



PHILADELPHIA GAS WORKS

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September 20, 2018

VIA FEDERAL EXPRESS

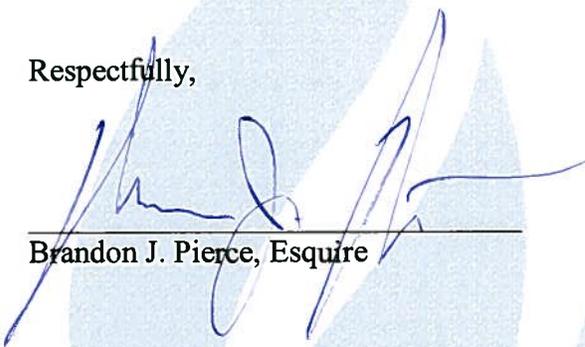
Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, 1 North
400 North Street
Harrisburg, PA 17120

Re: Philadelphia Gas Works (“PGW”) October 1, 2018 Quarterly Distribution System Improvement Charge (“DSIC”) Filing; Docket No. M-2018-XXXXXXX

Dear Secretary Chiavetta:

On behalf of Philadelphia Gas Works (“PGW”), enclosed please find PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 116 and supporting schedules for PGW’s October 1, 2018 Quarterly DSIC filing. The DSIC rate effective October 1, 2018, will decrease from 8.70% to 7.50%, reflecting the end of the two-year undercollection recovery permitted by the Commission.¹ Please do not hesitate to contact me with any questions.

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

- cc: Cert. of Service w/enc
Bohdan Pankiw (via email bpankiw@pa.gov)
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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 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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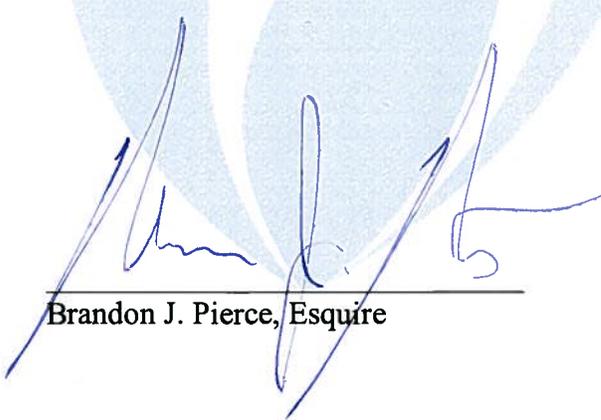
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Dated: September 20, 2018



Brandon J. Pierce, Esquire

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

Supplement No. 116

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.

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) (Page No. 151)

The DSIC rate effective October 1, 2018, decreases from 8.70% to 7.50%, reflecting the end of the two-year undercollection recovery permitted by the Commission's July 6, 2016 Order at Docket No. P-2015-2501500.

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) (Page No. 152)

In the Customer Safeguards section (section 4.A), the "Cap" section has been updated to remove the language stating, "The Utility is permitted, by Commission Order dated July 6, 2016, at Docket No. P-2015-2501500, to temporarily increase its DSIC recovery rate to 8.84% for a period not to exceed two (2) years to allow for the recovery of an undercollection 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 October 1, 2018, a charge of 7.50% 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 leveled 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

The dates and types of changes in the DSIC rate will occur as follows:

Effective Date of Change	Rate Change That Will Occur
January 1	Annual levelized C-factor rate adjustments
April 1	Adjustment prior year over/under collection
July 1	Optional rate adjustment
October 1	Adjustment for +/- 2% over / under collection

B. Recoverable Costs: The recoverable costs shall be amounts reasonably expended or incurred to purchase and install eligible property and associated financing costs, if any, including debt service, debt service coverage, and issuance costs.

C. Application of DSIC: The DSIC will be expressed as a percentage carried to two decimal places and will be applied to the total amount billed to each customer for distribution service under the Utility's otherwise applicable rates and charges. To calculate the DSIC, the annual recoverable costs to be placed into service during the calendar year in which the DSIC is being charged will be divided by the Utility's projected revenues for distribution services (including all applicable clauses and riders) for the annual period during which the charge will be collected.

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

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

Where:

- DSI = The projected annual level of recoverable costs (defined in Section B. directly above)
- e = the amount calculated under the annual reconciliation feature or Commission audit, as described below.
- 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.

3. Quarterly Updates: Supporting data for each quarterly update will be filed with the Commission and served upon the Commission's Bureau of Investigation and Enforcement, the Office of Consumer Advocate, the Office of Small Business Advocate and the Bureau of Audits at least ten (10) days prior to the effective date of the update.

4. Customer Safeguards

A. Cap: The DSIC is capped at 7.50% of the amount billed to customers for distribution service (including all applicable clauses and riders), inclusive of amounts billed for annual reconciliation pursuant to the "e" factor set forth above, as determined on an annualized basis.

(C)

(C) - Change

Supporting Schedules

**PHILADELPHIA GAS WORKS
OCTOBER 1, 2018 - QUARTERLY FILING
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

Projected Recoverable Annual Costs (DSI) \$ 33,000,000

2017 Annual Reconciliation (e) \$ 13,419,965 (Page 2)

Total Recoverable Costs (DSI + e) \$ 46,419,965

Projected Annual Revenues (PAR) \$ 477,583,315 (Page 3)

Distribution System Improvement Charge (DSIC) 7.50% *
*(DSIC calculation exceeds 7.50% but PGW is limited to 7.50%)

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

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

Where:

DSI = Projected recoverable annual costs

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

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

PHILADELPHIA GAS WORKS
2017 DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) RECONCILIATION

	<u>DSIC Revenue Billed</u>			<u>DSIC Recoverable Costs</u>	<u>DSIC Revenue Billed</u>		<u>Interest Weighting</u>	<u>Interest Rate*</u>	<u>Interest**</u>
	<u>Total DSIC Revenue Billed</u>	<u>Allocated to Over / (Under) Collection</u>	<u>Over / (Under) Collection Balance</u>		<u>Allocated to Recoverable Costs</u>	<u>Over/(Under) Collection</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>
Month									
January 17	\$ 6,291,001	\$ 929,352	\$ 929,352		\$ 5,361,649	\$ 5,361,649	21	5.00%	\$ 469,144
February	\$ 5,197,101	\$ 767,754	\$ 1,697,106		\$ 4,429,347	\$ 4,429,347	20	5.25%	\$ 387,568
March	\$ 4,706,903	\$ 695,338	\$ 2,392,444		\$ 4,011,565	\$ 4,011,565	19	5.25%	\$ 333,461
2016 Under Collection			\$ (16,439,986)						
April	\$ 3,690,718	\$ 1,142,754	\$ (12,904,788)		\$ 2,547,964	\$ 2,547,964	18	5.25%	\$ 200,652
May	\$ 1,843,437	\$ 570,782	\$ (12,334,006)		\$ 1,272,655	\$ 1,272,655	17	5.25%	\$ 94,654
June	\$ 1,500,801	\$ 464,692	\$ (11,869,314)		\$ 1,036,109	\$ 1,036,109	16	5.25%	\$ 72,528
July	\$ 1,260,353	\$ 390,242	\$ (11,479,072)		\$ 870,111	\$ 870,111	15	5.25%	\$ 57,101
August	\$ 1,204,284	\$ 372,881	\$ (11,106,190)	\$ 2,005,290	\$ 831,402	\$ (1,173,888)	14	5.00%	\$ (68,477)
September	\$ 1,278,961	\$ 396,004	\$ (10,710,187)		\$ 882,957	\$ 882,957	13	5.00%	\$ 47,827
October	\$ 1,316,978	\$ 407,775	\$ (10,302,412)		\$ 909,203	\$ 909,203	12	5.00%	\$ 45,460
November	\$ 2,484,193	\$ 769,179	\$ (9,533,233)	\$ 19,381,214	\$ 1,715,014	\$ (17,666,200)	11	5.00%	\$ (809,701)
December	\$ 4,920,746	\$ 1,523,607	\$ (8,009,626)	\$ 11,288,951	\$ 3,397,139	\$ (7,891,812)	10	5.25%	\$ (345,267)
Totals	\$ 35,695,476	\$ 8,430,360		\$ 32,675,455	\$ 27,265,116	\$ (5,410,339)			\$ 484,951
2017 Under Collection			\$ (13,419,965)						

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

** Interest is not recoverable in net under-collections

PHILADELPHIA GAS WORKS
OCTOBER 1, 2018 DSIC FILING
Annual Tariff Revenue

	1st Quarter Filing 12/1/2017			December 1, 2017 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	17,932	215,180	380,166	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	2,959	144	564	9	3	2,546	6,224
3 Commercial	3,334	40,012	849,270	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	936	321	1,261	40	7	4,132	6,697
4 Industrial	106	1,272	103,226	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	89	39	153	3	1	492	777
5 Municipal/MS	83	996	101,650	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	23	38	151	0	1	434	648
6 NGV	3	36	1,718	\$35.00	\$0.3785	\$1.4845	-	\$0.0077	\$1.2833	1	1	3	0	0	2	7
7 <i>Total Non-Heat Firm</i>	21,458	257,496	1,436,029							4,009	544	2,132	51	11	7,606	14,353
8																
9 Heating:																
10 Residential	457,381	5,488,569	34,562,252	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	75,468	13,082	51,308	778	266	231,453	372,354
11 Commercial	17,899	214,784	6,163,344	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	5,026	2,333	9,149	291	47	29,985	46,832
12 Industrial	398	4,776	294,560	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	334	111	437	8	2	1,405	2,298
13 Municipal/MS	394	4,726	501,414	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	111	190	744	0	4	2,142	3,191
14 PHA Rate 8	219	2,628	52,230	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$5.0163	61	20	78	2	0	262	424
15 PHA/GS	2,013	24,156	184,493	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$5.7105	332	70	274	4	1	1,054	1,735
16 <i>Total Heat Firm</i>	478,303	5,739,639	41,758,292							81,332	15,806	61,990	1,083	322	266,301	426,833
17 Total Heat & Non-Heat Firm	499,761	5,997,135	43,194,321							85,341	16,349	64,122	1,134	333	273,908	441,186
18																
19 Firm Transport																
20 Non-Heating:																
21 Residential	43	516	1,681	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	7	1	2	0	0	11	22
22 Commercial	612	7,340	493,668	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	172	187	733	23	4	2,402	3,520
23 Industrial	36	432	161,961	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	30	61	240	4	1	773	1,110
24 Municipal/MS	181	2,172	60,332	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	51	23	90	0	0	258	421
25 NGV	1	12	4,815	\$35.00	\$0.3785	\$1.4845	-	\$0.0077	\$1.2833	0	2	7	0	0	258	421
26 <i>Total Non Heat FT</i>	873	10,472	722,456							260	273	1,072	27	6	3,443	5,073
27																
28 Heating:																
29 Residential	652	7,824	159,458	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	108	60	237	4	1	1,068	1,477
30 Commercial	2,543	30,510	3,154,465	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	714	1,194	4,683	149	24	15,347	22,111
31 Industrial	69	828	329,834	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	58	125	490	8	3	1,573	2,257
32 Municipal/MS	198	2,376	389,303	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	56	147	578	0	3	1,663	2,447
33 PHA	742	8,904	422,523	\$13.75	\$0.3785	\$1.4845	-	\$0.0077	\$5.0163	122	160	627	0	3	2,119	3,032
34 <i>Total Heat FT</i>	4,204	50,442	4,455,582							1,058	1,686	6,614	161	34	21,771	31,324
35 <i>Total FT</i>	5,076	60,914	5,178,038							1,318	1,960	7,687	188	40	25,214	36,397
36																
37 Total PGW	504,837	6,058,049	48,372,359							86,659	18,309	71,809	1,322	372	299,121	477,583

PHILADELPHIA GAS WORKS
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)
2018 REVENUE & RECOVERABLE COSTS - YTD

<u>Month</u>	<u>Actual</u>	<u>Total DSIC</u> <u>Revenue Billed</u>	<u>DSIC Recoverable</u> <u>Costs</u>
January 2018	Actual	\$ 8,626,322	\$ -
February	Actual	\$ 6,118,705	\$ -
March	Actual	\$ 5,470,211	\$ -
April	Actual	\$ 4,962,824	\$ -
May	Actual	\$ 2,398,664	\$ 2,303,244
June	Actual	\$ 1,537,556	\$ -
July	Actual	\$ 1,387,764	\$ -
August	Actual	\$ 1,328,996	\$ 7,525,299

**PHILADELPHIA GAS WORKS
OCTOBER 1, 2018 - QUARTERLY FILING
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

RECOVERABLE COSTS - 6/1/18 to 8/31/18

FERC Account #	PGW Project #	Location	Type	Cost			
				Jun-18	Jul-18	Aug-18	Total
376	411372-LD	6000-6300 Wister, 6100-6300 N. Beechwood, 6200 N. Norwood, 2100 Medary	12" & Larger (LP)	\$ -	\$ -	\$ 1,308,957	\$ 1,308,957
377	411458	4500-4600 Cottman Ave, 7200 Glenloch St, 7200 Marsden St	12" & Larger (HP)	\$ -	\$ -	\$ 690,182	\$ 690,182
378	411371	5500-5600 Sprague, Blakemore, Matthews, Ardleigh, 5700 Anderson, 1000-1100 Woodlawn, 1000-1200 Chelton	8" (LP / IP)	\$ -	\$ -	\$ 1,501,011	\$ 1,501,011
379	411431	6100-6200 Lindbergh Ave, 6100-6200 Harley Ave, 2900 Felton Ave, 2900 S 62nd St, 2900 Robinson St, 2900 Dewey St	8" (LP / IP)	\$ -	\$ -	\$ 792,048	\$ 792,048
381	411477	1400 - 1800 Washington Ln.	12" & Larger (HP)	\$ -	\$ -	\$ 816,657	\$ 816,657
382	411408	2500-2600 S. 68th, 6800-6900 Elmwood, 6800 Dicks Ave, 2500-2600 Carroll, 2500 Massey	8" (LP / IP)	\$ -	\$ -	\$ 1,076,314	\$ 1,076,314
383	411409	1400-1800 Norris St, 2000-2100 Carlisle St, 2000-2100 Broad St	12" & Larger (LP)	\$ -	\$ -	\$ 738,128	\$ 738,128
376	411326	Market - JFK Blvd to 32nd St, 32nd - Powelton to Market	12" & Larger (HP)	\$ -	\$ -	\$ 16,493	\$ 16,493
376	411325	100-200 W. Springfield, 7700-7800 Crefeld, 200 W. Willow Grove, 7900-8300 Seminole	12" & Larger (HP)	\$ -	\$ -	\$ 76,455	\$ 76,455
376	411338	300-500 W. Erie, 200-400 Sedgley, 3600 N. 3rd, 3500-3600 Lawrence, 400-500 Venango, 400-500 Erie, 3400-3500 N. 5th, 3500 Randolph, 500 Tioga	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 1,558	\$ 1,558
376	411341	Tioga at B and C Sts, H St - Allegheny to Tioga, Ontario St - H to Kensington, I St - Ontario to Venango	12" & Larger (HP)	\$ -	\$ -	\$ 81,601	\$ 81,601
376	411334	5700-5800 N. 16th (West), 5700 Virginian, 5700 N. 17th, 5700 Ogontz, 1600-1800 Grange, 1600-1900 Conlyn	8" (LP / IP)	\$ -	\$ -	\$ 34,578	\$ 34,578
376	411355	2100-2200 W. Ontario, 3400 N. 23rd, 3600 N. 21st, 2100 Pacific, 2200 Estaugh 2000-2100 W. Venango	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 45,184	\$ 45,184
376	411337	3500 N. 5th, 500-600 Rising Sun, 3800 Reese, 3800 Fairhill, 500-600 Butler, 3700 N. 6th, 3700 Randolph, 3700 N. 5th 400-500 W. Erie	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 217,752	\$ 217,752
376	411339	600-700 Westmoreland, 600 Willard, 600 Hilton, 3200 Tampa, 3200 Keim, 3200 F, 700 Madison, 700 Willard, 600-700 Allegheny, 3100 E, 600 Wishart, 3100 F	8" (LP / IP)	\$ -	\$ -	\$ 128,381	\$ 128,381
Recoverable Costs (DSIC)				\$ -	\$ -	\$ 7,525,299	\$ 7,525,299