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November 30, 2015

Via Hand Delivery

Rosemary Chiavetta, Secretary
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Pa. PUC v. Philadelphia Gas Works (1st Quarter 2015-2016 GCR Tariff Supplements)
Docket No.: R-2015-2465656

Dear Secretary Chiavetta:

On behalf of Philadelphia Gas Works ("PGW"), enclosed please find PGW Gas Service Tariff, Pa. P.U.C. No. 2 Supplement 88; and, PGW Gas Supplier Tariff, Pa. P.U.C. No. 1 Supplement No. 63 which implement PGW's 1st Quarter 2015-2016 Gas Cost Rate ("GCR").

Sincerely,

Deanne M. O'Dell
DMO/lww
Enclosure

cc: Cert. of Service w/enc
Raquel Guzman, VP Legal & Associate General Counsel, PGW
Marissa Boyle (maboyle@pa.gov)

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PA PUC
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SUPPORTING SCHEDULES

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1ST QUARTER FILING - DECEMBER 1, 2015

TABLE OF CONTENTS

Levelized Gas Cost Rate.....	Schedule 1
Price to Compare (SMCF)	Schedule 1(a)
Sales & Volumes.....	Schedule 2
Projected Applicable Fuel Expense.....	Schedule 3
Interruptible Revenue Credit – December 1, 2015.....	Schedule 4(a)
Interruptible Margin – December 2015 through November 2016.....	Schedule 4(b)
IRC Final Reconciliation - Fiscal Year 2015.....	Schedule 4(c)
Interest Rate Calculation.....	Schedule 5(a)
Interest Calculation.....	Schedule 5(b)
Interest on Natural Gas Refunds.....	Schedule 5(c)
Demand and Commodity Interest Calculation.....	Schedule 5(d)
Fiscal Year 2015 Actual Data – September 2014 Through August 2015.....	Schedule 6(a)
C-Factor Reconciliation – September 2014 Through August 2015.....	Schedule 6(b)
E-Factor Reconciliation - Fiscal Year 2015.....	Schedule 6(c)
IRC Revenue Billed - September 2014 Through August 2015.....	Schedule 6(d)
Reconciliation of Demand Charges - September 2014 Through August 2015.....	Schedule 6(e)
Fiscal Year 2016 Actual Data – September 2015 Through October 2015.....	Schedule 7(a)
C-Factor Reconciliation – September 2015 Through October 2015.....	Schedule 7(b)
E-Factor Reconciliation - Fiscal Year 2016.....	Schedule 7(c)
IRC Revenue Billed - September 2015 Through October 2015.....	Schedule 7(d)
Reconciliation of Demand Charges - September 2015 Through October 2015.....	Schedule 7(e)
Calculation of Recovered Charges.....	Schedule 8
Changes in Rates.....	Schedule 9
Universal Service & Energy Conservation Surcharge (USC).....	Schedule 10
USC Statement of Reconciliation - September 2015 Through November 2015.....	Schedule 11
FY 15 USC - Finalized Statement of Reconciliation	Schedule 12

Efficient Cost Recovery Surcharge.....	Schedule 13(a)
Efficiency Cost Recovery (ECR) Surcharge- Statement of Reconciliation.....	Schedule 13(b)
Efficiency Cost Recovery (ECR) Surcharge- Statement of Reconciliation FY 2015	Schedule 13(c)
Load Balancing Surcharge – December 1, 2015.....	Schedule 14
Unaccounted For Factor (UAF) and Retainage Rate.....	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
1st Qtr Filing - December 1, 2015

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			46,054,988	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 58,175,160	\$ 114,516,293	\$ 172,691,453	
Purchased Electric & Misc Expenses	\$ -	\$ 841,230	\$ 841,230	
Total Natural Gas Expense	\$ 58,175,160	\$ 115,357,523	\$ 173,532,683	Schedule 3
C-Factor Reconciliation	\$ 6,987,833	\$ 1,375,470	\$ 8,363,303	Schedule 7(b)
C = Total Applicable GCR Expense	\$ 65,162,994	\$ 116,732,993	\$ 181,895,987	
SSC = C / S	\$ 1.4149	\$ 2.5346	\$ 3.9495	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			40,612,366	
E-Factor Reconciliation	\$ (3,602,526)	\$ (3,965,806)	\$ (7,568,331)	Schedule 7(c)
E = E-Factor	\$ (0.0887)	\$ (0.0977)	\$ (0.1864)	
<hr/>				
Interruptible Revenue Credit			\$ 41,965	Schedule 4(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0009	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 174,285,691	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.7622	
<hr/>				
SSC in effect 12/01/15	\$ 1.3901	\$ 2.4903	\$ 3.8804	
GAC in effect 12/01/15	\$ (0.0886)	\$ (0.0975)	\$ (0.1861)	
IRC in effect 12/01/15			\$ (0.0009)	
GCR in effect 12/01/15			\$ 3.6934	Schedule 8
<hr/>				

Recovery Test on:

Firm Sales (Mcf)	46,054,988	
= GCR Projected Recovery	\$ 172,234,660	
= Load Balancing Revenue	\$ 1,074,526	
= LNG Sales Demand Revenue	\$ 978,849	
= Total Projected Recovery	\$ 174,288,035	Schedule 8
Compared To		
Net Applicable GCR Expenses	\$ 174,285,691	
= Net Over/(Under) Recovery	\$ 2,345	

Degree Days

4,237

Philadelphia Gas Works

Price To Compare (\$ / MCF)

December 1, 2015

	<u>GCR</u>	<u>GCA</u>	<u>SSC</u>	<u>MFC</u>	<u>MFC Charge</u>	<u>GPC Charge</u>	<u>GAC</u>	<u>Price to Compare</u>
	1	2	3 = (1 - 2)	4	5 = (1 * 4)	6	7	8 = (3 + 5 + 6 + 7)
Residential GS	\$3.6934	(\$0.1870)	\$3.8804	4.68%	\$0.1729	\$0.0400	(\$0.1861)	\$3.9072
Commercial GS	\$3.6934	(\$0.1870)	\$3.8804	0.28%	\$0.0103	\$0.0400	(\$0.1861)	\$3.7446
Industrial GS	\$3.6934	(\$0.1870)	\$3.8804	0.30%	\$0.0111	\$0.0400	(\$0.1861)	\$3.7454
Phila. Housing Authority (PHA)	\$3.6934	(\$0.1870)	\$3.8804	0%	\$0.0000	\$0.0400	(\$0.1861)	\$3.7343
Municipal (MS)	\$3.6934	(\$0.1870)	\$3.8804	0%	\$0.0000	\$0.0400	(\$0.1861)	\$3.7343
NGV Firm	\$3.6934	(\$0.1870)	\$3.8804	0%	\$0.0000	\$0.0400	(\$0.1861)	\$3.7343
Phila. Housing Authority (GS)	\$3.6934	(\$0.1870)	\$3.8804	0%	\$0.0000	\$0.0400	(\$0.1861)	\$3.7343

SALES & VOLUMES

DECEMBER 2015 THROUGH NOVEMBER 2016

MONTH	TOTAL		FIRM		BILLED SALES 3 = (1-2)	INTERRUPTIBLE SALES 4	LNG SALES 4A	AIR CONDITIONING SALES 4B	GCR FIRM SALES 5 = (3-4-4A-4B)	SENIOR CITIZEN DISCOUNT SALES 6	APPLICABLE VOLUMES 7 = (5-6+2)
	VOLUMES 1	VOLUMES 2	TRANSPORT VOLUMES 2	VOLUMES 1							
DECEMBER 2015	6,524,705	601,606	601,606	5,923,099	116	-	-	5,922,983	39,097	6,485,492	
JANUARY 2016	10,357,452	804,413	804,413	9,553,039	115	-	-	9,552,924	64,722	10,292,615	
FEBRUARY	9,218,093	706,999	706,999	8,511,094	108	29,000	-	8,481,986	56,620	9,132,364	
MARCH	7,197,691	566,023	566,023	6,631,669	115	31,000	-	6,600,553	42,943	7,123,633	
APRIL	4,820,540	365,192	365,192	4,455,349	112	75,000	-	4,380,237	27,890	4,717,539	
MAY	2,367,888	217,762	217,762	2,150,126	115	77,500	47	2,072,464	11,879	2,278,347	
JUNE	1,430,462	174,924	174,924	1,255,538	112	75,000	2,363	1,178,063	5,429	1,347,559	
JULY	1,309,324	166,427	166,427	1,142,897	115	77,500	3,443	1,061,840	4,680	1,223,586	
AUGUST	1,169,464	148,331	148,331	1,021,133	115	77,500	2,971	940,548	4,100	1,084,779	
SEPTEMBER	1,174,294	153,115	153,115	1,021,179	111	82,192	2,098	936,778	3,961	1,085,932	
OCTOBER	1,824,542	232,525	232,525	1,592,017	115	84,932	539	1,506,432	7,000	1,731,957	
NOVEMBER	3,906,565	404,082	404,082	3,502,483	111	82,192	-	3,420,180	18,288	3,805,974	
TOTAL	51,301,022	4,541,398	4,541,398	46,759,624	1,360	691,815	11,461	46,054,988	286,610	50,309,776	

**Projected Applicable Fuel Expense
SUMMARY**
FY 2015-2016 1st Quarter Filing

	DECEMBER 2015	JANUARY 2016	FEBRUARY 2016	MARCH 2016	APRIL 2016	MAY 2016	JUNE 2016	JULY 2016	AUGUST 2016	SEPTEMBER 2016	OCTOBER 2016	NOVEMBER 2016	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$4,922,373	\$4,922,373	\$4,947,677	\$4,862,940	\$4,656,081	\$4,629,997	\$4,656,081	\$4,629,997	\$4,629,997	\$5,089,600	\$5,077,966	\$5,150,079	\$58,175,160
COMMODITY CHARGE	\$14,637,975	\$16,242,332	\$10,434,552	\$10,955,103	\$9,124,542	\$7,643,201	\$5,632,052	\$5,244,223	\$5,287,719	\$5,738,865	\$9,796,974	\$10,027,841	\$110,775,377
TOTAL NATURAL GAS BILLED	\$19,560,348	\$21,164,705	\$15,382,229	\$15,828,044	\$13,780,623	\$12,273,198	\$10,288,133	\$9,874,220	\$9,917,716	\$10,828,465	\$14,874,940	\$15,177,919	\$168,950,538
INTERRUPTIBLE & A/C CREDIT	\$282	\$296	\$285	\$282	\$255	\$363	\$5,284	\$7,782	\$6,801	\$4,969	\$1,644	\$273	\$28,516
SENDOUT VOLUME IN MCF	120	119	111	119	115	168	2,554	3,672	3,184	2,280	675	115	13,232
DKT CONVERSION FACTOR	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056
PRICE \$/DKT	\$2,2351	\$2,3536	\$2,4206	\$2,2423	\$2,0971	\$2,0516	\$1,9692	\$2,0072	\$2,0224	\$2,0637	\$2,3061	\$2,2530	\$2,2530
GAS USED FOR UTILITY	\$123,819	\$163,404	\$182,187	\$145,665	\$74,981	\$17,176	\$18,368	\$10,964	\$17,611	\$22,872	\$31,824	\$65,012	\$873,883
NATURAL GAS TO STORAGE	\$0	\$0	\$0	\$0	\$2,566,684	(\$3,532,769)	(\$3,384,207)	(\$3,309,414)	(\$3,338,335)	(\$3,203,071)	(\$3,025,823)	\$0	(\$22,356,304)
FROM STORAGE PGW	\$4,288,288	\$6,001,914	\$9,719,633	\$4,792,144	\$1,313,484	\$0	\$0	\$0	\$0	\$0	\$0	\$2,584,228	\$28,699,691
FT FROM STORAGE	\$273,667	\$418,991	\$322,845	\$132,930	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$44,107	\$1,195,740
NET NATURAL GAS STORAGE	\$4,288,288	\$6,001,914	\$9,719,633	\$4,792,144	(\$1,248,200)	(\$3,532,769)	(\$3,384,207)	(\$3,309,414)	(\$3,338,335)	(\$3,203,071)	(\$3,025,823)	\$2,584,228	\$6,343,387
LNG TO STORAGE	(\$661,043)	(\$124,509)	(\$251,247)	(\$1,127,289)	(\$852,431)	(\$689,790)	(\$413,729)	\$0	\$0	(\$156,872)	(\$814,240)	(\$1,031,261)	(\$6,122,412)
FROM LNG PGW	\$362,027	\$1,044,989	\$1,024,647	\$357,950	\$491,154	\$493,974	\$470,384	\$482,802	\$482,802	\$490,254	\$503,782	\$479,104	\$6,684,071
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	(\$299,016)	\$920,481	\$773,600	(\$769,339)	(\$361,276)	(\$195,816)	\$56,655	\$482,802	\$482,802	\$333,382	(\$310,458)	(\$652,156)	\$561,659
LNG SALES FROM LNG TANK	\$0	\$0	\$101,825	\$108,508	\$256,065	\$256,479	\$243,458	\$249,287	\$249,287	\$264,378	\$272,333	\$260,112	\$2,261,731
SENDOUT VOLUMES (MCF)	0	0	29,000	31,000	75,000	77,500	75,000	77,500	77,500	82,192	84,932	82,192	691,815
@ AVG LNG COMMODITY RATE	\$3,5448	\$3,5177	\$3,5112	\$3,5003	\$3,4142	\$3,3094	\$3,2461	\$3,2166	\$3,2166	\$3,2166	\$3,2065	\$3,1647	\$3,1647
NET NATURAL GAS EXPENSE	\$23,425,518	\$27,923,400	\$25,581,165	\$19,596,393	\$11,838,844	\$6,270,595	\$6,693,472	\$6,779,575	\$6,788,484	\$7,666,557	\$11,232,858	\$16,884,593	\$172,691,453
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$23,425,518	\$27,923,400	\$25,581,165	\$19,596,393	\$11,838,844	\$6,270,595	\$6,693,472	\$6,779,575	\$6,788,484	\$7,666,557	\$11,232,858	\$16,884,593	\$172,691,453
PURCHASED ELECTRIC & MISC PLANALYTICS	\$79,674	\$111,537	\$97,034	\$82,055	\$57,294	\$43,421	\$36,597	\$43,093	\$36,603	\$29,183	\$52,579	\$47,261	\$716,230
	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$23,505,092	\$28,159,936	\$25,688,199	\$19,678,448	\$11,896,138	\$6,314,016	\$6,730,069	\$6,822,668	\$6,825,088	\$7,695,740	\$11,285,437	\$16,931,854	\$173,532,683
TOTAL GCR FIRM SALES	5,922,983	9,552,924	8,481,986	6,600,553	4,380,237	2,072,464	1,178,063	1,061,840	940,548	936,778	1,506,432	3,420,180	46,054,988

INTERRUPTIBLE REVENUE CREDIT
December 1, 2015

Fiscal Year 2015 Reconciliation (8/31/15) \$ 33,111 Schedule 4(c)

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-15	Actual \$ (679)	\$ 417	
October	Actual \$ (1,073)	\$ 11,721	
November	Estimated \$ (2,637)	\$ 84	
Act/Est IRC Credit September 2015 to November 2015	<u>\$ (4,389)</u>		
Act/Est Margin September 2015 to November 2015		<u>\$ 12,222</u>	\$ 12,222
FY 2015 Reconciliation Plus Act/Est Margin September 2015 to November 2015			<u>\$ 45,334</u>
<hr/>			
FY 2015 Reconciliation Plus Act/Est Margin September 2015 to November 2015			\$ 45,334
Act/Est IRC Credit September 2015 to November 2015			<u>\$ (4,389)</u>
Reconciliation as of November 30, 2015			\$ 40,945
Margin - December 2015 through November 2016			<u>\$ 1,020</u> Schedule 4(b)
December 1, 2015 Interruptible Revenue Credit			\$ 41,965
<hr/>			
GCR Firm Sales			46,054,988 Schedule 2
<hr/>			
December 1, 2015 IRC/Mcf			\$ 0.0009

INTERRUPTIBLE REVENUE MARGIN
1ST QTR FILING

<u>MONTH</u>		<u>MARGIN</u>
December-15	Estimated	\$ 87
January-16	Estimated	\$ 86
February	Estimated	\$ 81
March	Estimated	\$ 86
April	Estimated	\$ 84
May	Estimated	\$ 86
June	Estimated	\$ 84
July	Estimated	\$ 86
August	Estimated	\$ 86
September	Estimated	\$ 83
October	Estimated	\$ 86
November	Estimated	\$ 83
Total		\$ <u>1,020</u>

INTERRUPTIBLE REVENUE CREDIT
FY 2015

Fiscal Year 2014 Reconciliation (8/31/14) \$ (249,894)

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>
September-14	Actual \$ 4,839	\$ 13,329
October	Actual \$ 6,274	\$ 18,824
November	Actual \$ 15,342	\$ 28,089
December	Actual \$ 26,590	\$ 14,728
January-15	Actual \$ 26,324	\$ 22,004
February	Actual \$ 30,673	\$ 32,710
March	Actual \$ 18,641	\$ -
April	Actual \$ 5,053	\$ 13,779
May	Actual \$ 1,999	\$ 3,431
June	Actual \$ 174	\$ 124
July	Actual \$ (689)	\$ 708
August	Actual \$ (651)	\$ 710

Actual IRC Credit September 2014 to August 2015	\$ 134,569		
Actual Margin September 2014 to August 2015		\$ 148,437	\$ 148,437

FY 2014 Reconciliation Plus Actual Margin September 2014 to August 2015 \$ (101,458)

FY 2014 Reconciliation Plus Actual Margin September 2014 to August 2015			\$ (101,458)
Actual IRC Credit September 2014 to August 2015			<u>\$ 134,569</u>
Reconciliation as of August 31, 2015			\$ 33,111

**CALENDAR YEAR 2014
PHILADELPHIA GAS WORKS
INTEREST RATE CALCULATION**

MONTH.	C FACTOR			
	NET COST OF FUEL 1 (\$)	% of GCR REVENUE BILLED 2 (\$)	OVER/ (UNDER) RECOVERY 3 = (2 - 1) (\$)	INTEREST RATE 4 (\$)
JANUARY 2014	57,443,177	48,009,109	(9,434,068)	
FEBRUARY	50,964,979	54,239,390	3,274,411	
MARCH	46,529,237	49,022,098	2,492,861	
APRIL	15,631,353	28,712,433	14,081,080	
MAY	15,621,071	13,568,658	(2,052,413)	
JUNE	7,255,770	8,177,775	922,005	
JULY	5,873,858	6,816,944	943,086	
AUGUST	9,199,583	6,204,698	(2,994,886)	
SEPTEMBER	10,246,576	6,238,589	(4,007,988)	
OCTOBER	11,229,571	6,939,243	(4,290,328)	
NOVEMBER	27,711,117	16,838,709	(10,872,409)	
DECEMBER	33,850,408	36,140,928	2,290,520	
Total	291,556,701	281,908,572	(9,648,129)	6%

**FISCAL YEAR 2015
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

MONTH	NET COST OF FUEL (1)	TOTAL C FACTOR REVENUE BILLED (1)	OVER/ (UNDER) RECOVERY 3 = (2 - 1)	INTEREST RATE (2)	TIME FACTOR 5	INTEREST EXPENSE 6 = (3*4*5)	INTEREST NATURAL GAS REFUNDS (3) 7	TOTAL INTEREST 8 = (6+7)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 14	10,246,576	6,238,589	(4,007,988)	6%	18/12	(360,719)	-	(360,719)
OCTOBER	11,229,571	6,939,243	(4,290,328)	6%	17/12	(364,678)	-	(364,678)
NOVEMBER	27,711,117	16,838,709	(10,872,409)	6%	16/12	(869,793)	-	(869,793)
DECEMBER	33,850,408	36,140,928	2,290,520	6%	15/12	171,789	-	171,789
JANUARY 15	44,475,311	46,898,006	2,422,695	6%	14/12	189,589	-	189,589
FEBRUARY	49,443,136	54,569,367	5,126,231	6%	13/12	333,205	-	333,205
MARCH	31,185,138	44,760,816	13,575,678	6%	12/12	814,541	-	814,541
APRIL	11,837,315	22,304,657	10,467,342	6%	11/12	575,704	-	575,704
MAY	8,878,270	8,871,471	(6,799)	6%	10/12	(340)	-	(340)
JUNE	6,006,339	5,082,417	(923,922)	6%	9/12	(41,576)	-	(41,576)
JULY	6,929,530	4,254,596	(2,674,934)	6%	8/12	(106,997)	-	(106,997)
AUGUST	6,719,769	4,027,065	(2,692,704)	6%	7/12	(94,245)	-	(94,245)
Total	248,512,480	256,925,863	8,413,382			226,479	-	226,479
TOTAL INTEREST								226,479

(1) See Schedule 6(b)

(2) See Schedule 5(a)

(3) See Schedule 5(c)

**FISCAL YEAR 2015
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 14	0	6%	18/12	0
OCTOBER	0	6%	17/12	0
NOVEMBER	0	6%	16/12	0
DECEMBER	0	6%	15/12	0
JANUARY 15	0	6%	14/12	0
FEBRUARY	0	6%	13/12	0
MARCH	0	6%	12/12	0
APRIL	0	6%	11/12	0
MAY	0	6%	10/12	0
JUNE	0	6%	9/12	0
JULY	0	6%	8/12	0
AUGUST	0	6%	7/12	0
TOTAL	0			0

(1) See Schedule 6(b)

**FISCAL YEAR 2015
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER) RECOVERY (1)	DEMAND CHARGE OVER/(UNDER) RECOVERY (2)	COMMODITY CHARGE OVER/(UNDER) RECOVERY	INTEREST RATE	TIME FACTOR	DEMAND INTEREST EXPENSE	COMMODITY INTEREST EXPENSE	TOTAL INTEREST EXPENSE	INTEREST ON REFUNDS (3)	TOTAL INTEREST
	1	2	3=(1-2)	4	5	6=(2*4*5)	7=(3*4*5)	8=(6+7)	9	10=(8+9)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 14	(4,007,988)	(3,440,281)	(567,707)	6%	18/12	(309,525)	(51,094)	(360,719)	0	(360,719)
OCTOBER	(4,290,328)	(3,091,684)	(1,198,644)	6%	17/12	(262,793)	(101,885)	(364,678)	0	(364,678)
NOVEMBER	(10,872,409)	(770,974)	(10,101,435)	6%	16/12	(61,678)	(808,115)	(869,793)	0	(869,793)
DECEMBER	2,290,520	4,389,390	(2,098,870)	6%	15/12	329,204	(157,415)	171,789	0	171,789
JANUARY 15	2,422,695	7,067,708	(4,645,012)	6%	14/12	494,740	(325,151)	169,589	0	169,589
FEBRUARY	5,126,231	8,723,666	(3,597,435)	6%	13/12	567,038	(233,833)	333,205	0	333,205
MARCH	13,575,678	5,958,512	7,617,165	6%	12/12	357,511	457,030	814,541	0	814,541
APRIL	10,467,342	144,954	10,322,388	6%	11/12	7,973	567,731	575,704	0	575,704
MAY	(6,799)	(3,220,471)	3,213,672	6%	10/12	(161,024)	160,684	(340)	0	(340)
JUNE	(923,922)	(3,764,138)	2,840,216	6%	9/12	(169,386)	127,810	(41,576)	0	(41,576)
JULY	(2,674,934)	(3,771,887)	1,096,953	6%	8/12	(150,875)	43,878	(106,997)	0	(106,997)
AUGUST	(2,692,704)	(4,142,333)	1,449,629	6%	7/12	(144,982)	50,737	(94,245)	0	(94,245)
TOTAL FY 2015	8,413,382	4,082,462	4,330,921			496,102	(269,623)	226,479	0	226,479

(1) See Schedule 5(b)

(2) See Schedule 5(e)

(3) See Schedule 5(c)

**ACTUAL DATA - FISCAL YEAR 2015
PHILADELPHIA GAS WORKS**

Rate	7/1/2014	Split Month 9/1/2014	10/1/2014	Split Month 12/1/2014	1/1/2015	Split Month 3/1/2015	4/1/2015	Split Month 6/1/2015	7/1/2015
	SSC in Effect	\$ 6.6635	\$ 6.1070	\$ 5.5505	\$ 5.6090	\$ 5.6674	\$ 5.0328	\$ 4.3982	\$ 4.3184
GAC in Effect	\$ (0.1040)	\$ 0.1037	\$ 0.3114	\$ 0.3192	\$ 0.3270	\$ 0.3169	\$ 0.3067	\$ 0.1205	\$ (0.0657)
IRC in Effect	\$ 0.0047	\$ 0.0049	\$ 0.0051	\$ 0.0042	\$ 0.0032	\$ 0.0021	\$ 0.0010	\$ 0.0002	\$ (0.0007)
Total Effective	\$ 6.5642	\$ 6.2156	\$ 5.8670	\$ 5.9323	\$ 5.9976	\$ 5.3518	\$ 4.7059	\$ 4.4390	\$ 4.1721
Percentage of Total									
C-Factor	101.5%	98.3%	94.6%	94.5%	94.5%	94.0%	93.5%	97.3%	101.6%
E-Factor	-1.6%	1.7%	5.3%	5.4%	5.5%	5.9%	6.5%	2.7%	-1.6%
IRC-Factor	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 0.9822	\$ 1.1263	\$ 1.2704	\$ 1.3366	\$ 1.4027	\$ 1.1953	\$ 0.9879	\$ 0.9192	\$ 0.8504
Commodity in Effect	\$ 5.6813	\$ 4.9807	\$ 4.2801	\$ 4.2724	\$ 4.2647	\$ 3.8375	\$ 3.4103	\$ 3.3992	\$ 3.3881
	\$ 6.6635	\$ 6.1070	\$ 5.5505	\$ 5.6090	\$ 5.6674	\$ 5.0328	\$ 4.3982	\$ 4.3184	\$ 4.2385
Percentage of Total									
Demand Charge in Effect	14.7%	18.4%	22.9%	23.8%	24.8%	23.8%	22.5%	21.3%	20.1%
Commodity in Effect	85.3%	81.6%	77.1%	76.2%	75.2%	76.2%	77.5%	78.7%	79.9%
	100%	100%	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2014 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2014 Final E-Factor
	\$ (13,421,204)	\$ (12,302)	\$ (1,021,951)	\$ (14,455,457)

Actual Fiscal Year 2014-2015	Sep-2014	Oct-2014	Nov-2014	Dec-2014	Jan-2015	Feb-2015	Mar-2015	Apr-2015	May-2015	*Revised Jun-2015	*Revised Jul-2015	Aug-2015	FY-2015 Totals
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
GCR Firm Sales	985,610	1,231,063	3,009,779	6,408,636	8,228,767	9,585,393	8,863,287	5,040,612	1,998,491	1,151,587	981,686	925,163	48,410,074
Migration Rider Sales	14,041	16,506	29,423	48,669	63,374	75,847	60,531	38,434	25,358	21,392	23,220	20,239	437,035
GCR Revenue Billed	\$ 6,137,819	\$ 7,217,520	\$ 17,649,014	\$ 38,010,260	\$ 49,336,834	\$ 57,489,686	\$ 47,505,901	\$ 23,781,190	\$ 9,407,980	\$ 5,143,714	\$ 4,107,752	\$ 3,882,657	\$ 269,670,327
Migration Rider Revenue Billed	\$ 2,246	\$ 5,122	\$ 9,163	\$ 15,620	\$ 20,715	\$ 24,734	\$ 15,209	\$ 11,788	\$ 7,778	\$ 1,766	\$ (1,899)	\$ (702)	\$ 111,540
*Load Balancing Billed	\$ 103,393	\$ 81,005	\$ 79,953	\$ 82,062	\$ 84,045	\$ 81,748	\$ 82,227	\$ 78,424	\$ 78,641	\$ 78,507	\$ 81,468	\$ 82,615	\$ 994,087
LNG Sales Demand Charge Credit	\$ 104,617	\$ 30,073	\$ 61,832	\$ 120,419	\$ 193,385	\$ 163,048	\$ 3,912	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 677,286
Total Revenue Billed	\$ 6,348,075	\$ 7,333,720	\$ 17,799,961	\$ 38,228,361	\$ 49,634,978	\$ 57,759,216	\$ 47,607,250	\$ 23,871,402	\$ 9,494,399	\$ 5,223,987	\$ 4,187,321	\$ 3,964,570	\$ 271,453,240
Natural Gas Refunds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand Charges	\$ 4,758,384	\$ 4,766,704	\$ 4,736,382	\$ 4,378,554	\$ 4,752,213	\$ 4,966,561	\$ 4,721,914	\$ 4,913,090	\$ 5,273,421	\$ 4,901,126	\$ 4,688,181	\$ 5,011,707	\$ 57,868,237
Supply Charges	\$ 5,488,192	\$ 6,462,867	\$ 22,974,735	\$ 29,471,854	\$ 39,723,098	\$ 44,476,575	\$ 26,463,224	\$ 6,924,225	\$ 3,604,849	\$ 1,105,213	\$ 2,241,349	\$ 1,708,062	\$ 190,644,243
Net Cost of Fuel	\$ 10,246,576	\$ 11,229,571	\$ 27,711,117	\$ 33,850,408	\$ 44,475,311	\$ 49,443,136	\$ 31,185,138	\$ 11,837,315	\$ 8,878,270	\$ 6,006,339	\$ 6,929,530	\$ 6,719,769	\$ 248,512,480

**FISCAL YEAR 2015
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		REVENUE	
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2014	10,246,576	6,137,819	98.3%	6,030,578	103,393	104,617	6,238,589	0	(4,007,988)	(4,007,988)
OCTOBER	11,229,571	7,217,520	94.6%	6,828,165	81,005	30,073	6,939,243	0	(4,290,328)	(8,298,316)
NOVEMBER	27,711,117	17,649,014	94.6%	16,696,924	79,953	61,832	16,838,709	0	(10,872,409)	(19,170,725)
DECEMBER	33,850,408	38,010,260	94.5%	35,938,446	82,062	120,419	36,140,928	0	2,290,520	(16,880,204)
JANUARY 2015	44,475,311	49,336,834	94.5%	46,620,577	84,045	193,385	46,898,006	0	2,422,695	(14,457,509)
FEBRUARY	49,443,136	57,489,686	94.5%	54,324,571	81,748	163,048	54,569,367	0	5,126,231	(9,331,278)
MARCH	31,185,138	47,505,901	94.0%	44,674,676	82,227	3,912	44,760,816	0	13,575,678	4,244,399
APRIL	11,837,315	23,781,190	93.5%	22,226,233	78,424	0	22,304,657	0	10,467,342	14,711,742
MAY	8,878,270	9,407,980	93.5%	8,792,830	78,641	0	8,871,471	0	(6,799)	14,704,942
JUNE	6,006,339	5,143,714	97.3%	5,003,910	78,507	0	5,082,417	0	(923,922)	13,781,021
JULY	6,929,530	4,107,752	101.6%	4,173,128	81,468	0	4,254,596	0	(2,674,934)	11,106,086
AUGUST	6,719,769	3,882,657	101.6%	3,944,450	82,615	0	4,027,065	0	(2,692,704)	8,413,382
Totals	248,512,480	269,670,327		255,254,489	994,087	677,286	256,925,863	0	8,413,382	

**FISCAL YEAR 2015
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1 (MCF)	MIGRATION RIDER SALES 2 (MCF)	TOTAL E-FACTOR VOLUMES 3=(1 + 2) (MCF)	TOTAL GCR REVENUE 4 (\$)	E-FACTOR % of GCR 5	E-FACTOR GCR REVENUE BILLED 6=(4 * 5) (\$)	MIGRATION RIDER REVENUES 7 (\$)	TOTAL E-FACTOR REVENUE 8=(6 + 7) (\$)	OVER/(UNDER) PROJECTED RECOVERY (9) (\$)
PRIOR YEAR E-FACTOR										\$ (14,455,457)
MONTH										
SEPTEMBER 2014	Actual	985,610	14,041	999,651	\$ 6,137,819	1.7%	\$ 102,402	\$ 2,246	\$ 104,648	\$ (14,350,809)
OCTOBER	Actual	1,231,063	16,506	1,247,569	\$ 7,217,520	5.3%	\$ 383,081	\$ 5,122	\$ 388,203	\$ (13,962,606)
NOVEMBER	Actual	3,009,779	29,423	3,039,202	\$ 17,649,014	5.3%	\$ 936,748	\$ 9,163	\$ 945,911	\$ (13,016,695)
DECEMBER	Actual	6,408,636	48,669	6,457,305	\$ 38,010,260	5.4%	\$ 2,045,223	\$ 15,620	\$ 2,060,843	\$ (10,955,852)
JANUARY 2015	Actual	8,228,767	63,374	8,292,141	\$ 49,336,834	5.5%	\$ 2,689,933	\$ 20,715	\$ 2,710,648	\$ (8,245,204)
FEBRUARY	Actual	9,585,393	75,847	9,661,240	\$ 57,489,686	5.5%	\$ 3,134,442	\$ 24,734	\$ 3,159,176	\$ (5,086,028)
MARCH	Actual	8,863,287	60,531	8,923,818	\$ 47,505,901	5.9%	\$ 2,812,584	\$ 15,209	\$ 2,827,793	\$ (2,258,235)
APRIL	Actual	5,040,612	38,434	5,079,046	\$ 23,781,190	6.5%	\$ 1,549,904	\$ 11,788	\$ 1,561,691	\$ (696,544)
MAY	Actual	1,998,491	25,358	2,023,849	\$ 9,407,980	6.5%	\$ 613,151	\$ 7,778	\$ 620,929	\$ (75,615)
JUNE	Actual	1,151,587	21,392	1,172,979	\$ 5,143,714	2.7%	\$ 139,630	\$ 1,766	\$ 141,396	\$ 65,781
JULY	Actual	981,686	23,220	1,004,906	\$ 4,107,752	-1.6%	\$ (64,687)	\$ (1,899)	\$ (66,586)	\$ (804)
AUGUST	Actual	925,163	20,239	945,402	\$ 3,882,657	-1.6%	\$ (61,142)	\$ (702)	\$ (61,844)	\$ (62,649)
TOTAL		48,410,074	437,035	48,847,109	269,670,327		14,281,269	111,540	14,392,809	

**FISCAL YEAR 2015
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 2014	6,137,819	0.08%	4,839
OCTOBER	7,217,520	0.09%	6,274
NOVEMBER	17,649,014	0.09%	15,342
DECEMBER	38,010,260	0.07%	26,590
JANUARY 2015	49,336,834	0.05%	26,324
FEBRUARY	57,489,686	0.05%	30,673
MARCH	47,505,901	0.04%	18,641
APRIL	23,781,190	0.02%	5,053
MAY	9,407,980	0.02%	1,999
JUNE	5,143,714	0.00%	174
JULY	4,107,752	-0.02%	(689)
AUGUST	<u>3,882,657</u>	-0.02%	<u>(651)</u>
TOTALS	269,670,327		134,569

**FISCAL YEAR 2015
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 2014	4,550,374	1,110,093	(3,440,281)	(3,440,281)
OCTOBER	4,655,626	1,563,942	(3,091,684)	(6,531,965)
NOVEMBER	4,594,597	3,823,623	(770,974)	(7,302,939)
DECEMBER	4,176,073	8,565,462	4,389,390	(2,913,549)
JANUARY 2015	4,474,784	11,542,491	7,067,708	4,154,159
FEBRUARY	4,721,765	13,445,431	8,723,666	12,877,824
MARCH	4,635,775	10,594,287	5,958,512	18,836,337
APRIL	4,834,666	4,979,621	144,954	18,981,291
MAY	5,194,780	1,974,309	(3,220,471)	15,760,820
JUNE	4,822,619	1,058,481	(3,764,138)	11,996,682
JULY	4,606,713	834,826	(3,771,887)	8,224,795
AUGUST	<u>4,929,092</u>	<u>786,759</u>	<u>(4,142,333)</u>	4,082,462
TOTALS	56,196,864	60,279,325	4,082,462	

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2016
PHILADELPHIA GAS WORKS**

Rate	7/1/2015	Split Month 9/1/2015	10/1/2015	Split Month 12/1/2015	1/1/2016
	SSC in Effect	\$ 4.2385	\$ 4.2506	\$ 4.2626	\$ 4.0715
GAC in Effect	\$ (0.0657)	\$ (0.1276)	\$ (0.1894)	\$ (0.1878)	\$ (0.1861)
IRC in Effect	\$ (0.0007)	\$ (0.0008)	\$ (0.0008)	\$ (0.0009)	\$ (0.0009)
Total Effective	\$ 4.1721	\$ 4.1223	\$ 4.0724	\$ 3.8829	\$ 3.6934
Percentage of Total					
C-Factor	101.6%	103.1%	104.7%	104.9%	105.1%
E-Factor	-1.6%	-3.1%	-4.7%	-4.8%	-5.0%
IRC-Factor	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%

C-Factor					
Demand Charge in Effect	\$ 0.8504	\$ 1.0545	\$ 1.2586	\$ 1.3244	\$ 1.3901
Commodity in Effect	\$ 3.3881	\$ 3.1961	\$ 3.0040	\$ 2.7472	\$ 2.4903
	\$ 4.2385	\$ 4.2506	\$ 4.2626	\$ 4.0715	\$ 3.8804
Percentage of Total					
Demand Charge in Effect	20.1%	24.8%	29.5%	32.5%	35.8%
Commodity in Effect	79.9%	75.2%	70.5%	67.5%	64.2%
	100%	100%	100%	100%	100%

	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2015 Final E-Factor
Fiscal Year 2015 E-Factor	\$ 8,413,382	\$ (62,649)	\$ 226,479	\$ 8,577,213

Actual	Fiscal Year 2015-2016	
	Sep-2015 Actual	Oct-2015 Actual
GCR Firm Sales	894,850	1,338,478
Migration Rider Sales	19,504	22,521
GCR Revenue Billed	\$ 3,730,053	\$ 5,461,240
Migration Rider Revenue Billed	\$ (2,811)	\$ (4,265)
Load Balancing Billed	\$ 80,989	\$ 78,091
LNG Sales Demand Charge Credit	\$ -	\$ -
Total Revenue Billed	\$ 3,808,230	\$ 5,535,066
Natural Gas Refunds	\$ -	\$ 6,382
Demand Charges	\$ 4,900,132	\$ 4,875,008
Supply Charges	\$ 2,457,185	\$ 5,858,891
Net Cost of Fuel	\$ 7,357,317	\$ 10,733,899

**FISCAL YEAR 2016
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 REVENUE	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 2015	7,357,317	3,730,053	103.1%	3,846,146	80,989	0	3,927,135	0	(3,430,182)	(3,430,182)
OCTOBER	10,733,899	5,461,240	104.7%	5,716,305	78,091	0	5,794,395	6,382	(4,933,121)	(8,363,303)

**FISCAL YEAR 2016
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1 (MCF)	MIGRATION RIDER SALES 2 (MCF)	TOTAL E-FACTOR VOLUMES 3=(1+2) (MCF)	TOTAL GCR REVENUE 4 (\$)	E-FACTOR % of GCR 5	E-FACTOR GCR REVENUE BILLED 6=(4*5) (\$)	MIGRATION RIDER REVENUES 7 (\$)	TOTAL E-FACTOR REVENUE 8=(6+7) (\$)	OVER/(UNDER) PROJECTED RECOVERY (9) (\$)
PRIOR YEAR E-FACTOR										
\$ 8,577,213										
MONTH										
SEPTEMBER 2015	Actual	894,850	19,504	914,354	\$ 3,730,053	-3.1%	\$ (115,415)	\$ (2,811)	\$ (118,226)	\$ 8,458,987
OCTOBER	Actual	1,338,478	22,521	1,360,999	\$ 5,461,240	-4.7%	\$ (253,992)	\$ (4,265)	\$ (258,257)	\$ 8,200,730
NOVEMBER	Estimated	3,295,721	43,237	3,338,958	\$ 13,421,495	-4.7%	\$ (624,210)	\$ (8,189)	\$ (632,399)	\$ 7,568,331
<hr/>										
DECEMBER	Estimated	5,922,983	67,473	5,990,456	\$ 22,998,350		\$ (1,103,780)	\$ (12,574)	\$ (1,116,353)	
JANUARY 2016	Estimated	9,552,924	90,219	9,643,143	\$ 35,282,770		\$ (1,780,238)	\$ (16,813)	\$ (1,797,051)	
FEBRUARY	Estimated	8,481,986	79,293	8,561,279	\$ 31,327,368		\$ (1,580,663)	\$ (14,777)	\$ (1,595,440)	
MARCH	Estimated	6,600,553	63,482	6,664,035	\$ 24,378,484		\$ (1,230,048)	\$ (11,830)	\$ (1,241,879)	
APRIL	Estimated	4,380,237	40,958	4,421,195	\$ 16,177,968		\$ (816,281)	\$ (7,633)	\$ (823,913)	
MAY	Estimated	2,072,464	24,423	2,096,887	\$ 7,654,439		\$ (386,215)	\$ (4,551)	\$ (390,766)	
JUNE	Estimated	1,178,063	19,619	1,197,682	\$ 4,351,058		\$ (219,538)	\$ (3,656)	\$ (223,194)	
JULY	Estimated	1,061,840	18,666	1,080,505	\$ 3,921,799		\$ (197,880)	\$ (3,478)	\$ (201,358)	
AUGUST	Estimated	940,548	16,636	957,184	\$ 3,473,819		\$ (175,276)	\$ (3,100)	\$ (178,376)	
TOTAL		40,191,599	420,768	40,612,366	149,566,055		(7,489,919)	(78,412)	(7,568,331)	

6 = (Col 1 * -.1864) 7 = (Col 2 * -.1864)

DECEMBER 1, 2015 E-FACTOR -0.1864

**FISCAL YEAR 2016
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 2015	3,730,053	-0.02%	(679)
OCTOBER	5,461,240	-0.02%	(1,073)

**FISCAL YEAR 2016
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 2015	4,819,143	943,619	(3,875,524)	(3,875,524)
OCTOBER	4,796,917	1,684,608	(3,112,309)	(6,987,833)

CALCULATION OF RECOVERED CHARGES
1st Qtr Filing
December 1, 2015

	<u>50% December</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	2,961,491	43,093,497	46,054,988
C-Factor	<u>\$ 4.2626</u>	<u>\$ 3.8804</u>	
Projected Recovery	12,623,653	167,220,005	\$ 179,843,659
S - Firm Sales (Mcf)	2,961,491	43,093,497	46,054,988
IRC-Factor	<u>\$ (0.0008)</u>	<u>\$ (0.0009)</u>	
Projected Recovery	(2,369)	(38,784)	\$ (41,153)
E-Factor Volumes (Mcf)	2,995,228	37,617,138	40,612,366
E-Factor	<u>\$ (0.1894)</u>	<u>\$ (0.1861)</u>	
Projected Recovery	(567,296)	(7,000,549)	\$ (7,567,846)
GCR (\$ / Mcf)	\$ 4.0724	\$ 3.6934	
<hr/>			
GCR Projected Recovery			\$ 172,234,660
Load Balancing Revenue			\$ 1,074,526
LNG Sales Demand Revenue			<u>\$ 978,849</u>
TOTAL PROJECTED RECOVERY			\$ 174,288,035

Change In Rates
1st Quarter Filing
Rates Effective December 1, 2015

Current Rates

	09/01/15 <u>Distribution Charge</u> (1)	09/01/15 <u>GCR</u> (2)	09/01/15 <u>MFC</u> (3)	09/01/15 <u>GPC</u> (4)	09/01/15 Commodity <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$7.6673	\$4.0724	\$0.1906	\$0.0400	\$11.9703
Commercial GS	\$6.2762	\$4.0724	\$0.0114	\$0.0400	\$10.4000
Industrial GS	\$6.1776	\$4.0724	\$0.0122	\$0.0400	\$10.3022
Phila.Housing Authority (PHA)	\$5.7879	\$4.0724	\$0.0000	\$0.0400	\$9.9003
Municipal (MS)	\$5.0196	\$4.0724	\$0.0000	\$0.0400	\$9.1320
Phila.Housing Authority (GS)	\$6.6047	\$4.0724	\$0.0000	\$0.0400	\$10.7171

December 1, 2015 - Distribution Charge

	Delivery <u>Delivery Charge</u> (6)	Surcharges				Total <u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	Distribution <u>Charge / Mcf</u> (12)=(11)+(6)
		Other Post Employment Benefit (7)	Efficiency Cost Recovery (8)	Universal Service & Ener. Cons. (9)	Restructuring & Consumer Education (10)		
Residential GS	\$6.0067	\$0.3003	\$0.0027	\$1.0669	\$0.0061	\$1.3760	\$7.3827
Commercial GS	\$4.5984	\$0.3003	\$0.0446	\$1.0669	\$0.0061	\$1.4179	\$6.0163
Industrial GS	\$4.5332	\$0.3003	\$0.2262	\$1.0669	\$0.0061	\$1.5995	\$6.1327
Phila.Housing Authority (PHA)	\$4.1101	\$0.3003	\$0.0446	\$1.0669	\$0.0061	\$1.4179	\$5.5280
Municipal (MS)	\$3.3661	\$0.3003	\$0.0000	\$1.0669	\$0.0061	\$1.3733	\$4.7394
Phila.Housing Authority (GS)	\$4.9441	\$0.3003	\$0.0027	\$1.0669	\$0.0061	\$1.3760	\$6.3201

Proposed Rates

	12/01/15 <u>Distribution Charge</u> (12)	12/01/15 <u>GCR</u> (13)	12/01/15 <u>MFC</u> (14)	12/01/15 <u>GPC</u> (15)	12/01/15 Commodity <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$7.3827	\$3.6934	\$0.1729	\$0.0400	\$11.2890	(\$0.6813)
Commercial GS	\$6.0163	\$3.6934	\$0.0103	\$0.0400	\$9.7600	(\$0.6400)
Industrial GS	\$6.1327	\$3.6934	\$0.0111	\$0.0400	\$9.8772	(\$0.4250)
Phila.Housing Authority (PHA)	\$5.5280	\$3.6934	\$0.0000	\$0.0400	\$9.2614	(\$0.6389)
Municipal (MS)	\$4.7394	\$3.6934	\$0.0000	\$0.0400	\$8.4728	(\$0.6592)
Phila.Housing Authority (GS)	\$6.3201	\$3.6934	\$0.0000	\$0.0400	\$10.0535	(\$0.6636)

PHILADELPHIA GAS WORKS
December 1, 2015 - 1ST QTR FILING
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	<u>Expenses in the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 6,917,993
Customer Responsibility Program (CRP)	\$ 41,009,109
Senior Citizen Discount *	\$ 3,430,034
<u>November 2015 Under Collection</u>	<u>\$ 2,314,503</u>
Total \$ to be Recovered	\$ 53,671,638
 Total Applicable Volumes	 Mcf 50,307,525
 Universal Service & Energy Conservation Surcharge	 <u><u>\$ 1.0669</u></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 \$3,753,745.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2015 THROUGH NOVEMBER 2015**

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 15 Reconciliation							(\$9,295,907)
September 2015	Actual	1,035,315	\$ 1.4187	\$ 1,468,750	\$ (1,940,513)	\$ 3,409,263	(\$5,886,644)
October	Actual	1,530,956	\$ 1.3471	\$ 2,062,351	\$ (179,146)	\$ 2,241,497	(\$3,645,147)
November	Estimated	3,660,045	\$ 1.3471	\$ 4,930,447	\$ 3,599,803	\$ 1,330,644	(\$2,314,503)

<u>USC Expenses</u>	<u>Sep-15</u>	<u>Oct-15</u>	<u>Nov-15</u>
ELIRP Expense	\$ 2,532	\$ 553,720	\$ 753,941
ELIRP Labor	\$ 10,623	\$ 12,196	\$ 14,725
CRP Discount	\$ (2,580,366)	\$ (1,452,007)	\$ 1,692,648
CRP Forgiveness	\$ 533,280	\$ 561,291	\$ 842,174
Senior Citizen Discount	\$ 93,418	\$ 145,654	\$ 296,316
Bad Debt Expense Offset*	\$ -	\$ -	\$ -
Total	\$ (1,940,513)	\$ (179,146)	\$ 3,599,803

<u>CRP Participation</u>		
Rate Case Participation Rate	84,000	84,000
Actual Participation Rate*	58,958	58,609
CRP Under(Over) Participation	25,042	25,391
<u>Average Shortfall Per CRP Participant</u>		
CRP Discount	\$ (2,580,366)	\$ (1,452,007)
Actual Participation Rate	58,958	58,609
Average Shortfall per CRP Participant	\$ (44)	\$ (25)
Shortfall*	\$ -	\$ -
Bad Debt Expense Offset* 7.1%	\$ -	\$ -

*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 84,000

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2014 THROUGH AUGUST 2015**

<u>Month</u>		<u>USC</u>	<u>USC</u>	<u>USC</u>	<u>USC</u>	<u>Monthly</u>	<u>Cumulative</u>
<u>FY 14 Reconciliation</u>		<u>Applicable</u>	<u>Charge</u>	<u>Revenue</u>	<u>Expenses</u>	<u>Over/(Under)</u>	<u>Over/(Under)</u>
		<u>Volumes</u>		<u>Billed</u>		<u>Recovery</u>	<u>Recovery</u>
							\$1,338,927
September 2014	Actual	1,120,161	\$ 1,6753	\$ 1,876,606	\$ (1,754,620)	\$ 3,631,226	\$4,970,153
October	Actual	1,410,747	\$ 1,4642	\$ 2,065,616	\$ (942,460)	\$ 3,008,076	\$7,978,229
November	Actual	3,310,333	\$ 1,4642	\$ 4,846,990	\$ 4,575,714	\$ 271,276	\$8,249,505
December	Actual	6,897,688	\$ 1,2795	\$ 8,825,247	\$ 12,729,386	\$ (3,904,139)	\$4,345,366
January 2015	Actual	8,801,725	\$ 1,0947	\$ 9,635,248	\$ 17,122,367	\$ (7,487,119)	(\$3,141,753)
February	Actual	10,263,513	\$ 1,0947	\$ 11,235,468	\$ 17,584,237	\$ (6,348,769)	(\$9,490,521)
March	Actual	9,449,687	\$ 1,1688	\$ 11,044,321	\$ 15,870,152	\$ (4,825,831)	(\$14,316,352)
April	Actual	5,403,643	\$ 1,2428	\$ 6,715,647	\$ 8,761,072	\$ (2,045,425)	(\$16,361,777)
May	Actual	2,187,690	\$ 1,2428	\$ 2,718,861	\$ 2,525,245	\$ 193,616	(\$16,168,161)
June	Actual	1,308,732	\$ 1,3665	\$ 1,788,382	\$ (650,004)	\$ 2,438,386	(\$13,729,775)
July	Actual	1,125,749	\$ 1,4902	\$ 1,677,591	\$ (1,321,068)	\$ 2,998,660	(\$10,731,116)
August	Actual	1,060,296	\$ 1,4902	\$ 1,580,053	\$ 144,845	\$ 1,435,209	(\$9,295,907)

<u>USC Expenses</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>May-15</u>	<u>Jun-15</u>	<u>Jul-15</u>	<u>Aug-15</u>	<u>Total</u>
ELIRP Expense	\$ 48,393	\$ 51,212	\$ 455,885	\$ 585,451	\$ 973,868	\$ 41,296	\$ 1,124,411	\$ 826,183	\$ 823,808	\$ 618,920	\$ 538,229	\$ 2,038,095	\$ 8,125,752
ELIRP Labor	\$ 12,683	\$ 16,517	\$ 19,264	\$ 19,228	\$ 24,220	\$ 18,865	\$ 16,049	\$ 10,287	\$ 12,857	\$ 10,318	\$ 12,555	\$ 11,198	\$ 184,041
CRP Discount	\$ (2,424,508)	\$ (1,659,774)	\$ 3,235,642	\$ 10,852,045	\$ 14,662,334	\$ 16,019,680	\$ 13,316,092	\$ 6,842,300	\$ 825,635	\$ (2,030,043)	\$ (2,566,295)	\$ (2,588,072)	\$ 54,485,035
CRP Forgiveness	\$ 469,489	\$ 478,214	\$ 456,177	\$ 498,830	\$ 515,397	\$ 493,063	\$ 560,325	\$ 562,347	\$ 607,513	\$ 615,562	\$ 585,316	\$ 574,178	\$ 6,416,409
Senior Citizen Discount	\$ 139,322	\$ 171,372	\$ 408,745	\$ 773,832	\$ 946,548	\$ 1,011,334	\$ 853,275	\$ 519,955	\$ 255,432	\$ 135,241	\$ 109,127	\$ 109,446	\$ 5,433,626
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,754,620)	\$ (942,460)	\$ 4,575,714	\$ 12,729,386	\$ 17,122,367	\$ 17,584,237	\$ 15,870,152	\$ 8,761,072	\$ 2,525,245	\$ (650,004)	\$ (1,321,068)	\$ 144,845	\$ 74,644,866

<u>CRP Participation</u>													
Rate Case Participation Rate		84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000
Actual Participation Rate*		61,588	61,243	60,885	61,319	61,191	61,169	61,185	62,365	62,719	61,985	61,060	60,097
CRP Under(Over) Participation		22,412	22,757	23,115	22,681	22,809	22,831	22,815	21,635	21,281	22,015	22,940	23,903
<u>Average Shortfall Per CRP Participant</u>													
CRP Discount	\$ (2,424,508)	\$ (1,659,774)	\$ 3,235,642	\$ 10,852,045	\$ 14,662,334	\$ 16,019,680	\$ 13,316,092	\$ 6,842,300	\$ 825,635	\$ (2,030,043)	\$ (2,566,295)	\$ (2,588,072)	
Actual Participation Rate		61,588	61,243	60,885	61,319	61,191	61,169	61,185	62,365	62,719	61,985	61,060	60,097
Average Shortfall per CRP Participant		\$ (39)	\$ (27)	\$ 53	\$ 177	\$ 240	\$ 262	\$ 218	\$ 110	\$ 13	\$ (33)	\$ (42)	\$ (43)
Shortfall*		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset*	7.1%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 84,000

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
December 1, 2015

<u>Program</u>	<u>Residential & PIA GS</u>	<u>Commercial & PIA</u>	<u>Industrial</u>	<u>Total</u>
Residential Heating Equipment Rebate (RHER)				
Program Expense	\$594,243	\$68,932	\$578	\$663,753
Labor Expense	\$12,179	\$1,413	\$12	\$13,604
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$93,553	\$168,868	\$0	\$262,420
Labor Expense	\$1,774	\$3,202	\$0	\$4,976
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$6,789	\$226,979	\$53,204	\$286,972
Labor Expense	\$130	\$4,343	\$1,018	\$5,491
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$75,904	\$92,477	\$0	\$168,380
Labor Expense	\$1,429	\$1,740	\$0	\$3,169
Comprehensive Residential Retrofit Incentive (CRR1)				
Program Expense	\$630,044	\$11,029	\$0	\$641,073
Labor Expense	<u>\$11,470</u>	<u>\$201</u>	<u>\$0</u>	<u>\$11,670</u>
Total Expense	\$1,427,513	\$579,183	\$54,812	\$2,061,508
Prior Period Reconciliation (11/30/15)	<u>\$ (1,339,221)</u>	<u>\$ (143,533)</u>	<u>\$ 124,129</u>	<u>\$ (1,358,626)</u>
Total	\$88,292	\$435,650	\$178,941	\$702,883
Volumes - Mcf (GCR Firm & Firm Transportation)	32,424,668	9,763,828	790,956	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0027	\$0.0446	\$0.2262
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
1st Quarter Filing**

		Actual Sep-15	Actual Oct-15	Estimated Nov-15
RESIDENTIAL & PHA GS				
FY 2015 Over-Collection	\$ 1,566,406			
Volume Billed		646,466	991,567	2,549,910
ECR Surcharge		\$ 0.0045	\$ 0.0071	\$ 0.0071
Revenue Billed		\$ 2,909	\$ 7,040	\$ 18,104
RHER	Expense	\$ 233	\$ 83,436	\$ 66,027
RHER	Labor	\$ 976	\$ 1,121	\$ 1,353
HECI	Expense	\$ 27	\$ 2,894	\$ 8,434
HECI	Labor	\$ 115	\$ 131	\$ 159
CRR1	Expense	\$ 219	\$ 373	\$ 70,005
CRR1	Labor	\$ 919	\$ 1,056	\$ 1,274
CIRI	Expense	\$ 34	\$ 4,372	\$ 10,395
CIRI	Labor	\$ 142	\$ 163	\$ 197
CIER	Expense	\$ 2	\$ 390	\$ 754
CIER	Labor	\$ 10	\$ 12	\$ 14
Total		\$ 2,678	\$ 93,947	\$ 158,613
Monthly Over/(Under)		\$ 231	\$ (86,907)	\$ (140,508)
Cumulative Over/(Under)		\$ 1,566,637	\$ 1,479,730	\$ 1,339,221
COMMERCIAL & PHA				
FY 2015 Over-Collection	\$ 201,155			
Volume Billed		349,209	487,460	962,952
ECR Surcharge		\$ 0.0221	\$ 0.0243	\$ 0.0243
Revenue Billed		\$ 7,700	\$ 11,845	\$ 23,400
RHER	Expense	\$ 27	\$ 9,679	\$ 7,659
RHER	Labor	\$ 113	\$ 130	\$ 157
CRR1	Expense	\$ 4	\$ 7	\$ 1,225
CRR1	Labor	\$ 16	\$ 18	\$ 22
CIRI	Expense	\$ 61	\$ 7,892	\$ 18,763
CIRI	Labor	\$ 257	\$ 295	\$ 356
CIER	Expense	\$ 83	\$ 13,026	\$ 25,220
CIER	Labor	\$ 348	\$ 400	\$ 483
HECI	Expense	\$ 33	\$ 3,526	\$ 10,275
HECI	Labor	\$ 140	\$ 160	\$ 193
Total		\$ 1,082	\$ 35,132	\$ 64,354
Monthly Over/(Under)		\$ 6,618	\$ (23,286)	\$ (40,954)
Cumulative Over/(Under)		\$ 207,773	\$ 184,487	\$ 143,533
INDUSTRIAL				
FY 2015 Under-Collection	\$ (113,291)			
Volume Billed		28,538	36,712	86,847
ECR Surcharge		\$ (0.0102)	\$ (0.0091)	\$ (0.0091)
Revenue Billed		\$ (291)	\$ (334)	\$ (790)
RHER	Expense	\$ 0	\$ 81	\$ 64
RHER	Labor	\$ 1	\$ 1	\$ 1
CIRI	Expense	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -
CIER	Expense	\$ 19	\$ 3,053	\$ 5,912
CIER	Labor	\$ 82	\$ 94	\$ 113
Total		\$ 102	\$ 3,229	\$ 6,090
Monthly Over/(Under)		\$ (393)	\$ (3,563)	\$ (6,881)
Cumulative Over/(Under)		\$ (113,685)	\$ (117,248)	\$ (124,129)

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
SEPTEMBER 2014 - AUGUST 2015**

	Actual Sep-14	Actual Oct-14	Actual Nov-14	Actual Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual* Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Total
RESIDENTIAL & PHA GS													
FY 2014 Over-Collection	\$ 3,664,920												
Volume Billed	716,465	891,401	2,334,361	5,215,559	6,705,574	7,855,404	7,311,790	4,146,356	1,602,303	878,834	731,782	684,924	39,074,753
ECR Surcharge	\$ (0.0154)	\$ (0.0040)	\$ (0.0040)	\$ (0.0086)	\$ (0.0131)	\$ (0.0131)	\$ (0.0136)	\$ (0.0141)	\$ (0.0141)	\$ (0.0061)	\$ 0.0019	\$ 0.0019	
Revenue Billed	\$ (11,034)	\$ (3,566)	\$ (9,337)	\$ (44,593)	\$ (87,843)	\$ (102,906)	\$ (99,440)	\$ (58,464)	\$ (22,592)	\$ (5,361)	\$ 1,390	\$ 1,301	\$ (442,444)
RHER Expense	\$ 28,249	\$ 7,302	\$ 80,490	\$ 91,172	\$ 137,874	\$ (13,912)	\$ 91,278	\$ 24,868	\$ 42,712	\$ 95,823	\$ 29,614	\$ 177,747	\$ 793,217
RHER Labor	\$ 1,714	\$ 2,232	\$ 3,096	\$ 2,598	\$ 3,273	\$ 765	\$ 2,169	\$ 1,390	\$ 1,659	\$ 1,394	\$ 1,697	\$ 2,316	\$ 24,301
HECI Expense	\$ 1,330	\$ 1,408	\$ 104	\$ 10,920	\$ 3,705	\$ 13,499	\$ 11,475	\$ 11,021	\$ 22,948	\$ 7,655	\$ 7,739	\$ (31,716)	\$ 50,089
HECI Labor	\$ 349	\$ 454	\$ 687	\$ 529	\$ 666	\$ 2,376	\$ 441	\$ 283	\$ 2,951	\$ 284	\$ 345	\$ (2,050)	\$ 7,315
CRR1 Expense	\$ 8,915	\$ 9,434	\$ 54,628	\$ 23,504	\$ 152,405	\$ 52,720	\$ 54,603	\$ 66,375	\$ 47,150	\$ 50,700	\$ 54,943	\$ 108,908	\$ 684,285
CRR1 Labor	\$ 2,336	\$ 3,043	\$ 3,584	\$ 3,542	\$ 4,462	\$ 3,520	\$ 2,957	\$ 1,895	\$ 2,397	\$ 1,901	\$ 2,313	\$ 79	\$ 32,028
CIRI Expense	\$ 1,352	\$ 1,431	\$ (992)	\$ 2,471	\$ 2,126	\$ (9,183)	\$ 40,924	\$ 7,766	\$ (35,681)	\$ 10,042	\$ 412	\$ 33,897	\$ 54,564
CIRI Labor	\$ 354	\$ 461	\$ 224	\$ 537	\$ 677	\$ (3,572)	\$ 448	\$ 287	\$ (3,957)	\$ 288	\$ 351	\$ (2,799)	\$ (6,698)
CIER Expense	\$ 263	\$ 141	\$ (213)	\$ 252	\$ 3,088	\$ 931	\$ 2,264	\$ 549	\$ (562)	\$ 2,224	\$ 191	\$ (2,924)	\$ 6,203
CIER Labor	\$ 24	\$ 32	\$ -	\$ 37	\$ 46	\$ 207	\$ 31	\$ 20	\$ 232	\$ 20	\$ 24	\$ 96	\$ 768
Total	\$ 44,887	\$ 25,937	\$ 141,808	\$ 135,562	\$ 308,322	\$ 47,352	\$ 206,589	\$ 114,454	\$ 79,848	\$ 170,330	\$ 97,628	\$ 283,553	\$ 1,656,071
Monthly Over/(Under)	\$ (55,921)	\$ (29,502)	\$ (150,946)	\$ (180,155)	\$ (396,165)	\$ (150,258)	\$ (306,029)	\$ (172,918)	\$ (102,441)	\$ (175,691)	\$ (96,237)	\$ (282,252)	
Cumulative Over/(Under)	\$ 3,609,000	\$ 3,579,497	\$ 3,428,551	\$ 3,248,396	\$ 2,852,232	\$ 2,701,973	\$ 2,395,944	\$ 2,223,027	\$ 2,120,586	\$ 1,944,895	\$ 1,848,658	\$ 1,566,406	
COMMERCIAL & PHA													
FY 2014 Over-Collection	\$ 1,029,904												
Volume Billed	364,948	470,450	856,762	1,461,168	1,822,979	2,080,859	1,838,729	1,090,870	527,118	383,611	354,968	337,149	11,589,611
ECR Surcharge	\$ (0.0058)	\$ (0.0013)	\$ (0.0013)	\$ (0.0040)	\$ (0.0066)	\$ (0.0066)	\$ (0.0070)	\$ (0.0074)	\$ (0.0074)	\$ 0.0062	\$ 0.0198	\$ 0.0198	
Revenue Billed	\$ (2,098)	\$ (612)	\$ (1,114)	\$ (5,772)	\$ (12,032)	\$ (13,734)	\$ (12,871)	\$ (8,072)	\$ (3,901)	\$ 2,378	\$ 7,028	\$ 6,676	\$ (44,123)
RHER Expense	\$ 3,200	\$ 827	\$ 3,232	\$ 10,327	\$ 15,616	\$ 71,075	\$ 10,339	\$ 2,817	\$ (35,386)	\$ 10,853	\$ 3,354	\$ 467	\$ 96,719
RHER Labor	\$ 194	\$ 253	\$ (155)	\$ 294	\$ 371	\$ 2,128	\$ 246	\$ 157	\$ 310	\$ 158	\$ 192	\$ (676)	\$ 3,473
CIRI Expense	\$ 2,069	\$ 2,190	\$ 1,222	\$ 3,782	\$ 3,254	\$ 14,919	\$ 62,837	\$ 11,866	\$ 59,275	\$ 15,370	\$ 631	\$ 27,903	\$ 205,138
CIRI Labor	\$ 542	\$ 706	\$ 1,147	\$ 822	\$ 1,036	\$ 4,917	\$ 686	\$ 440	\$ 4,873	\$ 441	\$ 537	\$ 3,597	\$ 19,743
CIER Expense	\$ 5,915	\$ 3,161	\$ 3,943	\$ 5,669	\$ 69,417	\$ 5,988	\$ 50,899	\$ 12,332	\$ 2,239	\$ 50,003	\$ 4,284	\$ 49,927	\$ 263,778
CIER Labor	\$ 546	\$ 711	\$ 851	\$ 827	\$ 1,042	\$ 621	\$ 690	\$ 443	\$ 334	\$ 444	\$ 540	\$ (2,088)	\$ 4,960
HECI Expense	\$ 591	\$ 625	\$ (792)	\$ 4,851	\$ 1,646	\$ (8,415)	\$ 5,098	\$ 4,896	\$ (14,322)	\$ 3,401	\$ 3,438	\$ 144,940	\$ 145,958
HECI Labor	\$ 155	\$ 202	\$ 60	\$ 235	\$ 296	\$ (1,650)	\$ 196	\$ 126	\$ (2,455)	\$ 126	\$ 153	\$ 2,482	\$ (75)
CRR1 Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,923	\$ 42,923
CRR1 Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,009	\$ 2,009
Total	\$ 13,212	\$ 8,674	\$ 9,507	\$ 26,808	\$ 92,678	\$ 89,584	\$ 130,790	\$ 33,097	\$ 14,867	\$ 80,796	\$ 13,130	\$ 271,483	\$ 784,627
Monthly Over/(Under)	\$ (15,311)	\$ (9,286)	\$ (10,621)	\$ (32,579)	\$ (104,710)	\$ (103,318)	\$ (143,661)	\$ (41,169)	\$ (18,768)	\$ (78,417)	\$ (6,101)	\$ (264,808)	
Cumulative Over/(Under)	\$ 1,014,594	\$ 1,005,308	\$ 994,687	\$ 962,108	\$ 857,399	\$ 754,081	\$ 610,419	\$ 569,250	\$ 550,482	\$ 472,064	\$ 465,963	\$ 201,155	
INDUSTRIAL													
FY 2014 Over-Collection	\$ 121,604												
Volume Billed	31,238	37,156	59,645	113,165	146,265	169,038	151,272	76,711	36,376	32,820	27,829	28,578	910,093
ECR Surcharge	\$ (0.1374)	\$ (0.1307)	\$ (0.1307)	\$ (0.1310)	\$ (0.1312)	\$ (0.1312)	\$ (0.1362)	\$ (0.1411)	\$ (0.1411)	\$ (0.0762)	\$ (0.0113)	\$ (0.0113)	
Revenue Billed	\$ (4,292)	\$ (4,856)	\$ (7,796)	\$ (14,819)	\$ (19,190)	\$ (22,178)	\$ (20,596)	\$ (10,824)	\$ (5,133)	\$ (2,501)	\$ (314)	\$ (323)	\$ (112,821)
RHER Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,413	\$ 2,413
RHER Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75	\$ 75
CIRI Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 117,101	\$ 117,101
CIER Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,484	\$ 2,484
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 122,074	\$ 122,074
Monthly Over/(Under)	\$ (4,292)	\$ (4,856)	\$ (7,796)	\$ (14,819)	\$ (19,190)	\$ (22,178)	\$ (20,596)	\$ (10,824)	\$ (5,133)	\$ (2,501)	\$ (314)	\$ (122,397)	
Cumulative Over/(Under)	\$ 117,312	\$ 112,456	\$ 104,660	\$ 89,841	\$ 70,651	\$ 48,473	\$ 27,878	\$ 17,054	\$ 11,921	\$ 9,420	\$ 9,106	\$ (113,291)	

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
DECEMBER 1, 2015**

Storage and Peaking Asset Cost	\$	14,828,065
--------------------------------	----	------------

Design Day Requirements (Mcf)		653,198
Fulfilled from FT Capacity (Mcf)		<u>291,094</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		362,104

Annual Storage and Peaking Cost per Excess Mcf	\$	40.9497
Per Mcf Over / (Under) Adjustment	\$	<u>0.1055</u>
Load Balancing Charge	\$	40.8442

Over / (Under) Recovery	\$	28,975
Interest	\$	<u>4,317</u>
Total Over/(Under) Recovery	\$	33,292
Forecasted SSPC Volumes		315,695
Per Mcf Over / (Under) Adjustment	\$	0.1055

Projected Unaccounted For Factor And Retainage Rate
1st Quarter Filing
December 1, 2015

<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>
2012-13	50,084,910	48,582,906	1,502,004	
2013-14	54,433,034	52,971,340	1,461,694	
2014-15	<u>55,108,734</u>	<u>53,062,451</u>	<u>2,046,284</u>	
Total	159,626,678	154,616,697	5,009,982	3.1%

Natural Gas Prices Used for PGW's - FY 2015-2016 - 1st Quarter GCR Filing

Basis Differentials

Prices Used For Gas Cost Inputs

	TRANSCO								NYMEX Futures 11/04/15 Close	TRANSCO								TETCO			
	Sta 30	Sta 45	Sta 65	Sta. 85	ELA	WLA	M-1	M-2		Sta 30	Sta 45	Sta 65	Sta. 85	ELA	WLA	M-1	M-2				
2015:11										1.94	1.91	2.01	2.06	1.90	1.92	1.83	1.22				
2015:12	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.262	2.15	2.12	2.24	2.25	2.20	2.18	2.16	1.54				
2016:1	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.445	2.34	2.31	2.43	2.44	2.39	2.37	2.35	1.73				
2016:2	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.469	2.36	2.33	2.45	2.46	2.41	2.39	2.37	1.75				
2016:3	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.460	2.35	2.32	2.44	2.45	2.40	2.38	2.36	1.74				
2016:4	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.425	2.32	2.29	2.41	2.42	2.37	2.35	2.33	1.71				
2016:5	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.458	2.35	2.32	2.44	2.45	2.40	2.38	2.36	1.74				
2016:6	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.507	2.40	2.37	2.49	2.50	2.45	2.43	2.41	1.79				
2016:7	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.558	2.45	2.42	2.54	2.55	2.50	2.48	2.46	1.84				
2016:8	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.574	2.46	2.43	2.55	2.56	2.51	2.49	2.47	1.85				
2016:9	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.576	2.47	2.44	2.56	2.57	2.52	2.50	2.48	1.86				
2016:10	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.602	2.49	2.46	2.58	2.59	2.54	2.52	2.50	1.88				
2016:11	(0.11)	(0.14)	(0.02)	(0.01)	(0.06)	(0.08)	(0.10)	(0.72)	2.691	2.58	2.55	2.67	2.68	2.63	2.61	2.59	1.97				

Actual Natural Gas Billed

	<u>Jul-15</u>	<u>Aug-15</u>	<u>Sep-15</u>
Williams	\$ 2,682,890	\$ 2,681,945	\$ 2,585,596
Texas Eastern	\$ 2,209,465	\$ 2,185,872	\$ 2,199,391
Dominion	\$ 134,295	\$ 134,295	\$ 133,842
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ -	\$ -	\$ 66,647
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ 331,700	\$ 331,700	\$ 340,500
Transco Supply3	\$ 652,550	\$ 652,550	\$ 670,500
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 1,075,235	\$ 988,835	\$ 263,978
Transco Supply10	\$ 400,288	\$ 400,288	\$ 387,375
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 420,438	\$ 420,438	\$ 389,325
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 4,650	\$ 4,650	\$ 4,500
Transco Supply23	\$ 437,875	\$ 436,325	\$ 402,450
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ 1,650	\$ 2,250
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ 565,130	\$ 600,160	\$ 506,400
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 412,300	\$ 412,300	\$ 399,000
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 383,875	\$ 402,291	\$ 382,457
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 719,775	\$ 773,775	\$ 711,975
Tetco Supply27	\$ 195,300	\$ 190,650	\$ 169,500
Tetco Supply28	\$ 191,425	\$ 186,775	\$ 165,750
Total Costs	\$ 10,817,190	\$ 10,804,499	\$ 9,781,436
Sharing Mechanism	\$ 147,639	\$ 146,148	\$ 144,794
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ 1,721	\$ 3,231	\$ 1,812
Adjustment/Reconciliation	\$ 147,446	\$ (582,080)	\$ 370,416
Total Natural Gas Billed	\$ 11,113,996	\$ 10,371,798	\$ 10,298,457

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending September 2015**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jul-15</u>	<u>Aug-15</u>	<u>Sep-15</u>	<u>Total</u>	<u>3rd Qtr Filing Jul-15</u>	<u>4th Qtr Filing Aug-15</u>	<u>4th Qtr Filing Sep-15</u>	<u>Total</u>	<u>Jul-15</u>	<u>Aug-15</u>	<u>Sep-15</u>	<u>Total</u>
Total Natural Gas Billed	\$ 11,113,996	\$ 10,371,798	\$ 10,298,457	\$ 31,784,251	\$ 12,454,270	\$ 10,041,517	\$ 12,214,331	\$ 34,710,118	\$ (1,340,274)	\$ 330,281	\$ (1,915,874)	\$ (2,925,867)
Less Imbalance Charge	\$ -	\$ 47,350	\$ 28,368	\$ 75,718	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 4,785	\$ 5,655	\$ 4,470	\$ 14,910	\$ 9,868	\$ 5,444	\$ 6,170	\$ 21,483	\$ (5,083)	\$ 211	\$ (1,700)	\$ (6,573)
Gas Used For Utility	\$ 16,506	\$ 19,703	\$ 16,565	\$ 52,774	\$ 9,461	\$ 10,173	\$ 24,964	\$ 44,598	\$ 7,045	\$ 9,530	\$ (8,399)	\$ 8,176
	\$ 11,092,705	\$ 10,299,090	\$ 10,249,054	\$ 31,640,849	\$ 12,434,941	\$ 10,025,900	\$ 12,183,197	\$ 34,644,038	\$ (1,342,236)	\$ 273,190	\$ (1,934,143)	\$ (3,003,189)
Pipeline Storages												
(To)	\$ (4,343,360)	\$ (3,948,555)	\$ (3,140,670)	\$ (11,432,585)	\$ (5,158,849)	\$ (3,874,261)	\$ (4,516,557)	\$ (13,549,667)	\$ 815,489	\$ (74,294)	\$ 1,375,887	\$ 2,117,082
From	\$ -	\$ 405	\$ -	\$ 405	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 405	\$ -	\$ 405
Net Pipeline Storages	\$ (4,343,360)	\$ (3,948,150)	\$ (3,140,670)	\$ (11,432,180)	\$ (5,158,849)	\$ (3,874,261)	\$ (4,516,557)	\$ (13,549,667)	\$ 815,489	\$ (73,889)	\$ 1,375,887	\$ 2,117,487
LNG Storage												
(To)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (169,192)	\$ (169,192)	\$ -	\$ -	\$ 169,192	\$ 169,192
From	\$ 141,462	\$ 317,921	\$ 226,536	\$ 685,919	\$ 280,716	\$ 267,159	\$ 258,356	\$ 806,230	\$ (139,254)	\$ 50,762	\$ (31,820)	\$ (120,311)
Net LNG Storage	\$ 141,462	\$ 317,921	\$ 226,536	\$ 685,919	\$ 280,716	\$ 267,159	\$ 89,164	\$ 637,039	\$ (139,254)	\$ 50,762	\$ 137,372	\$ 48,880
Net Natural Gas	\$ 6,890,807	\$ 6,668,861	\$ 7,334,920	\$ 20,894,588	\$ 7,556,808	\$ 6,418,798	\$ 7,755,804	\$ 21,731,409	\$ (666,001)	\$ 250,063	\$ (420,884)	\$ (836,821)
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 6,890,807	\$ 6,668,861	\$ 7,334,920	\$ 20,894,588	\$ 7,556,808	\$ 6,418,798	\$ 7,755,804	\$ 21,731,409	\$ (666,001)	\$ 250,063	\$ (420,884)	\$ (836,821)
Purchased Electric & Misc	\$ 38,723	\$ 50,908	\$ 22,397	\$ 112,028	\$ 44,348	\$ 33,025	\$ 34,540	\$ 111,914	\$ (5,625)	\$ 17,883	\$ (12,143)	\$ 114
Total GCR Expenses	\$ 6,929,530	\$ 6,719,769	\$ 7,357,317	\$ 21,006,616	\$ 7,601,156	\$ 6,451,823	\$ 7,790,344	\$ 21,843,323	\$ (671,626)	\$ 267,946	\$ (433,027)	\$ (836,707)

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

Supplement No. 88

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

List of Changes Made by this Tariff Supplement

UNACCOUNTED FOR GAS (PAGE No. 14)

The Lost and Unaccounted for Gas and Retainage Rate percentage increases from 2.7% to 3.1%.

GAS COST RATE (GCR) – Section 1307(f) (PAGES 67, 67A, 68)

The GAC (Gas Adjustment Charge) is increased from \$(0.01894) to \$(0.01861) per Ccf. The IRC (Interruptible Revenue Credit) increases from \$0.00008 per Ccf to \$0.00009 per Ccf. The SSC (Sales Service Charge) is decreased from \$0.42626 per Ccf to \$0.38804 per Ccf. The Gas Cost Rate is decreased from \$0.40724 per Ccf to \$0.36934 per Ccf.

PRICE TO COMPARE (“PTC”) (PAGE 78)

The PTC for GS RES is decreased from \$0.43038 to \$0.39072. The PTC for GS PH is decreased from \$0.41132 to \$0.37343. The PTC for GS COM is decreased from \$0.41246 to \$0.37446. The PTC for GS IND is decreased from \$0.41254 to \$0.37454. The PTC for MS is decreased from \$0.41132 to \$0.37343. The PTC for PHA is decreased from \$0.41132 to \$0.37343. The PTC for NGVS is decreased from \$0.41132 to \$0.37343.

EFFICIENCY COST RECOVERY SURCHARGE (PAGE 80)

Surcharge for Residential and Public Housing Customers on Rate GS decreased from \$0.00071 per Ccf to \$0.00027 per Ccf. Surcharge for Commercial Customers on Rate GS increased from \$0.00243 to \$0.00446. Surcharge for Industrial Customers on Rate GS increased from \$(0.00091) per Ccf to \$0.02262 per Ccf. Surcharge for The Philadelphia Housing Authority on Rate PHA increased from \$0.00243 to \$0.00446 per Ccf.

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE (PAGE 81)

Surcharge decreased from \$0.13471/Ccf to \$0.10669.

GENERAL SERVICE – RATE GS (PAGE 83)

GCR rate decreased from \$0.40724 to \$0.36934.

MUNICIPAL SERVICE – RATE MS (PAGE 87)

GCR rate decreased from \$0.40724 to \$0.36934.

PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (PAGE 90)

GCR rate decreased from \$0.40724 to \$0.36934.

DEVELOPMENTAL NATURAL GAS VEHICLE SERVICE – RATE NGVS FIRM SERVICE (PAGE 135)

GCR rate decreased from \$0.40724 to \$0.36934.

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TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Eighty Seventh Revised 2
Description of Territory Served _____	5
Table of Contents _____	Eighty 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 _____	Second 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 _____	First 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 65

	Page Number
RATES (Cover Page) _____	66
Gas Cost Rate _____	Fifty Eighth Revised 67
Revenue Reconciliation Adjustment (RRA) Rider _____	70
Senior Citizen Discount _____	First Revised 72
Migration/Reverse Migration Rider _____	75
Exit Fee Rider _____	77
Merchant Function & Gas Procurement Charges; Price to Compare _____	Thirteenth Revised 78
Restructuring and Consumer Education Surcharge _____	Twenty Second Revised 79
Efficiency Cost Recovery Mechanism _____	Twenty Seventh Revised 80
Universal Services Surcharge _____	Sixtieth Revised 81
Other Post Employment Benefit Surcharge _____	Seventh First Revised Page 82
General Service - Rate GS _____	Sixty Seventh Revised 83
Municipal Service - Rate MS _____	Sixty Seventh Revised 87
Philadelphia Housing Authority Service –Rate PHA _____	Sixty Seventh Revised 90
Boiler and Power Plant Service – Rate BPS _____	Fourth Revised 93
Load Balancing Service – RATE LBS _____	Fourth Revised 97
Daily Balancing Service – Rate DB _____	101
Interruptible Transportation Service – Rate IT _____	111
Gas Transportation Service - Rate GTS - Firm Service _____	118
Gas Transportation Service - Rate GTS - Interruptible _____	124
Cogeneration Service - Rate CG _____	Third Revised 131
Developmental Natural Gas Vehicle Service - Rate NGVS Firm Service _____	Fortieth Revised 135
Developmental Natural Gas Vehicle Service - Rate NGVS Interruptible Service _____	139
Liquefied Natural Gas Service – Rate LNG _____	Third Revised 142
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 _____	Third Revised 149
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE _____	Thirteenth Revised 151

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 3.1%. 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.

GAC (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 \$(0.00975) per Ccf for Commodity Costs and \$(0.00886) per Ccf for Demand Costs, for service on or after December 1, 2015. The total GAC is \$(0.01861) per Ccf. (I)

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.

(I) – Increase

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00009 per Ccf for service on or after December 1, 2015. (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 \$0.24903 per Ccf for Commodity Costs and \$0.13901 per Ccf for Demand Costs, for service on or after December 1, 2015. The total SSC is \$0.38804 per Ccf. (D)

(I)– Increase; (D) – Decrease

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:

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

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 \$0.36934 per Ccf, for service on or after December 1, 2015. (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-00021612 (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: 4.68% - GS Residential (“GS RES”); 0.28% - GS Commercial (“GS COM”); and 0.30% - 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	\$0.38804	\$0.38804	\$0.38804	\$0.38804	\$0.38804	\$0.38804	\$0.38804
GAC	(\$0.01861)	(\$0.01861)	(\$0.01861)	(\$0.01861)	(\$0.01861)	(\$0.01861)	(\$0.01861)
MFC	\$0.01729	\$0.00000	\$0.00103	\$0.00111	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.39072	\$0.37343	\$0.37446	\$0.37454	\$0.37343	\$0.37343	\$0.37343

(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) \$0.00027 per Ccf for Residential and Public Housing Customers on Rate GS; | (D) |
| b) \$0.00446 per Ccf for Commercial Customers on Rate GS; | (I) |
| c) \$0.02262 per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00446 per Ccf for The Philadelphia Housing Authority on Rate PHA. | (I) |

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

(I) – Increase; (D) – Decrease, (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 the Conservation Works Program (CWP) and the Enhanced Low Income Retrofit Program (ELIRP); and, 4) 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 = \$ 0.10669/Ccf.

(D)

(D) - Increase

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, 2015

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.

RATES

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

\$ 12.00 per month for Residential and Public Housing Authority Customers.
\$ 18.00 per month for Commercial Customers
\$ 50.00 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$ 0.36934 per Ccf for Residential and Public Housing (D)
\$ 0.36934 per Ccf for Commercial Customers (D)
\$ 0.36934 per Ccf for Industrial Customers (D)

Plus,

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

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

\$0.60067 per Ccf for Residential
\$0.49441 per Ccf for Public Housing
\$0.45984 per Ccf for Commercial and Municipal Customers
\$0.45332 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

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, 2015.

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):

\$ 18.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$ 0.36934 per Ccf

(D)

Plus,

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

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

\$0.33661 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

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, 2015

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);

\$18.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$ 0.36934 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):

\$0.41101 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

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, 2015

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 PHA customers who transport gas through a qualified NGS):

\$ 0.36934 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. 63

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF



Issued by: Craig White
President and CEO
PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

List of Changes Made by this Tariff

DEFINITIONS (Page 11)

The current Lost and Unaccounted for Gas and Retainage Rate percentage is increased from 2.7% to 3.1%

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

The load balancing charge decreases from \$41.6645 per design day Mcf to \$40.8442 per design day Mcf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Sixty Third Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Sixty Second 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

METER READ DATE - The date on which the Company schedules a meter to be read for purposes of producing a Customer bill in accordance with the regularly scheduled billing cycles of the Company.

NATURAL GAS SUPPLY SERVICE – Services provided by a Natural Gas Supplier as defined in section 2202 of the Gas Choice Act, 66 Pa. C.S. sec 2202.

OPERATIONAL FLOW ORDER ("OFO") - A directive issued by Company to Supplier, which is reasonably necessary to alleviate conditions that threaten the operational integrity of the Company's system on a critical day.

PURCHASE OF RECEIVABLES ("POR") – The program (and all relevant stipulations) addressed within the PUC approved Joint Petition for Settlement of Philadelphia Gas Works' Supplier of Last Resort Collaborative at Docket No. R-2008-2073938 and Philadelphia Gas Works' Purchase of Receivables Collaborative at Docket No. R-2009-2139884 as amended, modified other otherwise revised under Applicable Law.

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 3.1%. The percentage changes annually on December 1st and is based upon actual data for the preceding 12 months ending August 31st.

(I)

UPSTREAM CAPACITY ASSIGNMENT, RELEASE OR TRANSFER – The process to provide access to interstate pipeline capacity and storage contracts owned by Company to Supplier pursuant to Company's tariff and any applicable regulatory rules.

(I) - Increase

PHILADELPHIA GAS WORKS

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 \$40.8442 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:

$$BSC = (C / S_1) - (E / S_2)$$

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

CERTIFICATE OF SERVICE

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

Via Email and/or First Class Mail

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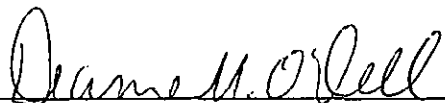
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Dated: November 30, 2015