



PHILADELPHIA GAS WORKS

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December 20, 2016

VIA FEDERAL EXPRESS

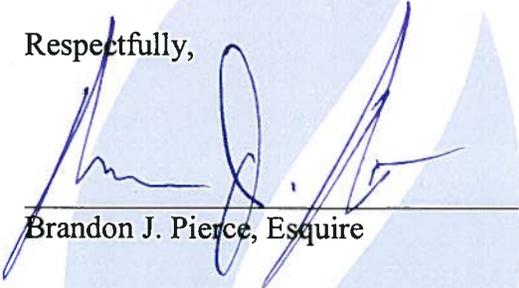
Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, 1 North
400 North Street
Harrisburg, PA 17120

Re: Philadelphia Gas Works ("PGW") January 1, 2017 Quarterly Distribution System Improvement Charge ("DSIC") Filing; Docket No. M-2016-XXXXXXX

Dear Secretary Chiavetta:

Enclosed please find supporting schedules for Philadelphia Gas Works' ("PGW") January 1, 2017 Quarterly DSIC filing. The DSIC rate effective January 1, 2017 will decrease from 8.84% to 8.80%.¹ The filing includes updated Tariff pages to reflect this change. Please do not hesitate to contact me with any questions.

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

cc: Cert. of Service w/enc
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¹ The Commission, through its July 6, 2016 Order at Docket No. P-2015-2501500, authorized PGW to increase its DSIC rate effective October 1, 2016 from 7.5% to 8.84%, for a two-year period to collect undercollections for the year ending December 31, 2015.

CERTIFICATE OF SERVICE

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

VIA FIRST CLASS MAIL and EMAIL

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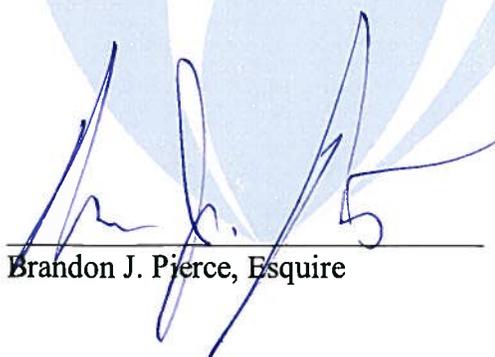
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Dated: December 20, 2016



Brandon J. Pierce, Esquire

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

Supplement No. 98

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

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

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The DSIC rate effective January 1, 2017, decreases from 8.84% to 8.80%. (The Commission, through its July 6, 2016 Order at Docket No. P-2015-2501500, authorized PGW to increase its DSIC rate effective October 1, 2016 from 7.5% to 8.84%, for a two-year period to collect undercollections for the year ending December 31, 2015).

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DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

In addition to the net charges provided for in this Tariff, for service rendered on or after January 1, 2017, a charge of 8.80% will apply consistent with the Commission Order dated May 9, 2013, at Docket No. P-2012-2337737 approving the DSIC and the Commission Orders dated January 28, 2016, and July 6, 2016, at Docket No. P-2015-2501500 modifying the terms and conditions of the DSIC.

(D)

1. General Description

A. Purpose: To recover the reasonable and prudent costs incurred to repair, improve, or replace eligible property which is completed and placed in service and recorded in the individual accounts, as noted below, between base rate cases and to provide the Utility with the resources to accelerate the replacement of aging infrastructure, to comply with evolving regulatory requirements. The costs of extending facilities to serve new customers are not recoverable through the DSIC.

B. Eligible Property: The DSIC-eligible property will consist of the following:

- Piping (account 376);
- Couplings (account 376);
- Gas services lines (account 380) and insulated and non-insulated fittings (account 378);
- Valves (account 376);
- Excess flow valves (account 376);
- Risers (account 376);
- Meter bars (account 382);
- Meters (account 381);
- Unreimbursed costs related to highway relocation projects where a natural gas distribution company or city natural gas distribution operation must relocate its facilities; and
- Other related capitalized costs.

C. Effective Date: The initial DSIC will become effective upon one (1) day notice after submission of a compliance tariff in compliance with commission order.

2. Computation of the DSIC

A. Calculation: The initial DSIC shall be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Utility's rates and have been or are projected to be placed in service in the calendar year in which the DSIC is charged. The DSIC charge shall be levelized so that, on an annual basis, it will collect the recoverable costs for eligible plant additions that have been or are anticipated to be placed in service during the calendar year. DSIC charges shall be reconciled and may be adjusted on a calendar quarter basis for: 1) actual experienced sales volumes; and 2) revisions to projected DSIC eligible capital expenditures.

(D) – Decrease

Supporting Schedules

**PHILADELPHIA GAS WORKS
 JANUARY 1, 2017 - QUARTERLY FILING
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

Projected Recoverable Annual Costs (DSI)	\$	<u>33,000,000</u>
Annual Reconciliation (e)	\$	<u>-</u>
Total Recoverable Costs (DSI + e)	\$	<u>33,000,000</u>
Projected Annual Revenues (PAR)	\$	<u>439,213,776</u> (Page 3)
Distribution System Improvement Charge (DSIC)		<u>7.50%*</u>
*(DSIC calculation exceeds 7.50% but PGW is limited to 7.50%)		
<u>Recovery of \$5.7 Million From 2015 Under-Collection (PUC Order 7-6-16)</u>		
2015 Annual Reconciliation (e) / 2	\$	<u>5,719,055</u> (Page 2)
Projected Annual Revenues (PAR)	\$	<u>439,213,776</u> (Page 3)
Distribution System Improvement Charge (DSIC)		<u>1.30%</u>
<u>Total Distribution System Improvement Charge (DSIC)</u>		<u>8.80%</u>

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

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

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
2015 DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) RECONCILIATION

<u>Month</u>	<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>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5 = 1 - 2)</u>	<u>(6 = 5 - 4)</u>	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>
January 15	\$ 2,419,579	\$ -	\$ -	\$ 786,761	(a) \$ 2,419,579	\$ 1,632,818	21	5.25%	\$ 150,015
February	\$ 1,772,081	\$ -	\$ -	\$ 786,761	(a) \$ 1,772,081	\$ 985,320	20	5.00%	\$ 82,110
March	\$ 1,655,303	\$ -	\$ -	\$ 786,761	(a) \$ 1,655,303	\$ 868,542	19	4.75%	\$ 65,322
2014 Under Collection			\$ (1,339,069)						
April	\$ 983,528	\$ 145,274	\$ (1,193,795)	\$ 644,033	(b) \$ 838,254	\$ 194,222	18	4.75%	\$ 13,838
May	\$ 458,174	\$ 67,675	\$ (1,126,120)	\$ 644,033	(b) \$ 390,499	\$ (253,534)	17	4.75%	\$ (17,061)
June	\$ 325,740	\$ 48,114	\$ (1,078,006)	\$ 644,033	(b) \$ 277,626	\$ (366,407)	16	4.75%	\$ (23,206)
July	\$ 268,558	\$ 48,757	\$ (1,029,249)	\$ 503,955	(c) \$ 219,801	\$ (284,154)	15	5.00%	\$ (17,760)
August	\$ 226,885	\$ 41,191	\$ (988,057)	\$ 503,955	(c) \$ 185,694	\$ (318,261)	14	5.14%	\$ (19,085)
September	\$ 222,845	\$ 40,458	\$ (947,600)	\$ 503,955	(c) \$ 182,387	\$ (321,568)	13	5.14%	\$ (17,906)
October	\$ 584,249	\$ 35,528	\$ (912,071)	\$ 1,763,581	(d) \$ 548,720	\$ (1,214,861)	12	5.00%	\$ (60,743)
November	\$ 1,268,886	\$ 77,161	\$ (834,910)	\$ 11,440,057	(d&e) \$ 1,191,725	\$ (10,248,332)	11	5.00%	\$ (469,715)
December	\$ 1,830,267	\$ 111,299	\$ (723,611)	\$ 3,107,253	(d&f) \$ 1,718,968	\$ (1,388,285)	10	5.00%	\$ (57,845)
Totals	\$ 12,016,096	\$ 615,458		\$ 22,115,137	\$ 11,400,638	\$ (10,714,499)			\$ (372,036)
2015 Under Collection			\$ (11,438,110)						

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

** Interest is not recoverable in net under-collections

- (a) \$ 2,360,282 recoverable costs in 1-1-15 DSIC quarterly filing divided by 3 months
- (b) \$ 1,932,098 recoverable costs in 4-1-15 DSIC quarterly filing divided by 3 months
- (c) \$ 1,511,865 recoverable costs in 7-1-15 DSIC quarterly filing divided by 3 months
- (d) \$ 5,290,744 recoverable costs in 10-1-15 DSIC quarterly filing divided by 3 months
- (e) \$ 9,676,476 recoverable costs placed in service in November 2015 and 1/3 of these costs were included in the January, 2016 rate
- (f) \$ 1,343,672 recoverable costs for December 2015 and not included in the 2016 rate

Philadelphia Gas Works
January 1, 2017 DSIC Filing
Annual Tariff Revenue

	1st Quarter Filing 12/1/2016			December 1, 2016 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	18,631	223,567	417,622	\$12.00	\$0.3724	\$1.3045	\$0.0247	\$0.0100	\$6.0067	2,683	156	545	10	4	2,509	5,906
3 Commercial	3,683	44,196	980,580	\$18.00	\$0.3724	\$1.3045	\$0.0610	\$0.0100	\$4.5984	796	365	1,279	60	10	4,509	7,019
4 Industrial	120	1,440	98,122	\$50.00	\$0.3724	\$1.3045	\$0.0384	\$0.0100	\$4.5332	72	37	128	4	1	445	686
5 Municipal/MS	95	1,140	125,593	\$18.00	\$0.3724	\$1.3045	-	\$0.0100	\$3.3661	21	47	164	0	1	423	655
6 NGV	3	36	1,766	\$35.00	\$0.3724	\$1.3045	-	\$0.0100	\$1.2833	1	1	2	0	0	2	7
7 <i>Total Non-Heat Firm</i>	22,532	270,379	1,623,682							3,572	605	2,118	74	16	7,887	14,272
8																
9 Heating:																
10 Residential	453,439	5,441,268	36,035,943	\$12.00	\$0.3724	\$1.3045	\$0.0247	\$0.0100	\$6.0067	65,295	13,420	47,009	890	360	216,457	343,431
11 Commercial	17,537	210,444	6,253,482	\$18.00	\$0.3724	\$1.3045	\$0.0610	\$0.0100	\$4.5984	3,788	2,329	8,158	381	63	28,756	43,474
12 Industrial	395	4,740	304,576	\$50.00	\$0.3724	\$1.3045	\$0.0384	\$0.0100	\$4.5332	237	113	397	12	3	1,381	2,143
13 Municipal/MS	388	4,656	510,066	\$18.00	\$0.3724	\$1.3045	-	\$0.0100	\$3.3661	84	190	665	0	5	1,717	2,661
14 PHA Rate 8	144	1,728	44,203	\$18.00	\$0.3724	\$1.3045	\$0.0610	\$0.0100	\$4.1101	31	16	58	3	0	182	290
15 PHA/GS	1,963	23,556	186,479	\$12.00	\$0.3724	\$1.3045	\$0.0247	\$0.0100	\$4.9441	283	69	243	5	2	922	1,524
16 <i>Total Heat Firm</i>	473,866	5,686,392	43,334,750							69,718	16,138	56,530	1,291	433	249,414	393,524
17 Total Heat & Non-Heat Firm	496,398	5,956,771	44,958,432							73,290	16,743	58,648	1,364	450	257,302	407,797
18																
19 Firm Transport																
20 Non-Heating:																
21 Residential	0	0	0	\$12.00	\$0.3724	\$1.3045	\$0.0247	\$0.0100	\$6.0067	0	0	0	0	0	0	0
22 Commercial	642	7,699	459,913	\$18.00	\$0.3724	\$1.3045	\$0.0610	\$0.0100	\$4.5984	139	171	600	28	5	2,115	3,057
23 Industrial	38	456	160,532	\$50.00	\$0.3724	\$1.3045	\$0.0384	\$0.0100	\$4.5332	23	60	209	6	2	728	1,027
24 Municipal/MS	187	2,244	59,284	\$18.00	\$0.3724	\$1.3045	-	\$0.0100	\$3.3661	40	22	77	0	1	200	340
25 NGV	1	12	4,343	\$35.00	\$0.3724	\$1.3045	-	\$0.0100	\$1.2833	0	2	6	0	0	0	0
26 <i>Total Non Heat FT</i>	868	10,411	684,073							202	255	892	34	7	3,042	4,425
27																
28 Heating:																
29 Residential	0	0	0	\$12.00	\$0.3724	\$1.3045	\$0.0247	\$0.0100	\$6.0067	0	0	0	0	0	0	0
30 Commercial	2,659	31,908	3,040,757	\$18.00	\$0.3724	\$1.3045	\$0.0610	\$0.0100	\$4.5984	574	1,132	3,967	185	30	13,983	19,872
31 Industrial	74	888	325,156	\$50.00	\$0.3724	\$1.3045	\$0.0384	\$0.0100	\$4.5332	44	121	424	12	3	1,474	2,079
32 Municipal/MS	199	2,388	410,064	\$18.00	\$0.3724	\$1.3045	-	\$0.0100	\$3.3661	43	153	535	0	4	1,380	2,115
33 PHA	749	8,988	476,851	\$18.00	\$0.3724	\$1.3045	-	\$0.0100	\$4.1101	162	178	622	0	5	1,960	2,926
34 <i>Total Heat FT</i>	3,681	44,172	4,252,828							824	1,584	5,548	198	43	18,797	26,992
35 Total FT	4,549	54,583	4,936,901							1,026	1,839	6,440	232	49	21,839	31,417
36																
37 Total PGW	500,946	6,011,354	49,895,332							74,316	18,581	65,088	1,597	499	279,141	439,214

**PHILADELPHIA GAS WORKS
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)
2016 REVENUE & RECOVERABLE COSTS - YTD**

<u>Month</u>	<u>Actual</u>	<u>Total DSIC Revenue Billed</u>	<u>DSIC Recoverable Costs</u>
January 16	Actual	\$ 2,778,674	\$ -
February	Actual	\$ 4,122,896	\$ -
March	Actual	\$ 3,804,364	\$ -
April	Actual	\$ 2,712,898	\$ -
May	Actual	\$ 1,893,201	\$ 3,269,674
June	Actual	\$ 1,305,160	\$ -
July	Actual	\$ 1,060,862	\$ -
August	Actual	\$ 996,516	\$ 11,321,634
September	Actual	\$ 1,034,016	
October	Actual	\$ 1,305,535	
November	Actual	\$ 2,462,916	\$ 1,869,530

**PHILADELPHIA GAS WORKS
 JANUARY 1, 2017 - QUARTERLY FILING
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

RECOVERABLE COSTS - 8/31/16 to 11/30/2016

FERC Account #	PGW Project #	Location	Type	Cost			
				Sep-16	Oct-16	Nov-16	Total
376	411043	100 E Courtland St, 100 W Courtland St, 4500 A St, 4500 N Lee St, 4500 N Howard St	8" Low & Intermediate Pressure Main	\$ -	\$ -	\$ 324,883	\$ 324,883
376	411195	900 Bainbridge, 700 S. 10th, 1000 Fitzwater, 11th St Fitzwater to Washington Av	12" High Pressure Main	\$ -	\$ -	\$ 1,544,647	\$ 1,544,647
Recoverable Costs (DSIC)				\$ -	\$ -	\$ 1,869,530	\$ 1,869,530