrial Rate Class Average Annual Use Per Customer  
Weather Normalized

| Year     | Cubic Metres | Annual increase/ (decrease) | Gigajoules (GJ) | Annual increase/ (decrease) | %    |
|----------|--------------|-----------------------------|-----------------|-----------------------------|------|
| 2016-17  | 812,206      |                             | 32,747          |                             |      |
| 2017-18  | 796,290      | (15,915)                    | 30,657          | (2090)                      | -2%  |
| 2018-19  | 772,982      | (23,309)                    | 30,146          | (511)                       | -3%  |
| 2019-20  | 696,581      | (76,400)                    | 27,515          | (2,631)                     | -10% |
| 2020-21  | 695,551      | (1,031)                     | 26,482          | (1,033)                     | 0%   |
| 2021-22  | 669,790      | (25,761)                    | 25,501          | (981)                       | -4%  |
| 2022-23* | 695,551      | 25,761                      | 26,482          | 981                         | 4%   |
| 2023-24* | 695,551      | 0                           | 26,482          | 0                           | 0%   |
| 2024-25* | 695,551      | 0                           | 26,482          | 0                           | 0%   |

\* Forecast



**4. Reference: 1<sup>st</sup> Round Information Request #4 [Forecast Cost of Gas Sold]**

- a) With reference to the response to 1<sup>st</sup> Round Information Request 4(a) – please reconcile the information provided in this response to the information provided in response to 1<sup>st</sup> Round Information Request 4(b) from the 2021 Commodity Rate Application process. Please explain the basis for any differences.

The information provided in 2021 referenced the total transportation costs compared to total sales volume. The information provided in 2022 referenced the total transportation costs and the Alberta purchase volumes only. SaskEnergy has updated the chart from 2021 to include the average transportation compared to all sales volumes to provide a direct comparison.

| <b>Fiscal</b> | <b>Transportation Cost per GJ in commodity rate</b> |
|---------------|---|
| 2016-17       | \$0.37  |
| 2017-18       | \$0.30  |
| 2018-19       | \$0.39  |
| 2019-20       | \$0.46  |
| 2020-21       | \$0.50  |
| 2021-22       | \$0.47  |

- b) With reference to the response to 1<sup>st</sup> Round Information Request 4(c) – please reconcile the information provided in this response to the information provided in response to 1<sup>st</sup> Round Information Request 4(f) from the 2021 Commodity Rate Application process. Please explain the basis for any differences.

The information provided in 2021 referenced the average cost of gas purchases for SaskEnergy including swaps. The information provided in 2022 referenced the costs of physical purchases only. SaskEnergy has updated the chart from 2021 to include the average cost of gas after swaps to provide a direct comparison.

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| Year | Average Cost |
|------|--------------|
| 2015 | \$4.07       |
| 2016 | \$3.78       |
| 2017 | \$3.09       |
| 2018 | \$2.57       |
| 2019 | \$2.28       |
| 2020 | \$2.40       |
| 2021 | \$2.93       |

**5. Reference: 1<sup>st</sup> Round Information Request #6 [Gas Cost Variance Account]**

- a) Please provide an updated version of the response to 1st Round Information Request 6(a) that reflects the results of the update filing expected on September 29, 2022.

Schedule 3.0  
Page 1 of 2

**SaskEnergy Incorporated**  
**Gas Cost Variance Account (\$000's)**  
**November 1, 2021 - October 31, 2022**

| Line | Description   | 1<br>Nov-21     | 2<br>Dec-21     | 3<br>Jan-22     | 4<br>Feb-22     | 5<br>Mar-22     | 6<br>Apr-22     | 7<br>May-22    | 8<br>Jun-22    | 9<br>Jul-22    | 10<br>Aug-22   | 11<br>Sep-22<br>Forecast | 12<br>Oct-22<br>Forecast | 13<br>TOTAL      |
|------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|--------------------------|--------------------------|------------------|
| 1    | Gcva Balance Forward at October 31, 2021                | \$20,443        |                 |                 |                 |                 |                 |                |                |                |                |                          |                          | \$20,443         |
| 2    | Opening Cumulative Gcva Balance - Under/(Over) Recovery | \$20,443        | \$18,936        | \$19,035        | \$18,635        | \$17,491        | \$14,688        | \$20,471       | \$23,361       | \$26,965       | \$28,274       | \$26,928                 | \$26,493                 |                  |
| 3    | Purchases - Alberta                                     | \$13,646        | \$16,644        | \$15,731        | \$10,737        | \$9,779         | \$15,974        | \$17,166       | \$18,700       | \$16,017       | \$9,913        | \$15,608                 | \$12,862                 | \$172,777        |
| 4    | Purchases - Saskatchewan                                | \$3,327         | \$4,896         | \$3,308         | \$3,218         | \$3,772         | \$3,547         | \$5,352        | \$8,445        | \$6,065        | \$3,766        | \$3,409                  | \$3,380                  | \$52,484         |
| 5    | Less Purchase of Other Gas Sales                        | (\$1)           | \$0             | (\$8)           | (\$4)           | (\$6)           | (\$2)           | (\$3)          | (\$2)          | \$0            | \$0            | \$0                      | \$0                      | (\$26)           |
| 6    | Price Risk Management (Inflows)/Outflows                | (\$4,083)       | (\$3,193)       | (\$3,775)       | (\$3,897)       | (\$4,927)       | \$0             | \$0            | \$0            | \$0            | \$0            | \$0                      | \$0                      | (\$19,876)       |
| 7    | Transportation  | \$2,393         | \$2,415         | \$2,408         | \$2,394         | \$2,393         | \$2,510         | \$2,446        | \$2,447        | \$2,427        | \$2,478        | \$2,434                  | \$2,515                  | \$29,261         |
| 8    | Cost of Purchase Gas                                    | \$15,282        | \$20,762        | \$17,664        | \$12,448        | \$11,011        | \$22,029        | \$24,961       | \$29,590       | \$24,508       | \$16,157       | \$21,452                 | \$18,757                 | \$234,620        |
| 9    | Storage Withdrawal (Injection)                          | \$3,975         | \$12,853        | \$16,003        | \$17,096        | \$9,421         | \$603           | (\$15,129)     | (\$19,915)     | (\$20,105)     | (\$11,017)     | (\$14,015)               | (\$2,475)                | (\$22,706)       |
| 10   | Gas in Storage Interest Expense                         | \$5             | \$5             | \$5             | \$5             | \$5             | \$5             | \$5            | \$5            | \$5            | \$5            | \$5                      | \$5                      | \$59             |
| 11   | Gas Supply Operating Maintenance & Admin Expenses       | \$119           | \$119           | \$119           | \$119           | \$119           | \$119           | \$119          | \$119          | \$119          | \$119          | \$119                    | \$119                    | \$1,431          |
| 12   | Gas Supply Related Bad Debt Expense                     | \$105           | \$168           | \$171           | \$153           | \$116           | \$84            | \$34           | \$30           | \$16           | \$33           | \$40                     | \$93                     | \$1,042          |
| 13   | Less Gas Supply Related Late Payment Charges            | (\$36)          | (\$55)          | (\$91)          | (\$158)         | (\$186)         | (\$117)         | (\$139)        | (\$82)         | (\$48)         | (\$47)         | (\$26)                   | (\$25)                   | (\$1,010)        |
| 14   | Less Cost of Internal Usage                             | (\$58)          | (\$104)         | (\$140)         | (\$197)         | (\$170)         | (\$210)         | (\$151)        | (\$116)        | (\$60)         | (\$30)         | (\$53)                   | (\$60)                   | (\$1,347)        |
| 15   | <b>Cost of Gas Sold</b>                                 | <b>\$19,392</b> | <b>\$33,748</b> | <b>\$33,730</b> | <b>\$29,466</b> | <b>\$20,316</b> | <b>\$22,512</b> | <b>\$9,700</b> | <b>\$9,632</b> | <b>\$4,435</b> | <b>\$5,221</b> | <b>\$7,522</b>           | <b>\$16,415</b>          | <b>\$212,089</b> |
| 16   | Commodity Sales Revenue (\$3.20/GJ)                     | \$20,902        | \$33,651        | \$34,131        | \$30,612        | \$23,122        | \$16,736        | \$6,826        | \$6,055        | \$3,170        | \$6,625        | \$8,023                  | \$18,585                 | \$208,438        |
| 17   | Gain (loss) on other gas sales                          | 1               | 0               | 2               | 1               | 4               | 1               | 2              | 1              | 0              | 0              | 0                        | 0                        | \$11             |
| 18   | Period Gcva Balance                                     | (\$1,510)       | \$97            | (\$404)         | (\$1,147)       | (\$2,809)       | \$5,775         | \$2,872        | \$3,575        | \$1,265        | (\$1,404)      | (\$501)                  | (\$2,170)                | \$3,639          |
| 19   | Period Gcva Interest                                    | \$3             | \$2             | \$3             | \$3             | \$7             | \$7             | \$19           | \$28           | \$44           | \$58           | \$66                     | \$71                     | \$312            |
| 20   | Closing Cumulative Gcva Balance (Line 2+18+19)          | \$18,936        | \$19,035        | \$18,635        | \$17,491        | \$14,688        | \$20,471        | \$23,361       | \$26,965       | \$28,274       | \$26,928       | \$26,493                 | \$24,394                 | \$24,394         |

| Volume (Gigajoules - 000s) |   |         |         |         |         |         |         |         |         |         |         |                    |                    |         |
|----------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|--------------------|---------|
| Line                       | Description                                 | Nov-21  | Dec-21  | Jan-22  | Feb-22  | Mar-22  | Apr-22  | May-22  | Jun-22  | Jul-22  | Aug-22  | Sep-22<br>Forecast | Oct-22<br>Forecast | TOTAL   |
| 21                         | Customer Sales                              | 6,349   | 10,422  | 10,523  | 9,387   | 7,077   | 5,145   | 2,102   | 1,841   | 955     | 1,541   | 1,910              | 4,425              | 61,742  |
| 22                         | Purchases (less Fuel Gas & Line Loss)       | 5,192   | 6,652   | 5,832   | 4,392   | 4,349   | 5,014   | 5,420   | 5,697   | 5,386   | 4,870   | 5,549              | 5,116              | 63,470  |
| 23                         | Cost of Purchase Gas (\$/GJ)                | \$2,944 | \$3,121 | \$3,029 | \$2,834 | \$2,532 | \$4,393 | \$4,605 | \$5,194 | \$4,550 | \$3,317 | \$3,866            | \$3,666            |         |
| 24                         | Storage Withdrawal (Injection)              | 1,176   | 3,802   | 4,734   | 5,058   | 2,787   | 178     | (4,476) | (5,892) | (5,948) | (3,260) | (4,146)            | (732)              | (6,718) |
| 25                         | Storage Withdrawal (Injection) Rate (\$/GJ) | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380 | \$3,380            | \$3,380            | \$3,380 |
| 26                         | Internal Usage                              | (19)    | (32)    | (44)    | (63)    | (59)    | (48)    | 1,158   | 2,036   | 1,516   | (70)    | 508                | 41                 | 4,924   |

Note: Numbers may not add up exact due to rounding.

# SaskEnergy 2022 Delivery Service & Commodity Rate Application Information Requests – Round 2

Schedule 3.0  
Page 2 of 2

## SaskEnergy Incorporated Gas Cost Variance Account (\$000's) November 1, 2022 - October 31, 2023

| Line | Description   | 1<br>Nov-22<br>Forecast | 2<br>Dec-22<br>Forecast | 3<br>Jan-23<br>Forecast | 4<br>Feb-23<br>Forecast | 5<br>Mar-23<br>Forecast | 6<br>Apr-23<br>Forecast | 7<br>May-23<br>Forecast | 8<br>Jun-23<br>Forecast | 9<br>Jul-23<br>Forecast | 10<br>Aug-23<br>Forecast | 11<br>Sep-23<br>Forecast | 12<br>Oct-23<br>Forecast | 13<br>TOTAL      |
|------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|------------------|
| 1    | GCVA Balance Forward at October 31, 2022                | \$24,394                |                         |                         |                         |                         |                         |                         |                         |                         |                          |                          |                          | \$24,394         |
| 2    | Opening Cumulative GCVA Balance - Under/(Over) Recovery | \$24,394                | \$19,975                | \$15,592                | \$11,290                | \$7,317                 | \$2,653                 | \$566                   | (\$425)                 | (\$1,030)               | (\$1,507)                | (\$1,959)                | (\$2,820)                |                  |
| 3    | Purchases - Alberta                                     | \$17,881                | \$18,477                | \$18,544                | \$16,750                | \$18,544                | \$12,478                | \$12,893                | \$12,478                | \$12,893                | \$12,893                 | \$12,478                 | \$12,893                 | \$179,202        |
| 4    | Purchases - Saskatchewan                                | \$3,694                 | \$3,817                 | \$3,817                 | \$3,448                 | \$3,817                 | \$2,716                 | \$2,806                 | \$2,716                 | \$2,806                 | \$2,806                  | \$2,716                  | \$2,806                  | \$37,966         |
| 5    | Less Purchase of Other Gas Sales                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$0                      | \$0                      | \$0                      | \$0              |
| 6    | Price Risk Management (Inflows)/Outflows                | (\$7,021)               | (\$7,255)               | (\$7,255)               | (\$6,553)               | (\$7,255)               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                      | \$0                      | \$0                      | (\$35,338)       |
| 7    | Transportation  | \$2,626                 | \$2,711                 | \$2,711                 | \$2,455                 | \$2,711                 | \$2,626                 | \$2,711                 | \$2,626                 | \$2,711                 | \$2,711                  | \$2,626                  | \$2,711                  | \$31,935         |
| 8    | Cost of Purchase Gas                                    | \$17,180                | \$17,750                | \$17,817                | \$16,100                | \$17,817                | \$17,819                | \$18,411                | \$17,819                | \$18,411                | \$18,411                 | \$17,819                 | \$18,411                 | \$213,765        |
| 9    | Storage Withdrawal (Injection)                          | \$9,094                 | \$19,173                | \$23,646                | \$17,539                | \$8,660                 | (\$2,544)               | (\$10,627)              | (\$12,559)              | (\$13,979)              | (\$14,079)               | (\$10,690)               | (\$2,128)                | \$11,505         |
| 10   | Gas in Storage Interest Expense                         | \$111                   | \$111                   | \$111                   | \$111                   | \$111                   | \$111                   | \$111                   | \$111                   | \$111                   | \$111                    | \$111                    | \$111                    | \$1,330          |
| 11   | Gas Supply Operating Maintenance & Admin Expenses       | \$133                   | \$133                   | \$133                   | \$133                   | \$133                   | \$133                   | \$133                   | \$133                   | \$133                   | \$133                    | \$133                    | \$133                    | \$1,600          |
| 12   | Gas Supply Related Bad Debt Expense                     | \$155                   | \$208                   | \$230                   | \$188                   | \$156                   | \$87                    | \$44                    | \$30                    | \$25                    | \$25                     | \$41                     | \$94                     | \$1,282          |
| 13   | Less Gas Supply Related Late Payment Charges            | (\$48)                  | (\$61)                  | (\$90)                  | (\$117)                 | (\$118)                 | (\$107)                 | (\$91)                  | (\$73)                  | (\$58)                  | (\$49)                   | (\$44)                   | (\$43)                   | (\$898)          |
| 14   | Less Cost of Internal Usage                             | (\$111)                 | (\$181)                 | (\$234)                 | (\$291)                 | (\$255)                 | (\$218)                 | (\$118)                 | (\$87)                  | (\$28)                  | (\$49)                   | (\$50)                   | (\$60)                   | (\$1,681)        |
| 15   | <b>Cost of Gas Sold</b>                                 | <b>\$26,514</b>         | <b>\$37,134</b>         | <b>\$41,613</b>         | <b>\$33,664</b>         | <b>\$26,505</b>         | <b>\$15,282</b>         | <b>\$7,864</b>          | <b>\$5,375</b>          | <b>\$4,615</b>          | <b>\$4,502</b>           | <b>\$7,320</b>           | <b>\$16,517</b>          | <b>\$226,905</b> |
| 16   | Commodity Sales Revenue (\$3.20/GJ)                     | \$30,993                | \$41,566                | \$45,952                | \$37,659                | \$31,181                | \$17,372                | \$8,854                 | \$5,977                 | \$5,087                 | \$4,949                  | \$8,173                  | \$18,715                 | \$256,477        |
| 17   | Gain (loss) on other gas sales                          | 0                       | 0                       | 0                       | 0                       | 0                       | 0                       | 0                       | 0                       | 0                       | 0                        | 0                        | 0                        | \$0              |
| 18   | Period GCVA Balance                                     | (\$4,478)               | (\$4,432)               | (\$4,338)               | (\$3,996)               | (\$4,676)               | (\$2,090)               | (\$990)                 | (\$602)                 | (\$472)                 | (\$446)                  | (\$853)                  | (\$2,198)                | (\$29,573)       |
| 19   | Period GCVA Interest                                    | \$60                    | \$49                    | \$37                    | \$23                    | \$13                    | \$3                     | (\$1)                   | (\$3)                   | (\$5)                   | (\$6)                    | (\$8)                    | (\$12)                   | \$148            |
| 20   | Closing Cumulative GCVA Balance (Line 2+18+19)          | \$19,975                | \$15,592                | \$11,290                | \$7,317                 | \$2,653                 | \$566                   | (\$425)                 | (\$1,030)               | (\$1,507)               | (\$1,959)                | (\$2,820)                | (\$5,031)                | (\$5,031)        |

| Volume (Gigajoules - 000s) |   |         |         |         |         |         |         |         |         |         |         |                    |                    |         |
|----------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|--------------------|---------|
| Line                       | Description                                 | Nov-22  | Dec-22  | Jan-23  | Feb-23  | Mar-23  | Apr-23  | May-23  | Jun-23  | Jul-23  | Aug-23  | Sep-23<br>Forecast | Oct-23<br>Forecast | TOTAL   |
| 21                         | Customer Sales                              | 7,379   | 9,897   | 10,941  | 8,967   | 7,424   | 4,136   | 2,108   | 1,423   | 1,211   | 1,178   | 1,946              | 4,456              | 61,132  |
| 22                         | Purchases (less Fuel Gas & Line Loss)       | 5,279   | 5,451   | 5,460   | 4,933   | 5,466   | 4,894   | 5,061   | 4,898   | 5,062   | 5,062   | 4,898              | 5,057              | 61,519  |
| 23                         | Cost of Purchase Gas (\$/GJ)                | \$3,255 | \$3,257 | \$3,263 | \$3,264 | \$3,260 | \$3,641 | \$3,638 | \$3,638 | \$3,637 | \$3,637 | \$3,638            | \$3,641            |         |
| 24                         | Storage Withdrawal (Injection)              | 2,132   | 4,494   | 5,543   | 4,111   | 2,030   | (596)   | (2,491) | (2,944) | (3,277) | (3,300) | (2,506)            | (499)              | 2,697   |
| 25                         | Storage Withdrawal (Injection) Rate (\$/GJ) | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266 | \$4,266            | \$4,266            |         |
| 26                         | Internal Usage                              | (31)    | (48)    | (62)    | (77)    | (71)    | (161)   | (462)   | (532)   | (574)   | (584)   | (446)              | (102)              | (3,149) |

Note: Numbers may not add up exact due to rounding.

- b) Please provide an updated version of the response to 1st Round Information Request 6(b) that reflects the results of the update filing expected on September 29, 2022. Please expand the response to provide forecast and actual results for the past 5 years and to outline the impact to the GCVA by year for each year.

|              | Forecast | Actual | Impact to GCVA       |
|--------------|----------|--------|----------------------|
| 2017-18      | 38.00    | 38.61  | \$6.7 million        |
| 2018-19      | 38.75    | 38.86  | \$1.1 million        |
| 2019-20      | 38.75    | 39.19  | \$2.2 million        |
| 2020-21      | 38.75    | 39.63  | \$2.8 million        |
| 2021-22      | 39.90    | 39.44  | (\$3.2) million      |
| <b>Total</b> |          |        | <b>\$9.6 million</b> |

Note:

Positive number indicates a growing GCVA

Negative number indicates the GCVA is reducing

The estimated impact of the actual heat value to the GCVA balance for the past five years was \$9.6 million.

Please note that when this question was answered in the first round, the summary was incorrect. This has now been corrected.

- c) With reference to 1st Round Information Request 6(d) please provide an update to the response that reflects the results of the update filing expected on September 29, 2022.

The interest rates used are as follows:

May 2022: 1.01%

June 2022: 1.37%

July 2022: 1.88%

August 2022: 2.50%

September 2022: 3.03%

October 2022: 3.32%

**6. Reference: 1<sup>st</sup> Round Information Request #7 [Commodity Price Risk Management]**

- a) With reference to the 2018 Commodity 2<sup>nd</sup> Round Information Request 5 (a)(iii), please provide an updated version of the figure that can be used publicly with any additional relevant context provided.

