

FILED
April 1, 2022
INDIANA UTILITY
REGULATORY COMMISSION

Petitioner's Exhibit No. 1
Cause No. 37394 GCA 154
CEI North
Page 1 of 7

INDIANA GAS COMPANY, INC.
d/b/a CENTERPOINT ENERGY INDIANA NORTH
(CEI NORTH)

IURC CAUSE NO. 37394 GCA 154

DIRECT TESTIMONY
OF
KATIE J. TIEKEN
DIRECTOR, REGULATORY AND RATES

IURC
PETITIONER'S
EXHIBIT NO. 1
5-11-22 JL
DATE REPORTER

SPONSORING PETITIONER'S EXHIBIT NO. 1,
ATTACHMENTS KJT-1 THROUGH KJT-2

OFFICIAL
EXHIBITS

DIRECT TESTIMONY OF KATIE J. TIEKEN

1 **I. INTRODUCTION**

2

3 **Q. Please state your name and business address.**

4 A. Katie J. Tieken
5 211 NW Riverside Drive
6 Evansville, Indiana 47708

7

8 **Q. By whom are you employed?**

9 A. I am employed by CenterPoint Energy Services Company, LLC ("Service Company"), a
10 wholly-owned subsidiary of CenterPoint Energy, Inc. The Service Company provides
11 centralized support services to CenterPoint Energy, Inc.'s operating units, one of which is
12 Indiana Gas Company, Inc. d/b/a CenterPoint Energy Indiana North ("Petitioner", "CEI
13 North", or the "Company").

14

15 **Q. On whose behalf are you submitting this direct testimony?**

16 A. I am submitting testimony on behalf of CEI North, which is an indirect subsidiary of
17 CenterPoint Energy, Inc.

18

19 **Q. What position do you hold with Petitioner CEI North?**

20 A. I am Director, Regulatory and Rates for the Company's gas utility. I hold the same position
21 with two other utility subsidiaries of CenterPoint Energy, Inc. – Southern Indiana Gas and
22 Electric Company d/b/a CenterPoint Energy Indiana South ("CEI South") and Vectren
23 Energy Delivery of Ohio, Inc. d/b/a CenterPoint Energy Ohio ("CEOH").

24

25 **Q. Please describe your educational background.**

26 A. I am a 2001 graduate of the University of Evansville with a Bachelor of Science degree in
27 Business Administration with double majors in finance and mathematics.

28

29 **Q. Please describe your professional experience.**

30 A. From 2002 to 2007, I was employed by EG&G Technical Services as a financial analyst
31 and contract administrator. I have held various regulatory positions within CenterPoint

1 Energy, Inc. and its predecessor companies since October 2007, including being named
2 Manager, Rates in 2015, and Manager, Regulatory and Rates in February 2019. In April
3 2021, I was named to my current position.
4

5 **Q. What are your present duties and responsibilities as Director, Regulatory and**
6 **Rates?**

7 A. I am responsible for the Indiana and Ohio regulatory and rate matters of the regulated
8 utilities within CenterPoint Energy, Inc. in proceedings before the Indiana and Ohio utility
9 regulatory commissions. I also have responsibility for the implementation of all regulatory
10 initiatives of CEI North (and other utility subsidiaries in Indiana and Ohio).
11

12 **Q. Have you ever testified before any state regulatory commission?**

13 A. Yes. I have testified before the Indiana Utility Regulatory Commission ("IURC" or
14 "Commission") on behalf of CEI North in its Gas Cost Adjustment ("GCA"), Cause No.
15 37394, beginning with GCA 147. I have also testified before the Commission on behalf of
16 CEI South in its Fuel Adjustment Clause ("FAC"), Cause No. 38708, beginning with FAC
17 126 through FAC 130. I have also testified on behalf of CEI South in Cause No. 43354
18 MISO Cost and Revenue Adjustment ("MCRA"), MCRA 23 and MCRA 24, and in Cause
19 No. 43406 Reliability Cost and Revenue Adjustment ("RCRA"), RCRA 18. I have also
20 testified on behalf of CEI South in its Gas Cost Adjustment ("GCA") proceeding Cause No.
21 37366, beginning in GCA 147. In addition, I have testified on behalf of CEI North and CEI
22 South in its Compliance and System Improvement Adjustment ("CSIA") proceedings,
23 Cause No. 44429 TDSIC 14 and 44430 TDSIC 14, respectively, along with CEI North's
24 and CEI South's request to continue the CSIA for the 2022-2026 Compliance Projects and
25 TDSIC Plan in Cause Nos. 45611 and 45612, respectively. I have also testified on behalf
26 of CEI South and CEI North in their general gas base rate case proceedings, Cause No.
27 45447 and Cause No. 45468, respectively.
28

29 **Q. What is the purpose of your testimony in this proceeding?**

30 A. The purpose of my testimony is to address: (1) CEI North's request for approval of changes
31 in its GCAs for the period June, July, and August 2022 ("the GCA period"); (2) CEI North's
32 request for authority to "flex" these GCAs up and down, consistent with the Order in Cause
33 No. 44374, which was approved by the Commission on August 27, 2014; and (3) the

1 reconciliation of gas cost recovery and gas costs incurred for the months of October,
2 November, and December 2021 (the "Reconciliation Period").
3

4 **Q. Are you sponsoring any attachments?**

5 A. Yes, I am sponsoring the following attachments in this proceeding:

- 6 • Petitioner's Exhibit No. 1, Attachment KJT-1: Appendix A, GCA tariff sheet (to be
7 provided with revised schedules); and
- 8 • Petitioner's Exhibit No. 1, Attachment KJT-2: GCA calculation Schedules 1 through
9 14.

10
11 **Q. Were your testimony and attachments prepared by you or under your supervision?**

12 A. Yes, they were.
13
14

15 **II. TARIFF SHEET AND GCA SCHEDULES**
16

17 **Q. Please describe Attachment KJT-1.**

18 A. Attachment KJT-1 contains Appendix A, the tariff sheet setting forth the estimated GCAs
19 proposed to be effective for the GCA period and will be provided as part of Petitioner's filing
20 of revised schedules.
21

22 **Q. Please describe Attachment KJT-2.**

23 A. Attachment KJT-2 contains GCA calculation Schedules 1 through 14 for the Quarterly
24 Projection Period of June 2022 through August 2022, including the sales forecast for the
25 twelve months ending May 2023, and the Reconciliation Period of October through
26 December 2021.
27
28

29 **III. MONTHLY UPDATES TO GAS COST ESTIMATES FOR MARKET PURCHASES**
30

31 **Q. Has CEI North estimated prices for its projected market purchases for the GCA
32 period?**

33 A. Yes. CEI North's estimates for June, July, and August 2022 are based on current New

1 York Mercantile Exchange ("NYMEX") prices for these months. Estimated market
2 purchases have been priced at NYMEX prices on a day no more than six business days
3 prior to the filing of the revised GCA schedules included in this quarterly GCA filing. This
4 estimated price is referred to as the "initial market price."
5

6 **Q. What is CEI North's proposal to reflect changes in the market price of gas via a**
7 **pricing and monthly flex adjustment to its estimated GCA?**

8 A. CEI North will file a monthly flex (the "flex") each month to adjust the GCA for the
9 subsequent month. The flex will follow the Commission's Order for Cause No. 44374 and
10 will be filed no less than three (3) days before the beginning of each calendar month during
11 the GCA period. Market purchases in the flex will be priced at NYMEX prices on a day no
12 more than six (6) business days prior to the beginning of said calendar month. In each
13 flex, changes to the initial market price will be limited to a maximum adjustment (up or
14 down) of \$1.00 from the initial market price.
15

16 **Q. Does this flex methodology proposal differ from that in effect in Cause No. 37394**
17 **GCA 153?**

18 A. No.
19

20 **Q. On March 16, 2022, House Enrolled Act 1002 was signed into law, removing the**
21 **Utility Receipts Tax ("URT") from utility bills for usage beginning July 1, 2022. How**
22 **does the Company propose to update the GCA rates effective July 1, 2022?**

23 A. The Company will make the required 30-day filing with the Commission by May 1, 2022 to
24 remove URT from its rates and charges. Since GCA rates are updated through the monthly
25 flex each month, CEI North plans to use the monthly flex filings on June 28, 2022 (for GCA
26 rates effective July 1, 2022) and on July 27, 2022 (for GCA rates effective August 1, 2022)
27 to adjust the GCA rates to exclude the URT beginning July 1, 2022. The GCA derivation
28 excluding utility receipts tax is reflected on Schedule 1, Page 2 of 5, Line 25a for Rates
29 210, 220, 229, on Line 25b for Rate 240, and on Schedule 1, Page 4 of 5, Line 54 for Rates
30 225, 245, 260, and 270.
31
32

1 **IV. RECONCILIATION OF PRIOR PERIOD GAS COST VARIANCES AND TOTAL**
2 **RECOVERABLE GAS COSTS**
3

4 **Q. Does the applied-for GCA reflect the reconciliation of gas costs recovery and gas**
5 **costs incurred for a previous period?**

6 A. Yes. The applied-for GCA reflects the reconciliation of gas cost recovery and gas cost
7 incurred for the months of October, November, and December 2021.
8

9 **Q. Was there an over- or under- collection of GCA revenues for the Reconciliation**
10 **Period?**

11 A. Yes. CEI North experienced an under-collection of \$7,954,671 for the Reconciliation
12 Period.
13

14 **Q. Does CEI North propose an alternative approach for the Reconciliation Period in this**
15 **GCA filing?**

16 A. No. The under-collection for the Reconciliation Period in this GCA filing is included for
17 recovery in accordance with the traditional GCA recovery.
18

19 **Q. Does this GCA include variances from prior periods?**

20 A. Yes. Attachment KJT-2, Schedules 12B, 12C, and 12E include the allocated portion of prior
21 period variances attributable to this GCA period on lines 8 through 11. In accordance with
22 the Commission's Order in Cause No. 37394 GCA 151, fifty percent (50%) of the February
23 2021 variances (commodity, bad debt gas costs, demand, and company use gas costs)
24 are being recovered evenly over the 12-month period September 2021 through August
25 2022. The remaining fifty percent (50%) of the variance will be recovered using a volumetric
26 allocation over the same 12-month period. Line 8 of Schedules 12B, 12C, and 12E reflects
27 the portion of costs to be recovered based on a volumetric allocation (column A) and an
28 even split allocation (column B).
29

30 **Q. What are the total recoverable costs included in this GCA?**

31 A. Schedule 1, Lines 56-62 on page 5 reflect the total recoverable costs in this GCA with a
32 breakdown between the following components: (1) natural gas commodity costs, (2) natural
33 gas demand costs, (3) commodity variance, (4) commodity refund, (5) demand variance,

1 and (6) bad debt gas costs. The Company will file updated schedules within 20 days of
2 the GCA petition which will reflect revised commodity costs and bad debt gas costs.

3

4

5 **V. CONCLUSION**


6

7 **Q. Does this conclude your direct testimony?**

8 **A. Yes, it does.**

STATE OF INDIANA)
) SS:
COUNTY OF VANDERBURGH)

The undersigned, Katie J. Tiekens, being duly sworn, under penalty of perjury affirms that the foregoing Direct Testimony in Cause No. 37394 GCA 154 is true to the best of her knowledge, information, and belief.



Katie J. Tiekens

Cause No. 37394 GCA154

**CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA)
WITH DEMAND COSTS ALLOCATED
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022**

Line No.	ESTIMATED COST OF GAS TO BE RECOVERED	Commodity and Other				Total (E)
		Demand [1] (A)	June-22 (B)	July-22 (C)	August-22 (D)	
1	Purchased Gas Costs (Schedule 3)	\$11,323,744	\$16,777,393	\$17,612,295	\$17,597,083	\$63,310,515
2	Contract Storage & Transportation Costs (Schedule 4)	\$0	\$0	\$0	\$0	\$0
3	Cost of Gas (Inj.)/With. From Storage (Schedule 5)	\$0	(\$11,961,330)	(\$12,757,083)	(\$12,749,822)	(\$37,468,235)
4	Total Estimated Gas Costs	\$11,323,744	\$4,816,063	\$4,855,212	\$4,847,261	\$25,842,280
5	Estimated Cost of Unaccounted For Gas [2]	N/A	\$9,632	\$9,710	\$9,685	\$29,037
6	Net Cost Of Gas To Be Recovered	\$11,323,744	\$4,816,063	\$4,855,212	\$4,847,261	\$25,842,280

COMMODITY COSTS TO BE RECOVERED

7	Commodity Variance - (Schedule 12C, Line 13 TOTAL)		\$5,241,278	\$5,241,278	\$5,241,278	\$15,723,834
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)		\$4.638	\$4.638	\$4.638	
10	Commodity Dollars to be Refunded (Schedule 12A, Line 12)		(\$890)	(\$890)	(\$890)	(\$2,671)
11	Commodity Refund Per Dth (Line 10/Schedule 2A Sales)		(\$0.001)	(\$0.001)	(\$0.001)	
12	Commodity Gas Costs (Line 6)		\$4,816,063	\$4,855,212	\$4,847,261	\$14,518,536
13	Monthly Commodity Gas Costs Per Dth (Line 12/Schedule 2A Sales)		\$4.262	\$4.297	\$4.290	
14	Cost of Transportation Customer Company Use Volumes (Sch 1, Line 52)		\$68,683	\$55,595	\$41,655	\$165,933
15	Commodity Gas Costs less Cost of Transp. Cust. Co. Use Volumes (Line 12 - Line 14)		\$4,747,380	\$4,799,617	\$4,805,606	\$14,352,603
16	Adjusted Monthly Commodity Gas Costs Per Dth (Line 15/Schedule 2A Sales)		\$4.201	\$4.247	\$4.253	
17	Total Commodity Cost Per Dth of Sales (Lines 9 + 11 + 16)		\$8.838	\$8.884	\$8.890	

[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 * 0.2%).

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REGULATORY COMMISSION

Cause No. 37394-GCA154

**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
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18	Demand Cost Variance (Schedule 12B, Line 12)	\$24,749		
19	Demand Variance Per Dth (Line 18 / Schedule 2A Sales)	\$0.007		
20	TOTAL Current Demand Costs Per Dth (Schedule 1A, Line 3)		\$3.358	\$1.343
21	TOTAL Demand Costs Recovered Per Dth of Sales (Line 19 + Line 20)		\$3.365	\$1.350

	BAD DEBT GAS COSTS TO BE RECOVERED	June-22	July-22	August-22	Total
22	Total Commodity and Demand Costs	\$8,521,961	\$8,574,197	\$8,580,187	\$25,676,344
23	Bad Debt Gas Costs (Line 22 * 0.42%)	\$35,792	\$36,012	\$36,037	\$107,841
24	Bad Debt Cost Component per Dth (Line 23/Sch. 2 Sales)	\$0.032	\$0.032	\$0.032	

	GCA DERIVATION	June-22	July-22	August-22
25	Total GCA Charges (Lines 17 + 21 + 24)			
25a	Rate 210/220/229	\$12.235	\$12.281	\$12.287
25b	Rate 240	\$10.220	\$10.266	\$10.272

	GAS COST ADJUSTMENT MODIFIED FOR			
26	UTILITY RECEIPTS TAX -- \$/DTH			
26a	Rate 210/220/229 with IURT (Line 25a / .9846)	\$12.426	\$12.473	\$12.479
26b	Rate 240 with IURT (Line 25b / .9846)	\$10.380	\$10.427	\$10.433

*IURT Rate Effective 1/1/22 is .9846

CEI NORTH
DETERMINATION OF GAS COST ADJUSTMENT (GCA)
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022
(\$/Dth)

Line No.	Description	Jun-22	Jul-22	Aug-22
27	Schedule 3 - Purchases	3,517,260	3,612,260	3,612,260
28	Schedule 5 - Storage	(2,385,000)	(2,480,000)	(2,480,000)
29	Total Gas Available for Sales	1,132,260	1,132,260	1,132,260
30	UAFG Percentage - 0.2%	0.2%	0.2%	0.2%
31	UAFG Volumes	2,265	2,265	2,265
32	Average Commodity Price (Line 6 ÷ Line 29)	\$ 4.254	\$ 4.288	\$ 4.281
33	UAFG Costs [1]	\$ 9,632	\$ 9,710	\$ 9,695
34	Schedule 2 Sales	1,130,000	1,130,000	1,130,000
35	UAFG Component (Line 33 ÷ Line 34) [2]	\$ 0.009	\$ 0.009	\$ 0.009

[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) Jun-22	(B) Jul-22	(C) Aug-22	(D) Total
COMPANY USE GAS COSTS TO BE RECOVERED					
COST DERIVATION					
36	Storage Field Operations (Dth)	15,120	11,211	9,833	
37	Distribution Operations (Dth)	23,969	17,999	14,529	
38	Total Storage Field and Distribution Operations (Dth)	39,089	29,210	21,362	
39	Monthly Commodity Gas Costs Per Dth (Line 13)	\$4,262	\$4,297	\$4,290	
40	Storage Field Operations Costs (Line 36 * Line 39)	\$64,441	\$48,174	\$42,184	\$154,799
41	Percentage Allocated to Transportation Customers	10%	10%	10%	
42	Storage Field Operations Costs Allocated to Transportation Customers	\$6,444	\$4,817	\$4,218	\$15,479
43	Distribution Operations Costs (Line 37 * Line 39)	\$102,156	\$77,342	\$49,459	\$228,957
44	Percentage Allocated to Transportation Customers	48%	48%	48%	
45	Distribution Operations Costs Allocated to Transportation Customers	\$49,035	\$37,124	\$23,740	\$109,899
46	Storage Field and Distribution Operation Costs Allocated to Transportation Customers (Line 42 + Line 45)	\$55,479	\$41,941	\$27,958	\$125,378
47	Storage Losses (Dth) (Storage Losses Workpaper)	18,900	19,840	19,840	
48	Storage Losses Costs (Line 39 * Line 47)	\$80,552	\$85,252	\$85,114	\$250,918
49	Percentage Allocated to Transportation Customers	10%	10%	10%	
50	Storage Losses Costs Allocated to Transportation Customers	\$8,055	\$8,525	\$8,511	\$25,091
51	Company Use Variance (Schedule 12E, Line 13)	\$5,149	\$5,129	\$5,186	\$15,464
52	Total Company Use Gas Costs and Variances Allocated to Transportation Customers (Line 46 + Line 50 + Line 51)	\$68,683	\$55,595	\$41,655	\$165,933
53	Estimated Transportation Volumes (Dth)	5,105,000	5,060,000	5,190,000	
GCA DERIVATION					
54	GCA Charge for Rates 225/245/260/270 (Line 52 / Line 53)	\$0.013	\$0.011	\$0.008	
55	GCA Modified for IN Utility Receipts Tax for Rates 225/245/260/270 (Line 54/ .9846)	\$0.013	\$0.011	\$0.008	

*IURT Rate Effective 1/1/22 is .9846

**CEI NORTH
TOTAL GAS COST RECOVERY
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022**

Line No.	Description	Total
56	Natural Gas Commodity Costs (Schedule 1, Line 15 Total)	\$14,352,603
57	Natural Gas Demand Costs (Schedule 1, Line 6)	\$11,323,744
58	Commodity Variance (Schedule 1, Line 7 Total)	\$15,723,834
59	Commodity Refund (Schedule 1, Line 10 Total)	(\$2,671)
60	Demand Variance (Schedule 1, Line 18 Total)	\$24,749
61	Bad Debt Gas Costs (Schedule 1 Line 23 Total)	\$107,841
62	Total Gas Cost Recovery	\$41,530,100

Cause No. 37394-GCA154

**CEI NORTH
QUARTERLY ALLOCATION OF DEMAND COSTS**

ESTIMATE OF DEMAND COST FOR THE PROJECTED GCA QUARTER
--

Line No.	Description	GCA Quarter Demand Cost
1	June 2022 Monthly Demand Costs	\$4,109,775
2	Asset Management Fee (Credit)*	(\$369,722)
3	July 2022 Monthly Demand Costs	\$4,161,567
4	Asset Management Fee (Credit)*	(\$369,722)
5	August 2022 Monthly Demand Costs	\$4,161,567
6	Asset Management Fee (Credit)*	(\$369,722)
7	GCA Quarter (June, July, and August 2022) Demand Cost	<u>\$11,323,744</u>

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

Derivation of Unit Demand Rate:
--

	Rate 210/211	Rate 220/229	Rate 240	Total
8 Projected Quarter Sales (Sch. 2A) (1)	2,070,000	1,290,000	12,000	3,372,000
9 Total Unit Demand Rate	\$3.358	\$3.358	\$1.34	

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

Cause No. 37394-GCA154

**CEI NORTH
ESTIMATED SALES
FOR THE TWELVE MONTHS ENDING MAY 2023
SUBJECT TO GCA**

Month / Year	Sales Demand Forecast	Sales Not Subject To GCA	Sales Subject To GCA	Rate 210	Rate 220	Rate 240
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
Dec-22	11,610,000		11,610,000	8,100,000	3,480,000	30,000
Jan-23	13,800,000		13,800,000	9,720,000	4,040,000	40,000
Feb-23	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-23	7,840,000		7,840,000	5,380,000	2,440,000	20,000
Apr-23	4,300,000		4,300,000	2,980,000	1,300,000	20,000
May-23	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
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
June 2022 - August 2022	5.215%	4.661%	6.336%	13.333%
September 2022 - November 2022	17.446%	16.785%	18.811%	24.444%
December 2022 - February 2023	55.585%	56.783%	53.143%	40.000%
Mar 2023 - May 2023	21.754%	21.771%	21.710%	22.223%

CEI NORTH
ESTIMATED TRANSPORTATION VOLUMES
FOR CUSTOMERS SUBJECT TO COMPANY USE COSTS
FOR THE TWELVE MONTHS ENDING MAY 2023

Month / Year	Total Transport Volumes	Transport Volumes	Rate 225	Rate 245	Rate 260	Rate 270
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
Dec-22	7,130,000	7,130,000	110,000	1,470,000	4,100,000	1,450,000
Jan-23	7,440,000	7,440,000	130,000	1,490,000	4,300,000	1,520,000
Feb-23	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-23	6,665,000	6,665,000	75,000	1,200,000	3,875,000	1,515,000
Apr-23	5,460,000	5,460,000	40,000	795,000	3,300,000	1,325,000
May-23	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
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
June 2022 - August 2022	21.616%	16.245%	22.605%	23.504%
September 2022 - November 2022	24.375%	23.875%	24.481%	24.725%
December 2022 - February 2023	29.380%	36.134%	28.315%	26.343%
Mar 2023 - May 2023	24.629%	23.746%	24.599%	25.428%

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CEI NORTH
ESTIMATED PURCHASED GAS COST - COMMODITY COST
June-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) Longhaul	1,073,895	3.55%	39,526	1,113,421	\$0.0459	\$5.0710	\$49,292	\$5,646,160	\$5,695,452
FT (SWING) Shorthaul (Putnam)	0	0.39%	0	0	\$0.0047	\$5.7010	\$0	\$0	\$0
FIXED PRICE	0	3.55%	0	0	\$0.0459	\$0.0000	\$0	\$0	\$0
LONG-TERM FIXED PRICE #2	77,160	3.55%	2,840	80,000	\$0.0459	\$4.7000	\$3,542	\$376,000	\$379,542
LONG-TERM FIXED PRICE #4	144,675	3.55%	5,325	150,000	\$0.0459	\$4.3350	\$6,641	\$650,250	\$656,891
Subtotal	1,295,730		47,691	1,343,421			\$59,475	\$6,672,410	\$6,731,885
TEXAS GAS (Zone 3)									
FT - NNS (Current Month)	(195,000)	0.54%	(1,059)	(196,059)	\$0.0503	\$4.2203	\$9,809	(\$827,427)	(\$817,618)
FT - BACKHAUL (SWING)	0	0.03%	0	0	\$0.0325	\$5.2830	\$0	\$0	\$0
NNS (SWING)	195,000	0.54%	1,059	196,059	\$0.0503	\$5.3930	\$9,809	\$1,057,345	\$1,067,154
FIXED PRICE	0	0.03%	0	0	\$0.0325	\$0.0000	\$0	\$0	\$0
Subtotal	0		0	0			\$19,618	\$229,918	\$249,536
TEXAS GAS (Zone 4)									
FT - NNS (Current Month)	(127,500)	0.89%	(1,145)	(128,645)	\$0.0627	\$4.2203	\$7,994	(\$542,920)	(\$534,926)
FT - BACKHAUL (SWING)	79,680	0.32%	256	79,936	\$0.0411	\$5.2830	\$3,275	\$422,301	\$425,576
NNS (SWING)	127,500	0.89%	1,145	128,645	\$0.0627	\$5.3930	\$7,994	\$693,782	\$701,776
FIXED PRICE	0	0.32%	0	0	\$0.0411	\$0.0000	\$0	\$0	\$0
Subtotal	79,680		256	79,936			\$19,263	\$573,163	\$592,426
TEXAS EASTERN									
TETCO (FOM)	1,500	2.49%	38	1,538	\$0.3932	\$5.2830	\$590	\$8,127	\$8,717
TETCO (SWING)	0	2.49%	0	0	\$0.3932	\$5.2830	\$0	\$0	\$0
Subtotal	1,500		38	1,538			\$590	\$8,127	\$8,717
ANR									
ANR (Swing)	465,000	0.49%	2,290	467,290	\$0.0121	\$5.2830	\$5,627	\$2,468,692	\$2,474,319
FIXED PRICE	0	0.49%	0	0	\$0.0121	\$0.0000	\$0	\$0	\$0
Subtotal	465,000		2,290	467,290			\$5,627	\$2,468,692	\$2,474,319
REX									
REX (DELIVERED)	900,000	0.00%	0	900,000	\$0.0000	\$5.7610	\$0	\$5,184,900	\$5,184,900
REX FTS (SWING)	630,000	3.10%	20,155	650,155	\$0.0278	\$5.1360	\$17,514	\$3,339,195	\$3,356,709
FIXED PRICE REX FTS	145,350	3.10%	4,650	150,000	\$0.0278	\$3.3500	\$4,041	\$502,500	\$506,541
Subtotal	1,675,350		24,805	1,700,155			\$21,555	\$9,026,595	\$9,048,150
Financial Transactions									
Long Term Financial Purchase #1				540,000		(\$2,7210)		(\$1,469,340)	(\$1,469,340)
Long Term Financial Purchase #2				300,000		(\$2,8610)		(\$858,300)	(\$858,300)
Total All Suppliers	3,517,260		75,080	3,592,340			\$126,128	\$16,651,265	\$16,777,393

Cause No. 37394-GCA154

CEI NORTH
ESTIMATED PURCHASED GAS COST - COMMODITY COST
July-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	1,110,274	3.55%	40,865	1,151,139	\$0.0459	\$5.2360	\$50,962	\$6,027,364	\$6,078,326
FT (SWING) Shorthaul (Putnam)	0	0.39%	0	0	\$0.0047	\$5.7560	\$0	\$0	\$0
FIXED PRICE	0	3.55%	0	0	\$0.0459	\$0.0000	\$0	\$0	\$0
LONG-TERM FIXED PRICE #2	77,160	3.55%	2,840	80,000	\$0.0459	\$4.7000	\$3,542	\$376,000	\$379,542
LONG-TERM FIXED PRICE #4	144,675	3.55%	5,325	150,000	\$0.0459	\$4.3350	\$6,641	\$650,250	\$656,891
Subtotal	1,332,109		49,030	1,381,139			\$61,145	\$7,053,614	\$7,114,759
TEXAS GAS (Zone 3)									
FT - NNS (Current Month)	(201,500)	0.54%	(1,094)	(202,594)	\$0.0503	\$4.2203	\$10,135	(\$855,007)	(\$844,872)
FT - BACKHAUL (SWING)	0	0.03%	0	0	\$0.0325	\$5.4010	\$0	\$0	\$0
NNS (SWING)	201,500	0.54%	1,094	202,594	\$0.0503	\$5.4310	\$10,135	\$1,100,288	\$1,110,423
FIXED PRICE	0	0.03%	0	0	\$0.0325	\$0.0000	\$0	\$0	\$0
Subtotal	0		0	0			\$20,270	\$245,281	\$265,551
TEXAS GAS (Zone 4)									
FT - NNS (Current Month)	(131,750)	0.89%	(1,183)	(132,933)	\$0.0627	\$4.2203	\$8,261	(\$561,018)	(\$552,757)
FT - BACKHAUL (SWING)	79,670	0.32%	256	79,926	\$0.0411	\$5.4010	\$3,274	\$431,679	\$434,953
NNS (SWING)	131,750	0.89%	1,183	132,933	\$0.0627	\$5.4310	\$8,261	\$721,960	\$730,221
FIXED PRICE	0	0.32%	0	0	\$0.0411	\$0.0000	\$0	\$0	\$0
Subtotal	79,670		256	79,926			\$19,796	\$592,621	\$612,417
TEXAS EASTERN									
TETCO (FOM)	1,550	2.49%	40	1,590	\$0.3932	\$5.4010	\$609	\$8,585	\$9,194
TETCO (SWING)	0	2.49%	0	0	\$0.3932	\$5.4010	\$0	\$0	\$0
Subtotal	1,550		40	1,590			\$609	\$8,585	\$9,194
ANR									
ANR (Swing)	480,500	0.49%	2,366	482,866	\$0.0121	\$5.4010	\$5,814	\$2,607,960	\$2,613,774
FIXED PRICE	0	0.49%	0	0	\$0.0121	\$0.0000	\$0	\$0	\$0
Subtotal	480,500		2,366	482,866			\$5,814	\$2,607,960	\$2,613,774
REX									
REX (DELIVERED)	930,000	0.00%	0	930,000	\$0.0000	\$5.6160	\$0	\$5,408,880	\$5,408,880
REX FTS	638,236	3.10%	20,418	658,654	\$0.0278	\$5.1930	\$17,743	\$3,420,392	\$3,438,135
REX FTS FIXED PRICE	150,195	3.10%	4,805	155,000	\$0.0278	\$3.3500	\$4,175	\$519,250	\$523,425
Subtotal	1,718,431		25,223	1,743,654			\$21,918	\$9,348,522	\$9,370,440
Financial Transactions									
Long Term Financial Purchase #1				540,000		(\$2,7760)		(\$1,499,040)	(\$1,499,040)
Long Term Financial Purchase #2				300,000		(\$2,9160)		(\$874,800)	(\$874,800)
Total All Suppliers	3,612,260		76,915	3,689,175			\$129,552	\$17,482,743	\$17,612,295

Cause No. 37394-GCA154

CEI NORTH
ESTIMATED PURCHASED GAS COST - COMMODITY COST
August-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	1,018,956	3.55%	37,504	1,056,460	\$0.0459	\$5.2340	\$46,770	\$5,529,512	\$5,576,282
FT (SWING) Shorthaul (Putnam)	0	0.39%	0	0	\$0.0047	\$5.7570	\$0	\$0	\$0
FIXED PRICE	0	3.55%	0	0	\$0.0459	\$0.0000	\$0	\$0	\$0
LONG-TERM FIXED PRICE #2	77,160	3.55%	2,840	80,000	\$0.0459	\$4.7000	\$3,542	\$376,000	\$379,542
LONG-TERM FIXED PRICE #4	144,675	3.55%	5,325	150,000	\$0.0459	\$4.3350	\$6,641	\$650,250	\$656,891
Subtotal	1,240,791		45,669	1,286,460			\$56,953	\$6,555,762	\$6,612,715
TEXAS GAS (Zone 3)									
FT - NNS (Current Month)	(201,500)	0.54%	(1,094)	(202,594)	\$0.0503	\$4.2203	\$10,135	(\$855,007)	(\$844,872)
FT - BACKHAUL (SWING)	0	0.03%	0	0	\$0.0325	\$5.4170	\$0	\$0	\$0
NNS (SWING)	201,500	0.54%	1,094	202,594	\$0.0503	\$5.5040	\$10,135	\$1,115,077	\$1,125,212
FIXED PRICE	0	0.03%	0	0	\$0.0325	\$0.0000	\$0	\$0	\$0
Subtotal	0		0	0			\$20,270	\$260,070	\$280,340
TEXAS GAS (Zone 4)									
FT - NNS (Current Month)	(131,750)	0.89%	(1,183)	(132,933)	\$0.0627	\$4.2203	\$8,261	(\$561,018)	(\$552,757)
FT - BACKHAUL (SWING)	140,988	0.32%	453	141,441	\$0.0411	\$5.4170	\$5,795	\$766,184	\$771,979
NNS (SWING)	131,750	0.89%	1,183	132,933	\$0.0627	\$5.5040	\$8,261	\$731,664	\$739,925
FIXED PRICE	0	0.32%	0	0	\$0.0411	\$0.0000	\$0	\$0	\$0
Subtotal	140,988		453	141,441			\$22,317	\$936,830	\$959,147
TEXAS EASTERN									
TETCO (FOM)	1,550	2.49%	40	1,590	\$0.3932	\$5.4170	\$609	\$8,611	\$9,220
TETCO (SWING)	0	2.49%	0	0	\$0.3932	\$5.4170	\$0	\$0	\$0
Subtotal	1,550		40	1,590			\$609	\$8,611	\$9,220
ANR									
ANR (Swing)	480,500	0.49%	2,366	482,866	\$0.0121	\$5.4170	\$5,814	\$2,615,685	\$2,621,499
FIXED PRICE	0	0.49%	0	0	\$0.0121	\$0.0000	\$0	\$0	\$0
Subtotal	480,500		2,366	482,866			\$5,814	\$2,615,685	\$2,621,499
REX									
REX (DELIVERED)	930,000	0.00%	0	930,000	\$0.0000	\$5.8170	\$0	\$5,409,810	\$5,409,810
REX FTS FIXED PRICE	150,195	3.10%	4,805	155,000	\$0.0278	\$3.3500	\$4,175	\$519,250	\$523,425
REX FTS	668,236	3.10%	21,378	689,614	\$0.0278	\$5.1290	\$18,577	\$3,537,030	\$3,555,607
Subtotal	1,748,431		26,183	1,774,614			\$22,752	\$9,466,090	\$9,488,842
Financial Transactions									
Long Term Financial Purchase #1				540,000		(\$2,7770)		(\$1,499,580)	(\$1,499,580)
Long Term Financial Purchase #2				300,000		(\$2,9170)		(\$875,100)	(\$875,100)
Total All Suppliers	3,612,260		74,711	3,686,970			\$128,715	\$17,468,368	\$17,597,083

Cause No. 37394-GCA154

CEI North
For the Period June 2022 through August 2022
Purchase Price Workpaper

NYMEX Close Date: 3/31/2022

Current Basis Differential:

			PEPL	TGT Zone 1	TETCO	ANR	REX	TGT BH	
NYMEX - June	\$	5.701	Basis - June	\$ (0.630)	\$ (0.308)	\$ (0.418)	\$ (0.418)	\$ (0.565)	\$ (0.418)
NYMEX - July	\$	5.756	Basis - July	\$ (0.520)	\$ (0.325)	\$ (0.355)	\$ (0.355)	\$ (0.563)	\$ (0.355)
NYMEX - August	\$	5.757	Basis - August	\$ (0.523)	\$ (0.253)	\$ (0.340)	\$ (0.340)	\$ (0.628)	\$ (0.340)

Purchase Price

	PEPL	TGT Zone 1	TETCO	ANR	REX	TGT BH
	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM	Swing/FOM
June-22	\$ 5.071	\$ 5.393	\$ 5.283	\$ 5.283	\$ 5.136	\$ 5.283
July-22	\$ 5.236	\$ 5.431	\$ 5.401	\$ 5.401	\$ 5.193	\$ 5.401
August-22	\$ 5.234	\$ 5.504	\$ 5.417	\$ 5.417	\$ 5.129	\$ 5.417

CEI NORTH
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022
WEIGHTED AVERAGE COST OF GAS

Cause No. 37394-GCA154
Sch. 3 WACOG
Workpaper

	June 2022			July 2022			August 2022			Total	Cause No. 37394-GCA154		
	Volume	Price	Extension	Volume	Price	Extension	Volume	Price	Extension	Volume	Average Price	Extension	
LONG-TERM FINANCIAL PURCHASE #1	540,000	\$ (2.7210)	\$ (1,469,340)	540,000	\$ (2.7760)	\$ (1,499,040)	540,000	\$ (2.7770)	\$ (1,499,580)	1,620,000	\$ (2.7580)	\$ (4,467,960)	
LONG-TERM FINANCIAL PURCHASE #2	300,000	\$ (2.8610)	\$ (858,300)	300,000	\$ (2.9160)	\$ (874,800)	300,000	\$ (2.9170)	\$ (875,100)	900,000	\$ (2.8980)	\$ (2,608,200)	
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	\$ (5.6582)	\$ (1,301,390)	230,000	\$ (5.8591)	\$ (1,347,590)	230,000	\$ (5.8627)	\$ (1,348,430)	690,000	\$ (5.7933)	\$ (3,997,410)	
SHORT-TERM FIXED PEPL	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
SHORT-TERM FIXED TGT	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
SHORT-TERM FIXED ANR	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
SHORT-TERM FIXED REX	150,000	\$ 3.3500	\$ 502,500	155,000	\$ 3.3500	\$ 519,250	155,000	\$ 3.3500	\$ 519,250	460,000	\$ 3.3500	\$ 1,541,000	
SHORT-TERM FIXED WACOG	150,000	\$ 3.3500	\$ 502,500	155,000	\$ 3.3500	\$ 519,250	155,000	\$ 3.3500	\$ 519,250	460,000	\$ 3.3500	\$ 1,541,000	
FIRST OF THE MONTH INDEX - PEPL/REX	-	\$ 5.7010	\$ -	-	\$ 5.7560	\$ -	-	\$ 5.7570	\$ -	-	\$ -	\$ -	
FIRST OF THE MONTH INDEX - TETCO	1,538	\$ 5.2830	\$ 8,127	1,590	\$ 5.4010	\$ 8,585	1,590	\$ 5.4170	\$ 8,611	4,717	\$ 5.3679	\$ 25,323	
FIRST OF THE MONTH WACOG	1,538	\$ 5.2830	\$ 8,127	1,590	\$ 5.4010	\$ 8,585	1,590	\$ 5.4170	\$ 8,611	4,717	\$ 5.3679	\$ 25,323	
DAILY SWING INDEX - PEPL	1,113,421	\$ 5.0710	\$ 5,646,160	1,151,139	\$ 5.2360	\$ 6,027,364	1,056,460	\$ 5.2340	\$ 5,529,512	3,321,020	\$ 5.1800	\$ 17,203,036	
DAILY SWING INDEX - PEPL PUTNAM	-	\$ 5.7010	\$ -	-	\$ 5.7560	\$ -	-	\$ 5.7570	\$ -	-	\$ -	\$ -	
DAILY SWING INDEX - TGT	324,704	\$ 5.3930	\$ 1,751,127	335,527	\$ 5.4310	\$ 1,822,248	335,527	\$ 5.5040	\$ 1,846,741	995,758	\$ 5.4432	\$ 5,420,116	
DAILY SWING INDEX - TGT BH	79,936	\$ 5.2830	\$ 422,301	79,926	\$ 5.4010	\$ 431,679	141,441	\$ 5.4170	\$ 766,184	301,302	\$ 5.3772	\$ 1,620,164	
DAILY SWING INDEX - ANR	467,290	\$ 5.2830	\$ 2,468,692	482,866	\$ 5.4010	\$ 2,607,960	482,866	\$ 5.4170	\$ 2,615,685	1,433,022	\$ 5.3679	\$ 7,692,336	
DAILY SWING INDEX - TETCO	-	\$ 5.2830	\$ -	-	\$ 5.4010	\$ -	-	\$ 5.4170	\$ -	-	\$ -	\$ -	
DAILY SWING INDEX - REX	650,155	\$ 5.1360	\$ 3,339,195	658,654	\$ 5.1930	\$ 3,420,392	689,614	\$ 5.1290	\$ 3,537,030	1,998,423	\$ 5.1524	\$ 10,296,617	
DAILY SWING WACOG	2,635,505	\$ 5.1707	\$ 13,627,474	2,708,112	\$ 5.2840	\$ 14,309,642	2,705,908	\$ 5.2829	\$ 14,295,152	8,049,525	\$ 5.2466	\$ 42,232,269	
COMPANY STORAGE	(1,020,000)	\$ 4.7342	\$ (4,828,841)	(1,069,500)	\$ 4.8398	\$ (5,176,204)	(1,069,500)	\$ 4.8359	\$ (5,171,948)	(3,159,000)	\$ 4.8044	\$ (15,176,993)	
PANHANDLE STORAGE	(900,000)	\$ 5.1954	\$ (4,675,894)	(930,000)	\$ 5.3410	\$ (4,967,105)	(930,000)	\$ 5.3294	\$ (4,956,375)	(2,760,000)	\$ 5.2896	\$ (14,599,374)	
ANR STORAGE	(465,000)	\$ 5.2830	\$ (2,456,595)	(480,500)	\$ 5.4397	\$ (2,613,774)	(480,500)	\$ 5.4558	\$ (2,621,499)	(1,426,000)	\$ 5.3940	\$ (7,691,868)	
NNS - TEXAS GAS STORAGE	(324,704)	\$ 4.2203	\$ (1,370,347)	(335,527)	\$ 4.2203	\$ (1,416,025)	(335,527)	\$ 4.2203	\$ (1,416,025)	(995,758)	\$ 4.2203	\$ (4,202,397)	
STORAGE WACOG	(2,709,704)	\$ 4.9200	\$ (13,331,677)	(2,815,527)	\$ 5.0339	\$ (14,173,108)	(2,815,527)	\$ 5.0313	\$ (14,165,846)	(8,340,758)	\$ 4.9960	\$ (41,670,632)	
DELIVERED - REX	900,000	\$ 5.7610	\$ 5,184,900	930,000	\$ 5.8160	\$ 5,408,880	930,000	\$ 5.8170	\$ 5,409,810	2,760,000	\$ 5.7984	\$ 16,003,590	
DELIVERED - REX WACOG	900,000	\$ 5.7610	\$ 5,184,900	930,000	\$ 5.8160	\$ 5,408,880	930,000	\$ 5.8170	\$ 5,409,810.00	2,760,000	\$ 5.7984	\$ 16,003,590.00	
LONG-TERM FIXED WACOG	230,000	\$ (5.6582)	\$ (1,301,390)	230,000	\$ (5.8591)	\$ (1,347,590)	230,000	\$ (5.8627)	\$ (1,348,430)	690,000	\$ (5.7933)	\$ (3,997,410)	
SHORT-TERM FIXED WACOG	150,000	\$ 3.3500	\$ 502,500	155,000	\$ 3.3500	\$ 519,250	155,000	\$ 3.3500	\$ 519,250	460,000	\$ 3.3500	\$ 1,541,000	
FIRST OF THE MONTH WACOG	1,538	\$ 5.2830	\$ 8,127	1,590	\$ 5.4010	\$ 8,585	1,590	\$ 5.4170	\$ 8,611	4,717	\$ 5.3679	\$ 25,323	
DAILY SWING WACOG	2,635,505	\$ 5.1707	\$ 13,627,474	2,708,112	\$ 5.2840	\$ 14,309,642	2,705,908	\$ 5.2829	\$ 14,295,152	8,049,525	\$ 5.2466	\$ 42,232,269	
STORAGE WACOG	(2,709,704)	\$ 4.9200	\$ (13,331,677)	(2,815,527)	\$ 5.0339	\$ (14,173,108)	(2,815,527)	\$ 5.0313	\$ (14,165,846)	(8,340,758)	\$ 4.9960	\$ (41,670,632)	
DELIVERED - REX WACOG	900,000	\$ 5.7610	\$ 5,184,900	930,000	\$ 5.8160	\$ 5,408,880	930,000	\$ 5.8170	\$ 5,409,810	2,760,000	\$ 5.7984	\$ 16,003,590	
TOTAL WEIGHTED AVERAGE COST OF GAS	1,207,340	\$ 3.8845	\$ 4,689,934	1,209,175	\$ 3.9082	\$ 4,725,659	1,206,970	\$ 3.9094	\$ 4,718,547	3,623,485	\$ 3.9007	\$ 14,134,140	

Cause No. 37394-GCA154

CEI NORTH
ESTIMATED GAS STORAGE AND DELIVERED SERVICES COST
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022
COMMODITY COST

Month and Supplier	Estimated Volumes			Estimated Rates			Estimated Cost			Total
	Injected	Withdrawn	Compressor Fuel	Injected	Withdrawn	Compressor Fuel	Injected	Withdrawn	Compressor Fuel	
	Dth	Dth		Dth	Dth					
June-22										
TEXAS GAS ZONE 3	(195,000)	0	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	(127,500)	0	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	(322,500)	0	0				\$0	\$0	\$0	\$0
July-22										
TEXAS GAS ZONE 3	(201,500)	0	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	(131,750)	0	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	(333,250)	0	0				\$0	\$0	\$0	\$0
August-22										
TEXAS GAS ZONE 3	(201,500)	0	0	\$0.0502	\$0.0502		\$0	\$0	\$0	\$0
TEXAS GAS ZONE 4	(131,750)	0	0	\$0.0626	\$0.0626		\$0	\$0	\$0	\$0
Subtotal	(333,250)	0	0				\$0	\$0	\$0	\$0
Total Commodity Cost							\$0	\$0	\$0	\$0

Cause No. 37394-GCA154

CEI NORTH
ESTIMATED COST OF GAS INJECTED AND WITHDRAWN FROM STORAGE AND DELIVERED SERVICES
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022

Month and Type of Storage	Estimated Changes in Storage			Estimated Gas Rates		Cost of Gas		
	Injected	Withdrawn	Net	Demand	Commodity	Demand	Commodity	Net
	Dth	Dth	Dth					
June-22								
Company	(1,020,000)	0	(1,020,000)		\$4.7342	\$0	(\$4,828,841)	(\$4,828,841)
Subtotal Company	(1,020,000)	0	(1,020,000)			\$0	(\$4,828,841)	(\$4,828,841)
Panhandle	(900,000)	0	(900,000)		\$5.1954	\$0	(\$4,675,894)	(\$4,675,894)
ANR	(465,000)	0	(465,000)		\$5.2830	\$0	(\$2,456,595)	(\$2,456,595)
Subtotal Pipeline Storage	(1,365,000)	0	(1,365,000)			\$0	(\$7,132,489)	(\$7,132,489)
	(2,385,000)	0	(2,385,000)			\$0	(\$11,961,330)	(\$11,961,330)
July-22								
Company	(1,069,500)	0	(1,069,500)		\$4.8398	\$0	(\$5,176,204)	(\$5,176,204)
Subtotal Company	(1,069,500)	0	(1,069,500)			\$0	(\$5,176,204)	(\$5,176,204)
Panhandle	(930,000)	0	(930,000)		\$5.3410	\$0	(\$4,967,105)	(\$4,967,105)
ANR	(480,500)	0	(480,500)		\$5.4397	\$0	(\$2,613,774)	(\$2,613,774)
Subtotal Pipeline Storage	(1,410,500)	0	(1,410,500)			\$0	(\$7,580,879)	(\$7,580,879)
	(2,480,000)	0	(2,480,000)			\$0	(\$12,757,083)	(\$12,757,083)
August-22								
Company	(1,069,500)	0	(1,069,500)		\$4.8359	\$0	(\$5,171,948)	(\$5,171,948)
Subtotal Company	(1,069,500)	0	(1,069,500)			\$0	(\$5,171,948)	(\$5,171,948)
Panhandle	(930,000)	0	(930,000)		\$5.3294	\$0	(\$4,956,375)	(\$4,956,375)
ANR	(480,500)	0	(480,500)		\$5.4558	\$0	(\$2,621,499)	(\$2,621,499)
Subtotal Pipeline Storage	(1,410,500)	0	(1,410,500)			\$0	(\$7,577,874)	(\$7,577,874)
	(2,480,000)	0	(2,480,000)			\$0	(\$12,749,822)	(\$12,749,822)
Grand Total	(7,345,000)	0	(7,345,000)			\$0	(\$37,468,235)	(\$37,468,235)

CENTERPOINT ENERGY INDIANA NORTH
CALCULATION OF ACTUAL GAS COST VARIANCE
October 2021

Line No.	GAS COST RECOVERED	Rate Class 210	Rate Class 220/229	Rate Class 240	Total
(1)	Sales - Dth	A3 1,560,989	851,862	11,988	2,424,839
(2)	GCA (without IURT) from GCA151				
(a)	Demand Cost Component (Sch 1, Line 21)	A2 \$1.377	\$1.377	\$0.559	
(b)	Commodity Cost Component (Sch 1, Line 17)	\$6.259	\$6.259	\$6.259	
(c)	Total	\$7.636	\$7.636	\$6.818	
(3)	Cost of Gas Recovered (without IURT)				
(a)	Demand Costs (Line 1 * Line 2a)	\$2,149,482	\$1,173,014	\$6,701	\$3,329,197
(b)	Commodity Costs Recovered (Line 1 * Line 2b)	\$9,770,233	\$5,331,802	\$75,034	\$15,177,069
(c)	Total Gas Costs Recovered	\$11,919,715	\$6,504,816	\$81,735	\$18,506,266
GAS COST TO BE RECOVERED					
(4)	Actual Demand Costs Incurred (Sch 7 Line 5)				
(a)	Purchased Gas Cost Demand				\$4,215,524
(b)	Storage Demand				448,381
(c)	Total				\$4,663,905
(5)	Demand Variance from GCA151 (Sch 12B, Line 13b)				\$35,781 A1
(6)	Total Demand Costs to be Recovered (Line 4c + Line 5)				\$4,699,686
(7)	Actual Commodity Cost Incurred (Sch 7, Line 6b)				\$10,214,351
(8)	Commodity Variance from GCA151 (Sch 12C, Line 13b)				\$6,671,172 A1
(9)	Commodity Refunds From GCA151 (Sch 12A, L12b)				(\$1,391) A1
(10)	Total Commodity Costs Incurred (Line 7 + Line 8 + Line 9)				\$16,884,132
DETERMINATION OF THE GAS COST VARIANCES					
(11)	Gas Cost Variance Representing (Over)/Under Recovery				
(a)	Total Demand Variance (Over)/Under Recovery (Line 6 - Line 3a)				\$1,370,489
(b)	Total Commodity Variance (Over)/Under Recovery (Line 10 - Line 3b)				\$1,707,063
(c)	Total Gas Cost Variance (Line 11a + Line 11b)				\$3,077,552
(12)	% of (Over)/Under Recovery to Costs (Line 11c / (Line 4c + Line 7))				20.68%

Financial Close Month

Jan-22

Cause No. 37394-GCA154
44562

FINAL

VECTREN NORTH
CALCULATION OF ACTUAL GAS COST VARIANCE
November 2021Schedule 6
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Line No.	GAS COST RECOVERED	Rate Class 210	Rate Class 220/229	Rate Class 240	Total
(1)	Sales - Dth	A3 5,576,458	2,243,639	21,208	7,841,305
(2)	GCA (without IURT) from GCA151				
(a)	Demand Cost Component (Sch 1, Line 21)	A2 \$1.377	\$1.377	\$0.559	
(b)	Commodity Cost Component (Sch 1, Line 17)	\$5.717	\$5.717	\$5.717	
(c)	Total	\$7.094	\$7.094	\$6.276	
(3)	Cost of Gas Recovered (without IURT)				
(a)	Demand Costs (Line 1 * Line 2a)	\$7,678,783	\$3,089,491	\$11,855	\$10,780,129
(b)	Commodity Costs Recovered (Line 1 * Line 2b)	\$31,880,613	\$12,826,883	\$121,247	\$44,828,743
(c)	Total Gas Costs Recovered	\$39,559,396	\$15,916,374	\$133,102	\$55,608,872
GAS COST TO BE RECOVERED					
(4)	Actual Demand Costs Incurred (Sch 7 Line 5)				
(a)	Purchased Gas Cost Demand				\$5,779,324
(b)	Storage Demand				1,252,844
(c)	Total				\$7,032,168
(5)	Demand Variance from GCA151, (Sch 12B, L 13c)				\$115,948 A1
(6)	Total Demand Costs to be Recovered (Line 4c + Line 5)				\$7,148,116
(7)	Actual Commodity Cost Incurred (Sch 7, Line 6b)				\$36,777,402
(8)	Commodity Variance from GCA151, (Sch 12C, Line 13c)				\$10,638,785 A1
(9)	Commodity Refunds From GCA151 (Sch 12A, L 12c)				(\$3,597) A1
(10)	Total Commodity Costs Incurred (Line 7 + Line 8 + Line 9)				\$47,412,590
DETERMINATION OF THE GAS COST VARIANCES					
(11)	Gas Cost Variance Representing (Over)/Under Recovery				
(a)	Total Demand Variance (Over)/Under Recovery (Line 6 - Line 3a)				(\$3,632,013)
(b)	Total Commodity Variance (Over)/Under Recovery (Line 10 - Line 3b)				\$2,583,847
(c)	Total Gas Cost Variance (Line 11a + Line 11b)				(\$1,048,166)
(12)	% of (Over)/Under Recovery to Costs (Line 11c / (Line 4c + Line 7))				-2.39%

VECTREN NORTH
CALCULATION OF ACTUAL GAS COST VARIANCE
December 2021

Line No.	GAS COST RECOVERED	Rate Class 210	Rate Class 220/229	Rate Class 240	Total
(1)	Sales - Dth	A3 5,939,519	2,658,411	20,450	8,618,379
(2)	GCA (without IURT) from GCA152				
	(a) Demand Cost Component (Sch 1, Line 21)	A2 \$0.605	\$0.605	\$0.256	
	(b) Commodity Cost Component (Sch 1, Line 17)	\$5.574	\$5.574	\$5.574	
	(c) Total	\$6.179	\$6.179	\$5.830	
(3)	Cost of Gas Recovered (without IURT)				
	(a) Demand Costs (Line 1 * Line 2a)	\$3,593,409	\$1,608,339	\$5,235	\$5,206,983
	(b) Commodity Costs Recovered (Line 1 * Line 2b)	\$33,106,878	\$14,817,983	\$113,986	\$48,038,847
	(c) Total Gas Costs Recovered	\$36,700,287	\$16,426,322	\$119,221	\$53,245,830
GAS COST TO BE RECOVERED					
(4)	Actual Demand Costs Incurred (Sch 7 Line 5)				
	(a) Purchased Gas Cost Demand				\$5,889,983
	(b) Storage Demand				1,252,844
	(c) Total				\$7,142,827
(5)	Demand Variance from GCA152, (Sch 12B, L 13a)				\$271,424 A1
(6)	Total Demand Costs to be Recovered (Line 4c + Line 5)				\$7,414,251
(7)	Actual Commodity Cost Incurred (Sch 7, Line 6b)				\$34,917,573
(8)	Commodity Variance from GCA152, (Sch 12C, Line 13a)				\$14,379,646 A1
(9)	Commodity Refunds From GCA152 (Sch 12A, L12a)				(\$8,268) A1
(10)	Total Commodity Costs Incurred (Line 7 + Line 8 + Line 9)				\$49,288,951
DETERMINATION OF THE GAS COST VARIANCES					
(11)	Gas Cost Variance Representing (Over)/Under Recovery				
	(a) Total Demand Variance (Over)/Under Recovery (Line 6 - Line 3a)				\$2,207,268
	(b) Total Commodity Variance (Over)/Under Recovery (Line 10 - Line 3b)				\$1,250,104
	(c) Total Gas Cost Variance (Line 11a + Line 11b)				\$3,457,372
(12)	% of (Over)/Under Recovery to Costs (Line 11c / (Line 4c + Line 7))				8.22%

CENTERPOINT ENERGY INDIANA NORTH
CALCULATION OF ACTUAL GAS COST VARIANCE
October 2021

FINAL

Line No.	COMPANY USE GAS COSTS RECOVERED	Rate 225	Rate 245	Rate 260	Rate 270	Total
(1)	Transportation - Dth	A4 89,321	732,235	3,471,313	1,760,672	6,053,541
(2)	GCA (without IURT) from GCA151	A2				
	(a) Company Use Cost Component (Sch 1, Line 54)	\$0.004	\$0.004	\$0.004	\$0.004	
TUP						
(3)	Cost of Gas Recovered (without IURT)					
GE FILE #	(a) Company Use Costs Recovered (Line 1 * Line 2a)	\$357	\$2,929	\$13,885	\$7,043	\$24,214
RECONCILIATION MONTHS (A5, A7, A9)						
COMPANY USE GAS COSTS TO BE RECOVERED						
(4)	Actual Company Use Costs Incurred (Sch 9B and 9C, Line 1)					\$30,214
(5)	Company Use Variance from GCA151, (Sch 12E, Line 13b)					\$3,314 A1
(6)	Total Company Use Costs to be Recovered (Line 4 + Line 5)					\$33,528
DETERMINATION OF COMPANY USE GAS COST VARIANCES						
(7)	Total Company Use Cost Variance Representing (Over)/Under Recovery (Line 6 - Line 3a)					\$9,314

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VECTREN NORTH
CALCULATION OF ACTUAL GAS COST VARIANCE
November 2021

FINAL

Schedule 6A
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Line No.	COMPANY USE GAS COSTS RECOVERED	Rate 225	Rate 245	Rate 260	Rate 270	Total
(1)	Transportation - Dth	A4 262,335	1,216,548	4,106,617	1,934,729	7,520,229
(2)	GCA (without IURT) from GCA151	A2				
(a)	Company Use Cost Component (Sch 1, Line 54)	\$0.004	\$0.004	\$0.004	\$0.004	
(3)	Cost of Gas Recovered (without IURT)					
(a)	Company Use Costs Recovered (Line 1 * Line 2a)	\$1,049	\$4,866	\$16,426	\$7,739	\$30,080
COMPANY USE GAS COSTS TO BE RECOVERED						
(4)	Actual Company Use Costs Incurred (Sch 9B and 9C, Line 2)					\$21,239
(5)	Company Use Variance from GCA151, (Sch 12E, Line 13c)					\$3,340 A1
(6)	Total Company Use Costs to be Recovered (Line 4 + Line 5)					\$24,579
DETERMINATION OF COMPANY USE GAS COST VARIANCES						
(7)	Total Company Use Cost Variance Representing (Over)/Under Recovery (Line 6 - Line 3a)					(\$5,501)

Jan-22

VECTREN NORTH
 CALCULATION OF ACTUAL GAS COST VARIANCE
 December 2021 FINAL

Schedule 6A
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Line No.	COMPANY USE GAS COSTS RECOVERED	Rate 225	Rate 245	Rate 260	Rate 270	Total
(1)	Transportation - Dth A4	277,646	1,068,761	4,185,151	1,790,628	7,322,186
(2)	GCA (without IURT) from GCA152					
(a)	Company Use Cost Component (Sch 1, Line 54) A2	\$0.007	\$0.007	\$0.007	\$0.007	
(3)	Cost of Gas Recovered (without IURT)					
(a)	Company Use Costs Recovered (Line 1 * Line 2a)	\$1,944	\$7,481	\$29,296	\$12,534	\$51,255
COMPANY USE GAS COSTS TO BE RECOVERED						
(4)	Actual Company Use Costs Incurred (Sch 9B and 9C, Line 3)					\$28,889
(5)	Company Use Variance from GCA152, (Sch 12E, Line 13a) A1					\$4,644
(6)	Total Company Use Costs to be Recovered (Line 4 + Line 5)					\$33,533
DETERMINATION OF COMPANY USE GAS COST VARIANCES						
(7)	Total Company Use Cost Variance Representing (Over)/Under Recovery (Line 6 - Line 3a)					(\$17,722)

VECTREN NORTH
12 MONTH ROLLING AVERAGES
SCHEDULE 6 SUPPLEMENT

As Filed		GCA 150			GCA 151			GCA 152			GCA 153			GCA 154		
<u>Details by Month</u>		Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
1	Demand Variance (Sch 6, Ln 11a)	(\$272,964)	(\$799,455)	\$1,275,258	\$342,202	(\$354,100)	(\$1,342,778)	(\$247,535)	\$1,011,218	(\$378,599)	\$48,103	\$89,225	\$2,032,792	\$1,370,489	(\$3,632,013)	\$2,207,268
2	Commodity Variance (Sch 6, Ln 11b)	(\$251,287)	(\$1,912,138)	\$3,512,475	\$3,768,365	\$99,186,573	(\$1,067,953)	\$854,816	(\$387,488)	\$412,371	(\$449,981)	(\$396,079)	\$773,160	\$1,707,063	\$2,583,847	\$1,250,104
3	Total (Over)/Under Recovery (Sch 6, Ln 11c)	(\$524,251)	(\$2,711,593)	\$4,787,733	\$4,110,567	\$98,832,473	(\$2,410,731)	\$607,081	\$623,730	\$33,772	(\$401,878)	(\$306,854)	\$2,805,952	\$3,077,552	(\$1,048,166)	\$3,457,372
4	Demand Costs (Sch 6, Ln 4c)	\$4,741,085	\$7,109,194	\$7,737,076	\$7,736,852	\$7,454,292	\$6,260,027	\$4,384,673	\$3,788,108	\$3,738,797	\$3,776,960	\$3,790,956	\$3,742,201	\$4,663,905	\$7,032,168	\$7,142,827
5	Commodity Costs (Sch 6, Ln 7)	\$7,448,992	\$14,398,047	\$29,515,395	\$33,953,654	\$133,018,096	\$17,724,790	\$11,457,287	\$7,126,658	\$3,789,612	\$3,097,140	\$3,218,713	\$4,746,275	\$10,214,351	\$36,777,402	\$34,917,573
6	Total Demand & Commodity Costs	\$12,190,077	\$21,507,241	\$37,252,471	\$41,690,506	\$140,472,388	\$23,984,817	\$15,841,960	\$10,914,766	\$7,528,409	\$6,874,100	\$7,009,669	\$8,488,476	\$14,878,256	\$43,809,570	\$42,060,400
7	% of (Over)/Under Recovery to Costs	-4.30%	-12.61%	12.85%	9.86%	70.36%	-10.05%	3.83%	5.71%	0.45%	-5.85%	-4.38%	33.06%	20.68%	-2.39%	8.22%
<u>GCA 154 Totals</u>																
8	GCA 154 (Over)/Under Recovery (Line 3)															\$5,486,758
9	GCA 154 Demand & Commodity Costs (Line 6)															\$100,748,226
10	GCA 154 % of (Over)/Under Recovery to Costs															5.45%
<u>12 Month Rolling Averages</u>																
11	Avg (Over)/Under Recovery (Line 3)													\$9,087,317	\$9,225,936	\$9,115,072
12	Avg Demand & Commodity Costs (Line 6)													\$28,036,921	\$29,895,449	\$30,296,110
13	% of (Over)/Under Recovery to Costs													32.41%	30.86%	30.09%

CENTERPOINT ENERGY INDIANA NORTH
DETERMINATION OF ACTUAL GAS COST
For The Period October 2021 Through December 2021

Line No.		FINAL	FINAL	FINAL	TOTAL
		October 2021	November 2021	December 2021	
(1)	Purchased Gas Cost (Schedule 8):				
	(a) Demand Costs (Sch. 8, Pg. 2, Col. H)	\$4,215,524	\$5,779,324	\$5,889,983	\$15,884,832
	(b) Commodity & Other Costs (Sch. 8, Pg. 1, Col. P)	\$23,060,676	\$35,907,176	\$27,013,458	\$85,981,310
(2)	Total Purchased Gas Cost	\$27,276,200	\$41,686,500	\$32,903,441	\$101,866,142
(3)	Contract Storage and Related Transportation Cost (Schedule 9)				
	(a) Demand (Sch. 9, Col. J)	\$448,381	\$1,252,844	\$1,252,844	\$2,954,069
	(b) Commodity (Sch. 9, Col. K+L+M+N+O)	51,203	41,347	89,096	181,646
	(c) Total Contract Storage Cost	\$499,584	\$1,294,191	\$1,341,940	\$3,135,715
(4)	Cost of Gas (Injected Into) / Withdrawn From Storage (Schedule 10)				
	(a) Demand (Sch. 10, Col. H)	\$0	\$0	\$0	\$0
	(b) Commodity (Sch. 10, Col. I)	(12,867,314)	850,118	7,843,908	(4,173,288)
	(c) Total Cost of Storage Activity (L4a + L4b)	(\$12,867,314)	\$850,118	\$7,843,908	(\$4,173,288)
	Net Cost of Gas Totals:				
(5)	Demand				
	(a) Purchased Gas Cost (L 1a)	\$4,215,524	\$5,779,324	\$5,889,983	\$15,884,832
	(b) Storage Demand (L 3a)	448,381	1,252,844	1,252,844	2,954,069
	(c) Total Demand	\$4,663,905	\$7,032,168	\$7,142,827	\$18,838,901
(6)	Commodity (Line Nos. 1b + 3b + 4b)	\$10,244,565	\$36,798,641	\$34,946,462	\$81,989,668
	(a) Less: Transportation Company Use Costs (Sch. 6A, L 4)	\$30,214	\$21,239	\$28,889	\$80,342
	(b) Commodity Less Transportation Company Use Costs (L 6 - L 6(a))	\$10,214,351	\$36,777,402	\$34,917,573	\$81,909,326
(7)	Net (Line Nos. 5c + 6b)	\$14,878,256	\$43,809,570	\$42,060,400	\$100,748,227

October 2021 FINAL

Line No.	Supplier	MMBTU By Pipeline						Other (G)	Col (A) to (F)	Col (O)/(G)	Purchases By Pipeline						Other (O)	Col (J) to (O)	Net
		PEPL (A)	ANR (B)	TGT (C)	MGJ (D)	TETCO (E)	REX (F)		Total Purchased (MMBTU) (H)	Commodity Rate (\$/MMBTU) (I)	PEPL (J)	ANR (K)	TGT (L)	MGJ (M)	TETCO (N)	REX (O)		Total Invoiced / Cost (P)	Transport Quantities Received (Q)
A7c 1	TENASKA - PURCHASED GAS	1,750,330	633,156	983,094	5,020	1,550	985,145	0	4,358,295	\$4,6292	\$7,015,557	\$3,390,295	\$5,136,893	\$27,958	\$8,804	\$4,595,726	\$0	\$20,175,231	4,210,261
A8 2	ASSET MANAGER - DELIV SERV VAR	0	0	0	0	0	0	0	0	\$0.0000	\$87,483	\$7,371	\$44,451	\$40	\$0	\$23,875	\$0	\$163,220	0
A9 3	CONOCO PHILLIPS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A7c 4	BoA / MERRILL LYNCH	230,000	0	0	0	0	0	0	230,000	\$4,4620	\$1,026,250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,026,250	221,846
A7c 5	BP CANADA	0	0	0	0	0	930,000	0	930,000	\$5,6610	\$0	\$0	\$0	\$0	\$0	\$5,171,730	\$0	\$5,171,730	930,000
A7c 6	GAS HEDGING COSTS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,445,240)	0
A10 7	TGT-NNS	0	0	(423,568)	0	0	0	0	(423,568)	\$2,5089	\$0	\$0	(\$1,062,690)	\$0	\$0	\$0	\$0	(\$1,062,690)	(423,568)
A11 8	CASH-OUT END USERS	0	0	0	0	0	0	6,861	6,861	\$4,0352	\$0	\$0	\$0	\$0	\$0	\$27,686	\$0	\$27,686	6,861
A7/A8/A9 9	TGT/MTG CASH-OUTS	0	0	0	685	0	0	0	685	\$6,4846	\$0	\$0	\$0	\$4,442	\$0	\$0	\$0	\$4,442	685
A7/A9 10	TETCO CASH-OUTS	0	0	0	0	9	0	0	9	\$5,1680	\$0	\$0	\$0	\$0	\$47	\$0	\$0	\$47	9
11	TRANSPORT ADJUSTMENT	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
12	INTERIM SUPPLY SERVICE GAS FOR TRANSPORT CUSTOMERS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
SUBTOTAL									5,102,282	\$4,5197								\$23,060,676	4,946,094
A8 13	LP GAS PRODUCED	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
14	MONTHLY SUBTOTAL									5,102,282	\$4,5197							\$23,060,676	4,946,094

November 2021 FINAL

Line No.	Supplier	MMBTU By Pipeline						Other (G)	Col (A) to (F)	Col (O)/(G)	Purchases By Pipeline						Other (O)	Col (J) to (O)	Net
		PEPL (A)	ANR (B)	TGT (C)	MGJ (D)	TETCO (E)	REX (F)		Total Purchased (MMBTU) (H)	Commodity Rate (\$/MMBTU) (I)	PEPL (J)	ANR (K)	TGT (L)	MGJ (M)	TETCO (N)	REX (O)		Total Invoiced / Cost (P)	Transport Quantities Received (Q)
A7c 1	TENASKA - PURCHASED GAS	704,062	1,560,093	2,272,079	14,383	3,000	2,734,096	0	7,287,723	\$5,0912	\$3,313,923	\$7,800,657	\$10,919,834	\$73,470	\$17,970	\$14,977,877	\$0	\$37,103,431	7,181,534
A8 2	ASSET MANAGER - DELIV SERV VAR	0	0	0	0	0	0	0	0	\$0.0000	\$41,509	\$18,152	\$100,826	\$113	\$0	\$44,422	\$0	\$205,032	0
A9 3	CONOCO PHILLIPS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A7c 4	BoA / MERRILL LYNCH	230,000	0	0	0	0	0	0	230,000	\$4,4620	\$1,026,250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,026,250	223,160
A7c 5	BP CANADA	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A7c 6	GAS HEDGING COSTS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A10 7	TGT-NNS	0	0	162,551	0	0	0	0	162,551	\$3,7480	\$0	\$0	\$609,241	\$0	\$0	\$0	(\$2,748,480)	\$509,241	162,551
A11 8	CASH-OUT END USERS	0	0	0	0	0	0	(37,687)	(37,687)	\$7,9716	\$0	\$0	\$0	\$0	\$0	\$0	(\$300,423)	(\$300,423)	(37,687)
A7/A8/A9 9	TGT/MTG CASH-OUTS	0	0	0	1,384	0	0	0	1,384	\$6,4454	\$0	\$0	\$0	\$8,920	\$0	\$0	\$0	\$8,920	1,384
A7/A9 10	TETCO CASH-OUTS	0	0	0	0	693	0	0	693	\$4,6240	\$0	\$0	\$0	\$0	\$3,204	\$0	\$0	\$3,204	693
11	TRANSPORT ADJUSTMENT	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
12	INTERIM SUPPLY SERVICE GAS FOR TRANSPORT CUSTOMERS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
SUBTOTAL									7,844,664	\$4,6970								\$35,907,176	7,531,635
A8 13	LP GAS PRODUCED	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
14	MONTHLY SUBTOTAL									7,844,664	\$4,6970							\$35,907,176	7,531,635

December 2021 FINAL

Line No.	Supplier	MMBTU By Pipeline						Other (G)	Col (A) to (F)	Col (O)/(G)	Purchases By Pipeline						Other (O)	Col (J) to (O)	Net
		PEPL (A)	ANR (B)	TGT (C)	MGJ (D)	TETCO (E)	REX (F)		Total Purchased (MMBTU) (H)	Commodity Rate (\$/MMBTU) (I)	PEPL (J)	ANR (K)	TGT (L)	MGJ (M)	TETCO (N)	REX (O)		Total Invoiced / Cost (P)	Transport Quantities Received (Q)
A7c 1	TENASKA - PURCHASED GAS	66,869	1,169,726	1,708,710	9,036	3,100	2,790,232	0	5,747,793	\$4,6591	\$232,503	\$6,104,865	\$7,202,787	\$30,868	\$16,337	\$14,182,052	\$0	\$26,779,413	5,641,697
A8 2	ASSET MANAGER - DELIV SERV VAR	0	0	0	0	0	0	0	0	\$0.0000	\$13,198	\$13,017	\$83,927	\$71	\$0	\$57,130	\$0	\$167,944	0
A9 3	CONOCO PHILLIPS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A7c 4	BoA / MERRILL LYNCH	230,000	0	0	0	0	0	0	230,000	\$4,4620	\$1,026,250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,026,250	223,179
A7c 5	BP CANADA	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
A7c 6	GAS HEDGING COSTS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,114,280)	(\$2,114,280)	0
A10 7	TGT-NNS	0	0	208,945	0	0	0	0	208,945	\$3,5100	\$0	\$0	\$733,397	\$0	\$0	\$0	\$0	\$733,397	208,945
A11 8	CASH-OUT END USERS	0	0	0	0	0	0	179,884	179,884	\$2,2811	\$0	\$0	\$0	\$0	\$0	\$0	\$410,341	\$410,341	179,884
A7/A8/A9 9	TGT/MTG CASH-OUTS	0	0	0	1,110	0	0	0	1,110	\$5,6013	\$0	\$0	\$0	\$6,217	\$0	\$0	\$0	\$6,217	1,110
A7/A9 10	TETCO CASH-OUTS	0	0	0	0	1,183	0	0	1,183	\$3,5280	\$0	\$0	\$0	\$0	\$4,175	\$0	\$0	\$4,175	1,183
11	TRANSPORT ADJUSTMENT	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
12	INTERIM SUPPLY SERVICE GAS FOR TRANSPORT CUSTOMERS	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
SUBTOTAL									6,368,915	\$4,2415								\$27,013,458	6,255,988
A8 13	LP GAS PRODUCED	0	0	0	0	0	0	0	0	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
14	MONTHLY SUBTOTAL									6,368,915	\$4,2415							\$27,013,458	6,255,988
15	QUARTERLY TOTAL									19,115,861	\$4,4979							\$85,981,310	18,733,727

Line No.	DEMAND	PEPL (A)	ANR (B)	TGT (C)	MG1 (D)	TETCO (E)	REX (F)	Other (G)	Total Invoiced Billing (H)
1	ASSET MANAGER - PIPELINE DEMAND CHARGES	\$1,613,037	\$229,377	\$1,674,393	\$9,939	\$0	\$1,058,500	\$0	\$4,585,247
2	ASSET MANAGER - PENALTY CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	ASSET MANAGER - UTILIZATION FEE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	ASSET MANAGER - OVERRUN CHARGES & PENALTY CREDITS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	ASSET MANAGER - STORAGE SURCHARGE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	ASSET MANAGER - INCREMENTAL RESERVATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL									\$4,215,524

Line No.	DEMAND	PEPL (A)	ANR (B)	TGT (C)	MG1 (D)	TETCO (E)	REX (F)	Other (G)	Total Invoiced Billing (H)
1	ASSET MANAGER - PIPELINE DEMAND CHARGES	\$1,912,790	\$229,377	\$2,208,439	\$9,939	\$0	\$1,788,500	\$0	\$6,149,046
2	ASSET MANAGER - PENALTY CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	ASSET MANAGER - UTILIZATION FEE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	(\$369,722)	(\$369,722)
4	ASSET MANAGER - OVERRUN CHARGES & PENALTY CREDITS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	ASSET MANAGER - STORAGE SURCHARGE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	ASSET MANAGER - INCREMENTAL RESERVATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL									\$5,779,324

Line No.	DEMAND	PEPL (A)	ANR (B)	TGT (C)	MG1 (D)	TETCO (E)	REX (F)	Other (G)	Total Invoiced Billing (H)
1	ASSET MANAGER - PIPELINE DEMAND CHARGES	\$1,949,835	\$229,377	\$2,282,054	\$9,939	\$0	\$1,788,500	\$0	\$6,259,705
2	ASSET MANAGER - PENALTY CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	ASSET MANAGER - UTILIZATION FEE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	ASSET MANAGER - OVERRUN CHARGES & PENALTY CREDITS	\$0	\$0	\$0	\$0	\$0	\$0	(\$369,722)	(\$369,722)
5	ASSET MANAGER - STORAGE SURCHARGE CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	ASSET MANAGER - INCREMENTAL RESERVATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL									\$5,889,983

CENTERPOINT ENERGY INDIANA NORTH
WEIGHTED AVERAGE COST OF GAS DETAILS
SCHEDULE B SUPPLEMENT

A7e or Sch 8														
Line No.		Supplier	October 2021			November 2021			December 2021			Total GCA 154		
			Volume	Price	Extension	Volume	Price	Extension	Volume	Price	Extension	Volume	Average Price	Extension
PEPL AREA:														
1	FIXED - SHORT TERM	Tenaska	775,000	\$ 2.4470	\$ 1,896,425	-	\$ -	\$ -	-	\$ -	\$ -	775,000	\$ 2.4470	\$ 1,896,425
2	INDEXED - FIRST OF MONTH	Tenaska	449,965	\$ 5.4000	\$ 2,429,811	-	\$ -	\$ -	-	\$ -	\$ -	449,965	\$ 5.4000	\$ 2,429,811
3	INDEXED - INTRA-DAY DELIVER	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
4	INDEXED - DAILY	Tenaska	525,365	\$ 5.1190	\$ 2,689,321	704,062	\$ 4.7069	\$ 3,313,923	66,989	\$ 3.4708	\$ 232,503	1,296,416	\$ 4.8100	\$ 6,235,748
5	FIXED - LONG TERM	Conoco Phillips	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
6	FIXED - LONG TERM	BoA / Merrill Lynch	230,000	\$ 4.4620	\$ 1,026,250	230,000	\$ 4.4620	\$ 1,026,250	330,000	\$ 4.4620	\$ 1,468,250	690,000	\$ 4.4620	\$ 3,078,750
7	FIXED - LONG TERM	BP Canada	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
8	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ 87,480	-	\$ -	\$ 41,600	-	\$ -	\$ 13,189	-	\$ -	\$ 142,191
9	TOTAL COMMODITY		1,980,330	\$ 4.1050	\$ 8,129,290	934,062	\$ 4.6910	\$ 4,381,683	296,989	\$ 4.2828	\$ 1,271,952	3,211,381	\$ 4.2919	\$ 13,782,925
10	DEMAND		-	\$ -	\$ 1,613,037	-	\$ -	\$ 1,912,700	-	\$ -	\$ 1,869,836	-	\$ -	\$ 5,475,662
11	TOTAL PEPL		1,980,330	\$ 4.9195	\$ 9,742,327	934,062	\$ 6.7388	\$ 6,294,473	296,989	\$ 10.8482	\$ 3,221,787	3,211,381	\$ 5.9970	\$ 19,258,587
ANR AREA:														
12	FIXED - SHORT TERM	Tenaska	-	\$ -	\$ -	450,000	\$ 5.6400	\$ 2,538,000	465,000	\$ 5.6400	\$ 2,622,600	915,000	\$ 5.6400	\$ 5,160,600
13	INDEXED - INTRA-DAY DELIVER	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
14	INDEXED - DAILY	Tenaska	352,761	\$ 5.2708	\$ 1,859,338	1,110,093	\$ 4.7406	\$ 5,262,557	704,726	\$ 3.5223	\$ 2,482,265	2,167,580	\$ 4.4308	\$ 9,604,160
15	INDEXED - FIRST OF MONTH	Tenaska	280,395	\$ 5.4600	\$ 1,530,957	-	\$ -	\$ -	-	\$ -	\$ -	280,395	\$ 5.4600	\$ 1,530,957
16	OTHER	Tenaska Supplier Reservation Costs	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
17	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ 7,371	-	\$ -	\$ 10,182	-	\$ -	\$ 13,517	-	\$ -	\$ 39,150
18	OTHER	Transport Adjustment	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
19	TOTAL COMMODITY		633,156	\$ 5.3682	\$ 3,397,666	1,560,093	\$ 5.0117	\$ 7,816,719	1,169,726	\$ 4.3758	\$ 5,118,482	3,362,975	\$ 4.8573	\$ 16,334,867
20	DEMAND		-	\$ -	\$ 229,377	-	\$ -	\$ 229,377	-	\$ -	\$ 229,377	-	\$ -	\$ 688,131
21	TOTAL ANR		633,156	\$ 5.7285	\$ 3,627,043	1,560,093	\$ 5.1687	\$ 8,048,096	1,169,726	\$ 4.5719	\$ 5,347,859	3,362,975	\$ 5.0619	\$ 17,022,998
TGT AREA:														
22	INDEXED - FIRST OF MONTH	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
23	FIXED - SHORT TERM	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	620,000	\$ 5.3250	\$ 3,301,500	620,000	\$ 5.3250	\$ 3,301,500
24	INDEXED - DAILY	Tenaska	983,094	\$ 5.2252	\$ 5,136,893	2,272,079	\$ 4.8061	\$ 10,919,834	1,088,710	\$ 3.5834	\$ 3,901,287	4,343,883	\$ 4.5945	\$ 19,958,014
25	STORAGE	TGT No-Notice Storage	(423,598)	\$ 2.5089	\$ (1,062,690)	162,551	\$ 3.7480	\$ 609,241	208,945	\$ 3.5100	\$ 733,397	(52,072)	\$ (5,3762)	\$ 279,948
26	INDEXED - MIXED	TGT Cash-Outs	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
27	OTHER	TGT Transportation - White River	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
28	OTHER	Tenaska Supplier Reservation Costs	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
29	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ 44,451	-	\$ -	\$ 100,826	-	\$ -	\$ 63,071	-	\$ -	\$ 229,203
30	TOTAL COMMODITY		559,526	\$ 7.3610	\$ 4,118,654	2,434,630	\$ 4.7769	\$ 11,629,901	1,917,655	\$ 4.1822	\$ 6,820,111	4,911,811	\$ 4.8391	\$ 23,768,666
31	DEMAND		-	\$ -	\$ 1,674,392	-	\$ -	\$ 2,208,439	-	\$ -	\$ 2,282,054	-	\$ -	\$ 6,164,886
32	TOTAL TGT		559,526	\$ 10.3535	\$ 5,793,047	2,434,630	\$ 5.6840	\$ 13,838,340	1,917,655	\$ 5.3723	\$ 10,302,165	4,911,811	\$ 6.0942	\$ 29,933,552
MGT AREA:														
33	INDEXED - DAILY	Tenaska	5,020	\$ 5.5690	\$ 27,956	14,393	\$ 5.1045	\$ 73,470	9,036	\$ 3.4161	\$ 30,868	28,449	\$ 4.6502	\$ 132,294
34	INDEXED - MIXED	MGT Cash-Outs	985	\$ 6.4846	\$ 6,442	1,388	\$ 6.4454	\$ 8,920	1,110	\$ 5.6013	\$ 6,217	3,179	\$ 6.1591	\$ 19,580
35	FIXED - SHORT TERM	Tenaska Supplier Reservation Costs	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
36	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ 40	-	\$ -	\$ 113	-	\$ -	\$ 73	-	\$ -	\$ 224
37	TOTAL COMMODITY		5,705	\$ 5.8859	\$ 32,438	15,777	\$ 5.2293	\$ 82,503	10,146	\$ 3.6622	\$ 37,156	31,628	\$ 4.8090	\$ 152,098
38	DEMAND		-	\$ -	\$ 9,339	-	\$ -	\$ 9,939	-	\$ -	\$ 9,939	-	\$ -	\$ 29,818
39	TOTAL MGT		5,705	\$ 7.4281	\$ 42,377	15,777	\$ 5.8593	\$ 92,443	10,146	\$ 4.6418	\$ 47,096	31,628	\$ 5.7517	\$ 181,915
TETCO AREA:														
40	INDEXED - FIRST OF MONTH	Tenaska	1,550	\$ 5.6800	\$ 8,804	3,000	\$ 5.9900	\$ 17,970	3,100	\$ 5.2700	\$ 16,337	7,650	\$ 5.6354	\$ 43,111
41	INDEXED - DAILY	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
42	INDEXED - MIXED	TETCO Cash-Outs	9	\$ 5.1680	\$ 47	393	\$ 4.6240	\$ 3,204	1,183	\$ 3.5290	\$ 4,175	1,885	\$ 3.9394	\$ 7,426
43	OTHER	Tenaska Supplier Reservation Costs	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
44	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
45	TOTAL COMMODITY		1,559	\$ 5.6770	\$ 8,851	3,693	\$ 5.7337	\$ 21,174	4,283	\$ 4.7891	\$ 20,512	9,535	\$ 5.3001	\$ 50,537
46	DEMAND		-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
47	TOTAL TETCO		1,559	\$ 5.6770	\$ 8,851	3,693	\$ 5.7337	\$ 21,174	4,283	\$ 4.7891	\$ 20,512	9,535	\$ 5.3001	\$ 50,537
REX AREA:														
48	INDEXED - DAILY	Tenaska	985,145	\$ 4.6550	\$ 4,595,726	334,096	\$ 4.6339	\$ 1,548,177	310,232	\$ 3.1435	\$ 975,202	1,629,473	\$ 4.3690	\$ 7,119,106
49	INDEXED - FIRST OF MONTH	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
50	FIXED - SHORT TERM	Tenaska	-	\$ -	\$ -	1,500,000	\$ 5.3170	\$ 7,975,500	1,550,000	\$ 5.3170	\$ 8,241,350	3,050,000	\$ 5.3170	\$ 16,216,850
51	FIXED - LONG TERM	BP Canada	330,000	\$ 5.5610	\$ 1,817,730	-	\$ -	\$ -	-	\$ -	\$ -	930,000	\$ 5.5610	\$ 5,171,730
52	INDEXED - INTRA-DAY DELIVER	Tenaska	-	\$ -	\$ -	900,000	\$ 6.0900	\$ 5,454,000	930,000	\$ 5.3500	\$ 4,975,500	1,830,000	\$ 5.6992	\$ 10,429,500
53	OTHER	Tenaska Delivery Service Variables	-	\$ -	\$ 23,875	-	\$ -	\$ 44,422	-	\$ -	\$ 73,130	-	\$ -	\$ 125,427
54	TOTAL COMMODITY		1,915,145	\$ 5.1126	\$ 9,791,331	2,734,096	\$ 5.4944	\$ 15,022,099	2,790,232	\$ 5.1068	\$ 14,249,182	7,439,473	\$ 5.2507	\$ 39,062,513
55	DEMAND		-	\$ -	\$ 1,058,500	-	\$ -	\$ 1,789,500	-	\$ -	\$ 1,789,500	-	\$ -	\$ 4,635,501
56	TOTAL REX		1,915,145	\$ 5.6653	\$ 10,849,832	2,734,096	\$ 6.1485	\$ 16,810,599	2,790,232	\$ 5.7478	\$ 16,037,683	7,439,473	\$ 5.8738	\$ 43,698,114
MISCELLANEOUS:														
57	INDEXED - MIXED	End User Cash Outs	8,861	\$ 4.0352	\$ 35,680	(37,687)	\$ 7.9716	\$ (300,423)	179,884	\$ 2.2811	\$ 410,241	149,058	\$ 0.9232	\$ 137,605
58	INDEXED - MIXED	End User Interim Gas Supply Service Gas	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
59	INDEXED - MIXED	Gas Hedging Costs	-	\$ -	\$ (2,445,240)	-	\$ -	\$ (2,748,480)	-	\$ -	\$ (2,114,280)	-	\$ -	\$ (7,308,000)
60	STORAGE	LP Gas Produced	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
61	OTHER	Tenaska	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
62	TOTAL COMMODITY		8,861	\$ (352,3525)	\$ (2,417,554)	(37,687)	\$ 80.9010	\$ (3,048,903)	179,884	\$ (9,4724)	\$ (1,703,939)	149,058	\$ (48,1047)	\$ (7,170,395)
63	DEMAND		-	\$ -	\$ (369,722)	-	\$ -	\$ (369,722)	-	\$ -	\$ (369,722)	-	\$ -	\$ (1,109,166)
64	TOTAL MISCELLANEOUS		8,861	\$ (406,2385)	\$ (2,787,276)	(37,687)	\$ 90.7114	\$ (3,418,625)	179,884	\$ (11,5278)	\$ (2,073,661)	149,058	\$ (55,5459)	\$ (8,279,562)
TOTAL COMPANY:														
65	FIXED - SHORT TERM		775,000	\$ 2.4470	\$ 1,896,425	1,950,000	\$ 5.3915	\$ 10,513,500	2,635,000	\$ 5.3759	\$ 14,165,450	5,360,000	\$ 4.9581	\$ 26,575,375
66	FIXED - LONG TERM		1,160,000	\$ 5.3431	\$ 6,197,980	230,000	\$ 4.4620	\$ 1,026,250	230,000	\$ 4.4620	\$ 1,026,250	1,620,000	\$ 5.0929	\$ 8,250,480
67	INDEXED - INTRA-DAY DELIVERED		-	\$ -	\$ -	900,000	\$ 6.0600	\$ 5,454,000	930,000	\$ 5.3500	\$ 4,975,500	1,830,000	\$ 5.6992	\$ 10,429,500
68	INDEXED - DAILY		2,851,385	\$ 5.0183	\$ 14,309,235	4,434,723	\$ 4.7620	\$ 21,117,961	2,179,693	\$ 3.4969	\$ 7,622,126	9,465,801	\$ 4.5479	\$ 43,049,322
69	INDEXED - FIRST OF MONTH		731,910	\$ 5.4236	\$ 3,969,572	3,000	\$ 5.9900	\$ 17,970	3,100	\$ 5.2700	\$ 16,337	738,010	\$ 5.4252	\$ 4,003,879
70	INDEXED - MIXED		7,555	\$ (319,3921)	\$ (2,413,065)	(35,610)	\$ 85.2792	\$ (3,036,778)	182,177	\$ (9,2962)	\$ (1,693,546)	154,122	\$ (46,3489)	\$ (7,143,390)
71	STORAGE		(423,598)	\$ 2.5089	\$ (1,062,690)	162,551	\$ 3.7480	\$ 609,241	208,945	\$ 3.5100	\$ 733,397	(52,072)	\$ (5,3762)	\$ 279,948
72	OTHER		-	\$ -	\$ 163,220	-	\$ -	\$ 205,032	-	\$ -	\$ 167,944	-	\$ -	\$ 536,196
73	TOTAL COMMODITY		5,102,282	\$ 4.5197	\$ 23,060,676	7,644,664	\$ 4.6970	\$ 35,907,176	6,368,915	\$ 4.2415	\$ 27,013,458	19,115,861	\$ 4.4979	\$ 85,981,310
74	TOTAL DEMAND		-	\$ -	\$ 4,215,524	-	\$ -	\$ 5,779,324	-	\$ -	\$ 5,889,983	-	\$ -	\$ 15,884,832
75	TOTAL COMPANY		5,102,282	\$ 5.3459	\$ 27,276,200	7,644,664	\$ 5.4530	\$ 41,686,500	6,368,915	\$ 5.1663	\$ 32,903,441	19,115,861	\$ 5.3289	\$ 101,866,141

CENTERPOINT ENERGY INDIANA NORTH
ACTUAL CONTRACT GAS STORAGE AND STORAGE TRANSPORTATION COST
For The Period October 2021 Through December 2021

Month and Supplier	Actual Quantities				Actual Rates					Actual Costs						
	Contract Quantity Demand (Column A)	Injection (B)	Withdrawal (C)	Adjustment (D)	Demand (E)	Injection (F)	Withdrawal (G)	Compressor Fuel (H)	Recycled Fuel (I)	Demand (J)	Injection (K)	Withdrawal (L)	Commodity Adjustments (M)	Compressor Fuel (N)	Recycled Fuel (O)	Total (P)
FINAL																
October 2021																
Monroe City	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
OVH	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
Tenaska	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	448,381	51,203	0	\$0	\$0	\$0	\$499,584
Subtotal		0	0	0						\$448,381	\$51,203	\$0	\$0	\$0	\$0	\$499,584
FINAL																
November 2021																
Monroe City	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
OVH	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
Tenaska	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	1,252,844	41,347	0	\$0	\$0	\$0	\$1,294,190
Subtotal		0	0	0						\$1,252,844	\$41,347	\$0	\$0	\$0	\$0	\$1,294,190
FINAL																
December 2021																
Monroe City	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
OVH	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	0	0	0	\$0	\$0	\$0	\$0
Tenaska	0	0	0	0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	1,252,844	89,096	0	\$0	\$0	\$0	\$1,341,939
Subtotal		0	0	0						\$1,252,844	\$89,096	\$0	\$0	\$0	\$0	\$1,341,939
Total Volume		0	0	0						\$2,954,069	\$181,646	\$0	\$0	\$0	\$0	\$3,135,713

CENTERPOINT ENERGY INDIANA NORTH
DETERMINATION OF STORAGE LOSSES AND ACTUAL COSTS
ATTRIBUTABLE TO TRANSPORTATION CUSTOMERS
For The Period October 2021 Through December 2021

Line No.	Month	Company Storage Injections (Dth) (Sch. 10, Col. A) (A)	Total Storage Losses (Dth) [2] (B)	Allocation to Sales Customers [3] (C)	Allocation to Transportation Customers [4] (D)	Weighted Average Cost of Gas [1] (E)	Amount [5] (F)
1	October 2021	(1,421,286)	(25,761)	(22,103)	(3,658)	\$4.285	\$15,675
2	November 2021	(260,825)	(3,208)	(2,894)	(314)	\$4.761	\$1,495
3	December 2021	(5,294)	(108)	(98)	(10)	\$3.977	\$40
4	QUARTER TOTAL	(1,687,405)	(29,077)	(25,095)	(3,982)		\$17,210

From Workpaper 9B

[1] Sch. 7, Line 6/(Sch. 11, L 6 - L 2d(i) - L5e - L 8).

[2] To Sch. 11, Line 5d.

[3] Col. B * (80% + (20% * (Sch. 6, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total))))

[4] Col. B * (20% * (Sch. 6A, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total)))

[5] To Sch. 6A, Line 4.

CENTERPOINT ENERGY INDIANA NORTH
Reconciliation Storage Losses Workpaper

Line No.	Storage Field	October 2021		November 2021		December 2021	
		Injections (Dth)	Total Storage Losses (Dth)	Injections (Dth)	Total Storage Losses (Dth)	Injections (Dth)	Total Storage Losses (Dth)
1	Wolcott	317,924	3,179	207,257	2,073	-	-
2	Unionville	994,356	19,887	22	-	-	-
3	Hindustan	134,768	2,695	34,693	694	2	-
4	Sellersburg	-	-	22,061	441	5,401	108
5	White River*	-	-	-	-	-	-
6	Monroe City*	-	-	-	-	-	-
7	Total	<u>1,447,048</u>	<u>25,761</u>	<u>264,033</u>	<u>3,208</u>	<u>5,403</u>	<u>108</u>

A25

CENTERPOINT ENERGY INDIANA NORTH
DETERMINATION OF COMPANY USE VOLUMES ATTRIBUTABLE TO TRANSPORTATION CUSTOMERS FOR
STORAGE FIELD AND DISTRIBUTION OPERATIONS
For The Period October 2021 Through December 2021

Line No.	Month	Total (Dth) (A)	Allocation to Sales Customers (B)	Allocation to Transportation Customers (C)	Weighted Average Cost of Gas [1] (D)	Amount [3] (E)
October 2021						
1	Storage Field Operations	628	539 [4]	89 [6]		
2	Distribution Operations	4,653	1,349 [5]	3,304 [7]		
3	Total	A14 5,281 [2]	1,888	3,393	\$4.285	\$14,539
November 2021						
4	Storage Field Operations	337	304 [4]	33 [6]		
5	Distribution Operations	8,396	4,282 [5]	4,114 [7]		
6	Total	A14 8,733 [2]	4,586	4,147	\$4.761	\$19,744
December 2021						
7	Storage Field Operations	1,668	1,515 [4]	153 [6]		
8	Distribution Operations	15,437	8,336 [5]	7,101 [7]		
9	Total	A14 17,105 [2]	9,851	7,254	\$3.977	\$28,849
10	QUARTER TOTAL	31,119	16,325	14,794		63,132

[1] Sch. 7, Line 6/(Sch. 11, L 6 - L 2c(i) - L5e - L 8).

[2] To Sch. 11, Line 5c.

[3] To Sch. 6A, Line 4.

[4] Col. A * (80% + (20% * (Sch. 6, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total))))

[5] Col. A * (Sch. 6, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total))

[6] Col. A * (20% * (Sch. 6A, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total)))

[7] Col. A * (Sch. 6A, L 1 Total/(Sch. 6, L 1 Total + Sch. 6A, L 1 Total))

CENTERPOINT ENERGY INDIANA NORTH
ACTUAL COST OF GAS INJECTED INTO AND WITHDRAWN FROM STORAGE
For The Period October 2021 Through December 2021

Actual Changes in Storage				Rates		Actual Gas Cost		
Month	(Injected)	Withdrawn	Net (Injection) Withdrawal	Injected & Withdrawn		(Injected) & Withdrawn		
	(Column A)	(B)	(C)	Demand (F)	Commodity (G)	Demand (H)	Commodity (I)	Net (J)
October 2021								
Company	(1,421,286)	1	(1,421,285)	\$0.0000	\$4.6624	\$0	(\$6,626,599)	(\$6,626,599)
SCH8 LINE 14P / SCH8 LINE 14Q								
Contract:								
Panhand	(813,562)	0	(813,562)			0	(4,270,062)	(4,270,062)
ANR Pipe	(368,030)	0	(368,030)			0	(1,970,653)	(1,970,653)
Subtotal	(2,602,878)	1	(2,602,877)			\$0	(\$12,867,314)	(\$12,867,314)
November 2021								
Company	(260,825)	174,396	(86,429)	\$0.0000	\$4.7675	\$0	(\$412,050)	(\$412,050)
SCH8 LINE 14P / SCH8 LINE 14Q								
Contract:								
Panhand	0	515,661	515,661			0	1,634,594	1,634,594
ANR Pipe	(78,561)	0	(78,561)			0	(372,426)	(372,426)
Subtotal	(339,386)	690,057	350,671			\$0	\$850,118	\$850,118
December 2021								
Company	(5,294)	805,595	800,301	\$0.0000	\$3.8190	\$0	\$3,056,350	\$3,056,350
Summer Strip Pricing								
Contract:								
Panhand	0	1,134,844	1,134,844			0	3,597,342	3,597,342
ANR Pipe	0	384,623	384,623			0	1,190,216	1,190,216
Subtotal	(5,294)	2,325,062	2,319,768			\$0	\$7,843,908	\$7,843,908
Total	(2,947,558)	3,015,120	67,562			\$0	(\$4,173,288)	(\$4,173,288)

CENTERPOINT ENERGY INDIANA NORTH
DETERMINATION OF UNACCOUNTED FOR GAS
For The Period October 2021 Through December 2021

Line No.	FINAL (A) October 2021	FINAL (B) November 2021	FINAL (C) December 2021	(D) TOTAL
(1) Total Dth of Purchased Gas Delivered [1]	<u>4,946,094</u>	<u>7,531,635</u>	<u>6,255,998</u>	<u>18,733,727</u>
(2) Total Dth of Transport & ICC Gas Delivered by Pipeline				
(a) End User Cash Outs & Interim Supply Service Gas	(6,861)	37,687	(179,884)	(149,058)
(b) Customer Transp. Deliveries	<u>6,135,579</u>	<u>7,345,587</u>	<u>7,739,168</u>	<u>21,220,334</u>
	A18	A18	A18	
(c) Total Transported Gas Delivered (Line 2a + Line 2b)	<u>6,128,718</u>	<u>7,383,274</u>	<u>7,559,284</u>	<u>21,071,276</u>
(i) Transportation Retention	<u>6,051</u>	<u>7,026</u>	<u>7,622</u>	<u>20,699</u>
	A18	A18	A18	
(3) Total Dth of Gas (Injected Into) / Withdrawn From Storage (Schedule 10 Col. C)	<u>(2,602,877)</u>	<u>350,671</u>	<u>2,319,768</u>	<u>67,562</u>
(4) Total Dth of Fuel Loss	<u>(21,356)</u>	<u>(8,913)</u>	<u>(18,959)</u>	<u>(49,228)</u>
	A20	A20	A20	
(5) Total Dth of Other Gas Injected Into/Withdrawn From System				
(a) Gas Loss - Facilities Damage Rpt.	0	0	0	0
(b) Gas Usage Not Billed Due to NONR	A21 (70)	A21 (408)	A21 (892)	(1,370)
(c) Operations Usage (Sch. 9C, Col. A)	(5,281)	(8,733)	(17,105)	(31,119)
(d) Storage Losses (Sch. 9B, Col. B)	(25,761)	(3,208)	(108)	(29,077)
(e) Subtotal	(31,112)	(12,349)	(18,105)	(61,566)
(6) Total Dth of Gas Available (L 1 + L 2c + L 3 + L 4 + L 5e)	<u>8,419,467</u>	<u>15,244,318</u>	<u>16,097,986</u>	<u>39,761,771</u>
(7) Total Dth of Gas Sold (Sch. 6 Line 1)	<u>2,424,839</u>	<u>7,841,305</u>	<u>8,618,379</u>	<u>18,884,523</u>
(8) Total Dth of Gas Transported to Customers (Schedule 6A, Line 1)	<u>6,053,541</u>	<u>7,520,229</u>	<u>7,322,186</u>	<u>20,895,956</u>
(9) Total Dth of Gas Delivered to Customers (Line 7 + Line 8)	<u>8,478,380</u>	<u>15,361,534</u>	<u>15,940,565</u>	<u>39,780,479</u>
(10) Unaccounted For Gas				
(a) Total Dth of Unaccounted For Gas (Line 6 - Line 9)	<u>(58,913)</u>	<u>(117,216)</u>	<u>157,421</u>	<u>(18,708)</u>
(11) Percentage of Unaccounted for Gas (Line 10(a) / Line 6)	<u>-0.699724%</u>	<u>-0.768916%</u>	<u>0.977893%</u>	<u>-0.047050%</u>

[1] Sch. 8, Col. Q

Cause No. 37394-GCA154

CEI NORTH
INITIATION OF REFUND
Refunds to be Included in the GCA
FOR THE PERIOD JUNE 2022 THROUGH AUGUST 2022

Line No.	Description:	Amount of Refund
1	Nomination and Balancing Charges	(\$12,732)
2	Pipeline Refunds	\$0
3	Total to be Refunded	(\$12,732)

Distribution of Refunds to GCA Quarters		
Quarter	(A) Sales Percentage All Rate Classes (Schedule 2A)	(B) Refund (Line 2 * A)
4 June 2022 - August 2022	5.215%	(\$664)
5 September 2022 - November 2022	17.446%	(\$2,221)
6 December 2022 - February 2023	55.585%	(\$7,077)
7 Mar 2023 - May 2023	21.754%	(\$2,770)
	100.000%	(\$12,732)

Calculation Of Refunds To Be Returned In This GCA

8	Cause No. 37394-GCA151 (Schedule 12A, Line 7)	(\$307)
9	Cause No. 37394-GCA152 (Schedule 12A, Line 6)	(\$759)
10	Cause No. 37394-GCA153 (Schedule 12A, Line 5)	(\$941)
11	Refunds from this GCA (Schedule 12A, Line 4)	(\$664)
12	Total to be Refunded in This Cause	(\$2,671)
12a	June 2022 Refund (Line 12 / Sch. 2A Sales)	(\$890)
12b	July 2022 Refund (Line 12 / Sch. 2A Sales)	(\$890)
12c	August 2022 Refund (Line 12 / Sch. 2A Sales)	(\$890)

**CEI NORTH
RECONCILIATION OF DEMAND VARIANCE**

Line No.	Rate Class Description	Demand Variance Sales (A)	Demand Variance Fixed per Month (B)	Demand Variance Total (C) = (A)+(B)
1	Demand Variance: (Over) Under Recovery (Schedule 6, Line 11a)			
	(a) October 2021	\$1,370,489	\$0	\$1,370,489
	(b) November 2021	(\$3,632,013)	\$0	(\$3,632,013)
	(c) December 2021	\$2,207,268	\$0	\$2,207,268
2	TOTAL	(\$54,256)	\$0	(\$54,256)

Distribution Of Demand Variances To Quarters (Line 2 * Quarterly Sales Percentages, Sch. 2A)		
Quarter		
3	June 2022 - August 2022	(\$2,829)
4	September 2022 - November 2022	(\$9,466)
5	December 2022 - February 2023	(\$30,158)
6	Mar 2023 - May 2023	(\$11,803)
7	Total Demand Variance	(\$54,256)

Calculation Of Demand Variances For This Cause				
8	Cause No. 37394-GCA151 (Sch. 12B, Line 6)	(\$61,413)	(\$44,263)	(\$105,676)
9	Cause No. 37394-GCA152 (Sch. 12B, Line 5)	\$20,082	\$0	\$20,082
10	Cause No. 37394-GCA153 (Sch. 12B, Line 4)	\$113,172	\$0	\$113,172
11	Variance from this GCA (Sch. 12 B, Line 3)	(\$2,829)	\$0	(\$2,829)
12	Total Demand Variances to be Included in GCA	\$69,012	(\$44,263)	\$24,749
13	Adjusted Total Demand Variance to be included in GCA (Line 12)	\$69,012	\$ (44,263)	\$ 24,749
13a	June 2022 Variance (Line 13 / Sch. 2A Sales)	\$23,004	\$ (14,754)	\$ 8,250
13b	July 2022 Variance (Line 13 / Sch. 2A Sales)	\$23,004	\$ (14,754)	\$ 8,250
13c	August 2022 Variance (Line 13 / Sch. 2A Sales)	\$23,004	\$ (14,754)	\$ 8,250

Note: Lines 13a-13C

Col A = Line 13 * Quarterly Sales Percentages, Sch. 2A

Col B = Line 13 / 3

Cause No. 37394-GCA154

**CEI NORTH
RECONCILIATION OF COMMODITY VARIANCE**

Line		Commodity Variance Sales	Commodity Variance Fixed per Month	Commodity Variance Total
No.	Rate Class Description	(A)	(B)	(C) = (A)+(B)
1	Commodity Variance: (Over) Under Recovery (Schedule 6, Line 11b)			
(a)	October 2021	\$1,707,063	\$0	\$1,707,063
(b)	November 2021	\$2,583,847	\$0	\$2,583,847
(c)	December 2021	\$1,250,104	\$0	\$1,250,104
(d)	LIFO Adjustment	\$2,450,776	\$0	\$2,450,776
(e)	Bad Debt Gas Cost Adjustment - (from Sch. 12D, L 6)	\$21,493	\$0	\$21,493
(f)	Bad Debt Gas Cost Adjustment - LIFO Adjusted	\$22,285	\$0	\$22,285
2	TOTAL	\$8,035,568	\$0	\$8,035,568

Distribution Of Commodity Variance To Quarters (Line 2 * Quarterly Sales Percentages, Sch. 2A)			
Quarter			
3	June 2022 - August 2022	\$419,056	
4	September 2022 - November 2022	\$1,401,885	
5	December 2022 - February 2023	\$4,466,570	
6	Mar 2023 - May 2023	\$1,748,057	
7	Total Commodity Variance	\$8,035,568	

Calculation Of Commodity Variance For This Cause				
8	Cause No. 37394-GCA151 (Sch 12C , Line 6)	\$2,751,198	\$12,510,140	\$15,261,338
9	Cause No. 37394-GCA152 (Sch 12C , Line 5)	\$46,460	\$0	\$46,460
10	Cause No. 37394-GCA153 (Sch 12C , Line 4)	(\$3,020)	\$0	(\$3,020)
11	Variance from this GCA (Sch 12C , Line 3)	\$419,056	\$0	\$419,056
12	Total Commodity Variance to be Included in GCA	\$3,213,694	\$12,510,140	\$15,723,834
13	Adjusted Total Commodity Variance to be included in GCA (Line 12)	\$3,213,694	\$12,510,140	\$15,723,834
13a	June 2022 Variance (Line 13 / Sch. 2A Sales)	\$1,071,231	\$4,170,047	\$5,241,278
13b	July 2022 Variance (Line 13 / Sch. 2A Sales)	\$1,071,231	\$4,170,047	\$5,241,278
13c	August 2022 Variance (Line 13 / Sch. 2A Sales)	\$1,071,231	\$4,170,047	\$5,241,278

Note: Lines 13a-13C

Col A = Line 13 * Quarterly Sales Percentages, Sch. 2A

Col B = Line 13 / 3

CENTERPOINT ENERGY INDIANA NORTH
Determination of Bad Debt Gas Cost Recoveries

Line No.	Description	FINAL October 2021	FINAL November 2021	FINAL December 2021	Quarterly Total
1	Actual Sales in Dth (from Sch. 6, Line 1)	A3 2,424,839	A3 7,841,305	A3 8,618,379	18,884,523
2	Projected Bad Debt Gas Cost Component (\$/Dth) (from Sch. 1, Page 2, Line 24, prior GCAs)	A2 \$0.047	A2 \$0.050	A2 \$0.044	
3	Actual Bad Debt Gas Cost Recovery (Line 1 * Line 2)	\$113,967	\$392,065	\$379,209	\$885,241
4	Actual Recoverable Gas Costs (from Sch. 7, Line 7)	\$14,878,256	\$43,809,570	\$42,060,400	\$100,748,226
5	Actual Recoverable Bad Debt Gas Costs (Line 4 * 0.9%)	\$133,904	\$394,286	\$378,544	\$906,734
6	Bad Debt Gas Cost Variance (Line 5 - Line 3)	<u>\$19,937</u>	<u>\$2,221</u>	<u>(\$665)</u>	<u>\$21,493</u>

to Sch. 12C, Line 1(f)

CEI NORTH
ALLOCATION OF COMPANY USE COST VARIANCES
TRANSPORTATION CUSTOMERS

Line		Variance Sales	Variance Fixed per Month	Variance Total
No.	Reconciliation Month	(A)	(B)	(C) = (A)+(B)
1	Company Use Cost Variance: (Over) Under Recovery (Schedule 6A, Line 7)			
	(a) October 2021	\$9,314	\$0	\$9,314
	(b) November 2021	(\$5,501)	\$0	(\$5,501)
	(c) December 2021	(\$17,722)	\$0	(\$17,722)
2	TOTAL	(\$13,909)	\$0	(\$13,909)

Distribution of Company Use Cost Variance to GCA Quarters (Line 2 * Quarterly Sales Percentages, Sch. 2B)				
	Quarter			
3	June 2022 - August 2022	(\$3,007)		
4	September 2022 - November 2022	(\$3,390)		
5	December 2022 - February 2023	(\$4,086)		
6	Mar 2023 - May 2023	(\$3,426)		
7	Total Company Use Variance	(\$13,909)		

Calculation of Company Use Cost Variance For This Cause				
8	Cause No. 37394-GCA151 (Sch 12E , Line 6)	\$2,179	\$8,774	\$10,953
9	Cause No. 37394-GCA152 (Sch 12E , Line 5)	\$4,170	\$0	\$4,170
10	Cause No. 37394-GCA153 (Sch 12E , Line 4)	\$3,348	\$0	\$3,348
11	Variance from this GCA (Sch 12E , Line 3)	(\$3,007)	\$0	(\$3,007)
12	Total Company Use Cost Variance to be Included in GCA	\$6,690	\$8,774	\$15,464
13	Adjusted Total Company Use Cost Variance to be included in GCA (Line 12)	\$6,690	\$8,774	\$15,464
13a	June 2022 Variance (Line 13 / Sch. 2B Transp. Volumes)	\$2,224	\$2,925	\$5,149
13b	July 2022 Variance (Line 13 / Sch. 2B Transp. Volumes)	\$2,205	\$2,925	\$5,129
13c	August 2022 Variance (Line 13 / Sch. 2B Transp. Volumes)	\$2,261	\$2,925	\$5,186

Note: Lines 13a-13C
Col A = Line 13 * Quarterly Sales Percentages, Sch. 2B
Col B = Line 13 / 3

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	\$92.94	\$63.66	\$29.28	45.98%
10	\$166.43	\$106.70	\$59.73	55.98%
15	\$239.93	\$149.74	\$90.19	60.23%
20	\$313.42	\$192.78	\$120.64	62.58%
25	\$386.91	\$235.82	\$151.10	64.07%

Estimated GCA v. Currently Effective GCA

	Estimated	Currently Approved
Customer Service Charge	\$16.50	\$16.50
Commodity Charge Block 1	\$3.064	\$3.064
Commodity Charge Block 2	\$2.147	\$2.147
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. 1/1/22)	\$0.0000	\$0.0000
TSCR (Eff. 1/1/22)	(\$1.1800)	\$0.0000
GCA153	\$12.460	\$6.369

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	\$92.94	\$63.56	\$29.38	46.21%
10	\$166.43	\$105.95	\$60.49	57.09%
15	\$239.93	\$148.33	\$91.60	61.75%
20	\$313.42	\$190.71	\$122.71	64.34%
25	\$386.91	\$233.10	\$153.82	65.99%

Estimated GCA v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$16.50	\$11.25
Commodity Charge Block 1	\$3.064	\$2.420
Commodity Charge Block 2	\$2.147	\$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	\$0.1269
SRC (Eff. 5/6/21)	(\$0.0483)	(\$0.0483)
CSIA (Eff. 1/1/22)	\$0.0000	\$6.6726
TSCR (Eff. 1/1/22)	(\$1.1800)	\$0.0000
GCA 150	\$12.460	\$6.677

CEI NORTH**TABLE NO. 2 A**

Effects of
Estimated June 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	\$92.77	\$61.57	\$31.20	50.67%
10	\$166.09	\$102.29	\$63.80	62.37%
15	\$239.42	\$143.02	\$96.40	67.40%
20	\$312.74	\$183.74	\$129.00	70.21%
25	\$386.06	\$224.46	\$161.60	71.99%

Estimated June 2022 v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$16.50	\$11.25
Commodity Charge Block 1	\$3.064	\$2.420
Commodity Charge Block 2	\$2.147	\$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	\$0.1269
SRC (Eff. 5/6/21)	(\$0.0483)	(\$0.0483)
CSIA (Eff. 1/1/22)	\$0.0000	\$6.3400
TSCR (Eff. 1/1/22)	(\$1.1800)	\$0.0000
Jun-22	\$12.426	\$6.345

CEI NORTH**TABLE NO. 2 B**

**Effects of
Estimated July 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	\$93.00	\$63.93	\$29.08	45.48%
10	\$166.56	\$106.92	\$59.64	55.78%
15	\$240.12	\$149.91	\$90.21	60.17%
20	\$313.68	\$192.91	\$120.77	62.61%
25	\$387.24	\$235.90	\$151.34	64.15%

Estimated July 2022 v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$16.50	\$11.25
Commodity Charge Block 1	\$3.064	\$2.420
Commodity Charge Block 2	\$2.147	\$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	\$0.1269
SRC (Eff. 5/6/21)	(\$0.0483)	(\$0.0483)
CSIA (Eff. 1/1/22)	\$0.0000	\$6.4271
TSCR (Eff. 1/1/22)	(\$1.1800)	\$0.0000
Jul-22	\$12.473	\$6.799

CEI NORTH**TABLE NO. 2 C**

Effects of
Estimated August 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	\$93.03	\$65.17	\$27.86	42.75%
10	\$166.62	\$108.59	\$58.03	53.44%
15	\$240.21	\$152.02	\$88.19	58.02%
20	\$313.80	\$195.44	\$118.36	60.56%
25	\$387.39	\$238.86	\$148.52	62.18%

Estimated August 2022 v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$16.50	\$11.25
Commodity Charge Block 1	\$3.064	\$2.420
Commodity Charge Block 2	\$2.147	\$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	\$0.1269
SRC (Eff. 5/6/21)	(\$0.0483)	(\$0.0483)
CSIA (Eff. 1/1/22)	\$0.0000	\$7.2400
TSCR (Eff. 1/1/22)	(\$1.1800)	\$0.0000
Aug-22	\$12.479	\$6.885

Cause No. 37394-GCA154

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)
June 2022	1.4	\$37.13	\$30.34	\$6.80	22.40%
July 2022	1.3	\$35.64	\$30.04	\$5.60	18.62%
August 2022	1.2	\$34.08	\$29.21	\$4.87	16.67%

Estimated GCA v. Prior Year Effective GCA

	Estimated	Prior Year Approved
Customer Service Charge	\$16.50	\$11.25
Commodity Charge Block 1	\$3.064	\$2.420
Commodity Charge Block 2	\$2.147	\$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	\$0.127
SRC (Eff. 5/6/21)	(\$0.048)	(\$0.048)
CSIA (Eff. 1/1/22)	\$0.000	\$6.673
TSCR (Eff. 1/1/22)	(\$1.180)	\$0.000
GCA Charge - June-22	\$12.426	\$6.345
GCA Charge - July-22	\$12.473	\$6.799
GCA Charge - August-22	\$12.479	\$6.885