

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**VOLUME I
(Part 3 of 3)**

RESPONSES TO FILING REQUIREMENTS

ON BEHALF OF PHILADELPHIA GAS WORKS

PHILADELPHIA GAS WORKS

R-2023-3037933

FEBRUARY 2023

INDEX

Volume I Filing Requirements

Part 1 of 3

Index
Statement of Reasons
Filing Requirements

Part 2 of 3

Filing Requirements

Part 3 of 3

Filing Requirements

Volume II Direct Testimony

Statement 1 – Denise Adamucci
Statement 2 – Joseph F. Golden, Jr.
Statement 3 – James C. Lover
Statement 4 – Harold Walker III
Statement 5 – Constance E. Heppenstall
Statement 6 – Florian Teme
Statement 7 – Robert K. Smith

Volume III Proposed Tariff Supplements and Current Tariffs

Exhibit FT-1 Proposed Gas Service Tariff Supp. No. 159 (Redlined)
Exhibit FT-1 Proposed Gas Service Tariff Supp. No. 159 (Clean)
Exhibit FT-1 Current Gas Service Tariff
Exhibit FT-2 Proposed Supplier Tariff Supp. No. 105 (Redlined)
Exhibit FT-2 Proposed Supplier Tariff Supp. No. 105 (Clean)
Exhibit FT-2 Current Supplier Tariff

III. BALANCE SHEET AND OPERATING STATEMENT

E. GAS UTILITIES, IN ADDITION TO PROVIDING THE INFORMATION REQUESTED IN "A." HEREINABOVE:

III.E.1. If Unrecovered Fuel Cost policy is implemented, provide the following:

III.E.1.a. State manner in which amount of Unrecovered Fuel Cost on balance sheet at the end of the test year was determined, and the month in test year in which such fuel expense was actually incurred. Provide amount of adjustment made on the rate case operating account for test year-end unrecovered fuel cost. (If different than balance sheet amount, explain.)

III.E.1.b. Provide amount of Unrecovered Fuel Cost that appeared on the balance sheet at the opening date of the test year, and the manner in which it was determined. State whether this amount is in the test year operating account.

RESPONSE:

1.a.

Over/under collection of fuel costs for the period September 2022 through August 2023 are anticipated to be immaterial at the end of the future test year.

Over/under collection of fuel costs for the period September 2023 through August 2024 are anticipated to be immaterial at the end of the fully projected future test year.

1.b.

The opening unrecovered fuel cost at the beginning of the fully projected future test year is \$686 (C Factor -1,273 + E Factor 1,959 = \$686). This amount is in the fully projected future test year operating account. See attached spreadsheet.

Philadelphia Gas Works' Base Rate Filing

GCR 8(a)

FISCAL YEAR 2023
PHILADELPHIA GAS WORKS

Rate	Split Month		7/1/2022	9/1/2022	10/1/2022	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023										
	9/1/2022	10/1/2022																							
SSC in Effect	\$	9.1655	\$	9.0520	\$	8.9384																			
GAC in Effect	\$	(0.1505)	\$	0.0019	\$	0.1542																			
IRC in Effect	\$	(0.0093)	\$	(0.0100)	\$	(0.0106)																			
Total Effective	\$	9.0057	\$	9.0439	\$	9.0820																			
Percentage of Total																									
C-Factor		101.8%		100.1%		98.4%																			
E-Factor		-1.7%		0.0%		1.7%																			
IRC-Factor		-0.1%		-0.1%		-0.1%																			
Total		100%		100%		100%																			
C-Factor																									
Demand Charge in Effect	\$	1.9504	\$	1.9315	\$	1.9126																			
Commodity in Effect	\$	7.2151	\$	7.1205	\$	7.0258																			
Total	\$	9.1655	\$	9.0520	\$	8.9384																			
Percentage of Total																									
Demand Charge in Effect		21.3%		21.3%		21.4%																			
Commodity in Effect		78.7%		78.7%		78.6%																			
Total		100%		100%		100%																			
Fiscal Year 2022 E-Factor																									
C-Factor		Over/(Under)		Over/(Under)		Over/(Under)		Over/(Under)		Over/(Under)		Over/(Under)		Over/(Under)											
	\$	(11,450,832)	\$	5,630,296	\$	(415,944)	\$	(6,236,480)																	
Fiscal Year 2022-2023																									
GCR Firm Sales	\$	864,233	\$	1,143,825	\$	2,669,515	\$	4,956,310	\$	9,241,170	\$	7,852,606	\$	5,938,581	\$	3,971,259	\$	1,791,179	\$	1,070,723	\$	928,296	\$	882,970	
Migration Rider Sales																									
GCR Revenue Billed	\$	7,815,995	\$	10,388,220	\$	24,244,533	\$	45,013,206	\$	83,928,306	\$	71,317,368	\$	53,934,189	\$	36,066,978	\$	16,267,488	\$	9,724,310	\$	8,430,784	\$	8,019,138	
Migration Rider Revenue Billed	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Load Balancing Billed	\$	231,502	\$	231,776	\$	232,061	\$	232,336	\$	232,763	\$	233,057	\$	233,396	\$	233,675	\$	233,953	\$	234,232	\$	234,500	\$	234,778	
LNG Sales Demand Charge Credit	\$	3,144	\$	3,249	\$	3,144	\$	3,249	\$	3,249	\$	2,934	\$	3,249	\$	3,144	\$	3,249	\$	3,144	\$	3,249	\$	3,249	
Total Revenue Billed	\$	8,050,641	\$	10,623,245	\$	24,479,739	\$	45,248,790	\$	84,164,318	\$	71,553,359	\$	54,170,834	\$	36,303,797	\$	16,504,690	\$	9,961,686	\$	8,668,533	\$	8,257,165	
Natural Gas Refunds	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Demand Charges	\$	6,101,973	\$	6,049,150	\$	7,075,652	\$	7,387,584	\$	7,386,279	\$	7,418,009	\$	7,322,823	\$	6,210,337	\$	6,161,305	\$	6,208,807	\$	6,159,819	\$	6,159,099	
Supply Charges	\$	5,814,112	\$	13,247,291	\$	30,528,083	\$	51,779,594	\$	64,009,716	\$	52,755,374	\$	37,312,807	\$	15,424,752	\$	7,584,928	\$	4,586,369	\$	4,750,835	\$	4,752,264	
Net Cost of Fuel	\$	11,916,085	\$	19,296,441	\$	37,603,735	\$	59,167,178	\$	71,395,995	\$	60,173,383	\$	44,635,630	\$	21,635,090	\$	13,746,233	\$	10,795,175	\$	10,910,654	\$	10,911,362	

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST OF FUEL	TOTAL GCR REVENUE	C FACTOR % of GCR	C FACTOR REVENUE BILLED	LOAD BALANCING REVENUE	LNG SALES GCR BILLED	TOTAL C FACTOR REVENUE BILLED	NATURAL GAS REFUNDS	OVER/UNDER RECOVERY	CUMULATIVE OVER/UNDER
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2022	11,916,085	7,815,995	100.1%	7,822,995	231,502	3,144	8,057,641	0	(3,858,444)	(3,858,444)
OCTOBER	19,296,441	10,388,220	98.4%	10,223,966	231,776	3,249	10,458,992	0	(8,837,450)	(12,695,894)
NOVEMBER	37,603,735	24,244,533	98.4%	23,861,191	232,061	3,144	24,096,396	0	(13,507,338)	(26,203,232)
DECEMBER	59,167,178	45,013,206	98.4%	44,301,479	232,336	3,249	44,537,064	0	(14,630,114)	(40,833,346)
JANUARY 2023	71,395,995	83,928,306	98.4%	82,601,274	232,763	3,249	82,837,286	0	11,441,291	(29,392,055)
FEBRUARY	60,173,383	71,317,368	98.4%	70,189,733	233,057	2,934	70,425,725	0	10,252,342	(19,139,713)
MARCH	44,635,630	53,934,189	98.4%	53,081,409	233,396	3,249	53,318,054	0	8,682,424	(10,457,289)
APRIL	21,635,090	36,066,978	98.4%	35,496,705	233,675	3,144	35,733,524	0	14,098,434	3,641,145
MAY	13,746,233	16,267,488	98.4%	16,010,274	233,953	3,249	16,247,476	0	2,501,244	6,142,389
JUNE	10,795,175	9,724,310	98.4%	9,570,554	234,232	3,144	9,807,930	0	(987,245)	5,155,144
JULY	10,910,654	8,430,784	98.4%	8,297,481	234,500	3,249	8,535,230	0	(2,375,424)	2,779,719
AUGUST	10,911,362	8,019,138	98.4%	7,892,343	234,778	3,249	8,130,370	0	(2,780,992)	(1,273)
Totals	372,186,961	375,150,513		369,349,406	2,798,030	38,253	372,185,688	0	(1,273)	

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

MONTH	GCR SALES 1	TOTAL E-FACTOR VOLUMES 2	TOTAL GCR REVENUE BILLED 3	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=(3*4)	OVER/(UNDER) PROJECTED RECOVERY 6
PRIOR YEAR E-FACTOR						
SEPTEMBER 2022	864,233	864,233	7,815,995	0.0%	1,599	(6,234,881)
OCTOBER	1,143,825	1,143,825	10,388,220	1.7%	176,378	(6,058,503)
NOVEMBER	2,669,515	2,669,515	24,244,533	1.7%	411,639	(5,646,864)
DECEMBER	4,956,310	4,956,310	45,013,206	1.7%	764,263	(4,882,601)
JANUARY 2023	9,241,170	9,241,170	83,928,306	1.7%	1,424,988	(3,457,613)
FEBRUARY	7,852,606	7,852,606	71,317,368	1.7%	1,210,872	(2,246,741)
MARCH	5,938,581	5,938,581	53,934,189	1.7%	915,729	(1,331,012)
APRIL	3,971,259	3,971,259	36,066,978	1.7%	612,368	(718,644)
MAY	1,791,179	1,791,179	16,267,488	1.7%	276,200	(442,444)
JUNE	1,070,723	1,070,723	9,724,310	1.7%	165,106	(277,338)
JULY	928,296	928,296	8,430,784	1.7%	143,143	(134,195)
AUGUST	882,970	882,970	8,019,138	1.7%	136,154	1,959
TOTAL	41,310,668	41,310,668	375,150,513		6,238,439	

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.2. Provide details of items and amounts comprising the accounting entries for Deferred Fuel Cost at the beginning and end of the test year.

RESPONSE:

Please see the attached schedule, which supports the deferred fuel costs at the beginning of the test year. GCR Statement of Reconciliation for September 2021 - August 2022.

Over/under collection of the fuel costs for the period September 2022 - August 2023 are anticipated to be immaterial at the end of the test year.

Over/under collection of the fuel costs for the period September 2023 - August 2024 are anticipated to be immaterial at the end of the test year.

Philadelphia Gas Works' Base Rate Filing

Schedule 4(b)

FISCAL YEAR 2022
 PHILADELPHIA GAS WORKS
 C-FACTOR RECONCILIATION

MONTH	NET COST OF FUEL 1	TOTAL GCR REVENUE BILLED 2	C FACTOR % of GCR 3	C FACTOR REVENUE BILLED 4 = (2 * 3)	LOAD BALANCING REVENUE 5	LNG SALES GCR BILLED REVENUE 6	TOTAL C FACTOR REVENUE BILLED 7 = (4 + 5 + 6)	NATURAL GAS REFUNDS 8	OVER/ (UNDER) RECOVERY 9 = (7 + 8 - 1)	CUMULATIVE OVER/(UNDER) 10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2021	\$ 9,170,138	\$ 3,980,567	107.5%	\$ 4,278,667	\$ 183,531	\$ -	\$ 4,462,198	\$ -	\$ (4,707,940)	\$ (4,707,940)
OCTOBER	\$ 13,088,803	\$ 5,014,637	109.1%	\$ 5,468,829	\$ 207,616	\$ -	\$ 5,676,445	\$ 14,453	\$ (7,397,904)	\$ (12,105,844)
NOVEMBER	\$ 28,807,921	\$ 14,188,678	109.1%	\$ 15,473,795	\$ 212,570	\$ -	\$ 15,686,365	\$ 113,192	\$ (13,008,364)	\$ (25,114,208)
DECEMBER	\$ 30,545,364	\$ 31,177,480	107.5%	\$ 33,518,262	\$ 178,011	\$ -	\$ 33,696,273	\$ -	\$ 3,150,909	\$ (21,963,299)
JANUARY 2022	\$ 40,605,254	\$ 45,391,847	106.3%	\$ 48,229,404	\$ 205,700	\$ -	\$ 48,435,104	\$ 244	\$ 7,830,094	\$ (14,133,205)
FEBRUARY	\$ 37,800,462	\$ 47,376,566	106.3%	\$ 50,338,192	\$ 208,528	\$ -	\$ 50,546,720	\$ -	\$ 12,746,258	\$ (1,386,947)
MARCH	\$ 30,767,726	\$ 32,056,069	104.8%	\$ 33,591,256	\$ 208,725	\$ -	\$ 33,799,981	\$ -	\$ 3,032,254	\$ 1,645,307
APRIL	\$ 16,537,542	\$ 21,393,379	103.2%	\$ 22,082,947	\$ 221,239	\$ -	\$ 22,304,187	\$ -	\$ 5,766,645	\$ 7,411,952
MAY	\$ 16,333,422	\$ 11,286,047	103.2%	\$ 11,649,828	\$ 218,826	\$ -	\$ 11,868,654	\$ -	\$ (4,464,769)	\$ 2,947,183
JUNE	\$ 13,474,984	\$ 8,040,028	102.3%	\$ 8,227,416	\$ 196,649	\$ -	\$ 8,424,066	\$ 1,971	\$ (5,048,948)	\$ (2,101,765)
JULY	\$ 12,663,812	\$ 7,763,620	101.8%	\$ 7,901,380	\$ 212,239	\$ -	\$ 8,113,618	\$ 130,858	\$ (4,419,336)	\$ (6,521,100)
AUGUST	\$ 12,227,979	\$ 6,967,453	101.8%	\$ 7,091,086	\$ 213,544	\$ -	\$ 7,304,630	\$ (6,382)	\$ (4,929,731)	\$ (11,450,832)
Total	\$ 262,023,409	\$ 234,636,371		\$ 247,851,063	\$ 2,467,178	\$ -	\$ 250,318,241	\$ 254,336	\$ (11,450,832)	\$ (5,820,536)

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

PRIOR YEAR E-FACTOR MONTH	GCR SALES		TOTAL E-FACTOR VOLUMES		TOTAL GCR REVENUE BILLED		E-FACTOR % of GCR		E-FACTOR GCR REVENUE BILLED		OVER/(UNDER) PROJECTED RECOVERY	
	1	(MCF)	2	(MCF)	3	(\\$)	4	(%)	5=(3 * 4)	(\\$)	6	(\\$)
SEPTEMBER 2021	Actual	913,407	913,407		\$ 3,980,567		-7.4%	(294,235)	\$ 18,252,115			
OCTOBER	Actual	1,029,990	1,029,990		\$ 5,014,637		-8.9%	(448,535)	\$ 17,803,581			
NOVEMBER	Actual	2,908,995	2,908,995		\$ 14,188,678		-8.9%	(1,269,107)	\$ 16,534,473			
DECEMBER	Actual	5,546,970	5,546,970		\$ 31,177,480		-7.4%	(2,302,972)	\$ 14,231,502			
JANUARY 2022	Actual	7,591,287	7,591,287		\$ 45,391,847		-6.1%	(2,779,401)	\$ 11,452,101			
FEBRUARY	Actual	7,891,365	7,891,365		\$ 47,376,566		-6.1%	(2,900,928)	\$ 8,551,173			
MARCH	Actual	5,564,386	5,564,386		\$ 32,056,069		-4.7%	(1,491,333)	\$ 7,059,840			
APRIL	Actual	3,807,575	3,807,575		\$ 21,393,379		-3.1%	(658,311)	\$ 6,401,530			
MAY	Actual	2,002,748	2,002,748		\$ 11,286,047		-3.1%	(347,291)	\$ 6,054,239			
JUNE	Actual	1,067,323	1,067,323		\$ 8,040,028		-2.2%	(177,763)	\$ 5,876,476			
JULY	Actual	861,110	861,110		\$ 7,763,620		-1.7%	(129,743)	\$ 5,746,733			
AUGUST	Actual	773,722	773,722		\$ 6,967,453		-1.7%	(116,438)	\$ 5,630,296			
TOTAL		39,958,878	39,958,878		\$ 234,636,371				\$ (12,916,055)			
									\$ (11,450,832)			\$ (5,820,536)

Philadelphia Gas Works' Base Rate Filing

GCR 8(a)

FISCAL YEAR 2023
PHILADELPHIA GAS WORKS

Rate	Split Month		C-Factor	E-Factor	Interest	FY 2022
	7/1/2022	10/1/2022				
SSC in Effect	\$ 9.1655	\$ 9.0520	\$ 1.9315	\$ 1.9126	\$ 8.9384	\$ 8.9384
GAC in Effect	\$ (0.1505)	\$ 0.0019	\$ 7.1205	\$ 7.0258	\$ 0.1542	\$ 0.1542
IRC in Effect	\$ (0.0093)	\$ (0.0100)	\$ 9.0520	\$ 8.9384	\$ (0.0106)	\$ (0.0106)
Total Effective	\$ 9.0057	\$ 9.0439	\$ 9.0520	\$ 8.9384	\$ 9.0820	\$ 9.0820
Percentage of Total	101.8%	100.1%	100.1%	98.4%	98.4%	98.4%
C-Factor	-1.7%	0.0%	0.0%	1.7%	1.7%	1.7%
E-Factor	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
IRC-Factor	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%
Demand Charge in Effect	\$ 1.9504	\$ 1.9315	\$ 1.9315	\$ 1.9126	\$ 1.9126	\$ 1.9126
Commodity in Effect	\$ 7.2151	\$ 7.1205	\$ 7.1205	\$ 7.0258	\$ 7.0258	\$ 7.0258
Total	\$ 9.1655	\$ 9.0520	\$ 9.0520	\$ 8.9384	\$ 8.9384	\$ 8.9384
Percentage of Total	21.3%	21.3%	21.3%	21.4%	21.4%	21.4%
Demand Charge in Effect	78.7%	78.7%	78.7%	78.6%	78.6%	78.6%
Commodity in Effect	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%
C-Factor	100%	100%	100%	100%	100%	100%
Demand Charge in Effect	\$ 1.9504	\$ 1.9315	\$ 1.9315	\$ 1.9126	\$ 1.9126	\$ 1.9126
Commodity in Effect	\$ 7.2151	\$ 7.1205	\$ 7.1205	\$ 7.0258	\$ 7.0258	\$ 7.0258
Total	\$ 9.1655	\$ 9.0520	\$ 9.0520	\$ 8.9384	\$ 8.9384	\$ 8.9384
Percentage of Total	21.3%	21.3%	21.3%	21.4%	21.4%	21.4%
Demand Charge in Effect	78.7%	78.7%	78.7%	78.6%	78.6%	78.6%
Commodity in Effect	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%
C-Factor	100%	100%	100%	100%	100%	100%

Fiscal Year 2022 E-Factor	C-Factor		E-Factor		Interest		FY 2022	
	Over/(Under)	Over/(Under)	Over/(Under)	Over/(Under)	Estimated	Final	E-Factor	Final E-Factor
\$ (11,450,832)	\$ 5,630,296	\$ (415,944)	\$ (415,944)	\$ (6,236,480)				

Fiscal Year 2022-2023	Sep-2022		Oct-2022		Nov-2022		Dec-2022		Jan-2023		Feb-2023		Mar-2023		Apr-2023		May-2023		Jun-2023		Jul-2023		Aug-2023		
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
GCR Firm Sales	\$ 864,233	\$ 1,143,825	\$ 1,143,825	\$ 1,143,825	\$ 2,669,515	\$ 2,669,515	\$ 4,956,310	\$ 4,956,310	\$ 9,241,170	\$ 9,241,170	\$ 7,852,606	\$ 7,852,606	\$ 5,938,581	\$ 5,938,581	\$ 3,971,259	\$ 3,971,259	\$ 1,791,179	\$ 1,791,179	\$ 1,070,723	\$ 1,070,723	\$ 928,296	\$ 928,296	\$ 882,970	\$ 882,970	
Migration Rider Sales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GCR Revenue Billed	\$ 7,815,995	\$ 10,388,220	\$ 10,388,220	\$ 10,388,220	\$ 24,244,533	\$ 24,244,533	\$ 45,013,206	\$ 45,013,206	\$ 83,928,306	\$ 83,928,306	\$ 71,317,368	\$ 71,317,368	\$ 53,934,189	\$ 53,934,189	\$ 36,066,978	\$ 36,066,978	\$ 16,267,488	\$ 16,267,488	\$ 9,724,310	\$ 9,724,310	\$ 8,430,784	\$ 8,430,784	\$ 8,019,138	\$ 8,019,138	
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 231,502	\$ 231,776	\$ 231,776	\$ 232,061	\$ 232,336	\$ 232,621	\$ 232,906	\$ 233,191	\$ 233,476	\$ 233,761	\$ 234,046	\$ 234,331	\$ 234,616	\$ 234,901	\$ 235,186	\$ 235,471	\$ 235,756	\$ 236,041	\$ 236,326	\$ 236,611	\$ 236,896	\$ 237,181	\$ 237,466	\$ 237,751	\$ 238,036
LNG Sales Demand Charge Credit	\$ 3,144	\$ 3,249	\$ 3,249	\$ 3,354	\$ 3,459	\$ 3,564	\$ 3,669	\$ 3,774	\$ 3,879	\$ 3,984	\$ 4,089	\$ 4,194	\$ 4,299	\$ 4,404	\$ 4,509	\$ 4,614	\$ 4,719	\$ 4,824	\$ 4,929	\$ 5,034	\$ 5,139	\$ 5,244	\$ 5,349	\$ 5,454	\$ 5,559
Total Revenue Billed	\$ 8,050,641	\$ 10,853,745	\$ 10,853,745	\$ 10,853,745	\$ 24,479,739	\$ 24,479,739	\$ 45,248,790	\$ 45,248,790	\$ 84,164,318	\$ 84,164,318	\$ 71,553,359	\$ 71,553,359	\$ 54,170,834	\$ 54,170,834	\$ 36,303,797	\$ 36,303,797	\$ 16,504,690	\$ 16,504,690	\$ 9,961,686	\$ 9,961,686	\$ 8,668,533	\$ 8,668,533	\$ 8,257,165	\$ 8,257,165	
Natural Gas Refunds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand Charges	\$ 6,101,973	\$ 6,049,150	\$ 6,049,150	\$ 6,049,150	\$ 7,075,652	\$ 7,075,652	\$ 7,387,584	\$ 7,387,584	\$ 7,386,279	\$ 7,386,279	\$ 7,418,009	\$ 7,418,009	\$ 7,322,823	\$ 7,322,823	\$ 6,210,337	\$ 6,210,337	\$ 6,161,305	\$ 6,161,305	\$ 6,208,807	\$ 6,208,807	\$ 6,159,819	\$ 6,159,819	\$ 6,159,099	\$ 6,159,099	
Supply Charges	\$ 5,814,112	\$ 13,247,291	\$ 13,247,291	\$ 13,247,291	\$ 30,528,083	\$ 30,528,083	\$ 51,779,594	\$ 51,779,594	\$ 64,009,716	\$ 64,009,716	\$ 52,755,374	\$ 52,755,374	\$ 37,312,807	\$ 37,312,807	\$ 15,424,752	\$ 15,424,752	\$ 7,584,928	\$ 7,584,928	\$ 4,586,369	\$ 4,586,369	\$ 4,750,835	\$ 4,750,835	\$ 4,752,264	\$ 4,752,264	
Net Cost of Fuel	\$ 11,916,085	\$ 19,296,441	\$ 19,296,441	\$ 19,296,441	\$ 37,603,735	\$ 37,603,735	\$ 59,167,178	\$ 59,167,178	\$ 71,395,995	\$ 71,395,995	\$ 60,173,383	\$ 60,173,383	\$ 44,635,630	\$ 44,635,630	\$ 21,635,090	\$ 21,635,090	\$ 13,746,233	\$ 13,746,233	\$ 10,795,175	\$ 10,795,175	\$ 10,910,654	\$ 10,910,654	\$ 10,911,362	\$ 10,911,362	

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST OF FUEL	TOTAL GCR REVENUE BILLED	C FACTOR % of GCR	C FACTOR REVENUE BILLED	LOAD BALANCING REVENUE	LNG SALES GCR BILLED	TOTAL C FACTOR REVENUE BILLED	NATURAL GAS REFUNDS	OVER/ (UNDER) RECOVERY	CUMULATIVE OVER/(UNDER)
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2022	11,916,085	7,815,995	100.1%	7,822,995	231,502	3,144	8,057,641	0	(3,858,444)	(3,858,444)
OCTOBER	19,296,441	10,388,220	98.4%	10,223,966	231,776	3,249	10,458,992	0	(8,837,450)	(12,695,894)
NOVEMBER	37,603,735	24,244,533	98.4%	23,861,191	232,061	3,144	24,096,396	0	(13,507,338)	(26,203,232)
DECEMBER	59,167,178	45,013,206	98.4%	44,301,479	232,336	3,249	44,537,064	0	(14,630,114)	(40,833,346)
JANUARY 2023	71,395,995	83,928,306	98.4%	82,601,274	232,763	3,249	82,837,286	0	11,441,291	(29,392,055)
FEBRUARY	60,173,383	71,317,368	98.4%	70,189,733	233,057	2,934	70,425,725	0	10,252,342	(19,139,713)
MARCH	44,635,630	53,934,189	98.4%	53,081,409	233,396	3,249	53,318,054	0	8,682,424	(10,457,289)
APRIL	21,635,090	36,066,978	98.4%	35,496,705	233,675	3,144	35,733,524	0	14,098,434	3,641,145
MAY	13,746,233	16,267,488	98.4%	16,010,274	233,953	3,249	16,247,476	0	2,501,244	6,142,389
JUNE	10,795,175	9,724,310	98.4%	9,570,554	234,232	3,144	9,807,930	0	(987,245)	5,155,144
JULY	10,910,654	8,430,784	98.4%	8,297,481	234,500	3,249	8,535,230	0	(2,375,424)	2,779,719
AUGUST	10,911,362	8,019,138	98.4%	7,892,343	234,778	3,249	8,130,370	0	(2,780,992)	(1,273)
Totals	372,186,961	375,150,513		369,349,406	2,798,030	38,253	372,185,688	0	(1,273)	

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

MONTH	GCR SALES		TOTAL E-FACTOR VOLUMES		TOTAL GCR REVENUE		E-FACTOR % of GCR	E-FACTOR GCR REVENUE	OVER/(UNDER) PROJECTED RECOVERY
	1	2	3	4	5	6			
	(MCF)	(MCF)	(MCF)	(MCF)	(\$)	(\$)	(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR									
SEPTEMBER 2022	864,233	864,233	7,815,995	0.0%	\$ 1,599	\$ (6,234,881)			
OCTOBER	1,143,825	1,143,825	10,388,220	1.7%	\$ 176,378	\$ (6,058,503)			
NOVEMBER	2,669,515	2,669,515	24,244,533	1.7%	\$ 411,639	\$ (5,646,864)			
DECEMBER	4,956,310	4,956,310	45,013,206	1.7%	\$ 764,263	\$ (4,882,601)			
JANUARY 2023	9,241,170	9,241,170	83,928,306	1.7%	\$ 1,424,988	\$ (3,457,613)			
FEBRUARY	7,852,606	7,852,606	71,317,368	1.7%	\$ 1,210,872	\$ (2,246,741)			
MARCH	5,938,581	5,938,581	53,934,189	1.7%	\$ 915,729	\$ (1,331,012)			
APRIL	3,971,259	3,971,259	36,066,978	1.7%	\$ 612,368	\$ (718,644)			
MAY	1,791,179	1,791,179	16,267,488	1.7%	\$ 276,200	\$ (442,444)			
JUNE	1,070,723	1,070,723	9,724,310	1.7%	\$ 165,106	\$ (277,338)			
JULY	928,296	928,296	8,430,784	1.7%	\$ 143,143	\$ (134,195)			
AUGUST	882,970	882,970	8,019,138	1.7%	\$ 136,154	\$ 1,959			
TOTAL	41,310,668	41,310,668	375,150,513		6,238,439	\$ (6,236,480)			



**FISCAL YEAR 2024
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST OF FUEL	TOTAL GCR REVENUE	C FACTOR % of GCR	C FACTOR REVENUE BILLED	LOAD BALANCING REVENUE	LNG SALES GCR BILLED	TOTAL C FACTOR REVENUE BILLED	NATURAL GAS REFUNDS	OVER/ (UNDER) RECOVERY	CUMULATIVE OVER/(UNDER)
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2023	10,983,262	7,151,510	99.1%	7,090,007	234,637	3,145	7,327,789	0	(3,655,473)	(3,655,473)
OCTOBER	16,699,141	8,594,710	100.0%	8,595,394	234,897	3,250	8,833,540	0	(7,865,601)	(11,521,074)
NOVEMBER	28,754,557	20,079,324	100.0%	20,080,920	235,157	3,145	20,319,222	0	(8,435,335)	(19,956,409)
DECEMBER	47,204,749	37,291,825	100.0%	37,294,791	235,472	3,250	37,533,512	0	(9,671,237)	(29,627,645)
JANUARY 2024	58,136,925	69,546,207	100.0%	69,551,737	235,805	3,250	69,790,791	0	11,653,866	(17,973,779)
FEBRUARY	49,842,901	59,781,283	100.0%	59,786,037	236,127	2,935	60,025,098	0	10,182,197	(7,791,582)
MARCH	38,249,616	45,360,968	100.0%	45,364,575	236,556	3,250	45,604,380	0	7,354,765	(436,817)
APRIL	19,824,258	29,312,803	100.0%	29,315,134	236,888	3,145	29,555,167	0	9,730,908	9,294,091
MAY	12,970,306	13,077,256	100.0%	13,078,295	237,219	3,250	13,318,764	0	348,458	9,642,550
JUNE	10,552,687	7,989,708	100.0%	7,990,343	237,551	3,145	8,231,038	0	(2,321,649)	7,320,901
JULY	10,695,551	6,970,958	100.0%	6,971,512	237,871	3,250	7,212,633	0	(3,482,918)	3,837,983
AUGUST	10,709,224	6,630,485	100.0%	6,631,012	238,202	3,250	6,872,463	0	(3,836,760)	1,222
Totals	314,623,177	311,787,037		311,749,756	2,836,382	38,261	314,624,399	0	1,222	

**FISCAL YEAR 2024
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

MONTH	PRIOR YEAR E-FACTOR		TOTAL E-FACTOR VOLUMES 2 (MCF)	TOTAL GCR REVENUE 3 (\$)	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE 5=(3*4) (\$)	OVER/(UNDER) PROJECTED RECOVERY 6 (\$)
	GCR SALES 1 (MCF)	E-FACTOR VOLUMES 2 (MCF)					
SEPTEMBER 2023	860,182	860,182		7,151,510	1.0%	69,159	(268,346)
OCTOBER	1,138,991	1,138,991		8,594,710	0.1%	7,517	(260,829)
NOVEMBER	2,660,958	2,660,958		20,079,324	0.1%	17,562	(243,267)
DECEMBER	4,941,998	4,941,998		37,291,825	0.1%	32,617	(210,649)
JANUARY 2024	9,216,423	9,216,423		69,546,207	0.1%	60,828	(149,821)
FEBRUARY	7,922,353	7,922,353		59,781,283	0.1%	52,288	(97,534)
MARCH	6,011,340	6,011,340		45,360,968	0.1%	39,675	(57,859)
APRIL	3,884,600	3,884,600		29,312,803	0.1%	25,638	(32,220)
MAY	1,733,028	1,733,028		13,077,256	0.1%	11,438	(20,782)
JUNE	1,058,814	1,058,814		7,989,708	0.1%	6,988	(13,794)
JULY	923,807	923,807		6,970,958	0.1%	6,097	(7,697)
AUGUST	878,687	878,687		6,630,485	0.1%	5,799	(1,898)
TOTAL	41,231,182	41,231,182		311,787,037		335,607	

GCR 8 (c)

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.3. Submit a schedule showing a reconciliation of test year MCF sales and line losses. List all amounts of gas purchased, manufactured and transported.

RESPONSE:

Please see attached spreadsheet.

Philadelphia Gas Works' Base Rate Filing

III.E.03

Fully Projected Future Test Year FY 2024

CITY GATE REQUIREMENTS	Mcf
Sendout:	
Firm Customers	42,274,486
Co-Gen	405,301
LNG Sales	20,000
Firm Transport	6,511,805
GTS	13,391,473
IT	<u>11,941,905</u>
Total Sendout	74,544,971
Misc. Plant Use	119,646
Storage Injection/WD Fuel	312,394
Storage Injected	14,262,135
Transportation Fuel	878,499
LNG Liquified	<u>1,679,068</u>
Total	17,251,742
Total Required	<u><u>91,796,713</u></u>
CITY GATE SOURCES	Mcf
PGW Pipeline Supply	45,103,071
Interruptible Transport Supply	25,333,378
Pipeline delivered to FT	<u>5,495,480</u>
Total Net Pipeline	75,931,929
Gross Storage Withdrawal	13,263,621
Storage Delivered to FT	<u>1,016,325</u>
Total Storage	14,279,946
LNG Boiloff + Vaporization + Gas Sales	1,584,837
LNG delivered to FT	<u>0</u>
Total Net LNG	1,584,837
Sources	<u><u>91,796,713</u></u>
Total Billed Sales	41,647,280
Company Use	288,257
Firm Transport Sales	6,384,075
GTS	13,391,473
IT	11,631,416
Total Accounted For	<u>73,342,501</u>
Total Sendout	<u><u>74,544,971</u></u>
Line Loss (UAF) Volumes	1,202,470
Line Loss (UAF) %	2%

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.4. Provide detailed calculations substantiating the adjustment to revenues for annualization of changes in number of customers and annualization of changes in volume sold for all customers for the test year.

III.E.4.a. Break down changes in number of customers by rate schedules.

III.E.4.b. If an annualization adjustment for changes in customers and changes in volume sold is not submitted, please explain.

RESPONSE:

There are not any adjustments to revenues for annualization of changes in number of customers and annualization of changes in volume sold.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.5. Submit a schedule showing the sources of gas supply associated with annualized MCF sales.

RESPONSE:

Please see attached spreadsheet.

III.E.5

Fully Projected Future Test Year FY 2024

CITY GATE SOURCES	MCF
PGW Pipeline Supply	45,103,071
Interruptible Transport Supply	25,333,378
Pipeline delivered to FT	5,495,480
Total Net Pipeline	<u>75,931,929</u>
Gross Storage Withdrawal	13,263,621
Storage Delivered to FT	1,016,325
Total Storage	<u>14,279,946</u>
LNG Boiloff + Vaporization Gas Sales	1,602,352
LNG delivered to FT	-
Total Net LNG	<u>1,602,352</u>
LNG BTU Adjustment	(17,515)
TOTAL SOURCES	<u>91,796,713</u>

Philadelphia Gas Works' Base Rate Filing

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.6 Supply, by classification, Operating Revenues—Miscellaneous for test year.

RESPONSE:

Please see below:

PHILADELPHIA GAS WORKS
OPERATING REVENUE AND OTHER INCOME
TWELVE MONTHS ENDED AUGUST 31, 2022

OPERATING REVENUES

SALES OF GAS

480.0	Residential Sale	\$ 553,112,493
481.0	Commercial & Industrial Sales	115,550,586
482.0	Public Authority Sales	16,757,525
483.0	Sales for Resale	2,013
489.3	Gas Transportation Service Sales	70,055,822
495.0	Other Gas Revenues	<u>43,811,808</u>
	Total Gas Revenues	\$ 799,290,247

OTHER OPERATING REVENUE

487.0	Forfeited Discounts	14,282,408
488.0	Miscellaneous Service Revenue	<u>10,495,307</u>
	Total Other Revenue	\$ 24,777,715

PLUS APPLIANCE & OTHER REVENUE

403.0	Appliance Repair & Other Revenues	6,656,324
879.0	Customer Installation Expense	-
903.0	Customer Records & Collection Expense	<u>-</u>
	Total OPEX Credits	\$ 6,656,324
904.0	Appropriation for Uncollectible Reserve	\$ (25,287,000)

TOTAL OPERATING REVENUE \$ 805,437,286

Philadelphia Gas Works' Base Rate Filing

PHILADELPHIA GAS WORKS
OPERATING REVENUE AND OTHER INCOME
TWELVE MONTHS ENDED AUGUST 31, 2023

OPERATING REVENUES

SALES OF GAS

480.0	Residential Sale	\$ 662,042,000
481.0	Commercial & Industrial Sales	135,953,000
482.0	Public Authority Sales	26,718,000
483.0	Sales for Resale	24,000
489.3	Gas Transportation Service Sales	76,183,000
495.0	Other Gas Revenues	<u>(8,960,000)</u>
	Total Gas Revenues	\$ 891,960,000

OTHER OPERATING REVENUE

487.0	Forfeited Discounts	13,848,000
488.0	Miscellaneous Service Revenue	<u>11,183,000</u>
	Total Other Revenue	\$ 25,031,000

PLUS APPLIANCE & OTHER REVENUE

403.0	Appliance Repair & Other Revenues	6,641,000
879.0	Customer Installation Expense	-
903.0	Customer Records & Collection Expense	<u>-</u>
	Total OPEX Credits	\$ 6,641,000
904.0	Appropriation for Uncollectible Reserve	\$ (36,037,000)

TOTAL OPERATING REVENUE \$ 887,595,000

Philadelphia Gas Works' Base Rate Filing

PHILADELPHIA GAS WORKS
OPERATING REVENUE AND OTHER INCOME
TWELVE MONTHS ENDED AUGUST 31, 2024

OPERATING REVENUES

SALES OF GAS

480.0	Residential Sale	\$ 698,475,000
481.0	Commercial & Industrial Sales	122,666,000
482.0	Public Authority Sales	24,080,000
483.0	Sales for Resale	21,000
489.3	Gas Transportation Service Sales	74,589,000
495.0	Other Gas Revenues	-
	Total Gas Revenues	<u>\$ 919,831,000</u>

OTHER OPERATING REVENUE

487.0	Forfeited Discounts	14,187,000
488.0	Miscellaneous Service Revenue	<u>11,183,000</u>
	Total Other Revenue	<u>\$ 25,370,000</u>

PLUS APPLIANCE & OTHER REVENUE

403.0	Appliance Repair & Other Revenues	7,807,000
879.0	Customer Installation Expense	-
903.0	Customer Records & Collection Expense	-
	Total OPEX Credits	<u>\$ 7,807,000</u>

904.0	Appropriation for Uncollectible Reserve	\$ (36,919,000)
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TOTAL OPERATING REVENUE \$ 916,089,000

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.7. Provide details of respondent's attempts to recover uncollectible and delinquent accounts.

RESPONSE:

PGW follows 66 Pa. C.S. Chapter 14 statutory requirements and 52 Pa. Code Chapter 56 regulations for collection of residential and commercial customers' delinquent account balances. PGW assesses the collections risk of every account on a monthly basis. Depending on risk score, income level, and time of year, PGW utilizes outbound calling and/or execution of the service termination process to address delinquent accounts.

PGW refers final bill and bad debt placements to collection agencies for continuing collection activity. When service is terminated, the customer receives a final bill. Once the due date for the final bill has passed, PGW sends the customer a delinquency notice and places the account with a primary collection agency. If the primary collection agency is unable to collect the balance within 90 days, PGW writes off the balance and the account remains with the agency for another 90 days. If the primary collection agency is unable to collect the balance within 180 days, the account is sent to a secondary collection agency. If the secondary collection agency is unable to collect the balance within 180 days, the account is sent to a tertiary placement for two years. If the tertiary collection agency is unable to collect the balance within two years, the account is returned to PGW.

PGW also conducts ongoing internal matching and transfers bad debt account balances if the delinquent customer opens a new account with PGW.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.8. Describe how the *net* billing and *gross* billing is determined. For example, if the *net* billing is based on the rate blocks plus FCA and STA, and the *gross* billing is determined by a percentage increase (1, 3 or 5 percent), then state whether the percentage increase is being applied to all three items of revenue—rate blocks plus FCA and STA.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.9. Describe the procedures involved in determining whether forfeited discounts or penalties are applied to customer billing.

RESPONSE:

The procedures addressing the application of finance charges and return check fees to customer bills are addressed in the Gas Service Tariff provisions “4.2. FINANCE CHARGE ON LATE PAYMENTS” and “4.3. DISHONORED PAYMENTS”.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.10. Provide annualization of revenues as a result of rate changes occurring during the test year, at the level of operations as of end of the test year.

RESPONSE:

There are not any rate changes occurring during the fully projected future test year.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.11. Provide a detailed billing analysis supporting present and proposed rates by customer classification and/or tariff rate schedule.

RESPONSE:

See attached worksheet.

Philadelphia Gas Works' Base Rate Filing

Philadelphia Gas Works
FY 24

Base Rate Revenue at Current Rates

	FY 2023-2024			Current PUC-Approved Tariff Rates					Amounts in \$000s				Total Full Base Rate Revenue
	No. of Customers	No. of Annual Bills	Annual Deliveries (mcf)	Monthly Cust. Charge	Delivery Charge	Merchant Function Charge (MCF)	Gas Procurement Charge (GPC)	Cust. Charge Revenue	Delivery Charge Revenue	Merchant Function Charge (MCF) Revenue	Gas Procurement Charge (GPC) Revenue		
1 Non-Heating:													
2 Residential	12,860	154,325	327,215	\$14.90	\$7,2955	\$0.2732	\$0.0400	2,299	2,387	89	13	4,789	
3 Residential-Senior	248	2,976	6,004	\$14.90	\$7,2955	\$0.2732	\$0.0400	44	44	2	0	90	
4 Commercial	3,209	38,503	909,717	\$25.35	\$5,1908	\$0.0687	\$0.0400	976	4,722	62	36	5,797	
5 Industrial	90	1,085	92,252	\$75.90	\$5,1668	\$0.0317	\$0.0400	82	477	3	4	566	
6 Municipal/MS	240	2,880	211,257	\$25.35	\$4,7765	-	\$0.0400	73	1,009	0	8	1,091	
7 NGV	2	24	1,785	\$35.00	\$1,2833	-	\$0.0400	1	2	0	0	3	
8 Total Non-Heat Firm	16,649	199,793	1,548,231					3,476	8,641	156	62	12,336	
9													
10 Heating:													
11 Residential	442832	5,313,988	31,688,029	\$14.90	\$7,2955	\$0.2732	\$0.0400	79,178	231,180	8,657	1,268	320,283	
12 Residential-Senior	5642	67,698	465,766	\$14.90	\$7,2955	\$0.2732	\$0.0400	1,009	3,398	127	19	4,553	
13 Commercial	18366	220,389	5,842,292	\$25.35	\$5,1908	\$0.0687	\$0.0400	5,587	30,326	401	234	36,548	
14 Industrial	359	4,307	349,376	\$75.90	\$5,1668	\$0.0317	\$0.0400	327	1,805	11	14	2,157	
15 Municipal/MS	606	7,272	705,218	\$25.35	\$4,7765	-	\$0.0400	184	3,368	0	28	3,581	
16 PHA Rate 8	1035	12,420	418,601	\$25.35	\$5,4534	-	\$0.0400	315	2,283	0	17	2,614	
17 PHA/GS	1947	23,364	166,172	\$14.90	\$6,5393	\$0.2732	\$0.0400	348	1,087	45	7	1,487	
18 PHA/GS- Senior	13	156	1,188	\$14.90	\$6,5393	\$0.2732	\$0.0400	2	8	0	0	10	
19 Total Heat Firm	470,800	5,649,594	39,636,642					86,951	273,455	9,243	1,585	371,234	
20 Total Heat & Non-Heat Firm	487,449	5,849,387	41,184,873					90,427	282,096	9,399	1,647	383,569	
21													
22 Firm Transport													
23 Non-Heating:													
24 Residential	1,090	13,075	34,440	\$14.90	\$7,2955	-	-	195	251	0	0	446	
25 Commercial	553	6,631	442,942	\$25.35	\$5,1908	-	-	168	2,299	0	0	2,467	
26 Industrial	37	440	158,092	\$75.90	\$5,1668	-	-	33	817	0	0	850	
27 Municipal/MS	2	24	772	\$25.35	\$4,7765	-	-	1	4	0	0	4	
28 NGV	1	12	18,337	\$35.00	\$1,2833	-	-	0	24	0	0	24	
29 Total Non Heat FT	1,682	20,182	654,583					397,338	3,394,531	0	0	3,792	
30													
31 Heating:													
32 Residential	25,534	306,408	2,302,690	\$14.90	\$7,2955	-	-	4,565	16,799	0	0	21,365	
33 Commercial	2,552	30,628	3,122,912	\$25.35	\$5,1908	-	-	776	16,210	0	0	16,987	
34 Industrial	86	1,028	245,570	\$75.90	\$5,1668	-	-	78	1,269	0	0	1,347	
35 Municipal/MS	15	180	40,276	\$25.35	\$4,7765	-	-	5	192	0	0	197	
36 PHA/GS	185	2,220	18,045	\$14.90	\$6,5393	-	-	33	118	0	0	151	
37 Total Heat FT	28,372	340,464	5,729,492					5,458	34,589	0	0	40,046	
38 Total FT	30,054	360,646	6,384,075					5,855	37,983	0	0	43,838	
39													
40 Total Interruptible Sales	2	24	395,979					9				306	
41 Total PGW (Sales & FT)	517,505	6,210,057	47,964,926					96,290	320,080	9,399	1,647	427,713	
42 GTS/IT Revenue												13,902	
43 BUS	36	432	2,370					161	12	0	0	173	
44 TED	3	36	21,966					9	51	2	1	63	
45 NGS	1	12	21,973					5	60	2	1	68	
46 WNA Revenue													
47 LNG Sales Margin													
48 Total Full Tariff Revenue	96,465	320,204	9,402					96,465	320,204	9,402	1,649	441,995	

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.12. Provide a schedule showing residential and commercial heating sales by unit (MCF) per month and degree days for the test year and three preceding twelve month periods.

RESPONSE:

Please see attached spreadsheet

Philadelphia Gas Works' Base Rate Filing

134 EXHA-III.E.12

SALES Mcf

	SEPTEMBER Sep-20	OCTOBER Oct-20	NOVEMBER Nov-20	DECEMBER Dec-20	JANUARY Jan-21	FEBRUARY Feb-21	MARCH Mar-21	APRIL Apr-21	MAY May-21	JUNE Jun-21	JULY Jul-21	AUGUST Aug-21	TOTAL
NON-HEATING													
RESIDENTIAL	15,061	16,678	27,591	45,203	58,353	63,874	46,225	31,047	21,600	17,337	13,060	13,223	369,251
RESIDENTIAL AC													0
CRP	12	8	4	9	28	28	13	8	4	14	0	1	129
COMMERCIAL	55,263	58,573	66,094	90,424	109,580	119,401	99,458	73,072	46,661	56,284	81,802	79,886	936,498
COMMERCIAL-AC													0
BUS NH	32	22	23	29	157	144	97	48	39	54	72	34	753
NGS													0
INDUSTRIAL	4,202	3,410	6,298	12,367	13,603	17,220	12,931	6,411	3,431	3,816	3,496	5,423	9,230
INDUSTRIAL AC	1,548	1,946	5,763	9,887	14,027	18,637	14,002	9,279	7,155	4,604	4,134	3,866	91,690
MUNICIPAL													0
MUNICIPAL-AC													0
NGV FIRM	31	33	67	38	40	49	38	0	298	857	824	676	2,897
TOTAL FIRM NON-HEATING	76,150	80,669	105,930	157,968	195,769	219,353	172,764	120,070	79,197	83,225	106,857	106,349	1,504,022
INTERRUPTIBLE													
BPS-Small	0	0	0	0	0	116	(116)	0	0	0	0	0	0
LBS-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-XL-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG SALES	0	0	0	0	0	0	0	9,497	0	0	0	0	9,497
LNG-N SALES	0	0	0	0	69,427	29,149	0	0	0	0	0	0	98,576
LBS-L1	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-S	0	0	0	0	0	0	0	0	0	0	0	0	0
Off System Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
COGEN-J	1,241	1,140	1,243	1,414	15,106	29,372	30,808	32,392	28,780	28,975	31,331	34,798	236,601
GTS SALES	0	0	0	0	0	0	0	0	93,915	53,526	0	0	147,441
BPS-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV	0	0	0	0	5	0	0	0	0	0	0	0	5
TOTAL INTERRUPTIBLE	1,241	1,140	1,243	1,414	84,538	58,637	30,693	41,889	122,695	82,501	31,331	34,798	492,120
TOTAL NON-HEATING	77,391	81,809	107,073	159,382	280,327	277,990	203,457	161,960	201,892	165,726	137,988	35,473	1,996,142
HEATING													
RESIDENTIAL	576,870	697,948	1,707,140	3,577,752	5,017,826	5,707,429	3,833,480	2,023,908	1,069,567	647,561	513,963	470,983	25,844,427
RESIDENTIAL-AC	0	0	0	0	11	(11)	0	0	0	0	0	0	0
CRP	100,426	154,465	399,703	777,488	1,088,568	1,243,924	887,760	504,190	278,477	147,300	99,021	89,436	5,770,760
HOUSING AUTHORITY-GS	3,163	4,681	10,865	20,845	30,450	34,293	25,950	14,487	4,477	3,068	2,671	2,671	163,077
COMMERCIAL	171,490	203,683	398,704	762,255	979,806	1,127,612	805,231	476,204	254,424	202,122	172,540	165,671	5,719,742
COMMERCIAL-AC													0
BUS H	5	1	1	1	32	54	73	93	29	53	35	42	419
INDUSTRIAL	9,448	11,445	21,964	49,167	60,574	72,960	52,542	26,920	20,322	11,290	7,120	11,486	355,239
INDUSTRIAL AC	4,094	2,276	34,000	63,059	100,265	107,341	48,878	14,701	36,468	14,701	9,882	7,944	511,202
MUNICIPAL	1,395	2,130	4,721	69,120	79,371	88,325	73,609	48,021	19,851	14,294	10,914	10,015	421,768
PHIA	1,009	727	973	1,178	227	1,018	604	841	38	2,379	1,250	192	10,433
TED													0
TOTAL HEATING	291,031	385,340	870,930	1,743,115	2,339,305	2,675,518	1,922,132	1,119,635	617,734	396,617	303,830	287,459	38,797,072
TOTAL FIRM HTG & NON-HTG	367,181	466,009	976,759	1,901,063	2,535,094	2,894,871	2,094,896	1,239,705	696,932	479,842	410,487	288,134	40,301,094
GAS SALES	368,422	467,148	978,003	1,902,497	2,619,632	2,953,508	2,125,589	1,281,594	819,627	562,343	441,818	322,932	40,793,213
FIRM TRANSPORT NON HEATING													
RESIDENTIAL	992	1,151	2,007	3,326	4,260	4,626	3,246	2,115	1,468	1,064	896	905	26,056
COMMERCIAL	20,775	22,876	32,873	46,303	52,343	57,239	46,753	33,942	25,657	24,422	20,079	21,184	404,446
INDUSTRIAL	8,923	14,066	19,502	31,568	35,597	42,779	32,247	15,622	8,332	7,676	6,667	6,860	224,980
MUNICIPAL	2,389	3,451	5,221	9,021	11,389	13,640	11,175	31,633	2,611	1,943	1,175	970	385,384
HOUSING AUTHORITY	11,389	19,172	39,640	4,309	(1,000)	0	(105)	0	0	0	0	0	73,284
TOTAL FT HEATING	160,326	207,174	417,541	722,465	870,285	1,003,149	715,468	410,281	212,536	162,371	133,469	132,751	5,147,806
TOTAL FIRM TRANSPORT	192,887	242,821	467,738	793,156	952,511	1,093,488	787,250	483,319	248,474	197,614	163,245	165,008	5,767,512
TOTAL SALES & FIRM TRANSPORT	561,309	709,970	1,445,741	2,695,654	3,572,143	4,046,996	2,912,839	1,744,913	1,088,101	759,957	605,063	487,940	46,560,726
GTS/IT TRANSPORT	1,700,883	1,891,163	2,142,449	2,836,439	3,029,471	2,763,986	2,412,941	1,531,578	1,454,606	1,700,801	1,563,573	2,044,964	24,872,933
TOTAL SALES & ALL TRANSPORT	2,262,192	2,401,133	3,588,189	5,532,092	6,601,613	6,810,981	5,325,780	3,276,491	2,522,706	2,460,758	2,168,636	2,532,904	71,433,559

Philadelphia Gas Works' Base Rate Filing

134 EXH-A-III.E.12

SALES MCF

	SEPTEMBER Sep-21	OCTOBER Oct-21	NOVEMBER Nov-21	DECEMBER Dec-21	JANUARY Jan-22	FEBRUARY Feb-22	MARCH Mar-22	APRIL Apr-22	MAY May-22	JUNE Jun-22	JULY Jul-22	AUGUST Aug-22	TOTAL
NON-HEATING	15,086	13,096	27,295	45,151	58,257	59,139	43,139	33,341	21,165	14,366	12,016	10,579	352,630
RESIDENTIAL	1	8	20	49	53	46	61	50	9	7	7	9	319
COMMERCIAL	41,351	63,870	76,087	99,560	102,956	101,798	100,893	81,402	52,304	59,339	42,466	37,017	859,042
INDUSTRIAL	23	0	0	0	0	0	0	0	0	102	0	24	149
MUNICIPAL	52	70	121	179	160	206	131	67	105	79	69	65	1,299
NGV	2,337	1,552	1,963	292	1,962	1,192	40	467	2,462	2,248	3,960	3,160	21,535
TOTAL NON-HEATING	5,229	4,093	8,136	10,025	14,755	13,507	10,618	6,599	4,597	3,753	3,914	3,616	88,882
INDUSTRIAL	3,291	4,073	10,177	18,643	15,598	16,998	12,497	10,039	9,976	4,157	3,545	2,761	111,775
MUNICIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV	1,044	1,046	1,183	1,514	1,266	1,688	37	24	23	21	20	23	7,869
TOTAL FIRM NON-HEATING	68,412	87,808	124,902	175,473	195,006	194,555	167,415	131,984	90,642	84,063	65,698	57,274	1,443,470
INTERRUPTIBLE													
BPS-Small	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-XL-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG SALES	0	0	0	0	0	39,378	0	0	0	0	0	0	39,378
LNG - N SALES	69,870	0	0	0	832,315	7,778	0	0	0	0	0	0	909,963
LBS-L1	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-S	0	0	0	0	0	0	0	0	0	0	0	0	0
Off System Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
COGEN-J	35,402	25,956	36,760	37,899	34,078	30,229	30,083	30,083	31,074	38,114	34,249	35,731	369,575
GTS SALES	0	0	0	0	0	0	0	0	0	0	0	0	0
BPS-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL INTERRUPTIBLE	105,272	25,956	36,760	37,899	866,393	77,386	0	30,083	31,074	38,114	34,249	35,731	1,318,917
TOTAL NON-HEATING	173,685	113,764	161,742	213,312	1,061,399	271,939	167,415	162,067	121,717	122,196	100,146	35,755	2,762,387
HEATING													
RESIDENTIAL	527,253	575,686	1,749,756	3,529,006	5,056,418	5,260,328	3,600,074	2,413,235	1,212,743	617,538	513,731	440,408	25,495,173
COMMERCIAL	99,160	119,733	427,193	789,541	983,999	1,039,347	757,411	547,621	285,483	107,408	83,925	70,373	5,311,193
HOUSING AUTHORITY-GS	2,883	3,684	10,340	23,614	33,379	37,745	26,221	18,063	10,514	4,472	3,384	2,716	177,015
COMMERCIAL-AC	184,225	203,725	486,111	790,441	1,063,653	1,077,189	818,536	552,813	318,380	216,482	167,619	174,094	6,033,269
BUS H	30	56	13	13	138	135	221	177	110	79	21	21	1,011
INDUSTRIAL	11,503	11,698	28,050	49,234	74,861	74,278	54,533	31,694	15,630	8,516	7,151	8,449	375,597
MUNICIPAL	9,090	9,989	50,036	121,201	119,347	119,347	72,900	57,077	45,079	14,538	8,661	8,772	616,079
PHIA	10,417	16,813	50,778	66,700	80,596	86,634	65,251	53,375	22,629	13,034	9,050	9,757	485,034
TED	457	797	1,735	1,807	1,848	1,809	1,825	1,557	1,539	1,276	1,673	1,882	18,206
TOTAL HEATING	845,018	942,182	2,784,013	5,371,557	7,396,281	7,696,812	5,396,971	3,675,612	1,912,106	983,342	795,213	716,472	38,515,577
TOTAL FIRM HTG & NON-HTG	913,430	1,029,990	2,908,995	5,546,970	7,591,287	7,891,365	5,564,386	3,807,596	2,002,748	1,067,425	861,111	716,495	39,959,048
GAS SALES	1,018,703	1,055,946	2,945,755	5,584,869	8,457,680	7,968,750	5,564,386	3,837,679	2,033,822	1,105,539	895,360	752,226	41,277,964
FIRM TRANSPORT NON HEATING													
RESIDENTIAL	902	882	1,983	3,093	4,111	4,173	3,149	2,537	1,597	1,131	973	840	25,470
COMMERCIAL	25,045	26,495	39,985	44,432	62,232	53,578	53,282	31,987	27,658	22,060	21,317	19,861	427,932
INDUSTRIAL	7,319	8,117	12,141	16,775	19,881	19,018	18,394	14,232	11,186	8,429	8,505	8,522	152,519
MUNICIPAL	19	21	37	89	8,558	9,629	7,400	6,347	32	19	18	18	32,187
NGV	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FT NON-HEATING	33,285	35,615	54,146	64,389	94,782	86,397	82,225	55,102	45,041	33,500	32,505	31,048	648,034
FIRM TRANSPORT HEATING													
RESIDENTIAL	28,044	31,717	96,235	181,820	277,014	293,806	209,303	145,371	81,712	43,420	43,420	32,350	1,474,213
COMMERCIAL	106,407	123,124	283,707	406,684	515,537	464,061	402,777	269,974	165,130	111,197	97,538	97,577	3,069,724
INDUSTRIAL	7,339	8,344	16,356	27,680	35,673	36,164	36,164	22,613	14,474	10,153	10,136	10,432	241,688
MUNICIPAL	776	959	2,569	4,302	74,909	91,596	64,835	45,680	5,995	(1,419)	1,609	1,403	253,465
HOUSING AUTHORITY	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FT HEATING	142,566	170,174	398,688	630,506	905,784	905,137	715,079	483,839	287,311	163,351	152,702	141,762	5,079,089
TOTAL FIRM TRANSPORT	175,851	205,789	453,033	694,895	1,000,566	995,534	795,304	538,941	312,552	196,851	185,207	172,810	5,727,133
TOTAL SALES & FIRM TRANSPORT	1,194,554	1,261,735	3,398,788	6,279,764	9,458,246	8,964,285	6,359,690	4,376,620	2,346,174	1,302,390	1,080,567	925,036	47,005,088
GTS/IT TRANSPORT	1,349,526	1,619,060	2,408,974	2,581,106	3,096,621	2,876,890	2,504,149	2,126,715	1,658,890	1,651,325	1,783,125	1,811,167	25,171,567
TOTAL SALES & ALL TRANSPORT	2,544,079	2,880,795	5,807,762	8,860,870	12,556,867	11,841,175	8,863,839	6,503,335	4,005,064	2,953,715	2,863,692	2,736,223	72,176,665

Philadelphia Gas Works' Base Rate Filing

134 EXH-A-III.E.12

SALES MCF

	SEPTEMBER Sep-22	OCTOBER Oct-22	NOVEMBER Nov-22	DECEMBER Dec-22	JANUARY Jan-23	FEBRUARY Feb-23	MARCH Mar-23	APRIL Apr-23	MAY May-23	JUNE Jun-23	JULY Jul-23	AUGUST Aug-23	TOTAL
NON-HEATING													
RESIDENTIAL	12,522	14,175	23,158	37,067	63,998	54,843	43,776	31,809	18,442	14,967	13,331	12,722	340,812
RESIDENTIAL AC	0	0	0	0	0	0	0	0	0	0	0	0	0
CRP	0	0	0	0	0	0	0	0	0	0	0	0	0
COMMERCIAL	53,686	58,279	69,786	90,716	122,030	106,005	95,511	76,992	61,895	63,370	67,389	54,795	910,454
COMMERCIAL-AC	23	0	0	0	0	0	0	0	0	0	30	120	120
BUS NH	119	122	118	122	122	110	122	118	122	140	127	122	1,466
NGS	1,782	1,832	1,773	1,832	1,832	1,832	1,773	1,773	1,832	2,098	1,910	1,824	21,974
INDUSTRIAL	3,701	5,095	8,007	12,530	16,193	13,701	11,218	7,151	4,231	4,231	3,832	3,659	94,007
MUNICIPAL	3,912	5,071	13,898	27,465	52,283	40,300	28,848	18,931	7,870	4,605	4,192	4,003	211,178
MUNICIPAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV FIRM	145	149	144	149	149	134	149	144	149	170	155	148	1,785
TOTAL FIRM NON-HEATING	75,890	84,723	116,884	169,883	256,608	216,749	181,456	136,917	94,798	89,849	80,967	77,272	1,581,795
INTERRUPTIBLE													
BPS-Small	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-XL-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG SALES	1,644	1,699	1,644	1,699	1,699	1,534	1,699	1,644	1,699	1,644	1,699	1,699	20,000
LNG - N SALES	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-L1	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-S	0	0	0	0	0	0	0	0	0	0	0	0	0
Off System Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
COGEN-J	32,546	33,631	32,546	33,631	33,631	30,376	33,631	32,546	33,631	32,546	33,631	33,631	395,979
GTS SALES	0	0	0	0	0	0	0	0	0	0	0	0	0
BPS-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV	34,190	35,330	34,190	35,330	35,330	31,911	35,330	34,190	35,330	34,190	35,330	35,330	415,979
TOTAL INTERRUPTIBLE	110,080	120,053	151,074	205,212	291,937	248,680	216,786	171,107	130,128	123,839	116,297	35,478	1,997,774
TOTAL NON-HEATING													
HEATING	512,192	672,142	1,700,773	3,261,687	6,292,128	5,338,549	3,998,046	2,678,111	1,157,280	642,249	590,626	523,565	27,327,367
RESIDENTIAL	0	0	0	0	0	0	0	0	0	0	0	0	0
RESIDENTIAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
CRP	79,440	108,104	296,719	562,857	1,120,971	981,517	747,124	506,394	210,955	105,560	88,789	83,593	4,882,023
HOUSING AUTHORITY-GS	3,158	4,755	11,448	21,347	32,009	15,478	3,854	3,854	3,854	3,854	3,347	3,196	167,286
COMMERCIAL	167,065	227,310	429,229	734,073	1,182,941	1,003,805	781,984	512,588	270,033	198,952	176,979	168,955	5,853,914
COMMERCIAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
BUS H	70	73	72	77	82	74	78	74	73	83	75	72	905
INDUSTRIAL	9,857	14,859	27,964	47,723	70,258	59,305	46,312	28,611	15,295	11,475	10,274	9,809	351,743
MUNICIPAL	7,554	11,705	45,083	95,786	188,966	144,866	100,976	63,979	8,892	8,892	7,730	7,041	704,919
PHA	7,667	11,690	39,502	73,577	88,961	73,577	56,390	27,411	12,924	8,355	7,607	7,263	418,871
TED	1,467	1,636	1,840	2,256	2,474	2,156	2,088	1,696	1,570	1,721	1,567	1,496	21,964
TOTAL HEATING	788,366	1,059,102	2,552,631	4,786,427	8,984,562	7,635,857	5,757,125	3,834,342	1,696,381	981,141	847,359	805,699	39,728,992
TOTAL FIRM HTG & NON-HTG													
TOTAL FIRM HTG & NON-HTG	864,256	1,143,825	2,669,515	4,956,310	9,241,170	7,852,606	5,938,581	3,971,259	1,791,179	1,070,790	928,326	805,847	41,310,787
GAS SALES													
GAS SALES	898,446	1,179,155	2,703,705	4,991,640	9,276,500	7,884,517	5,973,910	4,005,449	1,826,509	1,104,980	963,656	841,177	41,726,766
FIRM TRANSPORT NON HEATING													
RESIDENTIAL	1,019	1,190	2,165	3,652	6,556	5,615	4,401	3,127	1,674	1,253	1,112	1,063	32,827
COMMERCIAL	19,701	23,739	34,169	50,049	72,496	62,486	52,395	37,112	25,200	23,381	21,109	20,155	441,993
INDUSTRIAL	8,628	10,220	12,916	17,148	21,484	18,645	16,744	12,236	9,895	10,223	9,294	8,874	166,305
MUNICIPAL	22	26	52	89	170	135	102	71	34	24	24	23	772
NGV	1,487	1,529	1,479	1,529	1,529	1,381	1,529	1,479	1,529	1,751	1,594	1,522	18,337
TOTAL FT NON-HEATING	30,857	36,703	50,781	72,466	102,235	88,262	75,170	54,025	38,332	36,634	33,132	31,637	650,234
RESIDENTIAL	35,948	50,057	140,151	272,353	533,376	454,327	339,331	225,677	92,744	46,245	39,400	37,716	1,581,795
COMMERCIAL	35,948	50,057	140,151	272,353	533,376	454,327	339,331	225,677	92,744	46,245	39,400	37,716	1,581,795
INDUSTRIAL	88,333	127,003	237,082	395,021	621,164	528,943	416,984	264,481	140,399	105,470	94,282	90,046	2,487,325
MUNICIPAL	7,867	11,690	20,282	32,342	46,734	39,032	31,404	19,850	10,370	9,106	8,236	7,863	5,110,087
HOUSING AUTHORITY	650	866	2,561	4,942	10,161	7,987	5,759	3,005	1,404	765	697	665	243,187
TOTAL FT HEATING	132,598	189,616	400,065	704,658	1,210,454	1,031,289	793,377	512,812	245,518	161,588	142,615	136,291	5,660,860
TOTAL FIRM TRANSPORT													
TOTAL FIRM TRANSPORT	163,455	226,319	450,846	777,124	1,312,669	1,119,551	868,547	566,838	283,849	198,222	175,747	167,927	6,311,094
TOTAL SALES & FIRM TRANSPORT													
TOTAL SALES & FIRM TRANSPORT	1,061,901	1,405,474	3,154,551	5,768,763	10,589,169	9,004,067	6,842,457	4,572,287	2,110,358	1,303,203	1,139,402	1,009,104	48,037,860
GTS/IT TRANSPORT													
GTS/IT TRANSPORT	1,797,156	1,991,372	2,162,783	2,447,787	2,895,523	2,291,841	2,328,462	2,007,619	1,911,314	1,790,553	1,850,239	1,850,239	25,022,889
TOTAL SALES & ALL TRANSPORT													
TOTAL SALES & ALL TRANSPORT	2,859,057	3,396,846	5,317,334	8,216,550	13,184,693	11,295,908	9,168,919	6,579,906	4,021,672	3,093,756	2,989,641	2,859,342	73,060,749

Philadelphia Gas Works' Base Rate Filing

134 EXH-A-III.E.12

SALES Mcf

	SEPTEMBER Sep-23	OCTOBER Oct-23	NOVEMBER Nov-23	DECEMBER Dec-23	JANUARY Jan-24	FEBRUARY Feb-24	MARCH Mar-24	APRIL Apr-24	MAY May-24	JUNE Jun-24	JULY Jul-24	AUGUST Aug-24	TOTAL
NON-HEATING													
RESIDENTIAL	12,322	13,926	22,732	36,337	62,645	54,314	43,275	30,495	17,586	14,443	12,879	12,267	333,220
RESIDENTIAL AC	0	0	0	0	0	0	0	0	0	0	0	0	0
CRP	0	0	0	0	0	0	0	0	0	0	0	0	0
COMMERCIAL	53,481	58,064	69,569	90,481	121,787	108,236	95,799	76,191	61,273	63,081	57,170	54,566	909,717
COMMERCIAL-AC	23	0	0	0	0	0	0	0	0	67	30	0	120
BUS NH	119	122	118	122	122	114	122	118	122	140	127	121	1,466
NGS	1,777	1,827	1,768	1,827	1,827	1,709	1,827	1,768	1,827	2,092	1,905	1,819	21,973
INDUSTRIAL	3,617	4,980	7,639	12,277	13,803	10,964	10,964	6,915	4,518	4,131	3,743	3,574	82,262
INDUSTRIAL-AC	3,901	5,060	13,687	27,454	40,680	40,680	29,290	18,582	7,364	4,592	4,181	3,992	211,267
MUNICIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0
MUNICIPAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV FIRM NON-HEATING	144	148	144	148	148	139	148	144	148	170	155	148	1,785
TOTAL FIRM NON-HEATING	75,384	84,127	116,056	168,646	254,693	216,995	181,423	134,213	92,638	88,716	80,190	76,507	1,571,789
INTERRUPTIBLE													
BPS-Small	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-XL-D	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG SALES	1,639	1,694	1,639	1,694	1,694	1,585	1,694	1,639	1,694	1,639	1,694	1,694	20,000
LNG - N SALES	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-L1	0	0	0	0	0	0	0	0	0	0	0	0	0
LBS-S	0	0	0	0	0	0	0	0	0	0	0	0	0
Off System Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
COGEN-J	32,467	33,539	32,467	33,539	33,539	31,375	33,539	32,467	33,539	32,467	33,539	33,539	395,979
GTS SALES	0	0	0	0	0	0	0	0	0	0	0	0	0
BPS-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
NGV	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL INTERRUPTIBLE	34,097	35,233	34,097	35,233	35,233	32,960	35,233	34,097	35,233	34,097	35,233	35,233	415,979
TOTAL NON-HEATING	109,480	119,360	150,153	203,879	289,927	251,955	216,668	168,310	128,071	122,812	115,423	35,381	1,987,768
HEATING													
RESIDENTIAL	509,837	669,253	1,694,587	3,250,565	6,271,380	5,375,578	4,052,160	2,611,835	1,113,307	631,031	544,349	516,694	27,240,576
RESIDENTIAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
CRP	79,223	107,937	296,953	553,620	1,122,889	992,871	761,250	502,181	208,285	107,663	92,392	87,955	4,913,219
HOUSING AUTHORITY-GS	3,150	4,746	11,440	21,339	32,440	32,440	15,163	3,818	6,565	3,338	3,338	3,187	167,360
COMMERCIAL	166,270	226,367	427,798	731,873	1,179,560	1,018,170	785,676	502,113	262,834	197,352	176,131	168,146	5,842,292
COMMERCIAL-AC	0	0	0	0	0	0	0	0	0	0	0	0	0
BUS H	70	72	72	77	82	76	78	74	73	83	75	72	905
INDUSTRIAL	9,731	14,690	27,718	47,353	69,809	60,179	46,079	27,902	14,788	11,302	10,141	9,683	349,376
MUNICIPAL	7,533	11,684	45,063	95,765	188,945	145,891	102,668	62,692	20,337	8,868	8,073	7,709	705,218
PHA	7,745	11,805	39,436	70,510	88,823	75,928	55,534	26,744	12,440	8,333	7,586	7,243	418,601
TED	1,463	1,632	1,836	2,252	2,470	2,225	2,073	1,685	1,560	1,716	1,562	1,492	21,966
TOTAL HEATING	784,821	1,054,864	2,544,902	4,773,352	8,961,730	7,703,358	5,829,914	3,750,387	1,640,190	970,166	843,648	802,181	39,659,512
TOTAL FIRM HTG & NON-HTG	860,205	1,138,991	2,660,958	4,941,998	9,216,423	7,922,353	6,011,340	3,884,600	1,733,028	1,058,881	923,837	802,328	41,231,301
GAS SALES	894,301	1,174,224	2,695,055	4,977,232	9,251,656	7,955,313	6,046,573	3,918,697	1,768,261	1,092,978	959,071	837,561	41,647,280
FIRM TRANSPORT NON HEATING													
RESIDENTIAL	1,045	1,226	2,237	3,785	6,818	5,938	4,690	3,250	1,747	1,344	1,203	1,157	34,440
COMMERCIAL	19,705	23,747	34,186	50,076	72,533	63,914	52,589	36,669	24,890	23,358	21,114	20,160	442,942
INDUSTRIAL	8,678	10,299	13,047	17,352	21,748	19,444	16,853	12,238	9,886	10,278	9,346	8,924	168,092
MUNICIPAL	22	26	52	89	136	170	103	70	33	26	24	23	772
NGV	1,483	1,525	1,475	1,525	1,525	1,426	1,525	1,475	1,525	1,746	1,590	1,518	18,337
TOTAL FT NON-HEATING	30,934	36,823	50,997	72,827	102,793	90,868	75,760	53,700	38,952	36,753	33,277	31,761	654,583
FIRM TRANSPORT HEATING													
RESIDENTIAL	36,867	51,280	143,368	278,513	545,320	469,055	352,820	226,032	91,653	46,889	40,335	38,604	2,320,735
COMMERCIAL	88,434	127,202	237,657	396,160	623,287	542,382	415,792	260,658	137,487	105,315	94,389	90,148	3,122,912
INDUSTRIAL	7,745	11,805	20,473	32,616	46,084	40,378	31,496	16,680	10,465	9,169	8,318	7,942	245,570
MUNICIPAL	648	864	2,159	4,940	10,169	8,059	5,650	3,732	1,343	763	695	663	40,276
HOUSING AUTHORITY													
TOTAL FT HEATING	133,894	191,151	404,057	712,249	1,224,850	1,058,555	809,959	509,102	241,327	162,156	143,736	137,356	5,729,492
TOTAL FIRM TRANSPORT	164,828	227,973	485,054	785,076	1,327,643	1,150,713	885,719	562,802	279,409	198,908	177,013	169,137	6,384,075
TOTAL SALES & FIRM TRANSPORT	1,058,929	1,402,197	3,150,109	5,762,308	10,579,299	9,106,026	6,932,292	4,481,498	2,047,670	1,291,686	1,136,084	1,006,699	48,031,385
GTS/IT TRANSPORT	1,797,156	1,991,372	2,162,783	2,447,787	2,995,523	2,291,841	2,328,462	2,007,619	1,911,314	1,790,553	1,850,239	1,850,239	25,022,889
TOTAL SALES & ALL TRANSPORT	2,856,085	3,393,570	5,312,892	8,210,095	13,174,823	11,397,867	9,258,754	6,489,117	3,958,984	3,082,440	2,986,322	2,856,937	73,054,244

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.13. Provide a schedule of present and proposed tariff rates showing dollar change and percent of change by block. Also, provide an explanation of any change in block structure and the reasons therefor.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.14. Provide the following statements and schedules. The schedules and statements for the test year portion should be reconciled with the summary operating statement.

III.E.14.a. An operating revenues summary for the test year and the year preceding the test year showing the following (Gas MCF):

III.E.14.a.(i) For each major classification of customers

III.E.14.a.(i).(a) MCF sales III.E.14.a.(i).(b)

Dollar Revenues

III.E.14.a.(i) (c) Forfeited Discounts (Total if not available by classification)

III.E.14.a.(i).(d) Other and Miscellaneous revenues that are to be taken into the utility operating account along with their related costs and expenses.

III.E.14.a.(ii) A detailed explanation of all annualizing and normalizing adjustments showing method utilized and amounts and rates used in calculation to arrive at adjustment.

III.E.14.a.(iii) Segregate, from recorded revenues from the test year, the amount of revenues that are contained therein, by appropriate revenue categories, from:

III.E.14.a.(iii).(a) Adjustment Surcharge

III.E.14.a.(iii).(b) State Tax Surcharge

III.E.14.a.(iii)(c) Any other surcharge being used to collect revenues.

III.E.14.a.(iii)(d) Provide explanations if any of the surcharges are not applicable to respondent's operations. [The schedule should also show number of customers and unit of sales (Mcf), and should provide number of customers by service classification at beginning and end of test year.]

III.14.b. Provide details of sales for resale, based on periods five years before and projections for five years after the test year, and for the test year. List customers, Mcf sold, revenues received, source of Mcf sold (storage gas, pipeline gas, manufactured gas, natural or synthetic), contracted or spot sales, whether sales are to affiliated companies, and any other pertinent information.

III. BALANCE SHEET AND OPERATING STATEMENT

RESPONSE:

E.14.a.(i).(a)

Please refer to the attached document titled “Philadelphia Gas Works, Sales Volumes (MCF)”.

E.14.a.(i).(b)

Please refer to the attached document titled “Philadelphia Gas Works, Billed Gas Revenue (\$000’s)”.

E.14.a.(i).(c)

Please refer to the table below titled “Other and Miscellaneous Revenue”.

E.14.a.(i).(d)

OTHER AND MISCELLANEOUS REVENUE

FERC Account	Other Operating Revenue	FY 2023	FY 2024
487.0	Forfeited Discounts	\$11,721,000	\$14,483,000
488.0	Misc. Service Revenue	10,124,000	10,124,000
495.0	Other Gas Revenues	3,186,000	763,000
	TOTAL	\$25,031,000	\$25,370,000

E.14.a.(ii)

Please refer to the response provided to Exhibit A.III.A.20 and testimony provided by Mr. Joseph F. Golden, Jr.

E.14.a.(iii).a

Please see the response to 52 Pa.Code § 53.62 (i.e. the December 1, 2019 Quarterly GCR Filing and the January 1, 2020 Quarterly DSIC Filing).

E.14.a.(iii).b

PGW does not have a state tax surcharge.

III. BALANCE SHEET AND OPERATING STATEMENT

E.14.a.(iii).c

Please see the response to 52 Pa.Code § 53.62 (i.e. the December 1, 2019 Quarterly GCR Filing and the January 1, 2020 Quarterly DSIC Filing).

E.14.a.(iii).d

Please refer to the attached document titled “Philadelphia Gas Works, Customer Counts”.

E.14.b.

The only sales for resale PGW engages in are associated with rate NGV and are of a de minimis nature (under \$75,000 in a given year).

PHILADELPHIA GAS WORKS BILLED GAS REVENUE (\$000's)

<u>FERC</u>	<u>Non-Heating Revenues</u>	<u>Est/Act</u> <u>2022-23</u>	<u>Budget</u> <u>2023-24</u>
4800	Residential	8,861	8,087
4800	CRP Residential	-	-
4800	CRP Discount	-	-
4810	Commercial	16,605	15,024
4810	Industrial	1,646	1,460
4820	Municipal	3,494	3,135
4830	NGV	24	21
4800	Residential DSIC Surcharge	423	409
4810	Commercial DSIC Surcharge	601	588
4810	Industrial DSIC Surcharge	59	57
4820	Municipal DSIC Surcharge	118	115
4830	NGV DSIC Surcharge	-	-
	Total Firm Non-Heating Revenue	31,831	28,896
	<u>Interruptible Revenue</u>		
4810	LNG Sales - Expander Liquefier	142	158
4810	Co-Generation - Indirect	2,855	2,450
	Total Interruptible Revenue	2,997	2,608
	Total Billed Non-Heating Revenue	34,828	31,504
4950	Non-Heating GCR Adjustment	(210)	(11)
	Total Non-Heating Revenue	34,618	31,493
	<u>Heating Revenue</u>		
4800	Residential	588,108	538,935
4800	CRP Residential	102,102	94,193
4800	CRP Discount	(70,078)	(61,728)
4810	Commercial	103,236	93,069
4810	Industrial	6,168	5,535
4820	Municipal	11,581	10,377
4820	PHA	10,791	9,774
	BUS	60	58
	TED	263	230
4800	Residential DSIC Surcharge	29,200	31,036
4810	Commercial DSIC Surcharge	3,719	3,634
4810	Industrial Surcharge	221	215
4820	Municipal DSIC Surcharge	388	378
4820	PHA DSIC Surcharge	268	262
4800	Residential WNA Charge / (Credit)	1,713	1,710
4810	Commercial WNA Charge / (Credit)	182	181
4810	Industrial WNA Charge / (Credit)	7	7
4820	PHA-GS WNA Charge / (Credit)	15	15
4820	Municipal WNA Charge / (Credit)	24	24
	Total Billed Heating Revenue	787,968	727,905
4950	Heating GCR Adjustment	(5,564)	(322)
	Total Heating Revenue	782,404	727,583

**PHILADELPHIA GAS WORKS
BILLED GAS REVENUE (\$000's)**

<u>FERC</u>	<u>FT Non-Heating Revenue</u>	<u>Est/Act</u> <u>2022-23</u>	<u>Budget</u> <u>2023-24</u>
4893	FT Residential	499	520
4893	FT Commercial	3,495	3,415
4893	FT Industrial	1,199	1,186
4893	FT Municipal	6	6
4893	FT NGV	66	63
4893	FT Residential DSIC Surcharge	37	39
4893	FT Commercial DSIC Surcharge	262	256
4893	FT Industrial DSIC Surcharge	90	89
4893	FT Municipal DSIC Surcharge	-	-
	Total FT Non-Heating Revenue	5,654	5,574
	<u>FT Heating Revenue</u>		
4893	FT Residential	26,030	26,283
4893	FT Commercial	24,171	23,662
4893	FT Industrial	1,892	1,868
4893	FT Municipal	290	282
4893	FT Housing Authority	197	193
4893	FT Residential DSIC Surcharge	1,952	1,971
4893	FT Commercial DSIC Surcharge	1,813	1,775
4893	FT Industrial DSIC Surcharge	142	140
4893	FT Municipal DSIC Surcharge	22	21
4893	FT PHA DSIC Surcharge	15	14
4893	FT Residential WNA Charge / (Credit)	-	0
4893	FT Commercial WNA Charge / (Credit)	95	96
4893	FT Industrial WNA Charge / (Credit)	7	7
4893	FT Municipal WNA Charge / (Credit)	1	1
4893	FT PHA WNA Charge / (Credit)	-	-
	Total FT Heating Revenue	56,627	56,313
	<u>General Transportation Service</u>		
4893	GTS- Transportation	1,118	1,118
4893	GTS- Cust/Cust Choice	12,773	12,773
4893	GTS- Sup/Cust Choice	11	11
	Total GTS Revenue	13,902	13,902
4950	Unbilled Gas Adjustment	(3,186)	(763)
	Total Billed Gas Revenues	898,979	835,197

PHILADELPHIA GAS WORKS SALES VOLUME (MCF)

	Est/Act	Budget
	<u>2022-23</u>	<u>2023-24</u>
<u>Non-Heating Sales</u>		
Residential	341	333
CRP Residential	-	-
Commercial	933	933
Industrial	94	92
Municipal	211	211
NGV Firm	2	2
Total Firm Non-Heating Sales	<u>1,581</u>	<u>1,571</u>
LNG Sales - Expander Liquefier	20	20
Co-Generation - Indirect	396	396
Total Interruptible Sales	<u>416</u>	<u>416</u>
Total Non-Heating Sales	<u>1,997</u>	<u>1,987</u>
<u>Heating Sales</u>		
Residential	27,327	27,241
CRP Residential	4,882	4,913
Commercial	5,877	5,865
Industrial	352	349
Municipal	705	705
Housing Authority	586	586
Total Heating Sales	<u>39,729</u>	<u>39,659</u>
Net Billed Sales	<u>41,726</u>	<u>41,646</u>
<u>FT Non-Heating-Service</u>		
Residential	33	34
Commerical	442	443
Industrial	156	158
Municipal	1	1
NGV	18	18
Total FT Non-Heating Service	<u>650</u>	<u>654</u>
<u>FT Heating Sales</u>		
Residential	2,249	2,303
Commerical	3,110	3,123
Industrial	243	246
Municipal	40	40
PHA	18	18
Total FT Heating Service	<u>5,660</u>	<u>5,730</u>
<u>General Transportation Service</u>		
GTS- Transportation	25,023	25,023
Total Billed Sales & Transportation Volumes	<u>73,059</u>	<u>73,053</u>

Philadelphia Gas Works' Base Rate Filing

Exh.III.E.14.a(iii).(d)

PHILADELPHIA GAS WORKS CUSTOMER COUNTS						
	Average Number of Customers		Sales (Mcf)		Customer Counts	
	<u>Est/Act</u> <u>2022-23</u>	<u>Budget</u> <u>2023-24</u>	<u>Est/Act</u> <u>2022-23</u>	<u>Budget</u> <u>2023-24</u>	<u>Budget</u> <u>9/1/2023</u>	<u>Forecast</u> <u>8/31/2024</u>
<u>Firm Non-Heating</u>						
Residential	13,435	13,108	341	333	13,335	12,882
CRP Residential	-	-	-	-	-	-
Commercial	3,193	3,236	934	933	3,217	3,255
Commercial - AC	1	1	-	-	1	1
Industrial	92	90	94	92	91	90
Municipal	240	240	211	211	240	240
Municipal - Ac	-	-	-	-	-	-
NGV Firm	2	2	2	2	2	2
Total Firm Non-Heating	16,963	16,677	1,582	1,571	16,886	16,470
<u>Interruptible</u>						
LNG Sales	1	1	20	20	1	1
COGEN	2	2	396	396	2	2
GTS SALES	-	-	-	-	-	-
Total Interruptible	3	3	416	416	3	3
Total Non-Heating	16,966	16,680	1,998	1,987	16,889	16,473
<u>Firm Heating</u>						
Residential	398,623	397,148	27,327	27,241	393,477	390,058
CRP Residential	50,624	51,326	4,882	4,913	49,574	53,822
Housing Authority - GS	1,960	1,960	167	167	1,960	1,960
Commercial	18,042	18,379	5,877	5,865	18,210	18,544
Industrial	360	359	352	349	359	358
Municipal	606	606	705	705	606	606
PHA	1,035	1,035	419	419	1,035	1,035
Total Firm Heating	471,250	470,813	39,729	39,659	465,221	466,383
Total Firm Non-Heating & Heating	488,213	487,490	41,311	41,230	482,107	482,853
Total Non-Heating & Heating	488,216	487,493	41,727	41,646	482,110	482,856
<u>FT Non-Heating</u>						
Residential	1,024	1,090	33	33	1,044	1,137
Commercial	552	553	442	443	552	553
Industrial	36	37	156	158	36	37
Municipal	2	2	1	1	2	2
NGV	1	1	18	18	1	1
Total FT Non-Heating	1,615	1,683	650	653	1,635	1,730
<u>FT Heating</u>						
Residential	24,697	25,534	2,249	2,303	25,160	25,908
Commercial	2,514	2,552	3,110	3,123	2,534	2,569
Industrial	85	86	243	246	85	86
Municipal	15	15	40	40	15	15
Housing Authority	185	185	18	18	185	185
Total FT Heating	27,496	28,372	5,660	5,730	27,979	28,763
Total Firm Transportation	29,111	30,055	6,310	6,383	29,614	30,493
Total Sales and Firm Transportation	517,327	517,548	48,037	48,029	511,724	513,349

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.15. State manner in which revenues are being presented for ratemaking purposes:

III.E.15.a. Accrued Revenues

III.E.15.b. Billed Revenues

III.E.15.c. Cash Revenues

Provide details of the method followed.

RESPONSE:

15.a. An accrual for gas used but not billed to customers is made for rate making purposes.

15.b. All other revenues for ratemaking purposes are presented on an as billed basis.

15.c. All other revenues for ratemaking purposes are presented on an as billed basis.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.16 If revenue accruing entries are made on the books at end of each fiscal period, give entries made accordingly at the end of the test year and at the beginning of the year. State whether they are reversed for ratemaking purposes.

RESPONSE:

The following unbilled accrual entry is anticipated to be made at the end of the fully projected future test year (August 31, 2024):

<u>Account Description</u>	<u>Debit</u>	<u>Credit</u>
173.0 Accrued Utility Revenue		\$763,000
495.0 Other Gas Revenues	\$763,000	

The following GCR accrual entry is anticipated to be made at the beginning of the fully projected future test year (August 31, 2024):

<u>Account Description</u>	<u>Debit</u>	<u>Credit</u>
495.0 Other Gas Revenues	\$506,000	
186.0 Miscellaneous Deferred Debits		\$506,000

The following entry is anticipated to be made at the end of the fully projected future test year (August 31, 2024):

<u>Account Description</u>	<u>Debit</u>	<u>Credit</u>
495.0 Other Gas Revenues	\$173,000	
186.0 Miscellaneous Deferred Debits		\$173,000

The aforementioned entries are not reversed for rate making purposes.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.17. State whether any adjustments have been made to expenses in order to present such expenses on a basis comparable to the manner in which revenues are presented in this proceeding (i.e.—accrued, billed or cash).

RESPONSE:

No adjustments have been made to expenses in order to present such expenses on a basis comparable to the manner in which revenues are presented in this proceeding.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.18. If the utility has a Fuel Adjustment Clause:

III.E.18.a. State the base fuel cost per MCF chargeable against basic customers' rates during the test year. If there was any change in this basic fuel charge during the test year, give details and explanation thereof.

III.E.18.b. State the amount in which the fuel adjustment clause cost per MCF exceeds the fuel cost per MCF charged in base rates at the end of the test year.

III.E.18.c. If fuel cost deferment is used at the end of the test year, give

III.E.18.c.(i). The amount of deferred fuel cost contained in the operating statement that was deferred from the 12-month operating period immediately preceding the test year.

III.E.18.c.(ii). The amount of deferred fuel cost that was removed from the test period and deferred to the period immediately following the test year.

III.E.18.d. State the amount of Fuel Adjustment Clause revenues credited to the test year operating account.

III.E.18.e. State the amount of fuel cost charged to the operating expense account in the test year which is the basis of Fuel Adjustment Clause billings to customers in that year. Provide summary details of this charge.

III.E.18.f. From the recorded test year operating account, remove the Fuel Adjustment Clause Revenues. Also remove from the test year recorded operating account the excess of fuel cost over base rate fuel charges, which is the basis for the Fuel Adjustment charges. Explain any difference between FAC Revenues and excess fuel costs. [The above is intended to limit the operating account to existing customers' base rate revenues and expense deductions relative thereto].

RESPONSE:

III.E.18.a. There is not any base fuel cost per MCF chargeable against basic customers' rates during the test year.

III.E.18.b. There is not any base fuel cost per MCF chargeable against basic customers' rates during the test year.

III.E.18.c. There is not any fuel cost deferment used at the end of the test year.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.18.d. The total projected recovery for the GCR in the test year is \$314,662,107.

III.E.18.e. The amount of fuel cost including the E factor and IRC charges which is the basis of Fuel Adjustment Clause billings to customers in the test year is \$314,663,078. Attached are the summary details of this charge.

III.E.18.f. The difference between FAC Revenues and fuel costs including the E factor and IRC charges in the test year is \$971 a difference that is virtually nonexistent.

Philadelphia Gas Works

Levelized Gas Cost Rate

September 1, 2023

140 ECH A-III.E.18.e

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,231,182	Schedule 2
Net Natural Gas Expense	\$ 79,756,893	\$ 234,375,024	\$ 314,131,917	
Purchased Electric & Misc Expenses	\$ 0	\$ 491,259	\$ 491,259	
Applicable GCR Expense	\$ <u>79,756,893</u>	\$ <u>234,866,284</u>	\$ <u>314,623,177</u>	Schedule 3
C = Total Applicable GCR Expense	\$ 79,756,893	\$ 234,866,284	\$ 314,623,177	
SSC = C / S	\$ 1.9344	\$ 5.6963	\$ 7.6307	
Adjustment For:				
E-Factor Volumes (Mcf)	2,224,087		41,231,182	Schedule 2
Interest	\$ (176,563)	\$ 514,753	\$ 338,191	Schedule 5(a),5(c)
E-Factor Reconciliation	\$ <u>(2,224,087)</u>	\$ <u>2,223,401</u>	\$ <u>(686)</u>	Schedule 4(b),4(c),4(e)
	\$ (2,400,649)	\$ 2,738,154	\$ 337,505	
E = E-Factor	\$ (0.0582)	\$ 0.0664	\$ 0.0082	
Interruptible Revenue Credit			\$ 297,604	Schedule 10(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0072	
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 314,663,078	
<u>GCR = SSC + GAC - IRC</u>			\$ 7.6317	
SSC in effect 9/01/23	\$ 1.9130	\$ 5.6335	\$ 7.5465	
GAC in effect 9/01/23	\$ (0.0469)	\$ 0.0535	\$ 0.0066	
IRC in effect 9/01/23			\$ <u>(0.0072)</u>	
GCR in effect 9/01/23			\$ 7.5459	Schedule 7
Recovery Test on:				
Firm Sales (Mcf)			41,231,182	
= GCR Projected Recovery		\$	311,787,036	
= Load Balancing Revenue		\$	2,836,382	
= LNG Sales Demand Revenue		\$	<u>38,688</u>	
= Total Projected Recovery		\$	314,662,107	Schedule 7
Compared To				
Net Applicable GCR Expenses		\$	<u>314,663,078</u>	
= Net Over/(Under) Recovery		\$	<u>(971)</u>	
Degree Days			3,923	

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.19. Provide growth patterns of usage and customer numbers per rate class, using historical and projected data.

RESPONSE:

Please see attached spreadsheet.

PHILADELPHIA GAS WORKS
FIRM GAS SALES
3923 DD

Philadelphia Gas Works' Base Rate Filing

	Avg Customers		Normalized Sales		Average MCF per Customer		Avg Customers Estimated		Sales M/MCF		Average MCF per Customer		Test Year Avg Customers		Sales Test Year M/MCF		Test Year Average MCF per Customer	
	Actual	2021-22	M/MCF	2021-22	Normalized	2021-22	Normalized	2022-23	2022-23	M/MCF	2022-23	Normalized	2023-24	2023-24	M/MCF	2023-24	Normalized	2023-24
NON-HEATING																		
Residential	13,882.0	345.3	24.9	13,435.0	341.0	25.4	13,108.0	333.2	25.4	13,108.0	333.2	25.4	13,108.0	333.2	25.4	13,108.0	333.2	25.4
CRP	4.0	0.3	77.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Commercial	3,151.0	881.1	279.6	3,194.0	934.0	292.4	3,218.0	933.3	292.4	3,218.0	933.3	292.4	3,218.0	933.3	292.4	3,218.0	933.3	290.0
Industrial	92.0	87.5	951.1	92.0	94.0	1,021.7	90.0	92.3	1,021.7	90.0	92.3	1,021.7	90.0	92.3	1,021.7	90.0	92.3	1,025.0
Municipal	190.0	108.6	571.6	240.0	211.2	879.9	240.0	102.0	879.9	240.0	102.0	879.9	240.0	102.0	879.9	240.0	102.0	425.0
Housing Authority-PHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Vehicle	3.0	7.8	2,600.0	2.0	1.8	890.0	2.0	1.8	890.0	2.0	1.8	890.0	2.0	1.8	890.0	2.0	1.8	890.0
HEATING																		
Residential	397,259.0	24,874.8	62.6	398,623.0	27,327.4	68.6	397,148.0	27,240.6	68.6	397,148.0	27,240.6	68.6	397,148.0	27,240.6	68.6	397,148.0	27,240.6	68.6
CRP	54,808.0	5,167.3	94.3	50,624.0	4,882.0	96.4	51,326.0	4,913.2	96.4	51,326.0	4,913.2	96.4	51,326.0	4,913.2	96.4	51,326.0	4,913.2	95.7
Housing Authority-GS	1,960.0	170.5	87.0	1,960.0	167.3	85.4	1,960.0	167.4	85.4	1,960.0	167.4	85.4	1,960.0	167.4	85.4	1,960.0	167.4	85.4
Commercial	17,821.0	5,943.0	333.5	18,042.0	5,876.8	325.7	18,379.0	5,843.2	325.7	18,379.0	5,843.2	325.7	18,379.0	5,843.2	325.7	18,379.0	5,843.2	317.9
Industrial	362.0	368.1	1,016.9	360.0	351.7	977.1	359.0	349.4	977.1	359.0	349.4	977.1	359.0	349.4	977.1	359.0	349.4	973.2
Municipal	548.0	598.2	1,091.6	606.0	704.9	1,163.2	606.0	705.2	1,163.2	606.0	705.2	1,163.2	606.0	705.2	1,163.2	606.0	705.2	1,163.7
Housing Authority-PHA	1,035.0	473.6	457.5	1,035.0	418.9	404.7	1,035.0	418.6	404.7	1,035.0	418.6	404.7	1,035.0	418.6	404.7	1,035.0	418.6	404.4

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.20. Provide, for test year only, a schedule by tariff rates and by service classifications showing proposed increase and percent of increase.

RESPONSE:

See attached worksheets and refer to Exh. A.III.E.11. for the current and proposed rates.

Philadelphia Gas Works' Base Rate Filing

FY 2024 Base Rate Case Typical Monthly Bill

February 1, 2023

September 1, 2023

Residential Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	71	Mcf	\$ 8.2282
Gas Cost Adjustment	71	Mcf	\$ 0.1265
Distribution Charge	71	Mcf	\$ 9.4223
Customer Charge	12	Months	\$ 14.90
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 1,504.55
Effect on Average Monthly Bill			\$ 125.38

Commercial Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	333	Mcf	\$ 8.0107
Gas Cost Adjustment	333	Mcf	\$ 0.1265
Distribution Charge	333	Mcf	\$ 7.3461
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 5,666.42
Effect on Average Monthly Bill			\$ 472.20

Industrial Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	957	Mcf	\$ 7.9714
Gas Cost Adjustment	957	Mcf	\$ 0.1265
Distribution Charge	957	Mcf	\$ 7.2755
Customer Charge	12	Months	\$ 75.90
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 16,213.65
Effect on Average Monthly Bill			\$ 1,351.14

PHA Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	396	Mcf	\$ 7.9377
Gas Cost Adjustment	396	Mcf	\$ 0.1265
Distribution Charge	396	Mcf	\$ 7.6087
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 6,759.46
Effect on Average Monthly Bill			\$ 563.29

PHA/GS Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	85	Mcf	\$ 8.2282
Gas Cost Adjustment	85	Mcf	\$ 0.1265
Distribution Charge	85	Mcf	\$ 8.6661
Customer Charge	12	Months	\$ 14.9000
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 1,694.22
Effect on Average Monthly Bill			\$ 141.19

Municipal Heating

Unit Costs	Annual		Current Rates
	Usage/Months	Unit	
Commodity Charge	1,121	Mcf	\$ 7.9377
Gas Cost Adjustment	1,121	Mcf	\$ 0.1265
Distribution Charge	1,121	Mcf	\$ 6.8908
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 17,670.91
Effect on Average Monthly Bill			\$ 1,472.58

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 8.3359		\$ 0.1077
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 10.4871		\$ 1.0648
Customer Charge	\$ 19.50		\$ 4.60
DSIC	7.50%		0.00%
	\$ 1,652.81	\$ 148.26	9.9%
	\$ 137.73	\$ 12.35	

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 8.0439		\$ 0.0332
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 8.1255		\$ 0.7794
Customer Charge	\$ 34.00		\$ 8.65
DSIC	7.50%		0.00%
	\$ 6,068.07	\$ 401.65	7.1%
	\$ 505.67	\$ 33.47	

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 7.9652		\$ (0.0062)
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 8.2182		\$ 0.9427
Customer Charge	\$ 100.00		\$ 24.10
DSIC	7.50%		0.00%
	\$ 17,488.44	\$ 1,274.78	7.9%
	\$ 1,457.37	\$ 106.23	

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 7.9377		\$ -
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 8.2538		\$ 0.6451
Customer Charge	\$ 34.00		\$ 8.65
DSIC	7.50%		0.00%
	\$ 7,145.67	\$ 386.20	5.7%
	\$ 595.47	\$ 32.18	

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 8.3359		\$ 0.1077
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 9.8443		\$ 1.1782
Customer Charge	\$ 19.50		\$ 4.60
DSIC	7.50%		0.00%
	\$ 1,870.38	\$ 176.15	10.4%
	\$ 155.86	\$ 14.68	

	Rate Change Update	Change In Annual Bill	Change In Rate
Commodity Charge	\$ 7.9377		\$ -
Gas Cost Adjustment	\$ 0.1265		\$ -
Distribution Charge	\$ 8.2872		\$ 1.3964
Customer Charge	\$ 34.00		\$ 8.65
DSIC	7.50%		0.00%
	\$ 19,465.27	\$ 1,794.35	10.2%
	\$ 1,622.11	\$ 149.53	

Philadelphia Gas Works' Base Rate Filing

	Total	ITA	ITB	ITC	ITD	ITE	ITZ	ITN	Total IT
Proposed IT Revenue Increase									
Current IT Revenue	\$ 12,695,228	\$ 1,119,420	\$ 1,138,695	\$ 2,003,019	\$ 2,717,414	\$ 5,716,681	\$ 75,087.04	2,700.00	\$ 12,773,015
Customer Charge Revenue	\$ 1,187,223	\$ 177,114	\$ 279,368	\$ 374,682	\$ 233,354	\$ 122,705	\$ 900	\$ 2,700	\$ 1,190,823
Volumetric charge Revenue	\$ 11,508,005	\$ 942,306	\$ 859,327	\$ 1,628,337	\$ 2,484,059	\$ 5,593,975	\$ 74,187	\$ -	\$ 11,582,192
Proposed Increase	\$ 3,742,948								
Total volumetric revenue	\$ 15,250,953								
	33%	33%	33%	33%	33%	33%			
Current Delivery Charge Increase/Mcf	\$ 2.73	\$ 1.32	\$ 1.03	\$ 0.91	\$ 0.89				
New Delivery Charge /Mcf	\$ 0.89	\$ 0.43	\$ 0.34	\$ 0.30	\$ 0.29				
New Delivery Charge /Dth @1036	\$ 3,6178	\$ 1,7510	\$ 1,3663	\$ 1,2123	\$ 1,1739				
	\$ 3,4988	\$ 1,6935	\$ 1,3214	\$ 1,1725	\$ 1,1353				
Deliveries/mcf	11,605,501	345,180	650,365	1,579,377	2,715,412	6,315,167			
Proposed Volumetric Revenue	\$ 15,250,953	\$ 1,248,788	\$ 1,138,821	\$ 2,157,950	\$ 3,291,993	\$ 7,413,401	\$ 74,187	\$ -	\$ 15,325,140
Customer Charge Revenue	\$ 1,187,223	\$ 177,114	\$ 279,368	\$ 374,682	\$ 233,354	\$ 122,705	\$ 900	\$ 2,700	\$ 1,190,823
Total Revenue	\$ 16,438,176	\$ 1,425,902	\$ 1,418,189	\$ 2,532,631	\$ 3,525,347	\$ 7,536,106	\$ 75,087	\$ 2,700	\$ 16,515,963
Revenue Increase	3,742,948	\$ 306,482	\$ 279,494	\$ 529,612	\$ 807,934	\$ 1,819,426			\$ 3,742,948

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.21. If a gas company is affiliated with another utility segment, such as a water or electric segment, explain the effects, if any, upon allocation factors used in the gas rate filing of current or recent rate increases allowed to the other utility segment (or segments) of the company.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.22. Provide supporting data detailing curtailment adjustments, procedures and policies.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.23. Submit a schedule showing fuel cost in excess of base compared to fuel cost recovery for the period two months prior to test year and the test year.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.24. Supply a detailed analysis of Purchased Gas for the test year and the twelve month period prior to the test year.

RESPONSE:

Please see attached.

Philadelphia Gas Works' Base Rate Filing

Projected Applicable Fuel Expense
 SENDOUT MODEL OUTPUT SCENARIO 1567
 FY 2023-2024 Fully Projected Future Test Year

	ESTIMATED SEPTEMBER 2023	ESTIMATED OCTOBER 2023	ESTIMATED NOVEMBER 2023	ESTIMATED DECEMBER 2023	ESTIMATED JANUARY 2024	ESTIMATED FEBRUARY 2024	ESTIMATED MARCH 2024	ESTIMATED APRIL 2024	ESTIMATED MAY 2024	ESTIMATED JUNE 2024	ESTIMATED JULY 2024	ESTIMATED AUGUST 2024	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 6,208,215	\$ 6,159,285	\$ 7,065,725	\$ 7,378,169	\$ 7,377,224	\$ 7,398,027	\$ 7,313,408	\$ 6,201,913	\$ 6,152,757	\$ 6,200,067	\$ 6,151,001	\$ 6,150,101	\$ 79,756,893
COMMODITY CHARGE	\$ 15,078,151	\$ 19,876,138	\$ 19,016,472	\$ 23,994,424	\$ 27,179,629	\$ 24,868,628	\$ 21,486,895	\$ 19,811,990	\$ 18,462,526	\$ 14,657,217	\$ 14,868,545	\$ 15,002,419	\$ 234,303,035
TOTAL NATURAL GAS BILLED	\$ 21,286,367	\$ 26,035,423	\$ 26,083,198	\$ 31,372,593	\$ 34,556,852	\$ 32,266,656	\$ 28,800,303	\$ 26,013,903	\$ 24,615,283	\$ 20,857,284	\$ 21,019,547	\$ 21,152,520	\$ 314,059,928
INTERRUPTIBLE AND A/C CREDIT													
	\$ 170,230	\$ 184,332	\$ 183,187	\$ 198,749	\$ 201,300	\$ 183,844	\$ 192,944	\$ 163,994	\$ 165,513	\$ 161,656	\$ 169,334	\$ 170,223	\$ 2,145,305
SENDOUT VOLUME IN MCF													
DKT CONVERSION FACTOR	33,245	34,329	33,221	34,329	34,329	32,114	34,329	33,221	34,329	33,290	34,359	34,329	405,424
PRICE \$/DKT	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034	1,034
	\$ 4,9521	\$ 5,1930	\$ 5,3328	\$ 5,5992	\$ 5,6711	\$ 5,5365	\$ 5,4357	\$ 4,7741	\$ 4,6629	\$ 4,6963	\$ 4,7663	\$ 4,7955	\$ 4,7955
GAS USED FOR UTILITY													
	\$ 44,526	\$ 54,317	\$ 138,458	\$ 245,113	\$ 316,611	\$ 322,221	\$ 195,950	\$ 120,042	\$ 59,879	\$ 36,902	\$ 29,980	\$ 31,917	\$ 1,595,917
NATURAL GAS													
TO STORAGE	\$ (10,560,547)	\$ (8,893,309)	\$ (33,021)	\$ -	\$ -	\$ -	\$ -	\$ (5,676,380)	\$ (11,624,952)	\$ (10,579,821)	\$ (10,611,254)	\$ (10,731,814)	\$ (65,711,098)
FROM STORAGE PGW	\$ -	\$ -	\$ 4,762,591	\$ 16,500,342	\$ 22,857,847	\$ 18,204,241	\$ 10,991,552	\$ 142,014	\$ -	\$ -	\$ -	\$ -	\$ 73,458,586
FT FROM STORAGE	\$ -	\$ -	\$ 97,509	\$ 1,280,004	\$ 2,097,724	\$ 1,567,368	\$ 438,498	\$ 27,703	\$ -	\$ -	\$ -	\$ -	\$ 5,508,806
NET NATURAL GAS STORAGE	\$ (10,560,547)	\$ (8,893,309)	\$ 4,729,570	\$ 16,500,342	\$ 22,857,847	\$ 18,204,241	\$ 10,991,552	\$ (5,534,365)	\$ (11,624,952)	\$ (10,579,821)	\$ (10,611,254)	\$ (10,731,814)	\$ 4,747,488
LNG													
TO STORAGE	\$ (1,147)	\$ (698,050)	\$ (2,216,381)	\$ (1,522,746)	\$ (1,123,212)	\$ (1,593,095)	\$ (1,660,248)	\$ (849,053)	\$ (280,474)	\$ -	\$ -	\$ -	\$ (9,944,406)
FROM LNG PGW	\$ 452,031	\$ 466,831	\$ 455,487	\$ 1,279,418	\$ 2,209,738	\$ 1,444,958	\$ 479,019	\$ 461,681	\$ 474,547	\$ 458,579	\$ 473,865	\$ 473,865	\$ 9,130,120
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LNG STORAGE	\$ 450,884	\$ (231,119)	\$ (1,760,894)	\$ (243,328)	\$ 1,086,526	\$ (148,137)	\$ (1,181,229)	\$ (387,372)	\$ 194,073	\$ 458,579	\$ 473,865	\$ 473,865	\$ (814,286)
LNG SALES FROM LNG TANK													
SENDOUT VOLUMES (MCF)	\$ 9,757	\$ 10,082	\$ 9,755	\$ 10,122	\$ 10,175	\$ 9,571	\$ 10,266	\$ 9,936	\$ 10,185	\$ 9,829	\$ 10,157	\$ 10,157	\$ 119,991
@ AVG LNG COMMODITY RATE	\$ 1,639	\$ 1,694	\$ 1,639	\$ 1,694	\$ 1,694	\$ 1,685	\$ 1,694	\$ 1,694	\$ 1,694	\$ 1,639	\$ 1,694	\$ 1,694	\$ 20,000
	\$ 5,9516	\$ 5,9516	\$ 5,9505	\$ 5,9753	\$ 6,0065	\$ 6,0394	\$ 6,0602	\$ 6,0610	\$ 6,0127	\$ 5,9957	\$ 5,9957	\$ 5,9957	\$ 5,9957
NET NATURAL GAS EXPENSE	\$ 10,952,191	\$ 16,662,265	\$ 28,720,474	\$ 47,175,623	\$ 57,973,139	\$ 49,807,124	\$ 38,211,465	\$ 19,798,194	\$ 12,948,826	\$ 10,527,656	\$ 10,672,687	\$ 10,682,275	\$ 314,131,917
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$ 10,952,191	\$ 16,662,265	\$ 28,720,474	\$ 47,175,623	\$ 57,973,139	\$ 49,807,124	\$ 38,211,465	\$ 19,798,194	\$ 12,948,826	\$ 10,527,656	\$ 10,672,687	\$ 10,682,275	\$ 314,131,917
PURCHASED ELECTRIC & MISC	\$ 31,071	\$ 36,877	\$ 34,083	\$ 29,126	\$ 38,786	\$ 35,777	\$ 38,151	\$ 26,065	\$ 21,460	\$ 25,031	\$ 22,864	\$ 26,948	\$ 366,259
PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
TOTAL APPLICABLE EXPENSES	\$ 10,983,262	\$ 16,699,141	\$ 28,754,557	\$ 47,204,749	\$ 58,136,925	\$ 49,842,901	\$ 38,249,616	\$ 19,824,258	\$ 12,970,306	\$ 10,552,687	\$ 10,695,551	\$ 10,709,224	\$ 314,623,177
TOTAL GCR FIRM SALES	860,182	1,138,991	2,660,968	4,941,998	9,216,423	7,922,353	6,011,340	3,884,600	1,733,028	1,058,814	923,807	878,687	41,231,162

Philadelphia Gas Works' Base Rate Filing

Projected Applicable Fuel Expense
 SENDOUT MODEL OUTPUT SCENARIO 1666
 FY 2022-2023 Est Budget

	ESTIMATED 2022 SEPTEMBER	ESTIMATED 2022 OCTOBER	ESTIMATED 2022 NOVEMBER	ESTIMATED 2022 DECEMBER	ESTIMATED 2023 JANUARY	ESTIMATED 2023 FEBRUARY	ESTIMATED 2023 MARCH	ESTIMATED 2023 APRIL	ESTIMATED 2023 MAY	ESTIMATED 2023 JUNE	ESTIMATED 2023 JULY	ESTIMATED 2023 AUGUST	TOTAL
NATURAL GAS BILLED	\$ 6,101,973	\$ 6,049,150	\$ 7,075,652	\$ 7,387,584	\$ 7,386,279	\$ 7,418,009	\$ 7,322,823	\$ 6,210,337	\$ 6,161,305	\$ 6,208,807	\$ 6,159,819	\$ 6,159,089	\$ 79,640,835
DEMAND CHARGE	\$ 18,851,246	\$ 23,186,233	\$ 31,524,695	\$ 36,193,687	\$ 38,286,795	\$ 34,797,195	\$ 26,002,203	\$ 21,031,745	\$ 21,407,141	\$ 16,825,743	\$ 16,271,668	\$ 16,471,388	\$ 300,849,730
COMMODITY CHARGE	\$ 24,953,218	\$ 29,235,383	\$ 38,600,347	\$ 43,881,271	\$ 45,673,073	\$ 42,215,204	\$ 33,325,026	\$ 27,242,083	\$ 27,568,446	\$ 23,034,549	\$ 22,431,477	\$ 22,630,487	\$ 380,490,564
TOTAL NATURAL GAS BILLED	\$ 50,006,437	\$ 59,470,766	\$ 77,200,694	\$ 87,462,542	\$ 91,742,147	\$ 84,430,408	\$ 66,650,052	\$ 54,484,165	\$ 55,238,192	\$ 46,069,106	\$ 44,862,764	\$ 45,261,064	\$ 1,481,021,129
INTERRUPTIBLE AND A/C CREDIT	\$ 207,105	\$ 231,678	\$ 287,913	\$ 258,409	\$ 254,000	\$ 227,526	\$ 229,710	\$ 181,759	\$ 178,442	\$ 169,587	\$ 176,673	\$ 176,838	\$ 2,549,641
SENDOUT VOLUME IN MCF	33,336	34,423	33,312	34,423	34,423	31,091	34,423	33,312	34,423	33,381	34,463	34,423	405,422
DKT CONVERSION FACTOR	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034
PRICE \$/DKT	\$ 6,0084	\$ 6,5091	\$ 7,4877	\$ 7,2601	\$ 7,1362	\$ 7,0773	\$ 6,4538	\$ 5,2768	\$ 5,0134	\$ 4,9133	\$ 4,9993	\$ 4,9683	\$ 4,9683
GAS USED FOR UTILITY	\$ 49,206	\$ 62,124	\$ 179,692	\$ 301,875	\$ 362,785	\$ 361,713	\$ 210,854	\$ 128,450	\$ 70,789	\$ 38,939	\$ 32,904	\$ 35,743	\$ 1,835,045
NATURAL GAS TO STORAGE	\$ (13,042,389)	\$ (9,090,694)	\$ (3,019,546)	\$ (887,262)	\$ -	\$ -	\$ (523,778)	\$ (4,943,745)	\$ (13,736,209)	\$ (12,509,977)	\$ (11,791,043)	\$ (11,996,986)	\$ (81,541,638)
FROM STORAGE	\$ -	\$ -	\$ 5,418,902	\$ 18,170,930	\$ 25,928,711	\$ 19,446,626	\$ 13,984,813	\$ 153,656	\$ -	\$ -	\$ -	\$ -	\$ 83,103,639
FT FROM STORAGE	\$ -	\$ -	\$ 106,170	\$ 1,333,914	\$ 2,153,133	\$ 1,540,934	\$ 450,663	\$ 31,048	\$ -	\$ -	\$ -	\$ -	\$ 5,615,862
NET NATURAL GAS STORAGE	\$ (13,042,389)	\$ (9,090,694)	\$ 2,399,356	\$ 17,283,668	\$ 25,928,711	\$ 19,446,626	\$ 13,461,035	\$ (4,790,088)	\$ (13,736,209)	\$ (12,509,977)	\$ (11,791,043)	\$ (11,996,986)	\$ 1,562,000
LNG TO STORAGE	\$ -	\$ (903,500)	\$ (3,326,540)	\$ (2,249,467)	\$ (1,646,234)	\$ (2,223,504)	\$ (2,199,197)	\$ (880,361)	\$ (319,407)	\$ -	\$ -	\$ -	\$ (13,848,210)
FROM LNG PGW	\$ 236,878	\$ 320,366	\$ 340,537	\$ 1,086,473	\$ 1,895,909	\$ 1,292,075	\$ 458,864	\$ 452,524	\$ 467,308	\$ 452,060	\$ 467,128	\$ 467,128	\$ 7,937,250
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LNG STORAGE	\$ 236,878	\$ (583,134)	\$ (2,986,003)	\$ (1,162,994)	\$ 249,675	\$ (931,430)	\$ (1,740,333)	\$ (527,837)	\$ 147,901	\$ 452,060	\$ 467,128	\$ 467,128	\$ (5,910,959)
LNG SALES FROM LNG TANK	\$ 6,506	\$ 6,723	\$ 6,778	\$ 8,082	\$ 8,700	\$ 8,291	\$ 9,753	\$ 9,791	\$ 10,116	\$ 9,783	\$ 10,110	\$ 10,110	\$ 104,743
SENDOUT VOLUMES (MCF)	1,644	1,699	1,644	1,699	1,699	1,534	1,699	1,644	1,699	1,644	1,699	1,699	20,000
@ AVG LNG COMMODITY RATE	\$ 3,9581	\$ 3,9581	\$ 4,1234	\$ 4,7580	\$ 5,1216	\$ 5,4041	\$ 5,7417	\$ 5,9561	\$ 5,9553	\$ 5,9516	\$ 5,9516	\$ 5,9516	\$ 5,9516
NET NATURAL GAS EXPENSE	\$ 11,884,889	\$ 19,286,441	\$ 37,569,316	\$ 59,133,580	\$ 71,226,005	\$ 60,173,383	\$ 44,595,412	\$ 21,606,157	\$ 13,720,792	\$ 10,758,322	\$ 10,887,876	\$ 10,877,928	\$ 371,654,176
APPLICABLE GC EXPENSE	\$ 11,884,889	\$ 19,286,441	\$ 37,569,316	\$ 59,133,580	\$ 71,226,005	\$ 60,173,383	\$ 44,595,412	\$ 21,606,157	\$ 13,720,792	\$ 10,758,322	\$ 10,887,876	\$ 10,877,928	\$ 371,654,176
NET NATURAL GAS EXPENSE	\$ 31,196	\$ 35,412	\$ 34,418	\$ 33,599	\$ 44,990	\$ 40,513	\$ 40,218	\$ 28,933	\$ 25,441	\$ 36,853	\$ 32,778	\$ 33,434	\$ 407,785
PURCHASED ELECTRIC & MISC PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
TOTAL APPLICABLE EXPENSES	\$ 11,916,085	\$ 19,296,441	\$ 37,603,735	\$ 59,167,178	\$ 71,395,995	\$ 60,173,383	\$ 44,635,630	\$ 21,635,090	\$ 13,746,233	\$ 10,795,175	\$ 10,910,654	\$ 10,911,362	\$ 372,185,961
TOTAL GCR FIRM SALES	\$ 864,233	\$ 1,143,825	\$ 2,669,515	\$ 4,956,310	\$ 9,241,170	\$ 7,852,606	\$ 5,938,551	\$ 3,971,259	\$ 1,791,179	\$ 1,070,723	\$ 925,296	\$ 882,970	\$ 41,310,668

Philadelphia Gas Works' Base Rate Filing

02/23/23

**PGW
NET COST OF FUEL
FY 2021-22**

WACOG	SEP 2021	OCT	NOV	DEC	JAN 2022	FEB	MAR	APR	MAY	JUNE	JULY	AUGUST	TOTAL
Natural Gas Billed	2,991,963	3,014,822	2,419,990	2,428,250	2,431,924	2,575,508	6,099,447	3,736,858	4,489,765	4,279,166	4,437,481	4,361,968	\$43,249,153
Texas Eastern	2,757,793	2,853,088	2,421,479	2,542,307	2,581,037	2,341,220	2,484,745	2,896,117	2,896,117	2,120,857	2,176,649	2,503,928	30,494,862
Trinaco	10,571,742	14,847,246	26,689,554	26,810,882	23,133,595	29,925,066	19,276,573	14,021,537	18,143,557	16,702,952	16,206,932	21,283,766	240,215,123
Other	0	0	0	0	0	0	(263,739)	0	0	0	0	0	(263,739)
Less: System - Off Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
Less: Off-Asset Management Agreement	0	0	0	0	0	0	(4,302,031)	0	0	0	0	0	(4,302,031)
Less: Total Natural Gas Billed	\$16,321,497	\$20,715,156	\$31,531,013	\$31,781,438	\$28,146,555	\$34,841,794	\$27,577,026	\$16,873,730	\$25,509,439	\$23,102,996	\$24,823,062	\$28,149,660	\$309,373,367
Less: Daily & Monthly Imbalance Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Less: NCG, AG, & GTS	\$90	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$194	\$1,120
Less: Sendout Volume (Mcf) @ Avoided Cost	\$3,7524	\$5,1938	\$5,3760	\$4,6116	\$3,6996	\$5,1901	\$4,0508	\$4,6116	\$6,5443	\$8,0346	\$7,0047	\$7,7412	\$7,3203
Less: BPS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Less: Sendout Volume (Mcf) @ Avoided Cost	\$3,7524	\$5,1938	\$5,3760	\$4,6116	\$3,6996	\$5,1901	\$4,0508	\$4,6116	\$6,5443	\$8,0346	\$7,0047	\$7,7412	\$7,3203
Less: LNG Sales from Tank & Third Party Sales	\$200,000	\$0	\$0	\$0	\$2,382,477	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,582,477
Less: Sendout Volume (Mcf) @ Commodity Value of Tank	\$9,870	\$0	\$0	\$3,270	\$32,315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,2185
Less: Off Systems Sales	\$0	\$0	\$0	\$0	\$0	\$38,146	\$0	\$0	\$0	\$0	\$0	\$0	\$38,146
Less: Sendout Volume (Mcf) @ Commodity Value of Tank	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$4,9043	\$0	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$4,9043
Less: CO Generation	\$136,289	\$138,408	\$202,897	\$178,889	\$129,043	\$160,586	\$163,268	\$141,997	\$208,145	\$313,440	\$245,552	\$283,112	\$2,301,726
Less: Sendout Volume (Mcf) @ Commodity Cost	\$6,347	\$6,649	\$7,741	\$6,791	\$4,880	\$9,941	\$9,295	\$8,011	\$11,806	\$13,011	\$10,555	\$12,367	\$118,800
Less: Gas Utility Used	\$32,226	\$32,755	\$145,829	\$188,388	\$220,363	\$314,118	\$152,286	\$133,866	\$80,744	\$57,763	\$34,442	\$47,794	\$1,440,564
Less: Sendout Volume (Mcf) @ Commodity Cost	\$3,7524	\$5,1938	\$5,3760	\$4,6116	\$3,6996	\$5,1901	\$4,0508	\$4,6116	\$6,5443	\$8,0346	\$7,0047	\$7,7412	\$74,987
Pipeline Storages	(7,196,694)	(7,042,739)	(2,789,341)	(3,297,293)	(2,210,603)	(1,530,706)	(2,388,340)	(1,802,816)	(6,725,807)	(9,840,456)	(12,371,330)	(15,465,983)	(\$74,662,128)
From	58,689	53,416	2,792,343	2,748,204	11,411,329	5,440,416	6,888,173	3,084,366	(80,332)	28,635	205,563	(424,740)	32,206,082
Net Pipeline Storages	(\$7,138,005)	(\$6,989,343)	\$3,002	(\$549,089)	\$9,200,726	\$3,909,710	\$4,499,833	\$1,281,550	(\$68,066,139)	(\$9,811,821)	(\$12,165,767)	(\$15,890,723)	(\$42,456,066)
LNG Storage													
(To)	(\$1,279)	(\$21,935)	(\$2,696,800)	(\$657,264)	\$613	(\$1,337,953)	(\$1,550,478)	(\$1,695,189)	(\$396,661)	\$286,702	\$0	\$0	(\$8,770,244)
From	355,786	229,726	299,820	334,603	5,969,311	879,538	417,321	340,963	305,326	258,595	275,970	286,334	9,953,295
Net LNG Storage	\$354,507	(\$492,209)	(\$2,396,980)	(\$322,661)	\$5,969,924	(\$458,415)	(\$1,133,157)	(\$1,354,226)	(\$91,333)	\$645,297	\$275,970	\$286,334	\$1,183,051
NET NATURAL GAS	\$9,169,294	\$13,062,441	\$28,788,309	\$30,542,411	\$40,585,322	\$37,780,239	\$30,628,148	\$16,525,191	\$16,323,078	\$13,464,443	\$12,653,271	\$12,214,171	\$281,736,319
Net Natural Gas Expense	\$9,169,294	\$13,062,441	\$28,788,309	\$30,542,411	\$40,585,322	\$37,780,239	\$30,628,148	\$16,525,191	\$16,323,078	\$13,464,443	\$12,653,271	\$12,214,171	\$281,736,320
Adjustment GSS Storage Refund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Planalytics Inc.	844	26,362	19,612	2,953	19,932	20,223	14,578	12,351	10,344	10,541	10,541	13,808	162,089
Electric	\$9,170,138	\$13,088,803	\$28,807,921	\$30,545,364	\$40,605,254	\$37,800,462	\$30,767,726	\$16,537,542	\$16,333,422	\$13,474,984	\$12,663,812	\$12,227,979	\$282,023,409
Non-Fuel Expense :													
ELRP Labor Expenses	6,084	7,362	7,681	6,592	7,008	5,836	4,158	5,225	4,269	5,573	6,595	8,000	76,383
ELRP Programmatic Expenses	-	1,039,825	838,522	865,961	538,228	637,609	820,985	685,212	688,433	-	1,174,982	1,156,997	8,416,754
ELRP Portfolio Allocation Expenses	(1,970)	1	2,464	3,006	3,813	3,215	2,386	2,806	2,339	1,563	949	1,276	21,838
Customer Responsibility Program	(1,188,272)	(403,005)	4,063,623	10,378,568	14,374,148	14,937,519	10,869,039	6,467,487	2,084,060	1,347,274	(2,553,943)	(945,650)	59,420,647
CRP Forgiveness 9/1/03	\$926,731	\$1,905,417	\$6,345,454	\$12,453,832	\$15,798,508	\$16,339,891	\$12,750,647	\$8,172,671	\$3,898,567	\$2,387,510	(\$423,499)	\$989,655	13,827,187
Total Non-Fuel Expenses	\$10,096,870	\$14,994,220	\$35,153,376	\$42,999,197	\$56,403,762	\$54,140,353	\$43,518,374	\$24,710,213	\$20,231,990	\$15,862,494	\$12,240,313	\$13,437,057	\$343,786,218
Total GCR plus Non-Fuel Expenses	\$0	(\$14,143)	(\$11,314)	\$0	(\$241)	\$0	\$0	\$0	\$0	(\$1,953)	(\$126,815)	\$6,382	(\$246,083)
Natural Gas Refund	\$0	(310)	(1,879)	0	(3)	0	0	0	0	(18)	(18)	0	(6,253)
Interest on Refund	\$0	(\$14,453)	(\$113,192)	\$0	(\$244)	\$0	\$0	\$0	\$0	(\$1,971)	(\$130,859)	\$6,382	(\$254,336)
Total Refund Received	\$0	(\$14,453)	(\$113,192)	\$0	(\$244)	\$0	\$0	\$0	\$0	(\$1,971)	(\$130,859)	\$6,382	(\$254,336)
Demand Charges	5,636,125	5,752,507	4,703,963	4,781,180	4,704,373	8,316,213	8,316,213	3,152,715	7,377,648	6,487,169	6,636,013	6,861,351	69,188,707
Commodity Charges	\$10,685,373	\$14,962,649	\$26,527,050	\$27,000,167	\$30,137,422	\$29,368,375	\$19,256,813	\$13,721,015	\$16,131,932	\$16,615,927	\$18,187,049	\$21,288,309	240,183,660
Commodity	16,321,497	20,715,156	31,531,013	31,781,438	28,146,555	34,841,794	27,577,026	16,873,730	25,509,439	23,102,996	24,823,062	28,149,660	309,373,367

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.25. Submit calculations supporting energy cost per MCF and operating ratio used to determine increase in costs other than production to serve additional load.

RESPONSE:

Please see attached.

Philadelphia Gas Works

Levelized Gas Cost Rate

September 1, 2023

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,231,182	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 79,756,893	\$ 234,375,024	\$ 314,131,917	
Purchased Electric & Misc Expense:	\$ 0	\$ 491,259	\$ 491,259	
Applicable GCR Expense	\$ 79,756,893	\$ 234,866,284	\$ 314,623,177	Schedule 3
C = Total Applicable GCR Expense	\$ 79,756,893	\$ 234,866,284	\$ 314,623,177	
<hr/>				
SSC = C / S	\$ 1.9344	\$ 5.6963	\$ 7.6307	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)	2,224,087		41,231,182	Schedule 2
Interest	\$ (176,563)	\$ 514,753	\$ 338,191	Schedule 5(a),5(c)
E-Factor Reconciliation	\$ (2,224,087)	\$ 2,223,401	\$ (686)	Schedule 4(b),4(c),4(e)
	\$ (2,400,649)	\$ 2,738,154	\$ 337,505	
<hr/>				
E = E-Factor	\$ (0.0582)	\$ 0.0664	\$ 0.0082	
<hr/>				
Interruptible Revenue Credit			\$ 297,604	Schedule 10(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0072	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 314,663,078	
<u>GCR = SSC + GAC - IRC</u>			\$ 7.6317	
<hr/>				
SSC in effect 9/01/23	\$ 1.9130	\$ 5.6335	\$ 7.5465	
GAC in effect 9/01/23	\$ (0.0469)	\$ 0.0535	\$ 0.0066	
IRC in effect 9/01/23			\$ (0.0072)	
GCR in effect 9/01/23			\$ 7.5459	Schedule 7
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,231,182	
= GCR Projected Recovery			\$ 311,787,036	
= Load Balancing Revenue			\$ 2,836,382	
= LNG Sales Demand Revenue			\$ 38,688	
= Total Projected Recovery			\$ 314,662,107	Schedule 7
Compared To				
Net Applicable GCR Expenses			\$ 314,663,078	
= Net Over/(Under) Recovery			\$ (971)	
<hr/>				
Degree Days			3,923	

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.26. Submit detailed calculations for bulk gas transmission service costs under supply and/or interconnection agreements.

RESPONSE:

PGW does not have bulk gas transmission service under supply and/or interconnection agreements.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.27. Submit a schedule for gas producing units retired or scheduled for retirement subsequent to the test year showing station, units, MCF capacity, hours of operation during test year, net output produced and cents/MCF of maintenance and fuel expenses.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.28. Provide a statement explaining the details of firm gas purchase (long-term) contracts with affiliated and nonaffiliated utilities, including determination of costs, terms of contract, and other pertinent information.

RESPONSE:

PGW currently has nine (9) contracts for firm gas purchase (long-term) arrangements which supplies approximately 35% of PGW's gas supply. For both FY 2023 and 2024, PGW is projecting that customers will save approximately \$5.9 million per year from these arrangements. Pursuant to provisions in the Internal Revenue Code, PGW can pass on the savings from these long-term arrangements to customers because municipal gas companies can use tax exempt bonds to finance prepaid gas purchases of gas to obtain significant discounts. In short, the natural gas is purchased through a third-party municipal authority which issues a tax-free long-term bond and uses the proceeds to "prepay" for the natural gas it will purchase on behalf of various municipal gas utilities, including PGW. The gas is sold to the municipal authority and in turn to PGW at a discount from index in recognition of the fact that the supplier is able to invest the prepayment proceeds at taxable rates. The supplier then provides PGW with natural gas at significant discounts from a market index price, the size of which is based on the spread between non-taxable bonds and taxable investments. PGW then passes this onto customers to reduce natural gas costs charged to sales customers.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.29. Provide intrastate operations percentages by expense categories for two years prior to the test year.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.30. Provide a schedule showing suppliers, MCF purchased, cost (small purchases from independent suppliers may be grouped); emergency purchases, listing same information; curtailments during the year; gas put into and taken out of storage; line loss, and any other gas input or output not in the ordinary course of business.

RESPONSE:

See attached schedule.

Philadelphia Gas Works' Base Rate Filing

Exh.A-III.E.30.

Gas Supply	MCF @1034 BTU		COSTS
Spot Purchases - Transco	13,207,085	\$	68,348,136
Transco Supplier 32	555,536	\$	3,714,251
Transco Supplier 37	6,019,830	\$	31,839,333
Transco Supplier 40	3,546,638	\$	19,411,381
Transco Supplier 41	-	\$	210,450
Transco Supplier 42	-	\$	768,600
Spot Purchases - Tetco	13,692,275	\$	71,162,863
TETCO Supplier 24	1,117,269	\$	5,800,249
TETCO Supplier 33	3,546,491	\$	17,588,498
TETCO Supplier 34	1,061,896	\$	5,149,005
TETCO Supplier 38	2,356,052	\$	12,656,733
Supply Subtotal	45,103,072	\$	236,649,500
Supply Transportation Charges		\$	3,623,332
Storage Injection and Withdrawal Charges		\$	1,339,785
Received Gas Cost		\$	241,612,617
Supply for FT	5,495,480	\$	-
Transportation Fuel	(750,701)	\$	-
Total City Gate Delivered (PGW)	49,847,850	\$	241,612,617
Storage			
PGW Storage Injected	13,245,810	\$	74,219,904
FT Payback Storage	1,016,325	\$	(5,508,806)
LNG Liquified	1,679,068	\$	9,944,406
To Storage	15,941,203	\$	78,655,503
PGW Storage Withdrawal	13,263,621	\$	73,458,586
Withdrawal for FT	1,016,325	\$	5,508,806
LNG Sales	20,000	\$	119,991
PGW LNG Vaporization & Boiloff	1,582,352	\$	9,010,129
From Storage	15,882,299	\$	88,097,512
Natural Gas Supply	49,788,946		
Plant Use	(151,798)		
Storage Inj /Wd Fuel	(408,040)		
	49,229,108		
Company Use	(288,257)		
	48,940,851		
Line loss or Unaccounted for gas	(909,495)		
Total Sales	48,031,355		

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.31. Provide a schedule showing the determination of the fuel costs included in the base cost of fuel.

RESPONSE:

All of PGW's fuel costs are included in the fuel adjustment clause (GCR). Attached is a schedule showing the fuel costs and the calculation of the GCR.

Philadelphia Gas Works

Levelized Gas Cost Rate

September 1, 2023

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,231,182	GCR 3
<hr/>				
Net Natural Gas Expense	\$ 79,756,893	\$ 234,375,024	\$ 314,131,917	
Purchased Electric & Misc Expense:	\$ 0	\$ 491,259	\$ 491,259	
Applicable GCR Expense	\$ 79,756,893	\$ 234,866,284	\$ 314,623,177	GCR 5
C = Total Applicable GCR Expense	\$ 79,756,893	\$ 234,866,284	\$ 314,623,177	
SSC = C / S	\$ 1.9344	\$ 5.6963	\$ 7.6307	

Adjustment For:

E-Factor Volumes (Mcf)	2,224,087		41,231,182	
Interest	\$ (176,563)	\$ 514,753	\$ 338,191	GCR 6 (c)
E-Factor Reconciliation	\$ (2,224,087)	\$ 2,223,401	\$ (686)	GCR 8 (b), (c)
	\$ (2,400,649)	\$ 2,738,154	\$ 337,505	
E = E-Factor	\$ (0.0582)	\$ 0.0664	\$ 0.0082	

Interruptible Revenue Credit			\$ 297,604	GCR 7 (a)
IRC = Interruptible Revenue Credit / S			\$ 0.0072	

Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 314,663,078	
<u>GCR = SSC + GAC - IRC</u>			\$ 7.6317	

SSC in effect 9/01/23	\$ 1.9130	\$ 5.6335	\$ 7.5465	
GAC in effect 9/01/23	\$ (0.0469)	\$ 0.0535	\$ 0.0066	
IRC in effect 9/01/23			\$ (0.0072)	
GCR in effect 9/01/23			\$ 7.5459	GCR 2

Recovery Test on:

Firm Sales (Mcf)		41,231,182		
= GCR Projected Recovery		\$ 311,787,036		
= Load Balancing Revenue		\$ 2,836,382		
= LNG Sales Demand Revenue		\$ 38,688		
= Total Projected Recovery		\$ 314,662,107		GCR 2
Compared To				
Net Applicable GCR Expenses		\$ 314,663,078		
= Net Over/(Under) Recovery		\$ (971)		

Degree Days 3,923

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.32. Provide a schedule showing the calculation of any deferred fuel costs shown in Account 174. Also, explain the accounting, with supporting detail, for any associated income taxes.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.33. Submit a schedule showing maintenance expenses, gross plant and the relation of maintenance expenses thereto as follows:

III.E.33.(i) Gas Production Maintenance Expenses per MCF production, per \$1,000 MCF production, and per \$1,000 of Gross Production Plant;

III.E.33.(ii) Transmission Maintenance Expenses per MMCF mile and per \$1,000 of Gross Transmission Plant;

III.E.33.(iii) Distribution Maintenance Expenses per customer and per \$1,000 of Gross Distribution Plant;

III.E.33.(iv) Storage Maintenance Expenses per MMCF of Storage Capacity and \$1,000 of Gross Storage Plant. This schedule shall include three years prior to the test year, the test year and one year's projection beyond the test year.

RESPONSE:

Please see attached.

Philadelphia Gas Works' Base Rate Filing

Exh.A - III.E.33

Page 1 of 1

PHILADELPHIA GAS WORKS SCHEDULE OF MAINTENANCE EXPENSES AND GROSS PLANT

		TWELVE MONTHS ENDED			
		<u>August 31, 2024</u>	<u>August 31, 2023</u>	<u>August 31, 2022</u>	<u>August 30, 2021</u>
1)	Gas Production Maintenance Expenses	\$1,430,978	\$1,449,826	\$1,602,774	\$1,794,785
	Gross Plant Production	\$72,644,441	\$69,425,441	\$67,127,441	\$67,074,366
	Per Mcf Production	N/A	N/A	N/A	N/A
	Per \$1000 Mcf Production	N/A	N/A	N/A	N/A
	Per \$1000 of Gross Production Plant	\$19.698	\$20.883	\$23.877	\$26.758
2)	Transmission Maintenance Expenses	\$2,757,212	\$2,793,528	\$2,256,215	\$2,160,077
	Gross Transmission Expenses	\$0	\$0	\$0	\$0
	Per Mmcf mile	N/A	N/A	N/A	N/A
	Per \$1000 of Gross Transmission Plant	N/A	N/A	N/A	N/A
3)	Distribution Maintenance Expense	\$68,620,884	\$69,524,705	\$34,691,332	\$35,264,119
	Gross Distribution Plant	\$2,428,110,798	\$2,320,498,798	\$2,243,660,798	\$2,139,203,156
	Total Customers	518,000	517,000	522,000	524,000
	Per Customer	\$132.47	\$134.48	\$66.46	\$67.30
	Per \$1000 of Gross Distribution Plant	\$28.26	\$29.96	\$15.46	\$16.48
4)	Storage Maintenance Expense	\$8,411,734	\$8,522,527	\$7,888,112	\$7,191,421
	Gross Storage Plant	\$169,211,120	\$161,712,120	\$156,357,120	\$156,041,562
	Maximum Gross Storage Capacity (Mmcf)	4,299	4,299	4,299	4,299
	Per Mmcf of Storage Capacity	\$1,956.67	\$1,982.44	\$1,834.83	\$1,672.77
	Per \$1000 of Gross Storage Plant	\$49.71	\$52.70	\$50.45	\$46.09

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.34. Prepare a 3-column schedule of expenses, as described below for the following periods (supply sub-accounts, if significant, to clarify basic accounts):

III.E.34.a. Column 1—Test Year

III.E.34.b. Column 2 and 3—The two previous years

Provide the annual recorded expense by accounts. (Identify all accounts used but not specifically listed below.)

NATURAL GAS PRODUCTION
EXPENSES
NATURAL GAS PRODUCTION AND
GATHERING

OPERATION

- 750 Operation supervision and engineering
- 751 Production maps and records
- 752 Gas wells expenses
- 753 Field lines expenses
- 754 Field compressor station expenses
- 755 Field compressor station fuel and power
- 756 Field measuring and regulating station expenses
- 757 Purification expenses
- 758 Gas well royalties
- 759 Other expenses
- 760 Rents

Total

MAINTENANCE

- 761 Maintenance supervision and engineering
- 762 Maintenance of structures and improvements
- 763 Maintenance of producing gas wells
- 764 Maintenance of field lines
- 765 Maintenance of field compressor station equipment
- 766 Maintenance of field measuring and regulating station equipment
- 767 Maintenance of purification equipment
- 768 Maintenance of drilling and cleaning equipment
- 769 Maintenance of other equipment

Total

Total Natural Gas Production and Gathering

OPERATION

- 770 Operation supervision and engineering
- 771 Operation labor
- 772 Gas shrinkage
- 773 Fuel
- 774 Power

Philadelphia Gas Works' Base Rate Filing

775 Materials
776 Operation supplies and expenses
777 Gas processed by others
778 Royalties on products extracted
779 Marketing expenses
780 Products purchased for resale
781 Variation in products inventory
782 Extracted products used by the utility—Credit
783 Rents

Total

MAINTENANCE

784 Maintenance supervision and engineering
785 Maintenance of structures and improvements
786 Maintenance of extraction and refining equipment
787 Maintenance of pipe lines
788 Maintenance of extracted products storage equipment
789 Maintenance of compressor equipment
790 Maintenance of gas measuring and regulating equipment
791 Maintenance of other equipment

Total

Total Products Extraction

EXPLORATION AND DEVELOPMENT EXPENSES

OPERATION

795 Delay rentals
796 Nonproductive well drilling
797 Abandoned leases
798 Other exploration

Total Exploration and Development

OTHER GAS SUPPLY EXPENSES

OPERATION

800 Natural gas well head purchases
801 Natural gas field line purchases
802 Natural gas gasoline plant outlet purchases
803 Natural gas transmission line purchases
804 Natural gas city gate purchases
805 Other gas purchases 806 Exchange gas
807 Purchased gas expenses
808 Gas withdrawn from storage—Debit
809 Gas delivered to storage—Credit
810 Gas used for compressor station fuel—Credit
811 Gas used for other products extraction—Credit
812 Gas used for other utility operations—Credit
813 Other gas supply expenses

Philadelphia Gas Works' Base Rate Filing

Total
Total Other Gas Supply Expenses
Total Production Expenses

UNDERGROUND STORAGE EXPENSES

OPERATION

814 Operation supervision and engineering
815 Maps and records
816 Wells expenses
817 Lines expenses
818 Compressor station expenses
819 Compressor station fuel and power
820 Measuring and regulating station expenses
821 Purification expenses
822 Exploration and development
823 Gas losses
824 Other expenses
825 Storage wells royalties
826 Rents

Total

MAINTENANCE

830 Maintenance supervision and engineering
831 Maintenance of structures and improvements
832 Maintenance of reservoirs and wells
833 Maintenance of lines
834 Maintenance of compressor station equipment
835 Maintenance of measuring and regulating station equipment
836 Maintenance of purification equipment
837 Maintenance of other equipment

Total

Total Underground Storage Expenses

OTHER STORAGE EXPENSES

OPERATION

840 Operation supervision and engineering
841 Operation labor and expenses
842 Rents
842.1 Fuel
842.2 Power
842.3 Gas Losses

Total

MAINTENANCE

843 Maintenance supervision and engineering
844 Maintenance of structures and improvements
845 Maintenance of gas holders

Philadelphia Gas Works' Base Rate Filing

846 Maintenance of purification equipment
847 Maintenance of liquefaction equipment
848 Maintenance of vaporizing equipment
848.1 Maintenance of compressor equipment
848.2 Maintenance of measuring and regulating equipment
848.3 Maintenance of other equipment
Total
Total Other Storage Expenses

TRANSMISSION EXPENSES

OPERATION

850 Operation supervision and engineering
851 System control and load dispatching
852 Communications system expenses
853 Compressor station labor and expenses
854 Gas for compressor station fuel
855 Other fuel and power for compressor stations
856 Mains expenses
857 Measuring and regulating station expenses
858 Transmission and compression of gas by others
859 Other expenses
860 Rents
Total

MAINTENANCE

861 Maintenance supervision and engineering
862 Maintenance of structures and improvements
863 Maintenance of mains
864 Maintenance of compressor station equipment
865 Maintenance of measuring and regulating station equipment
866 Maintenance of communication equipment
867 Maintenance of other equipment
Total
Total Transmission Expenses

DISTRIBUTION EXPENSES

OPERATION

870 Operation supervision and engineering
871 Distribution load dispatching
872 Compressor station labor and expenses
873 Compressor station fuel and power
874 Mains and services expenses
875 Measuring and regulating station expenses—General
876 Measuring and regulating station expenses—Industrial
877 Measuring and regulating station expenses—City gate check stations
878 Meter and house regulator expenses
879 Customer installations expenses

Philadelphia Gas Works' Base Rate Filing

880 Other expenses
881 Rents Total MAINTENANCE
885 Maintenance supervision and engineering
886 Maintenance of structures and improvements
887 Maintenance of mains
888 Maintenance of compressor station equipment
889 Maintenance of measuring and regulating station equipment—General
890 Maintenance of measuring and regulating station equipment—Industrial
891 Maintenance of measuring and regulating station equipment—City gate check station
892 Maintenance of services
893 Maintenance of meters and house regulators
894 Maintenance of other equipment
Total
Total Distribution Expenses

CUSTOMER ACCOUNTS EXPENSES

OPERATION

901 Supervision
902 Meter reading expenses
903 Customer records and collection expenses
904 Uncollectible accounts
905 Miscellaneous customer accounts expenses
Total Customer Accounts Expenses

CUSTOMER SERVICE EXPENSES

OPERATION

909 Supervision
910 Customer assistance expenses
911 Informational advertising expenses
912 Miscellaneous customer service expenses
Total Customer Service Expenses

SALES PROMOTION EXPENSES

OPERATION

915 Supervision
916 Demonstrating and selling expenses
917 Promotional advertising expenses
918 Miscellaneous sales promotion expenses
Total Sales Promotion Expenses

ADMINISTRATIVE AND GENERAL EXPENSES

OPERATION

920 Administrative and general salaries
921 Office supplies and expenses
922 Administrative expenses transferred—Credit

Philadelphia Gas Works' Base Rate Filing

923 Outside service employed
924 Property insurance
925 Injuries and damages
926 Employee pensions and benefits
927 Franchise requirements
928 Regulatory commission expenses
929 Duplicate charges—Credit
930.1 Institutional or goodwill advertising expense
930.2 Miscellaneous general expense
931 Rents
Total Administrative and General Expenses

MAINTENANCE

932 Maintenance of general plant
Total Administrative and General Expense
Total Operation Expenses and Purchased Power
Total Maintenance Expense
Total Operation and Maintenance Expense

RESPONSE:

Please see the attached schedule III.E.34.

Philadelphia Gas Works' Base Rate Filing

PGW No. 156
Exh.A - III.E.34

**PHILADELPHIA GAS WORKS
COMPARATIVE OPERATING STATEMENTS
TWELVE MONTHS ENDED AUGUST 31, 2022, 2023 & 2024**

	PERIOD	FY 2022	FY 2023	FY 2024
OPERATING EXPENSES INCLUDING FUEL AND RAW MATERIAL				
STEAM PRODUCTION				
7010 OPERATING LABOR		240,709	306,936	319,428
7020 BOILER FUEL		278,941	160,504	199,319
7030 MISC STEAM EXPENSES		311,057	382,608	396,779
7060 MAINT OF STRUCTURE & IMPROVEMENTS		9,274	5,432	5,652
7070 MAINT OF BOILER PLANT EQUIPMENT		281,751	265,608	276,098
7080 MAINT OF OTHER STEAM PRODUCTION PLANT		10,498	0	0
7100 OPERATION SUPERVISION AND ENGINEERING		0	0	0
MANUFACTURED GAS PRODUCTION				
7120 LABOR & EXP - OTHER POWER EXP		377,518	812,740	842,314
7170 LABOR & EXP LIQUEFIED PETROLEUM		0	0	0
GAS RAW MATERIAL				
7340 GAS RAW MATL DUPLICATE CHARGES - CREDIT		(196,728)	(576,000)	(596,000)
7350 GAS RAW MATL MISC PROD EXP		1,846,574	1,567,657	1,632,567
7400 MAINTENANCE SUPERVISION AND ENGINEERING		435,313	448,664	466,938
7410 MAINT OF STRUCTURE & IMPROVEMENTS		186,696	143,440	149,100
7420 MAINT OF PRODUCTION EQUIP		679,242	513,032	533,190
OTHER GAS SUPPLY EXPENSES				
8040 NATURAL GAS CITY GATE PURCHASES		313,711,056	249,046,742	309,274,000
8072 PURCHASE GAS EXPENSES		249,486	299,729	372,213
8075 PURCHASE GAS EXPENSES		3,249,376	3,193,571	3,965,875
8081 GAS WITHDRAWN FROM STORAGE - DEBIT		42,051,573	68,811,117	88,097,512
8082 GAS DELIVERED TO STORAGE - DEBIT		(83,324,593)	(57,353,859)	(73,869,531)
8120 GAS USED FOR UTILITY OPERATIONS - CREDIT		(13,319,222)	416,405	(4,699,828)
8130 OTHER GAS SUPPLY EXPENSE		13,264,112	2,942,191	24,772
OTHER STORAGE EXPENSES				
8400 RATION SUPERVISION & ENGINEERING		2,017,211	1,762,544	1,326,583
8410 OTHER STORAGE EXP OPERATIONS LABOR & EXPENSES		3,401,567	3,829,028	3,984,656
8421 FUEL		284,805	110,843	333,320
8422 POWER		99,414	322,135	315,615
8431 MAINTENANCE SUPERVISION & ENGINEERING		803,817	776,496	760,780
8432 MAINTENANCE OF STRUCTURE & IMPROVEMENTS		989,606	1,336,388	1,309,340
8433 MAINTENANCE OF GAS HOLDERS		1,302,149	1,070,912	1,049,237
8434 MAINTENANCE OF PURIFICATION EQUIPMENT		20,474	21,580	21,143
8435 MAINTENANCE OF LIQUEFACTION EQUIPMENT		628,525	1,435,732	1,406,673
8436 MAINTENANCE OF VAPORIZING EQUIPMENT		1,905,050	1,330,494	1,303,565
8437 MAINTENANCE OF COMPRESSOR EQUIPMENT		224,314	498,928	488,830
8438 MAINTENANCE OF MEASURING & REGULATING EQUIPMENT		251,086	189,096	185,269
8439 MAINTENANCE OF OTHER EQUIPMENT		1,763,091	1,603,740	1,571,281
TRANSMISSION EXPENSES				
8500 TRANSMISSION EXPENSES OPERATION SUPERVISION & ENGINEERING		1,202,868	1,668,986	1,272,079
DISTRIBUTION EXPENSES				
8700 OPERATION SUPERVISION & ENGINEERING		2,256,215	2,684,759	2,757,212
8710 DISTRIBUTION LOAD DISPATCHING		2,186,979	2,116,496	2,159,112
8740 MAIN & SERVICE		4,791,971	6,638,865	6,572,516
8750 MEASURING & REGULATING STATION EXPENSES - GENERAL		2,204,842	2,391,723	2,279,656
8760 PURCHASE GAS EXPENSES		293,412	164,040	152,134
8770 MEASURING & REGULATING STATION EXP - CITY GATE CHECK STATIONS		624,438	724,356	750,879
8780 METER & HOUSE REGULATOR EXPENSES		15,143,513	17,957,104	18,879,996
8790 CUSTOMER INSTALLATION EXPENSES		4,568,438	5,288,777	10,926,166
8800 OTHER OPERATION EXPENSES		9,888,693	17,994,227	16,488,714
8810 DISTRIBUTION EXPENSES - RENTS		5,607	10,000	10,000
8850 MAINTENANCE SUPERVISION & ENGINEERING		255,721	365,412	379,841
8870 MAINTENANCE OF MAINS		27,363,464	30,298,233	30,061,180
8890 MAINTENANCE OF MEASURING & REGULATING STATION EQUIPMENT		1,643,392	1,297,181	1,278,679
8900 INDUSTRIAL M&R MAINTENANCE		92,337	99,499	93,342
8910 MAINTENANCE OF MEASURING & REGULATING STATION EQUIPMENT		394,329	603,544	617,985
8920 MAINTENANCE OF SERVICES		1,902,043	2,558,901	2,486,801
8930 MAINTENANCE OF METERS & HOUSE REGULATORS		3,040,039	3,668,803	3,703,056

Philadelphia Gas Works' Base Rate Filing

PGW No. 156
Exh.A - III.E.34

PHILADELPHIA GAS WORKS
COMPARATIVE OPERATING STATEMENTS
TWELVE MONTHS ENDED AUGUST 31, 2022, 2023 & 2024

	PERIOD		
	FY 2022	FY 2023	FY 2024
OPERATING EXPENSES INCLUDING FUEL AND RAW MATERIAL			
CUSTOMER ACCOUNTS EXPENSES			
9010 SUPERVISION	716,660	2,629,807	2,839,208
9020 METER READING EXPENSES	552,625	899,140	868,120
9030 CUSTOMER RECORDS & COLLECTION EXPENSES	28,030,781	31,396,045	37,465,414
9040 UNCOLLECTIBLE ACCOUNTS	25,287,000	34,955,000	36,885,000
9080 CUSTOMER ASSISTANCE EXPENSES	4,504,944	5,788,108	6,333,595
ADMINISTRATIVE & GENERAL			
9200 SALARIES	19,205,083	20,760,638	23,731,632
9210 OFFICE SUPPLIES & EXPENSES	31,337,615	34,149,528	43,153,180
9220 ADMINISTRATIVE EXPENSES TRANSFERRED - CREDIT	(31,678,196)	(36,397,000)	(42,288,000)
9230 OUTSIDE SERVICES EMPLOYED	2,871,210	3,105,000	3,979,223
9240 PROPERTY INSURANCE	1,832,700	1,741,926	2,071,547
9250 INJURIES & DAMAGES	7,711,380	9,788,873	11,131,853
9260 EMPLOYEE PENSIONS & BENEFITS	42,416,458	29,366,566	29,263,186
9280 REGULATORY COMMISSION EXPENSES	3,426,566	4,073,000	4,397,000
9290 DUPLICATE CHARGES - CREDIT	(1,528,100)	(974,000)	(1,596,000)
9301 GENERAL ADVERTISING EXPENSES	372,214	3,537,000	3,721,490
9302 MISCELLANEOUS GENERAL EXPENSES	4,819,720	5,086,000	5,351,287
9310 RENTS	133,622	0	0
9990 OPED FUNDING	0	0	0
OTHER EXPENSES			
4081 TAXES OTHER THAN INCOME TAXES, UTILITY OPERATING INCOME	8,984,014	10,098,000	10,434,000
4030 DEPRECIATION EXPENSE	70,318,942	76,439,000	72,433,850
LESS APPLIANCE & OTHER REVENUE REPORTED AS A CREDIT TO OPERATING EXPENSE ACCOUNTS			
8790 CUSTOMER INSTALLATION EXPENSE	4,568,438	5,288,777	10,926,166
9030 CUSTOMER RECORDS & COLLECTION EXPENSE	28,030,781	31,396,045	37,465,414
TOTAL OPERATING & DEPRECIATION EXPENSES	558,608,064	581,963,148	644,100,044
INTEREST EXPENSES			
4270 INTEREST ON LONG TERM DEBT (DR)	47,044,316	51,869,000	48,364,000
4280 AMORTIZATION OF DEBT DISCOUNT AND EXPENSE (DR)	63,308	64,000	61,000
4281 AMORTIZATION OF LOSS ON REACQUIRED DEBT	2,746,292	3,615,000	3,348,000
4290 AMORTIZATION OF PREMIUM ON DEBT (CR)	(11,530,003)	(10,474,000)	(5,874,000)
4310 OTHER INTEREST EXPENSE (DR)	1,039,873	4,030,000	3,297,000
4320 ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION (CR)	(0)	0	0
TOTAL INTEREST EXPENSES	39,363,786	49,104,000	49,196,000

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.35. Submit a schedule showing the Gross Receipts Tax Base used in computing Pennsylvania Gross Receipts Tax Adjustment.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.36. State the amount of gas, in Mcf, obtained through various suppliers in past years.

RESPONSE:

Please see the attached schedule showing the amount of gas, in mcf, obtained through various suppliers, for Fiscal Years 2020, 2021 and 2022.

Philadelphia Gas Works' Base Rate Filing

September 2019

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	1.7%	1.041	150,000	144,040	2,520	2,420	141,620	\$9,836.92	\$3,912.30	\$232,875.00	\$1.5525
SEQUENT	1.7%	1.041	150,000	144,040	2,520	2,420	141,620	\$9,836.91	\$3,912.30	\$232,875.00	\$1.5525
NEXTERA	1.7%	1.041	300,000	288,080	5,040	4,840	283,241	\$19,673.83	\$7,812.00	\$465,000.00	\$1.5500
EQT--Baseload	1.7%	1.041	150,000	144,040	2,520	2,420	141,620	\$9,645.19	\$3,956.40	\$235,500.00	\$1.5700
EQT--Baseload	1.7%	1.041	300,000	288,080	5,040	4,840	283,241	\$19,673.83	\$7,812.00	\$465,000.00	\$1.5500
EQT - SW	1.7%	1.041	30,000	28,808	504	484	28,324	\$1,967.38	\$720.72	\$42,900.00	\$1.4300
OXY SW		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.041	1,080,000	1,037,089	18,144	17,423	1,019,666	\$70,634.06	\$28,125.72	\$1,674,150.00	\$1.5501

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.029	300,000	291,531	2,430	2,361	289,169	\$3,793.80	\$5,285.25	\$652,500.00	\$2.1750
MACQUARIE	0.7%	1.029	150,000	145,765	990	962	144,803	\$1,415.70	\$1,885.95	\$285,750.00	\$1.9050
MGAG	2.8%	1.029	112,080	108,916	3,180	3,090	105,826	\$4,356.90	\$5,795.55	\$204,265.80	\$1.8225
MGAG	2.8%	1.029	105,000	102,036	2,970	2,886	99,150	\$4,082.40	\$5,739.53	\$202,912.50	\$1.9325
COYANOSA	0.7%	1.029	150,000	145,765	990	962	144,803	\$1,415.70	\$1,910.70	\$289,500.00	\$1.9300
PACIFIC SUMMIT	0.7%	1.029	150,000	145,765	990	962	144,803	\$1,415.70	\$1,881.00	\$285,000.00	\$1.9000
CCISW		1.029	-	-	-	-	-	-	-	-	-
UET SW	2.8%	1.029	153,000	148,681	4,327	4,205	144,476	\$5,948.41	\$10,735.77	\$379,610.00	\$2.4811
FREEDOM ENERGY SW		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAG1		1.029	-	-	7,592	7,378	-	\$10,418.30	-	-	-
Totals & Averages	2.1%	1.029	1,120,080	1,088,460	23,469	22,806	1,073,031	\$32,846.91	\$33,233.74	\$2,299,538.30	\$2.0530
Grand Total	1.9%	1.035	2,200,080	2,125,549	41,613	40,230	2,092,697	\$103,480.97	\$61,359.46	\$3,973,688.30	\$1.8062

Philadelphia Gas Works' Base Rate Filing

October 2019

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	1.7%	1.042	155,000	148,723	2,604	2,499	146,224	\$10,164.81	\$3,443.79	\$204,987.50	\$1.3225
SEQUENT	1.7%	1.042	155,000	148,723	2,604	2,499	146,224	\$10,164.81	\$3,443.79	\$204,987.50	\$1.3225
NEXTERA	1.7%	1.042	310,000	297,445	5,208	4,997	292,448	\$20,329.62	\$6,874.56	\$409,200.00	\$1.3200
EQT--Baseload	1.7%	1.042	155,000	148,723	2,604	2,499	146,224	\$9,966.70	\$3,489.36	\$207,700.00	\$1.3400
EQT--Baseload	1.7%	1.042	310,000	297,445	5,208	4,997	292,448	\$20,329.63	\$6,874.56	\$409,200.00	\$1.3200
EQT - SW	1.7%	1.042	146,000	140,087	2,452	2,353	137,734	\$9,574.65	\$4,346.17	\$258,785.00	\$1.7725
OXY SW	1.7%	1.042	36,800	35,310	618	593	34,717	\$2,413.34	\$1,118.88	\$66,626.00	\$1.8105
Totals & Averages	1.7%	1.042	1,267,800	1,216,455	21,298	20,435	1,196,020	\$82,943.56	\$29,591.11	\$1,761,486.00	\$1.3894

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.029	310,000	301,254	2,511	2,440	298,814	\$3,920.26	\$5,461.43	\$674,250.00	\$2.1750
SHELL 45	0.6%	1.029	155,000	150,627	899	874	149,753	\$1,510.32	\$2,168.84	\$373,937.50	\$2.4125
MACQUARIE	0.7%	1.029	155,000	150,627	1,023	994	149,633	\$1,462.89	\$1,948.82	\$295,275.00	\$1.9050
MGAG	2.8%	1.029	108,500	105,439	3,069	2,982	102,456	\$4,218.48	\$6,483.26	\$229,206.25	\$2.1125
MGAG	2.8%	1.029	115,816	112,548	3,286	3,193	109,355	\$4,502.13	\$6,580.22	\$231,921.54	\$2.0025
COYANOSA	0.7%	1.029	155,000	150,627	1,023	994	149,633	\$1,462.89	\$1,974.39	\$299,150.00	\$1.9300
PACIFIC SUMMIT	0.7%	1.029	155,000	150,627	1,023	994	149,633	\$1,462.89	\$1,943.70	\$294,500.00	\$1.9000
CCI SW	2.8%	1.029	257,000	249,749	7,274	7,069	242,680	\$9,991.51	\$15,855.69	\$560,202.50	\$2.1798
UET SW	2.8%	1.029	399,000	387,743	11,291	10,972	376,771	\$15,512.17	\$24,394.64	\$862,055.00	\$2.1605
FREEDOM ENERGY SW	2.8%	1.029	35,000	34,013	987	959	33,053	\$1,360.87	\$2,204.54	\$78,175.00	\$2.2336
WSS INV		1.029	-	-	20	19	-	\$27.61	-	-	-
WSS SAG1		1.029	-	-	6,650	6,462	-	\$9,126.34	-	-	-
Totals & Averages	2.1%	1.029	1,845,316	1,793,254	39,056	37,954	1,761,782	\$54,558.36	\$69,015.52	\$3,898,672.79	\$2.1127
Grand Total	1.9%	1.034	3,113,116	3,009,709	60,354	58,390	2,957,801	\$137,501.92	\$98,606.63	\$5,660,158.79	\$1.8182

Philadelphia Gas Works' Base Rate Filing

November 2019

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP	3.0%	1.047	293,419	280,323	8,832	8,438	271,885	\$24,389.11	\$21,722.30	\$721,664.03	\$2.4595
SEQUENT	1.7%	1.047	330,000	315,271	5,550	5,302	309,968	\$21,640.82	\$10,503.38	\$624,525.00	\$1.8925
MACQUARIE	1.7%	1.047	165,000	157,635	2,760	2,637	154,999	\$10,821.41	\$5,230.20	\$312,675.00	\$1.8950
NEXTERA	1.7%	1.047	165,000	157,635	2,760	2,637	154,999	\$10,821.40	\$5,230.20	\$312,675.00	\$1.8950
TWIN EAGLE	1.7%	1.047	150,000	143,305	2,520	2,408	140,897	\$9,836.91	\$4,788.00	\$285,000.00	\$1.9000
MGAG - TD BANK	1.7%	1.047	163,320	156,030	2,730	2,608	153,422	\$10,711.36	\$4,327.05	\$258,862.20	\$1.5850
SEQUENT SW	1.7%	1.047	750,000	716,524	12,600	12,038	704,487	\$49,184.58	\$26,680.50	\$1,588,125.00	\$2.1175
DIRECT ENERGY SW	1.7%	1.047	300,000	286,610	5,040	4,815	281,795	\$19,673.83	\$10,672.20	\$635,250.00	\$2.1175
FIS-7		1.047	-	-	-	-	-	\$4,330.40	-	-	-
FIS-8		1.047	-	-	-	-	-	\$24,039.10	-	-	-
Totals & Averages	1.8%	1.047	2,316,739	2,213,334	42,792	40,882	2,172,452	\$185,448.92	\$89,153.83	\$4,738,776.23	\$2.0455

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.030	300,000	291,259	2,430	2,359	288,900	\$3,793.80	\$5,406.75	\$667,500.00	\$2.2250
MACQUARIE	2.8%	1.030	300,000	291,259	8,490	8,243	283,016	\$11,663.40	\$21,798.08	\$770,250.00	\$2.5675
UET	2.8%	1.030	42,390	41,155	1,200	1,165	39,990	\$1,647.90	\$3,087.00	\$109,048.28	\$2.5725
MGAG - MACQUARIE	2.8%	1.030	105,000	101,941	2,970	2,883	99,057	\$4,082.40	\$6,801.30	\$240,450.00	\$2.2900
MGAG - RBC	2.8%	1.030	240,000	233,007	6,780	6,582	226,425	\$9,331.20	\$14,746.50	\$522,000.00	\$2.1750
SHELL	2.8%	1.030	362,610	352,044	10,260	9,961	342,083	\$14,097.60	\$26,342.55	\$931,001.18	\$2.5675
MGAG	2.8%	1.030	300,000	291,259	8,490	8,243	283,016	\$11,663.40	\$21,479.70	\$759,000.00	\$2.5300
PEAK	2.8%	1.030	362,580	352,015	10,260	9,961	342,054	\$14,096.40	\$23,290.20	\$823,056.60	\$2.2700
SHELL SW	2.8%	1.030	750,000	728,147	21,210	20,592	707,555	\$29,158.80	\$53,834.52	\$1,903,625.00	\$2.5382
UET SW	2.8%	1.030	600,000	582,517	16,980	16,485	566,032	\$23,326.50	\$43,182.97	\$1,525,900.00	\$2.5432
WSS INV		1.030	-	-	261	253	-	\$358.74	-	-	-
WSS SAG1		1.030	-	-	7,800	7,573	-	\$10,707.61	-	-	-
Totals & Averages	2.9%	1.030	3,362,580	3,264,603	97,131	94,301	3,178,128	\$133,927.75	\$219,969.56	\$8,251,831.06	\$2.4540
Grand Total	2.5%	1.037	5,679,319	5,477,936	139,923	135,183	5,350,579	\$319,376.67	\$309,123.39	\$12,990,607.29	\$2.2874

Philadelphia Gas Works' Base Rate Filing

December 2019

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP	3.8%	1.045	310,000	296,637	11,687	11,183	285,454	\$28,339.74	\$27,259.93	\$723,075.00	\$2.3325
SEQUENT	2.4%	1.045	341,000	326,301	8,339	7,980	318,322	\$24,184.46	\$16,949.02	\$693,082.50	\$2.0325
MACQUARIE	2.5%	1.045	170,500	163,151	4,185	4,005	159,146	\$12,091.10	\$8,516.48	\$346,967.50	\$2.0350
NEXTERA	2.5%	1.045	170,500	163,151	4,185	4,005	159,146	\$12,091.10	\$8,516.48	\$346,967.50	\$2.0350
TWIN EAGLE	2.4%	1.045	155,000	148,319	3,782	3,619	144,700	\$10,993.55	\$7,715.28	\$316,200.00	\$2.0400
MGAG - ID BANK	2.4%	1.045	168,764	161,489	4,123	3,945	157,544	\$11,969.40	\$7,112.18	\$291,117.90	\$1.7250
SEQUENT SW	2.4%	1.045	775,000	741,593	18,972	18,154	723,439	\$54,956.11	\$34,715.70	\$1,418,125.00	\$1.8298
DIRECT ENERGY SW	2.5%	1.045	310,000	296,637	7,595	7,268	289,370	\$21,984.85	\$13,897.63	\$567,250.00	\$1.8298
PEAK	2.4%	1.045	374,666	358,516	9,176	8,780	349,735	\$26,571.13	\$15,966.24	\$651,918.84	\$1.7400
EQT CRAYNE DAY GAS	2.4%	1.045	130,000	124,396	3,172	3,035	121,361	\$9,055.52	\$5,950.55	\$243,875.00	\$1.8760
MACQUARIE DAY GAS	2.4%	1.045	10,000	9,569	244	233	9,335	\$709.26	\$472.75	\$19,375.00	\$1.9375
SPIRE ENERGY DAY GAS	2.4%	1.045	35,000	33,491	854	817	32,674	\$2,482.41	\$1,590.27	\$65,175.00	\$1.8621
FIS-7		1.045	-	-	-	-	-	\$11,677.33	-	-	-
FIS-8		1.045	-	-	-	-	-	\$33,658.23	-	-	-
Totals & Averages	2.6%	1.045	2,950,430	2,823,250	76,314	73,024	2,750,226	\$260,764.19	\$148,662.49	\$5,683,129.24	\$1.9262

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.030	310,000	300,957	2,511	2,438	298,519	\$3,920.26	\$6,993.14	\$863,350.00	\$2.7850
MACQUARIE	2.8%	1.030	310,000	300,957	8,773	8,517	292,440	\$12,052.18	\$24,476.67	\$864,900.00	\$2.7900
UET	2.8%	1.030	43,802	42,524	1,240	1,204	41,320	\$1,702.79	\$3,028.70	\$106,986.39	\$2.4425
MGAG - MACQUARIE	2.8%	1.030	108,500	105,335	3,069	2,979	102,355	\$4,218.48	\$6,629.04	\$234,360.00	\$2.1600
MGAG - RBC	2.8%	1.030	248,000	240,766	7,006	6,802	233,964	\$9,642.24	\$14,327.27	\$507,160.00	\$2.0450
SHELL	2.8%	1.030	374,697	363,767	10,602	10,293	353,474	\$14,567.52	\$27,162.32	\$959,973.71	\$2.5620
MGAG	2.8%	1.030	310,000	300,957	8,773	8,517	292,440	\$12,052.18	\$21,055.20	\$744,000.00	\$2.4000
VITOL	2.8%	1.030	310,000	300,957	8,773	8,517	292,440	\$12,052.18	\$22,371.15	\$790,500.00	\$2.5500
SHELL SW	2.8%	1.030	775,000	752,392	21,918	21,279	731,114	\$29,326.64	\$46,992.90	\$1,661,625.00	\$2.1440
UET SW	2.8%	1.030	619,985	601,899	17,546	17,034	584,865	\$24,103.45	\$37,707.10	\$1,332,374.13	\$2.1490
FREEDOM DAY GAS	3.1%	1.030	15,000	14,562	463	449	14,113	\$641.52	\$1,048.70	\$33,975.00	\$2.2650
NEXTERA DAY GAS	3.1%	1.030	51,000	49,512	1,575	1,529	47,983	\$2,181.15	\$3,482.06	\$112,752.50	\$2.2108
EQT DAY GAS	3.1%	1.030	51,000	49,512	1,575	1,529	47,983	\$2,181.15	\$3,520.13	\$113,985.00	\$2.2350
WSS INV		1.030	-	-	2,956	2,870	-	\$4,058.46	-	-	-
WSS SAGI		1.030	-	-	8,392	8,147	-	\$11,516.67	-	-	-
Totals & Averages	3.0%	1.030	3,526,984	3,424,098	105,172	102,104	3,333,011	\$144,216.87	\$218,794.37	\$8,325,941.73	\$2.3606
Grand Total	2.8%	1.037	6,477,414	6,247,349	181,486	175,128	6,083,237	\$404,981.06	\$367,456.86	\$14,009,070.97	\$2.1628

Philadelphia Gas Works' Base Rate Filing

January 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP	3.8%	1.044	310,000	296,914	11,687	11,194	285,720	\$28,339.74	\$23,613.58	\$626,355.00	\$2.0205
SEQUENT	2.4%	1.044	341,000	326,605	8,339	7,987	318,618	\$24,184.46	\$14,447.32	\$590,782.50	\$1.7325
MACQUARIE	2.5%	1.044	170,500	163,303	4,185	4,008	159,294	\$12,091.10	\$7,260.98	\$295,817.50	\$1.7350
NEXTERA	2.5%	1.044	170,500	163,303	4,185	4,008	159,294	\$12,091.10	\$7,260.98	\$295,817.50	\$1.7350
TWIN EAGLE	2.4%	1.044	155,000	148,457	3,782	3,622	144,835	\$10,993.55	\$6,580.68	\$269,700.00	\$1.7400
MGAG - TD BANK	2.4%	1.044	168,764	161,640	4,123	3,949	157,691	\$11,969.40	\$5,875.28	\$240,488.70	\$1.4250
SEQUENT SW	2.4%	1.044	700,000	670,450	17,136	16,413	654,038	\$49,644.21	\$28,929.24	\$1,181,750.00	\$1.6882
DIRECT ENERGY SW	2.5%	1.044	280,000	268,180	6,860	6,570	261,610	\$19,857.28	\$11,581.15	\$472,700.00	\$1.6882
PEAK	2.4%	1.044	374,666	358,850	9,176	8,789	350,061	\$26,571.13	\$13,213.44	\$539,519.04	\$1.4400
EQU CRAYNE DAY GAS	2.4%	1.044	45,000	43,100	1,098	1,052	42,049	\$3,134.60	\$1,975.79	\$80,975.00	\$1.7994
FIS-7		1.044	-	-	-	-	-	\$8,340.95	-	-	-
FIS-8		1.044	-	-	-	-	-	\$21,557.94	-	-	-
Totals & Averages	2.6%	1.044	2,715,430	2,600,801	70,571	67,592	2,533,209	\$228,775.46	\$120,738.43	\$4,593,905.24	\$1.6918

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.030	310,000	300,911	2,511	2,437	298,473	\$3,920.26	\$5,222.88	\$644,800.00	\$2.0800
MACQUARIE	2.8%	1.030	310,000	300,911	8,773	8,516	292,395	\$12,052.18	\$20,090.17	\$709,900.00	\$2.2900
UET	2.8%	1.030	43,803	42,519	1,240	1,204	41,315	\$1,702.83	\$2,644.30	\$93,409.90	\$2.1325
MGAG - MACQUARIE	2.8%	1.030	108,500	105,319	3,069	2,979	102,340	\$4,218.48	\$5,677.65	\$200,725.00	\$1.8500
MGAG - RBC	2.8%	1.030	248,000	240,729	7,006	6,801	233,928	\$9,642.24	\$12,155.41	\$430,280.00	\$1.7350
SHELL	2.8%	1.030	374,697	363,711	10,602	10,291	353,420	\$14,567.52	\$24,172.56	\$854,309.16	\$2.2800
MGAG	2.8%	1.030	310,000	300,911	8,773	8,516	292,395	\$12,052.18	\$18,335.57	\$647,900.00	\$2.0900
SHELL SW	2.8%	1.030	700,000	679,476	19,796	19,216	660,260	\$25,614.48	\$38,983.98	\$1,378,500.00	\$1.9693
UET SW	2.8%	1.030	560,000	543,581	15,848	15,383	528,197	\$21,771.40	\$31,288.48	\$1,105,600.00	\$1.9743
FREEDOM DAY GAS	2.8%	1.030	30,000	29,120	848	823	28,297	\$1,166.38	\$1,772.32	\$62,700.00	\$2.0900
WSS INV		1.030	-	-	2,703	2,624	-	\$3,711.02	-	-	-
WSS SAG1		1.030	-	-	8,688	8,433	-	\$11,923.25	-	-	-
Totals & Averages	3.0%	1.030	2,995,000	2,907,186	89,857	87,222	2,831,020	\$122,342.22	\$160,343.32	\$6,128,124.06	\$2.0461

Grand Total	2.8%	1.037	5,710,430	5,507,987	160,428	154,814	5,364,230	\$351,117.68	\$281,081.75	\$10,722,029.30	\$1.8776
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Philadelphia Gas Works' Base Rate Filing

February 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP	3.8%	1.045	290,000	277,571	10,933	10,464	267,107	\$23,274.19	\$19,017.95	\$504,455.00	\$1.7395
SEQUENT	2.4%	1.045	319,000	305,328	7,801	7,467	297,862	\$19,698.90	\$11,330.95	\$463,347.50	\$1.4525
MACQUARIE	2.5%	1.045	159,500	152,664	3,915	3,747	148,917	\$9,848.53	\$5,696.33	\$232,072.50	\$1.4550
NEXTERA	2.5%	1.045	159,500	152,664	3,915	3,747	148,917	\$9,848.53	\$5,696.33	\$232,072.50	\$1.4550
TWIN EAGLE	2.4%	1.045	145,000	138,786	3,538	3,386	135,399	\$8,954.54	\$5,165.48	\$211,700.00	\$1.4600
MGAG - TD BANK	2.4%	1.045	157,876	151,110	3,857	3,692	147,418	\$9,749.40	\$4,416.27	\$180,768.02	\$1.1450
SEQUENT SW	2.4%	1.045	377,000	360,842	9,231	8,835	352,007	\$23,279.78	\$14,879.54	\$607,690.00	\$1.6119
DIRECT ENERGY SW	2.4%	1.045	190,000	181,857	4,653	4,454	177,403	\$11,732.46	\$7,492.55	\$305,950.00	\$1.6103
PEAK	2.4%	1.045	350,494	335,472	8,584	8,216	327,256	\$21,642.90	\$9,957.44	\$406,573.04	\$1.1600
FIS-7		1.045	-	-	-	-	-	\$7,242.84	-	-	-
FIS-8		1.045	-	-	-	-	-	\$19,868.67	-	-	-
Totals & Averages	2.6%	1.045	2,148,370	2,056,295	56,427	54,009	2,002,286	\$165,140.74	\$83,652.83	\$3,144,628.56	\$1.4637

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.9%	1.031	290,000	281,415	2,632	2,554	278,861	\$4,045.62	\$4,763.92	\$524,900.00	\$1.8100
MACQUARIE	2.8%	1.031	290,000	281,415	8,207	7,964	273,451	\$11,274.62	\$18,794.03	\$664,100.00	\$2.2900
UET	2.8%	1.031	40,515	39,316	1,147	1,113	38,203	\$1,575.01	\$2,222.89	\$78,518.07	\$1.9380
MGAG - MACQUARIE	2.8%	1.031	101,500	98,495	2,871	2,786	95,709	\$3,946.32	\$4,507.47	\$159,355.00	\$1.5700
MGAG - RBC	2.8%	1.031	232,000	225,132	6,554	6,360	218,772	\$9,020.16	\$9,536.07	\$337,560.00	\$1.4550
SHELL	2.8%	1.031	350,523	340,146	9,918	9,624	330,521	\$13,627.68	\$22,613.04	\$799,192.44	\$2.2800
MGAG - CITIBANK	2.8%	1.031	101,500	98,495	2,871	2,786	95,709	\$3,946.32	\$4,478.76	\$158,340.00	\$1.5600
MGAG	2.8%	1.031	290,000	281,415	8,207	7,964	273,451	\$11,274.62	\$14,854.67	\$524,900.00	\$1.8100
SHELL SW	2.8%	1.031	477,000	462,879	13,494	13,095	449,784	\$17,744.67	\$24,921.32	\$880,945.00	\$1.8468
UET SW	2.8%	1.031	305,460	296,417	8,646	8,390	288,027	\$11,875.53	\$15,848.44	\$559,919.60	\$1.8330
WSS INV		1.031	-	-	1,937	1,880	-	\$2,660.42	-	-	-
WSS SAG1		1.031	-	-	8,110	7,870	-	\$11,129.80	-	-	-
Totals & Averages	3.0%	1.031	2,478,498	2,405,123	74,594	72,386	2,342,486	\$102,120.77	\$122,540.61	\$4,687,730.11	\$1.8914
Grand Total	2.8%	1.037	4,626,868	4,461,417	131,021	126,394	4,344,773	\$267,261.51	\$206,193.45	\$7,832,358.67	\$1.6928

Philadelphia Gas Works' Base Rate Filing

March 2020

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP	3.8%	1.043	310,000	297,267	11,687	11,207	286,060	\$24,879.31	\$19,675.06	\$521,885.00	\$1.6835
SEQUENT	2.4%	1.043	341,000	326,994	8,339	7,996	318,998	\$21,057.44	\$12,029.01	\$491,892.50	\$1.4425
MACQUARIE	2.5%	1.043	170,500	163,497	4,185	4,013	159,484	\$10,527.74	\$6,047.33	\$246,372.50	\$1.4450
NEXTERA	2.5%	1.043	170,500	163,497	4,185	4,013	159,484	\$10,527.74	\$6,047.33	\$246,372.50	\$1.4450
TWIN EAGLE	2.4%	1.043	155,000	148,634	3,782	3,627	145,007	\$9,572.10	\$5,483.90	\$224,750.00	\$1.4500
MGAG - TD BANK	2.4%	1.043	168,764	161,832	4,123	3,954	157,879	\$10,421.78	\$4,679.61	\$191,547.14	\$1.1350
SEQUENT SW	2.4%	1.043	80,000	76,714	1,959	1,879	74,836	\$4,939.99	\$2,765.86	\$112,950.00	\$1.4119
DIRECT ENERGY SW	2.4%	1.043	40,000	38,357	978	938	37,419	\$2,470.09	\$1,407.10	\$57,550.00	\$1.4388
PEAK	2.4%	1.043	374,666	359,277	9,176	8,799	350,478	\$23,135.52	\$10,552.40	\$430,865.90	\$1.1500
FTS-7		1.043	-	-	-	-	-	\$1,189.97	-	-	-
FTS-8		1.043	-	-	-	-	-	\$5,156.89	-	-	-
Totals & Averages	2.7%	1.043	1,810,430	1,736,070	48,414	46,425	1,689,645	\$123,878.57	\$68,687.59	\$2,524,185.54	\$1.3942

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
BP 30	0.8%	1.030	310,000	300,880	2,511	2,437	298,443	\$3,920.26	\$4,444.47	\$548,700.00	\$1.7700
MACQUARIE	2.8%	1.030	310,000	300,880	8,773	8,515	292,365	\$12,052.18	\$20,090.17	\$709,900.00	\$2.2900
UET	2.8%	1.030	43,803	42,514	1,240	1,204	41,311	\$1,702.83	\$2,393.20	\$84,539.79	\$1.9300
MGAG - MACQUARIE	2.8%	1.030	108,500	105,308	3,069	2,979	102,329	\$4,218.48	\$4,634.19	\$163,835.00	\$1.5100
MGAG - RBC	2.8%	1.030	248,000	240,704	7,006	6,800	233,904	\$9,642.24	\$9,773.37	\$345,960.00	\$1.3950
SHELL	2.8%	1.030	374,697	363,673	10,602	10,290	353,383	\$14,567.52	\$24,172.56	\$854,309.16	\$2.2800
MGAG - CITIBANK	2.8%	1.030	108,500	105,308	3,069	2,979	102,329	\$4,218.48	\$4,603.50	\$162,750.00	\$1.5000
MGAG	2.8%	1.030	310,000	300,880	8,773	8,515	292,365	\$12,052.18	\$15,352.75	\$542,500.00	\$1.7500
SHELL SW	2.8%	1.030	195,000	189,263	5,515	5,353	183,910	\$7,581.29	\$9,304.09	\$328,975.00	\$1.6871
UET SW	2.8%	1.030	40,000	38,823	1,132	1,099	37,724	\$1,555.10	\$1,896.10	\$67,000.00	\$1.6750
WSS INV		1.030	-	-	169	164	-	\$232.23	-	-	-
WSS SAG1		1.030	-	-	8,405	8,158	-	\$11,535.45	-	-	-
Totals & Averages	2.9%	1.030	2,048,500	1,988,233	60,264	58,491	1,938,063	\$83,278.24	\$96,664.40	\$3,808,468.95	\$1.8592
Grand Total	2.8%	1.036	3,858,930	3,724,303	108,678	104,917	3,627,708	\$207,156.81	\$165,351.99	\$6,332,654.49	\$1.6410

Philadelphia Gas Works' Base Rate Filing

April 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	1.9%	1.042	150,000	143,965	2,910	2,793	141,172	\$10,752.28	\$3,375.60	\$174,000.00	\$1.1600
SEQUENT	1.9%	1.042	210,000	201,551	4,080	3,916	197,635	\$15,052.75	\$4,732.80	\$243,600.00	\$1.1600
DIRECT ENERGY	2.0%	1.042	300,000	287,930	5,850	5,615	282,315	\$21,502.37	\$6,756.75	\$346,500.00	\$1.1550
NEXTERA	2.0%	1.042	300,000	287,930	5,850	5,615	282,315	\$21,502.37	\$6,756.75	\$346,500.00	\$1.1550
MGAG - TD BANK	1.9%	1.042	90,000	86,379	1,740	1,670	84,709	\$6,451.80	\$1,487.70	\$76,950.00	\$0.8550
SEQUENT SW	1.042	-	-	-	-	-	-	-	-	-	-
DIRECT ENERGY SW	1.042	-	-	-	-	-	-	-	-	-	-
FTS-7	1.042	-	-	-	-	-	-	\$2,165.56	-	-	-
FTS-8	1.042	-	-	-	-	-	-	\$6,414.94	-	-	-
Totals & Averages	1.9%	1.042	1,050,000	1,007,753	20,430	19,608	988,145	\$83,842.07	\$23,109.60	\$1,187,550.00	\$1.1310

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET	1.3%	1.029	300,000	291,528	3,880	3,770	287,758	\$7,423.60	\$6,149.80	\$475,500.00	\$1.5850
BP	0.5%	1.029	150,000	145,764	780	758	145,006	\$1,519.20	\$967.20	\$186,000.00	\$1.2400
COYANOSA	0.5%	1.029	105,000	102,035	570	554	101,481	\$1,063.50	\$715.35	\$131,775.00	\$1.2550
MGAG - MACQUARIE	2.1%	1.029	105,000	102,035	2,250	2,186	99,848	\$4,299.00	\$2,908.13	\$135,712.50	\$1.2925
MGAG - RBC	0.5%	1.029	112,080	108,915	600	583	108,332	\$1,134.60	\$510.00	\$95,268.00	\$0.8500
MGAG - CITIBANK	0.5%	1.029	105,000	102,035	570	554	101,481	\$1,063.50	\$548.63	\$101,062.50	\$0.9625
MGAG	0.5%	1.029	150,000	145,764	780	758	145,006	\$1,519.20	\$943.80	\$181,500.00	\$1.2100
SHELL SW	1.029	-	-	-	-	-	-	-	-	-	-
UET SW	1.029	-	-	-	-	-	-	-	-	-	-
WSS INV	1.029	-	-	-	209	203	-	\$397.70	-	-	-
WSS SAG1	1.029	-	-	-	4,686	4,554	-	\$8,942.34	-	-	-
Totals & Averages	1.4%	1.029	1,027,080	998,076	14,325	13,920	988,913	\$27,362.64	\$12,742.90	\$1,306,818.00	\$1.2724
Grand Total	1.7%	1.036	2,077,080	2,005,830	34,755	33,528	1,977,058	\$111,204.71	\$35,852.50	\$2,494,368.00	\$1.2009

Philadelphia Gas Works' Base Rate Filing

May 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	1.9%	1.042	155,000	148,707	3,007	2,885	145,822	\$11,110.69	\$4,239.87	\$218,550.00	\$1.4100
SEQUENT	1.9%	1.042	217,000	208,190	4,216	4,045	204,145	\$15,554.51	\$5,944.56	\$305,970.00	\$1.4100
DIRECT ENERGY	2.0%	1.042	310,000	297,414	6,045	5,800	291,614	\$22,219.11	\$8,493.23	\$435,550.00	\$1.4050
NEXTERA	2.0%	1.042	310,000	297,414	6,045	5,800	291,614	\$22,219.11	\$8,493.23	\$435,550.00	\$1.4050
MGAG - TD BANK	1.9%	1.042	93,000	89,224	1,798	1,725	87,499	\$6,666.86	\$1,986.79	\$102,765.00	\$1.1050
SEQUENT SW	1.9%	1.042	175,495	168,370	3,420	3,281	165,089	\$12,578.69	\$4,685.47	\$240,431.93	\$1.3700
DIRECT ENERGY SW	2.0%	1.042	100,000	95,940	1,950	1,871	94,069	\$7,167.46	\$2,683.20	\$137,600.00	\$1.3760
FTS-7		1.042	-	-	-	-	-	-	-	-	-
FTS-8		1.042	-	-	-	-	-	-	-	-	-
Totals & Averages	1.9%	1.042	1,360,495	1,305,258	26,481	25,406	1,279,852	\$97,516.43	\$36,526.34	\$1,876,416.93	\$1.3792

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET	0.7%	1.029	310,000	301,356	2,232	2,170	299,187	\$4,367.28	\$3,894.84	\$540,950.00	\$1.7450
BP	0.5%	1.029	155,000	150,678	806	784	149,895	\$1,569.84	\$1,184.82	\$227,850.00	\$1.4700
COYANOSA	0.5%	1.029	108,500	105,475	589	573	104,902	\$1,098.95	\$874.67	\$161,122.50	\$1.4850
MGAG - MACQUARIE	2.1%	1.029	108,500	105,475	2,325	2,260	103,215	\$4,442.30	\$3,377.06	\$157,596.25	\$1.4525
MGAG - RBC	0.5%	1.029	115,816	112,587	620	603	111,984	\$1,172.42	\$669.60	\$125,081.28	\$1.0800
MGAG - CITIBANK	0.5%	1.029	108,500	105,475	589	573	104,902	\$1,098.95	\$702.38	\$129,386.25	\$1.1925
MGAG	0.5%	1.029	155,000	150,678	806	784	149,895	\$1,569.84	\$1,160.64	\$223,200.00	\$1.4400
SHELL SW	2.1%	1.029	200,000	194,423	4,296	4,176	190,247	\$8,188.24	\$7,464.30	\$347,500.00	\$1.7375
UET SW	2.2%	1.029	160,000	155,539	3,440	3,344	152,195	\$6,550.48	\$5,994.20	\$278,800.00	\$1.7425
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAG1		1.029	-	-	5,920	5,755	-	\$11,291.89	-	-	-
Totals & Averages	1.5%	1.029	1,421,316	1,381,686	21,623	21,020	1,366,421	\$41,350.19	\$25,322.51	\$2,191,486.28	\$1.5419
Grand Total	1.7%	1.035	2,781,811	2,686,944	48,104	46,426	2,646,273	\$138,866.62	\$61,848.85	\$4,067,903.21	\$1.4623

Philadelphia Gas Works' Base Rate Filing

June 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	2.0%	1.041	150,000	144,093	3,060	2,940	141,154	\$10,741.31	\$3,763.80	\$184,500.00	\$1.2300
SEQUENT	2.0%	1.041	210,000	201,731	4,290	4,121	197,610	\$15,037.40	\$5,276.70	\$258,300.00	\$1.2300
DIRECT ENERGY	2.0%	1.041	280,000	268,974	5,712	5,487	263,487	\$20,050.44	\$6,997.20	\$343,000.00	\$1.2250
NEXTERA	2.0%	1.041	300,000	288,187	6,120	5,879	282,308	\$21,482.62	\$7,497.00	\$367,500.00	\$1.2250
MGAG - TD BANK	2.0%	1.041	90,000	86,456	1,830	1,758	84,698	\$6,445.23	\$1,692.75	\$83,250.00	\$0.9250
SEQUENT SW	2.0%	1.041	248,000	238,234	5,066	4,867	233,368	\$17,758.47	\$6,687.32	\$327,370.00	\$1.3200
DIRECT ENERGY SW	2.1%	1.041	14,000	13,449	287	276	13,173	\$1,002.42	\$390.53	\$19,050.00	\$1.3607
FTS-7		1.041	-	-	-	-	-	-	-	-	-
FTS-8		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	2.0%	1.041	1,292,000	1,241,123	26,365	25,327	1,215,797	\$92,517.89	\$32,305.30	\$1,582,970.00	\$1.2252

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET	0.7%	1.028	300,000	291,700	2,160	2,100	289,600	\$4,005.90	\$3,618.00	\$502,500.00	\$1.6750
BP	0.5%	1.028	150,000	145,850	780	758	145,092	\$1,480.20	\$982.80	\$189,000.00	\$1.2600
COYANOSA	0.5%	1.028	105,000	102,095	570	554	101,541	\$1,036.20	\$726.75	\$133,875.00	\$1.2750
MGAG - MACQUARIE	0.5%	1.028	105,000	102,095	570	554	101,541	\$1,036.20	\$568.58	\$104,737.50	\$0.9975
MGAG - RBC	0.5%	1.028	112,080	108,979	600	583	108,396	\$1,105.80	\$522.00	\$97,509.60	\$0.8700
MGAG - CITIBANK	0.5%	1.028	105,000	102,095	570	554	101,541	\$1,036.20	\$560.03	\$103,162.50	\$0.9825
MGAG	0.5%	1.028	110,000	106,957	572	556	106,401	\$1,085.48	\$703.56	\$135,300.00	\$1.2300
MGAG	0.0%	1.028	40,000	38,893	-	-	38,893	-	-	\$49,200.00	\$1.2300
SHELL SW	2.1%	1.028	71,000	69,036	1,516	1,474	67,562	\$2,716.19	\$2,311.15	\$108,240.00	\$1.5245
UET SW		1.028	-	-	-	-	-	-	-	-	-
WSS INV		1.028	-	-	-	-	-	-	-	-	-
WSS SAG1		1.028	-	-	5,727	5,569	-	\$10,199.36	-	-	-
Totals & Averages	1.2%	1.028	1,098,080	1,067,701	13,065	12,704	1,060,566	\$23,701.53	\$9,992.86	\$1,423,524.60	\$1.2964
Grand Total	1.6%	1.035	2,390,080	2,308,825	39,430	38,030	2,276,363	\$116,219.42	\$42,298.16	\$3,006,494.60	\$1.2579

Philadelphia Gas Works' Base Rate Filing

July 2020

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	2.0%	1.043	151,076	144,836	3,082	2,955	141,882	\$10,818.36	\$3,421.02	\$167,694.36	\$1.1100
SEQUENT	2.0%	1.043	211,503	202,768	4,319	4,141	198,627	\$15,145.15	\$4,794.09	\$234,768.33	\$1.1100
DIRECT ENERGY	2.0%	1.043	302,148	289,669	6,163	5,908	283,761	\$21,636.50	\$6,810.12	\$333,873.54	\$1.1050
NEXTERA	2.0%	1.043	302,151	289,672	6,163	5,908	283,763	\$21,636.72	\$6,810.12	\$333,876.86	\$1.1050
MGAG - TD BANK	2.0%	1.043	93,000	89,159	1,893	1,815	87,344	\$6,659.92	\$1,523.87	\$74,865.00	\$0.8050
SEQUENT SW		1.043	-	-	-	-	-	-	-	-	-
DIRECT ENERGY SW	2.0%	1.043	88,042	84,406	1,796	1,722	82,684	\$6,304.58	\$2,219.27	\$108,791.17	\$1.2357
FIS-7		1.043	-	-	-	-	-	-	-	-	-
FIS-8		1.043	-	-	-	-	-	\$4,683.11	-	-	-
Totals & Averages	2.0%	1.043	1,147,920	1,100,510	23,416	22,449	1,078,061	\$86,884.34	\$25,578.47	\$1,253,869.26	\$1.0923

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET 30	0.7%	1.029	310,000	301,209	2,232	2,169	299,041	\$4,139.43	\$3,387.06	\$470,425.00	\$1.5175
FREEDOM ENERGY 45	0.5%	1.029	155,000	150,605	744	723	149,882	\$1,525.51	\$1,099.26	\$229,012.50	\$1.4775
BP	0.5%	1.029	153,947	149,582	801	778	148,803	\$1,519.14	\$1,049.31	\$201,670.57	\$1.3100
BP	0.0%	1.029	1,053	1,023	-	-	-	-	-	\$1,379.43	\$1.3100
COYANOSA	0.5%	1.029	108,500	105,423	589	572	104,851	\$1,070.74	\$780.43	\$143,762.50	\$1.3250
MGAG - MACQUARIE	0.5%	1.029	108,500	105,423	589	572	104,851	\$1,070.74	\$616.98	\$113,653.75	\$1.0475
MGAG - RBC	0.5%	1.029	115,816	112,532	620	602	111,929	\$1,142.66	\$570.40	\$106,550.72	\$0.9200
MGAG - CITIBANK	0.5%	1.029	108,500	105,423	589	572	104,851	\$1,070.74	\$608.14	\$112,026.25	\$1.0325
MGAG	0.6%	1.029	1,053	1,023	6	6	1,017	\$10.39	\$7.68	\$1,347.84	\$1.2800
MGAG	0.0%	1.029	153,947	149,582	-	-	-	-	-	\$197,052.16	\$1.2800
SHELL SW		1.029	-	-	-	-	-	-	-	-	-
UET SW		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAGI		1.029	-	-	2,637	2,562	-	\$4,696.02	-	-	-
Totals & Averages	0.7%	1.029	1,216,316	1,181,825	8,807	8,557	1,025,225	\$16,245.37	\$8,119.26	\$1,576,880.72	\$1.2964
Grand Total	1.4%	1.036	2,364,236	2,282,335	32,223	31,006	2,103,286	\$103,129.71	\$33,697.73	\$2,830,749.98	\$1.1973

Philadelphia Gas Works' Base Rate Filing

August 2020

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	2.0%	1.043	151,953	145,619	3,101	2,972	142,647	\$11,640.23	\$3,628.17	\$177,785.01	\$1.1700
SEQUENT	2.0%	1.043	216,046	207,040	4,413	4,229	202,811	\$16,241.91	\$5,163.21	\$252,773.82	\$1.1700
DIRECT ENERGY	2.0%	1.043	302,895	290,269	6,177	5,920	284,350	\$23,203.34	\$7,196.21	\$352,872.68	\$1.1650
NEXTERA	2.0%	1.043	303,907	291,239	6,198	5,940	285,300	\$23,280.84	\$7,220.67	\$354,051.66	\$1.1650
MGAG - TD BANK	2.0%	1.043	93,000	89,123	1,894	1,815	87,308	\$7,124.49	\$1,638.31	\$80,445.00	\$0.8650
SEQUENT SW	2.0%	1.043	125,702	120,462	2,559	2,452	118,010	\$9,937.58	\$2,655.74	\$130,453.83	\$1.0378
DIRECT ENERGY SW	2.0%	1.043	302,893	290,267	6,177	5,920	284,348	\$23,203.19	\$6,902.80	\$338,482.84	\$1.1175
FTS-7		1.043	-	-	-	-	-	-	-	-	-
FTS-8		1.043	-	-	-	-	-	\$2,381.73	-	-	-
Totals & Averages	2.0%	1.043	1,496,396	1,434,021	30,519	29,247	1,404,774	\$117,013.31	\$34,405.10	\$1,686,864.84	\$1.1273

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET 30	0.7%	1.029	310,000	301,257	2,232	2,169	299,088	\$4,139.43	\$3,387.06	\$470,425.00	\$1.5175
FREEDOM ENERGY 45	0.5%	1.029	155,000	150,628	744	723	149,905	\$1,525.51	\$1,381.98	\$287,912.50	\$1.8575
BP	0.5%	1.029	155,000	150,628	806	783	149,845	\$1,529.54	\$1,346.02	\$258,850.00	\$1.6700
COYANOSA	0.5%	1.029	108,500	105,440	589	572	104,868	\$1,070.74	\$992.47	\$182,822.50	\$1.6850
MGAG - MACQUARIE	0.5%	1.029	108,500	105,440	589	572	104,868	\$1,070.74	\$829.02	\$152,713.75	\$1.4075
MGAG - RBC	0.5%	1.029	115,816	112,550	620	603	111,947	\$1,142.66	\$793.60	\$148,244.48	\$1.2800
MGAG - CITIBANK	0.5%	1.029	108,500	105,440	589	572	104,868	\$1,070.74	\$820.18	\$151,086.25	\$1.3925
MGAG	0.0%	1.029	155,000	150,628	-	-	150,628	-	-	\$254,200.00	\$1.6400
SHELL SW		1.029	-	-	-	-	-	-	-	-	-
UET SW		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAG1		1.029	-	-	6,567	6,382	-	\$11,708.56	-	-	-
Totals & Averages	1.0%	1.029	1,216,316	1,182,012	12,736	12,377	1,176,017	\$23,257.92	\$9,550.33	\$1,906,254.48	\$1.5672
Grand Total	1.6%	1.037	2,712,712	2,616,033	43,255	41,624	2,580,791	\$140,271.23	\$43,955.42	\$3,593,119.32	\$1.3245

Philadelphia Gas Works' Base Rate Filing

September 2020

TEXAS EASTERN SPOT PURCHASES

111.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	2.0%	1.047	141,221	134,883	2,883	2,754	132,129	\$10,818.03	\$2,854.17	\$139,808.79	\$0.9900
SEQUENT	2.0%	1.047	210,000	200,575	4,290	4,097	196,478	\$15,144.60	\$4,247.10	\$207,900.00	\$0.9900
DIRECT ENERGY	2.0%	1.047	282,432	269,756	5,761	5,502	264,254	\$21,635.67	\$5,674.59	\$278,195.52	\$0.9850
NEXTERA	2.0%	1.047	282,432	269,756	5,761	5,502	264,254	\$21,635.67	\$5,674.59	\$278,195.52	\$0.9850
MGAG - TD BANK	2.0%	1.047	90,000	85,961	1,832	1,750	84,211	\$6,894.74	\$1,254.92	\$61,650.00	\$0.6850
SEQUENT SW	2.0%	1.047	167,181	159,678	3,404	3,251	156,427	\$13,749.28	\$3,053.06	\$149,945.46	\$0.8969
DIRECT ENERGY SW	2.0%	1.047	282,434	269,758	5,761	5,502	264,256	\$21,635.82	\$5,529.69	\$271,093.75	\$0.9598
FIS-7		1.047	-	-	-	-	-	-	-	-	-
FIS-8		1.047	-	-	-	-	-	\$2,304.90	-	-	-
Totals & Averages	2.0%	1.047	1,455,700	1,390,367	29,692	28,359	1,362,007	\$113,818.71	\$28,288.11	\$1,386,789.04	\$0.9527

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET 30	0.7%	1.029	80,000	77,770	576	560	77,210	\$1,068.24	\$1,454.40	\$202,000.00	\$2.5250
FREEDOM ENERGY 45	0.5%	1.029	40,000	38,885	192	187	38,699	\$393.68	\$489.12	\$101,900.00	\$2.5475
UET 50	0.2%	1.029	144,000	139,987	303	295	139,692	\$653.76	\$765.08	\$363,600.00	\$2.5250
FREEDOM ENERGY 50	0.2%	1.029	13,500	13,124	29	28	13,096	\$61.28	\$73.59	\$34,256.25	\$2.5375
FREEDOM ENERGY PINE PRAIRIE	0.2%	1.029	96,500	93,811	196	191	93,620	\$438.12	\$497.35	\$244,868.75	\$2.5375
UET PINE PRAIRIE	0.2%	1.029	76,000	73,882	159	155	73,727	\$345.04	\$401.48	\$191,900.00	\$2.5250
UET*		1.029	-	-	-	-	-	-	-	\$2,200.00	-
BP	0.5%	1.029	150,000	145,820	780	758	145,061	\$1,480.20	\$936.00	\$180,000.00	\$1.2000
COYANOSA	0.5%	1.029	105,000	102,074	570	554	101,520	\$1,036.20	\$692.55	\$127,575.00	\$1.2150
MGAG - MACQUARIE	0.5%	1.029	105,000	102,074	570	554	101,520	\$1,036.20	\$534.38	\$98,437.50	\$0.9375
MGAG - RBC	0.5%	1.029	112,080	108,956	600	583	108,373	\$1,105.80	\$486.00	\$90,784.80	\$0.8100
MGAG - CITIBANK	0.5%	1.029	105,000	102,074	570	554	101,520	\$1,036.20	\$525.83	\$96,862.50	\$0.9225
MGAG	0.0%	1.029	150,000	145,820	-	-	145,820	-	-	\$175,500.00	\$1.1700
SHELL SW		1.029	-	-	-	-	-	-	-	-	-
UET SW		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAGI		1.029	-	-	6,342	6,165	-	\$11,269.36	-	-	-
Totals & Averages	0.9%	1.029	1,177,080	1,144,275	10,887	10,584	1,139,857	\$19,924.08	\$6,855.76	\$1,909,884.80	\$1.6226
Grand Total	1.5%	1.039	2,632,780	2,534,642	40,579	38,943	2,501,864	\$133,742.79	\$35,143.87	\$3,296,673.84	\$1.2522

* UET sold PGW gas and then purchased the gas back at a discounted price resulting in an expense of \$2,200.

Philadelphia Gas Works' Base Rate Filing

October 2020

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT	2.0%	1.044	141,660	135,739	2,889	2,768	132,971	\$10,824.14	\$1,848.96	\$90,662.40	\$0.6400
SEQUENT	2.0%	1.044	217,000	207,930	4,433	4,248	203,683	\$15,153.06	\$2,837.12	\$138,880.00	\$0.6400
DIRECT ENERGY	2.0%	1.044	283,318	271,476	5,779	5,537	265,939	\$21,648.04	\$3,669.67	\$179,906.93	\$0.6350
NEXTERA	2.0%	1.044	283,318	271,476	5,779	5,537	265,939	\$21,648.04	\$3,669.67	\$179,906.93	\$0.6350
MGAG - TD BANK	2.0%	1.044	91,152	87,342	1,857	1,779	85,563	\$6,965.01	\$622.10	\$30,535.92	\$0.3350
SEQUENT SW	2.0%	1.044	449,319	430,539	9,160	8,777	421,762	\$35,759.57	\$8,663.32	\$424,955.79	\$0.9458
DIRECT ENERGY SW	2.0%	1.044	283,318	271,476	5,779	5,537	265,939	\$21,648.04	\$5,274.82	\$258,600.49	\$0.9128
MGAG*		1.044	-	-	-	-	-	-	-	(\$582.12)	-
FTS-7		1.044	-	-	-	-	-	\$423.00	-	-	-
FTS-8		1.044	-	-	-	-	-	\$1,920.75	-	-	-
Totals & Averages	2.0%	1.044	1,749,085	1,675,980	35,676	34,185	1,641,795	\$135,989.65	\$26,585.65	\$1,302,866.34	\$0.7449

*Adjustment for the \$0.315 discount on the 1,848 dth M2 cuts

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
UET SW	2.2%	1.028	220,000	213,909	4,730	4,599	209,310	\$8,371.99	\$12,798.95	\$595,300.00	\$2.7059
UET PINE PRAIRIE	0.2%	1.028	93,000	90,425	194	189	90,237	\$422.22	\$396.73	\$190,185.00	\$2.0450
UET 50	0.2%	1.028	217,000	210,992	455	442	210,550	\$985.18	\$930.48	\$443,765.00	\$2.0450
FREEDOM ENERGY 45	0.5%	1.028	137,500	133,693	659	641	133,052	\$1,353.26	\$1,362.48	\$284,281.25	\$2.0675
FREEDOM ENERGY 50	0.2%	1.028	10,500	10,209	21	20	10,189	\$47.67	\$43.42	\$21,708.75	\$2.0675
FREEDOM ENERGY PINE PRAIRIE	2.1%	1.028	7,000	6,806	14	14	6,793	\$31.78	\$28.95	\$14,472.50	\$2.0675
SHELL SW	0.5%	1.028	380,000	369,479	8,165	7,939	361,540	\$14,460.77	\$19,231.26	\$895,025.00	\$2.3553
BP	0.5%	1.028	155,000	150,709	806	784	149,925	\$1,498.54	\$878.54	\$168,950.00	\$1.0900
COYANOSA	0.5%	1.028	108,500	105,496	589	573	104,923	\$1,049.04	\$650.85	\$119,892.50	\$1.1050
MGAG - MACQUARIE	0.5%	1.028	108,500	105,496	589	573	104,923	\$1,049.04	\$487.40	\$89,783.75	\$0.8275
MGAG - RBC	0.5%	1.028	115,816	112,609	620	603	112,007	\$1,119.72	\$434.00	\$81,071.20	\$0.7000
MGAG - CITIBANK	0.5%	1.028	108,500	105,496	589	573	104,923	\$1,049.04	\$478.56	\$88,156.25	\$0.8125
MGAG	0.0%	1.028	155,000	150,709	-	-	150,709	-	-	\$164,300.00	\$1.0600
WSS INV		1.028	-	-	-	-	-	-	-	-	-
WSS SAGI		1.028	-	-	2,526	2,456	-	\$4,467.86	-	-	-
Totals & Averages	1.1%	1.028	1,816,316	1,766,029	19,957	19,404	1,749,081	\$35,906.11	\$37,721.61	\$3,156,891.20	\$1.7381
Grand Total	1.6%	1.036	3,565,401	3,442,009	55,633	53,589	3,390,876	\$171,895.76	\$64,307.26	\$4,459,757.54	\$1.2508

Philadelphia Gas Works' Base Rate Filing

III.E.36.

TEXAS EASTERN SPOT PURCHASES

November 2020

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
NEXTERA	2.0%	1.041	149,632	143,682	3,052	2,931	140,751	\$11,433.24	\$4,791.64	\$234,922.24	\$1.5700
MGAG - TD BANK	2.0%	1.041	90,000	86,421	1,830	1,757	84,664	\$6,877.26	\$2,314.95	\$113,850.00	\$1.2650
EQT	2.0%	1.041	448,900	431,049	9,158	8,794	422,255	\$34,299.88	\$14,286.48	\$700,284.00	\$1.5600
PEAK - BP	2.0%	1.041	149,634	143,684	3,053	2,932	140,752	\$11,433.32	\$3,510.95	\$172,079.10	\$1.1500
PEAK - BP*		1.041	-	-	-	-	-	-	-	\$420.90	-
PEAK - MSBB	2.0%	1.041	362,580	348,162	7,381	7,087	341,074	\$27,705.52	\$9,373.87	\$460,476.60	\$1.2700
EQT	0.0%	1.041	150,000	144,035	-	-	144,035	\$1,410.00	-	\$240,000.00	\$1.6000
BP	2.0%	1.041	312,552	300,123	6,374	6,121	294,003	\$23,881.89	\$9,991.25	\$489,925.26	\$1.5675
SEQUENT SW	2.0%	1.041	483,165	463,951	9,857	9,465	454,486	\$36,918.03	\$11,690.04	\$573,015.75	\$1.1860
EQT SW	2.0%	1.041	219,266	210,547	4,473	4,295	206,252	\$16,753.85	\$5,558.82	\$272,492.63	\$1.2427
FIS-7		1.041	-	-	-	-	-	\$902.40	-	-	-
FIS-8		1.041	-	-	-	-	-	\$1,388.53	-	-	-
Totals & Averages	1.9%	1.041	2,365,729	2,271,653	45,178	43,381	2,228,272	\$173,003.92	\$61,517.99	\$3,257,466.48	\$1.3769

*Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 366 dth M2 cuts in November and will make up the gas in December.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	1.2%	1.029	135,000	131,254	1,614	1,569	129,685	\$3,683.31	\$4,741.13	\$396,562.50	\$2.9375
FREEDOM ENERGY 45	1.0%	1.029	150,000	145,838	1,476	1,435	144,403	\$3,634.98	\$4,376.34	\$444,750.00	\$2.9650
FREEDOM ENERGY 50	0.9%	1.029	15,000	14,584	138	134	14,450	\$340.93	\$405.38	\$44,062.50	\$2.9375
UET	2.1%	1.029	405,000	393,762	8,700	8,459	385,303	\$1,769.88	\$25,512.75	\$1,187,662.50	\$2.9325
SHELL	2.2%	1.029	300,000	291,675	6,450	6,271	285,404	\$1,311.00	\$18,930.75	\$880,500.00	\$2.9350
UET SW	2.2%	1.029	160,000	155,560	3,440	3,345	152,216	\$1,210.23	\$9,444.95	\$439,300.00	\$2.7456
MGAG - MACQUARIE	2.1%	1.029	105,000	102,086	2,250	2,188	99,899	\$458.88	\$5,951.25	\$277,725.00	\$2.6450
MGAG - RBC	2.2%	1.029	240,000	233,340	5,160	5,017	228,323	\$1,048.80	\$13,067.70	\$607,800.00	\$2.5325
MGAG	2.2%	1.029	300,000	291,675	6,450	6,271	285,404	\$1,311.00	\$18,640.50	\$867,000.00	\$2.8900
PEAK	2.1%	1.029	235,050	228,528	5,040	4,900	223,627	\$1,027.23	\$13,305.60	\$620,532.00	\$2.6400
MGAG - CITIBANK	2.1%	1.029	105,000	102,086	2,250	2,188	99,899	\$458.88	\$5,940.00	\$277,200.00	\$2.6400
NEXTERA SW	2.1%	1.029	155,000	150,699	3,329	3,237	147,462	-	\$9,265.36	\$431,400.00	\$2.7832
PGW GATE		1.029	-	-	-	-	-	\$15,160.10	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	54	53	-	-	-	-	-
WSS INV		1.029	-	-	176	171	-	\$357.28	-	-	-
WSS SAGI		1.029	-	-	2,646	2,573	-	\$5,372.71	-	-	-
Totals & Averages	2.1%	1.029	2,305,050	2,241,087	49,173	47,808	2,196,075	\$37,145.21	\$129,581.70	\$6,474,494.50	\$2.8088
Grand Total	2.0%	1.035	4,670,779	4,512,740	94,351	91,190	4,424,347	\$210,149.13	\$191,099.69	\$9,731,960.98	\$2.0836

Philadelphia Gas Works' Base Rate Filing

December 2020

TEXAS EASTERN SPOT PURCHASES

III.E.36

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
NEXTERA	2.0%	1.045	155,000	148,318	3,162	3,026	145,292	\$14,333.50	\$5,059.20	\$248,000.00	\$1.6000
MGAG - TD BANK	2.0%	1.045	93,000	88,991	1,891	1,809	87,181	\$8,600.69	\$2,448.85	\$120,435.00	\$1.2950
EQT	2.0%	1.045	465,000	444,954	9,486	9,077	435,877	\$43,000.53	\$15,082.74	\$739,350.00	\$1.5900
PEAK - BP	2.0%	1.045	155,000	148,318	3,162	3,026	145,292	\$14,333.51	\$3,731.16	\$182,900.00	\$1.1800
PEAK - BP*	2.2%	1.045	366	350	8	8	343	\$33.79	\$9.20	-	\$1.1500
PEAK - MSBB	2.0%	1.045	374,666	358,514	7,626	7,297	351,217	\$34,648.57	\$9,913.80	\$487,065.80	\$1.3000
EQT	0.0%	1.045	155,000	148,318	-	-	148,318	-	-	\$252,650.00	\$1.6300
BP	2.0%	1.045	323,764	309,807	6,603	6,318	303,488	\$29,940.00	\$10,548.29	\$517,212.99	\$1.5975
SEQUENT SW	2.0%	1.045	739,424	707,548	15,084	14,434	693,114	\$68,377.69	\$31,461.42	\$1,542,252.16	\$2.0857
EQT SW	2.0%	1.045	300,000	287,067	6,120	5,856	281,211	\$27,742.27	\$12,817.32	\$628,300.00	\$2.0943
TWIN EAGLE DAY GAS M2 30	2.0%	1.045	49,000	46,888	1,000	957	45,931	\$4,531.20	\$2,301.84	\$112,790.00	\$2.3018
TWIN EAGLE DAY GAS M2 24	2.1%	1.045	40,000	38,276	820	785	37,491	\$3,698.59	\$2,176.28	\$106,160.00	\$2.6540
FIS-7		1.045	-	-	-	-	-	-	-	-	-
FIS-8		1.045	-	-	-	-	-	-	-	-	-
Totals & Averages	1.9%	1.045	2,850,220	2,727,348	54,962	52,593	2,674,756	\$249,240.34	\$95,550.10	\$4,937,115.95	\$1.7322

*Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 366 dth M2 cuts in November and made up the gas in December.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	0.7%	1.030	100,000	97,081	720	699	96,382	\$1,908.20	\$2,057.40	\$285,750.00	\$2.8575
FREEDOM ENERGY 45	0.5%	1.030	120,000	116,497	576	559	115,938	\$1,870.08	\$1,661.76	\$346,200.00	\$2.8850
FREEDOM ENERGY 50	0.2%	1.030	90,000	87,373	187	182	87,191	\$926.82	\$536.35	\$258,137.50	\$2.8682
UET	2.1%	1.030	418,500	406,283	8,990	8,728	397,555	-	\$25,554.08	\$1,189,586.25	\$2.8425
UET*		1.030	-	-	-	-	-	-	-	\$300.00	-
SHELL	2.2%	1.030	310,000	300,950	6,665	6,470	294,480	-	\$18,961.93	\$881,950.00	\$2.8450
UET SW	2.1%	1.030	543,000	527,148	11,673	11,332	515,816	-	\$29,874.17	\$1,389,675.00	\$2.5593
MGAG - MACQUARIE	2.1%	1.030	108,500	105,333	2,325	2,257	103,075	-	\$5,940.38	\$277,217.50	\$2.5550
MGAG - RBC	2.2%	1.030	248,000	240,760	5,332	5,176	235,584	-	\$13,023.41	\$605,740.00	\$2.4425
MGAG	2.2%	1.030	310,000	300,950	6,665	6,470	294,480	-	\$18,662.00	\$868,000.00	\$2.8000
PEAK	2.1%	1.030	242,885	235,794	5,208	5,056	230,739	-	\$13,280.40	\$619,356.75	\$2.5500
MGAG - CITIBANK	2.1%	1.030	108,500	105,333	2,325	2,257	103,075	-	\$5,928.75	\$276,675.00	\$2.5500
NEXTERA SW	2.1%	1.030	555,000	538,798	11,921	11,573	527,225	-	\$30,731.48	\$1,430,750.00	\$2.5779
PGW GATE		1.030	-	-	-	-	-	\$72,368.33	-	-	-
SMP DEALS ADJUSTMENT		1.030	-	-	52	50	-	-	-	-	-
WSS INV		1.030	-	-	1,625	1,578	-	\$3,299.07	-	-	-
WSS SAG1		1.030	-	-	5,390	5,233	-	\$10,938.37	-	-	-
Totals & Averages	2.2%	1.030	3,154,385	3,062,299	69,654	67,621	3,001,539	\$91,310.87	\$166,212.10	\$8,429,338.00	\$2.6723
Grand Total	2.1%	1.037	6,004,605	5,789,648	124,616	120,213	5,676,295	\$340,551.21	\$261,762.20	\$13,366,453.95	\$2.2260

*UET sold PGW gas and then purchased the gas back at a discounted price resulting in an expense of \$300.

Philadelphia Gas Works' Base Rate Filing

January 2021

III.E.36

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
NEXTERA	2.4%	1.046	155,000	148,232	3,751	3,587	144,645	\$14,277.91	\$7,239.43	\$299,150.00	\$1.9300
MGAG - TD BANK	2.4%	1.046	93,000	88,939	2,263	2,164	86,775	\$8,565.59	\$3,677.38	\$151,125.00	\$1.6250
EQT	2.4%	1.046	465,000	444,697	11,284	10,791	433,906	\$42,830.79	\$21,665.28	\$892,800.00	\$1.9200
PEAK - BP	2.4%	1.046	155,000	148,232	3,751	3,587	144,645	\$14,277.90	\$5,664.01	\$234,050.00	\$1.5100
PEAK - MSBB	2.4%	1.046	374,666	358,307	9,114	8,716	349,591	\$34,508.11	\$14,855.82	\$610,705.58	\$1.6300
EQT	0.0%	1.046	155,000	148,232	-	-	148,232	-	-	\$303,800.00	\$1.9600
BP	2.4%	1.046	323,764	309,628	7,874	7,530	302,097	\$29,820.02	\$15,177.14	\$624,055.11	\$1.9275
SEQUENT SW	2.4%	1.046	695,000	664,654	16,875	16,138	648,516	\$64,015.00	\$39,608.90	\$1,631,300.00	\$2.3472
EQT SW	2.4%	1.046	290,000	277,338	7,047	6,739	270,599	\$26,710.76	\$16,537.37	\$680,550.00	\$2.3467
TWIN EAGLE DAY GAS M2 30	2.4%	1.046	35,000	33,472	847	810	32,662	\$3,224.04	\$2,113.87	\$87,350.00	\$2.4957
FIS-7		1.046	-	-	-	-	-	-	-	-	-
FIS-8		1.046	-	-	-	-	-	-	-	-	-
Totals & Averages	2.3%	1.046	2,741,430	2,621,732	62,806	60,064	2,561,668	\$238,230.12	\$126,539.19	\$5,514,885.69	\$2.0117

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
FREEDOM ENERGY 30	0.7%	1.030	155,000	150,457	1,116	1,083	149,373	\$2,957.71	\$2,856.96	\$396,800.00	\$2.5600
FREEDOM ENERGY 45	0.5%	1.030	155,000	150,457	744	722	149,734	\$2,415.52	\$1,904.64	\$396,800.00	\$2.5600
UET	2.1%	1.030	418,500	406,233	8,990	8,726	397,506	-	\$21,958.08	\$1,022,186.25	\$2.4425
SHELL	2.2%	1.030	310,000	300,913	6,665	6,470	294,444	-	\$16,295.93	\$757,950.00	\$2.4450
UET SW	2.1%	1.030	337,000	327,122	7,242	7,030	320,092	-	\$18,701.98	\$870,280.00	\$2.5824
MGAG - MACQUARIE	2.1%	1.030	108,500	105,320	2,325	2,257	103,063	-	\$5,010.38	\$233,817.50	\$2.1550
MGAG - RBC	2.2%	1.030	248,000	240,731	5,332	5,176	235,555	-	\$10,890.61	\$506,540.00	\$2.0425
MGAG	2.2%	1.030	310,000	300,913	6,665	6,470	294,444	-	\$15,996.00	\$744,000.00	\$2.4000
PEAK	2.1%	1.030	242,885	235,766	5,208	5,055	230,710	-	\$11,197.20	\$522,202.75	\$2.1500
MGAG - CITIBANK	2.1%	1.030	108,500	105,320	2,325	2,257	103,063	-	\$4,998.75	\$233,275.00	\$2.1500
NEXTERA SW	2.1%	1.030	220,000	213,551	4,726	4,587	208,964	-	\$11,927.78	\$555,250.00	\$2.5239
PGW GATE		1.030	-	-	-	-	-	\$79,372.65	-	-	-
SMP DEALS ADJUSTMENT		1.030	-	-	43	42	-	-	-	-	-
WSS INV		1.030	-	-	3,143	3,051	-	\$6,381.97	-	-	-
WSS SAGI		1.030	-	-	6,634	6,440	-	\$13,465.16	-	-	-
Totals & Averages	2.3%	1.030	2,613,385	2,536,781	61,158	59,365	2,486,948	\$104,593.01	\$121,738.30	\$6,239,101.50	\$2.3874
Grand Total	2.3%	1.038	5,354,815	5,158,513	123,964	119,429	5,048,616	\$342,823.13	\$248,277.48	\$11,753,987.19	\$2.1950

Philadelphia Gas Works' Base Rate Filing

III.E.36

TEXAS EASTERN SPOT PURCHASES

February 2021

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
NEXTERA	2.4%	1.045	138,637	132,621	3,355	3,209	129,412	\$11,458.39	\$8,018.45	\$331,342.43	\$2.3900
MGAG - TD BANK	2.4%	1.045	84,000	80,355	2,044	1,955	78,400	\$6,941.67	\$4,261.74	\$175,140.00	\$2.0850
EQT	2.4%	1.045	420,000	401,776	10,192	9,750	392,026	\$34,710.74	\$24,256.96	\$999,600.00	\$2.3800
PEAK - BP	2.4%	1.045	140,000	133,925	3,388	3,241	130,684	\$11,571.03	\$6,674.36	\$275,800.00	\$1.9700
PEAK - MSBB	2.4%	1.045	338,408	323,724	8,232	7,875	315,849	\$27,965.90	\$17,204.88	\$707,272.72	\$2.0900
EQT	0.0%	1.045	140,000	133,925	-	-	133,925	-	-	\$338,800.00	\$2.4200
BP	2.4%	1.045	292,432	279,743	7,112	6,803	272,940	\$24,166.60	\$16,979.90	\$698,181.40	\$2.3875
SEQUENT SW	2.4%	1.045	671,000	641,885	16,292	15,585	626,299	\$55,453.77	\$62,093.40	\$2,557,370.00	\$3.8113
EQT SW	2.4%	1.045	240,000	229,586	5,832	5,579	224,007	\$19,834.02	\$23,459.22	\$965,400.00	\$4.0225
FIS-7		1.045	-	-	-	-	-	-	-	-	-
FIS-8		1.045	-	-	-	-	-	-	-	-	-
Totals & Averages	2.3%	1.045	2,464,477	2,357,541	56,447	53,998	2,303,543	\$192,102.12	\$162,948.91	\$7,048,906.55	\$2.8602

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
FREEDOM ENERGY 30	0.7%	1.029	85,000	82,588	612	595	81,994	\$1,621.97	\$1,566.72	\$217,600.00	\$2.5600
FREEDOM ENERGY 45	0.5%	1.029	85,000	82,588	408	396	82,192	\$1,324.64	\$1,044.48	\$217,600.00	\$2.5600
FREEDOM ENERGY PINE PRAIRIE	2.3%	1.029	52,996	51,492	1,240	1,205	50,287	\$545.75	\$3,174.40	\$135,669.76	\$2.5600
FREEDOM ENERGY PINE PRAIRIE	2.3%	1.029	52,996	51,492	1,240	1,205	50,287	\$545.75	\$3,174.40	\$135,669.76	\$2.5600
UET	2.1%	1.029	378,000	367,275	8,120	7,890	359,385	-	\$22,269.10	\$1,036,665.00	\$2.7425
SHELL	2.2%	1.029	280,000	272,055	6,020	5,849	266,206	-	\$16,524.90	\$768,600.00	\$2.7450
UET SW	2.2%	1.029	402,000	390,594	8,643	8,398	382,196	-	\$49,380.66	\$2,296,775.00	\$5.7134
MGAG - MACQUARIE	2.1%	1.029	98,000	95,219	2,100	2,040	93,179	-	\$5,155.50	\$240,590.00	\$2.4550
MGAG - RBC	2.2%	1.029	224,000	217,644	4,816	4,679	212,965	-	\$11,281.48	\$524,720.00	\$2.3425
MGAG	2.2%	1.029	280,000	272,055	6,020	5,849	266,206	-	\$16,254.00	\$756,000.00	\$2.7000
PEAK	2.1%	1.029	219,380	213,155	4,704	4,571	208,585	-	\$11,524.80	\$537,481.00	\$2.4500
MGAG - CITIBANK	2.1%	1.029	98,000	95,219	2,100	2,040	93,179	-	\$5,145.00	\$240,100.00	\$2.4500
NEXTERA SW	2.1%	1.029	389,000	377,962	8,355	8,118	369,845	-	\$48,923.79	\$2,277,840.00	\$5.8556
PGW GATE		1.029	-	-	-	-	-	\$58,680.07	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	47	46	-	-	-	-	-
WSS INV		1.029	-	-	4,167	4,049	-	\$8,421.33	-	-	-
WSS SAG1		1.029	-	-	3,638	3,535	-	\$7,384.12	-	-	-
Totals & Averages	2.4%	1.029	2,644,372	2,569,340	62,230	60,464	2,516,505	\$78,523.63	\$195,419.23	\$9,385,310.52	\$3.5492
Grand Total	2.3%	1.037	5,108,849	4,926,881	118,677	114,462	4,820,048	\$270,625.75	\$358,368.14	\$16,434,217.07	\$3.2168

Philadelphia Gas Works' Base Rate Filing

March 2021

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
NEXTERA	2.5%	1.044	155,000	148,493	3,821	3,661	144,832	\$12,804.86	\$8,788.30	\$356,500.00	\$2.3000
MGAG - TD BANK	2.9%	1.044	93,000	89,096	2,728	2,613	86,482	\$7,646.04	\$5,442.36	\$185,535.00	\$1.9950
EQT	2.9%	1.044	465,000	445,478	13,611	13,040	432,439	\$38,232.65	\$31,169.19	\$1,064,850.00	\$2.2900
PEAK - BP	2.4%	1.044	155,000	148,493	3,751	3,594	144,899	\$12,810.79	\$7,051.88	\$291,400.00	\$1.8800
PEAK - MSBB	2.6%	1.044	374,666	358,937	9,592	9,189	349,747	\$30,921.77	\$19,184.00	\$749,332.00	\$2.0000
EQT	0.0%	1.044	155,000	148,493	-	-	148,493	-	-	\$361,150.00	\$2.3300
BP	2.4%	1.044	323,764	310,172	7,874	7,543	302,628	\$26,755.89	\$18,090.52	\$743,847.79	\$2.2975
SEQUENT SW	2.4%	1.044	385,000	368,837	9,348	8,956	359,881	\$31,817.73	\$21,328.01	\$878,400.00	\$2.2816
EQT SW	2.4%	1.044	150,000	143,703	3,645	3,492	140,211	\$12,396.27	\$8,413.88	\$346,250.00	\$2.3083
FIS-7		1.044	-	-	-	-	-	-	-	-	-
FIS-8		1.044	-	-	-	-	-	-	-	-	-
Totals & Averages	2.4%	1.044	2,256,430	2,161,700	54,370	52,087	2,109,612	\$173,386.00	\$119,468.13	\$4,977,264.79	\$2.2058

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
FREEDOM ENERGY 30	0.7%	1.029	155,000	150,641	1,116	1,085	149,556	\$2,957.71	\$2,856.96	\$396,800.00	\$2.5600
FREEDOM ENERGY 45	0.5%	1.029	155,000	150,641	744	723	149,918	\$2,415.52	\$1,904.64	\$396,800.00	\$2.5600
UET	2.1%	1.029	418,500	406,731	8,990	8,737	397,993	-	\$25,823.78	\$1,202,141.25	\$2.8725
SHELL	2.2%	1.029	310,000	301,282	6,665	6,478	294,804	-	\$19,161.88	\$891,250.00	\$2.8750
UET SW	2.2%	1.029	20,000	19,438	430	418	19,020	-	\$1,139.50	\$53,000.00	\$2.6500
MGAG - MACQUARIE	2.1%	1.029	108,500	105,449	2,325	2,260	103,189	-	\$6,010.13	\$280,472.50	\$2.5850
MGAG - RBC	2.2%	1.029	248,000	241,026	5,332	5,182	235,844	-	\$13,183.37	\$613,180.00	\$2.4725
MGAG	2.2%	1.029	310,000	301,282	6,665	6,478	294,804	-	\$18,861.95	\$877,300.00	\$2.8300
PEAK	2.1%	1.029	242,885	236,054	5,208	5,062	230,993	-	\$13,436.64	\$626,643.30	\$2.5800
MGAG - CITIBANK	2.1%	1.029	108,500	105,449	2,325	2,260	103,189	-	\$5,998.50	\$279,930.00	\$2.5800
NEXTERA SW	2.1%	1.029	200,000	194,375	4,297	4,176	190,199	-	\$11,562.69	\$538,175.00	\$2.6909
PGW GATE		1.029	-	-	-	-	-	\$26,524.16	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	56	54	-	-	-	-	-
WSS INV		1.029	-	-	2,301	2,236	-	\$4,672.83	-	-	-
WSS SAGI		1.029	-	-	6,504	6,321	-	\$13,204.90	-	-	-
Totals & Averages	2.3%	1.029	2,276,385	2,212,367	52,958	51,469	2,169,510	\$49,775.12	\$119,940.02	\$6,155,692.05	\$2.7042
Grand Total	2.4%	1.036	4,532,815	4,374,067	107,328	103,556	4,279,122	\$223,161.12	\$239,408.15	\$11,132,956.84	\$2.4561

Philadelphia Gas Works' Base Rate Filing

April 2021

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.039	117,155	112,773	2,254	2,170	110,603	\$9,732.13	\$4,220.62	\$219,372.74	\$1.8725
MEMS*		1.039	-	-	-	-	-	-	-	(\$459.47)	-
MGAG - TD BANK	1.9%	1.039	88,651	85,335	1,710	1,646	83,689	\$7,363.89	\$2,688.98	\$139,403.70	\$1.5725
MGAG - TD BANK**		1.039	-	-	-	-	-	-	-	(\$414.82)	-
EQT	1.9%	1.039	117,155	112,773	2,254	2,170	110,603	\$9,732.12	\$4,220.62	\$219,372.74	\$1.8725
PEAK - BP	1.9%	1.039	146,445	140,967	2,812	2,707	138,260	\$12,165.71	\$4,105.52	\$213,809.70	\$1.4600
PEAK - BP***		1.039	-	-	-	-	-	-	-	\$5,190.30	-
PEAK - MSBB****		1.039	-	-	-	-	-	-	-	(\$36,741.44)	-
UET	1.9%	1.039	117,155	112,773	2,254	2,170	110,603	\$9,732.11	\$4,220.62	\$219,372.74	\$1.8725
EQT	0.0%	1.039	146,444	140,966	-	-	140,966	-	-	\$279,708.04	\$1.9100
HARTREE	1.9%	1.039	291,916	280,997	5,605	5,395	275,601	\$24,250.54	\$10,481.35	\$545,882.92	\$1.8700
SEQUENT SW	1.9%	1.039	150,000	144,389	2,880	2,772	141,617	\$12,461.06	\$6,048.00	\$315,000.00	\$2.1000
EQT SW	1.9%	1.039	15,000	14,439	290	279	14,160	\$1,245.94	\$595.66	\$30,810.00	\$2.0540
FTS-7		1.039	-	-	-	-	-	-	-	-	-
FTS-8		1.039	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.039	1,189,921	1,145,411	20,059	19,309	1,126,102	\$86,683.50	\$36,581.35	\$2,150,307.15	\$1.8071

* MEMS sold PGW 2,845 dth & then purchased the gas back @ \$2.0340, resulting in a credit of \$459.47.

** MGAG - TD BANK included the \$0.3075 discount on the 1,349 dth M2 cuts.

*** Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 3,555 dth M2 cuts in April and will make up the gas in May/June.

**** PEAK - MSBB (BBE 2019A) Annual Return of \$36,741.44.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	1.3%	1.029	150,000	145,795	1,947	1,892	143,903	\$5,139.07	\$4,997.95	\$385,050.00	\$2.5670
BP	0.5%	1.029	150,000	145,795	750	729	145,066	\$2,486.70	\$1,453.13	\$290,625.00	\$1.9375
UET SW	2.0%	1.029	100,000	97,197	1,980	1,924	95,272	\$4,764.75	\$4,906.44	\$247,800.00	\$2.4780
MGAG - MACQUARIE	0.5%	1.029	105,000	102,056	540	525	101,532	\$1,740.30	\$893.70	\$173,775.00	\$1.6550
MGAG - RBC	0.5%	1.029	112,080	108,938	570	554	108,384	\$1,857.90	\$877.80	\$172,603.20	\$1.5400
PEAK - MS	0.5%	1.029	90,000	87,477	450	437	87,040	\$1,491.90	\$742.50	\$148,500.00	\$1.6500
MGAG - CITIBANK	0.5%	1.029	105,000	102,056	540	525	101,532	\$1,740.30	\$892.35	\$173,512.50	\$1.6525
NEXTERA SW	2.0%	1.029	50,000	48,598	990	962	47,636	\$2,382.38	\$2,492.33	\$125,875.00	\$2.5175
PACIFIC SUMMIT	0.5%	1.029	315,000	306,169	1,620	1,575	304,595	\$5,220.90	\$3,110.40	\$604,800.00	\$1.9200
PGW GATE		1.029	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	364	354	-	\$874.98	-	-	-
WSS SAG1		1.029	-	-	1,683	1,636	-	\$4,031.89	-	-	-
Totals & Averages	1.0%	1.029	1,177,080	1,144,082	11,434	11,113	1,134,958	\$31,731.07	\$20,366.59	\$2,322,540.70	\$1.9731
Grand Total	1.3%	1.034	2,367,001	2,289,493	31,493	30,422	2,261,060	\$118,414.57	\$56,947.94	\$4,472,847.85	\$1.8897

Philadelphia Gas Works' Base Rate Filing

May 2021

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.040	124,000	119,271	2,387	2,296	116,975	\$10,300.53	\$4,947.06	\$256,990.00	\$2.0725
MGAG - TD BANK	1.9%	1.040	93,000	89,454	1,798	1,729	87,724	\$7,724.82	\$3,186.96	\$164,842.50	\$1.7725
EQT	1.9%	1.040	124,000	119,271	2,387	2,296	116,975	\$10,300.63	\$4,947.06	\$256,990.00	\$2.0725
PEAK - BP	1.9%	1.040	155,000	149,089	2,976	2,863	146,227	\$12,876.44	\$4,940.16	\$257,300.00	\$1.6600
PEAK - BP*	1.9%	1.040	3,555	3,419	68	65	3,354	\$295.35	\$99.28	-	\$1.4600
UET	1.9%	1.040	124,000	119,271	2,387	2,296	116,975	\$10,300.62	\$4,947.06	\$256,990.00	\$2.0725
EQT	0.0%	1.040	150,870	145,117	-	-	145,117	-	-	\$318,335.70	\$2.1100
HARTREE	1.9%	1.040	310,000	298,178	5,952	5,725	292,453	\$25,752.86	\$12,320.64	\$641,700.00	\$2.0700
SEQUENT SW	1.9%	1.040	365,000	351,081	7,008	6,741	344,340	\$30,321.92	\$15,758.40	\$820,750.00	\$2.2486
EQT SW	1.9%	1.040	30,810	29,635	590	568	29,068	\$2,559.63	\$1,346.97	\$70,339.23	\$2.2830
FTS-7	1.040	-	-	-	-	-	-	-	-	-	-
FTS-8	1.040	-	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.040	1,480,235	1,423,788	25,553	24,579	1,399,209	\$110,432.80	\$52,493.58	\$3,044,237.43	\$2.0566

* Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 3,555 dth M2 cuts in April and made up the gas in May.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.8%	1.029	155,000	150,614	1,276	1,240	149,374	\$3,785.87	\$3,773.13	\$458,335.00	\$2.9570
BP	0.5%	1.029	155,000	150,614	775	753	149,861	\$2,569.59	\$1,579.06	\$315,812.50	\$2.0375
UET SW	2.0%	1.029	115,000	111,746	2,277	2,213	109,534	\$5,479.45	\$6,482.03	\$327,375.00	\$2.8467
MGAG - MACQUARIE	0.5%	1.029	108,500	105,430	558	542	104,888	\$1,798.31	\$979.29	\$190,417.50	\$1.7550
MGAG - MACQUARIE**	1.029	-	-	-	-	-	-	-	-	(\$8,156.00)	-
MGAG - RBC	0.5%	1.029	115,816	112,539	589	572	111,967	\$1,919.83	\$965.96	\$189,938.24	\$1.6400
PEAK - MS	0.5%	1.029	93,000	90,369	465	452	89,917	\$1,541.63	\$813.75	\$162,750.00	\$1.7500
MGAG - CITIBANK	0.5%	1.029	108,500	105,430	558	542	104,888	\$1,798.31	\$977.90	\$190,146.25	\$1.7525
MGAG - CITIBANK***	1.029	-	-	-	-	-	-	-	-	(\$1,862.00)	-
NEXTERA SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.5%	1.029	325,500	316,290	1,674	1,627	314,663	\$5,394.93	\$5,381.48	\$657,510.00	\$2.0200
PGW GATE	1.029	-	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT	1.029	-	-	-	-	-	-	-	-	-	-
WSS INV	1.029	-	-	-	667	648	-	\$1,604.18	-	-	-
WSS SAGI	1.029	-	-	-	2,407	2,339	-	\$5,776.18	-	-	-
Totals & Averages	1.0%	1.029	1,176,316	1,143,033	11,246	10,928	1,135,092	\$31,668.28	\$18,952.59	\$2,482,266.49	\$2.1102

**MGAG Annual Return credit: 2019A MQ prepay

***MGAG Annual Return credit: 2019C Citi prepay

Grand Total 1.4% 1.035 2,656,551 2,566,820 36,799 35,506 2,534,301 \$142,101.08 \$71,446.17 \$5,526,503.92 \$2.0803

Philadelphia Gas Works' Base Rate Filing

June 2021

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.041	101,800	97,807	1,960	1,883	95,924	\$8,456.45	\$4,434.50	\$230,322.50	\$2,2625
MEMS*		1.041	-	-	-	-	-	-	-	(\$136.50)	-
MGAG - TD BANK	1.9%	1.041	89,032	85,540	1,719	1,652	83,888	\$7,395.41	\$3,373.54	\$174,725.30	\$1,9625
MGAG - TD BANK**		1.041	-	-	-	-	-	-	-	(\$297.66)	-
EQT	1.9%	1.041	100,174	96,245	1,928	1,852	94,392	\$8,321.44	\$4,362.10	\$226,643.68	\$2,2625
PEAK - BP	1.9%	1.041	147,510	141,724	2,832	2,721	139,003	\$12,254.22	\$5,239.20	\$272,893.50	\$1,8500
PEAK - BP***		1.041	-	-	-	-	-	-	-	\$4,606.50	\$1,4600
UET	1.9%	1.041	116,357	111,793	2,240	2,152	109,641	\$9,665.71	\$5,068.00	\$263,257.71	\$2,2625
EQT	0.0%	1.041	150,000	144,116	-	-	144,116	-	-	\$345,000.00	\$2,3000
HARTREE	1.9%	1.041	260,923	250,688	5,009	4,813	245,876	\$21,675.92	\$11,320.34	\$589,685.98	\$2,2600
SEQUENT SW	1.9%	1.041	506,050	486,200	9,716	9,335	476,866	\$42,039.49	\$20,826.75	\$1,084,744.29	\$2,1436
EQT SW	0.0%	1.041	-	-	-	-	-	-	-	-	-
FTS-7		1.041	-	-	-	-	-	-	-	-	-
FTS-8		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.041	1,471,846	1,414,114	25,404	24,408	1,389,706	\$109,808.64	\$54,624.42	\$3,191,445.30	\$2,1683

* MEMS sold PGW 18,200 dth & then purchased the gas back @ \$2,2700, resulting in a credit of \$136.50.

** MGAG - TD BANK included the \$0.3075 discount on the 968 dth M2 cuts.

*** Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 2,490 dth M2 cuts in June and made up the gas in July.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.4%	1.029	150,000	145,782	660	641	145,141	\$2,472.90	\$1,984.62	\$451,050.00	\$3,0070
BP	0.5%	1.029	150,000	145,782	750	729	145,053	\$2,486.70	\$1,768.13	\$353,625.00	\$2,3575
UET SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
MGAG - MACQUARIE	0.5%	1.029	105,000	102,048	540	525	101,523	\$1,740.30	\$1,120.50	\$217,875.00	\$2,0750
MGAG - RBC	0.5%	1.029	112,080	108,929	570	554	108,375	\$1,857.90	\$1,117.20	\$219,676.80	\$1,9600
PEAK - MS	0.5%	1.029	90,000	87,469	450	437	87,032	\$1,491.90	\$931.50	\$186,300.00	\$2,0700
MGAG - CITIBANK	0.5%	1.029	105,000	102,048	540	525	101,523	\$1,740.30	\$1,119.15	\$217,612.50	\$2,0725
NEXTERA SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.5%	1.029	300,329	291,884	1,543	1,500	290,385	\$4,977.76	\$3,610.62	\$702,769.86	\$2,3400
PACIFIC SUMMIT****	0.0%	1.029	7,500	7,289	-	-	7,289	-	-	\$17,550.00	\$2,3400
PGW GATE		1.029	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	-	-	-	-	-	-	-
WSS SAG1		1.029	-	-	-	-	-	-	-	-	-
Totals & Averages	0.5%	1.029	1,019,909	991,231	5,152	5,007	986,320	\$17,004.93	\$11,651.72	\$2,366,459.16	\$2,3203

****Volumes were sourced from station 210 instead of station 195 in error resulting in \$0 transportation costs.

Grand Total	1.2%	1.036	2,491,755	2,405,345	30,556	29,415	2,376,026	\$126,813.57	\$66,276.14	\$5,557,904.46	\$2,2305
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Philadelphia Gas Works' Base Rate Filing

July 2021

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.041	124,000	119,109	2,387	2,293	116,816	\$10,300.62	\$6,164.43	\$320,230.00	\$2.5825
MGAG - TD BANK	1.9%	1.041	93,000	89,332	1,798	1,727	87,604	\$7,724.81	\$4,103.94	\$212,272.50	\$2.2825
EQT	1.9%	1.041	124,000	119,109	2,387	2,293	116,816	\$10,300.62	\$6,164.43	\$320,230.00	\$2.5825
PEAK - BP	1.9%	1.041	155,000	148,886	2,976	2,859	146,027	\$12,876.44	\$6,457.92	\$336,350.00	\$2.1700
PEAK - BP*	1.9%	1.041	2,490	2,392	47	45	2,347	\$206.92	\$86.95	-	\$1.8500
UET	1.9%	1.041	124,000	119,109	2,387	2,293	116,816	\$10,300.62	\$6,164.43	\$320,230.00	\$2.5825
EQT	0.0%	1.041	155,000	148,886	-	-	148,886	-	-	\$406,100.00	\$2.6200
HARTREE	1.9%	1.041	300,337	288,490	5,766	5,539	282,951	\$24,950.17	\$14,876.28	\$774,869.46	\$2.5800
SEQUENT SW	1.9%	1.041	337,631	324,313	6,483	6,227	318,086	\$28,048.23	\$18,269.38	\$951,459.15	\$2.8180
SEQUENT SW**	1.9%	1.041	-	-	-	-	-	-	-	\$603.55	-
EQT SW	0.0%	1.041	26,724	25,670	513	493	25,177	\$2,220.07	-	\$82,111.64	\$3.0726
FIS-7	1.041	1.041	-	-	-	-	-	-	-	-	-
FIS-8	1.041	1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.041	1,442,182	1,385,294	24,744	23,768	1,361,526	\$106,928.50	\$62,287.75	\$3,724,456.30	\$2.5825

* Due to the terms of the prepaid deal, PEAK - BP billed PGW for the 2,490 dth M2 cuts in June and made up the gas in July.

**Sequent sold PGW 226,897 dth & then purchased the gas back at agreed upon rates, resulting in an additional charge of \$603.55.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.4%	1.029	155,000	150,643	682	663	149,980	\$2,555.33	\$2,487.25	\$565,285.00	\$3.6470
BP	0.5%	1.029	155,000	150,643	775	753	149,890	\$2,569.59	\$2,392.81	\$478,562.50	\$3.0875
UET SW	0.0%	1.029	59,000	57,342	1,167	1,134	56,207	\$2,811.26	\$4,732.88	\$239,280.00	\$4.0556
MGAG - MACQUARIE	0.5%	1.029	108,500	105,450	558	542	104,908	\$1,798.31	\$1,565.19	\$304,342.50	\$2.8050
MGAG - RBC	0.5%	1.029	115,816	112,560	589	572	111,988	\$1,919.83	\$1,584.41	\$311,545.04	\$2.6900
PEAK - MS	0.5%	1.029	93,000	90,386	465	452	89,934	\$1,541.63	\$1,302.00	\$260,400.00	\$2.8000
MGAG - CITIBANK	0.5%	1.029	108,500	105,450	558	542	104,908	\$1,798.31	\$1,563.80	\$304,071.25	\$2.8025
NEXTERA SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.5%	1.029	325,500	316,350	1,674	1,627	314,723	\$5,394.93	\$5,139.18	\$999,285.00	\$3.0700
PGW GATE	1.029	1.029	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT	1.029	1.029	-	-	-	-	-	-	-	-	-
WSS INV	1.029	1.029	-	-	-	-	-	-	-	-	-
WSS SAGI	1.029	1.029	-	-	1,092	1,061	-	\$2,614.90	-	-	-
Totals & Averages	0.7%	1.029	1,120,316	1,088,824	7,560	7,347	1,082,538	\$23,004.09	\$20,767.52	\$3,462,771.29	\$3.0909
Grand Total	1.3%	1.036	2,562,498	2,474,119	32,304	31,115	2,444,064	\$129,932.59	\$83,055.27	\$7,187,227.59	\$2.8048

Philadelphia Gas Works' Base Rate Filing

August 2021

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	2.0%	1.040	123,928	119,106	2,450	2,355	116,752	\$10,556.44	\$6,817.13	\$344,829.66	\$2,7825
MGAG - TD BANK	1.9%	1.040	93,000	89,382	1,798	1,728	87,654	\$7,925.45	\$4,463.54	\$230,872.50	\$2,4825
EQT	1.9%	1.040	124,000	119,175	2,387	2,294	116,881	\$10,568.17	\$6,641.83	\$345,030.00	\$2,7825
PEAK - BP	1.9%	1.040	155,000	148,969	2,976	2,860	146,109	\$13,210.87	\$7,053.12	\$367,350.00	\$2,3700
UET	1.9%	1.040	124,000	119,175	2,387	2,294	116,881	\$10,568.17	\$6,641.83	\$345,030.00	\$2,7825
EQT	0.0%	1.040	155,000	148,969	-	-	148,969	-	-	\$437,100.00	\$2,8200
HARTREE	1.9%	1.040	310,000	297,939	5,952	5,720	292,218	\$26,421.77	\$16,546.56	\$861,800.00	\$2,7800
SEQUENT SW	1.9%	1.040	636,389	611,629	12,218	11,743	599,886	\$54,240.46	\$43,712.17	\$2,276,800.31	\$3,5777
SEQUENT SW*		1.040	-	-	-	-	-	-	-	(\$63.06)	-
EQT SW	0.0%	1.040	-	-	-	-	-	-	-	-	-
FIS-7	1.040	1.040	-	-	-	-	-	-	-	-	-
FIS-8	1.040	1.040	-	-	-	-	-	-	-	-	-
Totals & Averages	1.8%	1.040	1,721,317	1,654,345	30,168	28,994	1,625,350	\$133,491.33	\$91,876.17	\$5,208,749.41	\$3,0260

*Sequent sold PGW 649,000 dth & then purchased 12,611 dth back at agreed upon rates, resulting in a credit to PGW of \$63.06.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.4%	1.029	155,000	150,679	682	663	150,016	\$2,555.33	\$2,773.69	\$630,385.00	\$4,0670
BP	0.5%	1.029	155,000	150,679	775	753	149,925	\$2,569.59	\$2,501.31	\$500,262.50	\$3,2275
UET SW	0.0%	1.029	30,000	29,164	592	575	28,588	\$1,429.52	\$2,341.56	\$118,660.00	\$3,9553
MGAG - MACQUARIE	0.5%	1.029	108,500	105,475	558	542	104,933	\$1,798.31	\$1,643.31	\$319,532.50	\$2,9450
MGAG - RBC	0.5%	1.029	115,816	112,587	589	573	112,014	\$1,919.83	\$1,666.87	\$327,759.28	\$2,8300
PEAK - MS	0.5%	1.029	93,000	90,407	465	452	89,955	\$1,541.63	\$1,367.10	\$273,420.00	\$2,9400
MGAG - CITIBANK	0.5%	1.029	108,500	105,475	558	542	104,933	\$1,798.31	\$1,641.92	\$319,261.25	\$2,9425
NEXTERA SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.5%	1.029	325,500	316,425	1,674	1,627	314,798	\$5,394.93	\$5,373.54	\$1,044,855.00	\$3,2100
PGW GATE	1.029	1.029	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT	1.029	1.029	-	-	-	-	-	-	-	-	-
WSS INV	1.029	1.029	-	-	-	-	-	-	-	-	-
WSS SAGI	1.029	1.029	-	-	2,039	1,982	-	\$4,892.29	-	-	-
Totals & Averages	0.7%	1.029	1,091,316	1,060,890	7,932	7,711	1,055,162	\$23,899.74	\$19,309.30	\$3,534,135.53	\$3,2384
Grand Total	1.4%	1.036	2,812,633	2,715,235	38,100	36,705	2,680,512	\$157,391.07	\$111,185.47	\$8,742,884.94	\$3,1084

Philadelphia Gas Works' Base Rate Filing

III.E.36.

TEXAS EASTERN SPOT PURCHASES

September 2021

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.041	119,985	115,261	2,310	2,219	113,042	\$10,225.96	\$7,836.67	\$407,049.11	\$3.3925
MGAG - TD BANK	1.9%	1.041	90,000	86,456	1,740	1,671	84,785	\$7,669.80	\$5,380.95	\$278,325.00	\$3.0925
EQT	1.9%	1.041	120,000	115,275	2,310	2,219	113,056	\$10,227.26	\$7,836.68	\$407,100.00	\$3.3925
PEAK - BP	1.9%	1.041	150,000	144,094	2,880	2,767	141,327	\$12,784.73	\$8,582.40	\$447,000.00	\$2.9800
UET	1.9%	1.041	120,000	115,275	2,310	2,219	113,056	\$10,227.26	\$7,836.68	\$407,100.00	\$3.3925
EQT	0.0%	1.041	150,000	144,094	-	-	144,094	-	-	\$514,500.00	\$3.4300
HARTREE	1.9%	1.041	300,000	288,188	5,760	5,533	282,655	\$25,569.45	\$19,526.40	\$1,017,000.00	\$3.3900
SEQUENT SW	1.9%	1.041	750,000	720,470	14,400	13,833	706,637	\$63,923.64	\$59,870.40	\$3,118,250.00	\$4.1577
EQT SW	1.9%	1.041	54,000	51,874	1,033	992	50,882	\$4,602.83	\$4,495.85	\$235,020.00	\$4.3522
FIS-7		1.041	-	-	-	-	-	-	-	-	-
FIS-8		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	1.8%	1.041	1,853,985	1,780,987	32,743	31,454	1,749,534	\$145,230.93	\$121,366.02	\$6,831,344.11	\$3.6847

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.4%	1.028	150,000	145,881	661	643	145,238	\$2,472.90	\$2,906.42	\$659,550.00	\$4.3970
BP	0.5%	1.028	150,000	145,881	750	729	145,151	\$2,486.70	\$2,630.63	\$526,125.00	\$3.5075
UET SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
MGAG - MACQUARIE	0.5%	1.028	105,000	102,117	540	525	101,591	\$1,740.30	\$1,741.50	\$338,625.00	\$3.2250
MGAG - RBC	0.5%	1.028	112,080	109,002	570	554	108,448	\$1,857.90	\$1,772.70	\$348,568.80	\$3.1100
PEAK - MS	0.5%	1.028	90,000	87,528	450	438	87,091	\$1,491.90	\$1,449.00	\$289,800.00	\$3.2200
MGAG - CITIBANK	0.5%	1.028	105,000	102,117	540	525	101,591	\$1,740.30	\$1,740.15	\$338,362.50	\$3.2225
NEXTERA SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.5%	1.028	315,000	306,350	1,620	1,576	304,774	\$5,220.90	\$5,653.80	\$1,099,350.00	\$3.4900
PGW GATE		1.028	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.028	-	-	-	-	-	-	-	-	-
WSS INV		1.028	-	-	-	-	-	-	-	-	-
WSS SAGI		1.028	-	-	2,190	2,130	-	\$5,262.04	-	-	-
Totals & Averages	0.7%	1.028	1,027,080	998,875	7,321	7,120	993,885	\$22,272.94	\$17,894.19	\$3,600,381.30	\$3.5055
Grand Total	1.4%	1.036	2,881,065	2,779,862	40,064	38,574	2,743,418	\$167,503.87	\$139,260.21	\$10,431,725.41	\$3.6208

October 2021

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MEMS	1.9%	1.038	124,000	119,509	2,387	2,301	117,208	\$10,580.34	\$10,675.86	\$554,590.00	\$4.4725
MGAG - TD BANK	1.9%	1.038	93,000	89,632	1,786	1,721	87,910	\$7,935.62	\$7,452.09	\$388,042.50	\$4.1725
EQT	1.9%	1.038	124,000	119,509	2,387	2,301	117,208	\$10,580.34	\$10,675.86	\$554,590.00	\$4.4725
PEAK - BP	1.9%	1.038	155,000	149,386	2,976	2,868	146,518	\$13,226.09	\$12,082.56	\$629,300.00	\$4.0600
UET	1.9%	1.038	124,000	119,509	2,387	2,301	117,208	\$10,580.34	\$10,675.86	\$554,590.00	\$4.4725
EQT	0.0%	1.038	155,000	149,386	-	-	149,386	-	-	\$699,050.00	\$4.5100
HARTREE	1.9%	1.038	310,000	298,772	5,952	5,736	293,035	\$26,452.18	\$26,605.44	\$1,385,700.00	\$4.4700
SEQUENT SW	1.9%	1.038	386,000	372,019	7,414	7,145	364,874	\$32,936.98	\$32,050.28	\$1,668,655.00	\$4.3229
EQT SW	1.9%	1.038	30,162	29,070	577	556	28,513	\$2,573.89	\$2,477.41	\$129,503.58	\$4.2936
FTS-7		1.038	-	-	-	-	-	-	-	-	-
FTS-8		1.038	-	-	-	-	-	-	-	-	-
Totals & Averages	1.7%	1.038	1,501,162	1,446,790	25,866	24,929	1,421,861	\$114,865.78	\$112,695.35	\$6,564,021.08	\$4.3726

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY	0.4%	1.028	155,000	150,725	682	663	150,061	\$1,770.10	\$4,001.29	\$909,385.00	\$5.8670
BP	0.5%	1.028	155,000	150,725	775	754	149,971	\$1,799.86	\$3,547.56	\$709,512.50	\$4.5775
UET SW	2.0%	1.028	336,000	326,732	6,653	6,469	320,263	\$14,257.48	\$35,375.74	\$1,786,600.00	\$5.3173
MGAG - MACQUARIE	0.5%	1.028	108,500	105,507	558	543	104,965	\$1,259.84	\$2,396.61	\$466,007.50	\$4.2950
MGAG - RBC	0.5%	1.028	115,816	112,621	589	573	112,049	\$1,345.09	\$2,462.02	\$484,110.88	\$4.1800
PEAK - MS	0.5%	1.028	93,000	90,435	465	452	89,983	\$1,080.04	\$1,994.85	\$398,970.00	\$4.2900
MGAG - CITIBANK	0.5%	1.028	108,500	105,507	558	543	104,965	\$1,259.84	\$2,395.22	\$465,736.25	\$4.2925
NEXTERA SW	2.0%	1.028	232,000	225,601	4,594	4,467	221,134	\$9,919.44	\$25,091.95	\$1,267,160.00	\$5.4619
PACIFIC SUMMIT	0.5%	1.028	325,500	316,522	1,674	1,628	314,894	\$3,779.21	\$7,633.44	\$1,484,280.00	\$4.5600
PGW GATE		1.028	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.028	-	-	-	-	-	-	-	-	-
WSS INV		1.028	-	-	-	-	-	-	-	-	-
WSS SAG1		1.028	-	-	2,766	2,690	-	\$5,950.11	-	-	-
Totals & Averages	1.2%	1.028	1,629,316	1,584,375	19,314	18,781	1,568,283	\$42,421.01	\$84,898.69	\$7,971,762.13	\$4.8927
Grand Total	1.4%	1.033	3,130,478	3,031,165	45,180	43,710	2,990,144	\$157,286.79	\$197,594.03	\$14,535,783.21	\$4.6433

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	1.9%	1.042	375,000	359,925	7,200	6,911	353,015	\$31,998.60	\$38,844.00	\$2,023,125.00	\$5.3950
PEAK - BP	1.9%	1.042	150,000	143,970	2,880	2,764	141,206	\$12,799.44	\$14,342.40	\$747,000.00	\$4.9800
HARTREE	1.9%	1.042	375,000	359,925	7,200	6,911	353,015	\$31,998.60	\$38,844.00	\$2,023,125.00	\$5.3950
TWIN EAGLE	1.9%	1.042	163,320	156,755	3,150	3,023	153,731	\$13,934.79	\$17,010.00	\$881,928.00	\$5.4000
TWIN EAGLE SW	1.9%	1.042	70,000	67,186	1,344	1,290	65,896	\$5,973.07	\$6,190.08	\$322,400.00	\$4.6057
TWIN EAGLE DAY GAS	1.9%	1.042	10,000	9,598	192	184	9,414	\$853.30	\$864.00	\$45,000.00	\$4.5000
MGAG - TD BANK	1.9%	1.042	90,000	86,382	1,710	1,641	84,741	\$7,681.23	\$8,708.18	\$458,325.00	\$5.0925
EQT	0.0%	1.042	150,000	143,970	-	-	143,970	-	-	\$817,500.00	\$5.4500
SEQUENT SW	1.9%	1.042	175,000	167,965	3,360	3,225	164,740	\$14,932.68	\$15,492.00	\$806,875.00	\$4.6107
PEAK - MSBB	1.9%	1.042	362,580	348,005	6,960	6,680	341,325	\$30,938.95	\$35,496.00	\$1,849,158.00	\$5.1000
FTS-7		1.042	-	-	-	-	-	-	-	-	-
FTS-8		1.042	-	-	-	-	-	-	-	-	-
Totals & Averages	1.8%	1.042	1,920,900	1,843,682	33,996	32,629	1,811,053	\$151,110.66	\$175,790.66	\$9,974,436.00	\$5.1926

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	1.7%	1.030	150,000	145,672	2,498	2,426	143,246	\$3,981.80	\$15,380.19	\$923,550.00	\$6.1570
FREEDOM ENERGY 45	1.4%	1.030	150,000	145,672	2,145	2,083	143,589	\$3,364.34	\$13,394.45	\$936,675.00	\$6.2445
UET SW	2.0%	1.030	265,000	257,354	5,247	5,096	252,258	-	\$27,038.39	\$1,365,575.00	\$5.1531
MGAG - MACQUARIE	2.0%	1.030	105,000	101,970	2,070	2,010	99,960	-	\$12,368.25	\$627,375.00	\$5.9750
MGAG - RBC	2.0%	1.030	240,000	233,075	4,740	4,603	228,472	-	\$27,800.10	\$1,407,600.00	\$5.8650
MGAG	2.0%	1.030	300,000	291,344	5,940	5,769	285,575	-	\$36,768.60	\$1,857,000.00	\$6.1900
PEAK - MS	2.0%	1.030	235,050	228,268	4,650	4,516	223,752	-	\$27,621.00	\$1,396,197.00	\$5.9400
MGAG - CITIBANK	2.0%	1.030	105,000	101,970	2,070	2,010	99,960	-	\$12,295.80	\$623,700.00	\$5.9400
MACQUARIE	2.0%	1.030	435,000	422,449	8,610	8,362	414,087	-	\$53,640.30	\$2,710,050.00	\$6.2300
PACIFIC SUMMIT SW	2.0%	1.030	595,000	577,832	11,781	11,441	566,391	-	\$60,011.82	\$3,030,900.25	\$5.0940
PEAK - SEA	2.0%	1.030	277,560	269,551	5,490	5,332	264,220	-	\$32,500.80	\$1,643,155.20	\$5.9200
PGW GATE		1.030	-	-	-	-	-	\$8,792.88	-	-	-
SMP DEALS ADJUSTMENT		1.030	-	-	35	34	-	-	-	-	-
WSS INV		1.030	-	-	357	347	-	\$756.69	-	-	-
WSS SAG1		1.030	-	-	5,029	4,884	-	\$10,852.39	-	-	-
Totals & Averages	2.1%	1.030	2,857,610	2,775,157	60,662	58,912	2,721,510	\$27,748.10	\$318,819.70	\$16,521,777.45	\$5.7817
Grand Total	2.0%	1.035	4,778,510	4,618,839	94,658	91,541	4,532,563	\$178,858.76	\$494,610.35	\$26,496,213.45	\$5.5449

Philadelphia Gas Works' Base Rate Filing

December 2021

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	2.0%	1.045	387,500	370,899	7,626	7,299	363,600	\$29,972.06	\$36,795.45	\$1,869,687.50	\$4.8250
PEAK - BP	2.0%	1.045	155,000	148,360	3,038	2,908	145,452	\$11,989.80	\$13,397.58	\$683,550.00	\$4.4100
HARTREE	2.0%	1.045	387,500	370,899	7,626	7,299	363,600	\$29,972.06	\$36,795.45	\$1,869,687.50	\$4.8250
TWIN EAGLE	2.0%	1.045	168,764	161,534	3,317	3,175	158,359	\$13,053.76	\$16,021.11	\$815,130.12	\$4.8300
TWIN EAGLE SW	2.0%	1.045	200,000	191,432	3,940	3,771	187,661	\$15,469.13	\$12,532.16	\$636,150.00	\$3.1808
TWIN EAGLE M2 24	2.0%	1.045	155,000	148,360	3,038	2,908	145,452	\$11,989.80	\$15,979.88	\$815,300.00	\$5.2600
MACQUARIE	2.0%	1.045	155,000	148,360	3,038	2,908	145,452	\$11,989.80	\$12,759.60	\$651,000.00	\$4.2000
MGAG - TD BANK	2.0%	1.045	93,000	89,016	1,829	1,751	87,265	\$7,193.39	\$8,271.65	\$420,592.50	\$4.5225
EQT	0.0%	1.045	155,000	148,360	-	-	148,360	-	-	\$756,400.00	\$4.8800
SEQUENT SW	2.0%	1.045	490,008	469,008	9,642	9,229	459,779	\$37,900.25	\$30,833.74	\$1,566,950.00	\$3.1979
PEAK - MSBB	2.0%	1.045	374,666	358,615	7,378	7,062	351,553	\$28,979.03	\$33,422.34	\$1,697,236.98	\$4.5300
FIS-7		1.045	-	-	-	-	-	-	-	-	-
FIS-8		1.045	-	-	-	-	-	-	-	-	-
Totals & Averages	1.9%	1.045	2,721,430	2,604,842	50,472	48,310	2,556,532	\$198,509.08	\$216,808.96	\$11,781,684.60	\$4.3292

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	0.7%	1.030	155,000	150,505	1,054	1,023	149,481	\$2,418.62	\$5,709.52	\$839,635.00	\$5.4170
FREEDOM ENERGY 45	0.4%	1.030	155,000	150,505	682	662	149,842	\$1,772.89	\$3,747.25	\$851,647.50	\$5.4945
UET SW	2.0%	1.030	375,000	364,124	7,425	7,210	356,915	-	\$28,148.67	\$1,421,650.00	\$3.7911
MGAG - MACQUARIE	2.0%	1.030	108,500	105,353	2,139	2,077	103,276	-	\$11,197.67	\$567,997.50	\$5.2350
MGAG - RBC	2.0%	1.030	248,000	240,807	4,898	4,756	236,052	-	\$25,102.25	\$1,271,000.00	\$5.1250
MGAG	2.0%	1.030	310,000	301,009	6,138	5,960	295,049	-	\$33,452.10	\$1,689,500.00	\$5.4500
PEAK - MS	2.0%	1.030	242,885	235,841	4,805	4,666	231,175	-	\$24,986.00	\$1,263,002.00	\$5.2000
MGAG - CITIBANK	2.0%	1.030	108,500	105,353	2,139	2,077	103,276	-	\$11,122.80	\$564,200.00	\$5.2000
MACQUARIE	2.0%	1.030	449,500	436,464	8,897	8,639	427,825	-	\$48,844.53	\$2,467,755.00	\$5.4900
PACIFIC SUMMIT SW	2.0%	1.030	675,000	655,424	13,365	12,977	642,446	-	\$49,871.24	\$2,518,749.67	\$3.7315
PEAK - SEA	2.0%	1.030	286,812	278,494	5,673	5,508	272,985	-	\$29,386.14	\$1,485,686.16	\$5.1800
PGW GATE		1.030	-	-	-	-	-	\$6,967.57	-	-	-
SMP DEALS ADJUSTMENT		1.030	-	-	57	55	-	-	-	-	-
WSS INV		1.030	-	-	911	885	-	\$1,968.27	-	-	-
WSS SAG1		1.030	-	-	4,412	4,284	-	\$9,529.63	-	-	-
Totals & Averages	2.0%	1.030	3,114,197	3,023,879	62,595	60,780	2,968,323	\$22,656.98	\$271,568.17	\$14,940,822.83	\$4.7976
Grand Total	1.9%	1.037	5,835,627	5,628,721	113,067	109,089	5,524,855	\$221,166.06	\$488,377.12	\$26,722,507.43	\$4.5792

Philadelphia Gas Works' Base Rate Filing

January 2022

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
MACQUARIE	2.0%	1.046	387,500	370,621	7,626	7,294	363,328	\$29,972.06	\$24,136.29	\$1,226,437.50	\$3,1650
PEAK - BP	2.0%	1.046	155,000	148,249	3,038	2,906	145,343	\$11,989.80	\$8,354.50	\$426,250.00	\$2,7500
HARTREE	2.0%	1.046	387,500	370,621	7,626	7,294	363,328	\$29,972.06	\$24,136.29	\$1,226,437.50	\$3,1650
TWIN EAGLE	2.0%	1.046	168,764	161,413	3,317	3,173	158,241	\$13,053.76	\$10,514.89	\$534,981.88	\$3,1700
TWIN EAGLE SW	2.0%	1.046	310,000	296,497	6,107	5,841	290,656	\$23,977.16	\$23,590.75	\$1,197,500.00	\$3,8629
MGAG - TD BANK	2.0%	1.046	93,000	88,949	1,829	1,749	87,200	\$7,193.39	\$5,235.51	\$266,212.50	\$2,8625
EQT	0.0%	1.046	155,000	148,249	-	-	148,249	-	-	\$499,100.00	\$3,2200
SEQUENT SW	2.0%	1.046	759,680	726,590	14,957	14,306	712,285	\$48,896.15	\$57,934.54	\$2,942,549.60	\$3,8734
PEAK - MSBB	2.0%	1.046	374,666	358,346	7,378	7,057	351,290	\$28,979.03	\$21,174.86	\$1,075,291.42	\$2,8700
FIS-7		1.046	-	-	-	-	-	-	-	-	-
FIS-8		1.046	-	-	-	-	-	-	-	-	-
Totals & Averages	1.9%	1.046	2,791,110	2,669,536	51,878	49,618	2,619,917	\$194,033.41	\$175,077.64	\$9,394,760.40	\$3,3660

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
FREEDOM ENERGY 30	2.3%	1.029	155,000	150,578	3,602	3,499	147,079	\$2,418.62	\$14,541.27	\$625,735.00	\$4,0370
FREEDOM ENERGY 45	2.1%	1.029	155,000	150,578	3,256	3,163	147,415	\$1,772.89	\$13,266.57	\$631,547.50	\$4,0745
UET SW	2.0%	1.029	620,000	602,313	12,276	11,926	590,387	-	\$52,961.04	\$2,674,800.00	\$4,3142
MGAG - MACQUARIE	2.0%	1.029	108,500	105,405	2,139	2,078	103,327	-	\$8,203.07	\$416,097.50	\$3,8350
MGAG - RBC	2.0%	1.029	248,000	240,925	4,898	4,758	236,167	-	\$18,245.05	\$923,800.00	\$3,7250
MGAG	2.0%	1.029	310,000	301,157	6,097	5,923	295,234	-	\$24,692.85	\$1,255,500.00	\$4,0500
PEAK - MS	2.0%	1.029	242,885	235,956	4,805	4,668	231,288	-	\$18,259.00	\$922,963.00	\$3,8000
MGAG - CITIBANK	2.0%	1.029	108,500	105,405	2,139	2,078	103,327	-	\$8,128.20	\$412,300.00	\$3,8000
MACQUARIE	2.0%	1.029	449,500	436,677	8,897	8,643	428,034	-	\$36,388.73	\$1,838,455.00	\$4,0900
PACIFIC SUMMIT SW	2.0%	1.029	775,000	752,892	15,345	14,907	737,984	-	\$66,201.31	\$3,343,500.35	\$4,3142
PEAK - SEA	2.0%	1.029	286,812	278,630	5,673	5,511	273,119	-	\$21,443.94	\$1,084,149.36	\$3,7800
PGW GATE		1.029	-	-	-	-	-	\$13,803.52	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	49	48	-	-	-	-	-
WSS INV		1.029	-	-	6,240	6,062	-	\$13,467.79	-	-	-
WSS SAGI		1.029	-	-	5,524	5,366	-	\$11,935.75	-	-	-
SMP SALE		1.029	-	-	-	-	-	\$274.56	-	-	-
Totals & Averages	2.3%	1.029	3,459,197	3,360,516	80,940	78,631	3,293,361	\$43,673.13	\$282,331.03	\$14,128,847.71	\$4,0844
Grand Total	2.1%	1.037	6,250,307	6,030,052	132,818	128,249	5,913,279	\$237,706.54	\$457,408.66	\$23,523,608.11	\$3,7636

Philadelphia Gas Works' Base Rate Filing

February 2022

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	2.0%	1.045	350,000	334,839	6,888	6,590	328,249	\$42,374.33	\$39,433.80	\$2,003,750.00	\$5.7250
PEAK - BP	2.0%	1.045	140,000	133,935	2,744	2,625	131,310	\$16,951.12	\$14,570.64	\$743,400.00	\$5.3100
HARTREE	2.0%	1.045	350,000	334,839	6,888	6,590	328,249	\$42,374.33	\$39,433.80	\$2,003,750.00	\$5.7250
TWIN EAGLE	2.0%	1.045	149,352	142,882	2,936	2,809	140,074	\$18,082.37	\$16,823.28	\$855,786.96	\$5.7300
TWIN EAGLE*	2.0%	1.045	-	-	-	-	-	-	-	\$3,018.40	-
TWIN EAGLE SW	2.0%	1.045	220,000	210,470	4,334	4,146	206,324	\$26,634.75	\$18,473.68	\$937,750.00	\$4.2625
MGAG - TD BANK	2.0%	1.045	84,000	80,361	1,652	1,580	78,781	\$10,169.98	\$8,957.97	\$455,490.00	\$5.4225
EQT	0.0%	1.045	140,000	133,935	-	-	133,935	-	-	\$809,200.00	\$5.7800
SEQUENT SW	2.0%	1.045	600,000	574,009	11,810	11,298	562,711	\$67,701.47	\$51,176.67	\$2,600,000.00	\$4.3333
PEAK - MSBB	2.0%	1.045	338,408	323,749	6,664	6,375	317,374	\$40,970.39	\$36,185.52	\$1,837,555.44	\$5.4300
FIS-7	1.045	-	-	-	-	-	-	-	-	-	-
FIS-8	1.045	-	-	-	-	-	-	-	-	-	-
Totals & Averages	1.9%	1.045	2,371,760	2,269,020	43,916	42,014	2,227,007	\$265,258.74	\$225,055.35	\$12,249,700.80	\$5.1648

*Twin Eagle sold PGW 3,080 dth and then purchased the gas back at \$4.75 resulting in an additional charge of \$3,018.40.

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	1.2%	1.029	140,000	135,994	1,736	1,686	134,308	\$2,187.35	\$10,914.23	\$880,180.00	\$6.2870
FREEDOM ENERGY 45	1.0%	1.029	140,000	135,994	1,408	1,368	134,626	\$1,604.12	\$8,975.30	\$892,430.00	\$6.3745
UET SW	2.0%	1.029	418,193	406,226	8,280	8,043	398,183	-	\$39,581.95	\$1,999,142.01	\$4.7804
UET DAY GAS	2.0%	1.029	60,000	58,283	1,188	1,154	57,129	-	\$4,781.70	\$241,500.00	\$4.0250
MGAG - MACQUARIE	2.0%	1.029	98,000	95,196	1,932	1,877	93,319	-	\$11,814.18	\$599,270.00	\$6.1150
MGAG - RBC	2.0%	1.029	224,000	217,590	4,424	4,297	213,293	-	\$26,566.12	\$1,345,120.00	\$6.0050
MGAG	2.0%	1.029	280,000	271,988	5,544	5,385	266,602	-	\$35,093.52	\$1,772,400.00	\$6.3300
PEAK - MS	2.0%	1.029	219,380	213,102	4,340	4,216	208,887	-	\$26,387.20	\$1,333,830.40	\$6.0800
MGAG - CITIBANK	2.0%	1.029	98,000	95,196	1,932	1,877	93,319	-	\$11,746.56	\$595,840.00	\$6.0800
MACQUARIE	2.0%	1.029	406,000	394,382	8,036	7,806	386,576	-	\$51,189.32	\$2,586,220.00	\$6.3700
PACIFIC SUMMIT SW	2.0%	1.029	625,000	607,116	12,375	12,021	595,095	-	\$38,803.53	\$2,969,875.00	\$4.7518
PEAK - SEA	2.0%	1.029	259,056	251,643	5,124	4,977	246,666	-	\$31,051.44	\$1,569,879.36	\$6.0600
PGW GATE	1.029	-	-	-	-	-	-	\$14,554.29	-	-	-
SMP DEALS ADJUSTMENT	1.029	-	-	-	53	51	-	-	-	-	-
WSS INV	1.029	-	-	-	1,904	1,904	-	\$4,234.07	-	-	-
WSS SAGI	1.029	-	-	-	3,973	3,859	-	\$8,582.22	-	-	-
Totals & Averages	2.1%	1.029	2,967,629	2,882,711	62,305	60,522	2,828,003	\$31,162.05	\$316,905.05	\$16,785,686.77	\$5.6563
Grand Total	2.0%	1.036	5,339,389	5,151,731	106,221	102,536	5,055,010	\$296,420.79	\$541,960.40	\$29,035,387.57	\$5.4380

Philadelphia Gas Works' Base Rate Filing

March 2022

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
MACQUARIE	1.5%	1.044	387,500	371,168	5,828	5,582	365,585	\$47,136.50	\$22,058.98	\$1,466,687.50	\$3,7850
PEAK - BP	1.5%	1.044	155,000	148,467	2,325	2,227	146,240	\$18,855.36	\$7,835.25	\$522,350.00	\$3,3700
HARTREE	1.5%	1.044	387,500	371,168	5,797	5,553	365,615	\$47,140.32	\$21,941.65	\$1,466,687.50	\$3,7850
TWIN EAGLE	1.5%	1.044	168,764	161,651	2,542	2,435	159,216	\$20,528.42	\$9,634.18	\$639,615.56	\$3,7900
TWIN EAGLE SW	1.5%	1.044	90,000	86,207	1,350	1,293	84,914	\$10,948.28	\$6,299.25	\$419,950.00	\$4,6661
MGAG - TD BANK	1.5%	1.044	93,000	89,080	1,395	1,336	87,744	\$11,313.21	\$4,858.09	\$323,872.50	\$3,4825
EQT	0.0%	1.044	155,000	148,467	-	-	148,467	-	-	\$595,200.00	\$3,8400
SEQUENT SW	1.5%	1.044	190,000	181,992	2,850	2,730	179,262	\$23,113.03	\$12,753.00	\$850,200.00	\$4,4747
PEAK - MSBB	1.5%	1.044	374,666	358,875	5,611	5,375	353,500	\$45,578.29	\$19,582.39	\$1,307,584.34	\$3,4900
PEAK - MSBB*		1.044	-	-	-	-	-	-	-	(\$36,499.72)	-
FIS-7		1.044	-	-	-	-	-	-	-	-	-
FIS-8		1.044	-	-	-	-	-	-	-	-	-
Totals & Averages	1.4%	1.044	2,001,430	1,917,074	27,698	26,531	1,890,543	\$224,613.41	\$104,962.78	\$7,555,647.68	\$3,7751

*PEAK - MSBB (BBE 2019A) Annual Return

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DTH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
FREEDOM ENERGY 30	0.9%	1.029	155,000	150,571	1,446	1,405	149,166	\$2,421.72	\$6,502.66	\$697,035.00	\$4,4970
FREEDOM ENERGY 45	0.7%	1.029	154,959	150,531	1,078	1,047	149,484	\$1,775.53	\$4,931.31	\$708,859.95	\$4,5745
UET SW	2.0%	1.029	180,000	174,857	3,564	3,462	171,395	-	\$17,833.86	\$900,700.00	\$5,0039
MGAG - MACQUARIE	2.0%	1.029	108,500	105,400	2,139	2,078	103,322	-	\$9,272.57	\$470,347.50	\$4,3350
MGAG - RBC	2.0%	1.029	248,000	240,914	4,898	4,758	236,156	-	\$20,694.05	\$1,047,800.00	\$4,2250
MGAG	2.0%	1.029	310,000	301,142	6,138	5,963	295,180	-	\$27,927.90	\$1,410,500.00	\$4,5500
PEAK - MS	2.0%	1.029	242,885	235,945	4,805	4,668	231,277	-	\$20,661.50	\$1,044,405.50	\$4,3000
PEAK - MS**		1.029	-	-	-	-	-	-	-	(\$16,420.85)	-
MGAG - CITIBANK	2.0%	1.029	108,500	105,400	2,139	2,078	103,322	-	\$9,197.70	\$466,550.00	\$4,3000
MACQUARIE	2.0%	1.029	449,500	436,656	8,897	8,643	428,014	-	\$40,837.23	\$2,063,205.00	\$4,5900
PACIFIC SUMMIT SW	2.0%	1.029	265,000	257,428	5,247	5,097	252,331	-	\$26,059.27	\$1,316,124.93	\$4,9665
PEAK - SEA	2.0%	1.029	286,812	278,617	5,673	5,511	273,106	-	\$24,280.44	\$1,227,555.36	\$4,2800
PGW GATE		1.029	-	-	-	-	-	\$6,227.78	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	42	41	-	-	-	-	-
WSS INV		1.029	-	-	866	841	-	\$1,872.75	-	-	-
WSS SAGI		1.029	-	-	1,111	1,079	-	\$2,400.72	-	-	-
Totals & Averages	1.9%	1.029	2,509,156	2,437,461	48,043	46,670	2,392,752	\$14,698.50	\$208,198.49	\$11,336,662.39	\$4,5181
Grand Total	1.7%	1.036	4,510,586	4,354,535	75,741	73,201	4,283,296	\$239,311.91	\$313,161.27	\$18,892,310.07	\$4,1884

**PEAK - MS (BBE 2020A) Annual Return

Philadelphia Gas Works' Base Rate Filing

April 2022

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT Crayne	0.0%	1.041	150,000	144,131	-	-	144,131	-	-	\$664,500.00	\$4.4300
EQT	0.9%	1.041	90,000	86,478	810	778	85,700	\$11,300.38	\$3,551.85	\$394,650.00	\$4.3850
PEAK - BP	0.9%	1.041	150,000	144,131	1,320	1,268	142,862	\$18,837.76	\$5,253.60	\$597,000.00	\$3.9800
SHELL	0.9%	1.041	450,000	432,392	3,990	3,834	428,559	\$56,509.48	\$17,486.18	\$1,972,125.00	\$4.3825
MACQUARIE	0.9%	1.041	90,000	86,478	810	778	85,700	\$11,300.38	\$3,555.90	\$395,100.00	\$4.3900
MGAG - TD BANK	0.9%	1.041	90,000	86,478	810	778	85,700	\$11,300.38	\$3,312.90	\$368,100.00	\$4.0900
TWIN EAGLE SW	0.9%	1.041	20,000	19,217	178	171	19,046	\$2,511.45	\$1,136.09	\$127,650.00	\$6.3825
SEQUENT SW	0.9%	1.041	35,597	34,204	316	304	33,901	\$4,470.11	\$2,016.75	\$227,183.86	\$6.3821
FIS-7		1.041	-	-	-	-	-	-	-	-	-
FIS-8		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	0.8%	1.041	1,075,597	1,033,511	8,234	7,912	1,025,599	\$116,229.94	\$36,313.26	\$4,746,308.86	\$4.4127

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
SHELL	0.6%	1.029	149,209	144,982	938	911	144,070	\$2,583.22	\$4,938.57	\$785,585.39	\$5.2650
UET SW	2.5%	1.029	280,000	272,068	7,028	6,829	265,239	\$17,448.34	\$43,219.69	\$1,721,900.00	\$6.1496
PACIFIC SUMMIT	0.6%	1.029	270,000	262,351	1,740	1,691	260,660	\$4,592.70	\$7,743.00	\$1,201,500.00	\$4.4500
PACIFIC SUMMIT SW	0.6%	1.029	425,000	412,960	2,757	2,679	410,281	\$7,228.76	\$16,610.28	\$2,560,525.12	\$6.0248
MGAG - RBC	0.6%	1.029	112,080	108,905	720	700	108,205	\$1,906.20	\$2,917.80	\$454,204.20	\$4.0525
MGAG - CITIBANK	0.7%	1.029	105,000	102,025	690	670	101,355	\$1,785.60	\$2,872.13	\$437,062.50	\$4.1625
PEAK - MS	0.6%	1.029	90,000	87,450	570	554	86,896	\$1,531.20	\$2,376.90	\$375,300.00	\$4.1700
PEAK - SEA	0.7%	1.029	60,000	58,300	390	379	57,921	\$1,020.60	\$1,618.50	\$249,000.00	\$4.1500
MGAG - CITIBANK 2	0.6%	1.029	135,000	131,175	870	845	130,330	\$2,296.50	\$3,586.58	\$556,537.50	\$4.1225
MGAG - MACQUARIE	0.7%	1.029	105,000	102,025	690	670	101,355	\$1,785.60	\$2,887.65	\$439,425.00	\$4.1850
PGW GATE		1.029	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.029	-	-	-	-	-	-	-	-	-
WSS INV		1.029	-	-	2,122	2,062	-	\$5,267.97	-	-	-
WSS SAG1		1.029	-	-	1,144	1,112	-	\$2,844.54	-	-	-
Totals & Averages	1.1%	1.029	1,731,289	1,682,241	19,659	19,102	1,666,312	\$50,291.23	\$88,771.09	\$8,781,039.71	\$5.0720

Grand Total 1.0% 1.034 2,806,886 2,715,752 27,893 27,014 2,691,912 \$166,521.17 \$125,084.34 \$13,527,348.57 \$4.8193

Philadelphia Gas Works' Base Rate Filing

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
EQT Crayne	0.0%	1.039	155,000	149,145	-	-	149,145	-	-	\$984,250.00	\$6.3500
EQT	0.9%	1.039	93,000	89,487	837	805	88,682	\$11,677.05	\$5,277.29	\$586,365.00	\$6.3050
PEAK - BP	0.9%	1.039	155,000	149,145	1,364	1,312	147,832	\$19,465.68	\$8,047.60	\$1,450,000.00	\$5.9000
SHELL	0.9%	1.039	465,000	447,435	4,123	3,967	443,468	\$58,393.12	\$25,985.21	\$2,930,662.50	\$6.3025
MACQUARIE	0.9%	1.039	93,000	89,487	837	805	88,682	\$11,677.06	\$5,281.47	\$586,830.00	\$6.3100
MGAG - TD BANK	0.9%	1.039	93,000	89,487	837	805	88,682	\$11,677.06	\$5,030.37	\$558,930.00	\$6.0100
TWIN EAGLE SW	0.9%	1.039	40,000	38,489	356	343	38,146	\$5,022.89	\$2,594.35	\$291,500.00	\$7.2875
SEQUENT SW	0.9%	1.039	100,000	96,223	890	856	95,366	\$12,557.24	\$6,271.83	\$704,700.00	\$7.0470
FIS-7		1.039	-	-	-	-	-	-	-	-	-
FIS-8		1.039	-	-	-	-	-	-	-	-	-
Totals & Averages	0.8%	1.039	1,194,000	1,148,897	9,244	8,895	1,140,003	\$130,470.10	\$58,488.11	\$7,557,737.50	\$6.3298

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
SHELL	0.2%	1.028	155,000	150,721	341	332	150,390	\$1,153.82	\$2,460.32	\$1,118,325.00	\$7.2150
UET SW	2.5%	1.028	55,000	53,482	1,380	1,342	52,140	\$3,260.58	\$9,584.73	\$382,000.00	\$6.9455
PACIFIC SUMMIT	0.6%	1.028	279,000	271,298	1,798	1,748	269,550	\$4,745.79	\$11,651.04	\$1,807,920.00	\$6.4800
PACIFIC SUMMIT 2	0.7%	1.028	310,000	301,442	2,015	1,959	299,483	\$5,272.48	\$12,553.45	\$1,931,300.00	\$6.2300
PACIFIC SUMMIT SW	0.6%	1.028	180,000	175,031	1,166	1,134	173,897	\$3,061.72	\$8,060.62	\$1,244,350.08	\$6.9131
MGAG - RBC	0.6%	1.028	115,816	112,619	744	723	111,895	\$1,969.74	\$4,525.38	\$704,450.82	\$6.0825
MGAG - CITIBANK	0.7%	1.028	108,500	105,505	713	693	104,812	\$1,845.12	\$4,415.25	\$671,886.25	\$6.1925
PEAK - MS	0.6%	1.028	93,000	90,433	589	573	89,860	\$1,582.24	\$3,651.80	\$576,600.00	\$6.2000
PEAK - SEA	0.7%	1.028	62,000	60,288	403	392	59,897	\$1,054.62	\$2,490.54	\$383,160.00	\$6.1800
MGAG - CITIBANK 2	0.6%	1.028	139,500	135,649	899	874	134,775	\$2,373.05	\$5,531.10	\$858,273.75	\$6.1525
MGAG - MACQUARIE	0.7%	1.028	108,500	105,505	713	693	104,812	\$1,845.12	\$4,431.30	\$674,327.50	\$6.2150
PGW GATE		1.028	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.028	-	-	-	-	-	-	-	-	-
WSS INV		1.028	-	-	1,337	1,300	-	\$3,320.48	-	-	-
WSS SAGI		1.028	-	-	593	577	-	\$1,475.23	-	-	-
Totals & Averages	0.8%	1.028	1,606,316	1,561,973	12,691	12,341	1,551,509	\$32,959.99	\$69,355.52	\$10,352,593.40	\$6.4449
Grand Total	0.8%	1.033	2,800,316	2,710,870	21,935	21,235	2,691,512	\$163,430.09	\$127,843.63	\$17,910,330.90	\$6.3958

Philadelphia Gas Works' Base Rate Filing

June 2022

TEXAS EASTERN SPOT PURCHASES

III.E.36.

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
EQT Crayne	0.0%	1.040	150,000	144,280	-	-	144,280	-	-	\$1,183,500.00	\$7.8900
EQT	0.9%	1.040	90,000	86,568	810	779	85,789	\$11,300.38	\$6,354.45	\$706,050.00	\$7.8450
PEAK - BP	0.9%	1.040	150,000	144,280	1,320	1,270	143,010	\$18,837.76	\$9,820.80	\$1,116,000.00	\$7.4400
SHELL	0.9%	1.040	450,000	432,840	3,990	3,838	429,003	\$56,509.47	\$31,291.58	\$3,529,125.00	\$7.8425
MACQUARIE	0.9%	1.040	90,000	86,568	810	779	85,789	\$11,300.38	\$6,358.50	\$706,500.00	\$7.8500
MGAG - TD BANK	0.9%	1.040	90,000	86,568	810	779	85,789	\$11,300.38	\$6,115.50	\$679,500.00	\$7.5500
TWIN EAGLE SW	0.0%	1.040	-	-	-	-	-	-	-	-	-
SEQUENT SW	0.9%	1.040	24,000	23,085	216	208	22,877	\$3,013.43	\$1,223.91	\$135,990.00	\$5.6663
FIS-7	1.040	-	-	-	-	-	-	-	-	-	-
FIS-8	1.040	-	-	-	-	-	-	-	-	-	-
Totals & Averages	0.8%	1.040	1,044,000	1,004,190	7,956	7,653	996,537	\$112,261.80	\$61,164.74	\$8,056,665.00	\$7.7171

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
SHELL	0.2%	1.028	150,000	145,896	331	322	145,574	\$1,116.58	\$2,964.11	\$1,343,250.00	\$8.9550
UET SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.6%	1.028	270,000	262,612	1,740	1,692	260,920	\$4,592.70	\$13,833.00	\$2,146,500.00	\$7.9500
PACIFIC SUMMIT SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
MGAG - RBC	0.6%	1.028	112,080	109,013	720	700	108,313	\$1,906.20	\$5,437.80	\$846,484.20	\$7.5525
MGAG - CITIBANK	0.7%	1.028	105,000	102,127	690	671	101,456	\$1,785.60	\$5,287.13	\$804,562.50	\$7.6625
PEAK - MS	0.6%	1.028	90,000	87,537	570	554	86,983	\$1,531.20	\$4,371.90	\$690,300.00	\$7.6700
PEAK - SEA	0.7%	1.028	60,000	58,358	390	379	57,979	\$1,020.60	\$2,983.50	\$459,000.00	\$7.6500
MGAG - CITIBANK 2	0.6%	1.028	135,000	131,306	870	846	130,460	\$2,296.50	\$6,631.58	\$1,029,037.50	\$7.6225
MGAG - MACQUARIE	0.7%	1.028	105,000	102,127	690	671	101,456	\$1,785.60	\$5,302.65	\$806,925.00	\$7.6850
PGW GATE	1.028	-	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT	1.028	-	-	-	-	-	-	-	-	-	-
WSS INV	1.028	-	-	-	55	53	-	\$136.97	-	-	-
WSS SAG1	1.028	-	-	-	2,231	2,170	-	\$5,538.20	-	-	-
Totals & Averages	0.8%	1.028	1,027,080	998,977	8,287	8,060	993,140	\$21,710.15	\$46,811.66	\$8,126,059.20	\$7.9118
Grand Total	0.8%	1.034	2,071,080	2,003,167	16,243	15,713	1,989,677	\$133,971.95	\$107,976.39	\$16,182,724.20	\$7.8137

Philadelphia Gas Works' Base Rate Filing

July 2022

III.E.36.

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
EQT Crayne	0.0%	1.041	155,000	148,917	-	-	148,917	-	-	\$940,850.00	\$6.0700
EQT	0.9%	1.041	93,000	89,350	837	804	88,546	\$11,677.06	\$5,047.11	\$560,790.00	\$6.0300
PEAK - BP	0.9%	1.041	155,000	148,917	1,364	1,310	147,606	\$19,465.68	\$7,024.60	\$798,250.00	\$5.1500
SHELL	0.9%	1.041	465,000	446,751	4,123	3,961	442,790	\$58,393.12	\$31,623.41	\$3,566,550.00	\$7.6700
MACQUARIE	0.9%	1.041	93,000	89,350	837	804	88,546	\$11,677.06	\$5,047.11	\$560,790.00	\$6.0300
MGAG - TD BANK	0.9%	1.041	93,000	89,350	837	804	88,546	\$11,677.06	\$6,156.14	\$684,015.00	\$7.3550
TWIN EAGLE SW	0.9%	1.041	50,000	48,038	445	428	47,610	\$6,278.62	\$2,253.04	\$253,150.00	\$5.0630
SEQUENT SW	0.9%	1.041	522,000	501,514	4,636	4,454	497,060	\$65,550.02	\$29,056.80	\$3,271,710.00	\$6.2676
FIS-7		1.041	-	-	-	-	-	-	-	-	-
FIS-8		1.041	-	-	-	-	-	-	-	-	-
Totals & Averages	0.8%	1.041	1,626,000	1,562,187	13,079	12,566	1,549,621	\$184,718.62	\$86,208.20	\$10,636,105.00	\$6.5413

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DTH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DTH
SHELL	0.2%	1.028	155,000	150,714	341	332	150,382	\$1,153.82	\$2,436.45	\$1,107,475.00	\$7.1450
UET SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.6%	1.028	279,000	271,285	1,798	1,748	269,536	\$4,745.79	\$13,215.30	\$2,050,650.00	\$7.3500
PACIFIC SUMMIT SW	0.0%	1.028	-	-	-	-	-	-	-	-	-
MGAG - RBC	0.6%	1.028	115,816	112,613	744	723	111,890	\$1,969.74	\$5,492.58	\$855,011.62	\$7.3825
MGAG - CITIBANK	0.7%	1.028	108,500	105,500	713	693	104,806	\$1,845.12	\$4,472.29	\$680,566.25	\$6.2725
PEAK - MS	0.6%	1.028	93,000	90,428	589	573	89,855	\$1,582.24	\$3,227.72	\$509,640.00	\$5.4800
PEAK - SEA	0.7%	1.028	62,000	60,285	403	392	59,894	\$1,054.62	\$2,200.38	\$338,520.00	\$5.4600
MGAG - CITIBANK 2	0.6%	1.028	139,500	135,642	899	874	134,768	\$2,373.05	\$5,603.02	\$869,433.75	\$6.2325
MGAG - MACQUARIE	0.7%	1.028	108,500	105,500	713	693	104,806	\$1,845.12	\$4,488.34	\$683,007.50	\$6.2950
PGW GATE		1.028	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT		1.028	-	-	-	-	-	-	-	-	-
WSS INV		1.028	-	-	-	-	-	-	-	-	-
WSS SAG1		1.028	-	-	1,378	1,340	-	\$3,426.89	-	-	-
Totals & Averages	0.7%	1.028	1,061,316	1,031,967	7,578	7,368	1,025,938	\$19,996.39	\$41,136.07	\$7,094,304.12	\$6.6844
Grand Total	0.8%	1.036	2,687,316	2,594,153	20,657	19,934	2,575,559	\$204,715.01	\$127,344.27	\$17,730,409.12	\$6.5978

Philadelphia Gas Works' Base Rate Filing

August 2022

III.E.36

TEXAS EASTERN SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
EQT Crayne	0.0%	1.041	155,000	148,937	-	-	148,937	-	-	\$940,850.00	\$6.0700
EQT	0.9%	1.041	93,000	89,362	837	804	88,558	\$12,018.06	\$5,047.11	\$560,790.00	\$6.0300
PEAK - BP	0.9%	1.041	155,000	148,937	1,364	1,311	147,627	\$20,034.13	\$9,929.92	\$1,128,400.00	\$7.2800
SHELL	0.9%	1.041	465,000	446,812	4,123	3,962	442,850	\$60,098.36	\$29,644.37	\$3,343,350.00	\$7.1900
MACQUARIE	0.9%	1.041	93,000	89,362	837	804	88,558	\$12,018.06	\$5,047.11	\$560,790.00	\$6.0300
MGAG - TD BANK	0.9%	1.041	93,000	89,362	837	804	88,558	\$12,018.06	\$5,766.93	\$640,770.00	\$6.8900
TWIN EAGLE SW	0.0%	1.041	-	-	-	-	-	-	-	-	-
SEQUENT SW	0.9%	1.041	304,000	292,109	2,705	2,599	289,510	\$39,288.86	\$20,745.44	\$2,331,465.00	\$7.6693
FIS-7	1.041	-	-	-	-	-	-	-	-	-	-
FIS-8	1.041	-	-	-	-	-	-	-	-	-	-
Totals & Averages	0.8%	1.041	1,358,000	1,304,883	10,703	10,284	1,294,599	\$155,475.53	\$76,180.88	\$9,506,415.00	\$7.0003

TRANSCONTINENTAL SPOT PURCHASES

Supplier	Fuel %	BTU Factor	DIH Purchased	MCF Purchased	DIH Fuel	MCF Fuel	MCF Received	Transportation Costs	Fuel Costs	Commodity Costs	Average \$/DIH
SHELL	0.2%	1.029	155,000	150,673	341	331	150,342	\$1,153.82	\$4,772.30	\$2,169,225.00	\$13.9950
SHELL 2	0.2%	1.029	217,000	210,943	496	482	210,461	\$1,615.41	\$6,944.00	\$3,038,000.00	\$14.0000
UET SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
PACIFIC SUMMIT	0.6%	1.029	279,000	271,212	1,798	1,748	269,464	\$4,745.79	\$13,215.30	\$2,050,650.00	\$7.3500
PACIFIC SUMMIT SW	0.0%	1.029	-	-	-	-	-	-	-	-	-
MGAG - RBC	0.6%	1.029	115,816	112,583	744	723	111,860	\$1,969.74	\$5,202.42	\$809,843.38	\$6.9925
MGAG - CITIBANK	0.7%	1.029	108,500	105,471	713	693	104,778	\$1,845.12	\$4,472.29	\$680,566.25	\$6.2725
PEAK - MS	0.6%	1.029	93,000	90,404	589	573	89,831	\$1,582.24	\$4,682.55	\$739,350.00	\$7.9500
PEAK - SEA	0.7%	1.029	62,000	60,269	403	392	59,878	\$1,054.62	\$3,195.79	\$491,660.00	\$7.9300
MGAG - CITIBANK 2	0.6%	1.029	139,500	135,606	899	874	134,732	\$2,373.05	\$5,603.02	\$869,433.75	\$6.2325
MGAG - MACQUARIE	0.7%	1.029	108,500	105,471	713	693	104,778	\$1,845.12	\$4,488.34	\$683,007.50	\$6.2950
PGW GATE	1.029	-	-	-	-	-	-	-	-	-	-
SMP DEALS ADJUSTMENT	1.029	-	-	-	-	-	-	-	-	-	-
WSS INV	1.029	-	-	-	-	-	-	-	-	-	-
WSS SAGI	1.029	-	-	-	1,252	1,217	-	\$3,110.15	-	-	-
Totals & Averages	0.6%	1.029	1,278,316	1,242,634	7,948	7,726	1,236,125	\$21,295.06	\$52,576.00	\$11,531,735.88	\$9.0210
Grand Total	0.7%	1.035	2,636,316	2,547,517	18,651	18,011	2,530,723	\$176,770.59	\$128,756.88	\$21,038,150.88	\$7.9801

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.37. In determining pro forma expense, exclude cost of gas adjustments applicable to fuel adjustment clause and exclude fuel adjustment clause revenues, so that the operating statement is on the basis of base rates only.

RESPONSE:

Not applicable.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.38. Identify company's policy with respect to replacing customers lost through attrition.

RESPONSE:

PGWs Marketing Department actively pursues all new business opportunities, including but not limited to residential, commercial and industrial sectors. Sales Representatives are tasked with annual sales goals, achieved via the acquisition of new customers and the expansion of an existing customer's volumetric demand. The Department actively participates in trade ally organizations with the intent to understand emerging technology and leverage our peers' best practices. In addition, the department facilitates customer seminars where new and existing customers are presented with customer testimonials, proof of concepts, and the opportunity to network with customers who have adopted emerging natural gas technologies.

III. BALANCE SHEET AND OPERATING STATEMENT

III.E.39. Identify procedures developed to govern relationship between the respondent and potential customers-i.e., basically expansion, alternate energy requirements, availability of supply, availability of distribution facilities, ownership of metering and related facilities.

RESPONSE:

These procedures are defined in the Rules and Regulations section of PGW's Gas Service Tariff –Pa. P.U.C. No. 2 (present and proposed versions). The present and proposed versions of PGW's Gas Service Tariff are provided in response to IV.B.6.

IV. RATE STRUCTURE

IV.B.1. Provide a Cost of Service Study showing the rate of return under the present and proposed tariffs for all customer classifications. The study should include a summary of the allocated measures of value, operating revenues, operating expenses and net return for each of the customer classifications at original cost and at the 5-year trended original cost.

RESPONSE:

Please see PGW Statement No. 5 – Constance E. Heppenstall and accompanying schedules, and PGW's Cost of Service Study.

IV. RATE STRUCTURE

IV.B.2. Provide a statement of testimony describing the complete methodology of the cost of service study.

RESPONSE:

Please see PGW Statement No. 5 – Constance E. Heppenstall and accompanying schedules, and PGW's Cost of Service Study.

IV. RATE STRUCTURE

IV.B.3. Provide a complete description and back-up calculations for all allocation factors.

RESPONSE:

Please see PGW Statement No. 5 – Constance E. Heppenstall and accompanying schedules, and PGW's Cost of Service Study.

IV. RATE STRUCTURE

IV.B.4. Provide an exhibit for each customer classification showing the following data for the test year and the four previous years:

IV.B.4.a. The maximum coincident peak day demand.

IV.B.4.b. The maximum coincident 3-day peak day demand.

IV.B.4.c. The average monthly consumption in MCF during the Primary Heating Season (November-March).

IV.B.4.d. The average monthly consumption in MCF during the Non-heating season (April-October).

IV.B.4.e. The average daily consumption in MCF for each 12-month period.

RESPONSE:

See attached Excel worksheets.

Philadelphia Gas Works' Base Rate Filing

165 Exh.A.IV.B

PEAK DAY HISTORY

<u>FISCAL YEAR</u>	<u>DATE</u>	<u>DEGREE F AVG TEMP</u>	<u>MCF SENDOUT</u>	<u>N.G.</u>	<u>L.N.G.</u>
2017-2018	01/06/18	13	639,043	468,042	171,001
2018-2019	01/21/19	17	611,853	411,676	200,177
2019-2020	12/19/19	30	461,382	452,560	8,822
2020-2021	01/29/21	26	495,584	421,754	73,830
2021-2022	01/29/22	24	531,582	359,332	172,250
2022-2023	12/24/22	16	544,760	324,048	220,712

Philadelphia Gas Works' Base Rate Filing

3 DAY PEAK ANALYSIS

Winter Peak Season	Date	Average Temperature	Hi Temperature	Low Temperature	Total Sendout (mcf)	Firm Sendout (mcf)	Interruptible Sales Sendout (mcf)	IT Sendout (mcf)
2017 - 2018	Jan 5	15	19	10	625,642	547,239	44	78,359
2017 - 2018	Jan 6	13	16	8	639,043	565,130	44	73,869
2017 - 2018	Jan 7	20	27	9	582,222	516,455	44	65,723
2018 - 2019	Jan 30	16	37	7	584,172	500,209	43	83,920
2018 - 2019	Jan 31	17	20	11	609,241	522,948	43	86,250
2018 - 2019	Feb 1	18	25	15	586,904	503,748	43	83,113
2019- 2020	Dec 18	31	42	23	435,785	374,997	45	60,743
2019- 2020	Dec 19	30	33	25	461,382	398,876	45	62,461
2019- 2020	Dec 20	33	37	29	417,993	362,084	45	55,864
2020- 2021	Jan 28	29	36	25	455,995	397,133	45	58,817
2020- 2021	Jan 29	26	31	22	495,584	435,311	45	60,228
2020- 2021	Jan 30	32	36	27	426,177	372,796	45	53,336
2021- 2022	Jan 29	16	24	11	531,582	474,039	42	57,501
2021- 2022	Jan 30	23	27	17	490,112	434,209	42	55,861
2021- 2022	Jan 31	27	34	23	454,674	397,965	42	56,667

Excludes Grays Ferry & Trigen(Veolia)

Philadelphia Gas Works' Base Rate Filing

c. The average monthly consumption in MCF during the primary heating season (November-March).

Rate Class	Rate Class Name	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)
		Nov. to March Test Yr 23-24 3412 DEG DAYS	Nov. to March Budget Yr 22-23 3373 DEG DAYS	Nov. to March Budget Yr 21-22 3410 DEG DAYS	Nov. to March Budget Yr 20-21 3431 DEG DAYS	Nov. to March Budget Yr 19-20 3421 DEG DAYS
RC-1	Residential Non-Heat	43,860	47,231	39,491	41,877	45,822
	Residential Non-Heat-AC	-	-	-	-	-
RC-2	Residential Heat	4,874,371	5,254,027	4,974,593	4,937,982	5,306,400
	Residential Heat-AC	-	-	-	-	-
RC-3	PHA GS Heat	25,479	24,671	25,715	26,862	27,054
RC-4	Commercial Non-Heat	97,175	101,877	101,331	104,366	101,958
	Commercial Non-Heat-AC	-	-	-	-	-
RC-5	Commercial Heat	828,616	817,124	833,158	840,413	866,268
	Commercial Heat-AC	-	-	-	-	-
RC-6	Industrial Non-Heat	12,155	12,088	12,474	12,368	15,218
RC-7	Industrial Heat	50,228	45,716	56,277	50,944	54,285
RC-8	Municipal Non-Heat	32,717	37,334	13,751	14,188	16,420
	Municipal Non-Heat-AC	-	-	-	-	-
RC-9	Municipal Heat	115,664	88,738	71,783	72,297	79,181
	Municipal Heat-AC	-	-	-	-	-
RC-10	Housing Auth Non-Heat	-	-	-	-	-
RC-11	Housing Auth Heat	66,046	64,301	32,057	6,882	6,926
RC-12	BPS Small	-	-	-	-	-
RC-13	BPS Large	-	-	-	-	-
RC-14	BPS A/C	-	-	-	-	-
RC-15	LBS Small	-	-	-	-	-
RC-16	LBS Large-Indirect	-	-	-	-	-
RC-17	LBS Large-Direct	-	-	-	-	-
RC-18	LBS XLarge-Indirect	-	-	-	-	-
RC-19	LBS XLarge-Direct	-	-	-	-	-
RC-20	LNG Sales	1,661	1,655	4,137	4,137	-
RC-21	Co-Gen Indirect	32,890	19,571	1,272	1,042	41,370
RC-22	GTS Sales	-	-	-	-	-
RC-23	NGV Firm	146	749	134	67	134
RC-24	BUS NH	119	92	-	-	-
RC-25	NGS	1,792	7,302	-	-	-
RC-26	BUS H	77	143	246	-	-
RC-27	TED	2,171	2,969	2,954	-	-
	Total	6,185,166	6,525,589	6,169,372	6,113,423	6,561,035
FIRM TRANSPORT NON HEATING						
	RESIDENTIAL	4,694	3,982	4,200	3,575	1,941
	COMMERCIAL	54,660	62,393	63,003	61,580	57,912
	INDUSTRIAL	17,689	18,175	19,115	17,387	16,286
	MUNICIPAL	110	125	9,289	9,184	6,826
	NGV	1,495	-	-	-	107
	TOTAL FT NON-HEATING	78,647	84,676	95,607	91,725	83,072
FIRM TRANSPORT HEATING						
	RESIDENTIAL	354,998	322,654	293,041	230,105	152,453
	COMMERCIAL	443,856	506,427	478,751	449,841	455,769
	INDUSTRIAL	34,210	36,470	33,165	37,780	43,920
	MUNICIPAL	6,313	5,623	62,286	62,436	48,269
	HOUSING AUTHORITY	2,817	2,298	4,285	60,489	58,933
	TOTAL FT HEATING	842,194	873,472	871,527	840,651	759,344
	TOTAL FIRM TRANSPORT	920,841	958,148	967,134	932,376	842,416

Philadelphia Gas Works' Base Rate Filing

d. The average monthly consumption in MCF during the non-heating season (April-October).

Rate Class	Rate Class Name	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)	Ave.Monthly Cons. (MCF)
		April to October Test Yr 23-24 511 DEG DAYS	April to October Budget Yr 22-23 520 DEG DAYS	April to October Budget Yr 21-22 521 DEG DAYS	April to October Budget Yr 20-21 531DEG DAYS	April to October Budget Yr 19-20 535 DEG DAYS
RC-1	Residential Non-Heat	16,274	17,187	15,626	15,971	18,025
	Residential Non-Heat-AC	-	-	-	-	0
RC-2	Residential Heat	1,111,706	1,220,051	1,179,115	1,165,201	1,246,817
	Residential Heat-AC	-	-	-	-	-
RC-3	PHA GS	5,709	5,704	5,943	6,195	6,276
RC-4	Commercial Non-Heat	60,549	65,627	65,431	67,288	58,197
	Commercial Non-Heat-AC	17	7	7	7	6
RC-5	Commercial Heat	242,745	251,403	252,898	254,753	260,412
	Commercial Heat-AC	-	-	-	-	-
RC-6	Industrial Non-Heat	4,497	4,605	4,630	4,569	6,061
RC-7	Industrial Heat	14,034	13,317	14,540	13,423	15,025
RC-8	Municipal Non-Heat	6,810	12,430	4,134	4,247	4,711
	Municipal Non-Heat-AC	-	88	88	88	447
RC-9	Municipal Heat	18,128	16,600	13,702	13,753	14,772
	Municipal Heat-AC	-	-	-	-	-
RC-10	Housing Auth Non-Heat	-	-	-	-	-
RC-11	Housing Auth Heat	12,624	9,706	6,837	1,459	1,448
RC-12	BPS Small	-	-	-	-	-
RC-13	BPS Large	-	-	-	-	-
RC-14	BPS A/C	-	-	-	-	-
RC-15	LBS Small	-	-	-	-	-
RC-16	LBS Large-Indirect	-	-	-	-	-
RC-17	LBS Large-Direct	-	-	-	-	-
RC-18	LBS XLarge-Indirect	-	-	-	-	-
RC-19	LBS Xlarge-Direct	-	-	-	-	-
RC-20	LNG Sales	1,671	1,675	4,188	4,188	-
RC-21	Co-Gen Indirect	33,076	19,812	1,287	1,055	41,879
RC-22	GTS Sales	-	-	-	-	-
RC-23	NGV Firm	151	758	135	67	135
RC-24	BUS NH	124	95	-	-	-
RC-25	NGS	1,859	7,641	-	-	-
RC-26	BUS H	74	97	69	-	-
RC-27	TED	1,587	2,222	1,801	-	-
	Total	1,531,636	1,649,027	1,570,431	1,552,265	1,674,211

FIRM TRANSPORT NON HEATING

RESIDENTIAL	1,567	1,422	1,478	1,231	632
COMMERCIAL	24,235	32,378	33,096	32,522	30,113
INDUSTRIAL	9,950	11,006	11,082	9,755	9,355
MUNICIPAL	32	38	3,132	3,084	2,787
NGV	1,552	-	-	-	112
TOTAL FT NON-HEATING	37,335	44,844	48,788	46,592	42,999

FIRM TRANSPORT HEATING

RESIDENTIAL	75,386	70,675	67,371	51,764	30,537
COMMERCIAL	129,090	157,193	155,201	144,299	144,171
INDUSTRIAL	10,646	12,266	11,283	12,098	12,500
MUNICIPAL	1,244	755	9,000	9,001	7,731
HOUSING AUTHORITY	566	536	1,059	15,317	15,369
TOTAL FT HEATING	216,932	241,426	243,915	232,479	210,309

TOTAL FIRM TRANSPORT

254,267	286,270	292,703	279,071	253,308
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Philadelphia Gas Works' Base Rate Filing

e. The average daily consumption in MCF for each 12-month period.

Rate Class	Rate Class Name	Ave.Daily	Ave.Daily	Ave.Daily	Ave.Daily	Ave.Daily
		Cons. (MCF) Test Yr 23-24 3923 DEG DAYS	Cons. (MCF) Budget Yr 22-23 3893 DEG DAYS	Cons. (MCF) Budget Yr 21-22 3931 DEG DAYS	Cons. (MCF) Budget Yr 20-21 3962 DEG DAYS	Cons. (MCF) Budget Yr 19-20 3956 DEG DAYS
RC-1	Residential Non-Heat	910	977	841	880	973
	Residential Non-Heat-AC	-	-	-	-	-
RC-2	Residential Heat	87,852	95,371	90,758	89,990	96,602
	Residential Heat-AC	-	-	-	-	-
RC-3	PHA GS	457	447	466	487	491
RC-4	Commercial Non-Heat	2,486	2,654	2,643	2,720	2,513
	Commercial Non-Heat-AC	0.3	0.1	0.1	0.1	0.1
RC-5	Commercial Heat	15,963	16,015	16,263	16,398	16,861
	Commercial Heat-AC	-	-	-	-	-
RC-6	Industrial Non-Heat	252	254	260	257	325
RC-7	Industrial Heat	955	882	1,050	955	1,032
RC-8	Municipal Non-Heat	577	750	268	276	315
	Municipal Non-Heat-AC	-	2	2	2	9
RC-9	Municipal Heat	1,927	1,534	1,246	1,254	1,368
	Municipal Heat-AC	-	-	-	-	-
RC-10	Housing Auth Non-Heat	-	-	-	-	-
RC-11	Housing Auth Heat	1,144	1,067	570	122	123
RC-12	BPS Small	-	-	-	-	-
RC-13	BPS Large	-	-	-	-	-
RC-14	BPS A/C	-	-	-	-	-
RC-15	LBS Small	-	-	-	-	-
RC-16	LBS Large-Indirect	-	-	-	-	-
RC-17	LBS Large-Direct	-	-	-	-	-
RC-18	LBS XLarge-Indirect	-	-	-	-	-
RC-19	LBS XLarge-Direct	-	-	-	-	-
RC-20	LNG Sales	55	55	137	137	-
RC-21	Co-Gen Indirect	1,082	648	42	35	1,370
RC-22	GTS Sales	-	-	-	-	-
RC-23	NGV Firm	5	25	4	2	4
RC-24	BUS NH	4	3	-	-	-
RC-25	NGS	60	247	-	-	-
RC-26	BUS H	2	4	5	-	-
RC-27	TED	60	83	75	-	-
	Total	113,790	121,017	114,630	113,515	121,985
FIRM TRANSPORT NON HEATING						
	RESIDENTIAL	94	82	86	73	39
	COMMERCIAL	1,210	1,476	1,498	1,467	1,371
	INDUSTRIAL	432	460	474	425	402
	MUNICIPAL	2	2	187	185	147
	NGV	50	-	-	-	4
	TOTAL FT NON-HEATING	1,788	2,020	2,245	2,150	1,963
FIRM TRANSPORT HEATING						
	RESIDENTIAL	6,292	5,775	5,306	4,145	2,674
	COMMERCIAL	8,533	9,952	9,535	8,930	9,008
	INDUSTRIAL	671	735	671	750	841
	MUNICIPAL	110	92	1,026	1,028	809
	HOUSING AUTHORITY	49	42	79	1,122	1,102
	TOTAL FT HEATING	15,654	16,595	16,617	15,974	14,435
	TOTAL FIRM TRANSPORT	17,443	18,615	18,862	18,124	16,398

IV. RATE STRUCTURE

IV.B.5. Submit a Bill Frequency Analysis for each rate. The analysis should include the rate schedule and block interval, the number of bills at each interval, the cumulative number of bills at each interval, the Mcf or therms at each interval, the cumulative Mcf or therms at each interval, the accumulation of Mcf or therms passing through each interval, and the revenue at each interval for both the present rate and the proposed rates. The Analysis should show only those revenues collected from the basic tariff.

RESPONSE:

PGW's present rate schedule does not have block rates and PGW's proposed rates do not incorporate block rates.

IV. RATE STRUCTURE

IV.B.6. Supply copies of all present and proposed Gas Tariffs.

RESPONSE:

Copies of all present and proposed Gas Tariffs are provided in Volume 3 of this filing.

IV. RATE STRUCTURE

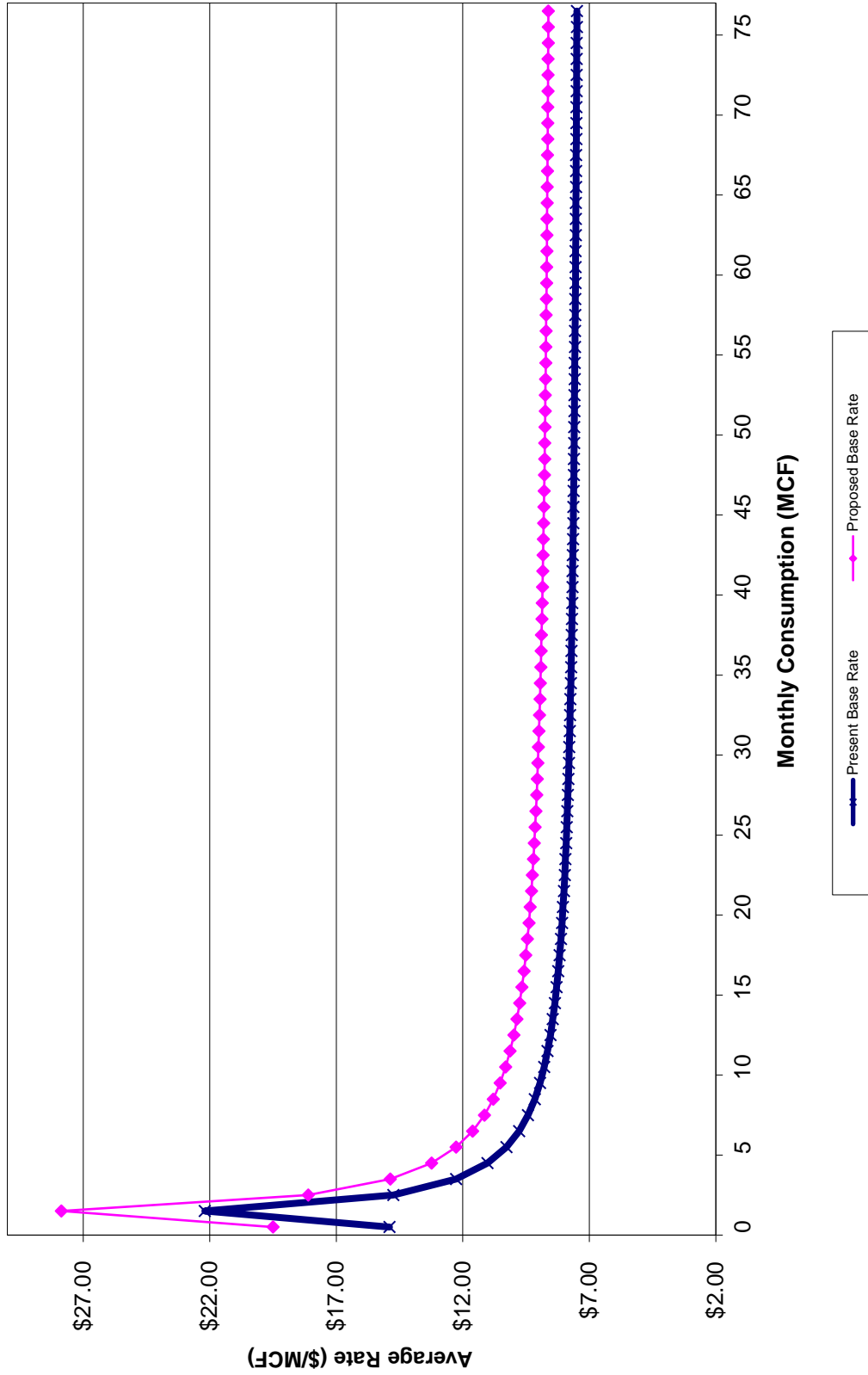
IV.B.7. Supply a graph of present and proposed base rates on hyperbolic cross section paper.

RESPONSE:

See the attached graphs.

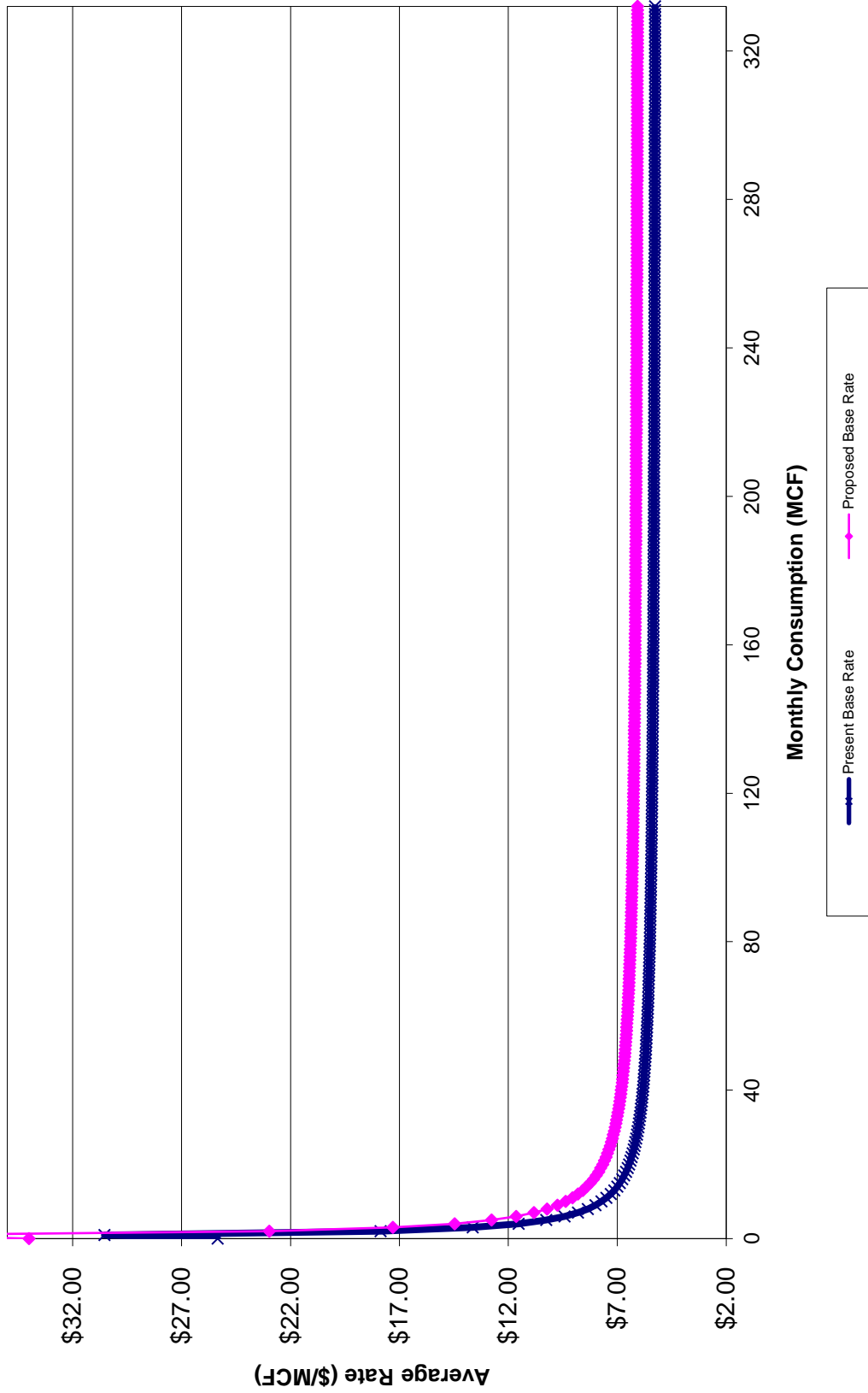
PHILADELPHIA GAS WORKS PRESENT AND PROPOSED RATES

RESIDENTIAL UNIT COST



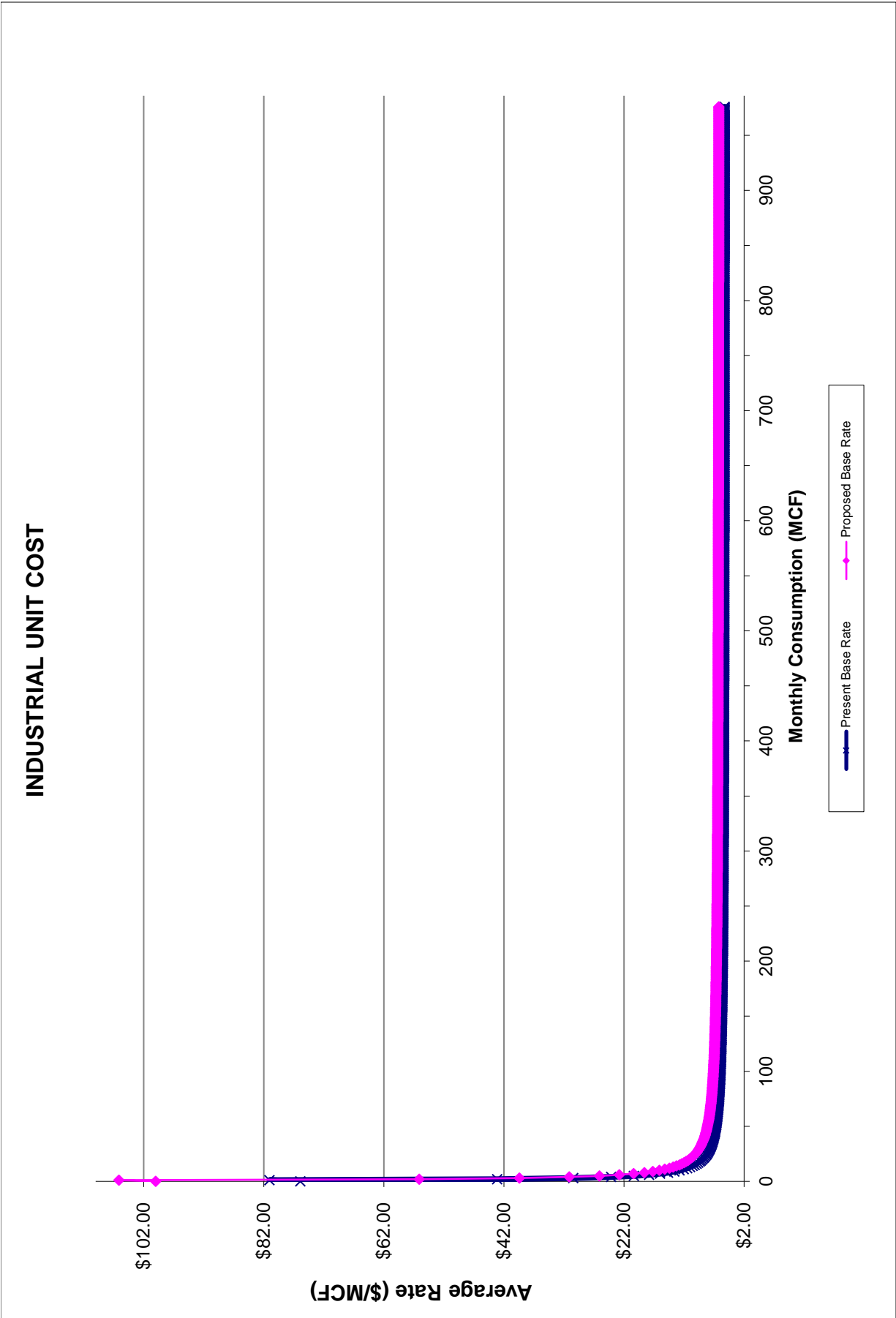
PHILADELPHIA GAS WORKS PRESENT AND PROPOSED RATES

COMMERCIAL UNIT COST



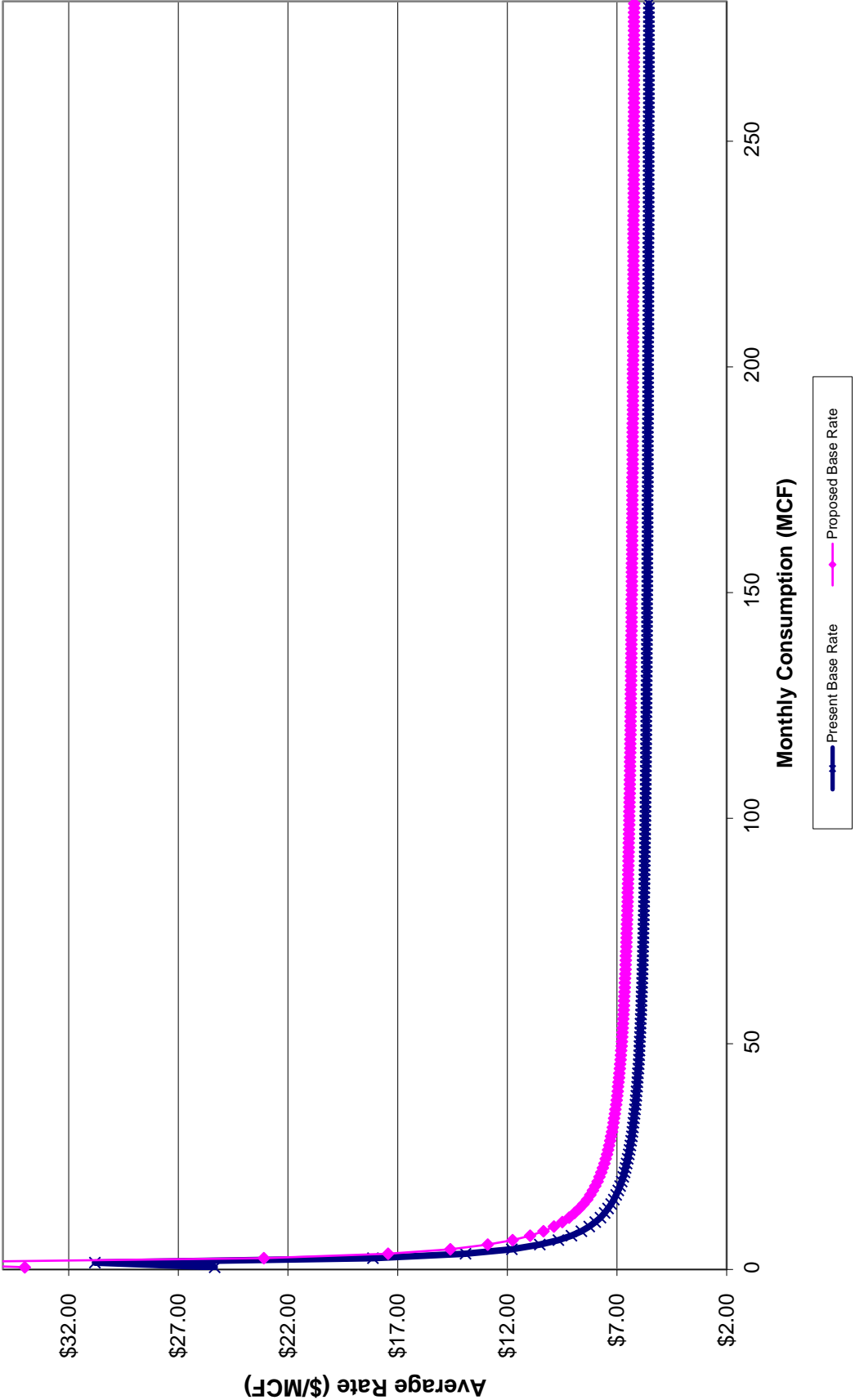
PHILADELPHIA GAS WORKS
PRESENT AND PROPOSED RATES

INDUSTRIAL UNIT COST



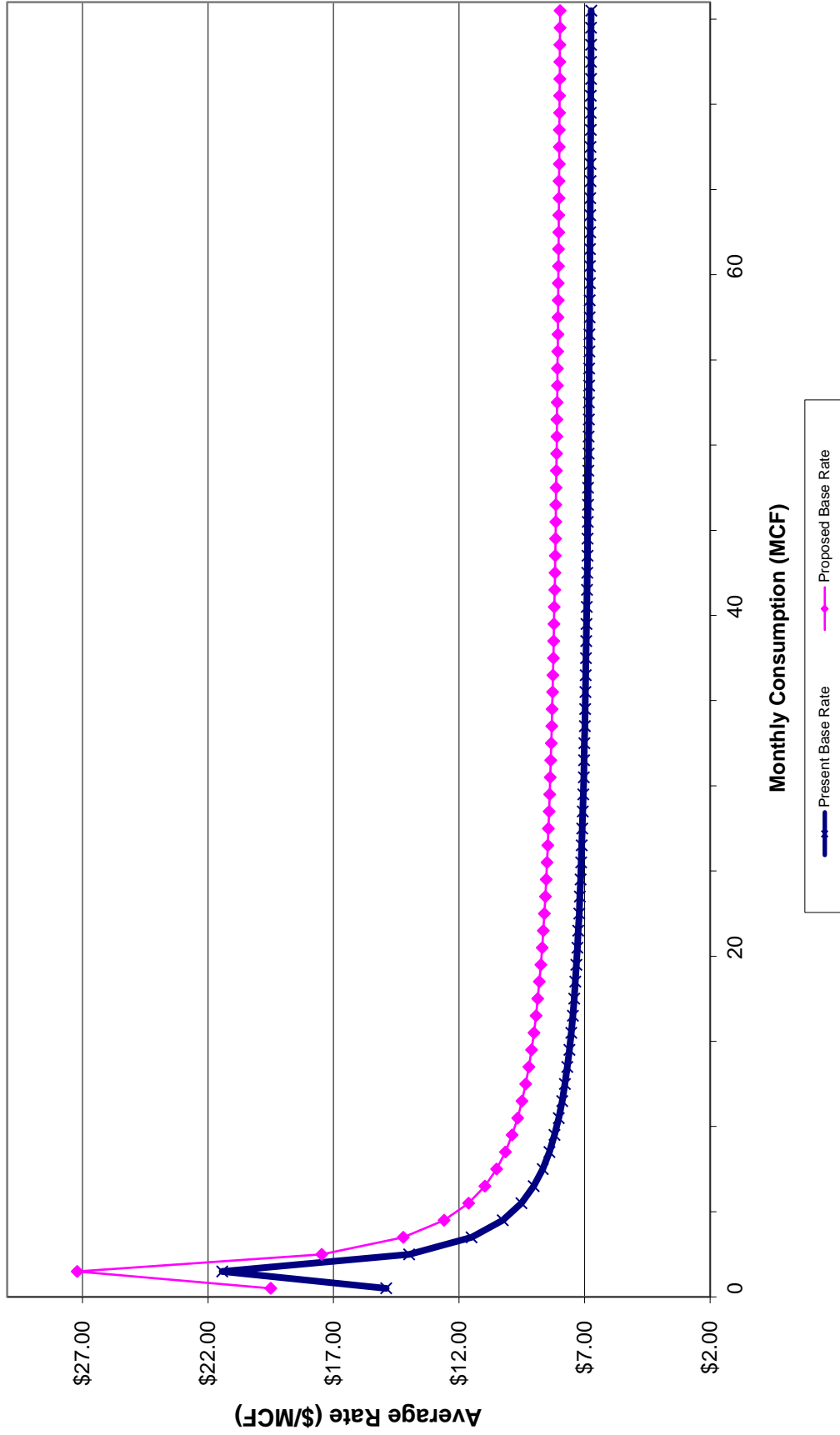
PHILADELPHIA GAS WORKS PRESENT AND PROPOSED RATES

PHA UNIT COST



PHILADELPHIA GAS WORKS PRESENT AND PROPOSED RATES

PHA/GS UNIT COST



IV. RATE STRUCTURE

IV.B.8. Supply a map showing the Gas System Facilities and Gas Service Areas. The map should include transmission lines, distribution lines, other companies' lines interconnecting with the interconnecting points clearly designated, major compressor stations, gas storage areas and gas storage lines. The normal direction of gas flow within the transmission system should be indicated by arrows. Separate service areas within the system should be clearly designated.

RESPONSE:

Following industry practice, as well as PUC and federal policy guidelines regarding the security of information related to energy facilities (see, e.g., the Commission's Workplace Security Survey, Docket No. M-00021590), PGW has not included maps in this filing. Any party to the proceeding requiring access to maps will be afforded the opportunity upon request and a determination of need, subject to the provisions of a Confidentiality Agreement to be entered into between such party and the Company pursuant to a Protective Order.

IV. RATE STRUCTURE

IV.B.9. Supply a cost analysis supporting minimum charges for all rate schedules.

RESPONSE:

Please see PGW Statement No. 5 – Constance E. Heppenstall and accompanying schedules, and PGW's Cost of Service Study.

IV. RATE STRUCTURE

IV.B.10. Supply a cost analysis supporting demand charges for all tariffs which contain demand charges.

RESPONSE:

Please see PGW Statement No. 5 – Constance E. Heppenstall and accompanying schedules, and PGW's Cost of Service Study.

IV. RATE STRUCTURE

IV.B.11. Supply the net fuel clause adjustment by month for the test year.

RESPONSE:

There is not a monthly fuel clause adjustment for the test year as the GCR is constant in the test year.

IV. RATE STRUCTURE

IV.B.12. Supply a tabulation of base rate bills for each rate schedule comparing the existing rates to proposed rates. The tabulation should show the dollar difference and the per cent increase or decrease.

RESPONSE:

See attached.

Philadelphia Gas Works' Base Rate Filing

FY 2024 Base Rate Case Typical Monthly Bill

February 1, 2023

September 1, 2023

Residential Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	71	Mcf	\$ 8.2282
Gas Cost Adjustment	71	Mcf	\$ 0.1265
Distribution Charge	71	Mcf	\$ 9.4223
Customer Charge	12	Months	\$ 14.90
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 1,504.55
Effect on Average Monthly Bill			\$ 125.38

Commercial Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	333	Mcf	\$ 8.0107
Gas Cost Adjustment	333	Mcf	\$ 0.1265
Distribution Charge	333	Mcf	\$ 7.3461
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 5,666.42
Effect on Average Monthly Bill			\$ 472.20

Industrial Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	957	Mcf	\$ 7.9714
Gas Cost Adjustment	957	Mcf	\$ 0.1265
Distribution Charge	957	Mcf	\$ 7.2755
Customer Charge	12	Months	\$ 75.90
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 16,213.65
Effect on Average Monthly Bill			\$ 1,351.14

PHA Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	396	Mcf	\$ 7.9377
Gas Cost Adjustment	396	Mcf	\$ 0.1265
Distribution Charge	396	Mcf	\$ 7.6087
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 6,759.46
Effect on Average Monthly Bill			\$ 563.29

PHA/GS Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	85	Mcf	\$ 8.2282
Gas Cost Adjustment	85	Mcf	\$ 0.1265
Distribution Charge	85	Mcf	\$ 8.6661
Customer Charge	12	Months	\$ 14.9000
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 1,694.22
Effect on Average Monthly Bill			\$ 141.19

Municipal Heating

<u>Unit Costs</u>	<u>Annual Usage/Months</u>	<u>Unit</u>	<u>Current Rates</u>
Commodity Charge	1,121	Mcf	\$ 7.9377
Gas Cost Adjustment	1,121	Mcf	\$ 0.1265
Distribution Charge	1,121	Mcf	\$ 6.8908
Customer Charge	12	Months	\$ 25.35
DSIC		Percentage	7.50%
Annual Bill/Effect on Annual Bill			\$ 17,670.91
Effect on Average Monthly Bill			\$ 1,472.58

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 8.3359	\$	\$ 0.1077
Gas Cost Adjustment	\$ 0.1265	\$	\$ -
Distribution Charge	\$ 10.4871	\$	\$ 1.0648
Customer Charge	\$ 19.50	\$	\$ 4.60
DSIC	7.50%		0.00%
	\$ 1,652.81	\$ 148.26	9.9%
	\$ 137.73	\$ 12.35	

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 8.0439	\$	\$ 0.0332
Gas Cost Adjustment	\$ 0.1265	\$	\$ -
Distribution Charge	\$ 8.1255	\$	\$ 0.7794
Customer Charge	\$ 34.00	\$	\$ 8.65
DSIC	7.50%		0.00%
	\$ 6,068.07	\$ 401.65	7.1%
	\$ 505.67	\$ 33.47	

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 7.9652	\$	\$ (0.0062)
Gas Cost Adjustment	\$ 0.1265	\$	\$ -
Distribution Charge	\$ 8.2182	\$	\$ 0.9427
Customer Charge	\$ 100.00	\$	\$ 24.10
DSIC	7.50%		0.00%
	\$ 17,488.44	\$ 1,274.78	7.9%
	\$ 1,457.37	\$ 106.23	

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 7.9377	\$	\$ -
Gas Cost Adjustment	\$ 0.1265	\$	\$ (0.0062)
Distribution Charge	\$ 8.2538	\$	\$ 0.6451
Customer Charge	\$ 34.00	\$	\$ 8.65
DSIC	7.50%		0.00%
	\$ 7,145.67	\$ 386.20	5.7%
	\$ 595.47	\$ 32.18	

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 8.3359	\$	\$ 0.1077
Gas Cost Adjustment	\$ 0.1265	\$	\$ -
Distribution Charge	\$ 9.8443	\$	\$ 1.1782
Customer Charge	\$ 19.50	\$	\$ 4.60
DSIC	7.50%		0.00%
	\$ 1,870.38	\$ 176.15	10.4%
	\$ 155.86	\$ 14.68	

	<u>Rate Change Update</u>	<u>Change In Annual Bill</u>	<u>Change In Rate</u>
Commodity Charge	\$ 7.9377	\$	\$ -
Gas Cost Adjustment	\$ 0.1265	\$	\$ -
Distribution Charge	\$ 8.2872	\$	\$ 1.3964
Customer Charge	\$ 34.00	\$	\$ 8.65
DSIC	7.50%		0.00%
	\$ 19,465.27	\$ 1,794.35	10.2%
	\$ 1,622.11	\$ 149.53	

IV. RATE STRUCTURE

IV.B.13. Submit the projected demands for all customer classes for both purchased and produced gas for the three years following the test year filing.

RESPONSE:

See attached schedule.

Philadelphia Gas Works' Base Rate Filing

Exh A - IV.B-13

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Degree Day	3,923	3,923	3,923	3,923	3,923
NON-HEATING					
RESIDENTIAL	333,220	320,673	308,808	296,081	283,873
RESIDENTIAL AC	-	-	-	-	-
CRP	-	-	-	-	-
COMMERCIAL	909,717	906,033	899,809	895,831	894,350
COMMERCIAL-AC	120	120	120	120	120
BUS NH	1,466	1,466	1,466	1,466	1,466
NGS	21,973	21,974	21,974	21,974	21,973
INDUSTRIAL	92,252	90,443	89,199	86,879	85,668
MUNICIPAL	211,257	211,178	211,178	211,178	211,257
MUNICIPAL-AC	-	-	-	-	-
NGV FIRM	1,785	1,785	1,785	1,785	1,785
TED	-	-	-	-	-
SUB-TOTAL NON-HTG	1,571,789	1,553,671	1,534,339	1,515,313	1,500,491
INTERRUPTIBLE					
LNG SALES	20,000	20,000	20,000	20,000	20,000
COGEN	395,979	395,979	395,979	395,979	395,979
GTS SALES	-	-	-	-	-
NGV	-	-	-	-	-
TOTAL INTERRUPTIBLE	415,979	415,979	415,979	415,979	415,979
TOTAL NON-HTG	1,987,768	1,969,650	1,950,318	1,931,291	1,916,469
HEATING					
RESIDENTIAL	27,240,576	26,662,816	26,521,193	26,438,107	26,395,173
RESIDENTIAL-AC	-	-	-	-	-
CRP	4,913,219	5,479,765	5,753,406	5,757,108	5,765,968
HOUSING AUTHORITY-GS	167,360	167,286	167,286	167,286	167,360
COMMERCIAL	5,842,292	5,836,368	5,830,883	5,813,866	5,816,266
COMMERCIAL-AC	-	-	-	-	-
BUS H	905	905	905	905	905
INDUSTRIAL	349,376	346,914	344,273	342,261	339,855
MUNICIPAL	705,218	704,919	704,919	704,919	705,218
PHA	418,601	418,392	418,392	420,466	418,992
TED	21,966	21,964	21,964	21,964	21,966
TOTAL HEATING	39,659,512	39,639,329	39,763,220	39,666,882	39,631,702
GAS SALES	41,647,280	41,608,979	41,713,538	41,598,173	41,548,172
FIRM TRANSPORT (FT) NON-HEATING					
RESIDENTIAL	34,440	36,729	39,149	41,751	44,460
COMMERCIAL	442,942	446,409	452,631	456,601	458,294
INDUSTRIAL	158,092	159,834	161,063	163,364	164,609
MUNICIPAL	772	772	772	772	772
NGV	18,337	18,337	18,337	18,337	18,337
TOTAL FT NON-HEATING	654,583	662,081	671,952	680,825	686,472
FIRM TRANSPORT (FT) HEATING					
RESIDENTIAL	2,302,690	2,354,499	2,409,461	2,465,996	2,526,458
COMMERCIAL	3,122,912	3,128,647	3,133,810	3,148,668	3,165,470
INDUSTRIAL	245,570	247,796	250,397	252,406	255,087
MUNICIPAL	40,276	40,261	40,261	40,261	40,276
HOUSING AUTHORITY	18,045	18,037	18,037	18,037	18,045
TOTAL FT HEATING	5,729,492	5,789,242	5,851,966	5,925,369	6,005,336
TOTAL FIRM TRANSPORT	6,384,075	6,451,322	6,523,918	6,606,194	6,691,808
SALES & FT	48,031,355	48,060,301	48,237,456	48,204,367	48,239,980
GTS TRANSPORT					
IT TRANSPORT	13,391,473	13,391,473	13,391,473	13,391,473	13,391,473
TOTAL GTS&IT TRANSPORT	11,631,416	11,631,416	11,631,416	11,631,416	11,631,416
TOTAL SALES & FT	73,054,244	73,083,190	73,260,345	73,227,256	73,262,868

IV. RATE STRUCTURE

IV.B.14. Supply an exhibit showing the gas deliveries to each customer class for the most recent 24 month period. The exhibit should identify the source of the gas, such as “purchased” (pipeline), “production” (includes purchases from local producers), “storage withdrawal,” “propane/air,” and “unaccounted for.”

RESPONSE:

See attached schedule.

Philadelphia Gas Works' Base Rate Filing

ExhA-IV.B.14

Gas Deliveries

	<u>FY 22</u>	<u>FY 21</u>
	(Mcf)	(Mcf)
NON-HEATING:		
Residential	352,949	369,380
Residential - A/C	-	-
Commercial	881,877	946,510
Commercial - A/C	149	114
Industrial	88,853	91,690
Municipal	111,776	93,317
Municipal - A/C	-	-
NGV Firm	7,870	2,997
Total Firm Non-heating	1,443,472	1,504,008
Interruptible-Commercial & Industrial		
3rd Party Sales	-	98,576
LNG-N Sales	902,185	-
Off-System Sales	7,778	-
NGV Stations	-	5
LBS-XL indirect	-	-
LBS-L direct	-	-
LBS-L indirect	-	-
LBS-S indirect	-	-
CG-indirect	408,954	236,601
GTS - retail sales	-	147,441
GTS - Imbalance Sales	-	-
LNG	-	-
Sub total Interruptible	1,318,917	9,497
TOTAL NON-HEATING	2,762,389	492,120
Heating:		
Residential	30,986,382	31,778,265
Residential - A/C	-	-
Commercial	6,034,280	5,720,161
Commercial - A/C	-	-
Industrial	375,597	355,239
Municipal	616,079	511,202
Municipal - A/C	-	-
Housing Authority	485,034	421,768
TED	18,206	10,437
Total Heating	38,515,577	38,797,073
FT Non-heating:		
FT Residential	25,470	26,056
FT Commercial	427,932	404,446
FT Industrial	152,518	140,999
FT Municipal	32,187	48,205
FT NGV	9,927	-
Sub-total FT Non Heat	648,034	619,706
FT Heating:		
FT Residential	1,465,774	1,468,310
FT Commercial	3,069,723	3,025,909
FT Industrial	241,698	224,980
FT Municipal	293,464	355,354
FT Housing Authority	-	73,254
Sub-total FT heating	5,070,660	5,147,806
Total Firm Transportation	5,718,694	5,767,512
Unbilled adjustment	(50,812)	54,480
(+) Utility Use	300,196	296,018
Gas transportation	25,171,567	24,872,833
Total Delivered	71,507,649	71,784,043
Unaccounted for	1,557,842	1,202,717
Total Delivered	73,065,491	72,986,760

Gas Sources

Storage Withdrawals	10,307,572	10,520,673
LNG Vaporization	3,106,204	1,293,188
Gas Transport	25,457,155	25,185,929
Pipeline	34,194,560	35,986,970
TOTAL SOURCES	73,065,491	72,986,760

52 Pa. Code § 53.62

§ 53.62. Additional information to be filed by gas utilities with gross annual intrastate operating revenues in excess of \$40 million seeking a change in base rates.

In addition to information otherwise required to be filed by a jurisdictional natural gas distributor with gross intrastate annual operating revenues in excess of \$40 million seeking a change in its base rates, each gas utility shall also file updates to the information required by § 53.64(c) (relating to filing requirements for natural gas distributors with gross intrastate annual operating revenues in excess of \$40 million). In the case of a gas utility purchasing gas as defined at § 53.61(a) (relating to purpose) from an affiliated interest, it shall also file updates to the information required at § 53.65 (relating to special provisions relating to natural gas distributors with gross intrastate annual operating revenues in excess of \$40 million with affiliated interests). These updates shall be made at the time the base rate case under 66 Pa.C.S. § 1308 (relating to voluntary changes in rates) is originally filed. Deficiencies in filing will be treated as set forth at § 53.51(c) (relating to general).

RESPONSE:

PGW hereby incorporates by reference its 2021-2022 1307(f) case, Docket No. R-2021-3023970, comprised of its exhibits and testimony filed on February 1, 2021, and March 1, 2021, with rates effective through August 2022.

PGW hereby incorporates by reference its 2022-2023 1307(f) case, Docket No. Docket R-2022-3030686, comprised of its exhibits and testimony filed on February 1, 2022, and March 1, 2022, with rates effective through August 2023.

PGW hereby incorporates by reference its 2023-2024 1307(f) case, Docket No. R-2023-3038069, comprised of its exhibits and testimony filed on February 1, 2023, and (to be filed on) March 1, 2023, with rates to be effective from September 1, 2023, through August 31, 2024.

Copies of the filings can be provided upon request.

Additionally, attached are the most recent quarterly 1307(f) and DSIC filings:

- o 1307(f) Quarter Filing – December 1, 2022
- o DSIC Quarterly Filing – January 1, 2023

Philadelphia Gas Works' Base Rate Filing

Craig Berry, Senior Attorney
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November 30, 2022

Via E-Filing Only

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: PUC v. Philadelphia Gas Works (1st Quarter 2022-2023 GCR in Docket Number R-2022-3030686)

Dear Secretary Chiavetta:

Enclosed please find the following tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 157;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 103; and
- 3) Supporting Schedules for PGW's 1st Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 1st Quarter 2022-2023 GCR consistent with the Commission's Order entered July 14, 2022, at Docket No. R-2022-3030686 approving PGW's 2022-2023 Gas Cost Rate. The tariff supplements are to become effective on December 1, 2022.

Respectfully,

/s/ Craig W. Berry
Craig W. Berry, Esquire

Enclosure

cc: Certificate of Service (email only)

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's 1st Quarter 2022-2023 GCR upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

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Dated: November 30, 2022

/s/ Craig W. Berry
Craig W. Berry, Esq.

**PGW
Gas Service Tariff
Pa. P.U.C. No. 2**

Supplement No. 157

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Seth Shapiro
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective December 1, 2022 in accordance with
the Commission's Order entered July 14, 2022 at Docket No. R-2022-3030696
approving PGW's 2022-2023 Gas Cost Rate

List of Changes Made by this Tariff Supplement

TABLE OF CONTENTS (PAGE Nos. 6-7)

Updated to reflect revised page numbers for each of the changes listed below on this page

UNACCOUNTED FOR GAS – SECTION 1307f, II DEFINITIONS (PAGE No. 14)

In the definition of Unaccounted for Gas, the Lost and Unaccounted for Gas and Retainage percentage effective December 1, 2022 increases from 2.3% to 2.4%.

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE No. 67)

In the definition of “GAC,” the GAC value effective December 1, 2022, has no change and remains \$0.01366 per Ccf.

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE No. 67A)

In the definition of “IRC,” the IRC value effective December 1, 2022 is \$0.00101 per Ccf. In the definition of “SSC,” the SSC value effective December 1, 2022, decreases from \$0.91655 per Ccf to \$0.78977.

GAS COST RATE (GCR) – SECTION 1307f, III COMPUTATION OF GCR (PAGE No. 68)

The Gas Cost Rate (GCR) effective December 1, 2022 decreases from \$0.86371 per Ccf to \$0.80242 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective December 1, 2022 are: (a) \$0.83648 per Ccf for Residential (GS-RES); (b) \$0.83648 per Ccf for Public Housing Customers (GS-PH); (c) \$0.81473 per Ccf for Commercial (GS-COM); (d) \$0.81080 per Ccf for Industrial (GS-IND); (e) \$0.80743 per Ccf for Municipal Service (MS); (f) \$0.80743 per Ccf for Philadelphia Housing Authority (PHA); and (g) \$0.80743 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective December 1, 2022 are: (a) \$0.00125 per Ccf for Residential and Public Housing Customers on Rate GS; (b) \$0.00410 per Ccf for Commercial Customers on Rate GS; (c) \$(0.00056) per Ccf for Industrial Customers on Rate GS; and, (d) \$0.00410 per Ccf for The Philadelphia Housing Authority on Rate PHA.

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE (PAGE No. 81)

The Universal Service and Energy Conservation Surcharge effective December 1, 2022 decreases from \$0.18920 per Ccf to \$0.17354 per Ccf.

GENERAL SERVICE – RATE GS (PAGE No. 83); MUNICIPAL SERVICE – RATE MS (PAGE No. 87); PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (PAGE No. 90); and, DEVELOPMENTAL NATURAL GAS VEHICLE SVC - RATE NGVS FIRM SERVICE (Page No. 135)

The Gas Cost Rate (GCR) effective December 1, 2022 decreases from \$0.86371 per Ccf to \$0.80242 per Ccf.

Philadelphia Gas Works' Base Rate Filing

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff_____	One Hundred Forty Eighth Revised 2
Description of Territory Served_____	5
Table of Contents_____	One Hundred Forty Seventh Revised 6
Definitions_____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Gas Service Tariff_____	First Revised 15
2. Application and Contract for Gas Service_____	Sixth Revised 17
3. Credit and Deposit_____	Third Revised 21
4. Billing and Payment_____	Second Revised 26
5. Termination and/or Discontinuance of Gas Service_____	Second Revised 30
6. Termination of Service for Safety Reasons and Curtailment of Service/ Service Continuity_____	First Revised 38
7. Inquiry, Review, Dispute, and Appeals Process_____	First Revised 41
8. Customer's Responsibility for Company's Property_____	First Revised 44
9. Conditions of Service, Point of Delivery, and Application of Rates_____	Third Revised 47
10. Extensions and Rights-Of-Way_____	First Revised 50
11. Meters: Measurements, Readings, Errors, and Tests_____	First Revised 53
12. Service Charges and Miscellaneous Fees and Provisions_____	Second Revised 57
13. Universal Service And Energy Conservation Programs_____	Second Revised 59
14. Gas Choice Enrollment and Switching_____	First Revised 63
15. Supplier of Last Resort_____	First Revised 63

Philadelphia Gas Works' Base Rate Filing

	<u>Page Number</u>
RATES (Cover Page) _____	66
Gas Cost Rate _____	Ninety Third Revised 67
Revenue Reconciliation Adjustment (RAA) Rider _____	70
Senior Citizen Discount _____	First Revised 72
Exit Fee Rider _____	77
Merchant Function & Gas Procurement Charges; Price to Compare _____	Fiftieth Revised 78
Efficiency Cost Recovery Mechanism _____	Sixty First Revised 80
Universal Services Surcharge _____	Ninety Sixth Revised 81
Other Post Employment Benefit Surcharge _____	Nineteenth Revised 82
General Service – Rate GS _____	One Hundred Eighth Revised 83
Municipal Service – Rate MS _____	One Hundred Eighth Revised 87
Philadelphia Housing Authority Service – Rate PHA _____	One Hundred Eighth Revised 90
Daily Balancing Service – Rate DB _____	101
Interruptible Transportation Service – Rate IT _____	111
Gas Transportation Service – Rate GTS – Firm Service _____	First Revised 118
Gas Transportation Service – Rate GTS – Interruptible _____	124
Cogeneration Service – Rate CG _____	Fifth Revised 131
Developmental Natural Gas Vehicle Service – Rate NGVS Firm Service _____	Seventy Sixth Revised 135
Developmental Natural Gas Vehicle Service – Rate NGVS Interruptible Service _____	139
SPECIAL PROVISION – Air Conditioning Rider _____	143
SPECIAL PROVISION – Compressed Natural Gas Rider _____	145
SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider _____	147
Weather Normalization Adjustment Clause _____	Sixth Revised 149
Distribution System Improvement Charge _____	Twenty Fourth Revised 151
Backup Service – Rate BUS _____	First Revised 154
Technology and Economic Development Rider and Micro-Combined Heat and Power Incentives _____	First Revised 155
Negotiated Liquefied Natural Gas Service – Rate LNG-N _____	First Revised 156

Philadelphia Gas Works' Base Rate Filing

UNACCOUNTED FOR GAS (for the purpose of calculating retainage) – Unaccounted for gas is the difference in the amount of gas delivered to the Company's distribution system and the amount billed to customers. The current Lost and Unaccounted for Gas and Retainage Rate percentage is 2.4%. The percentage changes annually on December 1st and is based upon actual data for the preceding 12 months ending August 31st.

(I)

(I) - Increase

GAS COST RATE (GCR) -- SECTION 1307(f)

I. PROVISION FOR ADJUSTMENT

The Gas Cost Rate shall be applied to each Mcf (1,000 cubic feet) for Firm Retail Sales Service Gas supplied under Rates Schedules GS, MS, PHA, and NGVS-Firm, except for Gas usage under the Special Provisions – Air Conditioning of those rates calculated in a manner set forth below, pursuant to 66 Pa.C.S. §1307(f). Such rates for Firm Sales Service Gas may be increased or decreased from time to time under the procedures set forth in Section II.B. below to reflect changes in the level of Gas costs incurred or projected to be incurred by PGW related to Sales Service.

II. DEFINITIONS

C - The current cost of Natural Gas and other raw materials determined as follows: (a) for all types of Gas, project the cost for each purchase (adjusted for net current Gas stored) for the computation year plus (b) the of (1) the projected book value of non-current Gas at the beginning of the computation year minus (2) the projected book value of non-current Gas at the end of the computation year. In addition to any cost authorized by the Commission, the cost of Natural Gas may include any item included in the definition of Natural Gas costs set forth in 66 Pa.C.S. § 1307(h) ("Definition"). The Factor "C" includes two components -- Commodity Costs and Demand Costs which are defined as follows: Commodity Costs - the actual cost of natural gas and purchased electric for firm customers that does not include the fixed costs associated with the transportation and storage of natural gas; and Demand Costs - the fixed costs associated with the transportation and storage of natural gas for firm customers.

Effective 9/1/08, 75% of off system sales margin and capacity release credits will be allocated to the Factor "C" and 25% to the Company. Effective 9/1/09, 75% of storage asset management fees will be allocated to the Factor "C" and 25% to the Company.

Computation Year - The 12-month forecast period as identified in the Company's annual 1307(f) filing and each quarterly GCR filing.

E - Experienced net over billing (or under billing) of the cost of Natural Gas and other raw materials applicable to the GCR reported in the most recent Section 1307(f) proceeding. Such over billings (or under billings) will be made with interest at the rate and method set forth by the Pennsylvania Public Utility Commission. Additionally, supplier refunds received prior to the end of the August billing period will be included in the Factor "E." The Factor "E" includes two components -- Commodity Costs and Demand Costs which are defined above in the Factor "C" definition. Credit or recovery of the factor "E" is completed over the Company's Fiscal Year.

Firm Sales Service - The service provided to Customers who receive firm supply service from PGW. The term does not include the service provided to Customers who receive interruptible supply service from PGW.

(Gas Adjustment Charge) - The "E" factor component of the GCR, representing the net overcollection or undercollection of Natural Gas and other raw materials costs. The currently effective GAC is \$0.00861 per Ccf for Commodity Costs and \$0.00505 per Ccf for Demand Costs, for service on or after December 1, 2022. The total GAC is \$0.01366 per Ccf.

GCR - Gas Cost Rate determined to the nearest one-hundredth cent (\$0.0001) to be applied to each Mcf of Gas supplied under Rates GS, MS, PHA, and NGVS-Firm, except for Gas usage under the Special Provisions – Air Conditioning of those rates and is equal to the SSC plus the GAC minus the IRC.

(NC) – No Change

(NC)

Philadelphia Gas Works' Base Rate Filing

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00101 per Ccf for service on or after December 1, 2022.

(I)

Natural Gas or Gas - The volumes of gas purchased or manufactured by the Company that is delivered to the Company's Customers, plus such portion of the Company-used and unaccounted-for gas as the Commission permits, including, but not limited to, natural gas, liquefied natural gas, synthetic gas, liquefied propane and naphtha.

S - Projected applicable Mcf of Gas to be billed to Customers during the computation year.

SSC - Sales Service Charge - The purchased Gas costs determined to the nearest $\frac{1}{100}$ of a cent (\$0.0001). The currently effective SSC is \$0.57939 per Ccf for Commodity Costs and \$0.21038 per Ccf for Demand Costs, for service on or after December 1, 2022. The total SSC is \$0.78977 per Ccf.

(D)

(I) – Increase, (D) – Decrease

Philadelphia Gas Works' Base Rate Filing

III. COMPUTATION OF GAS COST RATE

A. The GCR shall be computed to the nearest one-thousandth cent (\$0.00001) in accordance with the formula set forth below as the terms are defined in Section II:

$$\begin{aligned} \text{SSC} &= \text{C/S} \\ \text{GAC} &= \text{E/S} \\ \text{GCR} &= \text{SSC} + \text{GAC} - \text{IRC} \end{aligned}$$

B. Each Gas Cost Rate so computed shall be applied to Customers' bills for twelve monthly billing periods commencing with September.

The currently effective Gas Cost Rate is \$0.80242 per Ccf, for service on or after December 1, 2022.

(D)

IV. REPORTING REQUIREMENTS

A. The Company's rates are subject to quarterly adjustments for recovery of the Gas Cost Rate under procedures set forth in Section 1307(f) of the Public Utility Code.

B. The filing of the Company's annual Section 1307(f) filing, annual Gas Cost Rate, effective during the billing period of September through August, shall be submitted to the Commission by March 1 of each year, with a February 1 pre-filing date.

C. The application of the Gas Cost Rate shall be subject to review and audit by the Commission at such intervals as the Commission shall determine.

D. If it shall be determined, from audit by the Commission, or by final order entered after notice and hearing, that the application of this clause has resulted in the overcollection or undercollection of revenues, then the Company shall apply such over/undercollection as a credit or debit against future Gas Cost Rates.

V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

The computation of the Gas Cost Rate may include such Non-Gas expenses as may be authorized by this tariff and annually authorized by the Commission.

VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

A. The GCR rate shall be credited with an Interruptible Revenue Credit (IRC) equal to the margin realized from interruptible sales under PGW's Interruptible Sales Tariff Rates: BPS, LBS; and CG (Total Margin Revenue).

B. The IRC shall be set each year in the Company's 1307(f) proceeding to reflect the Total Margin Revenue. The rate per Mcf shall be calculated by dividing the Total Margin Revenue by total applicable firm sales. For the period September 1, 2003 through August 31, 2004 the IRC shall be initially set to reflect the Total Margin Revenue authorized by the Commission in its final order at M-000216'12 (entered March 31, 2003).

(D) – Decrease

MERCHANT FUNCTION CHARGE (“MFC”)

The MFC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The MFC is based on Gas Cost Rate multiplied by a fixed uncollectible percentage established in the Company’s last general base rate proceeding. The MFC will not be reconciled to reflect actual results. The MFC is intended to make the Company’s Price to Compare more comparable to the gas supply services price offers of other Natural Gas Suppliers that presumably reflect anticipated uncollectible expenses. The following percentages will be applied to the quarterly Gas Cost Rate in order to calculate the quarterly MFC: 3.62% - GS Residential (“GS RES”); 3.62% - GS Public Housing (“GS PHA”); 0.91% - GS Commercial (“GS COM”); and 0.42% - GS Industrial (“GS IND”). The current MFC is set forth below in the Price to Compare table.

GAS PROCUREMENT CHARGE (“GPC”)

The GPC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The GPC will remain in effect until reviewed and updated in the Company’s next general base rate proceeding.

Current Gas Procurement Charge = \$0.00400/Ccf

PRICE TO COMPARE (“PTC”)

The PTC is composed of the Sales Service Charge (“SSC”), Gas Adjustment Charge (“GAC”), the Merchant Function Charge and the Gas Procurement Charge. The PTC will change whenever any of the components of the PTC change. The current PTC is (per Ccf):

	GS-RES	GS-PH	GS-COM	GS-IND	MS	PHA	NGVS	
SSC	\$0.78977	\$0.78977	\$0.78977	\$0.78977	\$0.78977	\$0.78977	\$0.78977	(C)
GAC	\$0.01366	\$0.01366	\$0.01366	\$0.01366	\$0.01366	\$0.01366	\$0.01366	(C)
MFC	\$0.02905	\$0.02905	\$0.00730	\$0.00337	\$0.00000	\$0.00000	\$0.00000	(C)
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	(C)
PTC	\$0.83648	\$0.83648	\$0.81473	\$0.81080	\$0.80743	\$0.80743	\$0.80743	(C)

(C) – Change

EFFICIENCY COST RECOVERY SURCHARGE

The cost of the energy efficiency programs (i.e. the demand side management programs) for the firm customer rate classes listed below will be recovered by an Efficiency Cost Recovery Surcharge applicable to all volumes of Gas delivered.

- 1) The Surcharge will recover the program costs and the administrative costs of the energy efficiency program.
- 2) Computation of the Efficiency Cost Recovery Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307(f) of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
- 3) Once the surcharge is in place, it will be automatically adjusted effective March 1, June 1, September 1, and December 1 of each year in accordance with Section 1307(f) quarterly adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the total energy efficiency program costs approved for annual recovery plus (or minus) any over (or under) recovery from the prior period by the estimated applicable throughput in Mcfs. The costs related to customers other than low income residential customers are tracked and will be recovered separately from each of the following firm customer rate classes if the customer class is served by the energy efficiency program:
 - a) Residential and Public Housing Customers on Rate GS;
 - b) Commercial Customers on Rate GS;
 - c) Industrial Customers on Rate GS;
 - d) Municipal Customers on Rate MS; and
 - e) The Philadelphia Housing Authority on Rate PHA.

The surcharge shall be a cents per Ccf charge calculated to the nearest one-thousandth of a cent (0.00001) which shall be added to the distribution rates for billing purposes for all customers in each of the above rate classes. The rate shall be calculated separately for each rate class as follows:

- a) \$0.00125 per Ccf for Residential and Public Housing Customers on Rate GS;
- b) \$0.00410 per Ccf for Commercial Customers on Rate GS;
- c) \$(0.00056) per Ccf for Industrial Customers on Rate GS;
- d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and
- e) \$0.00410 per Ccf for The Philadelphia Housing Authority on Rate PHA.

(D)
(I)
(D)
(NC)
(I)

The Enhanced Low Income Retrofit Program costs shall be recovered through the Universal Services Surcharge beginning on September 1, 2010.

(D) – Decrease; (I) – Increase; (NC) – No Change

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE

Universal service and energy conservation program and related costs will be recovered by a Universal Service and Energy Conservation Surcharge applicable to all volumes of Gas delivered.

1. The Surcharge will recover: 1) the discounts provided to Customers pursuant to the Customer Responsibility Program (CRP); 2) the discounts provided to Customers pursuant to the Senior Citizen Discount; 3) the costs of PGW's Low Income Usage Reduction Program (LIRUP), known as the Home Comfort Program (previously known as the Conservation Works Program (CWP), the Enhanced Low Income Retrofit Program (ELIRP) and the CRP Home Comfort Program); 4) the costs of the pilot Conservation Incentive Credit program; and, 5) for Customers entering the CRP program on or after September 1, 2003, past due arrearages forgiven pursuant to paragraph A (6) of the CRP/CAP Program Design Stipulation approved by the Commission by its order at M-00021612 (entered March 31, 2003).
2. Computation of the Universal Service and Energy Conservation Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307(f) of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
3. Once the surcharge is in place it will be automatically adjusted effective March 1, June 1, September 1, and December 1 of each year in accordance with Section 1307(f) quarterly adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the total universal service and energy conservation program costs approved for annual recovery by the estimated applicable throughput in Mcfs.
4. The Universal Service and Energy Conservation Surcharge shall take effect upon the effective date of this Tariff.

Current Universal Service and Energy Conservation Surcharge = \$0.17354/Ccf.

(D)

(D) – Decrease

Philadelphia Gas Works' Base Rate Filing

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after December 1, 2022. **(C)**

AVAILABILITY

Available for any purpose where the Company's distribution mains adjacent to the proposed Gas Service location are, or can economically be made, suitable to supply the quantities of Gas or Transportation Services required. Not available for back-up service, refer to Rate BUS.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters)):

\$ 14.90 per month for Residential and Public Housing Authority Customers.
\$ 25.35 per month for Commercial Customers
\$ 75.90 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to GS Customers who transport gas through a qualified NGS):

\$0.80242 per Ccf for Residential and Public Housing **(D)**
\$0.80242 per Ccf for Commercial Customers **(D)**
\$0.80242 per Ccf for Industrial Customers **(D)**

Plus,

DISTRIBUTION CHARGE (consisting of items (A) and (B), below):

(A) Delivery Charge:

\$0.72955 per Ccf for Residential
\$0.65393 per Ccf for Public Housing
\$0.51908 per Ccf for Commercial Customers
\$0.51668 per Ccf for Industrial Customers

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; Restructuring and Consumer Education Surcharge; Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease; (C) - Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after December 1, 2022.

(C)

AVAILABILITY

Available to properties owned or occupied by the City of Philadelphia or the Board of Education, or any of their respective agencies or instrumentalities, for any type of Gas Service, unless purchased for resale to others, and where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required; provided, however, that the rate shall not be available to Commercial Tenants of any such property.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters):

\$ 25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to MS Customers who transport Gas through a qualified NGS):

\$0.80242 per Ccf

(D)

Plus,

DISTRIBUTION CHARGE (consisting of items (A) and (B), below):

(A) Delivery Charge:

\$0.47765 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) – Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after December 1, 2022.

(C)

AVAILABILITY

Available for all Gas usage in multiple dwelling Residential buildings containing 10 or more dwelling units, owned and operated by the Philadelphia Housing Authority, where cooking shall be performed exclusively with Gas and where Gas Service shall be supplied through one or more single point metering arrangements at locations where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required.

This rate is also available for all Gas usage in single and multiple dwelling Residential buildings, containing less than 10 dwelling units, provided, and only so long as, Gas is used exclusively for cooking, water heating and space heating for all such Residential buildings owned and operated by the Philadelphia Housing Authority, except (a) buildings operated by the Philadelphia Housing Authority, prior to the original effective date of this rate (January 1, 1969), and (b) buildings for which, in the judgment of the Company, such Gas Service cannot be provided economically.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters);

\$25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to PHA customers who transport gas through a qualified NGS):

\$0.80242 per Ccf

(D)

Plus

DISTRIBUTION CHARGE (consisting of item (A) and (B), below):

(A) Delivery Charge:

\$0.54534 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) – Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

**DEVELOPMENTAL NATURAL GAS VEHICLE SERVICE - RATE NGVS
FIRM SERVICE**

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after
December 1, 2022.

(C)

AVAILABILITY

This service is available to provide uncompressed Natural Gas to any Customer for the exclusive purpose of compressing such Gas for use as fuel for motor vehicles. The compression of the Natural Gas to the pressure required for use as a motor vehicle fuel will be conducted by the Customer, at the Customer's designated premises. Service shall only be available where the Company's distribution system is, or can economically be made available to supply the service. Each Customer will be required to execute a service agreement which will specify terms and conditions of service.

CHARACTER OF SERVICE

Service under this rate schedule is firm and shall only be interrupted in the case of operating emergencies experienced by the Company.

MONTHLY RATE

CUSTOMER CHARGE:

\$35.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to NGVS customers who transport gas through a qualified NGS):

\$0.80242 per Ccf

(D)

Plus

DISTRIBUTION CHARGE (consisting of item (A) and (B), below):

(A) Delivery Charge (Updated in Supplement No. 65 – Issued: July 10, 2013; Effective: October 1, 2013):

\$0.12833 per Ccf

(B) Surcharges:

Universal Service and Energy Conversation Surcharge; The Restructuring and Consumer Education Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) - Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

PGW
Gas Supplier Tariff
Pa. P.U.C. No. 1

Supplement No. 103

PHILADELPHIA GAS WORKS
GAS SUPPLIER TARIFF



Issued by: Seth Shapiro
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective December 1, 2022 in accordance with
the Commission's Order entered July 14, 2022 at Docket No. R-2022-3030696
approving PGW's 2022-2023 Gas Cost Rate

List of Changes Made by this Tariff

TABLE OF CONTENTS (Page No. 6)

Updated to reflect revised page numbers.

9.14. LOAD BALANCING CHARGE, 9.14.A. (Page No. 39)

The load balancing charge effective December 1, 2022, is \$64.6141 per design day Mcf.

Philadelphia Gas Works' Base Rate Filing

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	One Hundred First Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Ninety Ninth Revised 6
Table of Contents (continued) _____	7
Definitions _____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Supplier Tariff _____	14
2. Availability _____	16
3. Character of Service _____	18
4. Supplier Qualification _____	20
5. Customer List _____	First Revised 23
6. Supplier Selection Procedures _____	First Revised 26
7. Supplier Obligations _____	First Revised 29
8. Operational Requirements _____	33
9. Special Provisions _____	37
10. Nomination Procedure _____	42
11. Financial Security _____	44
12. Supplier Billing and Payment _____	First Revised 46
13. Supplier Exit Procedures _____	First Revised 52
14. Breach of Obligations _____	57
15. Standards of Conduct _____	60

Philadelphia Gas Works' Base Rate Filing

9.14. LOAD BALANCING CHARGE.

9.14.A. Suppliers for all gas delivered under Firm Transportation Rates, of this Suppliers Tariff shall be charged at \$64.6141 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures.

(D)

9.14.B. Computation of Balancing Service Costs per Dth.

9.14.B.1. Formula. Balancing Service Costs, per design day Mcf, that is fulfilled by PGW storage and peaking assets, shall be computed to the nearest one-hundredth cent (\$0.0001) in accordance with the formula set forth below:

$$\text{BSC} = (C / S_1) - (E / S_2)$$

Projected Balancing Service Costs, so computed, shall be charged to Suppliers of Firm Transportation Rates per Customer per design day Mcf that is fulfilled by PGW storage and peaking assets, for an enrollment month. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the PUC's regulations adopted pursuant thereto.

9.14.B.2. Definitions. In computing the Balancing Service Costs, per Dth, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (\$0.0001) to be charged to each design day Mcf that is fulfilled by PGW storage and peaking assets, under Rate Schedule Firm.

"C" - Cost in dollars: for all types of storage and related services, the fixed and variable costs for the projected period when rates will be in effect.

"E" - the net overcollection or undercollection of Balancing Service Costs. The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the PUC for the Company's Section 1307(f) Tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate. Interest shall be computed monthly at the rate as provided for in Section 1307(f) of the Public Utility Code from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. Such over billings (or under billings) will be made with interest at the statutory rate.

"S₁" – projected Mcf of storage gas/LNG to be delivered to Customers to meet design day needs during the projected period when rates will be in effect.

"S₂" – forecasted Mcf of load balancing volumes during the projected period when rates will be in effect.

(D) – Decrease

Supporting Schedules
December 1, 2022
1st QUARTER
GCR FILING

Philadelphia Gas Works' Base Rate Filing

December 1, 2022

1st QUARTER GCR FILING

TABLE OF CONTENTS

Levelized Gas Cost Rate	Schedule 1
Price to Compare (\$/MCF)	Schedule 1(a)
Sales & Volumes	Schedule 2
Projected Applicable Fuel Expense	Schedule 3
Interruptible Revenue Credit (“IRC”) - December 1, 2022	Schedule 4(a)
Interruptible Revenue Margin – December 2022 through November 2023	Schedule 4(b)
IRC Final Reconciliation - Fiscal Year 2022	Schedule 4(c)
Interest Calculation - Fiscal Year 2022	Schedule 5(a)
Interest on Natural Gas Refunds - Fiscal Year 2022	Schedule 5(b)
Demand and Commodity Interest Calculation - Fiscal Year 2022	Schedule 5(c)
Actual Data – Fiscal Year 2022.....	Schedule 6(a)
Fiscal Year 2022 C-Factor Reconciliation	Schedule 6(b)
Fiscal Year 2022 E-Factor Reconciliation	Schedule 6(c)
Fiscal Year 2022 IRC Factor Revenue Billed	Schedule 6(d)
Fiscal Year 2022 Reconciliation of Demand Charges	Schedule 6(e)
Actual/ Estimated Data - Fiscal Year 2023	Schedule 7(a)
Fiscal Year 2023 C-Factor Reconciliation	Schedule 7(b)
Fiscal Year 2023 E-Factor Reconciliation	Schedule 7(c)
Fiscal Year 2023 IRC Factor Revenue Billed	Schedule 7(d)
Fiscal Year 2023 Reconciliation of Demand Charges	Schedule 7(e)
Calculation of Recovered Charges	Schedule 8
Changes in Rates	Schedule 9
Universal Service & Energy Conservation Surcharge (“USC”) – December 1, 2022	Schedule 10

Philadelphia Gas Works' Base Rate Filing

TABLE OF CONTENTS

USC Statement of Reconciliation - September 2022 Through November 2022	Schedule 11
USC Statement of Reconciliation - Fiscal Year 2022	Schedule 12
Efficient Cost Recovery (“ECR”) Surcharge - December 1, 2022	Schedule 13(a)
ECR Surcharge Statement of Reconciliation - Fiscal Year 2023	Schedule 13(b)
ECR Surcharge Statement of Reconciliation - Fiscal Year 2022.....	Schedule 13(c)
Load Balancing Charge - December 1, 2022	Schedule 14
Projected Unaccounted for Factor and Retainage Rate - December 1, 2022	Schedule 15
Natural Gas Prices	Schedule 16
Actual Natural Gas Billed	Schedule 17
Summary of Fuels Purchased	Schedule 18

Philadelphia Gas Works

Levelized Gas Cost Rate

December 1, 2022

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,519,256	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 77,143,562	\$ 240,543,781	\$ 317,687,343	
Purchased Electric & Misc Expenses	\$ -	\$ 519,035	\$ 519,035	
Total Natural Gas Expense	\$ 77,143,562	\$ 241,062,816	\$ 318,206,378	Schedule 3
C-Factor Reconciliation	\$ 11,286,275	\$ 2,469,689	\$ 13,755,964	Schedule 7(b)
C = Total Applicable GCR Expense	\$ 88,429,837	\$ 243,532,505	\$ 331,962,342	
SSC = C / S	\$ 2.1299	\$ 5.8655	\$ 7.9954	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			41,519,256	
E-Factor Reconciliation	\$ 2,096,723	\$ 3,576,230	\$ 5,672,953	Schedule 7(c)
	\$ 2,096,723	\$ 3,576,230	\$ 5,672,953	
E = E-Factor	\$ 0.0505	\$ 0.0861	\$ 0.1366	
<hr/>				
Interruptible Revenue Credit			\$ 418,307	Schedule 4(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0101	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 337,216,989	
<u>GCR = SSC + GAC - IRC</u>			\$ 8.1220	
<hr/>				
SSC in effect 12/01/22	\$ 2.1038	\$ 5.7939	\$ 7.8977	
GAC in effect 12/01/22	\$ 0.0505	\$ 0.0861	\$ 0.1366	
IRC in effect 12/01/22			\$ (0.0101)	
GCR in effect 12/01/22			\$ 8.0242	Schedule 8
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,519,256	
= GCR Projected Recovery			\$ 334,718,648	
= Load Balancing Revenue			\$ 2,453,018	
= LNG Sales Demand Revenue			\$ 42,598	
= Total Projected Recovery			\$ 337,214,263	Schedule 8
Compared To				
Net Applicable GCR Expenses			\$ 337,216,989	
= Net Over/(Under) Recovery			\$ (2,725)	
<hr/>				
Degree Days			3,923	

Philadelphia Gas Works' Base Rate Filing

Schedule 1(a)

Philadelphia Gas Works

Price To Compare (\$ / MCF)

December 1, 2022

	GCR	GCA	SSC	MFC	MFC Charge	GPC Charge	GAC	Price to Compare
	1	2	3 = (1 - 2)	4	5 = (1 * 4)	6	7	8 = (3 + 5 + 6 + 7)
Residential GS	\$8.0242	\$0.12650	\$7.8977	3.62%	\$0.2905	\$0.0400	\$0.1366	\$8.3648
Commercial GS	\$8.0242	\$0.12650	\$7.8977	0.91%	\$0.0730	\$0.0400	\$0.1366	\$8.1473
Industrial GS	\$8.0242	\$0.12650	\$7.8977	0.42%	\$0.0337	\$0.0400	\$0.1366	\$8.1080
Phila. Housing Authority (PHA)	\$8.0242	\$0.12650	\$7.8977	0.00%	\$0.0000	\$0.0400	\$0.1366	\$8.0743
Municipal (MS)	\$8.0242	\$0.12650	\$7.8977	0.00%	\$0.0000	\$0.0400	\$0.1366	\$8.0743
NGV Firm	\$8.0242	\$0.12650	\$7.8977	0.00%	\$0.0000	\$0.0400	\$0.1366	\$8.0743
Phila. Housing Authority (GS)	\$8.0242	\$0.12650	\$7.8977	3.62%	\$0.2905	\$0.0400	\$0.1366	\$8.3648

Philadelphia Gas Works' Base Rate Filing

SALES & VOLUMES

DECEMBER 2022 THROUGH NOVEMBER 2023

MONTH		TOTAL	FIRM	BILLED	INTERRUPTIBLE	LNG	AIR	GCR FIRM	SENIOR	APPLICABLE
		VOLUMES	TRANSPORT	SALES	SALES	SALES	CONDITIONING	SALES	CITIZEN	VOLUMES
		1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
DECEMBER	2022	5,909,099	783,609	5,125,490	33,631	1,851	-	5,090,008	14,242	5,859,375
JANUARY	2023	10,604,767	1,308,644	9,296,123	33,631	1,851	-	9,260,641	26,878	10,542,407
FEBRUARY		9,010,469	1,115,223	7,895,246	30,376	1,672	-	7,863,197	22,527	8,955,894
MARCH		6,858,662	865,309	5,993,353	33,631	1,851	-	5,957,871	16,575	6,806,604
APRIL		4,579,534	564,987	4,014,547	32,546	1,791	-	3,980,210	10,842	4,534,355
MAY		2,113,252	281,213	1,832,040	33,631	1,851	-	1,796,558	4,343	2,073,427
JUNE		1,304,457	194,749	1,109,708	32,546	1,791	67	1,075,303	2,084	1,267,969
JULY		1,140,448	172,507	967,941	33,631	1,851	30	932,429	1,741	1,103,196
AUGUST		1,087,240	164,823	922,417	33,631	1,851	-	886,935	1,639	1,050,119
SEPTEMBER		1,059,273	161,566	897,707	32,457	1,639	23	863,587	1,575	1,023,578
OCTOBER		1,402,302	223,450	1,178,852	33,539	1,694	-	1,143,619	2,162	1,364,907
NOVEMBER		<u>3,152,918</u>	<u>449,925</u>	<u>2,702,993</u>	<u>32,457</u>	<u>1,639</u>	<u>-</u>	<u>2,668,896</u>	<u>6,081</u>	<u>3,112,740</u>
TOTAL		48,222,421	6,286,005	41,936,416	395,709	21,331	120	41,519,256	110,690	47,694,571

Philadelphia Gas Works' Base Rate Filing
Projected Applicable Fuel Expense
SUMMARY
FY22-23 1st Quarter Filing

	DECEMBER 2022	JANUARY 2023	FEBRUARY 2023	MARCH 2023	APRIL 2023	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 7,266,167	\$ 7,264,817	\$ 7,309,134	\$ 7,201,317	\$ 5,805,699	\$ 5,742,745	\$ 5,804,079	\$ 5,741,350	\$ 5,740,629	\$ 6,140,310	\$ 6,088,816	\$ 7,038,500	\$ 77,143,562
COMMODITY CHARGE	\$ 27,126,592	\$ 29,548,588	\$ 26,056,583	\$ 21,921,316	\$ 19,680,200	\$ 18,711,830	\$ 14,913,043	\$ 13,475,275	\$ 14,751,016	\$ 13,429,357	\$ 17,356,880	\$ 11,556,940	\$ 228,527,620
TOTAL NATURAL GAS BILLED	\$ 34,392,759	\$ 36,813,405	\$ 33,365,717	\$ 29,122,632	\$ 25,485,899	\$ 24,454,575	\$ 20,717,122	\$ 19,216,625	\$ 20,491,645	\$ 19,569,667	\$ 23,445,696	\$ 18,595,440	\$ 305,671,181
INTERRUPTIBLE & A/C CREDIT	\$ 211,725	\$ 216,200	\$ 191,764	\$ 197,360	\$ 162,126	\$ 159,657	\$ 152,405	\$ 159,560	\$ 159,805	\$ 152,819	\$ 166,713	\$ 172,391	\$ 2,102,525
SENDOUT VOLUME IN MCF	34,458	34,458	31,123	34,458	33,347	34,458	33,415	34,489	34,458	33,279	34,364	33,255	405,562
DKT CONVERSION FACTOR	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	
PRICE \$/DKT	\$ 5.9424	\$ 6.0680	\$ 5.9588	\$ 5.5392	\$ 4.7020	\$ 4.4810	\$ 4.4110	\$ 4.4743	\$ 4.4852	\$ 4.4411	\$ 4.6919	\$ 5.0134	
GAS USED FOR UTILITY	\$ 247,085	\$ 308,453	\$ 304,546	\$ 180,974	\$ 112,676	\$ 63,272	\$ 34,958	\$ 28,674	\$ 32,952	\$ 36,434	\$ 49,075	\$ 130,165	\$ 1,529,263
NATURAL GAS TO STORAGE	\$ (663,936)	\$ -	\$ -	\$ (418,543)	\$ (5,281,640)	\$ (11,809,934)	\$ (11,005,273)	\$ (9,397,336)	\$ (10,674,216)	\$ (9,347,824)	\$ (7,423,421)	\$ (24,543)	\$ (66,046,665)
FROM STORAGE PGW	\$ 17,233,294	\$ 25,052,641	\$ 19,131,958	\$ 12,419,912	\$ 147,715	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,887,264	\$ 84,872,784
FT FROM STORAGE	\$ 1,269,053	\$ 2,042,282	\$ 1,463,849	\$ 437,063	\$ 31,488	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,191	\$ 5,338,926
NET NATURAL GAS STORAGE	\$ 16,569,358	\$ 25,052,641	\$ 19,131,958	\$ 12,001,370	\$ (5,133,924)	\$ (11,809,934)	\$ (11,005,273)	\$ (9,397,336)	\$ (10,674,216)	\$ (9,347,824)	\$ (7,423,421)	\$ 10,862,721	\$ 18,826,119
LNG TO STORAGE	\$ (1,716,957)	\$ (1,303,701)	\$ (1,768,849)	\$ (1,837,947)	\$ (886,974)	\$ (290,974)	\$ -	\$ -	\$ -	\$ -	\$ (585,552)	\$ (2,076,635)	\$ (10,467,588)
FROM LNG PGW	\$ 977,030	\$ 1,689,462	\$ 1,139,597	\$ 396,975	\$ 391,476	\$ 405,047	\$ 392,035	\$ 405,103	\$ 405,103	\$ 391,256	\$ 404,604	\$ 397,220	\$ 7,394,906
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LNG STORAGE	\$ (739,927)	\$ 385,761	\$ (629,251)	\$ (1,440,972)	\$ (495,498)	\$ 114,073	\$ 392,035	\$ 405,103	\$ 405,103	\$ 391,256	\$ (180,949)	\$ (1,679,415)	\$ (3,072,682)
LNG SALES FROM LNG TANK	\$ 7,876	\$ 8,313	\$ 7,849	\$ 9,138	\$ 9,152	\$ 9,485	\$ 9,183	\$ 9,489	\$ 9,489	\$ 8,405	\$ 8,685	\$ 8,425	\$ 105,488
SENDOUT VOLUMES (MCF)	1,851	1,851	1,672	1,851	1,791	1,851	1,791	1,851	1,851	1,639	1,694	1,639	21,331
@ AVG LNG COMMODITY RATE	\$ 4.2556	\$ 4.4915	\$ 4.6951	\$ 4.9376	\$ 5.1098	\$ 5.1248	\$ 5.1271	\$ 5.1271	\$ 5.1271	\$ 5.1271	\$ 5.1271	\$ 5.1391	
NET NATURAL GAS EXPENSE	\$ 49,755,503	\$ 61,718,841	\$ 51,364,265	\$ 39,295,559	\$ 19,572,522	\$ 12,526,301	\$ 9,907,337	\$ 10,026,668	\$ 10,020,286	\$ 10,415,441	\$ 15,616,853	\$ 27,467,767	\$ 317,687,343
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$ 49,755,503	\$ 61,718,841	\$ 51,364,265	\$ 39,295,559	\$ 19,572,522	\$ 12,526,301	\$ 9,907,337	\$ 10,026,668	\$ 10,020,286	\$ 10,415,441	\$ 15,616,853	\$ 27,467,767	\$ 317,687,343
PURCHASED ELECTRIC & MISC	\$ 33,599	\$ 44,990	\$ 40,513	\$ 40,218	\$ 28,933	\$ 25,441	\$ 36,853	\$ 22,778	\$ 33,434	\$ 24,409	\$ 28,784	\$ 34,083	\$ 394,035
PLANALYTICS	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
TOTAL APPLICABLE EXPENSES	\$ 49,789,102	\$ 61,888,831	\$ 51,404,778	\$ 39,335,777	\$ 19,601,455	\$ 12,551,742	\$ 9,944,190	\$ 10,049,446	\$ 10,053,720	\$ 10,439,850	\$ 15,645,637	\$ 27,501,850	\$ 318,206,378
TOTAL GCR FIRM SALES	5,090,008	9,260,641	7,863,197	5,957,871	3,980,210	1,796,558	1,075,303	932,429	886,935	863,587	1,143,619	2,668,896	41,519,256

INTERRUPTIBLE REVENUE CREDIT
December 1, 2022

Fiscal Year 2022 Reconciliation (8/31/22) \$ 138,896

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-22	Actual \$ (7,918)	\$268	
October	Actual \$ (14,750)	\$7,952	
November	Estimated \$ (27,336)	\$24,411	
Act/Est IRC Credit September 2022 to November 2022	<u>\$ (50,004)</u>		
Act/Est Margin September 2022 to November 2022		<u>\$32,631</u>	<u>\$32,631</u>

FY 2022 Reconciliation Plus Act/Est Margin September 2022 to November 2022 \$ 171,528

FY 2022 Reconciliation Plus Act/Est Margin September 2022 to November 2022	\$ 171,528	
Act/Est IRC Credit September 2022 to November 2022	<u>\$ (50,004)</u>	
Reconciliation as of November 30, 2022	\$ 121,524	
Margin - December 2022 through November 2023	<u>\$ 296,783</u>	Schedule 4(b)
December 1, 2022 Interruptible Revenue Credit	\$ 418,307	

GCR Firm Sales **41,519,256** Schedule 2

December 1, 2022 IRC/Mcf \$ 0.0101

INTERRUPTIBLE REVENUE MARGIN
December 1, 2022

<u>MONTH</u>		<u>MARGIN</u>
December-22	Estimated	\$ 25,224
January-23	Estimated	\$ 25,224
February	Estimated	\$ 22,782
March	Estimated	\$ 25,222
April	Estimated	\$ 24,411
May	Estimated	\$ 25,222
June	Estimated	\$ 24,411
July	Estimated	\$ 25,225
August	Estimated	\$ 25,222
September	Estimated	\$ 24,342
October	Estimated	\$ 25,154
November	Estimated	\$ 24,344
Total		\$ <u>296,783</u>

**INTERRUPTIBLE REVENUE CREDIT
FINAL RECONCILIATION FY 2022**

Fiscal Year 2021 Reconciliation (8/31/21)

\$126,169

<u>MONTH</u>		<u>IRC CREDIT</u>		<u>MARGIN</u>	
September-21	Actual	(\$3,865)	\$	23,451	
October	Actual	(\$5,658)	\$	15,490	
November	Actual	(\$16,009)	\$	26,405	
December	Actual	(\$37,810)	\$	33,788	
January-22	Actual	(\$58,156)	\$	28,817	
February	Actual	(\$60,699)	\$	14,406	
March	Actual	(\$43,855)	\$	36,574	
April	Actual	(\$31,257)	\$	20,785	
May	Actual	(\$16,490)	\$	14,820	
June	Actual	(\$9,625)	\$	18,018	
July	Actual	(\$8,017)	\$	29,413	
August	Actual	(\$7,195)	\$	49,396	
Actual IRC Credit September 2021 to August 2022		<u>\$ (298,636)</u>			
Actual Margin September 2021 to August 2022			\$	311,363	\$ 311,363
FY 2021 Reconciliation Plus Actual Margin September 2021 to August 2022					<u>\$ 437,532</u>
FY 2021 Reconciliation Plus Actual Margin September 2021 to August 2022					\$ 437,532
Actual IRC Credit September 2021 to August 2022					<u>\$ (298,636)</u>
Reconciliation as of August 31, 2022					\$ 138,896

Philadelphia Gas Works' Base Rate Filing

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

<u>MONTH</u>	NET COST	TOTAL	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL ⁽¹⁾	C FACTOR	(UNDER)	RATE	FACTOR	EXPENSE	NATURAL GAS	INTEREST
	1	REVENUE	RECOVERY	4	5	6 = (3*4*5)	REFUNDS ⁽²⁾	8 = (6+7)
	(\$)	BILLED ⁽¹⁾	3 = (2 - 1)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 21	\$ 9,170,138	\$ 4,462,198	\$ (4,707,940)	3.25%	18/12	\$ (229,512)	\$ -	\$(229,512)
OCTOBER	\$ 13,088,803	\$ 5,676,445	\$ (7,412,358)	3.25%	17/12	\$ (341,277)	\$ 1,229	\$(340,048)
NOVEMBER	\$ 28,807,921	\$ 15,686,365	\$ (13,121,556)	3.25%	16/12	\$ (568,601)	\$ 9,055	\$(559,546)
DECEMBER	\$ 30,545,364	\$ 33,696,273	\$ 3,150,909	3.25%	15/12	\$ 128,006	\$ -	\$ 128,006
JANUARY 22	\$ 40,605,254	\$ 48,435,104	\$ 7,829,850	3.25%	14/12	\$ 296,882	\$ 17	\$ 296,899
FEBRUARY	\$ 37,800,462	\$ 50,546,720	\$ 12,746,258	3.25%	13/12	\$ 448,775	\$ -	\$ 448,775
MARCH	\$ 30,767,726	\$ 33,799,981	\$ 3,032,254	3.25%	12/12	\$ 98,548	\$ -	\$ 98,548
APRIL	\$ 16,537,542	\$ 22,304,187	\$ 5,766,645	3.25%	11/12	\$ 171,798	\$ -	\$ 171,798
MAY	\$ 16,333,422	\$ 11,868,654	\$ (4,464,769)	3.25%	10/12	\$ (120,921)	\$ -	\$(120,921)
JUNE	\$ 13,474,984	\$ 8,424,066	\$ (5,050,918)	3.25%	9/12	\$ (123,116)	\$ 89	\$(123,027)
JULY	\$ 12,663,812	\$ 8,113,618	\$ (4,550,194)	3.25%	8/12	\$ (98,588)	\$ 5,234	\$ (93,354)
AUGUST	\$ 12,227,979	\$ 7,304,630	\$ (4,923,349)	3.25%	7/12	\$ (93,339)	\$ (223)	\$ (93,562)
Total	\$ 262,023,409	\$ 250,318,241	\$ (11,705,168)			\$ (431,345)	\$ 15,401	\$(415,944)

(1) See Schedule 4(b)

(2) See Schedule 5(c)

FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
INTEREST ON NATURAL GAS REFUNDS

<u>MONTH</u>	NATURAL GAS REFUNDS ⁽¹⁾	INTEREST RATE	TIME FACTOR	INTEREST ON REFUNDS
	1	2	3	4=(1*2*3)
	(\$)			(\$)
SEPTEMBER 21	\$ -	6.00%	18/12	\$ -
OCTOBER	\$ 14,453	6.00%	17/12	\$ 1,229
NOVEMBER	\$ 113,192	6.00%	16/12	\$ 9,055
DECEMBER	\$ -	6.00%	15/12	\$ -
JANUARY 22	\$ 244	6.00%	14/12	\$ 17
FEBRUARY	\$ -	6.00%	13/12	\$ -
MARCH	\$ -	6.00%	12/12	\$ -
APRIL	\$ -	6.00%	11/12	\$ -
MAY	\$ -	6.00%	10/12	\$ -
JUNE	\$ 1,971	6.00%	9/12	\$ 89
JULY	\$ 130,858	6.00%	8/12	\$ 5,234
AUGUST	\$ (6,382)	6.00%	7/12	\$ (223)
TOTAL	\$ 254,336			\$ 15,401

Philadelphia Gas Works' Base Rate Filing

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER)	DEMAND CHARGE	COMMODITY CHARGE	INTEREST	TIME	DEMAND	COMMODITY	TOTAL	INTEREST ON	TOTAL
	RECOVERY (1)	OVER/(UNDER)	OVER/(UNDER)			INTEREST	INTEREST	INTEREST		REFUNDS (3)
	1	2	3=(1-2)	4	5	6=(2*4*5)	7=(3*4*5)	8=(6+7)	9	10=(8+9)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 21	\$ (4,707,940)	\$ (4,297,362)	\$ (410,578)	3.25%	18/12	\$ (209,496)	\$ (20,016)	\$ (229,512)	\$ -	\$ (229,512)
OCTOBER	\$ (7,412,358)	\$ (3,962,620)	\$ (3,449,738)	3.25%	17/12	\$ (182,446)	\$ (158,832)	\$ (341,277)	\$ 1,229	\$ (340,048)
NOVEMBER	\$ (13,121,556)	\$ (22,595)	\$ (13,098,961)	3.25%	16/12	\$ (979)	\$ (567,622)	\$ (568,601)	\$ 9,055	\$ (559,546)
DECEMBER	\$ 3,150,909	\$ 4,885,407	\$ (1,734,498)	3.25%	15/12	\$ 198,470	\$ (70,464)	\$ 128,006	\$ -	\$ 128,006
JANUARY 22	\$ 7,829,850	\$ 9,737,096	\$ (1,907,246)	3.25%	14/12	\$ 369,198	\$ (72,316)	\$ 296,882	\$ 17	\$ 296,899
FEBRUARY	\$ 12,746,258	\$ 10,379,378	\$ 2,366,880	3.25%	13/12	\$ 365,441	\$ 83,334	\$ 448,775	\$ -	\$ 448,775
MARCH	\$ 3,032,254	\$ 1,359,428	\$ 1,672,826	3.25%	12/12	\$ 44,181	\$ 54,367	\$ 98,548	\$ -	\$ 98,548
APRIL	\$ 5,766,645	\$ 2,849,946	\$ 2,916,699	3.25%	11/12	\$ 84,905	\$ 86,893	\$ 171,798	\$ -	\$ 171,798
MAY	\$ (4,464,769)	\$ (4,118,049)	\$ (346,720)	3.25%	10/12	\$ (111,530)	\$ (9,390)	\$ (120,921)	\$ -	\$ (120,921)
JUNE	\$ (5,050,918)	\$ (4,439,355)	\$ (611,563)	3.25%	9/12	\$ (108,209)	\$ (14,907)	\$ (123,116)	\$ 89	\$ (123,027)
JULY	\$ (4,550,194)	\$ (4,744,265)	\$ 194,071	3.25%	8/12	\$ (102,792)	\$ 4,205	\$ (98,588)	\$ 5,234	\$ (93,354)
AUGUST	\$ (4,923,349)	\$ (5,138,740)	\$ 215,391	3.25%	7/12	\$ (97,422)	\$ 4,083	\$ (93,339)	\$ (223)	\$ (93,562)
TOTAL FY 2022	\$ (11,705,168)	\$ 2,488,269	\$ (14,193,437)			\$ 249,319	\$ (680,664)	\$ (431,345)	\$ 15,401	\$ (415,944)

Philadelphia Gas Works' Base Rate Filing

ACTUAL DATA - FISCAL YEAR 2022

PHILADELPHIA GAS WORKS

Rate	7/1/2021	Split Month 9/1/2021	10/1/2021	Split Month 12/1/2021	1/1/2022	Split Month 3/1/2022	4/1/2022	Split Month 6/1/2022	7/1/2022
	SSC in Effect	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932	\$ 7.4794
GAC in Effect	\$ (0.1882)	\$ (0.3121)	\$ (0.4360)	\$ (0.4020)	\$ (0.3680)	\$ (0.2704)	\$ (0.1727)	\$ (0.1616)	\$ (0.1505)
IRC in Effect	\$ (0.0027)	\$ (0.0041)	\$ (0.0055)	\$ (0.0066)	\$ (0.0077)	\$ (0.0080)	\$ (0.0082)	\$ (0.0088)	\$ (0.0093)
Total Effective	\$ 3.5700	\$ 4.2223	\$ 4.8745	\$ 5.4423	\$ 6.0100	\$ 5.8112	\$ 5.6123	\$ 7.3090	\$ 9.0057

Percentage of Total	7/1/2021	9/1/2021	10/1/2021	12/1/2021	1/1/2022	3/1/2022	4/1/2022	6/1/2022	7/1/2022
C-Factor	105.3%	107.5%	109.1%	107.5%	106.3%	104.8%	103.2%	102.3%	101.8%
E-Factor	-5.3%	-7.4%	-8.9%	-7.4%	-6.1%	-4.7%	-3.1%	-2.2%	-1.7%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor	7/1/2021	9/1/2021	10/1/2021	12/1/2021	1/1/2022	3/1/2022	4/1/2022	6/1/2022	7/1/2022
Demand Charge in Effect	\$ 0.9933	\$ 1.2648	\$ 1.5362	\$ 1.7106	\$ 1.8850	\$ 1.7017	\$ 1.5184	\$ 1.7344	\$ 1.9504
Commodity in Effect	\$ 2.7676	\$ 3.2737	\$ 3.7798	\$ 4.1403	\$ 4.5007	\$ 4.3878	\$ 4.2748	\$ 5.7450	\$ 7.2151
Total Effective	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932	\$ 7.4794	\$ 9.1655

Percentage of Total	7/1/2021	9/1/2021	10/1/2021	12/1/2021	1/1/2022	3/1/2022	4/1/2022	6/1/2022	7/1/2022
Demand Charge in Effect	26.4%	27.9%	28.9%	29.2%	29.5%	27.9%	26.2%	23.2%	21.3%
Commodity in Effect	73.6%	72.1%	71.1%	70.8%	70.5%	72.1%	73.8%	76.8%	78.7%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2021 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2021 Final E-Factor
\$ 10,417,313	\$ 7,629,647	\$ 499,391	\$ 18,546,351	

Actual	REVISED												Total FY 22
	Sep-2021 Actual	Oct-2021 Actual	Nov-2021 Actual	Dec-2021 Actual	Jan-2022 Actual	Feb-2022 Actual	Mar-2022 Actual	Apr-2022 Actual	May-2022 Actual	Jun-2022 Actual	Jul-2022 Actual	Aug-2022 Actual	
Fiscal Year 2021-2022	913,407	1,029,990	2,908,995	5,546,970	7,591,287	7,891,365	5,564,386	3,807,575	2,002,748	1,067,323	861,110	773,722	39,958,878
GCR Firm Sales	913,407	1,029,990	2,908,995	5,546,970	7,591,287	7,891,365	5,564,386	3,807,575	2,002,748	1,067,323	861,110	773,722	39,958,878
GCR Revenue Billed	\$ 3,980,567	\$ 5,014,637	\$ 14,188,678	\$ 31,177,480	\$ 45,391,847	\$ 47,376,566	\$ 32,056,069	\$ 21,393,379	\$ 11,286,047	\$ 8,040,028	\$ 7,763,620	\$ 6,967,453	\$ 234,636,371
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 183,531	\$ 207,616	\$ 212,570	\$ 178,011	\$ 205,700	\$ 208,528	\$ 208,725	\$ 221,239	\$ 218,826	\$ 196,649	\$ 212,239	\$ 213,544	\$ 2,467,178
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 4,164,097	\$ 5,222,253	\$ 14,401,248	\$ 31,355,492	\$ 45,597,548	\$ 47,585,094	\$ 32,264,793	\$ 21,614,619	\$ 11,504,873	\$ 8,236,678	\$ 7,975,858	\$ 7,180,997	\$ 237,103,549
Natural Gas Refunds	\$ -	\$ 14,453	\$ 113,192	\$ -	\$ 244	\$ -	\$ -	\$ -	\$ -	\$ 1,971	\$ 130,858	\$ (6,382)	\$ 254,336
Demand Charges	\$ 5,636,125	\$ 5,752,507	\$ 4,703,963	\$ 4,781,251	\$ 4,778,180	\$ 4,704,373	\$ 8,318,213	\$ 3,152,715	\$ 7,377,848	\$ 6,487,169	\$ 6,636,013	\$ 6,861,351	\$ 69,189,707
Supply Charges	\$ 3,534,014	\$ 7,336,296	\$ 24,103,958	\$ 25,764,113	\$ 35,827,074	\$ 33,096,090	\$ 22,449,513	\$ 13,384,827	\$ 8,955,575	\$ 6,987,815	\$ 6,027,799	\$ 5,366,628	\$ 192,833,702
Net Cost of Fuel	\$ 9,170,138	\$ 13,088,803	\$ 28,807,921	\$ 30,545,364	\$ 40,605,254	\$ 37,800,462	\$ 30,767,726	\$ 16,537,542	\$ 16,333,422	\$ 13,474,984	\$ 12,663,812	\$ 12,227,979	\$ 262,023,409

Philadelphia Gas Works' Base Rate Filing

FISCAL YEAR 2022
 PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION

MONTH	NET COST OF FUEL 1 (\$)	TOTAL GCR REVENUE BILLED 2 (\$)	C FACTOR % of GCR 3	C FACTOR REVENUE BILLED 4 = (2 * 3) (\$)	LOAD BALANCING REVENUE 5 (\$)	LNG SALES GCR BILLED REVENUE 6 (\$)	TOTAL C FACTOR REVENUE BILLED 7 = (4 + 5 + 6) (\$)	NATURAL GAS REFUNDS 8 (\$)	OVER/ (UNDER) RECOVERY 9 = (7 + 8 - 1) (\$)	CUMULATIVE OVER/(UNDER) 10 (\$)
SEPTEMBER 2021	\$ 9,170,138	\$ 3,980,567	107.5%	\$ 4,278,667	\$ 183,531	\$ -	\$ 4,462,198	\$ -	\$ (4,707,940)	\$ (4,707,940)
OCTOBER	\$ 13,088,803	\$ 5,014,637	109.1%	\$ 5,468,829	\$ 207,616	\$ -	\$ 5,676,445	\$ 14,453	\$ (7,397,904)	\$ (12,105,844)
NOVEMBER	\$ 28,807,921	\$ 14,188,678	109.1%	\$ 15,473,795	\$ 212,570	\$ -	\$ 15,686,365	\$ 113,192	\$ (13,008,364)	\$ (25,114,208)
DECEMBER	\$ 30,545,364	\$ 31,177,480	107.5%	\$ 33,518,262	\$ 178,011	\$ -	\$ 33,696,273	\$ -	\$ 3,150,909	\$ (21,963,299)
JANUARY 2022	\$ 40,605,254	\$ 45,391,847	106.3%	\$ 48,229,404	\$ 205,700	\$ -	\$ 48,435,104	\$ 244	\$ 7,830,094	\$ (14,133,205)
FEBRUARY	\$ 37,800,462	\$ 47,376,566	106.3%	\$ 50,338,192	\$ 208,528	\$ -	\$ 50,546,720	\$ -	\$ 12,746,258	\$ (1,386,947)
MARCH	\$ 30,767,726	\$ 32,056,069	104.8%	\$ 33,591,256	\$ 208,725	\$ -	\$ 33,799,981	\$ -	\$ 3,032,254	\$ 1,645,307
APRIL	\$ 16,537,542	\$ 21,393,379	103.2%	\$ 22,082,947	\$ 221,239	\$ -	\$ 22,304,187	\$ -	\$ 5,766,645	\$ 7,411,952
MAY	\$ 16,333,422	\$ 11,286,047	103.2%	\$ 11,649,828	\$ 218,826	\$ -	\$ 11,868,654	\$ -	\$ (4,464,769)	\$ 2,947,183
JUNE	\$ 13,474,984	\$ 8,040,028	102.3%	\$ 8,227,416	\$ 196,649	\$ -	\$ 8,424,066	\$ 1,971	\$ (5,048,948)	\$ (2,101,765)
JULY	\$ 12,663,812	\$ 7,763,620	101.8%	\$ 7,901,380	\$ 212,239	\$ -	\$ 8,113,618	\$ 130,858	\$ (4,419,336)	\$ (6,521,100)
AUGUST	\$ 12,227,979	\$ 6,967,453	101.8%	\$ 7,091,086	\$ 213,544	\$ -	\$ 7,304,630	\$ (6,382)	\$ (4,929,731)	\$ (11,450,832)
Total	\$ 262,023,409	\$ 234,636,371		\$ 247,851,063	\$ 2,467,178	\$ -	\$ 250,318,241	\$ 254,336	\$ (11,450,832)	

Philadelphia Gas Works' Base Rate Filing

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1 (MCF)	TOTAL E-FACTOR VOLUMES 2 (MCF)	TOTAL GCR REVENUE BILLED 3 (\$)	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=(3 * 4) (\$)	OVER/(UNDER) PROJECTED RECOVERY 6 (\$)
PRIOR YEAR E-FACTOR MONTH							\$ 18,546,351
SEPTEMBER 2021	Actual	913,407	913,407	\$ 3,980,567	-7.4%	\$ (294,235)	\$ 18,252,115
OCTOBER	Actual	1,029,990	1,029,990	\$ 5,014,637	-8.9%	\$ (448,535)	\$ 17,803,581
NOVEMBER	Actual	2,908,995	2,908,995	\$ 14,188,678	-8.9%	\$ (1,269,107)	\$ 16,534,473
DECEMBER	Actual	5,546,970	5,546,970	\$ 31,177,480	-7.4%	\$ (2,302,972)	\$ 14,231,502
JANUARY 2022	Actual	7,591,287	7,591,287	\$ 45,391,847	-6.1%	\$ (2,779,401)	\$ 11,452,101
FEBRUARY	Actual	7,891,365	7,891,365	\$ 47,376,566	-6.1%	\$ (2,900,928)	\$ 8,551,173
MARCH	Actual	5,564,386	5,564,386	\$ 32,056,069	-4.7%	\$ (1,491,333)	\$ 7,059,840
APRIL	Actual	3,807,575	3,807,575	\$ 21,393,379	-3.1%	\$ (658,311)	\$ 6,401,530
MAY	Actual	2,002,748	2,002,748	\$ 11,286,047	-3.1%	\$ (347,291)	\$ 6,054,239
JUNE	Actual	1,067,323	1,067,323	\$ 8,040,028	-2.2%	\$ (177,763)	\$ 5,876,476
JULY	Actual	861,110	861,110	\$ 7,763,620	-1.7%	\$ (129,743)	\$ 5,746,733
AUGUST	Actual	773,722	773,722	\$ 6,967,453	-1.7%	\$ (116,438)	\$ 5,630,296
TOTAL		39,958,878	39,958,878	\$ 234,636,371		\$ (12,916,055)	

FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
IRC FACTOR REVENUE BILLED

MONTH	TOTAL GCR REVENUE BILLED 1	IRC- FACTOR % of GCR 2	IRC-FACTOR REVENUE BILLED 3 = (1 * 2)
	\$		\$
SEPTEMBER 2021	\$ 3,980,567	-0.10%	\$ (3,865)
OCTOBER	\$ 5,014,637	-0.11%	\$ (5,658)
NOVEMBER	\$ 14,188,678	-0.11%	\$ (16,009)
DECEMBER	\$ 31,177,480	-0.12%	\$ (37,810)
JANUARY 2022	\$ 45,391,847	-0.13%	\$ (58,156)
FEBRUARY	\$ 47,376,566	-0.13%	\$ (60,699)
MARCH	\$ 32,056,069	-0.14%	\$ (43,855)
APRIL	\$ 21,393,379	-0.15%	\$ (31,257)
MAY	\$ 11,286,047	-0.15%	\$ (16,490)
JUNE	\$ 8,040,028	-0.12%	\$ (9,625)
JULY	\$ 7,763,620	-0.10%	\$ (8,017)
AUGUST	<u>\$ 6,967,453</u>	-0.10%	<u>\$ (7,195)</u>
TOTALS	\$ 234,636,371		\$ (298,636)

FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES

MONTH	DEMAND CHARGES							
	LESS LOAD BALANCING CHARGE REVENUE	1	DEMAND REVENUE BILLED	2	MONTHLY DEMAND OVER/(UNDER)	3 = (2 - 1)	CUMULATIVE DEMAND OVER/(UNDER)	4
		\$		\$		\$		\$
SEPTEMBER 2021	\$	5,452,594	\$ 1,155,232	\$	(4,297,362)	\$	(4,297,362)	
OCTOBER	\$	5,544,891	\$ 1,582,271	\$	(3,962,620)	\$	(8,259,982)	
NOVEMBER	\$	4,491,393	\$ 4,468,798	\$	(22,595)	\$	(8,282,577)	
DECEMBER	\$	4,603,240	\$ 9,488,647	\$	4,885,407	\$	(3,397,170)	
JANUARY 2022	\$	4,572,480	\$ 14,309,576	\$	9,737,096	\$	6,339,926	
FEBRUARY	\$	4,495,845	\$ 14,875,223	\$	10,379,378	\$	16,719,304	
MARCH	\$	8,109,488	\$ 9,468,916	\$	1,359,428	\$	18,078,731	
APRIL	\$	2,931,476	\$ 5,781,422	\$	2,849,946	\$	20,928,677	
MAY	\$	7,159,022	\$ 3,040,973	\$	(4,118,049)	\$	16,810,628	
JUNE	\$	6,290,520	\$ 1,851,165	\$	(4,439,355)	\$	12,371,273	
JULY	\$	6,423,774	\$ 1,679,510	\$	(4,744,265)	\$	7,627,008	
AUGUST	\$	6,647,807	\$ 1,509,067	\$	(5,138,740)	\$	2,488,268	
TOTALS	\$	66,722,529	\$ 69,210,797	\$	2,488,268			

Philadelphia Gas Works' Base Rate Filing
 ACTUAL / ESTIMATED DATA - FISCAL YEAR 2023
 PHILADELPHIA GAS WORKS

Rate	7/1/2022	Split Month 9/1/2022	10/1/2022	Split Month 12/1/2022	1/1/2023
	SSC in Effect	\$ 9.1655	\$ 8.8381	\$ 8.5106	\$ 8.2042
GAC in Effect	\$ (0.1505)	\$ (0.0070)	\$ 0.1366	\$ 0.1366	\$ 0.1366
IRC in Effect	\$ (0.0093)	\$ (0.0097)	\$ (0.0101)	\$ (0.0101)	\$ (0.0101)
Total Effective	\$ 9.0057	\$ 8.8214	\$ 8.6371	\$ 8.3307	\$ 8.0242

<u>Percentage of Total</u>					
C-Factor	101.8%	100.2%	98.5%	98.5%	98.4%
E-Factor	-1.7%	-0.1%	1.6%	1.6%	1.7%
IRC-Factor	<u>-0.1%</u>	<u>-0.1%</u>	<u>-0.1%</u>	<u>-0.1%</u>	<u>-0.1%</u>
Total	100%	100%	100%	100%	100%

<u>C-Factor</u>					
Demand Charge in Effect	\$ 1.9504	\$ 1.9286	\$ 1.9067	\$ 2.0053	\$ 2.1038
Commodity in Effect	\$ 7.2151	\$ 6.9095	\$ 6.6039	\$ 6.1989	\$ 5.7939
	\$ 9.1655	\$ 8.8381	\$ 8.5106	\$ 8.2042	\$ 7.8977

<u>Percentage of Total</u>					
Demand Charge in Effect	21.3%	21.8%	22.4%	24.4%	26.6%
Commodity in Effect	<u>78.7%</u>	<u>78.2%</u>	<u>77.6%</u>	<u>75.6%</u>	<u>73.4%</u>
	100%	100%	100%	100%	100%

	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2022 Final E-Factor
<u>Fiscal Year 2022 E-Factor</u>	\$ (11,450,832)	\$ 5,630,296	\$ (415,944)	\$ (6,236,480)

<u>Actual</u>	<u>Fiscal Year 2021-2022</u>		
	Sep-2022 Actual	Oct-2022 Actual	Nov-2022 Estimated
GCR Firm Sales	817,159	1,462,604	2,706,517
GCR Revenue Billed	\$ 7,201,117	\$ 12,613,579	\$ 23,376,454
Migration Rider Revenue Billed	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 147,057	\$ 269,733	\$ 270,053
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 7,348,174	\$ 12,883,312	\$ 23,646,507
Natural Gas Refunds	\$ -	\$ 3,358	\$ -
Demand Charges	\$ 6,960,932	\$ 7,644,875	\$ 6,892,507
Supply Charges	\$ 5,072,487	\$ 10,897,705	\$ -
Net Cost of Fuel	\$ 12,033,418	\$ 18,542,581	\$ 26,547,794

Philadelphia Gas Works' Base Rate Filing

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST	TOTAL	C FACTOR	C FACTOR	LOAD BALANCING	LNG SALES GCR	TOTAL	NATURAL GAS	OVER/	CUMULATIVE
	OF FUEL	GCR		REVENUE			REVENUE		C FACTOR	
	1	2	% of GCR	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2022	12,033,418	7,201,117	100.2%	7,214,709	147,057	0	7,361,766	0	(4,671,652)	(4,671,652)
OCTOBER	18,542,581	12,613,579	98.5%	12,428,839	269,733	0	12,698,572	3,358	(5,840,651)	(10,512,303)
NOVEMBER	26,547,794	23,376,454	98.5%	23,034,080	270,053	0	23,304,133	0	(3,243,661)	(13,755,964)

Philadelphia Gas Works' Base Rate Filing

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES	TOTAL E-FACTOR VOLUMES	TOTAL GCR REVENUE BILLED	E-FACTOR % of GCR	E-FACTOR GCR REVENUE BILLED 5=(3 * 4)	OVER/(UNDER) PROJECTED RECOVERY
		1	2	3	4	5	6
		(MCF)	(MCF)	(\$)		(\$)	(\$)
PRIOR YEAR E-FACTOR							\$ (6,236,480)
MONTH							
SEPTEMBER 2022	Actual	817,159	817,159	\$ 7,201,117	-0.1%	\$ (5,673)	\$ (6,242,154)
OCTOBER	Actual	1,462,604	1,462,604	\$ 12,613,579	1.6%	\$ 199,490	\$ (6,042,664)
NOVEMBER	Estimated	2,706,517	2,706,517	\$ 23,376,454	1.6%	\$ 369,710	\$ (5,672,953)
DECEMBER	Estimated	5,090,008	5,090,008	\$ 42,403,076		\$ 83,462	
JANUARY 2023	Estimated	9,260,641	9,260,641	\$ 74,309,236		\$ 151,849	
FEBRUARY	Estimated	7,863,197	7,863,197	\$ 63,095,869		\$ 128,935	
MARCH	Estimated	5,957,871	5,957,871	\$ 47,807,148		\$ 97,693	
APRIL	Estimated	3,980,210	3,980,210	\$ 31,938,002		\$ 65,265	
MAY	Estimated	1,796,558	1,796,558	\$ 14,415,938		\$ 29,459	
JUNE	Estimated	1,075,303	1,075,303	\$ 8,628,450		\$ 17,632	
JULY	Estimated	932,429	932,429	\$ 7,482,000		\$ 15,289	
AUGUST	Estimated	886,935	886,935	\$ 7,116,947		\$ 14,543	
TOTAL		<u>36,843,154</u>	<u>36,843,154</u>	<u>\$ 297,196,667</u>		<u>\$ 604,128</u>	
DECEMBER 1, 2022 E-FACTOR		0.0164					

FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
IRC FACTOR REVENUE BILLED

MONTH	TOTAL GCR REVENUE BILLED 1	IRC- FACTOR % of GCR 2	IRC-FACTOR REVENUE BILLED 3 = (1 * 2)
	\$		\$
SEPTEMBER 2022	7,201,117	-0.11%	(7,918)
OCTOBER	12,613,579	-0.12%	(14,750)
NOVEMBER	23,376,454	-0.12%	(27,336)

FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES

MONTH	DEMAND CHARGES LESS LOAD BALANCING CHARGE REVENUE	DEMAND REVENUE BILLED	MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	1	2	3 = (2 - 1)	4
	\$	\$	\$	\$
SEPTEMBER 2022	6,813,874	1,575,933	(5,237,942)	(5,237,942)
OCTOBER	7,375,142	2,788,747	(4,586,395)	(9,824,337)
NOVEMBER	6,622,453	5,160,515	(1,461,938)	(11,286,275)

CALCULATION OF RECOVERED CHARGES
1st Qtr Filing
December 1, 2022

	<u>50% December</u>	<u>11.5 Months</u>	<u>Total</u>	
			(MCF)	(\$)
S - Firm Sales (Mcf)	2,545,004	38,974,252	41,519,256	
C-Factor	<u>\$ 8.5106</u>	<u>\$ 7.8977</u>		
Projected Recovery	21,659,512	307,806,950		\$ 329,466,462
S - Firm Sales (Mcf)	2,545,004	38,974,252	41,519,256	
IRC-Factor	<u>\$ (0.0101)</u>	<u>\$ (0.0101)</u>		
Projected Recovery	(25,705)	(393,640)		\$ (419,344)
E-Factor Volumes (Mcf)	2,545,004	38,974,252	41,519,256	
E-Factor	<u>\$ 0.1366</u>	<u>\$ 0.1366</u>		
Projected Recovery	347,648	5,323,883		\$ 5,671,530
GCR (\$ / Mcf)	\$ 8.6371	\$ 8.0242		
<hr/>				
GCR Projected Recovery				\$ 334,718,648
Load Balancing Revenue				\$ 2,453,018
LNG Sales Demand Revenue				<u>\$ 42,598</u>
TOTAL PROJECTED RECOVERY				\$ 337,214,263

Change In Rates

Rates Effective December 1, 2022

	<u>Current Rates</u>				09/01/22 Commodity Rate (5)=(1)+(2)+(3)+(4)
	09/01/22 <u>Distribution Charge</u> (1)	09/01/22 <u>GCR</u> (2)	09/01/22 <u>MFC</u> (3)	09/01/22 <u>GPC</u> (4)	
Residential GS	\$9.5721	\$8.6371	\$0.3127	\$0.0400	\$18.5619
Commercial GS	\$7.4770	\$8.6371	\$0.0786	\$0.0400	\$16.2327
Industrial GS	\$7.4326	\$8.6371	\$0.0363	\$0.0400	\$16.1460
Phila.Housing Authority (PHA)	\$7.7396	\$8.6371	\$0.0000	\$0.0400	\$16.4167
Municipal (MS)	\$7.0474	\$8.6371	\$0.0000	\$0.0400	\$15.7245
Phila.Housing Authority (GS)	\$8.8159	\$8.6371	\$0.3127	\$0.0400	\$17.8057

December 1, 2022 - Distribution Charge

	<u>Delivery Charge</u> (6)	<u>Surcharges</u>				<u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)
		<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service & Ener. Cons.</u> (9)	<u>Restructuring & Consumer Education</u> (10)		
Residential GS	\$7.2955	\$0.3789	\$0.0125	\$1.7354	\$0.0000	\$2.1268	\$9.4223
Commercial GS	\$5.1908	\$0.3789	\$0.0410	\$1.7354	\$0.0000	\$2.1553	\$7.3461
Industrial GS	\$5.1668	\$0.3789	(\$0.0056)	\$1.7354	\$0.0000	\$2.1087	\$7.2755
Phila.Housing Authority (PHA)	\$5.4534	\$0.3789	\$0.0410	\$1.7354	\$0.0000	\$2.1553	\$7.6087
Municipal (MS)	\$4.7765	\$0.3789	\$0.0000	\$1.7354	\$0.0000	\$2.1143	\$6.8908
Phila.Housing Authority (GS)	\$6.5393	\$0.3789	\$0.0125	\$1.7354	\$0.0000	\$2.1268	\$8.6661

Proposed Rates

	12/01/22 <u>Distribution Charge</u> (12)	12/01/22 <u>GCR</u> (13)	12/01/22 <u>MFC</u> (14)	12/01/22 <u>GPC</u> (15)	12/01/22 Commodity Rate (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
	Residential GS	\$9.4223	\$8.0242	\$0.2905	\$0.0400	\$17.7770
Commercial GS	\$7.3461	\$8.0242	\$0.0730	\$0.0400	\$15.4833	(\$0.7494)
Industrial GS	\$7.2755	\$8.0242	\$0.0337	\$0.0400	\$15.3734	(\$0.7726)
Phila.Housing Authority (PHA)	\$7.6087	\$8.0242	\$0.0000	\$0.0400	\$15.6729	(\$0.7438)
Municipal (MS)	\$6.8908	\$8.0242	\$0.0000	\$0.0400	\$14.9550	(\$0.7695)
Phila.Housing Authority (GS)	\$8.6661	\$8.0242	\$0.2905	\$0.0400	\$17.0208	(\$0.7849)

PHILADELPHIA GAS WORKS
DECEMBER 1, 2022
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 9,126,382
Customer Responsibility Program (CRP)	\$ 76,702,428
Senior Citizen Discount *	\$ 2,049,204
<u>November 2022 Over Collection</u>	<u>\$ (5,185,591)</u>
Total \$ to be Recovered	\$ 82,692,424
Total Applicable Volumes	Mcf 47,650,660
Universal Service & Energy Conservation Surcharge	<u>\$ 1.7354</u>

* This is the Senior Citizen Discount based on the Distribution Charge without the Universal Services Surcharge plus the GCR. This is used to calculate the Universal Services Surcharge. The total senior citizen discount is \$2,254,003.

Philadelphia Gas Works' Base Rate Filing

STATEMENT OF RECONCILIATION UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE SEPTEMBER 2022 THROUGH NOVEMBER 2022

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 22 Reconciliation							\$ 1,337,511
September 2022	Actual	992,962	\$ 1,990	\$ 1,976,193	\$ 270,353	\$ 1,705,840	\$ 3,043,351
October	Actual	1,754,046	\$ 1,892	\$ 3,318,655	\$ 2,075,986	\$ 1,242,669	\$ 4,286,020
November	Estimated	3,149,018	\$ 1,892	\$ 5,957,942	\$ 5,058,372	\$ 899,571	\$ 5,185,591

<u>USC Expenses</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>
ELIRP Expense	\$ 51,119	\$ 2,032	\$ 779,967
ELIRP Labor	\$ 7,477	\$ 6,882	\$ 12,164
Concervation Incentive Credit	\$ -	\$ -	\$ -
CRP Discount	\$ (824,439)	\$ 1,018,285	\$ 3,076,514
CRP Forgiveness	\$ 979,140	\$ 947,472	\$ 1,029,311
Senior Citizen Discount	\$ 57,055	\$ 101,316	\$ 160,416
Bad Debt Expense Offset*	\$ -	\$ -	\$ -
Total	\$ 270,353	\$ 2,075,986	\$ 5,058,372

<u>CRP Participation</u>		
Rate Case Participation Rate	80,000	80,000
Actual Participation Rate	50,723	50,981
CRP Under/(Over) Participation	29,277	29,019
<u>Average Shortfall Per CRP Participant</u>		
CRP Discount	\$ (824,439)	\$ 1,018,285
Actual Participation Rate	50,723	50,981
Average Shortfall per CRP Participant	\$ (16)	\$ 20
Shortfall*	\$ -	\$ -
Bad Debt Expense Offset** 5.75%	\$ -	\$ -

**Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 80,000.

Philadelphia Gas Works' Base Rate Filing

STATEMENT OF RECONCILIATION UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE SEPTEMBER 2021 THROUGH AUGUST 2022

Month	USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 21 Reconciliation						\$ 7,736,115
September 2021	Actual 1,084,185	\$ 1,4927	\$ 1,618,363	\$ 985,594	\$ 632,769	\$ 8,368,884
October	Actual 1,230,794	\$ 1,5844	\$ 1,950,070	\$ 1,978,817	\$ (28,747)	\$ 8,340,137
November	Actual 3,348,003	\$ 1,5844	\$ 5,304,576	\$ 6,528,336	\$ (1,223,761)	\$ 7,116,377
December	Actual 6,220,739	\$ 1,6684	\$ 10,378,371	\$ 12,788,359	\$ (2,409,989)	\$ 4,706,388
January 2022	Actual 8,562,357	\$ 1,7523	\$ 15,003,818	\$ 16,251,389	\$ (1,247,572)	\$ 3,458,816
February	Actual 8,857,977	\$ 1,7523	\$ 15,521,834	\$ 16,791,630	\$ (1,269,796)	\$ 2,189,020
March	Actual 6,339,815	\$ 1,6927	\$ 10,731,404	\$ 13,086,071	\$ (2,354,666)	\$ (165,647)
April	Actual 4,332,091	\$ 1,6331	\$ 7,074,737	\$ 8,395,863	\$ (1,321,125)	\$ (1,486,772)
May *	Actual 2,305,027	\$ 1,6331	\$ 3,764,339	\$ 4,018,718	\$ (254,379)	\$ (1,741,151)
June	Actual 1,258,304	\$ 1,8608	\$ 2,341,388	\$ 2,476,963	\$ (135,574)	\$ (1,876,726)
July	Actual 1,030,520	\$ 2,0884	\$ 2,152,137	\$ (363,696)	\$ 2,515,833	\$ 639,108
August	Actual 939,896	\$ 2,0884	\$ 1,962,878	\$ 1,264,474	\$ 698,404	\$ 1,337,511

USC Expenses	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	FY22 TOTAL
ELIRP Expense	\$ (1,970)	\$ 1,039,826	\$ 840,986	\$ 868,967	\$ 542,041	\$ 640,824	\$ 823,371	\$ 688,018	\$ 660,772	\$ 1,553	\$ 1,175,931	\$ 1,158,273	\$ 8,438,592
ELIRP Labor	\$ 6,084	\$ 7,362	\$ 7,681	\$ 8,592	\$ 7,008	\$ 5,836	\$ 4,158	\$ 5,225	\$ 4,269	\$ 5,573	\$ 8,595	\$ 8,000	\$ 78,383
CRP Discount	\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568	\$ 14,374,148	\$ 14,937,519	\$ 10,869,039	\$ 6,467,487	\$ 2,084,060	\$ 1,347,274	\$ (2,553,943)	\$ (945,850)	\$ 59,420,647
CRP Forgiveness	\$ 2,120,890	\$ 1,261,234	\$ 1,433,164	\$ 1,197,706	\$ 875,311	\$ 755,712	\$ 1,054,080	\$ 1,011,942	\$ 1,149,466	\$ 1,033,110	\$ 945,918	\$ 988,655	\$ 13,827,187
Senior Citizen Discount	\$ 58,862	\$ 73,400	\$ 182,882	\$ 334,527	\$ 452,881	\$ 451,739	\$ 335,423	\$ 223,192	\$ 120,150	\$ 89,452	\$ 59,802	\$ 55,397	\$ 2,437,708
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 985,594	\$ 1,978,817	\$ 6,528,336	\$ 12,788,359	\$ 16,251,389	\$ 16,791,630	\$ 13,086,071	\$ 8,395,863	\$ 4,018,718	\$ 2,476,963	\$ (363,696)	\$ 1,264,474	\$ 84,202,517

CRP Participation													
Rate Case Participation Rate	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
Actual Participation Rate	60,498	60,137	59,281	53,466	52,631	53,135	53,535	53,940	53,671	52,342	53,849	51,019	
CRP Under/(Over) Participation	19,502	19,863	20,719	26,534	27,369	26,865	26,465	26,060	26,329	27,658	26,151	28,981	
Average Shortfall Per CRP Participant													
CRP Discount	\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568	\$ 14,374,148	\$ 14,937,519	\$ 10,869,039	\$ 6,467,487	\$ 2,084,060	\$ 1,347,274	\$ (2,553,943)	\$ (945,850)	
Actual Participation Rate	60,498	60,137	59,281	53,466	52,631	53,135	53,535	53,940	53,671	52,342	53,849	51,019	
Average Shortfall per CRP Participant	\$ (20)	\$ (7)	\$ 69	\$ 194	\$ 273	\$ 281	\$ 203	\$ 120	\$ 39	\$ 26	\$ (47)	\$ (19)	
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset**	5.75%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

* May Applicable Volume Revised

**Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 80,000.

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
DECEMBER 1, 2022

<u>Program</u>	<u>Residential & PHA GS</u>	<u>Commercial & PHA</u>	<u>Industrial</u>	<u>Total</u>
Residential Heating Equipment Rebate (RHER)				
Program Expense	\$329,980	\$87,403	\$64	\$417,447
Labor Expense	\$54,753	\$14,160	\$12	\$68,925
Low Income Thermostate (LITSTAT)				
Program Expense	\$86,951	\$0	\$0	\$86,951
Labor Expense	\$15,235	\$0	\$0	\$15,235
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$3,074	\$173,476	\$1,827	\$178,376
Labor Expense	\$504	\$28,493	\$299	\$29,297
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$106,432	\$0	\$0	\$106,432
Labor Expense	\$18,103	\$0	\$0	\$18,103
EnergySense Smart Thermostat (TSTAT)				
Program Expense	\$68,846	\$0	\$0	\$68,846
Labor Expense	<u>\$11,582</u>	<u>\$0</u>	<u>\$0</u>	\$11,582
Total Expense	\$695,461	\$303,532	\$2,201	\$1,001,195
Prior Period Reconciliation (11/30/22)	<u>\$ (255,404)</u>	<u>\$ 139,005</u>	<u>\$ (6,680)</u>	<u>\$ (123,080)</u>
Total	\$440,057	\$442,537	-\$4,479	\$878,115
Volumes - Mcf (GCR Firm & Firm Transportation)	35,201,099	10,787,374	793,183	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0125	\$0.0410	(\$0.0056)
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EFFICIENCY COST RECOVERY (ECR) SURCHARGE Schedule 13(b)**STATEMENT OF RECONCILIATION****FISCAL YEAR 2023**

		<u>Actual</u> <u>Sep-22</u>	<u>Actual</u> <u>Oct-22</u>	<u>Estimated</u> <u>Nov-22</u>
<u>RESIDENTIAL & PHA GS</u>				
FY 2022 Over-Collection	\$ 299,342			
Volume Billed		596,333	1,117,339	2,195,674
ECR Surcharge		\$ 0.0119	\$ 0.0057	\$ 0.0057
Revenue Billed		\$ 7,067	\$ 6,369	\$ 12,515
RHER	Expense	\$ 961	\$ 684	\$ 27,189
RHER	Labor	\$ 3,534	\$ 2,318	\$ 4,368
HECI	Expense	\$ 99	\$ 297	\$ 9,246
HECI	Labor	\$ 365	\$ 1,005	\$ 1,544
LITSTAT	Expense	\$ 71	\$ 99	\$ 7,557
LITSTAT	Labor	\$ 261	\$ 336	\$ 1,312
CIER	Expense	\$ 10	\$ 8	\$ 271
CIER	Labor	\$ 36	\$ 26	\$ 43
TSTAT	Expense	\$ 23	\$ 280	\$ 5,931
TSTAT	Labor	\$ 89	\$ 948	\$ 976
Total		\$ 5,450	\$ 6,000	\$ 58,438
Monthly Over/(Under)		\$ 1,617	\$ 369	\$ (45,923)
Cumulative Over/(Under)		\$ 300,958	\$ 301,327	\$ 255,404
<u>COMMERCIAL & PHA</u>				
FY 2022 Under-Collection	\$ (131,379)			
Volume Billed		355,022	559,947	830,041
ECR Surcharge		\$ 0.0168	\$ 0.0153	\$ 0.0153
Revenue Billed		\$ 5,964	\$ 8,567	\$ 12,700
RHER	Expense	\$ 320	\$ 228	\$ 9,063
RHER	Labor	\$ 1,178	\$ 773	\$ 1,456
CIER	Expense	\$ 541	\$ 421	\$ 15,057
CIER	Labor	\$ 1,992	\$ 1,426	\$ 2,402
TSTAT	Expense	-	-	-
TSTAT	Labor	\$ -	\$ -	\$ -
Total		\$ 4,032	\$ 2,847	\$ 27,978
Monthly Over/(Under)		\$ 1,932	\$ 5,720	\$ (15,278)
Cumulative Over/(Under)		\$ (129,447)	\$ (123,727)	\$ (139,005)
<u>INDUSTRIAL</u>				
FY 2022 Over-Collection	\$ 7,620			
Volume Billed		25,989	45,088	66,295
ECR Surcharge		\$ (0.0053)	\$ (0.0051)	\$ (0.0051)
Revenue Billed		\$ (138)	\$ (230)	\$ (338)
RHER	Expense	\$ -	\$ -	\$ -
RHER	Labor	\$ -	\$ -	\$ -
CIER	Expense	\$ 6	\$ 5	\$ 161
CIER	Labor	\$ 21	\$ 15	\$ 26
Total		\$ 27	\$ 20	\$ 187
Monthly Over/(Under)		\$ (165)	\$ (250)	\$ (525)
Cumulative Over/(Under)		\$ 7,455	\$ 7,205	\$ 6,680

Philadelphia Gas Works' Base Rate Filing
EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION

Schedule 13(c)

FISCAL YEAR 2022

	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	Actual Aug-22	Total FY2022
RESIDENTIAL & PHA GS													
FY 2021 Over-Collection	\$ 440,912												
Volume Billed	673,328	744,906	2,312,821	4,582,274	6,415,232	6,694,583	4,639,357	3,160,217	1,613,222	788,343	649,018	557,274	32,830,574
ECR Surcharge	\$ 0.0203	\$ 0.0211	\$ 0.0211	\$ 0.0214	\$ 0.0217	\$ 0.0202	\$ 0.0186	\$ 0.0186	\$ 0.0186	\$ 0.0183	\$ 0.0180	\$ 0.0180	
Revenue Billed	\$ 13,635	\$ 15,718	\$ 48,801	\$ 98,061	\$ 139,211	\$ 145,272	\$ 93,483	\$ 58,780	\$ 30,006	\$ 14,427	\$ 11,682	\$ 10,031	
RHER Expense	\$ (827)	\$ 38,720	\$ 49,174	\$ 38,285	\$ 34,183	\$ 21,678	\$ 133,071	\$ 49,140	\$ 64,136	\$ 837	\$ 108,730	\$ (98,278)	\$ 438,848
RHER Labor	\$ 2,555	\$ 3,092	\$ 6,756	\$ 3,608	\$ 2,943	\$ 5,271	\$ 1,664	\$ 2,498	\$ 6,687	\$ 2,999	\$ 5,075	\$ (17,396)	\$ 25,752
HECI Expense	\$ (288)	\$ 8,719	\$ (8,431)	\$ 8,929	\$ 5,015	\$ (13,944)	\$ 3,214	\$ 44,685	\$ 26,423	\$ 123	\$ 6,688	\$ 132,815	\$ 213,948
HECI Labor	\$ 889	\$ 1,075	\$ (1,964)	\$ 1,255	\$ 1,024	\$ (2,278)	\$ 489	\$ 734	\$ 4,874	\$ 441	\$ 420	\$ 8,414	\$ 15,372
LITSTAT Expense	\$ (96)	\$ 0	\$ 96	\$ 147	\$ 186	\$ (333)	\$ 9,266	\$ 479	\$ (954)	\$ 31	\$ 11,965	\$ 65,669	\$ 86,456
LITSTAT Labor	\$ 297	\$ 360	\$ (657)	\$ 420	\$ 342	\$ (762)	\$ 737	\$ 92	\$ (107)	\$ 110	\$ 300	\$ 4,698	\$ 5,829
CIER Expense	\$ (7)	\$ 479	\$ (472)	\$ 356	\$ 246	\$ (601)	\$ 710	\$ 175	\$ 3,721	\$ 8	\$ 670	\$ 1,193	\$ 6,477
CIER Labor	\$ 21	\$ 25	\$ (46)	\$ 30	\$ 24	\$ (54)	\$ 15	\$ 23	\$ 340	\$ 27	\$ 41	\$ 30	\$ 476
TSTAT Expense	\$ (282)	\$ 1,054	\$ 1,020	\$ 7,824	\$ 545	\$ 1,411	\$ 1,908	\$ 3,952	\$ (186)	\$ 70	\$ 3,747	\$ 3,869	\$ 24,933
TSTAT Labor	\$ 870	\$ 1,052	\$ (1,666)	\$ 1,228	\$ 1,002	\$ (938)	\$ 290	\$ 420	\$ (843)	\$ 252	\$ 99	\$ 817	\$ 2,583
Total	\$ 3,132	\$ 54,577	\$ 43,808	\$ 62,081	\$ 45,510	\$ 9,448	\$ 151,366	\$ 102,197	\$ 104,091	\$ 4,898	\$ 137,737	\$ 101,831	\$ 820,676
Monthly Over/(Under)	\$ 10,503	\$ (38,859)	\$ 4,992	\$ 35,980	\$ 93,701	\$ 135,824	\$ (57,883)	\$ (43,417)	\$ (74,085)	\$ 9,529	\$ (126,054)	\$ (91,800)	
Cumulative Over/(Under)	\$ 451,415	\$ 412,555	\$ 417,548	\$ 453,527	\$ 547,228	\$ 683,052	\$ 625,170	\$ 581,752	\$ 507,668	\$ 517,196	\$ 391,142	\$ 299,342	
COMMERCIAL & PHA													
FY 2021 Over-Collection	\$ 53,399												
Volume Billed	367,527	440,154	916,803	1,408,018	1,825,272	1,803,600	1,441,091	989,791	586,315	422,270	338,078	338,391	10,877,310
ECR Surcharge	\$ 0.0146	\$ 0.0169	\$ 0.0169	\$ 0.0224	\$ 0.0278	\$ 0.0278	\$ 0.0249	\$ 0.0219	\$ 0.0219	\$ 0.0201	\$ 0.0183	\$ 0.0183	
Revenue Billed	\$ 5,348	\$ 7,439	\$ 15,494	\$ 31,469	\$ 50,743	\$ 50,140	\$ 35,811	\$ 21,676	\$ 12,840	\$ 8,488	\$ 6,187	\$ 6,193	
RHER Expense	\$ (57)	\$ 2,650	\$ (2,593)	\$ 2,620	\$ 2,339	\$ 8,791	\$ 8,866	\$ 3,274	\$ (3,118)	\$ 56	\$ 7,244	\$ 138,166	\$ 168,238
RHER Labor	\$ 175	\$ 212	\$ (386)	\$ 247	\$ 201	\$ 1,390	\$ 111	\$ 166	\$ (247)	\$ 200	\$ 338	\$ 8,722	\$ 11,128
CIER Expense	\$ (409)	\$ 28,799	\$ 31,059	\$ 21,386	\$ 14,772	\$ 16,051	\$ 39,388	\$ 9,715	\$ (31,026)	\$ 422	\$ 37,184	\$ 72,425	\$ 239,768
CIER Labor	\$ 1,263	\$ 1,528	\$ 5,677	\$ 1,784	\$ 1,455	\$ 3,220	\$ 841	\$ 1,261	\$ (6,386)	\$ 1,515	\$ 2,290	\$ 2,770	\$ 17,218
TSTAT Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 189	\$ -	\$ 149	\$ (113)	\$ 3	\$ 141	\$ (140)	\$ 229
TSTAT Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ 16	\$ (23)	\$ 10	\$ 4	\$ (7)	\$ 24
Total	\$ 972	\$ 33,189	\$ 33,757	\$ 26,037	\$ 18,768	\$ 29,666	\$ 49,205	\$ 14,582	\$ (40,912)	\$ 2,205	\$ 47,201	\$ 221,935	\$ 436,605
Monthly Over/(Under)	\$ 4,375	\$ (25,750)	\$ (18,263)	\$ 5,432	\$ 31,975	\$ 20,474	\$ (13,394)	\$ 7,095	\$ 53,753	\$ 6,283	\$ (41,015)	\$ (215,743)	
Cumulative Over/(Under)	\$ 57,774	\$ 32,023	\$ 13,761	\$ 19,193	\$ 51,168	\$ 71,642	\$ 58,248	\$ 65,343	\$ 119,095	\$ 125,378	\$ 84,364	\$ (131,379)	
INDUSTRIAL													
FY 2021 Over-Collection	\$ 16,336												
Volume Billed	31,390	32,253	64,683	103,724	147,821	146,476	119,709	75,138	45,887	30,861	29,706	31,020	858,666
ECR Surcharge	\$ (0.0107)	\$ (0.0095)	\$ (0.0095)	\$ (0.0112)	\$ (0.0129)	\$ (0.0129)	\$ (0.0098)	\$ (0.0066)	\$ (0.0066)	\$ (0.0061)	\$ (0.0055)	\$ (0.0055)	
Revenue Billed	\$ (336)	\$ (306)	\$ (614)	\$ (1,162)	\$ (1,907)	\$ (1,890)	\$ (1,167)	\$ (496)	\$ (303)	\$ (187)	\$ (163)	\$ (171)	
RHER Expense	\$ (1)	\$ 29	\$ (28)	\$ 29	\$ 26	\$ (54)	\$ 114	\$ 42	\$ (156)	\$ 1	\$ 93	\$ (79)	\$ 15
RHER Labor	\$ 2	\$ 2	\$ (4)	\$ 3	\$ 2	\$ (5)	\$ 1	\$ 2	\$ (4)	\$ 3	\$ 4	\$ (7)	\$ (0)
CIER Expense	\$ (4)	\$ 284	\$ (280)	\$ 211	\$ 146	\$ (356)	\$ 422	\$ 104	\$ (526)	\$ 5	\$ 399	\$ (403)	\$ (0)
CIER Labor	\$ 12	\$ 15	\$ (28)	\$ 18	\$ 14	\$ (32)	\$ 9	\$ 14	\$ (23)	\$ 16	\$ 25	\$ (41)	\$ (0)
Total	\$ 10	\$ 330	\$ (340)	\$ 260	\$ 188	\$ (447)	\$ 546	\$ 162	\$ (708)	\$ 24	\$ 520	\$ (530)	\$ 14
Monthly Over/(Under)	\$ (346)	\$ (637)	\$ (275)	\$ (1,421)	\$ (2,095)	\$ (1,442)	\$ (1,713)	\$ (658)	\$ 405	\$ (211)	\$ (684)	\$ 359	
Cumulative Over/(Under)	\$ 15,990	\$ 15,354	\$ 15,079	\$ 13,658	\$ 11,563	\$ 10,121	\$ 8,407	\$ 7,750	\$ 8,155	\$ 7,944	\$ 7,260	\$ 7,620	

* REVISED Volumes Billed September through May have been revised

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
December 1, 2022**

Storage and Peaking Asset Cost	\$	23,262,215
WSS Volumes MDQ	17,557.5	
Daily Demand Charge (Dth)	\$0.45932	\$ 2,943,546
Total Charges		
Total Storage Charges		26,205,761
Design Day Requirements (Mcf)		685,131
Fulfilled from FT Capacity (Mcf)		(297,287)
WSS Storage Withdrawal Volumes MCF		<u>16,980</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		404,824
<hr/>		
Annual Storage and Peaking Cost per Excess Mcf	\$	64.7338
Per Mcf Over / (Under) Adjustment	\$	<u>0.1197</u>
Load Balancing Charge	\$	64.6141

Over / (Under) Recovery	\$	71,548
Interest	\$	<u>1,282</u>
Total Over/(Under) Recovery	\$	<u>72,830</u>
Forecasted SSPC Volumes		608,388
Per Mcf Over / (Under) Adjustment	\$	0.1197

Projected Unaccounted For Factor And Retainage Rate
December 1, 2022

<u>Fiscal Year</u>	<u>Firm Sendout (Mcf)</u>	<u>Accounted For Gas (Mcf)</u>	<u>Unaccounted For (Mcf)</u>	<u>3 Year Average</u>
2019-20	46,326,543	45,194,894	1,131,649	
2020-21	47,338,905	46,364,616	974,290	
2021-22	<u>46,295,837</u>	<u>45,067,976</u>	<u>1,227,861</u>	
Total	139,961,285	136,627,487	3,333,799	2.4%

Philadelphia Gas Works' Base Rate Filing

Natural Gas Prices Used for PGW's - FY 2022-2023 - 1st Quarter GCR Filing

	<u>Basis Differentials</u>											NYMEX Futures 11/04/22 Close	<u>Gas Prices</u>									
	TRANSCO					TETCO							TRANSCO					TETCO				
	Sta 30	Sta 45	Sta 65	Sta 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt.		Sta 30	Sta 45	Sta 65	Sta 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2
Nov-22												5.186										
Dec-22	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	6.400	6.34	6.36	6.35	6.37	6.43	6.28	6.32	6.32	6.27	5.71
Jan-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	6.754	6.69	6.72	6.71	6.72	6.78	6.63	6.67	6.67	6.63	6.06
Feb-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	6.529	6.46	6.49	6.48	6.50	6.56	6.40	6.45	6.45	6.40	5.84
Mar-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.873	5.81	5.83	5.83	5.84	5.90	5.75	5.79	5.79	5.74	5.18
Apr-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.018	4.95	4.98	4.97	4.98	5.05	4.89	4.94	4.94	4.89	4.33
May-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	4.961	4.90	4.92	4.91	4.93	4.99	4.84	4.88	4.88	4.83	4.27
Jun-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.025	4.96	4.99	4.98	4.99	5.06	4.90	4.95	4.94	4.90	4.33
Jul-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.094	5.03	5.06	5.05	5.06	5.12	4.97	5.01	5.01	4.97	4.40
Aug-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.106	5.04	5.07	5.06	5.07	5.14	4.98	5.03	5.02	4.98	4.41
Sep-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.055	4.99	5.02	5.01	5.02	5.09	4.93	4.98	4.97	4.93	4.36
Oct-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.111	5.05	5.07	5.06	5.08	5.14	4.99	5.03	5.03	4.98	4.42
Nov-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	(0.42)	5.446	5.38	5.41	5.40	5.41	5.48	5.32	5.37	5.36	5.32	4.75

Actual Natural Gas Billed

	<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>
Williams	\$ 1,897,936	\$ 2,329,253	\$ 2,552,589
Texas Eastern	\$ 4,330,161	\$ 4,176,341	\$ 4,126,970
Eastern Gas	\$ 249,495	\$ 249,495	\$ 245,902
Spot Purchases -Transco	\$ 3,818	\$ 57,514	\$ 398,999
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ 1,107,475	\$ 5,207,225	\$ 3,599,250
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ -	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ 6,200	\$ 6,200	\$ 6,000
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 2,070,025	\$ 2,070,025	\$ 1,666,000
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ -	\$ -	\$ -
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 3,088,019	\$ 3,042,851	\$ 2,559,137
Transco Supply40	\$ 848,160	\$ 1,231,010	\$ 1,159,800
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ 3,566,550	\$ 3,343,350	\$ 3,003,750
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 560,790	\$ 560,790	\$ 542,700
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 1,501,640	\$ 1,501,640	\$ 1,453,200
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 3,271,710	\$ 2,331,465	\$ 1,148,780
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ -	\$ -	\$ -
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ 798,250	\$ 1,128,400	\$ 1,104,750
Tetco Supply34	\$ 684,015	\$ 640,770	\$ 499,500
Tetco Supply35	\$ 255,475	\$ 2,325	\$ 29,400
Tetco Supply36	\$ -	\$ -	\$ -
Tetco Supply37	\$ -	\$ -	\$ -
Tetco Supply38	\$ -	\$ -	\$ -
Total Costs	\$ 24,239,718	\$ 27,878,654	\$ 24,096,727
Sharing Mechanism	\$ 408,961	\$ 327,747	\$ 245,221
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 174,383	\$ (56,741)	\$ (398,999)
Total Natural Gas Billed	\$ 24,823,062	\$ 28,149,660	\$ 23,942,949

Philadelphia Gas Works' Base Rate Filing

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending September 2022**

	<u>Actual</u>				<u>Projected</u>			<u>Total</u>	<u>Actual Over/Under vs Projected</u>			
	<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>	<u>Total</u>	<u>4th Qtr Filing Jul-22</u>	<u>4th Qtr Filing Aug-22</u>	<u>4th Qtr Filing Sep-22</u>		<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>	<u>Total</u>
Total Natural Gas Billed	\$ 24,823,062	\$ 28,149,660	\$ 23,942,949	\$ 76,915,671	\$ 24,509,166	\$ 25,029,601	\$ 23,219,945	\$ 72,758,712	\$ 313,896	\$ 3,120,059	\$ 723,005	\$ 4,156,960
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 245,552	\$ 283,306	\$ 2,221	\$ 531,079	\$ 212,748	\$ 235,030	\$ 208,633	\$ 656,410	\$ 32,804	\$ 48,276	\$ (206,412)	\$ (125,331)
Gas Used For Utility	\$ 34,442	\$ 47,794	\$ 38,843	\$ 121,079	\$ 32,266	\$ 36,915	\$ 48,287	\$ 117,468	\$ 2,176	\$ 10,879	\$ (9,444)	\$ 3,611
	\$ 24,543,068	\$ 27,818,560	\$ 23,901,885	\$ 76,263,513	\$ 24,264,152	\$ 24,757,657	\$ 22,963,025	\$ 71,984,834	\$ 278,916	\$ 3,060,903	\$ 938,860	\$ 4,278,680
Pipeline Storages												
(To)	\$ (12,371,330)	\$ (15,465,983)	\$ (11,816,408)	\$ (39,653,721)	\$ (12,649,112)	\$ (12,609,467)	\$ (11,234,785)	\$ (36,493,364)	\$ 277,782	\$ (2,856,516)	\$ (581,623)	\$ (3,160,357)
From	\$ 205,563	\$ (424,740)	\$ (303,573)	\$ (522,750)	\$ -	\$ -	\$ -	\$ -	\$ 205,563	\$ (424,740)	\$ (303,573)	\$ (522,750)
Net Pipeline Storages	\$ (12,165,767)	\$ (15,890,723)	\$ (12,119,981)	\$ (40,176,471)	\$ (12,649,112)	\$ (12,609,467)	\$ (11,234,785)	\$ (36,493,364)	\$ 483,345	\$ (3,281,256)	\$ (885,196)	\$ (3,683,107)
LNG Storage												
(To)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,383)	\$ (1,383)	\$ -	\$ -	\$ 1,383	\$ 1,383
From	\$ 275,970	\$ 286,334	\$ 240,304	\$ 802,608	\$ 234,837	\$ 271,792	\$ 255,550	\$ 762,180	\$ 41,133	\$ 14,542	\$ (15,246)	\$ 40,428
Net LNG Storage	\$ 275,970	\$ 286,334	\$ 240,304	\$ 802,608	\$ 234,837	\$ 271,792	\$ 254,167	\$ 760,797	\$ 41,133	\$ 14,542	\$ (13,863)	\$ 41,811
Net Natural Gas	\$ 12,653,271	\$ 12,214,171	\$ 12,022,208	\$ 36,889,650	\$ 11,849,877	\$ 12,419,982	\$ 11,982,407	\$ 36,252,266	\$ 803,394	\$ (205,811)	\$ 39,801	\$ 637,384
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 12,653,271	\$ 12,214,171	\$ 12,022,208	\$ 36,889,650	\$ 11,849,877	\$ 12,419,982	\$ 11,982,407	\$ 36,252,266	\$ 803,394	\$ (205,811)	\$ 39,801	\$ 637,384
Purchased Electric & Misc	\$ 10,541	\$ 13,808	\$ 11,210	\$ 35,559	\$ 30,391	\$ 39,654	\$ 31,196	\$ 101,241	\$ (19,850)	\$ (25,846)	\$ (19,986)	\$ (65,682)
Total GCR Expenses	\$ 12,663,812	\$ 12,227,979	\$ 12,033,418	\$ 36,925,209	\$ 11,880,269	\$ 12,459,636	\$ 12,013,603	\$ 36,353,507	\$ 783,543	\$ (231,657)	\$ 19,815	\$ 571,702

Philadelphia Gas Works' Base Rate Filing

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E-mail: craig.berry@pgworks.com

December 16, 2022

Via E-Filing Only

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: Philadelphia Gas Works (“PGW”) January 1, 2023 Quarterly Distribution System Improvement Charge (“DSIC”) Filing

Dear Secretary Chiavetta:

Enclosed please find the supporting schedules for Philadelphia Gas Works’ (“PGW”) January 1, 2023 Quarterly Distribution System Improvement Charge (“DSIC”) filing. The DSIC rate effective January 1, 2023 remains unchanged from the currently effective rate of 7.5%. Therefore, no tariff supplement is required or enclosed. Please contact me if you have any questions.

Respectfully,

/s/ Craig W. Berry
Craig W. Berry, Esquire

Enclosure

cc: Cert. of Service w/enc.
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CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's Quarterly DSIC filing upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

Via Email

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Dated: December 16, 2022

/s/ Craig W. Berry
Craig W. Berry, Esq.

SUPPORTING SCHEDULES

PGW DSIC to be
Effective January 1, 2023

PHILADELPHIA GAS WORKS
JANUARY 1, 2023 - QUARTERLY FILING
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

Projected Recoverable Annual Costs (DSI)	<u>\$ 38,600,000</u>
2021 Annual Reconciliation (e)	<u>\$ 2,530,962</u> (Page 2)
Total Recoverable Costs (DSI + e)	<u>\$ 41,130,962</u>
Projected Annual Revenues (PAR)	<u>\$ 520,015,302</u> (Page 3)
Distribution System Improvement Charge (DSIC)	<u>7.50%</u>

Formula: The formula for calculation of the DSIC is as follows:

$$\text{DSIC} = \frac{\text{DSI} + e}{\text{PAR}}$$

Where:

DSI = Projected recoverable annual costs

e = The amount calculated under the annual reconciliation feature or Commission audit.

PAR = Projected annual revenues for distribution service (including all applicable clauses and riders) including any revenue from existing customers plus netted revenue from any customers which will be gained or lost by the beginning of the applicable service period.

Philadelphia Gas Works' Base Rate Filing

**PHILADELPHIA GAS WORKS
2021 DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) RECONCILIATION**

	<u>Total DSIC Revenue Billed</u>	<u>DSIC Revenue Billed Allocated to Over / (Under) Collection</u>	<u>Over / (Under) Collection Balance</u>	<u>DSIC Recoverable Costs</u>	<u>DSIC Revenue Billed Allocated to Recoverable Costs</u>	<u>Over/(Under) Collection</u>	<u>Interest Weighting</u>	<u>Interest Rate*</u>	<u>Interest**</u>
	(1)	(2)	(3)	(4)	(5 = 1 - 2)	(6 = 5- 4)	(7)	(8)	(9)
Month									
January 21	\$ 5,903,328	\$ 429,701	\$ 429,701		\$ 5,473,628	\$ 5,473,628	21	3.75%	\$ 359,207
February	\$ 6,898,193	\$ 502,117	\$ 931,818		\$ 6,396,077	\$ 6,396,077	20	3.75%	\$ 399,755
March	\$ 4,824,063	\$ 351,142	\$ 1,282,959		\$ 4,472,921	\$ 4,472,921	19	4.00%	\$ 283,285
2020 Under Collection			\$ (223,966)						
April	\$ 2,756,697	\$ 17,286	\$ 1,076,279		\$ 2,739,411	\$ 2,739,411	18	4.25%	\$ 174,637
May	\$ 1,693,086	\$ 10,616	\$ 1,086,896	\$ 4,754,794	\$ 1,682,470	\$ (3,072,324)	17	4.50%	\$ (195,861)
June	\$ 1,272,270	\$ 7,978	\$ 1,094,873	\$ -	\$ 1,264,293	\$ 1,264,293	16	4.50%	\$ 75,858
July	\$ 1,187,821	\$ 6,952	\$ 1,101,825	\$ -	\$ 1,180,870	\$ 1,180,870	15	4.50%	\$ 66,424
August	\$ 1,192,045	\$ 6,976	\$ 1,108,801	\$ 15,876,181	\$ 1,185,069	\$ (14,691,113)	14	4.50%	\$ (771,283)
September	\$ 1,237,113	\$ 7,240	\$ 1,116,041	\$ -	\$ 1,229,873	\$ 1,229,873	13	4.25%	\$ 56,625
October	\$ 1,332,020	\$ 7,795	\$ 1,123,837	\$ -	\$ 1,324,224	\$ 1,324,224	12	4.25%	\$ 56,280
November	\$ 2,677,513	\$ 15,670	\$ 1,139,507	\$ 10,048,045	\$ 2,661,844	\$ (7,386,201)	11	4.25%	\$ (287,754)
December	\$ 4,573,437	\$ 26,766	\$ 1,166,272	\$ 7,175,564	\$ 4,546,672	\$ (2,628,892)	10	4.50%	\$ (98,583)
Totals	\$ 35,547,587	\$ 1,390,238		\$ 37,854,584	\$ 34,157,349	\$ (3,697,235)			\$ 118,589
2021 under Collection			\$ (2,530,962)						

* Maximum Lawful Rate of Interest for Residential Mortgages for the month posted in the Pennsylvania Bulletin

** Interest is not recoverable in net under-collections

Philadelphia Gas Works' Base Rate Filing

**PHILADELPHIA GAS WORKS
JANUARY 1, 2023 DSIC FILING
Annual Tariff Revenue**

	1st Quarter Filing 12/1/2022			December 1, 2022 PUC Approved Tariff Rates						Amounts in \$000s						
	No. of Customers	No. of Annual Bills	Annual Deliveries (mcf)	Monthly Cust. Charge	OPEB	Univ. Service Charge	Efficiency Cost Recovery Charge	Restructuring & Consumer Education Charge	Delivery Charge	Cust. Charge Revenue	OPEB Revenue	Univ. Service Charge Revenue	Efficiency Cost Recovery Revenue	Restructuring & Consumer Education Revenue	Delivery Charge Revenue	Total Distribution Revenue
1 Non-Heating:																
2 Residential	13,264	159,164	337,789	\$14.90	\$0.3789	\$1.7353	\$0.0125	\$ -	\$7.2955	2,372	128	586	4	0	2,464	5,554
3 Commercial	3,149	37,785	915,615	\$25.35	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	958	347	1,589	38	0	4,753	7,684
4 BUS	26	312	1,465	\$371.80	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	116	1	3	0	0	8	127
5 NGS	1	12	21,959	\$426.06	\$ -	\$ -	\$ -	\$ -	\$2.7500	5	0	0	0	0	60	66
6 Industrial	93	1,111	95,074	\$75.90	\$0.3789	\$1.7353	\$(0.0056)	\$ -	\$5.1668	84	36	165	(1)	0	491	776
7 Municipal/MS	239	2,868	210,646	\$25.35	\$0.3789	\$1.7353	-	\$ -	\$4.7765	73	80	366	0	0	1,006	1,524
8 NGV	2	24	1,784	\$35.00	\$0.3789	\$1.7353	-	\$ -	\$1.2833	1	1	3	0	0	2	7
9 Total Non-Heat Firm	16,773	201,276	1,584,331							3,608	592	2,711	41	0	8,785	15,738
10																
11 Heating:																
12 Residential	449,791	5,397,492	32,347,850	\$14.90	\$0.3789	\$1.7353	\$0.0125	\$ -	\$7.2955	80,423	12,257	56,133	404	0	235,994	385,211
13 Commercial	17,895	214,739	5,872,768	\$25.35	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	5,444	2,225	10,191	241	0	30,484	48,585
14 BUS	9	108	814	\$371.80	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	40	0	1	0	0	4	46
15 TED	3	36	21,952	\$263.35	\$ -	\$ -	\$ -	\$ -	\$2.3330	9	0	0	0	0	51	61
16 Industrial	377	4,529	394,986	\$75.90	\$0.3789	\$1.7353	\$(0.0056)	\$ -	\$5.1668	344	150	685	(2)	0	2,041	3,217
17 Municipal/MS	608	7,294	707,454	\$25.35	\$0.3789	\$1.7353	-	\$ -	\$4.7765	185	268	1,228	0	0	3,379	5,060
18 PHA Rate 8	1,038	12,456	420,005	\$25.35	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.4534	316	159	729	17	0	2,290	3,511
19 PHA/GS	1,978	23,736	169,215	\$14.90	\$0.3789	\$1.7353	\$0.0125	\$ -	\$6.5393	354	64	294	2	0	1,107	1,820
20 Total Heat Firm	471,699	5,660,390	39,935,045							87,114	15,123	69,261	662	0	275,351	447,511
21 Total Heat & Non-Heat Firm	488,472	5,861,666	41,519,376							90,722	15,715	71,972	704	0	284,135	463,249
22																
23 Firm Transport																
24 Non-Heating:																
25 Residential	1,060	12,715	33,722	\$14.90	\$0.3789	\$1.7353	\$0.0125	\$ -	\$7.2955	189	13	59	0	0	246	507
26 Commercial	545	6,543	436,941	\$25.35	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	166	166	758	18	0	2,268	3,376
27 Industrial	35	421	152,797	\$75.90	\$0.3789	\$1.7353	\$(0.0056)	\$ -	\$5.1668	32	58	265	(1)	0	789	1,144
28 Municipal/MS	3	36	1,110	\$25.35	\$0.3789	\$1.7353	-	\$ -	\$4.7765	1	0	2	0	0	5	9
29 NGV	1	12	18,325	\$35.00	\$0.3789	\$1.7353	-	\$ -	\$1.2833	0	7	32	0	0	0	0
30 Total Non Heat FT	1,644	19,727	642,895							389	244	1,116	17	0	3,309	5,035
31																
32 Heating:																
33 Residential	25,558	306,694	2,307,511	\$14.90	\$0.3789	\$1.7353	\$0.0125	\$ -	\$7.2955	4,570	874	4,004	29	0	16,834	26,312
34 Commercial	2,525	30,302	3,121,461	\$25.35	\$0.3789	\$1.7353	\$0.0410	\$ -	\$5.1908	768	1,183	5,417	128	0	16,203	23,698
35 Industrial	62	744	167,831	\$75.90	\$0.3789	\$1.7353	\$(0.0056)	\$ -	\$5.1668	56	64	291	(1)	0	867	1,278
36 Municipal/MS	15	180	40,326	\$25.35	\$0.3789	\$1.7353	-	\$ -	\$4.7765	5	15	70	0	0	193	282
37 PHA	48	579	18,694	\$35.00	\$0.3789	\$1.7353	-	\$ -	\$5.4534	20	7	32	0	0	102	162
38 Total Heat FT	28,208	338,499	5,655,823							5,419	2,143	9,815	156	0	34,199	51,732
39 Total FT	29,852	358,226	6,298,718							5,808	2,387	10,930	173	0	37,508	56,767
40 Total PGW	518,324	6,219,892	47,818,094							96,530	18,102	82,903	877	0	321,643	520,015

PHILADELPHIA GAS WORKS
JANUARY 1, 2023 - QUARTERLY FILING
2022 REVENUE & RECOVERABLE COSTS - YTD

<u>Month</u>		<u>Total DSIC</u> <u>Revenue Billed</u>	<u>DSIC Recoverable</u> <u>Costs</u>
January 2022	Actual	\$ 6,256,904	\$ -
February	Actual	\$ 6,509,241	\$ -
March	Actual	\$ 4,768,874	\$ -
April	Actual	\$ 3,431,894	\$ -
May*	Actual	\$ 2,099,887	\$ 13,880,117
June	Actual	\$ 1,426,131	\$ -
July	Actual	\$ 1,286,183	\$ -
August	Actual	\$ 1,216,809	\$ 12,716,373
September	Actual	\$ 1,249,544	
October	Actual	\$ 1,755,791	
November	Actual	\$ 2,549,579	\$ 14,500,195

* Total DSIC Revenue Billed for May was revised

Philadelphia Gas Works' Base Rate Filing

PHILADELPHIA GAS WORKS
11/30/2022
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

RECOVERABLE COSTS					
FERC Account #	PGW Project #	Location	Project Class	November	Total
376	411879	5400 Torresdale; 2100 Betts; 2100 Kennedy; 2100 Larue; 2100 Simon; 2100 Fraley	20" LP	\$2,494,001.36	\$2,494,001.36
376	411917	5100 Keyser, 100-200 Manheim, 5000 Wayne, 2000 Seymour	12" LP	\$832,943.77	\$832,943.77
376	411944	2200-2800 Allegheny Ave, 3100 Pennock	12" LP	\$1,657,012.02	\$1,657,012.02
376	411968	6900 Henley, 6900 Wayne, 700 Carpenter	12" LP	\$974,213.45	\$974,213.45
376	412013	48th St - Market to Springfield; Springfield 49th to 48th	20" HP	\$5,627,887.89	\$5,627,887.89
376	412014	4700-5100 Parkside Ave	12" HP	\$1,532,420.68	\$1,532,420.68
376	412025	Flatrock- Main St, Ridge Ave	20" HP	\$1,381,715.50	\$1,381,715.50
		SUB-TOTAL NEW PROJECTS		\$14,500,194.67	\$14,500,194.67

Grand Total Recoverable Costs (DSIC) \$14,500,194.67