

SaskEnergy Commodity Rate Application

Market Update

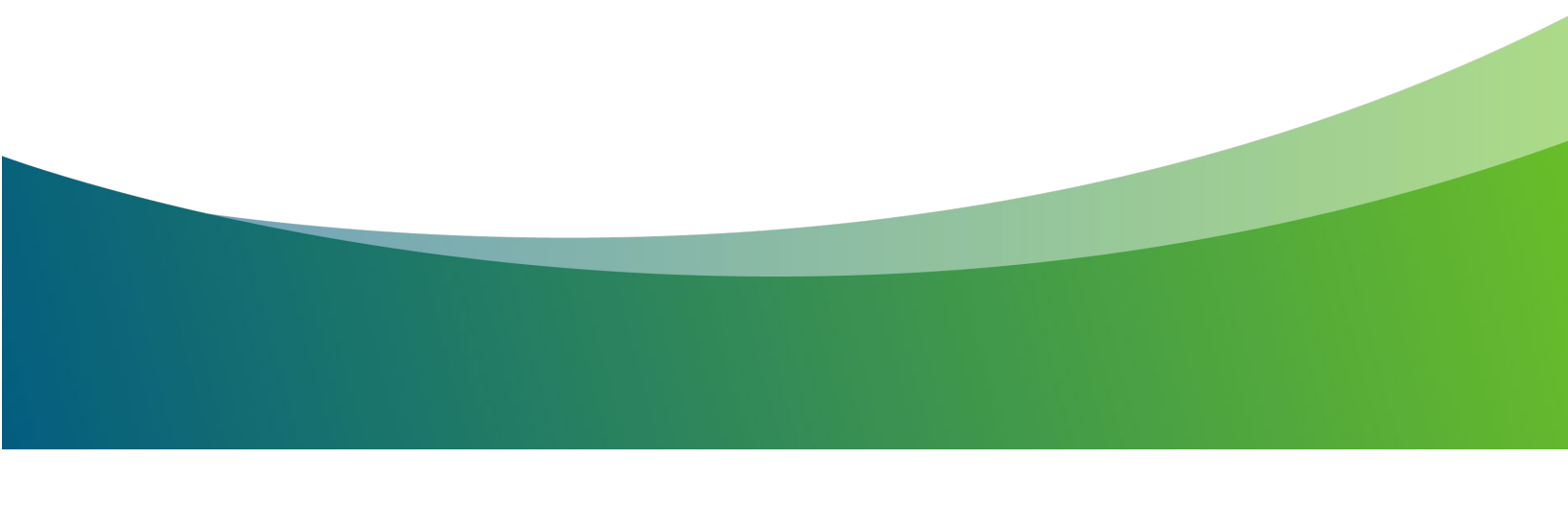
September 24, 2021

(Revised)



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1. COMMODITY BILL IMPACT – MARKET UPDATE

The indicative commodity rate, based on the market update, is 12.78 cents per cubic metre (\$3.20/gigajoule) effective November 1, 2021.

The customer bill impact below includes all rate charges on the bill and compares the commodity rate (market update based on September 23, 2021 market prices) increase to the current rates over one year.

	Commodity Rate Increase (\$2.575/GJ to \$3.20/GJ)		Total Bill Impact
	\$/Month*	% Increase	% Increase
Residential	\$6.16	28.1%	9.2%
Commercial Small	\$30.11	28.1%	12.9%
Commercial Large	\$393	28.1%	15.7%
Small Industrial	\$1,625	28.1%	19.4%
Average		28.1%	10.9%

*The average monthly increase is based on an average customer's annual consumption and will vary depending on customer usage.

On average, the commodity rate change will result in approximately \$6.29/month or an 9.4% annual bill increase for Residential customers.

2. SCHEDULES

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FORECAST COST OF GAS SOLD

SaskEnergy Incorporated
Forecast Cost of Gas Sold (\$000's)
November 1, 2021 - October 31, 2022

Line	Description	1	2	3	4	5	6	7	8	9	10	11	12	13
		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	TOTAL
1	Saskatchewan Purchases	\$3,549	\$3,667	\$3,667	\$3,312	\$3,667	\$2,818	\$2,912	\$2,818	\$2,912	\$2,912	\$2,818	\$2,912	\$37,966
2	Alberta Purchases	\$10,862	\$11,224	\$11,224	\$10,137	\$11,224	\$8,895	\$9,192	\$8,895	\$9,192	\$9,192	\$8,895	\$9,190	\$118,120
3	Price Risk Management (Inflows)/Outflows	(\$3,729)	(\$3,853)	(\$3,853)	(\$3,481)	(\$3,853)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$18,770)
4	Costs upstream of TEP	\$2,353	\$2,432	\$2,432	\$2,196	\$2,432	\$2,353	\$2,432	\$2,353	\$2,432	\$2,432	\$2,353	\$2,432	\$28,631
5	Cost of Purchase Gas	\$13,035	\$13,469	\$13,469	\$12,166	\$13,469	\$14,067	\$14,536	\$14,067	\$14,536	\$14,536	\$14,067	\$14,534	\$165,947
6	Storage Withdrawal (Injection)	\$6,292	\$14,096	\$16,326	\$12,333	\$6,032	(\$2,371)	(\$8,418)	(\$8,875)	(\$11,311)	(\$11,335)	(\$8,588)	(\$2,218)	\$1,962
7	Gas in Storage Interest Expense	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$52
8	Gas Supply Operating Maintenance & Admin Expenses	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$115	\$1,385
9	Gas Supply Related Bad Debt Expense	\$94	\$130	\$139	\$115	\$94	\$51	\$26	\$23	\$14	\$14	\$24	\$55	\$780
10	Less Gas Supply Related Late Payment Charges	(\$44)	(\$57)	(\$84)	(\$109)	(\$110)	(\$100)	(\$85)	(\$68)	(\$55)	(\$46)	(\$41)	(\$40)	(\$839)
11	Less Cost of Internal Usage	(\$194)	(\$264)	(\$336)	(\$319)	(\$373)	(\$277)	(\$256)	(\$159)	(\$97)	(\$45)	(\$103)	(\$110)	(\$2,533)
12	Cost of Gas Sold	\$19,301	\$27,494	\$29,634	\$24,305	\$19,232	\$11,490	\$5,923	\$5,107	\$3,207	\$3,244	\$5,479	\$12,340	\$166,755

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	Oct-22	TOTAL
		13	Customer Sales	4,720	4,877	4,877	4,405	4,877	4,418	4,565	4,418	4,565	4,565	4,418
14	Purchases (less Fuel Gas & Line Loss)	4,691	4,847	4,847	4,378	4,847	4,388	4,534	4,388	4,534	4,534	4,388	4,534	54,914
15	Cost of Purchase Gas (Gj)	\$2,779	\$2,779	\$2,779	\$2,779	\$2,779	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	
16	Storage Withdrawal (Injection)	1,893	4,241	4,912	3,710	1,815	(740)	(2,626)	(2,769)	(3,529)	(3,536)	(2,679)	(692)	0
17	Storage Withdrawal (Injection) Rate (Gj)	\$3,324	\$3,324	\$3,324	\$3,324	\$3,324	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	\$3,206	
18	Internal Usage	(1,864)	(4,211)	(4,882)	(3,684)	(1,785)	770	2,657	2,798	3,560	3,567	2,709	723	358

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

SCHEDULE 1.0 – PAGE 2 OF 2

FORECAST COST OF GAS SOLD

SaskEnergy Incorporated
Forecast Cost of Gas Sold (\$000's)
November 1, 2022 - October 31, 2023

Line	Description	1	2	3	4	5	6	7	8	9	10	11	12	13
		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	TOTAL
1	Saskatchewan Purchases	\$2,990	\$3,089	\$3,089	\$2,790	\$3,089	\$2,318	\$2,396	\$2,318	\$2,396	\$2,396	\$2,318	\$2,396	\$31,584
2	Alberta Purchases	\$10,112	\$10,449	\$10,490	\$9,474	\$10,490	\$8,468	\$8,750	\$8,468	\$8,750	\$8,750	\$8,468	\$8,750	\$111,418
3	Price Risk Management (Inflows)/Outflows	(\$2,838)	(\$2,932)	(\$2,932)	(\$2,649)	(\$2,932)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$14,284)
4	Costs upstream of TEP	\$2,353	\$2,432	\$2,432	\$2,196	\$2,432	\$2,353	\$2,432	\$2,353	\$2,432	\$2,432	\$2,353	\$2,432	\$28,631
5	Cost of Purchase Gas	\$12,617	\$13,038	\$13,078	\$11,812	\$13,078	\$13,139	\$13,577	\$13,139	\$13,577	\$13,577	\$13,139	\$13,577	\$157,348
6	Storage Withdrawal (Injection)	\$6,123	\$13,634	\$15,742	\$11,903	\$5,847	(\$2,224)	(\$7,868)	(\$8,294)	(\$10,568)	(\$10,591)	(\$8,026)	(\$2,083)	\$3,594
7	Gas in Storage Interest Expense	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$12	\$146
8	Gas Supply Operating Maintenance & Admin Expenses	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$117	\$1,400
9	Gas Supply Related Bad Debt Expense	\$66	\$91	\$98	\$81	\$66	\$36	\$19	\$16	\$10	\$10	\$17	\$39	\$548
10	Less Gas Supply Related Late Payment Charges	(\$44)	(\$57)	(\$84)	(\$109)	(\$110)	(\$100)	(\$85)	(\$68)	(\$55)	(\$46)	(\$41)	(\$40)	(\$839)
11	Less Cost of Internal Usage	(\$189)	(\$255)	(\$326)	(\$309)	(\$362)	(\$258)	(\$240)	(\$149)	(\$91)	(\$42)	(\$96)	(\$103)	(\$2,420)
12	Cost of Gas Sold	\$18,702	\$26,579	\$28,637	\$23,506	\$18,648	\$10,722	\$5,532	\$4,772	\$3,002	\$3,037	\$5,121	\$11,518	\$159,777

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	Oct-23	TOTAL
		13	Customer Sales	6,486	8,958	9,601	7,946	6,505	3,557	1,826	1,568	975	983	1,675
14	Purchases (less Fuel Gas & Line Loss)	4,646	4,801	4,812	4,346	4,812	4,385	4,531	4,385	4,531	4,531	4,385	4,531	54,694
15	Cost of Purchase Gas (Gj)	\$2,716	\$2,716	\$2,718	\$2,718	\$2,718	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	
16	Storage Withdrawal (Injection)	1,905	4,243	4,899	3,704	1,819	(742)	(2,626)	(2,768)	(3,527)	(3,534)	(2,678)	(695)	0
17	Storage Withdrawal (Injection) Rate (Gj)	\$3,214	\$3,214	\$3,214	\$3,214	\$3,214	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	\$2,997	
18	Internal Usage	(65)	(86)	(109)	(104)	(126)	(86)	(79)	(49)	(29)	(14)	(31)	(34)	(813)

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

SCHEDULE 1.1 – PAGE 1 OF 2

FORECAST GAS PRICES

SaskEnergy Incorporated
Forecast Gas Prices for
November 1, 2021 - October 31, 2022
Closing Prices as of September 23, 2021
\$/Gigajoule

	1	2	3	4	5	6	7	8	9	10	11	12
Line Description	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
1 AECO Forward Prices	4.214	4.214	4.214	4.214	4.214	3.295	3.295	3.295	3.295	3.295	3.295	3.295
COST OF PURCHASE GAS												
2 Cost of Purchase Gas Before Financial Hedges	3.053	3.053	3.053	3.053	3.053	2.651	2.651	2.651	2.651	2.651	2.651	2.651
3 Change in Price due to Financial Hedges	(0.787)	(0.787)	(0.787)	(0.787)	(0.787)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4 Receipt Transport	0.499	0.499	0.499	0.499	0.499	0.533	0.533	0.533	0.533	0.533	0.533	0.533
5 Forecast Cost of Purchase Gas	2.765	2.765	2.765	2.765	2.765	3.184	3.184	3.184	3.184	3.184	3.184	3.184
6 Volume Adjusted Cost of Purchase Gas ¹	2.792	2.792	2.792	2.792	2.792	3.206	3.206	3.206	3.206	3.206	3.206	3.206
COST OF GAS SOLD												
7 Purchase Price	2.792	2.792	2.792	2.792	2.792	3.206	3.206	3.206	3.206	3.206	3.206	3.206
8 % of Sales met with Purchases	71.0%	52.9%	49.1%	53.5%	72.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9 Inventory Withdrawal Price	3.324	3.324	3.324	3.324	3.324	3.279	3.237	3.225	3.219	3.215	3.214	3.214
10 % of Sales met with Inventory	29.0%	47.1%	50.9% ²	46.5%	27.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
11 Cost of Gas Sold before OM&A	2.946	3.042	3.063	3.039	2.940	3.206	3.206	3.206	3.206	3.206	3.206	3.206
12 Interest, OM&A and Bad Debt Expense Less Late Payment Charges ²	0.037	0.040	0.037	0.029	0.022	0.017	0.014	0.018	0.018	0.020	0.024	0.030
13 Forecast Cost of Gas Sold	\$ 2.983	\$ 3.083	\$ 3.099	\$ 3.069	\$ 2.962	\$ 3.223	\$ 3.220	\$ 3.223	\$ 3.224	\$ 3.226	\$ 3.230	\$ 3.236

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

² 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 1.1 – PAGE 2 OF 2

FORECAST GAS PRICES

SaskEnergy Incorporated
Forecast Gas Prices for
November 1, 2022 - October 31, 2023
Closing Prices as of September 23, 2021
\$/Gigajoule

	1	2	3	4	5	6	7	8	9	10	11	12
Line Description	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
1 AECO Forward Prices	3.686	3.686	3.686	3.686	3.686	2.791	2.791	2.791	2.791	2.791	2.791	2.791
COST OF PURCHASE GAS												
2 Cost of Purchase Gas Before Financial Hedges	2.803	2.803	2.805	2.805	2.805	2.443	2.443	2.443	2.443	2.443	2.443	2.443
3 Change in Price due to Financial Hedges	(0.607)	(0.607)	(0.606)	(0.606)	(0.606)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4 Receipt Transport	0.503	0.503	0.502	0.502	0.502	0.533	0.533	0.533	0.533	0.533	0.533	0.533
5 Forecast Cost of Purchase Gas	2.699	2.699	2.701	2.701	2.701	2.976	2.976	2.976	2.976	2.976	2.976	2.976
6 Volume Adjusted Cost of Purchase Gas ¹	2.716	2.716	2.718	2.718	2.718	2.997	2.997	2.997	2.997	2.997	2.997	2.997
COST OF GAS SOLD												
7 Purchase Price	2.716	2.716	2.718	2.718	2.718	2.997	2.997	2.997	2.997	2.997	2.997	2.997
8 % of Sales met with Purchases	70.6%	52.6%	49.0%	53.4%	72.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9 Inventory Withdrawal Price	3.214	3.214	3.214	3.214	3.214	3.130	3.053	3.032	3.020	3.015	3.012	3.011
10 % of Sales met with Inventory	29.4%	47.4%	51.0% ²	46.6%	28.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
11 Cost of Gas Sold before OM&A	2.862	2.951	2.971	2.949	2.856	2.997	2.997	2.997	2.997	2.997	2.997	2.997
12 Interest, OM&A and Bad Debt Expense Less Late Payment Charges ²	0.024	0.019	0.015	0.013	0.014	0.019	0.036	0.051	0.090	0.098	0.065	0.034
13 Forecast Cost of Gas Sold	\$ 2.886	\$ 2.970	\$ 2.986	\$ 2.962	\$ 2.870	\$ 3.016	\$ 3.033	\$ 3.048	\$ 3.087	\$ 3.095	\$ 3.061	\$ 3.031

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

² 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 – PAGE 1 OF 2

FORECASTED COST OF GAS – STORAGE INVENTORY DETAILS

SaskEnergy Incorporated
Storage Inventory Details - Forecasted Cost of Gas
November 1, 2021 - October 31, 2022

		1	2	3	4	5	6	7	8	9	10	11	12
		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
Line	Gas in Storage - Volume												
1	Opening Balance (000's GJs)	17,763	15,870	11,629	6,718	3,007	1,193	1,932	4,559	7,327	10,856	14,392	17,071
2	Closing Balance (000's GJs)	15,870	11,629	6,718	3,007	1,193	1,932	4,559	7,327	10,856	14,392	17,071	17,763
3	(Injections)/ Withdrawals (000's GJs)	1,893	4,241	4,912	3,710	1,815	(740)	(2,626)	(2,769)	(3,529)	(3,536)	(2,679)	(692)
4	(Injection)/Withdrawal Price	\$3.32	\$3.32	\$3.32	\$3.32	\$3.32	\$3.21	\$3.21	\$3.21	\$3.21	\$3.21	\$3.21	\$3.21
5	Weighted Average Price of Gas in Storage	\$3.32	\$3.32	\$3.32	\$3.32	\$3.32	\$3.28	\$3.24	\$3.22	\$3.22	\$3.22	\$3.21	\$3.21
	Cost of Gas in Storage												
6	Opening Balance (\$000)	\$ 59,043	\$ 52,751	\$ 38,655	\$ 22,330	\$ 9,997	\$ 3,965	\$ 6,336	\$ 14,754	\$ 23,629	\$ 34,940	\$ 46,275	\$ 54,863
7	Closing Balance (\$000)	\$ 52,751	\$ 38,655	\$ 22,330	\$ 9,997	\$ 3,965	\$ 6,336	\$ 14,754	\$ 23,629	\$ 34,940	\$ 46,275	\$ 54,863	\$ 57,081
8	Net Change in Inventory (\$000)	\$ 6,292	\$ 14,096	\$ 16,326	\$ 12,333	\$ 6,032	\$ (2,371)	\$ (8,418)	\$ (8,875)	\$ (11,311)	\$ (11,335)	\$ (8,588)	\$ (2,218)

		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
Line	Storage Inventory Carrying Costs														
		<----- Previous Summer ----->													
9	Gas in Storage Closing Balance	\$9,309	\$8,254	\$15,174	\$22,724	\$34,687	\$45,834	\$55,895	\$59,043	\$52,751	\$38,655	\$22,330	\$9,997	\$3,965	
10	Average Daily Balance		\$8,782	\$11,714	\$18,949	\$28,705	\$40,260	\$50,864	\$57,469	\$55,897	\$45,703	\$30,493	\$16,163	\$6,981	
11	Interest Rate		0.11%	0.11%	0.12%	0.15%	0.17%	0.17%	0.17%	0.16%	0.16%	0.23%	0.23%	0.23%	
12	Calculated Monthly Interest Charge		\$1	\$1	\$2	\$4	\$6	\$7	\$8	\$7	\$6	\$6	\$3	\$1	
13	Total Annual Interest														\$52
14	Amortized Monthly Interest Charge														\$4

Tables might not add precisely due to rounding.

SCHEDULE 1.2 – PAGE 2 OF 2

FORECASTED COST OF GAS – STORAGE INVENTORY DETAILS

SaskEnergy Incorporated

Storage Inventory Details - Forecasted Cost of Gas

November 1, 2022 - October 31, 2023

	1	2	3	4	5	6	7	8	9	10	11	12
	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Line Gas in Storage - Volume												
1 Opening Balance (000's Gjs)	17,763	15,858	11,615	6,716	3,012	1,193	1,935	4,561	7,328	10,855	14,389	17,068
2 Closing Balance (000's Gjs)	15,858	11,615	6,716	3,012	1,193	1,935	4,561	7,328	10,855	14,389	17,068	17,763
3 (Injections)/ Withdrawals (000's Gjs)	1,905	4,243	4,899	3,704	1,819	(742)	(2,626)	(2,768)	(3,527)	(3,534)	(2,678)	(695)
4 (Injection)/Withdrawal Price	\$3.21	\$3.21	\$3.21	\$3.21	\$3.21	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
5 Weighted Average Price of Gas in Storage	\$3.21	\$3.21	\$3.21	\$3.21	\$3.21	\$3.13	\$3.05	\$3.03	\$3.02	\$3.01	\$3.01	\$3.01
Cost of Gas in Storage												
6 Opening Balance (\$000)	\$ 57,081	\$ 50,958	\$ 37,324	\$ 21,583	\$ 9,680	\$ 3,833	\$ 6,057	\$ 13,925	\$ 22,219	\$ 32,787	\$ 43,378	\$ 51,404
7 Closing Balance (\$000)	\$ 50,958	\$ 37,324	\$ 21,583	\$ 9,680	\$ 3,833	\$ 6,057	\$ 13,925	\$ 22,219	\$ 32,787	\$ 43,378	\$ 51,404	\$ 53,487
8 Net Change in Inventory (\$000)	\$ 6,123	\$ 13,634	\$ 15,742	\$ 11,903	\$ 5,847	\$ (2,224)	\$ (7,868)	\$ (8,294)	\$ (10,568)	\$ (10,591)	\$ (8,026)	\$ (2,083)

Line Storage Inventory Carrying Costs	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
	← Summer →													
9 Gas in Storage Closing Balance	\$3,965	\$6,336	\$14,754	\$23,629	\$34,940	\$46,275	\$54,863	\$57,081	\$50,958	\$37,324	\$21,583	\$9,680	\$3,833	
10 Average Daily Balance		\$5,150	\$10,545	\$19,191	\$29,284	\$40,607	\$50,569	\$55,972	\$54,020	\$44,141	\$29,454	\$15,631	\$6,757	
11 Interest Rate		0.26%	0.26%	0.26%	0.36%	0.36%	0.36%	0.53%	0.53%	0.53%	0.78%	0.78%	0.78%	
12 Calculated Monthly Interest Charge		\$1	\$2	\$4	\$9	\$12	\$15	\$25	\$24	\$20	\$20	\$9	\$4	
13 Total Annual Interest														\$146
14 Amortized Monthly Interest Charge														\$12

Tables might not add precisely due to rounding.

SCHEDULE 2.0 GAS COST VARIANCE ACCOUNT

SaskEnergy Incorporated Gas Cost Variance Account (\$000's) November 1, 2020 - October 31, 2021

Line	Description	1 Nov-20	2 Dec-20	3 Jan-21	4 Feb-21	5 Mar-21	6 Apr-21	7 May-21	8 Jun-21	9 Jul-21	10 Aug-21	11 Sep-21 Forecast	12 Oct-21 Forecast	13 TOTAL
1	GCVA Balance Forward at October 31, 2020	(\$5,609)												(\$5,609)
2	Opening Cumulative GCVA Balance - Under/(Over) Recovery	(\$5,609)	(\$3,541)	(\$1,270)	\$848	\$3,883	\$5,684	\$8,149	\$9,706	\$11,173	\$12,058	\$13,147	\$14,821	
3	Purchases - Alberta	\$14,079	\$9,950	\$8,292	\$13,440	\$7,123	\$7,300	\$9,693	\$9,470	\$10,427	\$9,580	\$10,585	\$11,225	\$121,162
4	Purchases - Saskatchewan	\$3,629	\$2,375	\$2,168	\$2,305	\$2,454	\$1,687	\$2,018	\$1,747	\$2,184	\$2,424	\$3,224	\$3,503	\$29,717
5	Less Purchase of Other Gas Sales	(\$528)	(\$3)	(\$11)	(\$2)	(\$7)	(\$0)	(\$11)	\$0	\$0	(\$2)	\$0	\$0	(\$563)
6	Price Risk Management (Inflows)/Outflows	(\$1,182)	(\$776)	(\$1,037)	(\$2,739)	(\$999)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6,733)
7	Transportation	\$2,321	\$2,327	\$2,328	\$2,248	\$2,248	\$2,334	\$2,353	\$2,351	\$2,353	\$2,688	\$2,307	\$2,384	\$28,242
8	Cost of Purchase Gas	\$18,318	\$13,873	\$11,741	\$15,252	\$10,818	\$11,320	\$14,052	\$13,568	\$14,964	\$14,690	\$16,116	\$17,112	\$171,825
9	Storage Withdrawal (Injection)	\$708	\$8,792	\$12,032	\$12,997	\$5,456	\$1,056	(\$6,920)	(\$7,550)	(\$11,963)	(\$11,147)	(\$10,061)	(\$3,148)	(\$9,750)
10	Gas in Storage Interest Expense	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$44
11	Gas Supply Operating Maintenance & Admin Expenses	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$110	\$1,315
12	Gas Supply Related Bad Debt Expense	\$59	\$71	\$76	\$88	\$50	\$34	\$19	\$16	\$8	\$9	\$15	\$35	\$480
13	Less Gas Supply Related Late Payment Charges	(\$50)	(\$101)	(\$86)	(\$105)	(\$144)	(\$94)	(\$89)	(\$74)	(\$39)	(\$37)	(\$43)	(\$31)	(\$894)
14	Less Cost of Internal Usage	(\$83)	(\$104)	(\$134)	(\$134)	(\$169)	(\$164)	(\$91)	(\$70)	(\$19)	(\$39)	(\$112)	(\$123)	(\$1,242)
15	Cost of Gas Sold	\$19,065	\$22,643	\$23,742	\$28,211	\$16,125	\$12,265	\$7,085	\$6,004	\$3,063	\$3,588	\$6,029	\$13,957	\$161,779
16	Commodity Sales Revenue (\$2.575/GJ)	\$16,983	\$20,373	\$21,624	\$25,176	\$14,325	\$9,801	\$5,528	\$4,538	\$2,179	\$2,501	\$4,357	\$9,872	\$137,257
17	Gain (loss) on other gas sales	14	(0)	0	(0)	(0)	0	1	0	0	0	0	0	\$15
18	Period GCVA Balance	\$2,068	\$2,271	\$2,118	\$3,035	\$1,800	\$2,465	\$1,556	\$1,466	\$884	\$1,087	\$1,672	\$4,085	\$24,506
19	Period GCVA Interest	(\$0)	(\$0)	(\$0)	\$0	\$1	\$1	\$1	\$1	\$1	\$2	\$2	\$2	\$10
20	Closing Cumulative GCVA Balance (Line 2+18+19)	(\$3,541)	(\$1,270)	\$848	\$3,883	\$5,684	\$8,149	\$9,706	\$11,173	\$12,058	\$13,147	\$14,821	\$18,908	\$18,908

Volume (Gigajoules - 000s)														
Line	Description	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21 Forecast	Oct-21 Forecast	TOTAL
21	Customer Sales	6,711	8,137	8,579	9,962	5,692	3,894	2,189	1,777	840	998	1,692	3,834	54,372
22	Purchases (less Fuel Gas & Line Loss)	6,477	4,897	4,142	5,164	3,718	3,553	4,368	4,053	4,216	4,182	4,587	4,740	54,096
23	Cost of Purchase Gas (\$/GJ)	\$2,828	\$2,833	\$2,835	\$2,954	\$2,910	\$3,186	\$3,217	\$3,348	\$3,549	\$3,513	\$3,513	\$3,610	
24	Storage Withdrawal (Injection)	264	3,278	4,486	4,845	2,034	394	(2,580)	(2,815)	(4,460)	(4,156)	(3,751)	(1,174)	(3,635)
25	Storage Withdrawal (Injection) Rate (\$/GJ)	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	\$2,682	
26	Internal Usage	(29)	(37)	(48)	(47)	(60)	(52)	401	539	1,084	972	856	268	3,846

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

SCHEDULE 2.1

GAS COST VARIANCE ACCOUNT – STORAGE INVENTORY DETAILS

SaskEnergy Incorporated
Storage Inventory Details - Gas Cost Variance Account
November 1, 2020 to October 31, 2021

	1	2	3	4	5	6	7	8	9	10	11	12
	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21 Forecast	Oct-21 Forecast
Line Gas in Storage - Volume												
1 Opening Balance (000's GJs)	18,378	18,114	14,836	10,350	5,505	3,471	3,077	5,228	7,484	10,854	14,027	16,891
2 Closing Balance (000's GJs)	18,114	14,836	10,350	5,505	3,471	3,077	5,228	7,484	10,854	14,027	16,891	17,763
3 (Injections)/ Withdrawals (000's GJs)	264	3,278	4,486	4,845	2,034	394	(2,151)	(2,255)	(3,370)	(3,173)	(2,863)	(872)
4 (Injection)/Withdrawal Price	\$2.68	\$2.68	\$2.68	\$2.68	\$2.68	\$3.19	\$3.22	\$3.35	\$3.55	\$3.51	\$3.51	\$3.61
5 Weighted Average Price of Gas in Storage	\$2.68	\$2.68	\$2.68	\$2.68	\$2.68	\$2.68	\$2.90	\$3.04	\$3.20	\$3.27	\$3.31	\$3.32
Cost of Gas in Storage												
6 Opening Balance (\$000)	\$ 49,293	\$ 48,586	\$ 39,794	\$ 27,762	\$ 14,765	\$ 9,309	\$ 8,254	\$ 15,174	\$ 22,724	\$ 34,687	\$ 45,834	\$ 55,895
7 Closing Balance (\$000)	\$ 48,586	\$ 39,794	\$ 27,762	\$ 14,765	\$ 9,309	\$ 8,254	\$ 15,174	\$ 22,724	\$ 34,687	\$ 45,834	\$ 55,895	\$ 59,043
8 Net Change in Inventory (\$000)	\$ 708	\$ 8,792	\$ 12,032	\$ 12,997	\$ 5,456	\$ 1,056	\$ (6,920)	\$ (7,550)	\$ (11,963)	\$ (11,147)	\$ (10,061)	\$ (3,148)

Line	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	TOTAL
Storage Inventory Carrying Costs														
	<----- Previous Summer ----->													
9 Gas in Storage Closing Balance	\$12,456	\$11,583	\$16,995	\$17,559	\$26,287	\$37,531	\$46,772	\$49,293	\$48,586	\$39,794	\$27,762	\$14,765	\$9,309	
10 Average Daily Balance		\$12,020	\$14,289	\$17,277	\$21,923	\$31,909	\$42,152	\$48,033	\$48,939	\$44,190	\$33,778	\$21,264	\$12,037	
11 Interest Rate		0.70%	0.25%	0.17%	0.19%	0.18%	0.15%	0.12%	0.09%	0.13%	0.08%	0.06%	0.15%	
12 Calculated Monthly Interest Charge		\$7	\$3	\$2	\$4	\$5	\$5	\$5	\$4	\$5	\$2	\$1	\$1	
13 Total Annual Interest														\$44
14 Amortized Monthly Interest Charge														\$4

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

SCHEDULE 3.0 DETERMINATION OF COMMODITY RATE

SaskEnergy Incorporated

Determination of Commodity Rate for November 1, 2021 to October 31, 2023

Line	Description	Amount	Ref.
1	Estimated Balance of GCVA at October 31, 2021 (000's)	\$18,908,170	Schedule 2.0, Col. 12, Line 20
2	November 2021 to October 2023 Gas Cost Forecast (000's)	\$ 326,935,362	Schedule 1.0: (P1, Col. 13, Line 12) + (P2, Col. 13, Line 12)
3	Total Forecast Costs to Recover (000's)	\$ 345,843,531	Line 1 plus Line 2
4	November 2021 to October 2023 Forecast Sales (GJs - 000's)	107,980,597	Schedule 1.0: (P1, Col. 13, Line 13) + (P2, Col. 13, Line 13)
5	November 2021 to October 2023 Monthly Weighted Cost per Unit of Sales	\$3.203	Line 3 divided by Line 4
6	Indicative Two Year Commodity Rate	\$3.20	
7	Customer Commodity Rate Equivalent (Heating Value = 39.90 MJ/m ³)	12.78	cents per cubic metre

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. The methodology is designed to target a zero GCVA balance at the end of the two year period (November 2021 - October 2023).

