

**BEFORE THE**

**INDIANA UTILITY REGULATORY COMMISSION**

<b>PETITION OF THE BOARD OF DIRECTORS FOR )</b>	
<b>UTILITIES OF THE DEPARTMENT OF PUBLIC )</b>	
<b>UTILITIES OF THE CITY OF INDIANAPOLIS, AS )</b>	<b>CAUSE NO. 37399 GCA 148</b>
<b>SUCCESSOR TRUSTEE OF A PUBLIC CHARITABLE )</b>	
<b>TRUST, FOR APPROVAL OF GAS COST )</b>	
<b>ADJUSTMENTS TO BE APPLICABLE IN THE )</b>	
<b>MONTHS OF DECEMBER 2020, JANUARY AND )</b>	
<b>FEBRUARY 2021 )</b>	

**SUBMISSION OF  
MONTHLY PRICE UPDATE FOR JANUARY 2021**

In its Order in Cause No. 37399-GCA75 dated September 4, 2002, the Commission approved a Stipulation and Settlement Agreement (“Settlement Agreement”) between the Board of Directors for Utilities of the Department of Public Utilities of the City of Indianapolis, as Successor Trustee of a Public Charitable Trust, d/b/a Citizens Gas and the Indiana Office of Utility Consumer Counselor (“OUCC”) facilitating an enhancement to the Gas Cost Adjustment mechanism as modified in accordance with the Commission's March 17, 2004 Order in Cause No. 37399-GCA75. Pursuant to the Settlement Agreement, a flex mechanism was added to the GCA that allows Citizens Gas to make adjustments to the GCA factor within a fixed, known and measurable range, on a monthly basis, through a Monthly Price Update. On August 23, 2005, Citizens Gas and the OUCC filed with the Commission the Second Amended and Restated Stipulation and Settlement Agreement to extend the term of the Agreement through GCA 98. On August 3, 2007, Citizens Gas and the OUCC filed with the Commission the Third Amended and Restated Stipulation and Settlement Agreement extending the term of the Settlement Agreement until further Order of the Commission. The Settlement Agreement provides for the filing of a Monthly Price Update during the quarterly GCA period. The Settlement Agreement also states that

the GCA factors contained in the Monthly Price Update will become effective on the first day of the upcoming calendar month, without further hearing. Additionally, in accordance with the Commission's August 27, 2014 Order in Cause No. 44374, the flex mechanism allows for adjustments to the mix of volumes between spot, fixed and storage gas purchases as long as the total volumes remain unchanged from the total monthly volume of gas approved in the applicable GCA period.

Documentation of the GCA factors and related factors for the **Monthly Price Update** for the month of January 2021 is provided herewith. Substitute One-Hundred Twelfth Revised Page No. 501 of the Citizens Gas tariff is being submitted to the Energy Division for approval and will become effective with meters read on and after January 1, 2021.

Respectfully submitted,

/s/ David J. Wade  
David J. Wade  
Rates & Regulatory Analyst

David J. Wade  
Citizens Gas  
2020 North Meridian Street  
Indianapolis, IN 46202

## **CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a copy of the Monthly Price Update for January 2021 was served upon the Office of Utility Consumer Counselor via electronic mail on December 29, 2020 to the following:

**Office of Utility Consumer Counselor**  
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s/Michael E. Allen

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Citizens Gas

**Citizens Gas**  
**2020 North Meridian Street**  
**Indianapolis, IN 46202**

**Substitute One-Hundred Twelfth Revised Page No. 501**  
**Superseding Substitute One-Hundred Eleventh Revised Page No. 501**

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**RIDER A**

**CURRENT GAS SUPPLY CHARGES**

Listed below are the charges applicable to the Utility's Gas Supply Services for all Therms delivered on or after January 1, 2021

**1. Gas Rate No. S1 Variable Rate Supply: \$ per Therm**

Gas Rate No. D1	Gas Supply Charge	\$	<b>0.2670</b>
Gas Rate No. D2	Gas Supply Charge	\$	<b>0.2851</b>
Gas Rate No. D3	Gas Supply Charge	\$	<b>0.3012</b>
Gas Rate No. D4	Gas Supply Charge	\$	<b>0.2606</b>
Gas Rate No. D5	Gas Supply Charge	\$	<b>-</b>
Gas Rate No. D7	Gas Supply Charge	\$	<b>0.2970</b>

**2. Gas Rate No. S2 Back-up Gas Supply Service: \$ per Therm**

Capacity	\$	<b>0.0723</b>
Commodity	\$	<b>0.2189</b>
Gas Supply Charge	\$	<b>0.2912</b>

**3. Balancing Charges: \$ per Therm**

Gas Rate No. D3	\$	<b>0.0009</b>	\$	<b>-</b>	for Basic Delivery Service Option
Gas Rate No. D4	\$	<b>0.0011</b>	\$	<b>0.0001</b>	for Basic Delivery Service Option
Gas Rate No. D5	\$	<b>0.0019</b>	\$	<b>0.0001</b>	for Basic Delivery Service Option
Gas Rate No. D7	\$	<b>0.0009</b>			
Gas Rate No. D9	\$	<b>0.0245</b>	\$	<b>0.0012</b>	for Basic Delivery Service Option

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**Current rates effective pursuant to**  
**I.U.R.C. Order in Cause No. 43975**

**Effective: January 1, 2021**

Citizens Gas  
Determination of Gas Supply Charge with Demand Cost Allocated  
Estimated for January 2021

Line No.	A Demand	B Commodity and Other	C Total
<u>Estimated Cost of Gas</u>			
1 Purchased gas cost (Schedule 3, Page 2, ln 16)	\$2,468,991	\$7,404,115	\$9,873,106
2 PEPL Unnominated Quantities cost (Schedule 4 pg 2, ln 16 col A + ln 23)	-	757,886	\$757,886
3 Gas (injected into) withdrawn from storage - net cost (Schedule 5, ln 6)	1,373,040	4,899,320	\$6,272,360
4 Total estimated gas cost (ln 1 through ln 3)	\$3,842,031	\$13,061,321	\$16,903,352
5 Total Gas Supply variance (Sch 1, January, total of ln 17)	-	(1,292,558)	(\$1,292,558)
6 Total Balancing Demand variance (Sch 1 pg 2 ln 11 + Sch. 1, ln 28)		(24,665)	(\$24,665)
7 Dollars to be refunded (Schedule 12A, ln 16 * Sch 2B, ln 28, col. F)	-	-	-
8 Total cost to be recovered through GCA (ln 4 + ln 5 + ln 6 - ln 7)	<u>\$3,842,031</u>	<u>\$11,744,098</u>	<u>\$15,586,129</u>
9 Net Write-Off Recovery Costs (ln 8 * 1.10%)			<u>\$171,447</u>
10 Total cost to be recovered through GCA (ln. 8 + ln 9)			<u>\$15,757,576</u>

Citizens Gas  
Determination of Gas Supply Charge with Demand Cost Allocated  
Estimated for January 2021  
To Be Applied to January 2021 Sales

Line No.		A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5
	Calculation of Gas Supply Charge per Unit (Dth)					
11	Balancing Demand Cost Variance (Sch 12B, pg 2, ln 13 * Sch 2C, ln 23)	(\$111)	(\$16,070)	-	-	-
12	Throughput excluding Basic - Dth (Sch 2C, ln 2)	19,809	4,073,269	-	-	-
13	Total Balancing Demand Cost per unit of throughput (ln 11 /ln 12)	(\$0.006)	(\$0.004)	-	-	-
14	Retail demand cost per unit sales (Sch 1A, pg 2 ln 8)	0.629	0.684	0.912	0.605	-
15	Monthly balancing demand cost per unit for GR D1 & D2 only (Sch 1A, pg 2, ln 11)	0.006	0.006	-	-	-
16	Total demand cost to be recovered through GCA (ln 13 + ln 14 + ln 15)	\$0.629	\$0.686	\$0.912	\$0.605	\$0.000
17	Total Gas Supply variance (Sch 12B, pg 1, ln 15) * (Sch 2B, ln 28)	(5,903)	(795,604)	(5,990)	(485,061)	0
18	Dollars to be refunded ((ln 7) * Sch 2B, ln 24)	0	0	0	0	0
19	Other non-demand gas costs (ln 4, col B - ln 2, col B) * (Sch 2B, ln 24)	42,533	8,747,041	80,981	3,432,880	0
20	Total monthly non-demand costs to be recovered through Gas Supply Charge (ln 17 - ln 18 + ln 19)	\$36,630	\$7,951,437	\$74,991	\$2,947,819	\$0
21	Sales subject to GCA - Dth (Schedule 2B, ln 2)	19,809	4,073,269	37,712	1,598,601	0
22	Total monthly non-demand costs per unit sales (ln 20 / ln 21)	\$1.849	\$1.952	\$1.989	\$1.844	\$0.000
23	Net Write-Off Recovery Cost (Sch 1C, pg 2, ln 4 )	0.036	0.038	0.012	\$0.009	\$0.000
24	PEPL Unnominated Quantities Retail Cost (Sch 4, pg 2 ln 8)	0.109	0.125	0.057	0.112	0.000
25	PEPL Balancing Cost for Gas Rates D1 & D2 only (Sch 4, pg 2, ln 15)	0.010	0.010	-	-	-
26	Gas Supply Charge to be recovered through GCA (ln 16 + ln 22 + ln 23 + ln 24 + ln 25)	\$2.633	\$2.811	\$2.970	\$2.570	\$0.000
27	Gas Supply Charge modified for Indiana Utility Receipts Tax (ln 26 / (1 - 1.40%))	\$2.670	\$2.851	\$3.012	\$2.606	\$0.000

Citizens Gas  
Determination of Balancing Demand Charge per Unit (Dth)  
Estimated for January 2021  
To Be Applied to the January 2021 Throughput

Line No.		A Gas Rate No. D3/No. D7	B Gas Rate No. D4	C Gas Rate No. D5	D Gas Rate No. D9
	<u>Calculation of Balancing Demand Charge per Unit (Dth)</u>				
28	Balancing Demand Cost Variance (Sch12B, pg. 2, ln 13 * Sch 2C, ln 23)	(\$2,054)	(\$12,751)	\$907	\$5,414
29	Throughput excluding Basic - Dth (Sch 2C, ln 2)	<u>282,776</u>	<u>2,530,151</u>	<u>326,182</u>	<u>24,056</u>
30	Total Balancing Demand Cost variance per unit of throughput (ln 28/ ln 29)	(\$0.0073)	(\$0.0050)	\$0.0028	\$0.2251
31	Monthly balancing demand charge per unit of throughput (Sch 1A, pg 2, ln 11)	0.006	0.006	0.006	0.006
32	PEPL balancing demand charge per unit of throughput (Sch 4, pg 2, ln 15)	<u>0.0100</u>	<u>0.0100</u>	<u>0.0100</u>	<u>0.0100</u>
33	Total balancing demand charge per unit of throughput (ln 30 + ln 31 + ln 32)	<u>\$0.0087</u>	<u>\$0.0110</u>	<u>\$0.0188</u>	<u>\$0.2411</u>
34	Total balancing demand charge modified for Indiana Utilities Receipts Tax (ln 33 / (1-1.40%))	<u>\$0.009</u>	<u>\$0.011</u>	<u>\$0.019</u>	<u>\$0.245</u>

Citizens Gas  
Determination of Basic Balancing Charge  
Estimated for January 2021  
To Be Applied to January 2021

Line No.		A Gas Rate No. D3/No. D7	B Gas Rate No. D4	C Gas Rate No. D5	D Gas Rate No. D9
	<u>Calculation of Basic Balancing Charge per unit (Dth)</u>				
35	Basic balancing charge per unit ((Sch 1, ln 30 + ln 31 + ln 32) * .05)	<u>0.0004</u>	<u>0.0006</u>	<u>0.0009</u>	<u>0.0121</u>
36	Basic balancing charge modified for Indiana Utilities Receipts Tax (ln 35/ (1-1.40%))	<u>\$0.000</u>	<u>\$0.001</u>	<u>\$0.001</u>	<u>\$0.012</u>



**Citizens Gas**  
**Determination of Back-up Gas Supply Charge**  
**Estimated for January 2021**  
**To Be Applied to January 2021**

Line  
No.

Calculation of Back-up Gas Supply Charge per unit (Dth)

37	PEPL retail demand costs for Gas Rate Nos. D3 & D4 (Sch 4, pg 2, ln 2)	\$164,877
38	Monthly retail demand costs for Gas Rate Nos. D3 & D4 (Sch 1A, pg 2, ln 6)	<u>1,002,197</u>
39	Total retail demand costs for Gas Rates Nos. D3 & D4 (ln 37 + ln 38)	\$1,167,074
40	Estimated Monthly retail sales Dths for Gas Rates D3 & D4 (Sch. 2B, line 2)	<u>1,636,313</u>
41	Back-up supply capacity charge per unit (ln 39 / ln 40)	<u>\$0.713</u>
42	Back-up supply capacity charge modified for Indiana Utilities Receipts Tax (ln 41 / (1-1.40%))	<u><u>\$0.723</u></u>
43	PEPL monthly variable costs for Gas Rate Nos. D3 & D4 (Sch 4, pg 2, ln 5)	\$16,928
44	Total monthly non-demand costs for Gas Rate Nos. D3 & D4 (Sch 1, ln 18 + ln 19)	<u>3,513,861</u>
45	Total retail non-demand costs for Gas Rates Nos. D3 & D4 (ln 43 + ln 44)	\$3,530,789
46	Estimated monthly retail sales Dths for Gas Rates D3 & D4 (Sch. 2B, ln 2)	<u>1,636,313</u>
47	Back-up supply commodity charge per unit (ln 45 / ln 46)	<u>\$2.158</u>
48	Back-up supply commodity charge modified for Indiana Utilities Receipts Tax (ln 47 / (1-1.40%))	<u><u>\$2.189</u></u>
49	Total Back-up Gas Supply Charge (ln 42 + ln 48)	<u><u>\$2.912</u></u>

Citizens Gas  
Allocation of Monthly Demand Cost  
January 2021

Line No.	A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5	F Gas Rate No. D9	G Total
Calculation of Demand Cost per Unit							
1	Retail Peak day demand allocation factors Cause No. 37399 GCA 140	0.003153	0.740425	0.006293	0.250129	-	1.000000
2	Retail Throughput demand allocation factors Cause No. 37399 GCA 140	0.003754	0.705611	0.019399	0.271236	-	1.000000
3	Peak day / Throughput allocation factors (ln 1 * 79%) + (ln 2 * 21%)	0.003279	0.733115	0.009045	0.254561	-	1.000000
4	Monthly retail demand costs (ln 17 * ln 3)	\$11,281	\$2,522,228	\$31,119	\$875,799	-	\$3,440,427
5	Monthly TGT Unnom. demand costs - retail (ln 18 * 90%) * ln 3)	1,185	264,980	3,269	92,010	-	361,444
6	Total monthly retail demand costs (ln 4 + ln 5)	\$12,466	\$2,787,208	\$34,388	\$967,809	-	\$3,801,871
7	Estimated monthly retail sales- Dth (Sch 2B, ln 2)	19,809	4,073,269	37,712	1,598,601	-	5,729,391
8	Monthly retail demand cost per unit sales (ln 6 / ln 7)	\$0.629	\$0.684	\$0.912	\$0.605	-	\$0.664
9	Monthly balancing demand costs (ln 18 * 10%) * (Sch. 2C, ln 19)	110	22,544	1,565	14,003	1,805	40,160
10	Estimated monthly total throughput - Dth (Sch 2C, ln 2)	19,809	4,073,269	282,776	2,530,151	326,182	7,256,243
11	Monthly balancing demand cost per unit of throughput (ln 9 / ln 10)	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006	\$0.006

Calculation of Monthly Demand Costs		Demand Cost
12	Exelon Generation Company, LLC	
13	Nominated Demand Costs	\$ 1,100,107
13	TGT Unnominated Demand Costs	\$ 401,604
13a	REX Winter 2021 Demand Charges	\$ 286,997
14	IMGPA Prepay Demand Costs	\$ 318,563
15	Demand Cost (Sch 3 ln 15 col G)	\$ 361,720
16	Demand Cost (Sch 5 Ln 6 Col G)	\$ 1,373,040
17	Monthly retail demand costs (ln 12 + sum( ln 14 + ln15 + ln16))	\$ 3,440,427
18	Unnominated Demand Costs (ln 13)	\$401,604
19	Total Monthly demand costs ( ln 17 + ln 18)	\$ 3,842,031

Citizens Gas  
Determination of Gas Cost Adjustment (GCA)  
Estimation Period January 1, 2020 through January 31, 2021  
UAF Component in Rates (\$/DTH)

Line No.		B <u>January 2021</u>
1	Volume of pipeline gas purchases (Sch. 3) - Dths	3,054,211
2	Volume of Gas (injected into) withdrawn from storage (See Schedule 3B) - Dths	<u>2,772,901</u>
3	Total volume supplied - Dths	5,827,112
4	Less: Gas Division usage - Dths	<u>(19,536)</u>
5	Total volume of gas available for sale - Dths (ln 3 + ln 4)	5,807,576
6	UAF Percentage 1.360%	<u>1.360%</u>
7	UAF Volumes - Dths (ln 5 * ln 6)	78,983
8	Average Commodity Rate - Schedule 3A	<u>\$2.4242</u>
9	UAF Costs (ln7 * ln8)	\$191,471
10	Schedule 2B Retail sales volumes	<u>5,729,391</u>
11	UAF Component in rates - \$ per Dth (ln9 / ln10) 1/	\$0.0334

1/ For informational purposes only.

Citizens Gas  
Allocation of Net Write-Off Recovery Cost  
January 2021

Line No.		A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5	F Total
	<u>Calculation of Net Write-Off Recovery Cost per Unit (Dth)</u>						
1	Net Write-Off Recovery allocation factors Cause No. 43975	0.004201	0.908991	0.002576	0.083537	0.000695	1.000000
2	Net Write-Off Recovery cost (Sch. 1, ln 9) * ln 1	\$720	\$155,844	\$442	\$14,322	\$119	\$171,447
3	Estimated retail sales- Dth (Sch 2B, ln 2)	<u>19,809</u>	<u>4,073,269</u>	<u>37,712</u>	<u>1,598,601</u>	<u>0</u>	<u>5,729,391</u>
4	Net Write-Off Recovery cost per unit sales (ln 2 / ln 3)	<u>\$0.036</u>	<u>\$0.038</u>	<u>\$0.012</u>	<u>\$0.009</u>	<u>\$0.000</u>	

Citizens Gas  
Estimated Total Throughput for Twelve Months Ending November 2021

Line No.	A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5	F Gas Rate No. D9	G Total Throughput Subject to GCA
Estimated Total Throughput Volumes (Dth) for Twelve Months Ending November 2021							
1 December 2020	17,096	3,708,819	309,076	2,108,646	456,196	841,650	7,441,483
2 January 2021	19,809	4,073,269	299,330	2,537,653	480,438	344,286	7,754,785
3 February 2021	18,188	4,042,802	272,304	2,351,537	432,096	324,856	7,441,783
4 First Quarter	55,093	11,824,890	880,710	6,997,836	1,368,730	1,510,792	22,638,051
5 March 2021	11,797	2,812,070	252,774	1,670,817	390,049	541,694	5,679,201
6 April 2021	8,201	1,968,698	248,895	1,075,576	317,203	755,760	4,374,333
7 May 2021	5,349	903,171	247,434	578,648	267,475	751,812	2,753,889
8 Second Quarter	25,347	5,683,939	749,103	3,325,041	974,727	2,049,266	12,807,423
9 June 2021	3,815	349,491	232,447	347,516	239,743	724,740	1,897,752
10 July 2021	3,222	301,132	232,257	334,554	237,343	504,184	1,612,692
11 August 2021	3,219	299,531	231,993	334,269	236,909	727,198	1,833,119
12 Third Quarter	10,256	950,154	696,697	1,016,339	713,995	1,956,122	5,343,563
13 September 2021	4,333	355,340	234,167	408,924	252,043	717,720	1,972,527
14 October 2021	4,966	677,949	262,287	635,075	302,808	786,222	2,669,307
15 November 2021	9,461	1,886,703	275,265	1,171,871	371,100	540,480	4,254,880
16 Fourth Quarter	18,760	2,919,992	771,719	2,215,870	925,951	2,044,422	8,896,714
17 Total Throughput - Dth	109,456	21,378,975	3,098,229	13,555,086	3,983,403	7,560,602	49,685,751
<u>Quarterly Allocation Factor</u>							
18 First Quarter (line 4/line 17)	0.503334	0.553109	0.284263	0.516253	0.343609	0.199824	0.455624
19 Second Quarter (line 8/line 17)	0.231573	0.265866	0.241784	0.245298	0.244697	0.271045	0.257769
20 Third Quarter (line 12/line 17)	0.093700	0.044443	0.224869	0.074978	0.179242	0.258726	0.107547
21 Fourth Quarter (line 16/line 17)	0.171393	0.136582	0.249084	0.163471	0.232452	0.270405	0.179060
<u>Current Throughput Allocation Factor</u>							
22 Allocation of December 2020 Estimated Throughput (line 1/line 1, column G)	0.002297	0.498399	0.041534	0.283364	0.061304	0.113102	1.000000
23 Allocation of January 2021 Estimated Throughput (line 2/line 2, column G)	0.002554	0.525259	0.038599	0.327237	0.061954	0.044397	1.000000
24 Allocation of February 2021 Estimated Throughput (line 3/line 3, column G)	0.002444	0.543257	0.036591	0.315991	0.058064	0.043653	1.000000
25 Allocation of Quarter Estimated Throughput (line 4/line 4, column G)	0.002434	0.522346	0.038904	0.309118	0.060461	0.066737	1.000000
<u>Monthly Allocation Factors</u>							
26 December 2020 (line 1/line 4)	0.310311	0.313645	0.350939	0.301328	0.333299	0.557092	0.328716
27 January 2021 (line 2/line 4)	0.359556	0.344466	0.339874	0.362634	0.351010	0.227884	0.342555
28 February 2021 (line 3/line 4)	0.330133	0.341889	0.309187	0.336038	0.315691	0.215024	0.328729
Total Throughput Allocation Factor (line 17/line 17, col. G)	0.002203	0.430285	0.062356	0.272816	0.080172	0.152168	1.000000

Citizens Gas  
Estimated Retail Sales Volume for Twelve Months Ending November 2021

Line No.		A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5	F Total Retail Sales Subject to GCA
<u>Estimated Retail Sales Volumes (Dth) for Twelve Months Ending November 2021</u>							
1	December 2020	17,096	3,708,819	55,332	1,244,118	0	5,025,365
2	January 2021	19,809	4,073,269	37,712	1,598,601	0	5,729,391
3	February 2021	18,188	4,042,802	26,336	1,560,817	0	5,648,143
4	First Quarter	55,093	11,824,890	119,380	4,403,536	0	16,402,899
5	March 2021	11,797	2,812,070	21,846	1,023,723	0	3,869,436
6	April 2021	8,201	1,968,698	41,575	651,976	0	2,670,450
7	May 2021	5,349	903,171	56,186	307,336	0	1,272,042
8	Second Quarter	25,347	5,683,939	119,607	1,983,035	0	7,811,928
9	June 2021	3,815	349,491	50,087	161,336	0	564,729
10	July 2021	3,222	301,132	50,681	155,684	0	510,719
11	August 2021	3,219	299,531	50,603	156,763	0	510,116
12	Third Quarter	10,256	950,154	151,371	473,783	0	1,585,564
13	September 2021	4,333	355,340	47,787	184,824	0	592,284
14	October 2021	4,966	677,949	53,638	221,284	0	957,837
15	November 2021	9,461	1,886,703	44,029	538,133	0	2,478,326
16	Fourth Quarter	18,760	2,919,992	145,454	944,241	0	4,028,447
17	Total Retail Sales - Dth	109,456	21,378,975	535,812	7,804,595	0	29,828,838
<u>Quarterly Retail Allocation Factor</u>							
18	First Quarter (line 4/line 17)	0.503334	0.553109	0.222801	0.564223	0.000000	0.549901
19	Second Quarter (line 8/line 17)	0.231573	0.265866	0.223226	0.254086	0.000000	0.261892
20	Third Quarter (line 12/line 17)	0.093700	0.044443	0.282508	0.060706	0.000000	0.053155
21	Fourth Quarter (line 16/line 17)	0.171393	0.136582	0.271465	0.120985	0.000000	0.135052
22	Annual (line 17 / line 17, Column F)	0.003669	0.716722	0.017963	0.261646	0.000000	1.000000
<u>Current Retail Sales Allocation Factor</u>							
23	Allocation of December 2020 Estimated Throughput (line 1/line 1, column F)	0.003402	0.738019	0.011011	0.247568	0.000000	1.000000
24	Allocation of January 2021 Estimated Throughput (line 2/line 2, column F)	0.003457	0.710943	0.006582	0.279018	0.000000	1.000000
25	Allocation of February 2021 Estimated Throughput (line 3/line 3, column F)	0.003220	0.715775	0.004663	0.276342	0.000000	1.000000
26	Allocation of Quarter Estimated Retail Sales (line 4/line 4, column F)	0.003359	0.720902	0.007278	0.268461	0.000000	1.000000
<u>Monthly Retail Allocation Factors</u>							
27	December 2020 (line 1/line 4)	0.310311	0.313645	0.463495	0.282527	0.000000	0.306371
28	January 2021 (line 2/line 4)	0.359556	0.344466	0.315899	0.363027	0.000000	0.349291
29	February 2021 (line 3/line 4)	0.330133	0.341889	0.220606	0.354446	0.000000	0.344338

Citizens Gas  
Estimated Total Throughput Excluding Basic Volume (Dth) for Twelve Months Ending November 2021

Line No.		A Gas Rate No. D1	B Gas Rate No. D2	C Gas Rate No. D3/No. D7	D Gas Rate No. D4	E Gas Rate No. D5	F Gas Rate No. D9	G Total Throughput Subject to GCA
	Estimated Total Throughput Excluding Basic Volumes (Dth) for Twelve Months Ending November 2021							
1	December 2020	17,096	3,708,819	292,646	2,101,516	310,062	23,312	6,453,451
2	January 2021	19,809	4,073,269	282,776	2,530,151	326,182	24,056	7,256,243
3	February 2021	18,188	4,042,802	255,952	2,344,761	294,056	22,624	6,978,383
4	First Quarter	55,093	11,824,890	831,374	6,976,428	930,300	69,992	20,688,077
5	March 2021	11,797	2,812,070	236,592	1,664,679	267,785	21,266	5,014,189
6	April 2021	8,201	1,968,698	233,055	1,070,536	219,403	19,200	3,519,093
7	May 2021	5,349	903,171	231,810	574,308	186,379	17,732	1,918,749
8	Second Quarter	25,347	5,683,939	701,457	3,309,523	673,567	58,198	10,452,031
9	June 2021	3,815	349,491	216,907	343,556	167,983	16,920	1,098,672
10	July 2021	3,222	301,132	216,757	330,648	166,353	16,864	1,034,976
11	August 2021	3,219	299,531	216,493	330,363	166,105	16,864	1,032,575
12	Third Quarter	10,256	950,154	650,157	1,004,567	500,441	50,648	3,166,223
13	September 2021	4,333	355,340	218,567	404,784	176,143	17,280	1,176,447
14	October 2021	4,966	677,949	246,240	630,177	208,196	18,910	1,786,438
15	November 2021	9,461	1,886,703	258,944	1,165,991	253,560	20,880	3,595,539
16	Fourth Quarter	18,760	2,919,992	723,751	2,200,952	637,899	57,070	6,558,424
17	Total Throughput excl. Basic - Dth	109,456	21,378,975	2,906,739	13,491,470	2,742,207	235,908	40,864,755
	<u>Current Throughput Excl. Basic Allocation Factor</u>							
18	Allocation of December 2020 Estimated Throughput (line 1/line 1, column G)	0.002649	0.574704	0.045347	0.325642	0.048046	0.003612	1.000000
19	Allocation of January 2021 Estimated Throughput (line 2/line 2, column G)	0.002730	0.561347	0.038970	0.348686	0.044952	0.003315	1.000000
20	Allocation of February 2021 Estimated Throughput (line 3/line 3, column G)	0.002606	0.579333	0.036678	0.336003	0.042138	0.003242	1.000000
21	Total Throughput Excl. Basic Allocation Factor (line 17/line 17, col. G)	0.002678	0.523165	0.071131	0.330149	0.067104	0.005773	1.000000
	<u>Monthly Total Throughput less Basic</u>							
22	December 2020 (line 1/line 4)	0.310311	0.313645	0.352003	0.301231	0.333293	0.333067	0.311941
23	January 2021 (line 2/line 4)	0.359556	0.344466	0.340131	0.362671	0.350620	0.343696	0.350745
24	February 2021 (line 3/line 4)	0.330133	0.341889	0.307866	0.336098	0.316087	0.323237	0.337314

**Citizens Gas  
Purchased Gas Cost - Estimated  
January 2021**

		A	B	C	D	E	F	G	H	I	J
		Estimated Purchases			Supplier Rates Estimated			Estimated Costs			
Line		Commodity			Demand	Commodity	Other	Demand	Commodity		Total
No.	Month and Supplier	Demand	MCF	DTH	\$/DTH	\$/DTH	\$/MCF	(A x D)	(C x E)	Other	(G+H+I)
	January 2021										
	Exelon Generation Company, LLC			-		\$2.6339			-		-
1	Panhandle Eastern Pipeline - TOR			-		2.5652			-		-
2	Texas Gas Transmission - TOR			-		2.6152			-		-
3	TGT-REX			-		2.6339			48,827		48,827
4	Indiana Municipal Gas Purchasing Authority - TOR			18,538		2.3023			1,177,055		1,177,055
5	Indiana Municipal Gas Purchasing Authority - Prepay			511,252		2.4745			767,093		767,093
6	PEAK B			309,999		2.2491			2,026,797		2,026,797
7	Rockies Express Pipeline - TOR			901,159		2.3470			727,570		727,570
8	PEAK A			310,000		2.6651			-		-
9	Midwestern Gas Transmission Purchases			-					-		-
10	Fixed Price Purchases								82,303		82,303
11	Hedging Transaction Costs								113,349		113,349
12	Boil-off / Peaking purchase			42,263		2.6820					
13	Net Demand Cost Charges - AMA							1,501,711	-		1,501,711
13a	REX Winter 2021 Demand Charges							286,997			286,997
14	Demand Cost Charges -IMGPA - Prepay	17,090			18.6403			318,563	-		318,563
15	Texas Gas - NNS - (Injections)/Withdrawals			961,000	0.3764	2.5610		361,720	2,461,121		2,822,841
16	Total			3,054,211				\$2,468,991	\$7,404,115	-	\$9,873,106



Citizens Gas  
Calculation of the Projected Average Pipeline Rates  
Non-pipeline Supplies, Storage Injections, and Company Usage

Line No	Description	Jan 2021
	<u>Commodity Volumes (Dth)</u>	
	Purchases for Retail:	
1	Panhandle TOR	0
2	IMGPA TOR	18,538
3	IMGPA Prepay	511,252
4	Midwestern Gas	0
5	Rockies Express TOR - Monthly	901,159
6	PEAK A	310,000
7	Fixed Price Purchases (Sch. 3)	0
8	Texas Gas TOR	0
9	TGT-Rex East	0
10	PEAK B	309,999
11	Texas Gas NNS	961,000
12	Boil-off/ Peaking purchases (Sch. 3)	42,263
	Total Retail Volumes (Ln1 through Ln12)	3,054,211
	<u>Demand Rate</u>	
14	Total Demand Costs (Sch. 3)	\$2,468,991
15	Demand Cost per Dth (Line 14 / Line 13)	\$0.8084
	<u>Commodity Rate</u>	
16	Panhandle TOR	\$2.6339
17	IMGPA TOR	2.6339
18	IMGPA Prepay	2.3023
19	Annual Delivery Service - Midwestern Gas	2.6651
20	Rockies Express TOR - Monthly	2.2491
21	PEAK A	2.3470
22	Fixed Price Purchases (Sch. 3)	0.0000
23	Texas Gas TOR	2.5652
24	TGT-Rex East	2.6152
25	Texas Gas NNS	2.5610
26	Boil-off/ Peaking purchases (Sch. 3)	2.6820
27	PEAK B	2.4745
	<u>Commodity Costs</u>	
28	PEPL (Ln 1 x Ln 16)	\$0
29	IMGPA - TOR (Ln 2 x Ln 17)	48,827
30	IMGPA - Authority Prepay (Ln 3 x Ln 18)	1,177,055
31	Midwestern (Ln 4 x Ln 19)	0
32	Rockies Express TOR (Ln 5 X Ln 20)	2,026,797
33	PEAK A (Ln 6 X Ln 21)	727,570
34	Fixed Price Purchases (Ln 7 x Ln 22)	0
35	Texas Gas (Ln 8 x Ln 23)	0
36	TGT-Rex East (Ln 9 x Ln 24)	0
37	Texas Gas -Unnominated Gas (Ln 11 x Ln 25)	2,461,121
38	Boil-off/ Peaking purchases (Ln 12 x Ln 26)	113,349
39	PEAK B (Ln 10 x Ln 27)	767,093
40	Hedging Transaction Costs (Sch 3)	82,303
41	Subtotal(Ln 28 through Ln 40)	\$7,404,115
42	Commodity Cost per Dth (Line 41/Line 13)	\$2.4242
43	Total Average Rate per Dth (Line 15 + Line 42)	\$3.2326

Citizens Gas  
Projected Information  
For Three Months Ending January 31, 2021

	A	B	C	D	E
	Jan 2021	Volumes in Dths	Commodity Cost per Dth	% of Total	
8	Fixed Price Purchases	-	\$ -	0.00%	Sch 3 pg 2 line 10
9	Monthly Spot Market - Index Purchases	2,050,948	\$ 2.3548	35.20%	Sch 3 pg 2 (line 16 - line 10 - line 12 - line 15)
10	Boil off/Peaking Purchases	42,263	\$ 2.6820	0.73%	Sch 3 pg 2 line 12
11	Unnominated Seasonal Gas Purchases	961,000	\$ 2.5610	16.49%	Sch 3 pg 2 line 15
12	Storage Withdrawal - Net	2,772,901	\$ 1.7498	47.58%	Sch 5 line 6 col B - Sch 4pg 2 ln 22 Col E
13	Storage Injection - Gross	-	\$ -	0.00%	Sch 5 line 6 col A - Sch 4 pg 2 ln 20 Col E
14	Total Net Purchases	5,827,112		100.00%	

Citizens Gas  
Allocation of Panhandle Unnominated Quantities Cost  
January 2021

Ln. No.	Calc. of PEPL Unnom.Costs / Unit	Gas Rate No. D1	Gas Rate No. D2	Gas Rate No. D3/No. D7	Gas Rate No. D4	Gas Rate No. D5	Gas Rate No. D9	Total
1	Retail seasonal demand allocation factor Cause No. 37399 GCA 140	0.003122	0.733268	0.003164	0.260446	0.000000	-	1.000000
2	PEPL retail demand costs (ln 17 * ln 1)	\$1,953	\$458,628	\$1,979	\$162,898	\$0	-	\$625,458
3	Estimated monthly retail sales - Dth (Sch 2B, ln 2)	19,809	4,073,269	37,712	1,598,601	0	-	5,729,391
4	Fixed cost per unit retail sales (ln 2 / ln 3)	\$0.099	\$0.113	\$0.052	\$0.102	\$0.000	-	
5	PEPL monthly retail variable costs (ln 24 * ln 1)	\$200	\$47,090	\$203	\$16,725	\$0	-	\$64,218
6	Estimated monthly retail sales - Dth (Sch 2B, ln 2)	19,809	4,073,269	37,712	1,598,601	0	-	5,729,391
7	Net monthly retail variable costs per unit sales (ln 5 / ln 6)	\$0.010	\$0.012	\$0.005	\$0.010	\$0.000	-	
8	Total PEPL cost per unit retail sales (ln 4 + ln 7)	\$0.109	\$0.125	\$0.057	\$0.112	\$0.000	-	
9	PEPL balancing demand costs (ln 18 * Sch 2C, ln 19)	\$169	\$34,724	\$2,411	\$21,569	\$2,781	\$205	\$61,859
10	Estimated monthly total throughput - Dth (Sch 2C, ln 2)	19,809	4,073,269	282,776	2,530,151	326,182	24,056	7,256,243
11	Fixed balancing cost per unit throughput (ln 9 / ln 10)	\$0.009	\$0.009	\$0.009	\$0.009	\$0.009	\$0.009	
12	PEPL monthly balancing variable costs (ln 25 * Sch 2C, ln 19)	\$17	\$3,566	\$247	\$2,215	\$285	\$21	\$6,351
13	Estimated monthly total throughput excl Basic - Dth (Sch 2C, ln 2)	19,809	4,073,269	282,776	2,530,151	326,182	24,056	7,256,243
14	Net monthly balancing variable costs per unit throughput (ln 12 / ln 13)	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	\$0.001	
15	Total PEPL Balancing cost per unit throughput (ln 11 + ln 14)	\$0.010	\$0.010	\$0.010	\$0.010	\$0.010	\$0.010	

Calculation of Fixed Costs

16	PEPL demand cost					A Monthly Fixed Costs	
17	PEPL Retail Demand Costs (line 16 * 91%) 1/					\$687,317	
18	PEPL Balancing Demand Costs (line 16 * 9%) 1/					\$625,458	
						\$61,859	

Calculation of Monthly Variable Costs

	A	B	C	D	E	F	G	H	I
	Volumes		Storage Rates			Costs			
January 2021	Inject.	W/Drl.	Inject.	W/Drl.	Comp. Fuel	Inject. (A x C)	W/Drl. (B x D)	Compressor Fuel	Total (F+G+H)
19 PEPL Injections (Net)	0		0.0020			\$0			\$0
20 (100 - day firm) (Midpoint)	0		0.0094		0	0		\$0	0
21 PEPL Withdrawals (Gross)		1,200,000		0.0020			2,400		2,400
22 (100 - day firm) (Net)		1,172,901		0.0094	27,099		11,025	57,144	68,169
23 Total (ln 19 + ln20 + ln21 + ln22)						\$0	\$13,425	\$57,144	\$70,569
24 PEPL Retail Variable Costs (line 23 * 91%) 1/									\$64,218
25 PEPL Balancing Variable Costs (line 23 * 9%) 1/									\$6,351

1/ Percentages from Balancing Study - 2 year average Apr., 2008 - Mar., 2010 PEPL-WSS

Citizens Gas  
Estimated Cost of Gas Injections and Withdrawals  
For The Month Ending January 31, 2021

Line No.	A		B		C		D		E		F		G		H		I	
	Estimated Change										Estimated Cost of Gas							
	Injections		Withdrawals		Injections		Withdrawals		Net									
	Dth	Dth	Dth	Dth	Demand	Commodity	Demand	Commodity	Demand	Commodity	Demand	Commodity	Demand	Commodity	Total			
<u>January 2021</u>																		
4	Greene Co.	0	1,600,000		0	0	743,040	2,998,880	743,040	2,998,880	743,040	2,998,880	743,040	2,998,880	3,741,920			
5	PEPL WSS	0	1,200,000		0	0	630,000	1,900,440	630,000	1,900,440	630,000	1,900,440	630,000	1,900,440	2,530,440			
6	Subtotal	<u>0</u>	<u>2,800,000</u>		<u>0</u>	<u>0</u>	<u>1,373,040</u>	<u>4,899,320</u>	<u>1,373,040</u>	<u>4,899,320</u>	<u>1,373,040</u>	<u>4,899,320</u>	<u>1,373,040</u>	<u>4,899,320</u>	<u>6,272,360</u>			

Citizens Gas  
Demand Allocation of Injections and Withdrawals  
Greene Co.  
For The Month Ending January 31, 2021

Line No.	A Volume DTH	B Demand Cost	C Commodity Cost	D Total Cost	E Total \$/DTH	F Comm \$/DTH
4	Beginning Balance @ January 2021	6,156,743	2,859,143	11,539,333	14,398,476	2.3387
5	Add: Net injections at cost	0	0	0	0.0000	0.0000
6	Less: Gross withdrawals - avg. unit cost	(1,600,000)	(743,040)	(2,998,880)	(3,741,920)	2.3387
7	Ending Balance @ January 31, 2021	4,556,743	2,116,103	8,540,453	10,656,556	2.3386

Citizens Gas  
Demand Allocation of Injections and Withdrawals  
From PEPL FS  
For The Month Ending January 31, 2021

Line No.	A Volume DTH	B Demand Cost	C Commodity Cost	D Total Cost	E Total \$/DTH	F Comm \$/DTH
4	Beginning Balance @ January 2021	4,592,370	2,410,939	7,272,923	9,683,862	2.1087
5	Add: Net injections at cost	0	0	0	0.0000	0.0000
6	Less: Gross withdrawals - avg. unit cost	(1,200,000)	(630,000)	(1,900,440)	(2,530,440)	2.1087
7	Ending Balance @ January 31, 2021	3,392,370	1,780,939	5,372,483	7,153,422	2.1087

Citizens Gas

Updated Monthly Price Calculation for the month of:

January 2021

NYMEX		\$	2.6820	NYMEX Dated - December 16, 2020	
<u>PEPL</u>					
		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Basis		\$	(0.1844)	\$	(0.2254)
		\$	-	\$	-
		\$	2.4976	\$	3.0686
fuel%	3.50%	\$	0.9650	\$	0.9650
		\$	2.5882	\$	3.1799
transportation		\$	0.0457	\$	0.0457
		\$	<u>2.6339</u>	Benchmark Price	\$ <u>3.2256</u>

NYMEX		Difference
As of ☐	40-day filing	
December 16, 2020		
<b>2.6820</b>	<b>3.2940</b>	<b>(0.6120)</b>

The NYMEX price used in the Jan., 2021 MPU filing is uncapped.

TGT

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Basis		\$	(0.1805)	\$	(0.1507)
		\$	-	\$	-
		\$	2.5015	\$	3.1433
fuel%	0.54%	\$	0.9946	\$	0.9946
		\$	2.5151	\$	3.1604
transportation		\$	0.0501	\$	0.0501
		\$	<u>2.5652</u>	Benchmark Price	\$ <u>3.2105</u>

Midwestern(Chicago)

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Basis		\$	(0.0455)	\$	0.1958
		\$	-	\$	-
		\$	2.6365	\$	3.4898
fuel%	1.00%	\$	0.9900	\$	0.9900
		\$	2.6631	\$	3.5251
transportation		\$	0.0020	\$	0.0020
		\$	<u>2.6651</u>	Benchmark Price	\$ <u>3.5271</u>

PEPL (Prepay)

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Basis		\$	(0.1844)	\$	(0.2254)
		\$	(0.3200)	\$	(0.3200)
		\$	2.1776	\$	2.7486
fuel%	3.50%	\$	0.9650	\$	0.9650
		\$	2.2566	\$	2.8483
transportation		\$	0.0457	\$	0.0457
Monthly Price		\$	<u>2.3023</u>	Benchmark Price	\$ <u>2.8940</u>

PEAK B

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Negotiated Mkt. Discount		\$	(0.2075)	\$	(0.2075)
		\$	-	\$	-
		\$	2.4745	\$	3.0865
fuel%	0.00%	\$	-	\$	-
		\$	2.4745	\$	3.0865
transportation		\$	-	\$	-
Monthly Price		\$	<u>2.4745</u>	\$	<u>3.0865</u>

REX - TOR

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Negotiated Mkt. Discount		\$	(0.5943)	\$	(0.3839)
		\$	0.0700	\$	0.0700
		\$	2.1577	\$	2.9801
fuel%	2.97%	\$	0.9703	\$	0.9722
		\$	2.2237	\$	3.0653
transportation		\$	0.0254	\$	0.0257
Monthly Price		\$	<u>2.2491</u>	\$	<u>3.0910</u>

PEAK A

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Negotiated Mkt. Discount		\$	-	\$	-
		\$	(0.3350)	\$	(0.3900)
		\$	2.3470	\$	2.9040
fuel%	0.00%	\$	1.0000	\$	1.0000
		\$	2.3470	\$	2.9040
transportation		\$	-	\$	-
Monthly Price		\$	<u>2.3470</u>	\$	<u>2.9040</u>

TGT-Rex East

		MPU		40-day filing	Diff
		Price		Price	
Nymex		\$	2.6820	\$	3.2940 \$ (0.6120)
Negotiated Mkt. Discount		\$	(0.1358)	\$	(0.0498)
		\$	0.0050	\$	0.0050
		\$	2.5512	\$	3.2492
fuel%	0.54%	\$	0.9946	\$	0.9946
		\$	2.5651	\$	3.2658
transportation		\$	0.0501	\$	0.0501
		\$	<u>2.6152</u>	\$	<u>3.3169</u>

CITIZENS GAS  
Dollar Impact of GCA 148 Monthly Update for January 2021 on Typical Residential Heating Customer  
In Comparison to Rate IURC Approved in Quarterly GCA for January 2021

Dth	January 2021 Per Order	January 2021 Per Monthly Update	\$ Diff. Monthly Update v. Order	% Diff. Monthly Update v. Order
5	43.24	42.41	(0.83)	(1.92%)
10	69.98	68.33	(1.65)	(2.36%)
15	96.72	94.24	(2.48)	(2.56%)
20	123.46	120.16	(3.30)	(2.67%)
25	150.20	146.07	(4.13)	(2.75%)

CITIZENS GAS  
Dollar Impact of GCA 148 Monthly Update for January 2021 on Typical Residential Heating Customer  
In Comparison to Rates Currently in Effect

Dth	Bill @ December 2020	January 2021 Per Monthly Update	\$ Diff. January 2021 December 2020	% Diff. January 2021 December 2020
5	42.71	42.41	(0.30)	(0.70%)
10	68.92	68.33	(0.59)	(0.86%)
15	95.13	94.24	(0.89)	(0.94%)
20	121.34	120.16	(1.18)	(0.97%)
25	147.55	146.07	(1.48)	(1.00%)

CITIZENS GAS  
Dollar Impact of GCA 148 Monthly Update for January 2021 on Typical Residential Heating Customer  
In Comparison to Rates in Effect One Year Ago

Dth	Bill @ January 2020	January 2021 Per Monthly Update	\$ Diff. January 2021 January 2020	% Diff. January 2021 January 2020
5	42.82	42.41	(0.41)	(0.96%)
10	69.15	68.33	(0.82)	(1.19%)
15	95.47	94.24	(1.23)	(1.29%)
20	121.80	120.16	(1.64)	(1.35%)
25	148.12	146.07	(2.05)	(1.38%)