

BEFORE THE

INDIANA UTILITY REGULATORY COMMISSION

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

**SUBMISSION OF
MONTHLY PRICE UPDATE FOR FEBRUARY 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 February 2021 is provided herewith. Substitute One-Hundred Thirteenth 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 February 1, 2021.

Respectfully submitted,

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

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the Monthly Price Update for February 2021 was served upon the Office of Utility Consumer Counselor via electronic mail on January 27, 2021 to the following:

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Substitute One-Hundred Thirteenth Revised Page No. 501
Superseding Substitute One-Hundred Twelfth Revised Page No. 501

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 February 1, 2021

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

Gas Rate No. D1	Gas Supply Charge	\$	0.2781
Gas Rate No. D2	Gas Supply Charge	\$	0.2899
Gas Rate No. D3	Gas Supply Charge	\$	0.3521
Gas Rate No. D4	Gas Supply Charge	\$	0.2662
Gas Rate No. D5	Gas Supply Charge	\$	-
Gas Rate No. D7	Gas Supply Charge	\$	0.3472

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

Capacity	\$	0.0776
Commodity	\$	0.2198
Gas Supply Charge	\$	0.2974

3. Balancing Charges: \$ per Therm

Gas Rate No. D3	\$	0.0007	\$	-	for Basic Delivery Service Option
Gas Rate No. D4	\$	0.0009	\$	0.0001	for Basic Delivery Service Option
Gas Rate No. D5	\$	0.0017	\$	0.0001	for Basic Delivery Service Option
Gas Rate No. D7	\$	0.0007			
Gas Rate No. D9	\$	0.0242	\$	0.0012	for Basic Delivery Service Option

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

Effective: February 1, 2021

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

Line No.	A Demand	B Commodity and Other	C Total
<u>Estimated Cost of Gas</u>			
1			
Purchased gas cost (Schedule 3, Page 3, ln 16)	\$2,353,252	\$6,128,229	\$8,481,481
2			
PEPL Unnominated Quantities cost (Schedule 4 pg 3, ln 16 col A + ln 23)	-	739,534	739,534
3			
Gas (injected into) withdrawn from storage - net cost (Schedule 5, ln 9)	1,701,360	6,031,552	7,732,912
4			
Total estimated gas cost (ln 1 through ln 3)	\$4,054,612	\$12,899,315	\$16,953,927
5			
Total Gas Supply variance (Sch 1, February, total of ln 17)	-	(1,272,852)	(1,272,852)
6			
Total Balancing Demand variance (total of Sch 1 pg 2 ln 11 + Sch. 1, ln 28)		(23,819)	(23,819)
7			
Dollars to be refunded (Schedule 12A, ln 16 * Sch 2B, ln 29, col. F)	-	-	-
8			
Total cost to be recovered through GCA (ln 4 + ln 5 + ln 6 - ln 7)	\$4,054,612	\$11,602,644	\$15,657,256
9			
Net Write-Off Recovery Costs (ln 8 * 1.10%)			\$172,230
10			
Total cost to be recovered through GCA (ln. 8 + ln 9)			\$15,829,486

Citizens Gas
Determination of Gas Supply Charge with Demand Cost Allocated
Estimated for February 2021
To Be Applied to February 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
	<u>Calculation of Gas Supply Charge per Unit (Dth)</u>					
11	Balancing Demand Cost Variance (Sch 12B, pg 2, ln 13 * Sch 2C, ln 24)	(\$103)	(\$15,949)	-	-	-
12	Throughput excluding Basic - Dth (Sch 2C, ln 3)	18,188	4,042,802	-	-	-
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 3 ln 8)	\$0.724	\$0.729	\$1.380	\$0.655	-
15	Monthly balancing demand cost per unit for GR D1 & D2 only (Sch 1A, pg 3, ln 11)	0.005	0.005	-	-	-
16	Total demand cost to be recovered through GCA (ln 13 + ln 14 + ln 15)	\$0.723	\$0.730	\$1.380	\$0.655	\$0.000
17	Total variance (Sch 12B, pg 1, ln 15) * (Sch 2B, ln 29)	(5,420)	(789,652)	(4,184)	(473,596)	0
18	Dollars to be refunded ((ln 7) * Sch 2B, ln 25)	0	0	0	0	0
19	Other non-demand gas costs (ln 4, col B - ln 2, col B) * (Sch 2B, ln 25)	39,154	8,703,668	56,701	3,360,258	0
20	Total monthly non-demand costs to be recovered through Gas Supply Charge (ln 17 - ln 18 + ln 19)	\$33,734	\$7,914,016	\$52,517	\$2,886,662	\$0
21	Sales subject to GCA - Dth (Schedule 2B, ln 3)	18,188	4,042,802	26,336	1,560,817	0
22	Total monthly non-demand costs per unit sales (ln 20 / ln 21)	\$1.855	\$1.958	\$1.994	\$1.849	\$0.000
23	Net Write-Off Recovery Cost (Sch 1C, pg 3 ln 4)	0.040	0.039	0.017	0.009	0.000
24	PEPL Unnominated Quantities Retail Cost (Sch 4, pg 3 ln 8)	0.115	0.122	0.081	0.112	0.000
25	PEPL Balancing Cost for Gas Rates D1 & D2 only (Sch 4, pg 3, ln 15)	0.009	0.009	-	-	-
26	Gas Supply Charge to be recovered through GCA (ln 16 + ln 22 + ln 23 + ln 24 + ln 25)	\$2.742	\$2.858	\$3.472	\$2.625	\$0.000
27	Gas Supply Charge modified for Indiana Utility Receipts Tax (ln 26 / (1 - 1.40%))	\$2.781	\$2.899	\$3.521	\$2.662	\$0.000

Citizens Gas
Determination of Balancing Demand Charge per Unit (Dth)
Estimated For the Period February 2021
To Be Applied to the February 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 24)	(\$1,859)	(\$11,817)	\$818	\$5,091
29	Throughput excluding Basic - Dth (Sch 2C, ln 3)	255,952	2,344,761	294,056	22,624
30	Total Balancing Demand Cost variance per unit of throughput (ln 28/ ln 29)	(\$0.0073)	(\$0.0050)	\$0.0028	\$0.2250
31	Monthly balancing demand charge per unit of throughput (Sch 1A, pg 3, ln 11)	0.005	0.005	0.005	0.005
32	PEPL balancing demand charge per unit of throughput (Sch 4, pg 3, ln 15)	0.0090	0.0090	0.0090	0.0090
33	Total balancing demand charge per unit of throughput (ln 30 + ln 31 + ln 32)	\$0.0067	\$0.0090	\$0.0168	\$0.2390
34	Total balancing demand charge modified for Indiana Utilities Receipts Tax (ln 33 / (1-1.40%))	\$0.007	\$0.009	\$0.017	\$0.242

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

Line No.		A Gas Rate <u>No. D3/No. D7</u>	B Gas Rate <u>No. D4</u>	C Gas Rate <u>No. D5</u>	D Gas Rate <u>No. D9</u>
	<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>0.0003</u>	<u>0.0005</u>	<u>0.0008</u>	<u>0.0120</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 February 2021
To Be Applied to February 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 3, ln 2)	\$155,396
38	Monthly retail demand costs for Gas Rate Nos. D3 & D4 (Sch 1A, pg 3, ln 6)	<u>1,059,258</u>
39	Total retail demand costs for Gas Rates Nos. D3 & D4 (ln 37 + ln 38)	\$1,214,654
40	Estimated monthly retail sales Dths for Gas Rates D3 & D4 (Sch. 2B, line 3)	<u>1,587,153</u>
41	Back-up supply capacity charge per unit (ln 39 / ln 40)	<u>\$0.765</u>
42	Back-up supply capacity charge modified for Indiana Utilities Receipts Tax (ln 41 / (1-1.40%))	<u><u>\$0.776</u></u>
43	PEPL monthly variable costs for Gas Rate Nos. D3 & D4 (Sch 4, pg 3, ln 5)	\$22,007
44	Total monthly non-demand costs for Gas Rate Nos. D3 & D4 (Sch 1, ln 18 + ln 19)	<u>3,416,959</u>
45	Total retail non-demand costs for Gas Rates Nos. D3 & D4 (ln 43 + ln 44)	\$3,438,966
46	Estimated monthly retail sales Dths for Gas Rates D3 & D4 (Sch. 2B, ln 3)	<u>1,587,153</u>
47	Back-up supply commodity charge per unit (ln 45 / ln 46)	<u>\$2.167</u>
48	Back-up supply commodity charge modified for Indiana Utilities Receipts Tax (ln 47 / (1-1.40%))	<u><u>\$2.198</u></u>
49	Total Back-up Gas Supply Charge (ln 42 + ln 48)	<u><u>\$2.974</u></u>

Citizens Gas
Allocation of Monthly Demand Cost
February 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
<u>Calculation of Demand Cost per Unit</u>							
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)	\$12,106	\$2,706,567	\$33,393	\$939,807	-	\$3,691,873
5	Monthly TGT Unnom. demand costs - retail (ln 18 * 90%) * ln 3)	<u>1,070</u>	<u>239,337</u>	<u>2,953</u>	<u>83,105</u>	-	<u>326,465</u>
6	Total monthly retail demand costs (ln 4 + ln 5)	\$13,176	\$2,945,904	\$36,346	\$1,022,912	-	\$4,018,338
7	Estimated monthly retail sales- Dth (Sch 2B, ln 3)	<u>18,188</u>	<u>4,042,802</u>	<u>26,336</u>	<u>1,560,817</u>	-	<u>5,648,143</u>
8	Monthly retail demand cost per unit sales (ln 6 / ln 7)	<u>\$0.724</u>	<u>\$0.729</u>	<u>\$1.380</u>	<u>\$0.655</u>	-	<u>\$0.711</u>
9	Monthly balancing demand costs (ln 18 * 10%) * (Sch. 2C, ln 20)	95	21,014	1,330	12,188	1,529	36,274
10	Estimated monthly total throughput - Dth (Sch 2C, ln 3)	<u>18,188</u>	<u>4,042,802</u>	<u>255,952</u>	<u>2,344,761</u>	<u>294,056</u>	<u>6,978,383</u>
11	Monthly balancing demand cost per unit of throughput (ln 9 / ln 10)	<u>\$0.005</u>	<u>\$0.005</u>	<u>\$0.005</u>	<u>\$0.005</u>	<u>\$0.005</u>	<u>\$0.005</u>

<u>Calculation of Monthly Demand Costs</u>		<u>Demand Cost</u>
12	Exelon Generation Company, LLC	
13	Nominated Demand Costs	\$ 1,043,683
13a	TGT Unnominated Demand Costs	\$ 362,739
14	REX Winter 2021 Demand Charges	\$ 286,997
15	IMGPA Prepay Demand Costs	\$ 287,734
16	Demand Cost (Sch 3 ln 15 col G)	\$ 372,099
16	Demand Cost (Sch 5 Ln 9 Col G)	\$ 1,701,360
17	Monthly retail demand costs (ln 12 + sum(ln 14 + ln15 + ln16))	<u>\$ 3,691,873</u>
18	Unnominated Demand Costs (ln 13)	<u>\$362,739</u>
19	Total Monthly demand costs (ln 17 + ln 18)	<u>\$4,054,612</u>

Citizens Gas
Determination of Gas Cost Adjustment (GCA)
Estimation Period February 1, 2021 through February 28, 2021
UAF Component in Rates (\$/DTH)

Line No.		C <u>February 2021</u>
1	Volume of pipeline gas purchases (Sch. 3) - Dths	2,320,833
2	Volume of Gas (injected into) withdrawn from storage (See Schedule 3B) - Dths	<u>3,424,771</u>
3	Total volume supplied - Dths	5,745,604
4	Less: Gas Division usage - Dths	<u>(20,369)</u>
5	Total volume of gas available for sale - Dths (ln 3 + ln 4)	5,725,235
6	UAF Percentage 1.360%	<u>1.360%</u>
7	UAF Volumes - Dths (ln 5 * ln 6)	77,863
8	Average Commodity Rate - Schedule 3A	<u>\$2.6405</u>
9	UAF Costs (ln 7 * ln 8)	\$205,597
10	Schedule 2B Retail sales volumes	<u>5,648,143</u>
11	UAF Component in rates - \$ per Dth (ln 9 / ln 10) 1/	\$0.0364

1/ For informational purposes only.

Citizens Gas
Allocation of Net Write-Off Recovery Cost
February 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	\$724	\$156,554	\$444	\$14,388	\$120	\$172,230
3	Estimated retail sales- Dth (Sch 2B, ln 3)	<u>18,188</u>	<u>4,042,802</u>	<u>26,336</u>	<u>1,560,817</u>	<u>0</u>	<u>5,648,143</u>
4	Net Write-Off Recovery cost per unit sales (ln 2 / ln 3)	<u>\$0.040</u>	<u>\$0.039</u>	<u>\$0.017</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
29 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
	Estimated Retail Sales Volumes (Dth) for Twelve Months Ending November 2021						
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
February 2021**

		A	B	C	D	E	F	G	H	I	J
		Estimated Purchases			Supplier Rates Estimated			Estimated Costs			
Line		Commodity									
No.	Month and Supplier	Demand	MCF	DTH	Demand \$/DTH	Commodity \$/DTH	Other \$/MCF	Demand (A x D)	Commodity (C x E)	Other	Total (G+H+I)
	February 2021										
Exelon	Generation Company, LLC										
1	Panhandle Eastern Pipeline - TOR			-		\$2.7327			\$0		\$0
2	Texas Gas Transmission - TOR			-		2.6746			-		-
3	TGT-REX			-		2.7070			-		-
4	Indiana Municipal Gas Purchasing Authority - TOR			16,744		2.7327			45,756		45,756
5	Indiana Municipal Gas Purchasing Authority - Prepay			461,776		2.4011			1,108,770		1,108,770
6	PEAK B			280,000		2.5295			708,260		708,260
7	Rockies Express Pipeline - TOR			279,050		2.5443			709,987		709,987
8	PEAK A			280,000		2.3470			657,160		657,160
9	Midwestern Gas Transmission Purchases			-		2.7868			-		-
10	Fixed Price Purchases										
11	Hedging Transaction Costs								289,115		289,115
12	Boil-off / Peaking purchase			42,263		2.7370			115,674		115,674
13	Net Demand Cost Charges - AMA							1,406,422	-		1,406,422
13a	REX Winter 2021 Demand Charges	25,000			11.4799			286,997			286,997
14	Demand Cost Charges -IMGPA - Prepay	17,090			16.8364			287,734	-		287,734
15	Texas Gas - NNS - (Injections)/Withdrawals			961,000	0.3872	2.5947		372,099	2,493,507		2,865,606
16	Total			2,320,833				\$2,353,252	\$6,128,229	-	\$8,481,481

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

Line No	Description	Feb 2021
	<u>Commodity Volumes (Dth)</u>	
	Purchases for Retail:	
1	Panhandle TOR	0
2	IMGPA TOR	16,744
3	IMGPA Prepay	461,776
4	Midwestern Gas	0
5	Rockies Express TOR - Monthly	279,050
6	PEAK A	280,000
7	Fixed Price Purchases (Sch. 3)	0
8	Texas Gas TOR	0
9	TGT-Rex East	0
10	PEAK B	280,000
11	Texas Gas NNS	961,000
12	Boil-off/ Peaking purchases (Sch. 3)	42,263
	Total Retail Volumes (Ln1 through Ln12)	2,320,833
	<u>Demand Rate</u>	
14	Total Demand Costs (Sch. 3)	\$2,353,252
15	Demand Cost per Dth (Line 14 / Line 13)	\$1.0140
	<u>Commodity Rate</u>	
16	Panhandle TOR	\$2.7327
17	IMGPA TOR	2.7327
18	IMGPA Prepay	2.4011
19	Annual Delivery Service - Midwestern Gas	2.7868
20	Rockies Express TOR - Monthly	2.5443
21	PEAK A	2.3470
22	Fixed Price Purchases (Sch. 3)	0.0000
23	Texas Gas TOR	2.6746
24	TGT-Rex East	2.7070
25	Texas Gas NNS	2.5947
26	Boil-off/ Peaking purchases (Sch. 3)	2.7370
27	PEAK B	2.5295
	<u>Commodity Costs</u>	
28	PEPL (Ln 1 x Ln 16)	\$0
29	IMGPA - TOR (Ln 2 x Ln 17)	45,756
30	IMGPA - Authority Prepay (Ln 3 x Ln 18)	1,108,770
31	Midwestern (Ln 4 x Ln 19)	0
32	Rockies Express TOR (Ln 5 X Ln 20)	709,987
33	PEAK A (Ln 6 X Ln 21)	657,160
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)	2,493,507
38	Boil-off/ Peaking purchases (Ln 12 x Ln 26)	115,674
39	PEAK B (Ln 10 x Ln 27)	708,260
40	Hedging Transaction Costs (Sch 3)	289,115
41	Subtotal(Ln 28 through Ln 40)	\$6,128,229
42	Commodity Cost per Dth (Line 41/Line 13)	\$2.6405
43	Total Average Rate per Dth (Line 15 + Line 42)	\$3.6545

Citizens Gas
Projected Information
For The Month Ending February 28, 2021

	A	B	C	D	E
	Feb 2021	Volumes in Dths	Commodity Cost per Dth	% of Total	
15	Fixed Price Purchases	-	\$ -	0.00%	Sch 3 pg 3 line 10
16	Monthly Spot Market - Index Purchases	1,317,570	\$ 2.6709	22.93%	Sch 3 pg 3 (line 16 - line 10 - line 12 - line 15)
17	Boil off/Peaking Purchases	42,263	\$ 2.7370	0.74%	Sch 3 pg 3 line 12
18	Unnominated Seasonal Gas Purchases	961,000	\$ 2.5947	16.73%	Sch 3 pg 3 line 15
19	Storage Withdrawal - Net	3,424,771	\$ 1.7432	59.60%	Sch 5 line 9 col B - Sch 4pg 3 ln 22 Col E
20	Storage Injection - Gross	-	\$ -	0.00%	Sch 5 line 9 col A - Sch 4 pg 3 ln 20 Col E
21	Total Net Purchases	5,745,604		100.00%	

Citizens Gas
Allocation of Panhandle Unnominated Quantities Cost
February 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)	\$1,840	\$432,257	\$1,865	\$153,531	\$0	-	\$589,493
3	Estimated monthly retail sales- Dth (Sch 2B, ln 3)	18,188	4,042,802	26,336	1,560,817	0	-	5,648,143
4	Fixed cost per unit retail sales (ln 2 / ln 3)	<u>\$0.101</u>	<u>\$0.107</u>	<u>\$0.071</u>	<u>\$0.098</u>	<u>\$0.000</u>	<u>-</u>	
5	PEPL monthly retail variable costs (ln 24 * ln 1)	\$261	\$61,215	\$264	\$21,743	\$0	-	\$83,483
6	Estimated monthly retail sales- Dth (Sch 2B, ln 3)	18,188	4,042,802	26,336	1,560,817	0	-	5,648,143
7	Net monthly retail variable costs per unit sales (ln 5 / ln 6)	<u>\$0.014</u>	<u>\$0.015</u>	<u>\$0.010</u>	<u>\$0.014</u>	<u>\$0.000</u>	<u>-</u>	
8	Total PEPL cost per unit retail sales (ln 4 + ln 7)	<u>\$0.115</u>	<u>\$0.122</u>	<u>\$0.081</u>	<u>\$0.112</u>	<u>\$0.000</u>	<u>-</u>	
9	PEPL balancing demand costs (ln 18* Sch 2C, ln 20)	\$152	\$33,776	\$2,138	\$19,589	\$2,457	\$189	\$58,301
10	Estimated monthly total throughput - Dth (Sch 2C, ln 3)	18,188	4,042,802	255,952	2,344,761	294,056	22,624	6,978,383
11	Fixed balancing cost per unit throughput (ln 9 / ln 10)	<u>\$0.008</u>	<u>\$0.008</u>	<u>\$0.008</u>	<u>\$0.008</u>	<u>\$0.008</u>	<u>\$0.008</u>	
12	PEPL monthly balancing variable costs (ln 25 * Sch 2C, ln 20)	\$22	\$4,783	\$303	\$2,774	\$348	\$27	\$8,257
13	Estimated monthly total throughput excl Basic - Dth (Sch 2C, ln 3)	18,188	4,042,802	255,952	2,344,761	294,056	22,624	6,978,383
14	Net monthly balancing variable costs per unit throughput (ln 12 / ln 13)	<u>\$0.001</u>	<u>\$0.001</u>	<u>\$0.001</u>	<u>\$0.001</u>	<u>\$0.001</u>	<u>\$0.001</u>	
15	Total PEPL Balancing cost per unit sales (ln 11 + ln 14)	<u>\$0.009</u>	<u>\$0.009</u>	<u>\$0.009</u>	<u>\$0.009</u>	<u>\$0.009</u>	<u>\$0.009</u>	

Calculation of Fixed Costs

16	PEPL demand cost					A Monthly Fixed Costs	
						\$647,794	
17	PEPL Retail Demand Costs (line 16 * 91%) 1/					<u>\$589,493</u>	
18	PEPL Balancing Demand Costs (line 16 * 9%) 1/					<u>\$58,301</u>	

Calculation of Monthly Variable Costs

	A	B	C	D	E	F	G	H	I
	Volumes		Storage Rates			Costs			
February 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)		1,560,000		0.0020			3,120		3,120
22 (100 - day firm) (Net)		1,524,771		0.0094	35,229		14,333	74,287	88,620
23 Total (ln 19 + ln20 + ln21 + ln22)						<u>\$0</u>	<u>\$17,453</u>	<u>\$74,287</u>	<u>\$91,740</u>
24 PEPL Retail Variable Costs (line 23 * 91%) 1/									<u>\$83,483</u>
25 PEPL & 3 Balancing Variable Costs (line 23 * 9%) 1/									<u>\$8,257</u>

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 February 28, 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>February 2021</u>																		
7	Greene Co.	0	1,900,000		0	0	882,360	3,560,980	882,360	3,560,980	882,360	3,560,980	882,360	3,560,980	4,443,340			
8	PEPL WSS	0	1,560,000		0	0	819,000	2,470,572	819,000	2,470,572	819,000	2,470,572	819,000	2,470,572	3,289,572			
9	Subtotal	<u>0</u>	<u>3,460,000</u>		<u>0</u>	<u>0</u>	<u>1,701,360</u>	<u>6,031,552</u>	<u>1,701,360</u>	<u>6,031,552</u>	<u>1,701,360</u>	<u>6,031,552</u>	<u>1,701,360</u>	<u>6,031,552</u>	<u>7,732,912</u>			

Citizens Gas
Demand Allocation of Injections and Withdrawals
Greene Co.
For The Month Ending February 28, 2021

Line No.	A Volume DTH	B Demand Cost	C Commodity Cost	D Total Cost	E Total \$/DTH	F Comm \$/DTH
7 Beginning Balance @ February 2021	4,556,743	2,116,103	8,540,453	10,656,556	2.3386	1.8742
8 Add: Net injections at cost	0	0	0	0	0.0000	0.0000
9 Less: Gross withdrawals - avg. unit cost	(1,900,000)	(882,360)	(3,560,980)	(4,443,340)	2.3386	1.8742
10 Ending balance @ February 28, 2021	<u>2,656,743</u>	<u>\$1,233,743</u>	<u>\$4,979,473</u>	<u>\$6,213,216</u>	<u>\$2.3387</u>	<u>\$1.8743</u>

Citizens Gas
Demand Allocation of Injections and Withdrawals
From PEPL FS
For The Month Ending February 28, 2021

Line No.	A Volume DTH	B Demand Cost	C Commodity Cost	D Total Cost	E Total \$/DTH	F Comm \$/DTH
7 Beginning Balance @ February 2021	3,392,370	1,780,939	5,372,483	7,153,422	2.1087	1.5837
8 Add: Net injections at cost	0	0	0	0	0.0000	0.0000
9 Less: Gross withdrawals - avg. unit cost	(1,560,000)	(819,000)	(2,470,572)	(3,289,572)	2.1087	1.5837
10 Ending balance @ February 28, 2021	1,832,370	\$961,939	\$2,901,911	\$3,863,850	\$2.1087	\$1.5837

Citizens Gas

Updated Monthly Price Calculation for the month of:

February 2021

NYMEX		\$	2.7370	NYMEX Dated - January 19, 2021	
<u>PEPL</u>	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Basis	\$	(0.1440)		\$	(0.2578)
	\$	-		\$	-
	\$	2.5930		\$	2.9902
fuel% 3.50%	\$	0.9650		\$	0.9650
	\$	2.6870		\$	3.0987
transportation	\$	0.0457		\$	0.0457
	<u>\$</u>	<u>2.7327</u>	Benchmark Price	<u>\$</u>	<u>3.1444</u>

NYMEX		Difference
As of January 19, 2021	40-day filing	
2.7370	3.2480	(0.5110)

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

<u>TGT</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Basis	\$	(0.1267)		\$	(0.1355)
	\$	-		\$	-
	\$	2.6103		\$	3.1125
fuel% 0.54%	\$	0.9946		\$	0.9946
	\$	2.6245		\$	3.1294
transportation	\$	0.0501		\$	0.0501
	<u>\$</u>	<u>2.6746</u>	Benchmark Price	<u>\$</u>	<u>3.1795</u>

<u>Midwestern(Chicago)</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Basis	\$	2.7370		\$	3.2480 \$ (0.5110)
0	\$	0.0200		\$	0.1984
	\$	-		\$	-
	\$	2.7570		\$	3.4464
0 1.00%	\$	0.9900		\$	0.9900
	\$	2.7848		\$	3.4812
Prevailing Market Price	\$	0.0020		\$	0.0020
	<u>\$</u>	<u>2.7868</u>	Benchmark Price	<u>\$</u>	<u>3.4832</u>

<u>PEPL (Prepay)</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Basis	\$	(0.1440)		\$	(0.2578)
	\$	(0.3200)		\$	(0.3200)
	\$	2.2730		\$	2.6702
fuel% 3.50%	\$	0.9650		\$	0.9650
	\$	2.3654		\$	2.7670
transportation	\$	0.0457		\$	0.0457
Monthly Price	<u>\$</u>	<u>2.4011</u>	Benchmark Price	<u>\$</u>	<u>2.8127</u>

<u>PEAK B</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Negotiated Mkt. Discount	\$	(0.2075)		\$	(0.2075)
	\$	-		\$	-
	\$	2.5295		\$	3.0405
fuel% 0.00%	\$	-		\$	-
	\$	2.5295		\$	3.0405
transportation	\$	-		\$	-
Monthly Price	<u>\$</u>	<u>2.5295</u>		<u>\$</u>	<u>3.0405</u>

<u>REX-TOR</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Negotiated Mkt. Discount	\$	(0.3628)		\$	(0.3888)
	\$	0.0700		\$	0.0700
	\$	2.4442		\$	2.9292
fuel% 2.98%	\$	0.9702		\$	0.9722
	\$	2.5193		\$	3.0130
transportation	\$	0.0250		\$	0.0257
Monthly Price	<u>\$</u>	<u>2.5443</u>		<u>\$</u>	<u>3.0387</u>

<u>PEAK A</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Negotiated Mkt. Discount	\$	-		\$	-
	\$	(0.3900)		\$	(0.3900)
	\$	2.3470		\$	2.8580
fuel% 0.00%	\$	1.0000		\$	1.0000
	\$	2.3470		\$	2.8580
transportation	\$	-		\$	-
Monthly Price	<u>\$</u>	<u>2.3470</u>		<u>\$</u>	<u>2.8580</u>

<u>TGT-Rex East</u>					
	40-day filing			40-day filing	
	Price			Price	Diff
Nymex	\$	2.7370		\$	3.2480 \$ (0.5110)
Negotiated Mkt. Discount	\$	(0.0994)		\$	(0.0646)
	\$	0.0050		\$	0.0050
	\$	2.6426		\$	3.1884
fuel% 0.54%	\$	0.9946		\$	0.9946
	\$	2.6569		\$	3.2057
transportation	\$	0.0501		\$	0.0501
	<u>\$</u>	<u>2.7070</u>		<u>\$</u>	<u>3.2558</u>

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

Dth	February 2021 Per Order	February 2021 Per Monthly Update	\$ Diff. Monthly Update v. Order	% Diff. Monthly Update v. Order
5	43.23	42.65	(0.58)	(1.34%)
10	69.96	68.81	(1.15)	(1.64%)
15	96.69	94.96	(1.73)	(1.79%)
20	123.42	121.12	(2.30)	(1.86%)
25	150.15	147.27	(2.88)	(1.92%)

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

Dth	Bill @ January 2021	February 2021 Per Monthly Update	\$ Diff. February 2021 January 2021	% Diff. February 2021 January 2021
5	42.41	42.65	0.24	0.57%
10	68.33	68.81	0.48	0.70%
15	94.24	94.96	0.72	0.76%
20	120.16	121.12	0.96	0.80%
25	146.07	147.27	1.20	0.82%

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

Dth	Bill @ February 2020	February 2021 Per Monthly Update	\$ Diff. February 2021 February 2020	% Diff. February 2021 February 2020
5	41.73	42.65	0.92	2.20%
10	66.96	68.81	1.85	2.76%
15	92.19	94.96	2.77	3.00%
20	117.42	121.12	3.70	3.15%
25	142.65	147.27	4.62	3.24%