

**EXECUTIVE SUMMARY**

This information package was developed to assist all parties participating in the monthly Gas Cost Flow Through Rate (GCFR) process for Direct Energy Regulated Services Deferred Gas Account (DGA).

This document contains information used to derive a Rider F of \$3.028/GJ for Direct Energy Regulated Services (DERS) gas customers for July 2021.

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As Applicable

**SCHEDULE M-1  
MONTHLY DGA COSTS AND RECOVERIES**

Line	Description	Units	A	B	C	D	E
			Previous Period Adjustment	Actual Apr-21	Estimate May-21	Estimate Jun-21	Forecast Jul-21
1	Opening Cumulative DGA Balance	\$,000	(2,670)	(2,808)	(3,429)	(750)	390
<b><u>Gas Supply Costs</u></b>							
2	Purchases	\$,000	0	18,692	10,775	5,812	6,182
3	Daily Trade Averaging Adjustment	\$,000	0	0	0	0	0
4	Financial Gas Settlement*	\$,000	0	(1,045)	(61)	0	0
5	<b>Total Gas Supply Costs</b>	<b>\$,000</b>	<b>0</b>	<b>17,647</b>	<b>10,714</b>	<b>5,812</b>	<b>6,182</b>
<b><u>Adjustments</u></b>							
6	Adjustments For Interim Rates	\$,000	0	0	0	0	0
7	Procurement**	\$,000	0	36	36	36	34
8	<b>Net Gas Costs</b>	<b>\$,000</b>	<b>0</b>	<b>17,683</b>	<b>10,750</b>	<b>5,848</b>	<b>6,216</b>
<b><u>Recoveries</u></b>							
9	Net Calendar Sales***	\$,000	(138)	16,365	13,041	6,770	5,826
10	Excess System Sales	\$,000	0	697	388	217	0
11	<b>Total Recoveries</b>	<b>\$,000</b>	<b>(138)</b>	<b>17,062</b>	<b>13,429</b>	<b>6,988</b>	<b>5,826</b>
12	Current DGA Balance	\$,000	(138)	(621)	2,679	1,140	(390)
13	<b>Closing Cumulative DGA Balance</b>	<b>\$,000</b>	<b>(2,808)</b>	<b>(3,429)</b>	<b>(750)</b>	<b>390</b>	<b>(0)</b>

\* Decision 26013-D01-2021

\*\* Decision 25727-D01-2020 approved the amount of \$36,117 up until June 30, 2021; Decision 26207-D01-2021 approved the amount of \$33,995 effective July 1, 2021

\*\*\* Net Calendar Sales excludes return margin amounts.

**SCHEDULE M-2  
MONTHLY DGA ENERGY BALANCE**

Line	Description	Units	A	B	C	D
			Actual Apr-21	Estimate May-21	Estimate Jun-21	Forecast Jul-21
<b><u>Gas Supply Costs</u></b>						
1	Purchases	TJ	7,270	3,822	1,983	1,998
2	Imbalances	TJ	0	0	0	0
3	<b>Total Energy</b>	<b>TJ</b>	<b>7,270</b>	<b>3,822</b>	<b>1,983</b>	<b>1,998</b>
<b><u>Recoveries</u></b>						
4	Net Calendar Sales	TJ	6,455	4,044	2,062	1,976
5	Excess System Sales	TJ	273	134	74	0
6	<b>Total Recoveries</b>	<b>TJ</b>	<b>6,729</b>	<b>4,178</b>	<b>2,135</b>	<b>1,976</b>
7	<b>Load Balancing / UFG Estimate</b>	<b>TJ</b>	<b>(542)</b>	<b>356</b>	<b>153</b>	<b>(22)</b>

**SPECIAL NOTES:**

Schedule M-3 shows the financial gas settlement by ATCO Gas.

**SCHEDULE M-3**  
**FINANCIAL GAS SETTLEMENT**

Line	Description	Units	Feb-21	Mar-21	Apr-21	May-21
<b><u>Financial Gas Settlement*</u></b>						
1	ATCO Gas Settlement					
2	S1 - B1	\$,000	0	0	980	61
3	S2 - S1		0	0	66	
4	S3 - S2		0			
5	<b>Total Financial Gas Settlement</b>	<b>\$,000</b>	<b>0</b>	<b>0</b>	<b>1,045</b>	<b>61</b>

**SPECIAL NOTES:**

\* Decision 26013-D01-2021, where a positive value represents recovery from ATCO Gas

**SECTION 2**  
**RECONCILIATION MONTH SCHEDULES**

Schedule R-1 shows the forecast and actual DGA cost and recovery components for April 2021 as of March 25, 2021 and June 24, 2021 respectively. Schedule R-2 shows the forecast and actual DGA energy balance for April 2021 as of March 25, 2021 and June 24, 2021. It also shows the normal and actual degree days for April 2021.

**SCHEDULE R-1**  
**FORECAST & ACTUAL DGA COSTS AND RECOVERIES**  
**April 2021**

Line	Description	Units	Forecast March 25, 2021	Actual June 24, 2021	Actual Less Forecast
<b><u>Gas Supply Costs</u></b>					
1	Purchases	\$,000	19,402	18,692	(710)
2	Daily Trade Averaging Adjustment	\$,000	0	0	0
3	Imbalances	\$,000	0	0	0
4	<b>Total Gas Supply Costs</b>	<b>\$,000</b>	<b>19,402</b>	<b>18,692</b>	<b>(710)</b>
<b><u>Adjustments</u></b>					
5	Adjustments For Interim Rates	\$,000	0	0	0
6	Procurement	\$,000	36	36	0
7	Bad Debts	\$,000	0	0	0
8	Working Capital	\$,000	0	0	0
9	Credit Charge	\$,000	0	0	0
10	<b>Net Gas Costs</b>	<b>\$,000</b>	<b>19,438</b>	<b>18,728</b>	<b>(710)</b>
<b><u>Recoveries</u></b>					
11	Net Calendar Sales*	\$,000	19,453	16,365	(3,089)
12	Excess System Sales	\$,000	0	697	697
13	Penalty Revenue	\$,000	0	0	0
14	<b>Total Recoveries</b>	<b>\$,000</b>	<b>19,453</b>	<b>17,062</b>	<b>(2,391)</b>

\* Net Calendar Sales excludes return margin amounts.

**SCHEDULE R-2**  
**DGA ENERGY BALANCE & DEGREE DAYS**  
**April 2021**

Line	Description	Units	Forecast March 25, 2021	Actual June 24, 2021	Actual Less Forecast
<b><u>Gas Supply Costs</u></b>					
1	Purchases	TJ	7,758	7,270	(488)
2	Imbalances	TJ	0	0	0
3	<b>Total Energy</b>	<b>TJ</b>	<b>7,758</b>	<b>7,270</b>	<b>(488)</b>
<b><u>Recoveries</u></b>					
4	Calendar Sales	TJ	7,673	6,455	(1,217)
5	Excess System Sales	TJ	0	273	273
6	<b>Total Recoveries</b>	<b>TJ</b>	<b>7,673</b>	<b>6,729</b>	<b>(944)</b>
7	<b>DGA UFG</b>	<b>TJ</b>	<b>(85)</b>	<b>(542)</b>	<b>(456)</b>
8	Degree Days	DD	653	601	(52)

**SECTION 2**  
**RECONCILIATION MONTH SCHEDULES**

Schedule R-3 shows the actual gas purchases for DGA NOVA Field Receipts and DGA Nova Inventory Transfer supplies for April 2021 as of June 24, 2021.

**SCHEDULE R-3**  
**ACTUAL GAS PURCHASES**  
**April 2021**  
**Actual - As of June 24, 2021**

Line	Description	TJ	\$/GJ	\$,000
1	Nova Inventory Transfer Supplies (Monthly)	5,100	2.540	12,953
2	Nova Inventory Transfer Supplies (Daily Index)	2,170	2.645	5,739
<b>3</b>	<b>Total Gas Purchases</b>	<b>7,270</b>	<b>2.571</b>	<b>18,692</b>

Schedule R-4 shows the forecast and actual unit gas prices for April 2021 as of March 25, 2021 and June 24, 2021 respectively.

**SCHEDULE R-4**  
**FORECAST AND ACTUAL UNIT GAS PRICES**  
**April 2021**

Line	Description	Units	Forecast March 25, 2021	Actual June 24, 2021	Actual Less Forecast
1	AECO Monthly Index	\$/GJ	2.5542	2.5403	(0.0139)
2	AECO Daily Index	\$/GJ	2.4378	2.6540	0.2162

**Notes:**

1. The forecast unit price in Line 1 is the weighted average price of the transactions made up to and including March 24, 2021 on the AECO/NGX Intra-Alberta April (Near Month) instrument as reported by NGX.
2. The actual unit price in Line 1 was the weighted average price of the transactions made up to and including March 31, 2021 on the AECO/NGX Intra-Alberta April (Near Month) instrument as reported by NGX.
3. The forecast unit price in Line 2 is the arithmetic average of the April, AECO/NGX Intra-Alberta Settlement prices on March 18, 19, 22, 23 & 24, 2021.
4. The actual unit price in Line 2 is the total weighted average price of the daily, weighted average prices each day in April 2021 as reported by NGX and includes all weekend deals.

**SECTION 2**  
**RECONCILIATION MONTH SCHEDULES**

The R5-R8 schedules show the actual day gas sales and purchases for the reconciliation month as at the filing date. Short term transaction totals in schedules R5 are shown only if all four of these criteria are satisfied:

1. Transactions are done for the same time frame (e.g. same day or yesterday).
2. Transactions are done for the same point (i.e. NIT).
3. Transactions are done using the same pricing regime (i.e. fixed vs. index based).
4. Both regulated and deregulated deals are transacting in the same direction (i.e. both selling or both buying).

**Schedule R5 - Actual Spot Gas Transactions by Trade Day**  
**April 2021**

**Direct Energy Regulated Services**  
**Nova Inventory Transfer Supplies**

Day	Yesterday (YD)			AECO YD Daily Avg (\$/GJ)	Same Day (SD)					AECO Daily Index (\$/GJ)
	GJs	Avg Cost (\$/GJ)	Total Cost (\$)		Fixed (GJs)	Avg Cost (\$/GJ)	Index Related (GJs)	Avg Cost (\$/GJ)	Total Cost (\$)	
1	(6,200)	2.5561	(15,848.00)	2.5532	(5,000)	2.6000	60,000	2.5511	140,065.00	2.5732
2	0	0.0000	0.00	2.5950	(5,000)	2.6100	90,000	2.5690	218,161.00	2.6207
3	(14,200)	1.0430	(14,810.00)	0.0906	0	0.0000	70,000	2.5542	178,797.00	2.5511
4	9,700	2.4133	23,409.00	2.4024	(4,400)	2.4600	85,000	2.5363	204,763.50	2.4527
5	2,400	2.3900	5,736.00	2.3976	0	0.0000	50,000	2.3969	119,845.00	2.3969
6	0	0.0000	0.00	2.4018	0	0.0000	30,000	2.4082	72,246.00	2.4082
7	10,800	2.3699	25,595.00	2.3826	0	0.0000	20,000	2.4276	48,552.00	2.4276
8	15,600	2.5311	39,485.00	2.5311	0	0.0000	100,000	2.4532	245,320.00	2.4529
9	22,500	2.5722	57,875.00	2.5745	0	0.0000	55,000	2.5124	138,182.00	2.5185
10	18,600	2.6443	49,184.00	2.6476	0	0.0000	123,000	2.5380	312,169.20	2.5779
11	11,500	2.8046	32,252.50	2.7812	45,000	2.6613	95,000	2.5443	361,468.00	2.6639
12	0	0.0000	0.00	2.6799	0	0.0000	150,000	2.6575	398,630.00	2.6562
13	(1,700)	2.7000	(4,590.00)	2.6794	0	0.0000	105,000	2.6795	281,344.00	2.6773
14	(6,100)	2.6439	(16,127.50)	2.6460	0	0.0000	40,000	2.6655	106,618.00	2.6637
15	4,700	2.6181	12,305.00	2.6287	0	0.0000	0	0.0000	0.00	2.6434
16	3,500	2.5936	9,077.50	2.6017	(15,000)	2.6767	(10,000)	2.6578	(66,728.00)	2.6578
17	3,900	2.6637	10,388.50	2.6801	(10,000)	2.6300	0	0.0000	(26,300.00)	2.6132
18	0	0.0000	0.00	2.7166	34,400	2.7306	70,000	2.7346	285,353.50	2.7314
19	0	0.0000	0.00	2.7389	9,200	2.7468	90,800	2.7477	274,764.80	2.7460
20	5,300	2.7381	14,511.75	2.7381	5,000	2.7600	25,000	2.7546	82,665.00	2.7535
21	6,300	2.7271	17,181.00	2.7565	0	0.0000	0	0.0000	0.00	2.7340
22	(3,400)	2.7691	(9,415.00)	2.7732	35,000	2.7936	120,000	2.8076	434,687.00	2.8036
23	12,500	2.7260	34,075.00	2.7279	0	0.0000	105,000	2.7697	290,822.50	2.7663
24	1,100	2.6900	2,959.00	2.6549	0	0.0000	95,000	2.7570	261,917.00	2.7166
25	0	0.0000	0.00	2.7079	0	0.0000	85,000	2.7586	234,484.50	2.6980
26	3,000	2.8125	8,437.50	2.8201	0	0.0000	30,000	2.7352	82,056.00	2.7337
27	22,700	2.9294	66,496.50	2.9208	5,000	2.8350	55,000	2.8488	170,860.00	2.8460
28	12,300	2.7826	34,226.00	2.7810	5,000	2.8800	10,000	2.8752	43,152.00	2.8727
29	(4,400)	2.7545	(12,120.00)	2.7564	0	0.0000	(25,000)	2.7717	(69,292.50)	2.7707
30	6,400	2.7538	17,624.00	2.7586	0	0.0000	(62,700)	2.7604	(173,077.08)	2.7572
31	0	0.0000	0.00	0.0000	0	0.0000	0	0.0000	0.00	0.0000
TOTAL	136,800		387,907.75		99,200		1,661,100		4,651,525.42	

**Schedule R6 - Actual Spot Gas Purchases by Delivery Day**  
**April 2021**  
**PEAKING Demand Supply Contracts**  
Nova Inventory Transfer Supplies

Day	Same Day (SD)			AECO Daily Index (\$/GJ)
	Index Related (GJs)	Avg Cost (\$/GJ)	Total Cost (\$)	
1	0	0.0000	0	2.5732
2	0	0.0000	0	2.6207
3	0	0.0000	0	2.5511
4	0	0.0000	0	2.4527
5	0	0.0000	0	2.3969
6	0	0.0000	0	2.4082
7	0	0.0000	0	2.4276
8	0	0.0000	0	2.4529
9	0	0.0000	0	2.5185
10	0	0.0000	0	2.5779
11	0	0.0000	0	2.6639
12	0	0.0000	0	2.6562
13	0	0.0000	0	2.6773
14	0	0.0000	0	2.6637
15	0	0.0000	0	2.6434
16	0	0.0000	0	2.6578
17	0	0.0000	0	2.6132
18	0	0.0000	0	2.7314
19	0	0.0000	0	2.7460
20	0	0.0000	0	2.7535
21	0	0.0000	0	2.7340
22	0	0.0000	0	2.8036
23	0	0.0000	0	2.7663
24	0	0.0000	0	2.7166
25	0	0.0000	0	2.6980
26	0	0.0000	0	2.7337
27	0	0.0000	0	2.8460
28	0	0.0000	0	2.8727
29	0	0.0000	0	2.7707
30	0	0.0000	0	2.7572
31	0	0.0000	0	0.0000
TOTAL	0		0	



SECTION 2  
RECONCILIATION MONTH SCHEDULES

**Schedule R7- Monthly Index Purchases**  
**April 2021**  
**Direct Energy Regulated Services**  
Nova Inventory Transfer Supplies

<u>Trade</u>	<u>From</u>	<u>To</u>	<u>Volume (GJ)</u>	<u>Price</u>	<u>Total Cost (\$)</u>
10480999	11/1/2020	11/1/2021	300,000	2.548	764,340
10585454	11/1/2020	11/1/2021	300,000	2.546	763,890
10597767	11/1/2020	5/1/2021	300,000	2.515	754,590
10584296	11/1/2020	5/1/2021	300,000	2.510	753,090
10597768	11/1/2020	5/1/2021	300,000	2.520	756,090
11282009	4/1/2021	11/1/2021	300,000	2.543	762,840
11343258	4/1/2021	11/1/2021	300,000	2.548	764,490
11472213	4/1/2021	5/1/2021	300,000	2.540	762,090
11469889	4/1/2021	5/1/2021	300,000	2.540	762,090
11471191	4/1/2021	5/1/2021	300,000	2.540	762,090
11278363	4/1/2021	5/1/2021	600,000	2.545	1,527,180
11326681	4/1/2021	5/1/2021	300,000	2.548	764,340
11326682	4/1/2021	5/1/2021	300,000	2.548	764,340
11288923	4/1/2021	5/1/2021	600,000	2.545	1,527,180
11282786	4/1/2021	5/1/2021	300,000	2.548	764,340
<b>Total Term and Monthly Index Purchases</b>			<b>5,100,000</b>	<b>2.540</b>	<b>12,952,980</b>

**SECTION 3**  
**FORECAST MONTH SCHEDULES**

This section provides details of the Deferred Gas Account (DGA) components for July 2021.

Schedule M-1 in Section 1 shows the forecast costs for the various gas supply categories, gas cost adjustments and the forecast dollars for the various recovery components for July 2021.

Schedule M-2 in Section 1 shows the forecast energy balance of the DGA for July 2021.

Schedule F-1 shows the forecast of gas purchases for July 2021 by pricing mechanism. As shown in Schedule F-1, most of the gas purchases have AECO Monthly or Daily Index pricing mechanism.

Most of the Other purchase category is also influenced by AECO index pricing mechanism.

**SCHEDULE F-1**  
**FORECAST GAS PURCHASES**  
**July 2021**

<b>Line</b>	<b>Description</b>	<b>Unit</b>	<b>Forecast June 24, 2021</b>
1	AECO Monthly Index	TJ	1,550
2	AECO Daily Index	TJ	448
3	Other	TJ	22
<b>4</b>	<b>Total</b>	<b>TJ</b>	<b>2,020</b>

Schedule F-2 shows the forecast of the unit gas prices for July 2021.

**SCHEDULE F-2**  
**FORECAST UNIT GAS PRICES**  
**July 2021**

<b>Line</b>	<b>Description</b>	<b>Unit</b>	<b>Forecast June 24, 2021</b>
1	AECO Monthly Index	\$/GJ	3.0880
2	AECO Daily Index	\$/GJ	3.1169

**Notes:**

1. The forecast unit price in Line 1 is the weighted average price of the transactions made up to and including June 23, 2021 on the AECO/NGX Intra-Alberta July (Near Month) instrument as reported by NGX.
2. The forecast unit price in Line 2 is the arithmetic average of the July, AECO/NGX Intra-Alberta Settlement prices on June 17, 18, 21, 22 & 23, 2021.

In order to zero the forecast balance of the DGA on July 31, 2021, a Rider F of \$3.028/GJ should be implemented on July 01, 2021. Schedule F-3 shows how this rate is calculated.

**SCHEDULE F-3**  
**RIDER F RATE DERIVATION**

<b>Line</b>	<b>Description</b>	<b>Unit</b>	<b>Reference</b>	<b>Value</b>
1	Opening Cumulative DGA Balance	\$,000	Schedule M-1, Line 1, Column E	390
2	Net Gas Cost Estimate	\$,000	Schedule M-1, Line 8, Column E	6,216
3	Net Monthly Gas Cost Recovery	\$,000	Schedule M-1, Line 11, Column E	5,826
4	Forecast Monthly Sales	TJ	Schedule M-2, Line 4, Column D	1,976
5	GCFR	\$/GJ	Line 3 divided by Line 4	2.949
6	Approved Energy Related Charges	\$/GJ	Decision 26207-D01-2021	0.027
7	Approved Return Margin	\$/GJ	Decision 26207-D01-2021	0.052
8	Rider F	\$/GJ	Line 5 + Line 6 + Line 7	<b>3.028</b>