



December 29, 2021

Jane Steinhauer
Director Energy Division
Indiana Utility Regulatory Commission
PNC Center
101 W. Washington Street - Suite 1500 East
Indianapolis, IN 46204

In RE: CEI North Cause No. 37394-GCA152 – January 2022 Monthly Flex Filing

Dear Ms. Steinhauer:

Indiana Gas Company, Inc. d/b/a CenterPoint Energy Indiana North ("CEI North") hereby submits for filing an electronic copy of the following tariff sheet that will become effective January 1, 2022.

Sheet No. 30, Second Revised Page 1 of 1

This tariff sheet is being filed in accordance with the Commission's Order approved on November 24, 2021, in Cause No. 37394-GCA152. The Order in GCA152 approved CEI North's proposal to reflect changes in the market price of gas via a pricing and monthly flex adjustment to its estimated GCA. The methodology approved in the Order is consistent with Exhibit 2 to the Settlement Agreement in Cause No. 42890 that was approved by the Commission on October 5, 2005.

CEI North's most recent estimates indicate that its actual gas costs will be below the projections used to develop the January 2022 estimated GCAs. Therefore, this tariff sheet revises the GCAs for the month of January 2022 from those presented in CEI North's revised GCA 152 filing. The supporting GCA Schedules reflecting the revised January 2022 gas costs are attached for your review.

Please return a copy of the approved tariff sheet to me.

Sincerely,

Stephanie L. Willis

Senior Analyst, Regulatory and Rates

Enclosure

cc:

Attn: Dezara Atherton
Indiana Office of Utility Consumer Counselor
PNC Center
115 W. Washington St. Ste 1500 South
Indianapolis, IN 46204

Indiana Gas Company, Inc. D/B/A
CenterPoint Energy Indiana North (CEI North)
Tariff for Gas Service
I.U.R.C. No. G-20

Sheet No. 30
Second Revised Page 1 of 1
Cancels First Revised Page 1 of 1

APPENDIX A

GAS COST ADJUSTMENT

APPLICABILITY

The Gas Cost Adjustment (GCA), as updated from time-to-time, shall be applicable to the Gas Cost Charges included in Rate Schedules contained in this Tariff for Gas Service, as set forth below.

DESCRIPTION

The GCA shall recover the following costs, as reviewed and approved by the Commission:

1. Demand, commodity and other costs of gas supply purchased from pipelines and other suppliers.
2. Demand, commodity and other costs of pipeline transportation service.
3. Demand, commodity and other costs of leased gas storage and related transportation costs.
4. The net cost of gas injected into and withdrawn from storage.
5. The various costs of propane supply.
6. Pipeline Take-or-Pay Charges and Transition Costs, and any like charges.
7. Applicable taxes, including Indiana Utility Receipts Tax.
8. All other costs approved for Gas Cost Adjustment recovery by the Commission.

GCA CHARGES – Dollars per Therm

<u>Rate</u> <u>Schedule</u>	<u>Service</u>	<u>Actual</u> <u>(\$ per Therm)</u> <u>Eff. Dec. 1, 2021</u>	<u>Actual</u> <u>(\$ per Therm)</u> <u>Eff. Jan. 1, 2022</u>	<u>Estimated</u> <u>(\$ per Therm)</u> <u>Eff. Feb. 1, 2022</u>
210	Sales	\$0.6316	\$0.6112	\$0.6397
211 (1)	Sales	\$0.6316	\$0.6112	\$0.6397
220	Sales	\$0.6316	\$0.6112	\$0.6397
225	Transportation	\$0.0007	\$0.0010	\$0.0012
229	Sales	\$0.6316	\$0.6112	\$0.6397
240	Sales	\$0.5961	\$0.5757	\$0.6042
245	Transportation	\$0.0007	\$0.0010	\$0.0012
260	Transportation	\$0.0007	\$0.0010	\$0.0012
270	Transportation	\$0.0007	\$0.0010	\$0.0012

(1) The GCA for Rate 211 is stated in \$ per gas lighting fixture.

Effective: January 1, 2022

Cause No. 37394-GCA152

CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA)
WITH DEMAND COSTS ALLOCATED
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022

Line No.	ESTIMATED COST OF GAS TO BE RECOVERED	Commodity and Other				Total (E)
		Demand [1] (A)	December-21 (B)	January-22 (C)	February-22 (D)	
1	Purchased Gas Costs (Schedule 3)	\$21,000,893	\$40,722,702	\$43,111,189	\$36,042,367	\$140,877,151
2	Contract Storage & Transportation Costs (Schedule 4)	\$0	\$0	\$0	\$0	\$0
3	Cost of Gas (Inj.)/With. From Storage (Schedule 5)	\$0	\$9,663,491	\$14,766,018	\$10,999,156	\$35,428,665
4	Total Estimated Gas Costs	\$21,000,893	\$50,386,193	\$57,877,207	\$47,041,523	\$176,305,816
5	Estimated Cost of Unaccounted For Gas [2]	N/A	\$50,386	\$57,877	\$47,042	\$155,305
6	Net Cost Of Gas To Be Recovered	\$21,000,893	\$50,386,193	\$57,877,207	\$47,041,523	\$176,305,816

COMMODITY COSTS TO BE RECOVERED

7	Commodity Variance - (Schedule 12C, Line 13 TOTAL)		\$14,379,645	\$16,305,487	\$13,596,997	\$44,282,130
8	1/4 of Excess of NOI Above Authorized NOI		\$0	\$0	\$0	\$0
9	Commodity Variance per Dth of Sales ((Line 7 + Line 8)/Schedule 2A Sales)		\$1.239	\$1.182	\$1.268	
10	Commodity Dollars to be Refunded (Schedule 12A, Line 12)		(\$8,268)	(\$9,827)	(\$7,634)	(\$25,729)
11	Commodity Refund Per Dth (Line 10/Schedule 2A Sales)		(\$0.001)	(\$0.001)	(\$0.001)	
12	Commodity Gas Costs (Line 6)		\$50,386,193	\$57,877,207	\$47,041,523	\$155,304,923
13	Monthly Commodity Gas Costs Per Dth (Line 12/Schedule 2A Sales)		\$4.340	\$4.194	\$4.388	
14	Cost of Transportation Customer Company Use Volumes (Sch 1, Line 52)		\$49,479	\$71,577	\$76,870	\$197,926
15	Commodity Gas Costs less Cost of Transp. Cust. Co. Use Volumes (Line 12 - Line 14)		\$50,336,714	\$57,805,630	\$46,964,653	\$155,106,997
16	Adjusted Monthly Commodity Gas Costs Per Dth (Line 15/Schedule 2A Sales)		\$4.336	\$4.189	\$4.381	
17	Total Commodity Cost Per Dth of Sales (Lines 9 + 11 + 16)		\$5.574	\$5.370	\$5.648	

[1] The Demand portion of Purchased Gas Costs and Contract Storage & Transportation Costs were determined by multiplying the quarterly sales quantities for each rate class by the per Dth costs listed on Schedule 1A.

[2] For informational purposes only (Line 4 * 0.1%).

Cause No. 37394-GCA152

**CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA)**

Line No.	DEMAND RELATED COSTS TO BE RECOVERED	(A) Total	(B) Rate 210/220/229	(C) Rate 240
18	Demand Cost Variance (Schedule 12B, Line 12)	\$846,315		
19	Demand Variance Per Dth (Line 18 / Schedule 2A Sales)	\$0.023		
20	TOTAL Current Demand Costs Per Dth (Schedule 1A, Line 3)		\$0.582	\$0.233
21	TOTAL Demand Costs Recovered Per Dth of Sales (Line 19 + Line 20)		\$0.605	\$0.256
BAD DEBT GAS COSTS TO BE RECOVERED		December-21	January-22	February-22
22	Total Commodity and Demand Costs	\$57,084,582	\$65,824,223	\$53,199,085
23	Bad Debt Gas Costs (Line 22 * 0.9%)	\$513,761	\$592,418	\$478,792
24	Bad Debt Cost Component per Dth (Line 23/Sch. 2 Sales)	\$0.044	\$0.043	\$0.045
GCA DERIVATION		December-21	January-22	February-22
25	Total GCA Charges (Lines 17 + 21 + 24)			
25a	Rate 210/220/229	\$6.223	\$6.018	\$6.298
25b	Rate 240	\$5.874	\$5.669	\$5.949
GAS COST ADJUSTMENT MODIFIED FOR UTILITY RECEIPTS TAX -- \$/DTH				
26a	Rate 210/220/229 with IURT (Line 25a / .9853)	\$6.316	\$6.112	\$6.397
26b	Rate 240 with IURT (Line 25b / .9853)	\$5.961	\$5.757	\$6.042
*IURT Rate Effective 1/1/21 is .9853				
*IURT Rate Effective 1/1/22 is .9846				

CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA)
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022
(\$/Dth)

Line No.	Description	Dec-21	Jan-22	Feb-22
27	Schedule 3 - Purchases	8,211,610	8,853,801	6,975,220
28	Schedule 5 - Storage	3,410,000	4,960,000	3,755,500
29	Total Gas Available for Sales	11,621,610	13,813,801	10,730,720
30	UAFG Percentage - 0.1%	0.1%	0.1%	0.1%
31	UAFG Volumes	11,622	13,814	10,731
32	Average Commodity Price (Line 6 ÷ Line 29)	\$ 4.336	\$ 4.190	\$ 4.384
33	UAFG Costs [1]	\$ 50,386	\$ 57,877	\$ 47,042
34	Schedule 2 Sales	11,610,000	13,800,000	10,720,000
35	UAFG Component (Line 33 ÷ Line 34) [2]	\$ 0.004	\$ 0.004	\$ 0.004

[1] Equals amount shown on Sch. 1, P1, L5.

[2] For informational purposes only.

CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA) FOR TRANSPORTATION CUSTOMERS

Line No.		(A) Dec-21	(B) Jan-22	(C) Feb-22	(D) Total
	COMPANY USE GAS COSTS TO BE RECOVERED				
	COST DERIVATION				
36	Storage Field Operations (Dth)	3,472	12,085	19,956	
37	Distribution Operations (Dth)	16,601	23,912	25,456	
38	Total Storage Field and Distribution Operations (Dth)	20,073	35,997	45,412	
39	Monthly Commodity Gas Costs Per Dth (Line 13)	\$4,340	\$4,194	\$4,388	
40	Storage Field Operations Costs (Line 36 * Line 39)	\$15,068	\$50,684	\$87,567	\$153,319
41	Percentage Allocated to Transportation Customers	10%	10%	10%	
42	Storage Field Operations Costs Allocated to Transportation Customers	\$1,507	\$5,068	\$8,757	\$15,332
43	Distribution Operations Costs (Line 37 * Line 39)	\$72,048	\$100,287	\$111,701	\$284,036
44	Percentage Allocated to Transportation Customers	48%	48%	48%	
45	Distribution Operations Costs Allocated to Transportation Customers	\$34,583	\$48,138	\$53,616	\$136,337
46	Storage Field and Distribution Operation Costs Allocated to Transportation Customers (Line 42 + Line 45)	\$36,090	\$53,206	\$62,373	\$151,669
47	Storage Losses (Dth) (Storage Losses Workpaper)	20,150	32,550	22,910	
48	Storage Losses Costs (Line 39 * Line 47)	\$87,451	\$136,515	\$100,529	\$324,495
49	Percentage Allocated to Transportation Customers	10%	10%	10%	
50	Storage Losses Costs Allocated to Transportation Customers	\$8,745	\$13,652	\$10,053	\$32,450
51	Company Use Variance (Schedule 12E, Line 13)	\$4,644	\$4,719	\$4,444	\$13,807
52	Total Company Use Gas Costs and Variances Allocated to Transportation Customers (Line 46 + Line 50 + Line 51)	\$49,479	\$71,577	\$76,870	\$197,926
53	Estimated Transportation Volumes (Dth)	7,130,000	7,440,000	6,300,000	
	GCA DERIVATION				
54	GCA Charge for Rates 225/245/260/270 (Line 52 / Line 53)	\$0.007	\$0.010	\$0.012	
55	GCA Modified for IN Utility Receipts Tax for Rates 225/245/260/270 (Line 54/ .9853) *IURT Rate Effective 1/1/21 is .9853 *IURT Rate Effective 1/1/22 is .9846	\$0.007	\$0.010	\$0.012	

**CEI NORTH
TOTAL GAS COST RECOVERY
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022**

Line No.	Description	Total
56	Natural Gas Commodity Costs (Schedule 1, Line 15 Total)	\$155,106,997
57	Natural Gas Demand Costs (Schedule 1, Line 6)	\$21,000,893
58	Commodity Variance (Schedule 1, Line 7 Total)	\$44,282,130
59	Commodity Refund (Schedule 1, Line 10 Total)	(\$25,729)
60	Demand Variance (Schedule 1, Line 18 Total)	\$846,315
61	Bad Debt Gas Costs (Schedule 1 Line 23 Total)	\$1,584,971
62	Total Gas Cost Recovery	\$222,795,577

Cause No. 37394-GCA152

**CEI NORTH
QUARTERLY ALLOCATION OF DEMAND COSTS**

ESTIMATE OF DEMAND COST FOR THE PROJECTED GCA QUARTER
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Line No.	Description	GCA Quarter Demand Cost
1	December 2021 Monthly Demand Costs	\$7,435,450
2	Asset Management Fee (Credit)*	(\$369,722)
3	January 2022 Monthly Demand Costs	\$7,435,450
4	Asset Management Fee (Credit)*	(\$369,722)
5	February 2022 Monthly Demand Costs	\$7,239,159
6	Asset Management Fee (Credit)*	(\$369,722)
7	GCA Quarter (December 2021, January and February 2022) Demand Cost	<u><u>\$21,000,893</u></u>

*New Asset Management Agreement (AMA) begins April 1, 2021. Credit is \$369,722 per month

Derivation of Unit Demand Rate:
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	Rate 210/211	Rate 220/229	Rate 240	Total
8 Projected Quarter Sales (Sch. 2A) (1)	25,220,000	10,820,000	36,000	36,076,000
9 Total Unit Demand Rate	\$0.582	\$0.582	\$0.23	

(1) The derivation of Rate 240 demand rate is based on 40% of its projected annual sales.

Cause No. 37394-GCA152

**CEI NORTH
ESTIMATED SALES
FOR THE TWELVE MONTHS ENDING NOVEMBER 2022
SUBJECT TO GCA**

Month / Year	Sales Demand Forecast	Sales Not Subject To GCA	Sales Subject To GCA	Rate 210	Rate 220	Rate 240
Dec-21	11,610,000		11,610,000	8,100,000	3,480,000	30,000
Jan-22	13,800,000		13,800,000	9,720,000	4,040,000	40,000
Feb-22	10,720,000		10,720,000	7,400,000	3,300,000	20,000
Subtotal	36,130,000	0	36,130,000	25,220,000	10,820,000	90,000
Mar-22	7,840,000		7,840,000	5,380,000	2,440,000	20,000
Apr-22	4,300,000		4,300,000	2,980,000	1,300,000	20,000
May-22	2,000,000		2,000,000	1,310,000	680,000	10,000
Subtotal	14,140,000	0	14,140,000	9,670,000	4,420,000	50,000
Jun-22	1,130,000		1,130,000	720,000	400,000	10,000
Jul-22	1,130,000		1,130,000	690,000	430,000	10,000
Aug-22	1,130,000		1,130,000	660,000	460,000	10,000
Subtotal	3,390,000	0	3,390,000	2,070,000	1,290,000	30,000
Sep-22	1,370,000		1,370,000	820,000	540,000	10,000
Oct-22	2,780,000		2,780,000	1,700,000	1,060,000	20,000
Nov-22	7,190,000		7,190,000	4,935,000	2,230,000	25,000
Subtotal	11,340,000	0	11,340,000	7,455,000	3,830,000	55,000
Total	65,000,000	0	65,000,000	44,415,000	20,360,000	225,000

QUARTERLY PERCENTAGES BY RATE CLASS OF SALES SUBJECT TO GCA

Quarter	Total	Rate Rate 210	Rate Rate 220	Rate Rate 240
December 2021 - February 2022	55.585%	56.783%	53.143%	40.000%
Mar 2022 - May 2022	21.754%	21.772%	21.709%	22.222%
June 2022 - August 2022	5.215%	4.661%	6.336%	13.333%
September 2022 - November 2022	17.446%	16.784%	18.812%	24.445%

CEI NORTH
ESTIMATED TRANSPORTATION VOLUMES
FOR CUSTOMERS SUBJECT TO COMPANY USE COSTS
FOR THE TWELVE MONTHS ENDING NOVEMBER 2022

Month / Year	Total Transport Volumes	Transport Volumes	Rate 225	Rate 245	Rate 260	Rate 270
Dec-21	7,130,000	7,130,000	110,000	1,470,000	4,100,000	1,450,000
Jan-22	7,440,000	7,440,000	130,000	1,490,000	4,300,000	1,520,000
Feb-22	6,300,000	6,300,000	100,000	1,255,000	3,600,000	1,345,000
Subtotal	20,870,000	20,870,000	340,000	4,215,000	12,000,000	4,315,000
Mar-22	6,665,000	6,665,000	75,000	1,200,000	3,875,000	1,515,000
Apr-22	5,460,000	5,460,000	40,000	795,000	3,300,000	1,325,000
May-22	5,370,000	5,370,000	20,000	775,000	3,250,000	1,325,000
Subtotal	17,495,000	17,495,000	135,000	2,770,000	10,425,000	4,165,000
Jun-22	5,105,000	5,105,000	10,000	645,000	3,200,000	1,250,000
Jul-22	5,060,000	5,060,000	10,000	600,000	3,150,000	1,300,000
Aug-22	5,190,000	5,190,000	10,000	650,000	3,230,000	1,300,000
Subtotal	15,355,000	15,355,000	30,000	1,895,000	9,580,000	3,850,000
Sep-22	5,110,000	5,110,000	10,000	675,000	3,125,000	1,300,000
Oct-22	5,905,000	5,905,000	30,000	925,000	3,600,000	1,350,000
Nov-22	6,300,000	6,300,000	65,000	1,185,000	3,650,000	1,400,000
Subtotal	17,315,000	17,315,000	105,000	2,785,000	10,375,000	4,050,000
Total	71,035,000	71,035,000	610,000	11,665,000	42,380,000	16,380,000

QUARTERLY PERCENTAGES BY RATE CLASS

Quarter	Total	Rate Rate 245	Rate Rate 260	Rate Rate 270
December 2021 - February 2022	29.380%	36.134%	28.315%	26.343%
Mar 2022 - May 2022	24.629%	23.746%	24.599%	25.427%
June 2022 - August 2022	21.616%	16.245%	22.605%	23.504%
September 2022 - November 2022	24.375%	23.875%	24.481%	24.726%

Cause No. 37394-GCA152

CEI NORTH
ESTIMATED PURCHASED GAS COST - COMMODITY COST
January-22

SUPPLIER	(A) QUANTITIES (DTH)	(B) COMP. FUEL (%)	(C) COMP. FUEL (DTH)	(D) PURCHASED QUANTITIES (DTH) (A)/(1-(B))	(E) TRANSPORT RATE (\$/DTH)	(F) WELLHEAD PRICE* (\$/DTH)	(G) TRANSPORT COST (\$) (A)*(E)	(H) WELLHEAD GAS COST (\$) (D)*(F)	(I) TOTAL COST (\$) (G)+(H)
PANHANDLE									
FT Swing	1,839,850	3.55%	67,719	1,907,569	\$0.0458	\$5.3520	\$84,265	\$10,209,309	\$10,293,574
FT (SWING) Shorthaul (Putnam)	774,705	0.39%	3,033	777,738	\$0.0058	\$4.7050	\$4,493	\$3,659,257	\$3,663,750
FIXED PRICE	0	3.55%	0	0	\$0.0458	\$0.0000	\$0	\$0	\$0
LONG-TERM FIXED PRICE #2	77,160	3.55%	2,840	80,000	\$0.0458	\$4.7000	\$3,534	\$376,000	\$379,534
LONG-TERM FIXED PRICE #4	144,675	3.55%	5,325	150,000	\$0.0458	\$4.3350	\$6,626	\$650,250	\$656,876
Subtotal	2,836,390		78,917	2,915,307			\$98,918	\$14,894,816	\$14,993,734
TEXAS GAS (Zone 3)									
FT - NNS (Current Month)	465,000	0.54%	2,525	467,525	\$0.0502	\$3.9343	\$23,343	\$1,839,375	\$1,862,718
FT - BACKHAUL (SWING)	806,000	0.03%	242	806,242	\$0.0324	\$4.7050	\$26,114	\$3,793,368	\$3,819,482
NNS (SWING)	511,221	0.54%	2,776	513,997	\$0.0502	\$4.4290	\$25,663	\$2,276,491	\$2,302,154
FIXED PRICE	309,907	0.03%	93	310,000	\$0.0324	\$5.5500	\$10,041	\$1,720,500	\$1,730,541
Subtotal	2,092,128		5,635	2,097,763			\$85,161	\$9,629,734	\$9,714,895
TEXAS GAS (Zone 4)									
FT - NNS (Current Month)	310,000	0.89%	2,784	312,784	\$0.0626	\$3.9343	\$19,406	\$1,230,581	\$1,249,987
FT - BACKHAUL (SWING)	465,000	0.32%	1,493	466,493	\$0.0410	\$4.7050	\$19,065	\$2,194,849	\$2,213,914
NNS (SWING)	211,699	0.89%	1,901	213,600	\$0.0626	\$4.4290	\$13,252	\$946,035	\$959,287
FIXED PRICE	0	0.32%	0	0	\$0.0410	\$0.0000	\$0	\$0	\$0
Subtotal	986,699		6,178	992,877			\$51,723	\$4,371,465	\$4,423,188
TEXAS EASTERN									
TETCO (FOM)	3,100	2.49%	79	3,179	\$0.3931	\$4.7050	\$1,219	\$14,958	\$16,177
TETCO (SWING)	0	2.49%	0	0	\$0.3931	\$4.7050	\$0	\$0	\$0
Subtotal	3,100		79	3,179			\$1,219	\$14,958	\$16,177
ANR									
ANR (Swing)	0	0.49%	0	0	\$0.0120	\$4.7050	\$0	\$0	\$0
FIXED PRICE	462,722	0.49%	2,279	465,000	\$0.0120	\$5.6400	\$5,553	\$2,622,600	\$2,628,153
Subtotal	462,722		2,279	465,000			\$5,553	\$2,622,600	\$2,628,153
REX									
REX (DELIVERED)	930,000	0.00%	0	930,000	\$0.0000	\$4.0840	\$0	\$3,798,120	\$3,798,120
REX FTS	40,812	3.10%	1,306	42,118	\$0.0277	\$4.0790	\$1,130	\$171,798	\$172,928
REX FTS FIXED PRICE	1,501,950	3.10%	48,050	1,550,000	\$0.0277	\$5.3170	\$41,604	\$8,241,350	\$8,282,954
Subtotal	2,472,762		49,356	2,522,118			\$42,734	\$12,211,268	\$12,254,002
Financial Transactions									
Long Term Financial Purchase #1				540,000		(\$1.0440)		(\$563,760)	(\$563,760)
Long Term Financial Purchase #2				300,000		(\$1.1840)		(\$355,200)	(\$355,200)
Total All Suppliers	8,853,801		142,443	8,996,243			\$285,308	\$42,825,881	\$43,111,189

Vectren North
For the Period December 2021 through February 2022
Purchase Price Workpaper

Revised GCA Filing

NYMEX Close Date: 10/20/2021

Current Basis Differential:

			PEPL	TGT Zone 1	TETCO	ANR	REX	TGT BH	PEPL - PUTNAM	
NYMEX - Jan	\$	5.562	Basis - Jan.	\$ 0.790	\$ (0.133)	\$ 0.143	\$ 0.143	\$ (0.483)	\$ 0.143	\$ 0.143

Jan. Flex NYMEX Close Date: N/A Note: January final NYMEX settlement was over the \$1.00 cap - CEI North January flex filing utilizes the max of \$1.00

Jan. Flex NYMEX Close Price: \$ 4.562

Flexed Purchase Price

	PEPL	TGT Zone 1	TETCO	ANR	REX	TGT BH	PEPL - PUTNAM
	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM
January-22	\$ 5.352	\$ 4.429	\$ 4.705	\$ 4.705	\$ 4.079	\$ 4.705	\$ 5.705

January Financial NYMEX Close Date: 12/29/2021

January Financial NYMEX Close Price: \$ 4.024

CEI NORTH
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022
WEIGHTED AVERAGE COST OF GAS

Cause No. 37394-GCA152
Sch. 3 WACOG
Workpaper

	December 2021			January 2022			February 2022			Total	Cause No. 37394-GCA152		
	Volume	Price	Extension	Volume	Price	Extension	Volume	Price	Extension	Volume	Average Price	Extension	
LONG-TERM FINANCIAL PURCHASE #1	540,000	\$ (2.0850)	\$ (1,125,900)	540,000	\$ (1.0440)	\$ (563,760)	540,000	\$ (2.4890)	\$ (1,344,060)	1,620,000	\$ (1.8727)	\$ (3,033,720)	
LONG-TERM FINANCIAL PURCHASE #2	300,000	\$ (2.2250)	\$ (667,500)	300,000	\$ (1.1840)	\$ (355,200)	300,000	\$ (2.6290)	\$ (788,700)	900,000	\$ (2.0127)	\$ (1,811,400)	
LONG-TERM FIXED PRICE #2	80,000	\$ 4.7000	\$ 376,000	80,000	\$ 4.7000	\$ 376,000	80,000	\$ 4.7000	\$ 376,000	240,000	\$ 4.7000	\$ 1,128,000	
LONG-TERM FIXED PRICE #4	150,000	\$ 4.3350	\$ 650,250	150,000	\$ 4.3350	\$ 650,250	150,000	\$ 4.3350	\$ 650,250	450,000	\$ 4.3350	\$ 1,950,750	
LONG-TERM FIXED WACOG	230,000	\$ (3.3354)	\$ (767,150)	230,000	\$ 0.4665	\$ 107,290	230,000	\$ (4.8109)	\$ (1,106,510)	690,000	\$ (2.5600)	\$ (1,766,370)	
SHORT-TERM FIXED PEPL	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
SHORT-TERM FIXED TGT	310,000	\$ 5.5500	\$ 1,720,500	310,000	\$ 5.5500	\$ 1,720,500	-	\$ -	\$ -	620,000	\$ 5.5500	\$ 3,441,000	
SHORT-TERM FIXED ANR	465,000	\$ 5.6400	\$ 2,622,600	465,000	\$ 5.6400	\$ 2,622,600	-	\$ -	\$ -	930,000	\$ 5.6400	\$ 5,245,200	
SHORT-TERM FIXED REX	1,550,000	\$ 5.3170	\$ 8,241,350	1,550,000	\$ 5.3170	\$ 8,241,350	280,000	\$ 3.9150	\$ 1,096,200	3,380,000	\$ 5.2009	\$ 17,578,900	
SHORT-TERM FIXED WACOG	2,325,000	\$ 5.4127	\$ 12,584,450	2,325,000	\$ 5.4127	\$ 12,584,450	280,000	\$ 3.9150	\$ 1,096,200	4,930,000	\$ 5.3276	\$ 26,265,100	
FIRST OF THE MONTH INDEX - PEPL/REX	-	\$ 5.0470	\$ -	-	\$ 4.7050	\$ -	-	\$ 5.6340	\$ -	-	\$ -	\$ -	
FIRST OF THE MONTH INDEX - TETCO	3,179	\$ 4.9270	\$ 15,664	3,179	\$ 4.7050	\$ 14,958	2,872	\$ 5.6340	\$ 16,178	9,230	\$ 5.0705	\$ 46,800	
FIRST OF THE MONTH WACOG	3,179	\$ 4.9270	\$ 15,664	3,179	\$ 4.7050	\$ 14,958	2,872	\$ 5.6340	\$ 16,178	9,230	\$ 5.0705	\$ 46,800	
DAILY SWING INDEX - PEPL	1,920,104	\$ 5.0500	\$ 9,696,524	1,907,569	\$ 5.3520	\$ 10,209,309	1,719,975	\$ 5.8790	\$ 10,111,733	5,547,648	\$ 5.4109	\$ 30,017,566	
DAILY SWING INDEX - PEPL PUTNAM	794,519	\$ 5.0470	\$ 4,009,935	777,738	\$ 4.7050	\$ 3,659,257	519,905	\$ 5.6340	\$ 2,929,145	2,092,162	\$ 5.0657	\$ 10,598,338	
DAILY SWING INDEX - TGT	395,898	\$ 4.8950	\$ 1,937,920	727,597	\$ 4.4290	\$ 3,222,525	123,572	\$ 5.3760	\$ 664,322	1,247,066	\$ 4.6708	\$ 5,824,767	
DAILY SWING INDEX - TGT BH	1,241,725	\$ 5.0470	\$ 6,266,988	1,272,735	\$ 4.7050	\$ 5,988,217	1,163,571	\$ 5.6340	\$ 6,555,559	3,678,031	\$ 5.1144	\$ 18,810,763	
DAILY SWING INDEX - ANR	-	\$ 5.0470	\$ -	-	\$ 4.7050	\$ -	140,689	\$ 5.6340	\$ 792,644	140,689	\$ 5.6340	\$ 792,644	
DAILY SWING INDEX - TETCO	-	\$ 4.9270	\$ -	-	\$ 4.7050	\$ -	-	\$ 5.6340	\$ -	-	\$ -	\$ -	
DAILY SWING INDEX - REX	42,021	\$ 4.7150	\$ 198,127	42,118	\$ 4.0790	\$ 171,798	1,444,788	\$ 5.2590	\$ 7,598,142	1,528,927	\$ 5.2115	\$ 7,968,068	
DAILY SWING WACOG	4,394,266	\$ 5.0314	\$ 22,109,494	4,727,756	\$ 4.9180	\$ 23,251,106	5,112,501	\$ 5.6042	\$ 28,651,545	14,234,523	\$ 5.1995	\$ 74,012,146	
COMPANY STORAGE	1,085,000	\$ 3.7667	\$ 4,086,885	1,860,000	\$ 3.9343	\$ 7,317,771	1,290,500	\$ 3.9343	\$ 5,077,196	4,235,500	\$ 3.8914	\$ 16,481,852	
PANHANDLE STORAGE	1,395,000	\$ 2.4315	\$ 3,391,943	2,015,000	\$ 2.4315	\$ 4,899,473	1,595,000	\$ 2.4315	\$ 3,878,243	5,005,000	\$ 2.4315	\$ 12,169,658	
ANR STORAGE	930,000	\$ 2.3491	\$ 2,184,663	1,085,000	\$ 2.3491	\$ 2,548,774	870,000	\$ 2.3491	\$ 2,043,717	2,885,000	\$ 2.3491	\$ 6,777,154	
NNS - TEXAS GAS STORAGE	468,075	\$ 3.7667	\$ 1,763,105	780,308	\$ 3.9343	\$ 3,069,956	642,288	\$ 3.9343	\$ 2,526,943	1,890,671	\$ 3.8928	\$ 7,360,004	
STORAGE WACOG	3,878,075	\$ 2.9465	\$ 11,426,595	5,740,308	\$ 3.1071	\$ 17,835,974	4,397,788	\$ 3.0757	\$ 13,526,098	14,016,171	\$ 3.0528	\$ 42,788,667	
DELIVERED - REX	930,000	\$ 5.1250	\$ 4,766,250	930,000	\$ 4.0840	\$ 3,798,120	840,000	\$ 5.5190	\$ 4,635,960	2,700,000	\$ 4.8890	\$ 13,200,330	
DELIVERED - REX WACOG	930,000	\$ 5.1250	\$ 4,766,250	930,000	\$ 4.0840	\$ 3,798,120	840,000	\$ 5.5190	\$ 4,635,960.00	2,700,000	\$ 4.8890	\$ 13,200,330.00	
LONG-TERM FIXED WACOG	230,000	\$ (3.3354)	\$ (767,150)	230,000	\$ 0.4665	\$ 107,290	230,000	\$ (4.8109)	\$ (1,106,510)	690,000	\$ (2.5600)	\$ (1,766,370)	
SHORT-TERM FIXED WACOG	2,325,000	\$ 5.4127	\$ 12,584,450	2,325,000	\$ 5.4127	\$ 12,584,450	280,000	\$ 3.9150	\$ 1,096,200	4,930,000	\$ 5.3276	\$ 26,265,100	
FIRST OF THE MONTH WACOG	3,179	\$ 4.9270	\$ 15,664	3,179	\$ 4.7050	\$ 14,958	2,872	\$ 5.6340	\$ 16,178	9,230	\$ 5.0705	\$ 46,800	
DAILY SWING WACOG	4,394,266	\$ 5.0314	\$ 22,109,494	4,727,756	\$ 4.9180	\$ 23,251,106	5,112,501	\$ 5.6042	\$ 28,651,545	14,234,523	\$ 5.1995	\$ 74,012,146	
STORAGE WACOG	3,878,075	\$ 2.9465	\$ 11,426,595	5,740,308	\$ 3.1071	\$ 17,835,974	4,397,788	\$ 3.0757	\$ 13,526,098	14,016,171	\$ 3.0528	\$ 42,788,667	
DELIVERED - REX WACOG	930,000	\$ 5.1250	\$ 4,766,250	930,000	\$ 4.0840	\$ 3,798,120	840,000	\$ 5.5190	\$ 4,635,960	2,700,000	\$ 4.8890	\$ 13,200,330	
TOTAL WEIGHTED AVERAGE COST OF GAS	11,760,520	\$ 4.2630	\$ 50,135,303	13,956,243	\$ 4.1266	\$ 57,591,898	10,863,160	\$ 4.3099	\$ 46,819,471	36,579,924	\$ 4.2249	\$ 154,546,673	

Cause No. 37394-GCA152

CEI NORTH
ESTIMATED GAS STORAGE AND DELIVERED SERVICES COST
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022
COMMODITY COST

Month and Supplier	Estimated Volumes			Estimated Rates			Estimated Cost			
	Injected	Withdrawn	Compressor Fuel	Injected	Withdrawn	Com- pressor Fuel	Injected	Withdrawn	Compressor Fuel	Total
	Dth	Dth		Dth	Dth					
December-21										
TEXAS GAS ZONE 3	0	310,000	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	0	155,000	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	0	465,000	0				\$0	\$0	\$0	\$0
January-22										
TEXAS GAS ZONE 3	0	465,000	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	0	310,000	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	0	775,000	0				\$0	\$0	\$0	\$0
February-22										
TEXAS GAS ZONE 3	0	406,000	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	0	232,000	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	0	638,000	0				\$0	\$0	\$0	\$0
Total Commodity Cost							\$0	\$0	\$0	\$0

Cause No. 37394-GCA152

CEI NORTH
ESTIMATED COST OF GAS INJECTED AND WITHDRAWN FROM STORAGE AND DELIVERED SERVICES
FOR THE PERIOD DECEMBER 2021 THROUGH FEBRUARY 2022

Month and Type of Storage	Estimated Changes in Storage			Estimated Gas Rates			Cost of Gas	
	Injected Dth	Withdrawn Dth	Net Dth	Demand	Commodity	Demand	Commodity	Net
December-21								
Company	0	1,085,000	1,085,000		\$3.7667	\$0	\$4,086,885	\$4,086,885
Subtotal Company	0	1,085,000	1,085,000			\$0	\$4,086,885	\$4,086,885
Panhandle	0	1,395,000	1,395,000		\$2.4315	\$0	\$3,391,943	\$3,391,943
ANR	0	930,000	930,000		\$2.3491	\$0	\$2,184,663	\$2,184,663
Subtotal Pipeline Storage	0	2,325,000	2,325,000			\$0	\$5,576,606	\$5,576,606
	0	3,410,000	3,410,000			\$0	\$9,663,491	\$9,663,491
January-22								
Company	0	1,860,000	1,860,000		\$3.9343	\$0	\$7,317,771	\$7,317,771
Subtotal Company	0	1,860,000	1,860,000			\$0	\$7,317,771	\$7,317,771
Panhandle	0	2,015,000	2,015,000		\$2.4315	\$0	\$4,899,473	\$4,899,473
ANR	0	1,085,000	1,085,000		\$2.3491	\$0	\$2,548,774	\$2,548,774
Subtotal Pipeline Storage	0	3,100,000	3,100,000			\$0	\$7,448,247	\$7,448,247
	0	4,960,000	4,960,000			\$0	\$14,766,018	\$14,766,018
February-22								
Company	0	1,290,500	1,290,500		\$3.9343	\$0	\$5,077,196	\$5,077,196
Subtotal Company	0	1,290,500	1,290,500			\$0	\$5,077,196	\$5,077,196
Panhandle	0	1,595,000	1,595,000		\$2.4315	\$0	\$3,878,243	\$3,878,243
ANR	0	870,000	870,000		\$2.3491	\$0	\$2,043,717	\$2,043,717
Subtotal Pipeline Storage	0	2,465,000	2,465,000			\$0	\$5,921,960	\$5,921,960
	0	3,755,500	3,755,500			\$0	\$10,999,156	\$10,999,156
Grand Total	0	12,125,500	12,125,500			\$0	\$35,428,665	\$35,428,665

CEI NORTH

TABLE NO. 1
Effects of
Estimated GCA v. Currently Effective GCA
For Residential Customers

Consumption Dth	Bill At Estimated GCA	Bill At Currently Effective GCA	Dollar Increase (Decrease)	Percent Increase (Decrease)
5	\$62.00	\$66.04	(\$4.04)	-6.11%
10	\$102.25	\$110.32	(\$8.07)	-7.31%
15	\$142.51	\$154.61	(\$12.11)	-7.83%
20	\$182.76	\$198.90	(\$16.14)	-8.11%
25	\$223.01	\$243.19	(\$20.18)	-8.30%

Estimated GCA v. Currently Effective GCA

	Estimated	Currently Approved
Customer Service Charge	\$11.25	\$11.25
Commodity Charge Block 1	\$2.420	\$2.420
Commodity Charge Block 2	\$1.696	\$1.696
USF Rider (Eff. 10/1/21)	\$0.013	\$0.013
PSA (Eff. 04/10/17)	\$0.0000	\$0.0000
EEFC (Eff. 5/6/21)	\$0.1269	\$0.1269
SRC (Eff. 5/6/21)	(\$0.0483)	(\$0.0483)
CSIA (Eff. 7/29/21)	\$7.2400	\$7.2400
GCA151	\$6.263	\$7.070

TABLE NO. 2

Effects of
Estimated GCA v. Prior Year Effective GCA
For Residential Customers

Consumption Dth	Bill At Estimated GCA	Bill At Prior Year Effective GCA	Dollar Increase (Decrease)	Percent Increase (Decrease)
5	\$62.00	\$46.05	\$15.95	34.64%
10	\$102.25	\$70.86	\$31.40	44.31%
15	\$142.51	\$95.66	\$46.84	48.96%
20	\$182.76	\$120.47	\$62.29	51.70%
25	\$223.01	\$145.28	\$77.73	53.50%

Estimated GCA v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$11.25	\$11.25
Commodity Charge Block 1	\$2.420	\$2.420
Commodity Charge Block 2	\$1.696	\$1.696
USF Rider (Eff. 10/1/21)	\$0.013	\$0.025
PSA (Eff. 04/10/17)	\$0.0000	\$0.000
EEFC (Eff. 5/6/21)	\$0.1269	\$0.1006
SRC (Eff. 5/6/21)	(\$0.0483)	\$0.0430
CSIA (Eff. 7/29/21)	\$7.2400	\$6.7328
GCA 148	\$6.263	\$3.097

CEI NORTH**TABLE NO. 2 B****Effects of
Estimated January 2022 v. Prior Year Effective GCA
For Residential Customers**

Consumption Dth	Bill At Estimated GCA	Bill At Prior Year Effective GCA	Dollar Increase (Decrease)	Percent Increase (Decrease)
5	\$61.25	\$45.88	\$15.36	33.48%
10	\$100.74	\$70.48	\$30.26	42.93%
15	\$140.24	\$95.08	\$45.16	47.50%
20	\$179.74	\$119.68	\$60.06	50.19%
25	\$219.24	\$144.28	\$74.96	51.96%

Estimated January 2022 v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$11.25	\$11.25
Commodity Charge Block 1	\$2.420	\$2.420
Commodity Charge Block 2	\$1.696	\$1.696
USF Rider (Eff. 10/1/21)	\$0.013	\$0.025
PSA (Eff. 04/10/17)	\$0.0000	\$0.0000
EEFC (Eff. 5/6/21)	\$0.1269	\$0.1006
SRC (Eff. 5/6/21)	(\$0.0483)	\$0.0430
CSIA (Eff. 7/29/21)	\$7.2400	\$6.7787
Jan-22	\$6.112	\$3.055

Cause No. 37394-GCA152

CEI NORTH

TABLE NO. 1
Effects of
Estimated GCA v. Prior Year Effective GCA
For Residential Spaceheating Customers
At Normal Consumption Levels

	Consumption Dth	Bill At Estimated GCA	Bill At Prior Year Effective GCA	Dollar Increase (Decrease)	Percent Increase (Decrease)
December 2021	14.5	\$139.25	\$92.13	\$47.12	51.15%
January 2022	17.9	\$163.15	\$109.30	\$53.85	49.27%
February 2022	14.2	\$137.97	\$93.54	\$44.43	47.50%

Estimated GCA v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$11.25	\$11.25
Commodity Charge Block 1	\$2.420	\$2.420
Commodity Charge Block 2	\$1.696	\$1.696
USF Rider (Eff. 10/1/21)	\$0.013	\$0.025
PSA (Eff. 4/10/17)	\$0.000	\$0.000
EEFC (Eff. 5/6/21)	\$0.127	\$0.101
SRC (Eff. 5/6/21)	(\$0.048)	\$0.043
CSIA (Eff. 7/29/21)	\$7.240	\$6.733
GCA Charge - December-21	\$6.316	\$3.024
GCA Charge - January-22	\$6.112	\$3.055
GCA Charge - February-22	\$6.397	\$3.227