# COMMODITY AND DELIVERY SERVICE

2018 RATE APPLICATION

S A S K F N F R G Y I N C O R P O R A T F D

December 3, 2018

**Revised Schedules** 

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### SCHEDULE 1.0 FORECAST COST OF GAS SOLD

#### SaskEnergy Incorporated Forecast Cost of Gas Sold (\$000's) April 1, 2019 - March 31, 2020

		1	2	3	4	5	6	/	8	9	10	11	12	13
Line	Description	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	TOTAL
1	Saskatchewan Purchases	\$3,239	\$3,347	\$3,239	\$3,347	\$3,347	\$3,239	\$3,348	\$4,074	\$4,210	\$4,210	\$3,938	\$4,210	\$43,748
2	Alberta Purchases	\$6,726	\$6,950	\$6,726	\$6,950	\$6,950	\$6,726	\$6,950	\$7,374	\$7,620	\$7,620	\$7,128	\$7,620	\$85,340
3	Price Risk Management (Inflows)/Outflows	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$224	\$231	\$231	\$216	\$231	\$1,132
4	Costs upstream of TEP	\$1,938	\$2,003	\$1,938	\$2,003	\$2,003	\$1,938	\$2,003	\$2,052	\$2,120	\$2,120	\$1,984	\$2,120	\$24,221
5	Cost of Purchase Gas	\$11,903	\$12,300	\$11,903	\$12,300	\$12,300	\$11,903	\$12,301	\$13,723	\$14,181	\$14,181	\$13,266	\$14,181	\$154,441
6	Storage Withdrawal (Injection)	(\$1,681)	(\$6,895)	(\$8,582)	(\$9,289)	(\$9,238)	(\$7,366)	(\$2,270)	\$5,350	\$11,495	\$13,231	\$10,028	\$5,382	\$165
7	Gas in Storage Interest Expense	\$37	\$37	\$37	\$37	\$37	\$37	\$37	\$43	\$43	\$43	\$43	\$43	\$471
8	Gas Supply Operating Maintenance & Admin Expenses	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$119	\$1,425
9	Gas Supply Related Bad Debt Expense	\$65	\$34	\$21	\$19	\$20	\$29	\$65	\$114	\$155	\$166	\$140	\$115	\$944
10	Less Gas Supply Related Late Payment Charges	(\$99)	(\$84)	(\$67)	(\$54)	(\$46)	(\$41)	(\$40)	(\$45)	(\$58)	(\$85)	(\$110)	(\$111)	(\$839)
11	Less Cost of Internal Usage	(\$234)	(\$157)	(\$97)	(\$64)	(\$58)	(\$79)	(\$68)	(\$148)	(\$259)	(\$237)	(\$354)	(\$319)	(\$2,073)
12	Cost of Gas Sold	\$10,111	\$5,354	\$3,333	\$3,067	\$3,133	\$4,602	\$10,144	\$19,156	\$25,676	\$27,418	\$23,131	\$19,410	\$154,536

				Vo	lume (Gigo	ijoules - 000s	s)							
Line	Description	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	TOTAL
13	Customer Sales	3,822	2,009	1,234	1,128	1,150	1,707	3,812	6,722	9,174	9,841	8,267	6,832	55,700
14	Purchases (less Fuel Gas & Line Loss)	4,554	4,705	4,554	4,705	4,705	4,554	4,706	4,742	4,900	4,900	4,583	4,900	56,507
15	Cost of Purchase Gas (GJ)	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.894	\$2.894	\$2.894	\$2.894	\$2.894	
16	Storage Withdrawal (Injection)	(643)	(2,638)	(3,283)	(3,554)	(3,534)	(2,818)	(868)	2,033	4,367	5,027	3,810	2,045	(57)
17	Storage Withdrawal (Injection) Rate (GJ)	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.614	\$2.632	\$2.632	\$2.632	\$2.632	\$2.632	
18	Internal Usage	(88)	(59)	(36)	(24)	(21)	(29)	(25)	(52)	(93)	(85)	(127)	(112)	(751)

### SCHEDULE 1.1 FORECAST GAS PRICES

# SaskEnergy Incorporated Forecast Gas Prices for April 1, 2019 - March 31, 2020 Closing Prices as of September 10, 2018 \$/Gigajoule

		1		2	3	4	4	5	6	7		8	9		10	11	12
Line	Description	A	pr-19	May-19	Jun-19	Jı	lul-19	Aug-19	Sep-19	Oct-1	9	Nov-19	Dec-19	,	Jan-20	Feb-20	Mar-20
1	AECO Forward Prices	1	1.220	1.220	1.220	1	.220	1.220	1.220	1.220	)	1.860	1.860		1.860	1.860	1.860
	COST OF PURCHASE GAS																
2	Cost of Purchase Gas Before Financial Hedges	2	2.175	2.175	2.175	2	2.175	2.175	2.175	2.175	5	2.398	2.398		2.398	2.398	2.398
3	Change in Price due to Financial Hedges	(	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	)	0.047	0.047		0.047	0.047	0.047
4	Receipt Transport	(	0.423	0.423	0.423	0	).423	0.423	0.423	0.423	3	0.430	0.430		0.430	0.430	0.430
5	Forecast Cost of Purchase Gas	2	2.598	2.598	2.598	2	2.598	2.598	2.598	2.598	3	2.875	2.875		2.875	2.875	2.875
6	Volume Adjusted Cost of Purchase Gas <sup>1</sup>	2	2.614	2.614	2.614	2	2.614	2.614	2.614	2.614	4	2.894	2.894		2.894	2.894	2.894
	COST OF GAS SOLD																
7	Purchase Price	2	2.614	2.614	2.614	2	2.614	2.614	2.614	2.614	4	2.894	2.894		2.894	2.894	2.894
8	% of Sales met with Purchases	10	00.0%	100.0%	100.0%	10	00.0%	100.0%	100.0%	100.09	%	69.8%	52.4%	5	48.9%	53.9%	70.1%
9	Inventory Withdrawal Price	2	2.731	2.677	2.654	2	2.643	2.636	2.633	2.632	2	2.632	2.632		2.632	2.632	2.632
10	% of Sales met with Inventory		0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0	%	30.2%	47.6%	5	51.1%	46.1%	29.9%
11	Cost of Gas Sold before OM&A	2	2.614	2.614	2.614	2	2.614	2.614	2.614	2.614	4	2.815	2.769		2.760	2.773	2.816
12	Interest, OM&A and Bad Debt Expense less Late Payment charges <sup>2</sup>	(	0.032	0.053	0.088	0	).107	0.112	0.084	0.047	7	0.034	0.028		0.025	0.023	0.024
13	Forecast Cost of Gas Sold	\$ 2	2.646	\$ 2.667	\$ 2.702	\$ 2	2.721	\$ 2.726	\$ 2.698	\$ 2.66	1 \$	2.849	\$ 2.798	\$	2.785	2.797	\$ 2.840

<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.

### **SCHEDULE 1.2**

#### FORECASTED COST OF GAS - STORAGE INVENTORY DETAILS

### SaskEnergy Incorporated

Storage Inventory Details - Forecasted Cost of Gas April 1, 2019 - March 31, 2020

|  |  | 1  |   | 2  |   | 3  |  | 4  |   | 5  |  
   
   | 6   
   |   
   | 7  |  
  | 8  |   | 9  |   | 10  |  
  | 11   |  | 12  |
|--|--|--|---|--|---|--|--|--|---|--
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|  |  | Apr-19   |   | May-19   |   | Jun-19   |  | Jul-19   |   | Aug-19   |  
   
   | Sep-19  
   |   
   | Oct-19   |  
  | Nov-19   |   | Dec-19   |   | Jan-20  | | | | | | |
  | Feb-20   |  | Mar-20  |
| Gas in Storage - Volume                  |  |  |   |  |   |  |  |  |   |  |  
   
   |   
   |   
   |  |  
  |  |   |  |   |   | | | | | | |
  |  |  |   |
| Opening Balance (000's GJs)              |  | 2,406  |   | 3,049  |   | 5,686  |  | 8,970  |   | 12,523   |  
   
   | 16,058  
   |   
   | 18,875   |  
  | 19,744   |   | 17,711   |   | 13,344  | | | | | | |
  | 8,317  |  | 4,507   |
| Closing Balance (000's GJs)              |  | 3,049  |   | 5,686  |   | 8,970  |  | 12,523   |   | 16,058   |  
   
   | 18,875  
   |   
   | 19,744   |  
  | 17,711   |   | 13,344   |   | 8,317   | | | | | | |
  | 4,507  |  | 2,462   |
| (Injections)/ Withdrawals (000's GJs)    |  | (643)  |   | (2,638)  |   | (3,283)  |  | (3,554)  |   | (3,534)  |  
   
   | (2,818)   
   |   
   | (868)  |  
  | 2,033  |   | 4,367  |   | 5,027   | | | | | | |
  | 3,810  |  | 2,045   |
| (Injection)/Withdrawal Price             |  | \$2.61   |   | \$2.61   |   | \$2.61   |  | \$2.61   |   | \$2.61   |  
   
   | \$2.61  
   |   
   | \$2.61   |  
  | \$2.63   |   | \$2.63   |   |   | | | | | | |
  |  |  | \$2.63  |
| Weighted Average Price of Gas in Storage |  | \$2.73   |   | \$2.68   |   | \$2.65   |  | \$2.64   |   | \$2.64   |  
   
   | \$2.63  
   |   
   | \$2.63   |  
  | \$2.63   |   | \$2.63   |   | \$2.63  | | | | | | |
  | \$2.63   |  | \$2.63  |
| Cost of Gas in Storage                   |  |  |   |  |   |  |  |  |   |  |  
   
   |   
   |   
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  |  |   |  |   |   |  
  |  |  |   |
| Opening Balance (\$000)                  | \$   | 6,647  | \$  | 8,327  | \$  | 15,222   | \$   |  |   |  | \$   
   
   |   
   |   
   |  | \$   
  | 51,967   | \$  | 46,617   | \$  |   | \$   
  | 21,891   | \$   | 11,863  |
| Closing Balance (\$000)                  | \$   | 8,327  | \$  | 15,222   | \$  | 23,804   | \$   | 33,094   | \$  | 42,332   | \$   
   
   | 49,697  
   | \$  
   | 51,967   | \$   
  | 46,617   | \$  | 35,122   | \$  | 21,891  | \$   
  | 11,863   | \$   | 6,481   |
| Net Change in Inventory (\$000)          | \$   | (1,681)  | \$  | (6,895)  | \$  | (8,582)  | \$   | (9,289)  | \$  | (9,238)  | \$   
   
   | (7,366)   
   | \$  
   | (2,270)  | \$   
  | 5,350  | \$  | 11,495   | \$  | 13,231  | \$   
  | 10,028   | \$   | 5,382   |
|  |  |  |   |  |   |  |  |  |   |  |  
   
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  |  |   |  |   |   |  
  |  |  |   |
|  | Opening Balance (000's GJs) Closing Balance (000's GJs) (Injections)/ Withdrawals (000's GJs) (Injection)/Withdrawal Price Weighted Average Price of Gas in Storage Cost of Gas in Storage Opening Balance (\$000) Closing Balance (\$000) | Opening Balance (000's GJs) Closing Balance (000's GJs) (Injections)/ Withdrawals (000's GJs) (Injection)/Withdrawal Price Weighted Average Price of Gas in Storage  Cost of Gas in Storage Opening Balance (\$000) \$ Closing Balance (\$000) | Gas in Storage - Volume  Opening Balance (000's GJs) 2,406 Closing Balance (000's GJs) 3,049  (Injections)/ Withdrawals (000's GJs) (643) (Injection)/Withdrawal Price \$2.61  Weighted Average Price of Gas in Storage \$2.73  Cost of Gas in Storage  Opening Balance (\$000) \$ 6,647 Closing Balance (\$000) \$ 8,327 | Gas in Storage - Volume         Opening Balance (000's GJs)       2,406         Closing Balance (000's GJs)       3,049         (Injections)/ Withdrawals (000's GJs)       (643)         (Injection)/Withdrawal Price       \$2.61         Weighted Average Price of Gas in Storage       \$2.73         Cost of Gas in Storage       Opening Balance (\$000)       \$ 6,647       \$         Closing Balance (\$000)       \$ 8,327       \$ | Apr-19         May-19           Gas in Storage - Volume         3,049           Opening Balance (000's GJs)         2,406         3,049           Closing Balance (000's GJs)         3,049         5,686           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)           (Injection)/Withdrawal Price         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68           Cost of Gas in Storage           Opening Balance (\$000)         \$ 6,647         \$ 8,327           Closing Balance (\$000)         \$ 8,327         \$ 15,222 | Apr-19         May-19           Gas in Storage - Volume         Volume           Opening Balance (000's GJs)         2,406         3,049           Closing Balance (000's GJs)         3,049         5,686           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)           (Injection)/Withdrawal Price         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68           Cost of Gas in Storage           Opening Balance (\$000)         \$ 6,647         \$ 8,327         \$ 15,222           Closing Balance (\$000)         \$ 8,327         \$ 15,222         \$ 15,222 | Apr-19         May-19         Jun-19           Gas in Storage - Volume         Jun-19           Opening Balance (000's GJs)         2,406         3,049         5,686           Closing Balance (000's GJs)         3,049         5,686         8,970           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)           (Injection)/Withdrawal Price         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65           Cost of Gas in Storage         Opening Balance (\$000)         \$6,647         \$8,327         \$ 15,222         \$23,804           Closing Balance (\$000)         \$8,327         \$ 15,222         \$23,804 | Apr-19         May-19         Jun-19           Gas in Storage - Volume         Volume         3,049         5,686           Opening Balance (000's GJs)         2,406         3,049         5,686           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)           (Injections)/Withdrawals (000's GJs)         (643)         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65           Cost of Gas in Storage         Cost of Gas in Storage         \$2.82         \$2.82         \$2.82           Opening Balance (\$000)         \$6,647         \$8,327         \$15,222         \$2,280           Closing Balance (\$000)         \$8,327         \$15,222         \$2,280 | Apr-19         May-19         Jun-19         Jul-19           Gas in Storage - Volume         Volume         3,049         5,686         8,970           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)           (Injection)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64           Cost of Gas in Storage         Opening Balance (\$000)         \$6,647         \$8,327         \$15,222         \$23,804           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$30,994 | Apr-19         May-19         Jun-19         Jul-19           Gas in Storage - Volume         Volume         3,049         5,686         8,970           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)           (Injection)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64           Cost of Gas in Storage         Opening Balance (\$000)         \$6,647         \$8,327         \$15,222         \$23,804         \$           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$ | Apr-19         May-19         Jun-19         Jul-19         Aug-19           Gas in Storage - Volume         Storage - Volume         3,049         5,686         8,970         12,523           Closing Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)           (Injections)/ Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64           Cost of Gas in Storage         Social Storage         \$2.61 <td< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)           (Injection)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64           Cost of Gas in Storage         \$0.647         \$8,327         \$ 15,222         \$ 23,804         \$ 33,094         \$ Closing Balance (\$000)         \$ 8,327         \$ 15,222         \$ 23,804         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094<th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume         Sep-19         Jun-19         Jul-19         Aug-19         Sep-19           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injections)/Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)        
(3,283)         (3,554)         (3,534)         (2,818)           (Injection)/Withdrawal Price         \$2.61<!--</th--><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61</th></t<></th></th></t<></th></th></td<> <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,</th> <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawals (000's GJs)         (643)         \$2,61         \$2.63         \$2.63         \$2.63         \$2.63         \$2.63         \$2.63</th> <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20           Gas in Storage - Volume         Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027           (Injections)/Withdrawals (000's GJs)         (643)         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63</th> <th>Apr-19         May-19         Jun-19 
       Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20           Gas in Storage - Volume         Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         13,344         Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         5,027         (Injections)/Withdrawal Price         \$2,61</th> <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20         Feb-20           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$</th> <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20         Feb-20           Gas in Storage - Volume         Feb-20         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317         4,507           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         <td< th=""></td<></th> | Apr-19         May-19         Jun-19         Jul-19         Aug-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)           (Injection)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64           Cost of Gas in Storage         \$0.647         \$8,327         \$ 15,222         \$ 23,804         \$ 33,094         \$ Closing Balance (\$000)         \$ 8,327         \$ 15,222         \$ 23,804         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 42,332         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094         \$ 33,094 <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume         Sep-19         Jun-19         Jul-19         Aug-19         Sep-19           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injections)/Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injection)/Withdrawal Price         \$2.61<!--</th--><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61     
   \$2.61         \$2.61</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61</th></t<></th></th></t<></th> | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume         Sep-19         Jun-19         Jul-19         Aug-19         Sep-19           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injections)/Withdrawal Price         \$2.61 <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injection)/Withdrawal Price         \$2.61<!--</th--><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)        
(2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61</th></t<></th></th></t<> | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)           (Injection)/Withdrawal Price         \$2.61 </th <th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61         <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61</th></t<></th> | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61 <t< th=""><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19        
Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332</th><th>Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61</th></t<> | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19           Gas in Storage - Volume         Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)           (Injections)/ Withdrawal Price         \$2.61 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Spening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/Withdrawal Price         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.61         \$2.63         \$2.63         \$2.63           Weighted Average Price of Gas in Storage         \$2.73         \$2.68         \$2.65         \$2.64         \$2.64         \$2.63         \$2.63         \$2.63           Cost of Gas in Storage         \$2.73         \$8,327         \$15,222         \$2,804         \$3,094         \$42,332         \$49,697         \$51,967         \$1,967           Closing Balance (\$000)         \$8,327         \$15,222         \$23,804         \$33,094         \$42,332 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19           Gas in Storage - Volume         Specific Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033           (Injections)/ Withdrawal Price         \$2.61 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2, | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367           (Injections)/ Withdrawals (000's GJs)         (643)         \$2,61         \$2.63         \$2.63         \$2.63         \$2.63         \$2.63         \$2.63 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20           Gas in Storage - Volume         Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027           (Injections)/Withdrawals (000's GJs)         (643)         \$2,61        
\$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20           Gas in Storage - Volume         Storage - Volume         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         13,344         Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         5,027         (Injections)/Withdrawal Price         \$2,61 | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20         Feb-20           Gas in Storage - Volume           Opening Balance (000's GJs)         2,406         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$ | Apr-19         May-19         Jun-19         Jul-19         Aug-19         Sep-19         Oct-19         Nov-19         Dec-19         Jan-20         Feb-20           Gas in Storage - Volume         Feb-20         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317           Closing Balance (000's GJs)         3,049         5,686         8,970         12,523         16,058         18,875         19,744         17,711         13,344         8,317         4,507           (Injections)/ Withdrawals (000's GJs)         (643)         (2,638)         (3,283)         (3,554)         (3,534)         (2,818)         (868)         2,033         4,367         5,027         3,810           (Injections)/ Withdrawal Price         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,61         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63         \$2,63 <td< th=""></td<> |

Line Storage Inventory Carrying Costs	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	TOTAL
				<	Summer	>								
9 Gas in Storage Closing Balance 10 Average Daily Balance	\$6,647	\$8,327 \$7,487	\$15,222 \$11,775	\$23,804 \$19,513	\$33,094 \$28,449	\$42,332 \$37,713	\$49,697 \$46,014	\$51,967 \$50,832	\$46,617 \$49,292	\$35,122 \$40,869	\$21,891 \$28,506	\$11,863 \$16,877	\$6,481 \$9,172	
11 Interest Rate 12 Calculated Monthly Interest Charge 13 Total Annual Interest 14 Amortized Monthly Interest Charge		1.79% \$11	1.79% \$18	1.79% \$29	1.79% \$43	1.79% \$57	1.79% \$68	1.79% \$77	1.79% \$72	1.79% \$62	1.79% \$43	1.79% \$24	1.79% \$14	\$518 \$0

Tables might not add precisely due to rounding.

### SCHEDULE 2.0.1 GAS COST VARIANCE ACCOUNT

#### SaskEnergy Incorporated Gas Cost Variance Account (\$000's) November 1, 2016 - October 31, 2017

		1	2	3	4	5	6	7	8	9	10	11	12	13
Line	Description	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	TOTAL
1	GCVA Balance Forward at Oct 31, 2016	\$8,444												\$8,444
2	Opening Cumulative GCVA Balance - Under/(Over) Recovery	\$8,444	\$7,389	\$9,012	\$10,160	\$11,776	\$12,744	\$12,934	\$13,004	\$12,881	\$12,803	\$12,649	\$11,869	
3	Purchases - Alberta	\$9,401	\$9,779	\$9,802	\$7,873	\$8,708	\$7,129	\$7,308	\$9,038	\$7,164	\$7,764	\$6,972	\$6,349	\$97,286
4	Purchases - Saskatchewan	\$5,737	\$5,382	\$5,984	\$4,558	\$4,637	\$4,955	\$5,433	\$5,008	\$4,119	\$3,666	\$2,682	\$2,719	\$54,882
5	Less Purchase of Other Gas Sales	(\$7)	\$0	(\$2)	(\$4)	(\$1)	(\$2)	(\$7)	\$0	\$0	(\$1)	\$0	\$0	(\$24)
6	Price Risk Management (Inflows)/Outflows	\$628	\$503	(\$288)	\$689	\$1,290	\$906	\$842	\$702	\$1,037	\$1,204	\$1,509	\$1,544	\$10,564
7	Transportation	\$1,567	\$1,600	\$1,600	\$1,648	\$1,644	\$1,643	\$1,597	\$1,600	\$1,602	\$1,576	\$1,577	\$1,576	\$19,228
8	Cost of Purchase Gas	\$17,326	\$17,263	\$17,096	\$14,765	\$16,278	\$14,630	\$15,173	\$16,348	\$13,921	\$14,209	\$12,740	\$12,188	\$181,936
9	Storage Withdrawal (Injection)	\$241	\$19,233	\$16,832	\$12,725	\$10,242	(\$999)	(\$9,072)	(\$12,217)	(\$10,530)	(\$10,643)	(\$7,601)	\$395	\$8,603
10	Gas in Storage Interest Expense	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$22	\$268
11	Gas Supply Operating Maintenance & Admin Expenses	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$121	\$1,455
12	Gas Supply Related Bad Debt Expense	\$56	\$105	\$98	\$77	\$77	\$40	\$18	\$13	\$11	\$11	\$18	\$42	\$567
13	Less Gas Supply Related Late Payment Charges	(\$49)	(\$43)	(\$78)	(\$89)	(\$100)	(\$79)	(\$95)	(\$46)	(\$37)	(\$37)	(\$20)	(\$25)	(\$698)
14	Less Cost of Internal Usage	(\$84)	(\$95)	(\$159)	(\$190)	(\$157)	(\$163)	(\$111)	(\$66)	(\$42)	(\$38)	(\$41)	(\$32)	(\$1,178)
15	Cost of Gas Sold	\$17,633	\$36,606	\$33,932	\$27,431	\$26,482	\$13,573	\$6,057	\$4,175	\$3,467	\$3,646	\$5,239	\$12,712	\$190,953
16	Commodity Sales Revenue (Current Rate 3.65/GJ)	\$18,693	\$34,986	\$32,789	\$25,820	\$25,520	\$13,389	\$5,993	\$4,304	\$3,552	\$3,809	\$6,029	\$14,124	\$189,007
17	Gain (loss) on other gas sales	(2)	0	(0)	(1)	(0)	(0)	(1)	0	0	(1)	0	0	(\$5)
18	Period GCVA Balance	(\$1,058)	\$1,619	\$1,144	\$1,612	\$962	\$185	\$64	(\$128)	(\$85)	(\$162)	(\$789)	(\$1,413)	\$1,951
19	Period GCVA Interest	\$3	\$4	\$4	\$5	\$5	\$5	\$5	\$5	\$8	\$8	\$9	\$9	\$71
20	Closing Cumulative GCVA Balance (Line 2+18+19)	\$7,389	\$9,012	\$10,160	\$11,776	\$12,744	\$12,934	\$13,004	\$12,881	\$12,803	\$12,649	\$11,869	\$10,465	\$10,465

	_			Vo	lume (Giga	joules - 000s)								
Line	Description	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	TOTAL
21	Customer Sales	4,881	9,676	9,088	7,236	7,046	3,716	1,636	1,181	986	1,081	1,694	3,966	52,187
22	Purchases (less Fuel Gas & Line Loss)	4,842	4,746	4,795	4,008	4,450	4,036	4,142	4,747	4,099	4,352	4,232	3,863	52,311
23	Cost of Purchase Gas (\$/GJ)	\$3.578	\$3.637	\$3.566	\$3.684	\$3.658	\$3.625	\$3.663	\$3.444	\$3.397	\$3.265	\$3.010	\$3.155	
24	Storage Withdrawal (Injection)	62	4,955	4,336	3,278	2,638	(276)	(2,477)	(3,547)	(3,100)	(3,260)	(2,525)	125	210
25	Storage Withdrawal (Injection) Rate (\$/GJ)	\$3.882	\$3.882	\$3.882	\$3.882	\$3.882	\$3.625	\$3.663	\$3.444	\$3.397	\$3.265	\$3.010	\$3.155	
26	Internal Usage	(23)	(25)	(43)	(50)	(42)	(45)	(30)	(19)	(12)	(11)	(13)	(21)	(334)

### SCHEDULE 2.0.2 GAS COST VARIANCE ACCOUNT

### SaskEnergy Incorporated Gas Cost Variance Account (\$000's) November 1, 2017 - October 31, 2018

		Nov-17	2 Dec-17	Jan-18	4 Feb-18	5 Mar-18	6 Apr-18	7 May-18	8 Jun-18	9 Jul-18	10 Aug-18	11 Sep-18	12 Oct-18	13 TOTAL
Line	Description	1107-17	Dec-17	Juli-10	165-10	Mai-10	Api-10	may-10	3011-10	301-10	A09-10	Forecast	Forecast	IOIAL
1	GCVA Balance Forward at Oct 31, 2017	\$10,465												\$10,465
2	Opening Cumulative GCVA Balance - Under/(Over) Recovery	\$10,465	\$7,218	\$3,316	\$716	(\$1,055)	(\$2,950)	(\$6,963)	(\$8,402)	(\$9,260)	(\$10,070)	(\$11,363)	(\$12,789)	
3	Purchases - Alberta	\$10,700	\$11,761	\$9,615	\$8,414	\$8,379	\$7,227	\$7,449	\$7,207	\$7,444	\$7,442	\$7,183	\$7,423	\$100,243
4	Purchases - Saskatchewan	\$5,059	\$4,919	\$4,652	\$4,098	\$4,236	\$3,587	\$2,694	\$2,344	\$3,511	\$3,067	\$2,720	\$2,811	\$43,698
5	Less Purchase of Other Gas Sales	\$0	\$0	\$0	\$0	\$0	(\$336)	(\$305)	(\$298)	(\$347)	(\$324)	(\$316)	(\$380)	(\$2,306)
6	Price Risk Management (Inflows)/Outflows	\$683	\$1,166	\$1,040	\$1,012	\$1,228	\$607	\$1,483	\$1,456	\$645	\$918	\$1,088	\$1,125	\$12,451
7	Transportation	\$1,331	\$1,352	\$1,344	\$1,608	\$1,605	\$1,586	\$1,598	\$1,597	\$1,589	\$1,905	\$1,606	\$1,661	\$18,782
8	Cost of Purchase Gas	\$17,773	\$19,197	\$16,651	\$15,132	\$15,447	\$12,671	\$12,919	\$12,306	\$12,842	\$13,009	\$12,281	\$12,639	\$172,867
9	Storage Withdrawal (Injection)	\$5,776	\$9,156	\$15,742	\$17,368	\$9,458	\$1,744	(\$8,837)	(\$9,405)	(\$10,038)	(\$8,922)	(\$7,631)	(\$2,287)	\$12,126
10	Gas in Storage Interest Expense	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$373
11	Gas Supply Operating Maintenance & Admin Expenses	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$1,325
12	Gas Supply Related Bad Debt Expense	\$54	\$65	\$70	\$68	\$53	\$37	\$11	\$8	\$7	\$11	\$12	\$27	\$423
13	Less Gas Supply Related Late Payment Charges	(\$26)	(\$42)	(\$92)	(\$88)	(\$111)	(\$157)	(\$176)	(\$85)	(\$74)	(\$51)	(\$26)	(\$25)	(\$954)
14	Less Cost of Internal Usage	(\$69)	(\$127)	(\$127)	(\$199)	(\$172)	(\$121)	(\$101)	(\$55)	(\$38)	(\$35)	(\$82)	(\$70)	(\$1,198)
15	Cost of Gas Sold	\$23,650	\$28,391	\$32,384	\$32,423	\$24,817	\$14,315	\$3,958	\$2,910	\$2,841	\$4,153	\$4,696	\$10,425	\$184,964
16	Commodity Sales Revenue (Current Rate 3.65/GJ)	\$26,904	\$32,297	\$34,987	\$34,193	\$26,710	\$18,293	\$5,424	\$3,795	\$3,607	\$5,397	\$6,107	\$13,723	\$211,438
17	Gain (loss) on other gas sales	0	0	0	0	0	30	(35)	(36)	34	35	0	0	\$27
18	Period GCVA Balance	(\$3,255)	(\$3,906)	(\$2,602)	(\$1,770)	(\$1,893)	(\$4,008)	(\$1,431)	(\$849)	(\$800)	(\$1,279)	(\$1,412)	(\$3,298)	(\$26,501)
19	Period GCVA Interest	\$7	\$4	\$2	(\$0)	(\$2)	(\$5)	(\$8)	(\$9)	(\$11)	(\$14)	(\$15)	(\$19)	(\$70)
20	Closing Cumulative GCVA Balance (Line 2+18+19)	\$7,218	\$3,316	\$716	(\$1,055)	(\$2,950)	(\$6,963)	(\$8,402)	(\$9,260)	(\$10,070)	(\$11,363)	(\$12,789)	(\$16,106)	(\$16,106)

				Vo	olume (Giga	joules - 000s	;)							
Line	Description	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	TOTAL
21	Customer Sales	7,633	9,197	9,893	9,660	7,535	5,109	1,531	1,076	1,018	1,512	1,673	3,760	59,597
22	Purchases (less Fuel Gas & Line Loss)	5,993	6,602	5,400	4,719	4,865	4,651	4,969	4,650	4,725	4,853	4,496	4,621	60,544
23	Cost of Purchase Gas (\$/GJ)	\$2.966	\$2.908	\$3.083	\$3.207	\$3.175	\$2.725	\$2.600	\$2.646	\$2.718	\$2.681	\$2.731	\$2.735	
24	Storage Withdrawal (Injection)	1,663	2,636	4,532	5,000	2,723	640	(3,399)	(3,554)	(3,694)	(3,328)	(2,794)	(836)	(411)
25	Storage Withdrawal (Injection) Rate (\$/GJ)	\$3.474	\$3.474	\$3.474	\$3.474	\$3.474	\$2.725	\$2.600	\$2.646	\$2.718	\$2.681	\$2.731	\$2.735	
26	Internal Usage	(22)	(41)	(39)	(59)	(52)	(181)	(39)	(20)	(14)	(13)	(29)	(25)	(536)

### SCHEDULE 2.0.3 (REVISED) GAS COST VARIANCE ACCOUNT

SaskEnergy Incorporated Gas Cost Variance Account (\$000's) November 1, 2018 - March 31, 2019

		1	2	3	4	5	6
Line	Description	Nov-18 Forecast	Dec-18 Forecast	Jan-19 Forecast	Feb-19 Forecast	Mar-19 Forecast	TOTAL
1	GCVA Balance Forward at Oct 31, 2018	(\$16,106)					(\$16,106)
2	Opening Cumulative GCVA Balance - Under/(Over) Recovery	(\$16,106)	(\$14,861)	(\$13,932)	(\$13,129)	(\$12,341)	
3	Purchases - Alberta	\$7,292	\$7,535	\$7,535	\$6,806	\$7,535	\$36,703
4	Purchases - Saskatchewan	\$4,699	\$4,855	\$4,855	\$4,385	\$4,855	\$23,650
5	Less Purchase of Other Gas Sales	\$0	\$0	\$0	\$0	\$0	\$0
6	Price Risk Management (Inflows)/Outflows	\$1,237	\$1,278	\$1,278	\$1,154	\$1,278	\$6,225
7	Transportation	\$1,938	\$2,003	\$2,003	\$1,809	\$2,003	\$9,755
8	Cost of Purchase Gas	\$15,165	\$15,671	\$15,671	\$14,154	\$15,671	\$76,333
9	Storage Withdrawal (Injection)	\$5,591	\$11,987	\$13,793	\$10,899	\$5,632	\$47,901
10	Gas in Storage Interest Expense	\$37	\$37	\$37	\$37	\$37	\$183
11	Gas Supply Operating Maintenance & Admin Expenses	\$109	\$109	\$109	\$109	\$109	\$544
12	Gas Supply Related Bad Debt Expense	\$109	\$149	\$160	\$134	\$111	\$664
13	Less Gas Supply Related Late Payment Charges	(\$44)	(\$56)	(\$83)	(\$108)	(\$109)	(\$400)
14	Less Cost of Internal Usage	(\$162)	(\$281)	(\$257)	(\$383)	(\$349)	(\$1,431)
15	Cost of Gas Sold	\$20,805	\$27,615	\$29,429	\$24,842	\$21,102	\$123,793
16	Commodity Sales Revenue (Interim Rate 2.93/GJ)	\$19,543	\$26,670	\$28,608	\$24,039	\$19,869	\$118,728
17	Gain (loss) on other gas sales	0	0	0	0	0	\$0
18	Period GCVA Balance	\$1,262	\$945	\$821	\$802	\$1,233	\$5,064
19	Period GCVA Interest	(\$17)	(\$17)	(\$18)	(\$15)	(\$15)	(\$82)
20	Closing Cumulative GCVA Balance (Line 2+18+19)	(\$14,861)	(\$13,932)	(\$13,129)	(\$12,341)	(\$11,123)	(\$11,123)

	Volume (G	Gigajoules - 000	Os)				
Line	Description	Nov-18 Forecast	Dec-18 Forecast	Jan-19 Forecast	Feb-19 Forecast	Mar-19 Forecast	TOTAL
21	Customer Sales	6,665	9,096	9,757	8,199	6,776	40,494
22	Purchases (less Fuel Gas & Line Loss)	4,694	4,850	4,850	4,381	4,850	23,624
23	Cost of Purchase Gas (\$/GJ)	\$3.231	\$3.231	\$3.231	\$3.231	\$3.231	
24	Storage Withdrawal (Injection)	2,024	4,339	4,992	3,945	2,039	17,338
25	Storage Withdrawal (Injection) Rate (\$/GJ)	\$2.763	\$2.763	\$2.763	\$2.763	\$2.763	
26	Internal Usage	(52)	(92)	(85)	(127)	(112)	(468)

### **SCHEDULE 2.1.1**

#### **GAS COST VARIANCE ACCOUNT - STORAGE INVENTORY DETAILS**

### SaskEnergy Incorporated

Storage Inventory Details - Gas Cost Variance Account November 1, 2016 to October 31, 2017

		1	2	3	4	5	6	7	8	9	10	11	12
		Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17
Line	Gas in Storage - Volume												
1	Opening Balance (000's GJs)	19,393	19,331	14,377	10,040	6,762	4,124	4,399	6,876	10,423	13,523	16,783	19,308
2	Closing Balance (000's GJs)	19,331	14,377	10,040	6,762	4,124	4,399	6,876	10,423	13,523	16,783	19,308	19,195
3	(Injections)/ Withdrawals (000's GJs)	62	4,955	4,336	3,278	2,638	(276)	(2,477)	(3,547)	(3,100)	(3,260)	(2,525)	114
4	(Injection)/Withdrawal Price	\$3.88	\$3.88	\$3.88	\$3.88	\$3.88	\$3.62	\$3.66	\$3.44	\$3.40	\$3.26	\$3.01	\$3.16
5	Weighted Average Price of Gas in Storage	\$3.88	\$3.88	\$3.88	\$3.88	\$3.88	\$3.87	\$3.79	\$3.67	\$3.61	\$3.54	\$3.47	\$3.47
	Cost of Gas in Storage												
6	Opening Balance (\$000)	\$ 75,277	\$ 75,037	\$ 55,804	\$ 38,973	\$ 26,248	\$ 16,007	\$ 17,005	\$ 26,078	\$ 38,295	\$ 48,825	\$ 59,468	\$ 67,069
7	Closing Balance (\$000)	\$ 75,037	\$ 55,804	\$ 38,973	\$ 26,248	\$ 16,007	\$ 17,005	\$ 26,078	\$ 38,295	\$ 48,825	\$ 59,468	\$ 67,069	\$ 66,674
8	Net Change in Inventory (\$000)	\$ 241	\$ 19,233	\$ 16,832	\$ 12,725	\$ 10,242	\$ (999)	\$ (9,072)	\$ (12,217)	\$ (10,530)	\$ (10,643)	\$ (7,601)	\$ 395

Line Storage Inventory Carrying Costs	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	TOTAL
			<	Previous Su	ımmer	•								
9 Gas in Storage Closing Balance 10 Average Daily Balance	\$26,508	\$27,312 \$26,910	\$35,622 \$31,467	\$45,742 \$40,682	\$56,879 \$51,310	\$67,965 \$62,422	\$76,737 \$72,351	\$75,277 \$76,007	\$75,037 \$75,157	\$55,804 \$65,421	\$38,973 \$47,389	\$26,248 \$32,611	\$16,007 \$21,127	
11 Interest Rate 12 Calculated Monthly Interest Charge 13 Total Annual Interest 14 Amortized Monthly Interest Charge		0.55% \$12	0.60% \$16	0.55% \$18	0.52% \$23	0.52% \$28	0.53% \$32	0.52% \$34	0.53% \$33	0.52% \$29	0.55% \$22	0.54% \$14	0.50% \$9	\$268 \$22

### SCHEDULE 2.1.2

#### **GAS COST VARIANCE ACCOUNT - STORAGE INVENTORY DETAILS**

### SaskEnergy Incorporated

Storage Inventory Details - Gas Cost Variance Account November 1, 2017 to October 31, 2018

	1	2	3	4	5	6	7	8	9	10	11	12
	Nov-17	Dec-1	7 Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18 Forecast	Oct-18 Forecast
Line Gas in Storage - Volume											roiecusi	rorecusi
Opening Balance (000's GJs)	19,195	17,532	14,896	10,364	5,364	2,641	2,139	5,538	9,092	12,786	16,114	18,908
2 Closing Balance (000's GJs)	17,532	14,896	10,364	5,364	2,641	2,139	5,538	9,092	12,786	16,114	18,908	19,744
3 (Injections)/ Withdrawals (000's GJs)	1,663	2,636	4,532	5,000	2,723	502	(3,399)	(3,554)	(3,694)	(3,328)	(2,794)	(836)
4 (Injection)/Withdrawal Price	\$3.47	\$3.4	7 \$3.47	\$3.47	\$3.47	\$2.72	\$2.60	\$2.65	\$2.72	\$2.68	\$2.73	\$2.73
5 Weighted Average Price of Gas in Storage	\$3.47	\$3.4	7 \$3.47	\$3.47	\$3.47	\$3.47	\$2.94	\$2.82	\$2.79	\$2.77	\$2.76	\$2.76
Cost of Gas in Storage												
6 Opening Balance (\$000)	\$ 66,674	\$ 60,898	\$ 51,742	\$ 36,000	\$ 18,632	\$ 9,174	\$ 7,429 \$	16,266	\$ 25,671	35,709	\$ 44,631	\$ 52,261
7 Closing Balance (\$000)	\$ 60,898	\$ 51,742	\$ 36,000	\$ 18,632	\$ 9,174	\$ 7,429	\$ 16,266	25,671	\$ 35,709	44,631	\$ 52,261	\$ 54,548
8 Net Change in Inventory (\$000)	\$ 5,776	\$ 9,156	\$ 15,742	\$ 17,368	\$ 9,458	\$ 1,744	\$ (8,837) \$	(9,405)	\$ (10,038)	(8,922)	\$ (7,631)	\$ (2,287)

Line Storage Inventory Carrying Costs	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	TOTAL
			<	Previous Su	mmer	•								
9 Gas in Storage Closing Balance 10 Average Daily Balance	\$16,007	\$17,005 \$16,506	\$26,078 \$21,542	\$38,295 \$32,186	\$48,825 \$43,560	\$59,468 \$54,147	\$67,069 \$63,268	\$66,674 \$66,871	\$60,898 \$63,786	\$51,742 \$56,320	\$36,000 \$43,871	\$18,632 \$27,316	\$9,174 \$13,903	
11 Interest Rafe 12 Calculated Monthly Interest Charge 13 Total Annual Interest 14 Amortized Monthly Interest Charge		0.48% \$7	0.50% \$9	0.50% \$13	0.70% \$26	0.76% \$35	0.86% \$45	1.00% \$57	1.00% \$52	1.00% \$48	1.07% \$40	1.30% \$27	1.26% \$15	\$373 \$31

### **SCHEDULE 2.1.3**

#### **GAS COST VARIANCE ACCOUNT - STORAGE INVENTORY DETAILS**

### **SaskEnergy Incorporated**

Storage Inventory Details - Gas Cost Variance Account November 1, 2018 to March 31, 2019

		1	2	3	4	5
		Nov-18 Forecast	Dec-18 Forecast	Jan-19 Forecast	Feb-19 Forecast	Mar-19 Forecast
Line	Gas in Storage - Volume					
1	Opening Balance (000's GJs)	19,744	17,720	13,382	8,389	4,444
2	Closing Balance (000's GJs)	17,720	13,382	8,389	4,444	2,406
3	(Injections)/ Withdrawals (000's GJs)	2,024	4,339	4,992	3,945	2,039
4	(Injection)/Withdrawal Price	\$2.76	\$2.76	\$2.76	\$2.76	\$2.76
5	Weighted Average Price of Gas in Storage	\$2.76	\$2.76	\$2.76	\$2.76	\$2.76
	Cost of Gas in Storage					
6	Opening Balance (\$000)	\$ 54,548	\$ 48,957	\$ 36,971	\$ 23,178	\$ 12,279
7	Closing Balance (\$000)	\$ 48,957	\$ 36,971	\$ 23,178	\$ 12,279	\$ 6,647
8	Net Change in Inventory (\$000)	\$ 5,591	\$ 11,987	\$ 13,793	\$ 10,899	\$ 5,632

Line Storage Inventory Carrying Costs	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	IOIAL
			<	Previous Su	ımmer	•								
9 Gas in Storage Closing Balance 10 Average Daily Balance	\$9,174	\$7,429 \$8,302	\$16,266 \$11,848	\$25,671 \$20,969	\$35,709 \$30,690	\$44,631 \$40,170	\$52,261 \$48,446	\$54,548 \$53,405	\$48,957 \$51,753	\$36,971 \$42,964	\$23,178 \$30,074	\$12,279 \$17,728	\$6,647 \$9,463	
11 Interest Rate 12 Calculated Monthly Interest Charge 13 Total Annual Interest 14 Amortized Monthly Interest Charge		1.25% \$9	1.25% \$13	1.28% \$22	1.30% \$34	1.51% \$52	1.51% \$60	1.51% \$68	1.37% \$58	1.37% \$50	1.54% \$39	1.54% \$21	1.54% \$12	\$438 \$37

### SCHEDULE 3.0 (REVISED) DETERMINATION OF COMMODITY RATE

#### SaskEnergy Incorporated

#### Determination of Commodity Rate for April 2019 to March 2020

Line	Description	Amount	Ref.
1	Estimated Balance of GCVA at March 31, 2019	(\$11,123,210)	Schedule 2.0.3, Col. 5, Line 20
2	April 1, 2019 to March 31, 2020 Gas Cost Forecast	\$ 154,535,650	Schedule 1.0, SUM Col. 1-12, Line 12
3	Total Forecast Costs to Recover	\$ 143,412,440	Line 1 plus Line 2
4	April 1, 2019 to March 31, 2020 Forecast Sales (GJs)	55,699,615	Schedule 1.0, SUM Col. 1-12, Line 13
5	April 1, 2019 to March 31, 2020 Monthly Weighted Cost per Unit of Sales	\$2.575	Line 3 divided by Line 4
6	Proposed Commodity Rate (GJ)	\$2.63	
7	Customer Commodity Rate Equivalent (Heating Value = 38.75 MJ/m³)	10.20	cents per cubic metre
8	Estimated Balance of GCVA at March 31, 2020	(\$3,351,327)	

#### Notes:

- 1. Numbers might not add precisely due to rounding.
- 2. SaskEnergy purchases natural gas on an energy basis (GJs) and bills its customers on a volume basis (cubic metres). The Heating Value used to convert energy to volume is a forecast based on the previous average volume-weighted twelve months.
- 3. Assumes interim rate decrease at November 1, 2018 of \$2.93/GJ or \$11.36 cents per cubic metre

### **SCHEDULE 4.0 (REVISED)**

### **DELIVERY REVENUE REQUIREMENT SUMMARY** (\$000's)

# SaskEnergy Incorporated Delivery Revenue Requirement Summary (\$000's)

Component	2019-20 Forecast
Operating & Maintenance	136,457
Transportation & Storage	54,697
Depreciation Expense	48,405
Tax Expense	7,270
Interest Expense	30,638
Net Earnings	32,790
Total Delivery Revenue Requirement	310,257
Other Revenue and Adjustments	
Other Revenue	(30,411)
Net Delivery Revenue Requirement	279,846
April 1, 2019 - March 31, 2020	

### SCHEDULE 4.1 (REVISED)

### **DELIVERY TRANSPORTATION AND STORAGE EXPENSE** (\$000's)

# SaskEnergy Incorporated Delivery Transportation and Storage Expense (\$000's)

Transportation & Storage (\$000's)	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
<b>Transportation</b> Transportation Costs	28,580	30,037	31,282	31,516	31,821	31,986	32,665	34,182
Storage Cost	14,777	15,830	17,265	17,569	18,355	18,355	20,044	20,515
Total Transportation & Storage Expense	43,357	45,867	48,547	49,085	50,176	50,342	52,709	54,697
Volume								
<b>Transportation</b> Contracted Demand (in GJ's/day)	575,020	585,000	590,000	595,000	600,000	600,000	605,000	605,000
Storage Contracted Firm Deliverability (in GJ's/day) Contracted Storage Volume (in PJ's)	382,838 20.9	383,244 21.8	396,994 23.6	393,217 23.4	393,217 23.4	393,217 23.4	393,217 23.4	393,217 23.4

### **SCHEDULE 4.2 (REVISED)**

### **OPERATING AND MAINTENANCE EXPENSE** (\$000's)

### SaskEnergy Incorporated Operating and Maintenance (\$000's)

	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Operations								
Costs Incurred	120,132	126,770	125,219	125,100	124,009	120,431	135,668	141,528
Capitalized & Recovered	(9,462)	(11,472)	(11,754)	(11,913)	(9,876)	(9,578)	(7,511)	(7,959)
Subtotal Operations	110,670	115,298	113,465	113,187	114,133	110,852	128,157	133,569
Engineering and Construction								
Costs Incurred	28,560	30,116	28,287	27,981	27,122	27,935	29,466	31,134
Capitalized & Recovered	(27,172)	(28,613)	(26,777)	(26,378)	(25,530)	(26,107)	(27,246)	(28,246)
Subtotal Engineering & Construction	1,388	1,503	1,510	1,603	1,592	1,828	2,220	2,888
Total Operating & Maintenance	112,058	116,801	114,975	114,790	115,725	112,680	130,377	136,457

### **SCHEDULE 4.3 (REVISED)**

### **DEPRECIATION EXPENSE** (\$000's)

### SaskEnergy Incorporated Depreciation Expense (\$000's)

	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Distribution Plant								
Land Costs	-	_	-	-	-	_	-	_
Land Rights	227	246	256	259	257	257	257	257
Building and Site Improvements	2,462	1,365	1,700	1,780	2,132	2,365	2,490	2,648
Services	6,908	9,140	10,424	10,661	11,819	12,333	12,856	13,322
Meter and Regulator Installations	1,339	1,442	1,575	1,612	1,742	1,849	2,151	2,288
Mains	8,804	9,393	10,094	10,255	10,971	11,402	12,322	13,456
Measuring and Regulating Equipment	3,141	1,730	1,421	1,437	1,483	1,528	1,604	1,706
Meters	1,376	1,793	2,704	2,815	3,003	3,186	3,214	3,419
Other Distribution Equipment	321	453	460	479	554	634	690	734
Distribution before Customer Contributions	24,578	25,562	28,634	29,298	31,960	33,552	35,584	37,830
Amortization of Customer Contributions	(4,232)	(4,843)	(5,200)	(5,326)	(5,770)	(6,212)	(6,663)	(7,183)
Sub-total -	20,346	20,719	23,434	23,971	26,190	27,340	28,921	30,647
General Plant								
Land	_	_	_	-	-	_	-	-
Buildings and Improvements	1,473	1,550	1,612	1,609	1,588	1,579	2,905	3,159
Office Furniture and Equipment	496	491	486	484	519	495	489	520
Transportation Vehicles	2,524	2,756	2,723	2,726	2,113	2,350	1,682	2,008
Heavy Work Equipment	532	618	679	704	1,121	1,096	1,102	1,117
Tools and Equipment	489	542	581	596	714	726	750	798
Information System Assets	4,087	6,593	6,476	6,426	7,014	7,466	9,549	10,156
Sub-total -	9,601	12,550	12,557	12,546	13,069	13,711	16,477	17,758
Total Depreciation	29,947	33,269	35,990	36,517	39,260	41,051	45,398	48,405

### SCHEDULE 4.4 (REVISED)

TAX EXPENSE (\$000's)

### SaskEnergy Incorporated Tax Expense (\$000's)

	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Corporate Capital Tax	4,191	4,177	4,370	4,514	4,725	5,242	6,081	6,704
Grants in Lieu of Taxes	151	168	199	199	213	239	420	566
Total Taxes	4,342	4,345	4,569	4,713	4,938	5,481	6,501	7,270

### SCHEDULE 4.5 (REVISED)

### INTEREST EXPENSE (\$000's)

### SaskEnergy Incorporated Interest Expense (\$000's)

	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Interest on Notes Payable to Holdings Division	15,881	18,111	20,071	20,601	21,047	22,489	23,641	27,596
Interest on Bank Indebtedness	1,800	1,729	1,065	949	952	1,194	2,287	2,756
Accretion Expense	1,778	1,921	2,027	2,051	2,066	2,428	2,694	3,100
Amortization of Deferred Charges	23	150	259	267	243	250	230	227
Debt Retirement Fund Earnings	(1,658)	(1,416)	(2,203)	(1,281)	(1,085)	(978)	(1,743)	(2,361)
Capitalized Interest	(877)	(616)	(143)	(183)	(144)	(350)	(148)	(234)
Interest Allocated to Commodity Cost of Gas	(503)	(361)	(378)	(390)	(319)	(335)	(326)	(446)
Total Interest Expense	16,445	19,518	20,699	22,014	22,760	24,698	26,635	30,638

### SCHEDULE 4.6 (REVISED)

NET INCOME (\$000's)

## SaskEnergy Incorporated Net Income (\$000's)

Net Income before Market	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Adjustments on Gas Marketing	27,988	26,523	9,574	1,743	28,812	70,220	29,982	32,148
Total Net Income	27,988	26,523	9,574	1,743	28,812	70,220	29,982	32,148

### **SCHEDULE 4.7**

### OTHER REVENUE (\$000's)

# SaskEnergy Incorporated Other Revenue (\$000's)

	2013 Actual	2014 Actual	2015 Actual	2015-16 Actual	2016-17 Actual	2017-18 Actual	2018-19 Forecast	2019-20 Forecast
Connect Fees	(2,190)	(2,164)	(2,072)	(2,058)	(2,034)	(1,983)	(2,094)	(2,050)
Asset Optimization	(5,229)	(746)	(4,052)	(3,919)	(5,644)	(16,197)	(11,799)	(5,913)
Late Payment Charges	(540)	(1,235)	(1,191)	(1,186)	(1,132)	(1,112)	(1,326)	(1,200)
Customer Financing	(81)	(92)	(99)	(76)	(98)	(115)	(90)	(64)
Miscellaneous Revenue	(941)	(1,058)	(476)	(413)	(520)	(568)	(464)	(575)
Distribution Tolls	(13,196)	(14,658)	(16,420)	(16,557)	(16,264)	(18,414)	(19,333)	(20,609)
Total Other Revenue	(22,178)	(19,954)	(24,311)	(24,209)	(25,692)	(38,390)	(35,106)	(30,411)

### **SCHEDULE 5.0**

#### **RECOMMENDED DELIVERY RATES**

### SaskEnergy Distribution Division

Rate Class & Components	Units	Current Rates	Rate Increase	Recommended Rates April 1, 2019
Residential				
Basic Monthly Charge	\$/Mo.	23.20		23.20
Delivery Charge	\$/m³	0.0924	0.0076	0.1000
Commercial Small				
Basic Monthly Charge	\$/Mo.	38.50		38.50
Delivery Charge	\$/m <sup>3</sup>	0.0770	0.0041	0.0811
Commercial Large				
Basic Monthly Charge	\$/Mo.	137.40		137.40
Delivery Charge	\$/m <sup>3</sup>	0.0673	0.0011	0.0684
Small Industrial				
Basic Monthly Charge	\$/Mo.	216.00		216.00
Delivery Charge				
- First 40,000 m <sup>3</sup> /Mo.	\$/m³	0.0440	0.0002	0.0442
- Balance	\$/m <sup>3</sup>	0.0379	0.0002	0.0381

#### Notes:

- **Bold Figures** identify the changes from the current rates  $m^3$  = cubic meters

### **SCHEDULE 5.1 (REVISED)**

### FORECAST DELIVERY REVENUES - APRIL 1, 2019 - MARCH 31, 2020

### Delivery Revenue at Current Rates (\$ millions)

Rate Class	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total
Residential	14.3	11.3	10.2	10.0	10.1	11.0	14.5	19.5	23.5	24.7	21.8	19.4	190.2
Commercial Small	4.4	3.1	2.4	2.3	2.4	2.8	4.1	6.3	8.2	8.4	7.8	6.6	58.7
Commercial Large	1.4	1.0	0.7	0.7	0.6	0.8	1.5	2.0	2.7	3.0	2.6	2.4	19.3
Small Industrial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Total Delivery	20.2	15.5	13.4	13.1	13.1	14.6	20.2	27.8	34.5	36.2	32.2	28.5	269.4

### Delivery Revenues at Recommended Rates (\$ millions)

Rate Class	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total
Residential	14.8	11.5	10.3	10.2	10.2	11.2	15.0	20.4	24.8	26.0	22.9	20.3	197.7
Commercial Small	4.6	3.2	2.5	2.3	2.4	2.9	4.3	6.5	8.5	8.8	8.1	6.8	60.9
Commercial Large	1.4	1.0	0.7	0.7	0.6	0.8	1.5	2.0	2.7	3.0	2.6	2.5	19.4
Small Industrial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Total Delivery	20.9	15.9	13.6	13.2	13.3	14.9	20.9	29.0	36.1	38.0	33.7	29.7	279.2
Rate Change	0.7	0.4	0.2	0.2	0.2	0.3	0.7	1.2	1.6	1.8	1.5	1.2	9.9

Note: Tables may not add percisely due to rounding

### **SCHEDULE 5.2 (REVISED)**

### **LOAD FORECAST – BASE CASE**

	April 1, 2019 - March 31, 2020 Monthly Forecast Number of Customers													
Rate Class	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Average	
Residential	354,993	354,466	353,786	354,017	354,014	354,809	356,013	357,892	358,884	359,448	359,739	360,004	356,506	
Commercial Small	40,118	40,083	40,036	40,015	40,024	40,050	39,961	40,310	40,418	40,504	40,532	40,545	40,216	
Commercial Large	1,460	1,467	1,470	1,468	1,469	1,472	1,479	1,488	1,495	1,490	1,490	1,491	1,478	
Small Industrial	29	29	29	29	29	29	29	29	29	29	29	29	29	
Total Delivery	396,601	396,045	395,321	395,528	395,536	396,360	397,483	399,718	400,826	401,471	401,790	402,069	398,229	

	April 1, 2019 - March 31, 2020 Monthly Forecast Delivery Volumes in Thousands of Cubic Metres (m³)														
Rate Class	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total		
Residential	65,692	33,210	21,059	19,455	20,332	29,822	67,443	121,390	164,756	176,818	145,349	119,038	984,364		
Commercial Small	37,569	20,634	11,285	9,612	10,511	16,176	33,803	61,408	85,881	89,352	81,010	65,161	522,401		
Commercial Large	17,361	12,094	7,845	7,368	5,266	8,480	19,029	26,092	37,024	41,509	34,868	32,946	249,883		
Small Industrial	3,180	1,703	1,442	1,355	1,326	1,160	1,429	1,872	1,676	2,396	2,543	2,927	23,009		
Block One	1,357	729	559	576	558	522	528	563	476	684	709	954	8,215		
Block Two	1,823	973	883	779	768	638	901	1,309	1,200	1,712	1,834	1,972	14,794		
Total Delivery	123,802	67,641	41,631	37,790	37,436	55,639	121,704	210,763	289,336	310,074	263,771	220,071	1,779,658		

		Apri	l 1, 2019 - Mo	arch 31, 2020	Monthly For	ecast Delive	ry Volumes i	n Thousands	of Gigajoule	s (GJ)			
Rate Class	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total
Residential	2,546	1,287	816	754	788	1,156	2,613	4,704	6,384	6,852	5,632	4,613	38,144
Commercial Small	1,456	800	437	372	407	627	1,310	2,380	3,328	3,462	3,139	2,525	20,243
Commercial Large	673	469	304	286	204	329	737	1,011	1,435	1,608	1,351	1,277	9,683
Small Industrial	123	66	56	52	51	45	55	72	65	93	98	113	889
Total Delivery	4,797	2,621	1,613	1,464	1,450	2,156	4,716	8,167	11,212	12,015	10,221	8,527	68,959

Note: Tables may not add percisely due to rounding Heat Value Assumed is 38.75 MJ/m3