



PGL North Project - Contractor completing complex shoring for a tie-in to existing gas feed.

The Peoples Gas Light and Coke Company System Modernization Program *ICC 2018 3rd Quarter Report*

SMP Progress through: September 30, 2018

Published: November 14, 2018



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1. Summary Observations & Analysis

Enclosed is Peoples Gas' System Modernization Program (SMP) Third Quarter 2018 Report. The information displayed on the pages that follow are actual results recorded from January 2018 through September 2018 as measured against the plan established in the fourth quarter of 2017.

Peoples Gas continues to see variability with respect to both costs and installed/retired main and meters when compared to its 2018 plan. As explained below, the primary cause of this variability has been adjustments to the mix of SMP work being done in 2018 to take advantage of opportunities presented by third party construction projects. While these adjustments result in variations from the 2018 plan, they improve the cost of modernizing the system. This quarter-to-quarter and year-to-year variability also supports the need to view the SMP over multiple years to get a realistic picture of program progress and performance.

Peoples Gas continues to make good progress on modernizing its natural gas system. As in past quarters, the rapid pace of economic development and modernization of sewer, water, communications, and road infrastructure have required changes to our execution plan. New construction projects by multiple entities performing work in the public way create numerous opportunities to collaborate and share costs, but can also defer planned neighborhood work from one year to the next as resources are rebalanced.

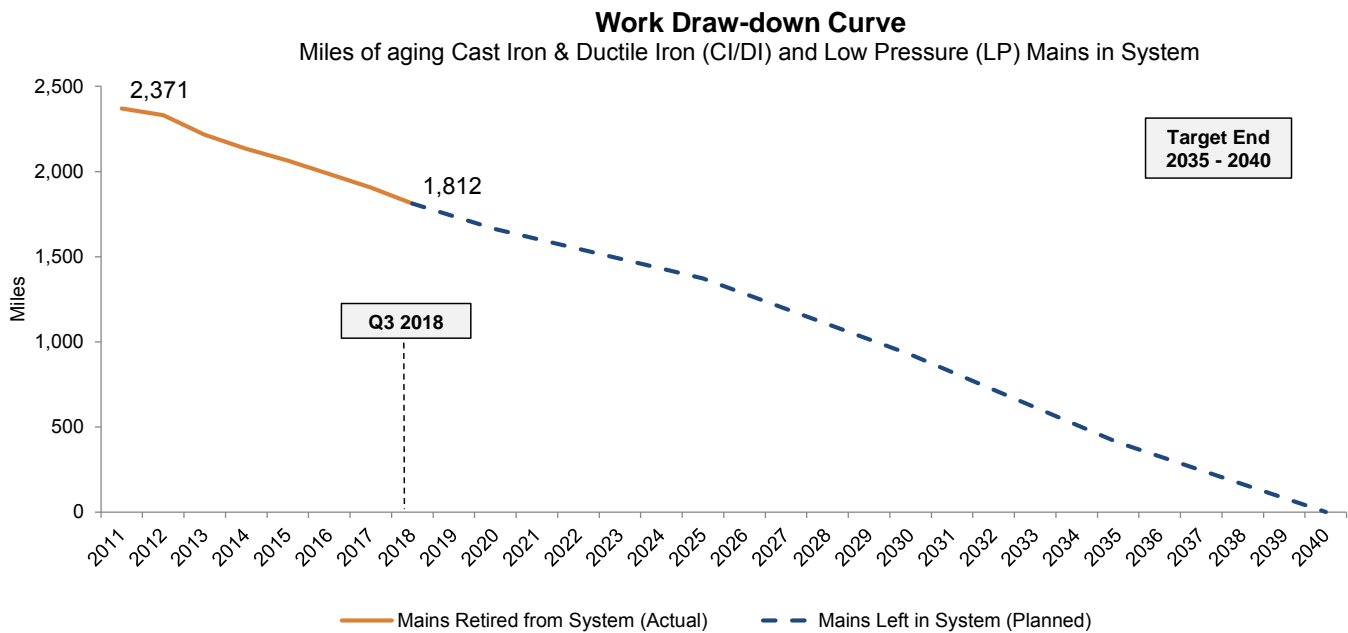
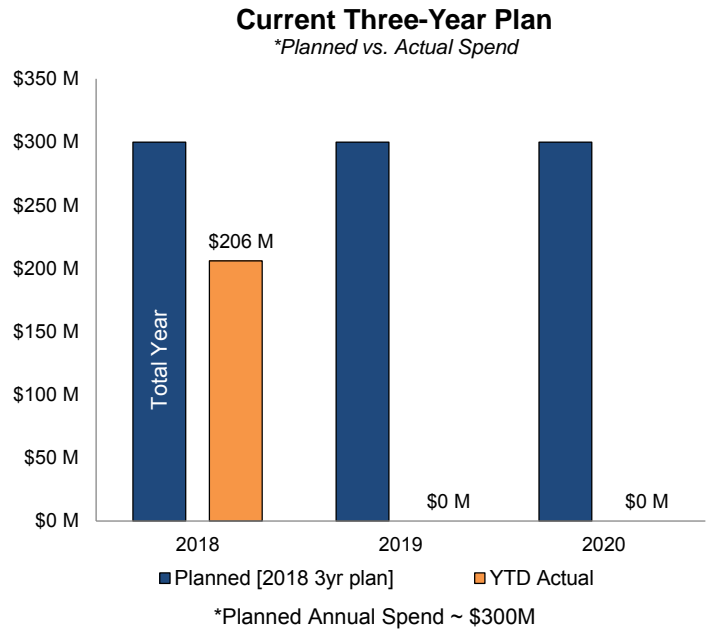
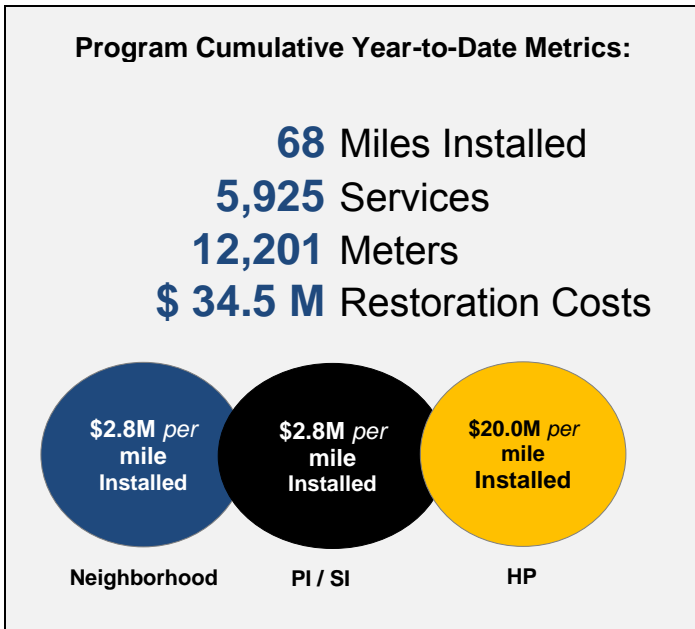
For example, one project that was not in the 2018 plan is a main replacement at Leavitt & Ainslie, which is being coordinated with the Water Department. The new gas main is being installed now to avoid conflicts with water main replacement. The cost of restoration is reduced by about 10% by sharing the restoration with the Water Department. Because of necessary projects like this one, Neighborhood work in Mayfair for example was deferred to 2019.

- Neighborhood cost per installed mile has remained steady throughout 2018, but the need to accommodate more emergent Public Improvement and High Pressure work has deferred to 2019 many lower cost neighborhood projects that were originally slated for 2018.
- Public Improvement/System Improvement (PI/SI) cost per installed mile has also been impacted by variability in the projects being executed this year. There were over 20 new Public Improvement projects identified after the plan for the year was set including some projects in the Central Business District. As a result, several larger System Improvement projects were deferred to 2019. Larger System Improvement projects are typically less costly on a dollars per mile basis.
- High Pressure work had more spend in the current calendar year than originally budgeted as work from 2017 was deferred and completed in 2018. A majority of the deferred work involved regulation vault installation, tie-ins, and restoration. Although the cost per mile is higher in 2018 due to this resequencing, the cost per installed mile for the project is still forecasted to be in line with the planned cost per installed mile when viewed across the multi-year installation timeline.
- Year-to-date (YTD) installation quantities have been reduced, as noted above, as we have focused on emergent projects. This reduction in main installation quantities has also reduced the anticipated number of services, meters, and field retirement quantities.
- Third quarter field retirement quantities increased for Neighborhood work, but are still anticipated to be below the plan at year end due to the decrease in total planned installed miles and expected variability in the coordination of switching individual customers onto new facilities prior to being able to retire the at-risk facilities. Nonetheless, we expect actual year-end retirement miles will correlate with new installation miles

1. Summary Observations & Analysis (cont.)

- The advanced Mark & Bar execution approach involves installing the bar where the meter is set before starting main installation (rather than after main and service installation). This execution approach was newly implemented last year and has continued to provide value to our customers by materially reducing construction timelines and expediting restoration, resulting in substantially better feedback from customers and the community. These costs are part of the meter relocation program, which have increased as the new process and new field employees have moved through the learning curve. As the process continues to mature and new employees grow their experience, we expect that efficiency will improve without sacrificing the substantial customer benefits this process has delivered.

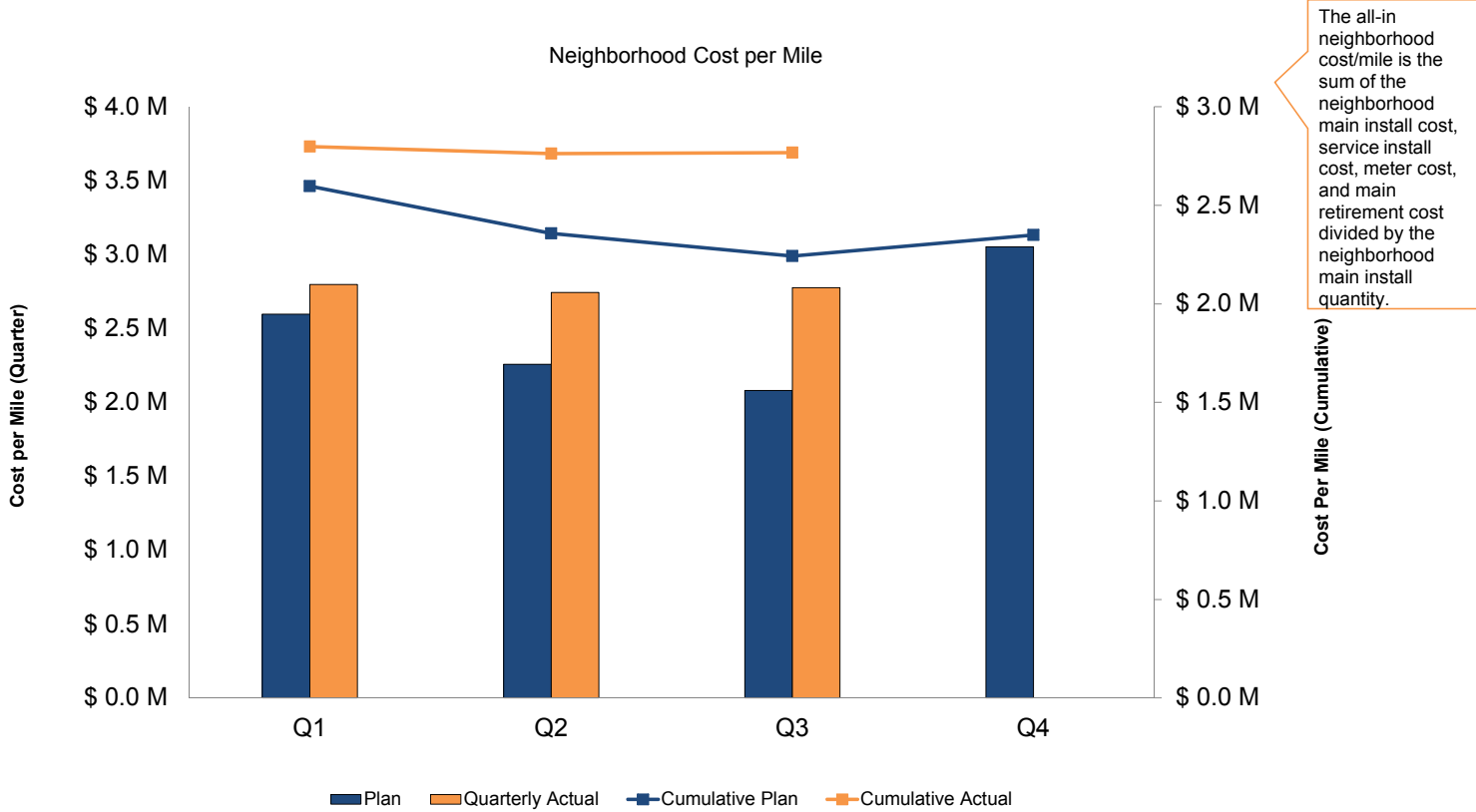
2. High Level Program Status



Peoples Gas - System Modernization Program *2018 Q3 Report*

Neighborhood Replacement Program – Projects that Peoples Gas ranks, designs, and constructs based on the most at risk system components identified by the company’s neighborhood ranking tool.

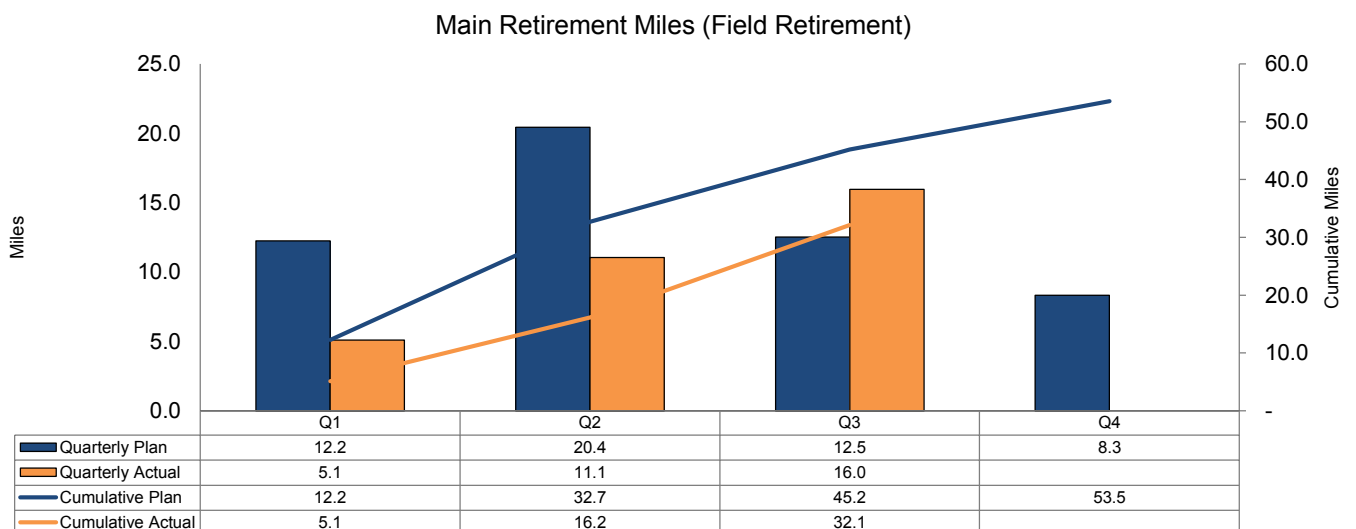
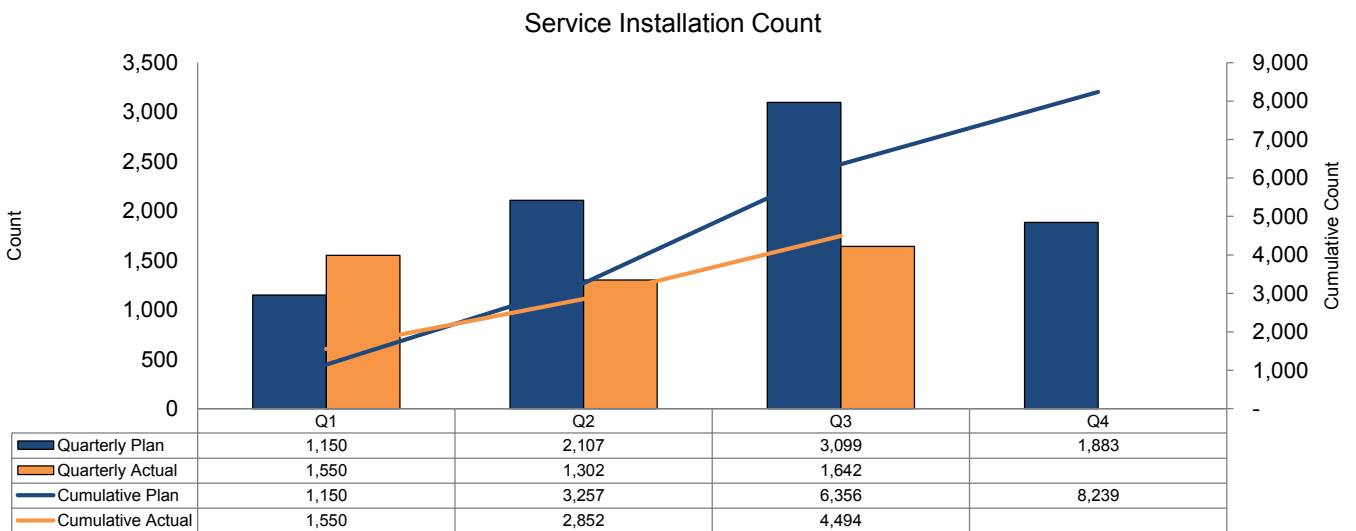
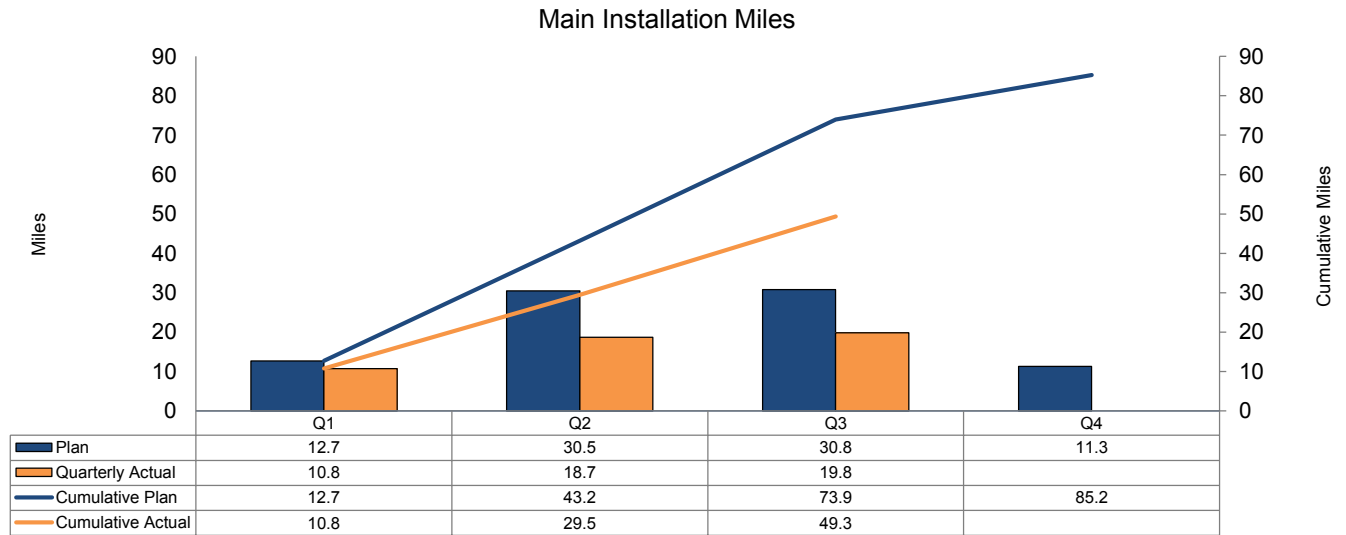
3A. Neighborhood Program Performance



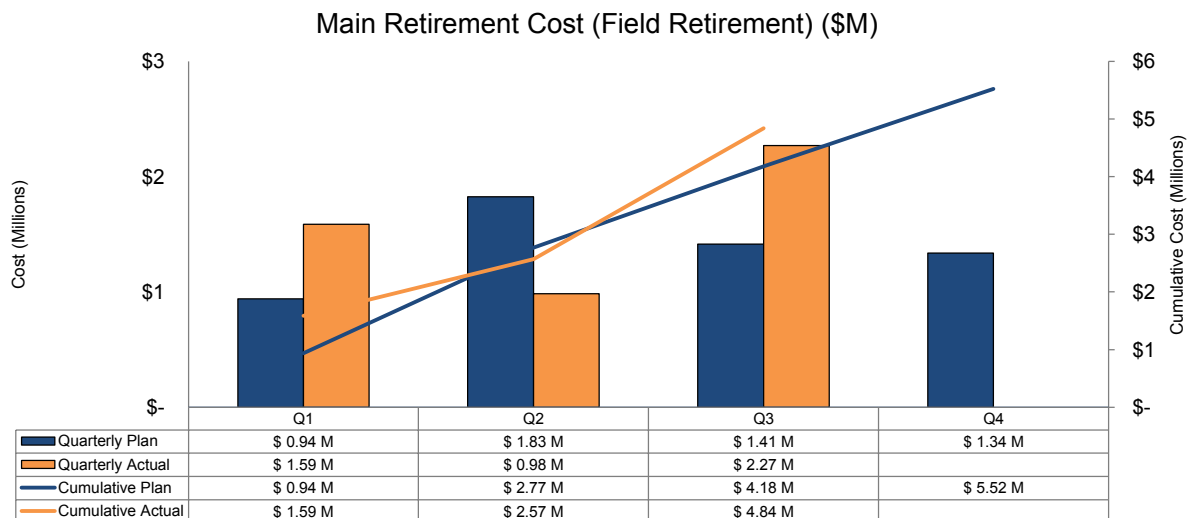
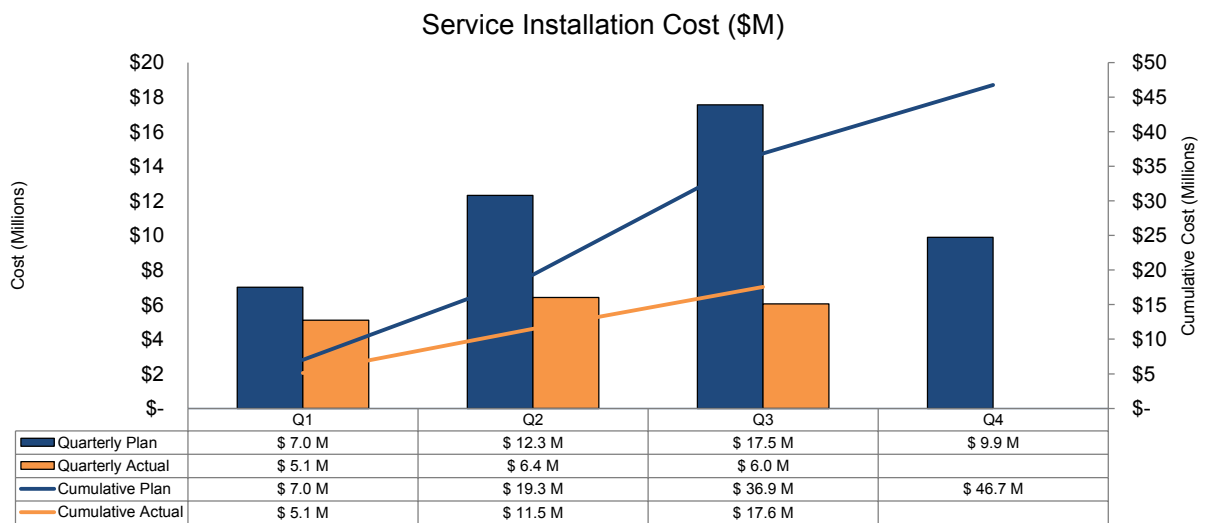
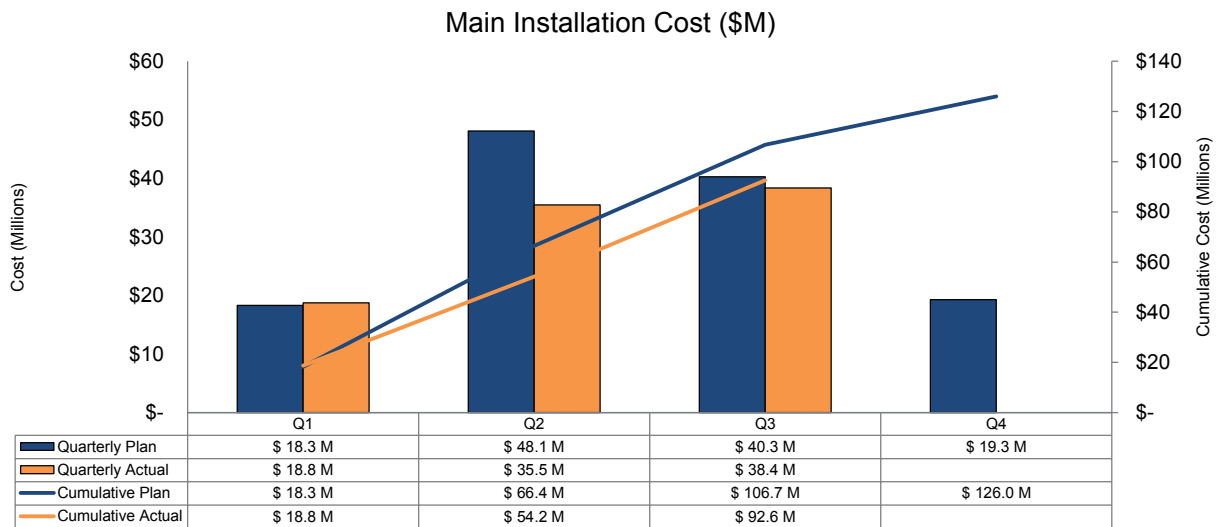
Year-to-Date Numbers

	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 106.7 M	73.9	\$1.4 M / install mile	\$ 92.6 M	49.3	\$1.9 M / install mile
Main Retirement	\$ 4.2 M	45.2	\$0.1 M / retire mile	\$ 4.8 M	32.1	\$0.2 M / retire mile
Service Replacement	\$ 36.9 M	6,356	\$5,798 / service	\$ 17.6 M	4,494	\$3,908 / service
Meter Moves (allocation)	\$ 18.1 M	11,299	\$1,602 / meter	\$ 21.5 M	9,562	\$2,248 / meter
TOTAL	\$ 165.8 M	73.9	\$2.2 M / install mile	\$ 136.5 M	49.3	\$2.8 M / install mile

3B. Neighborhood - Quantity Graphs



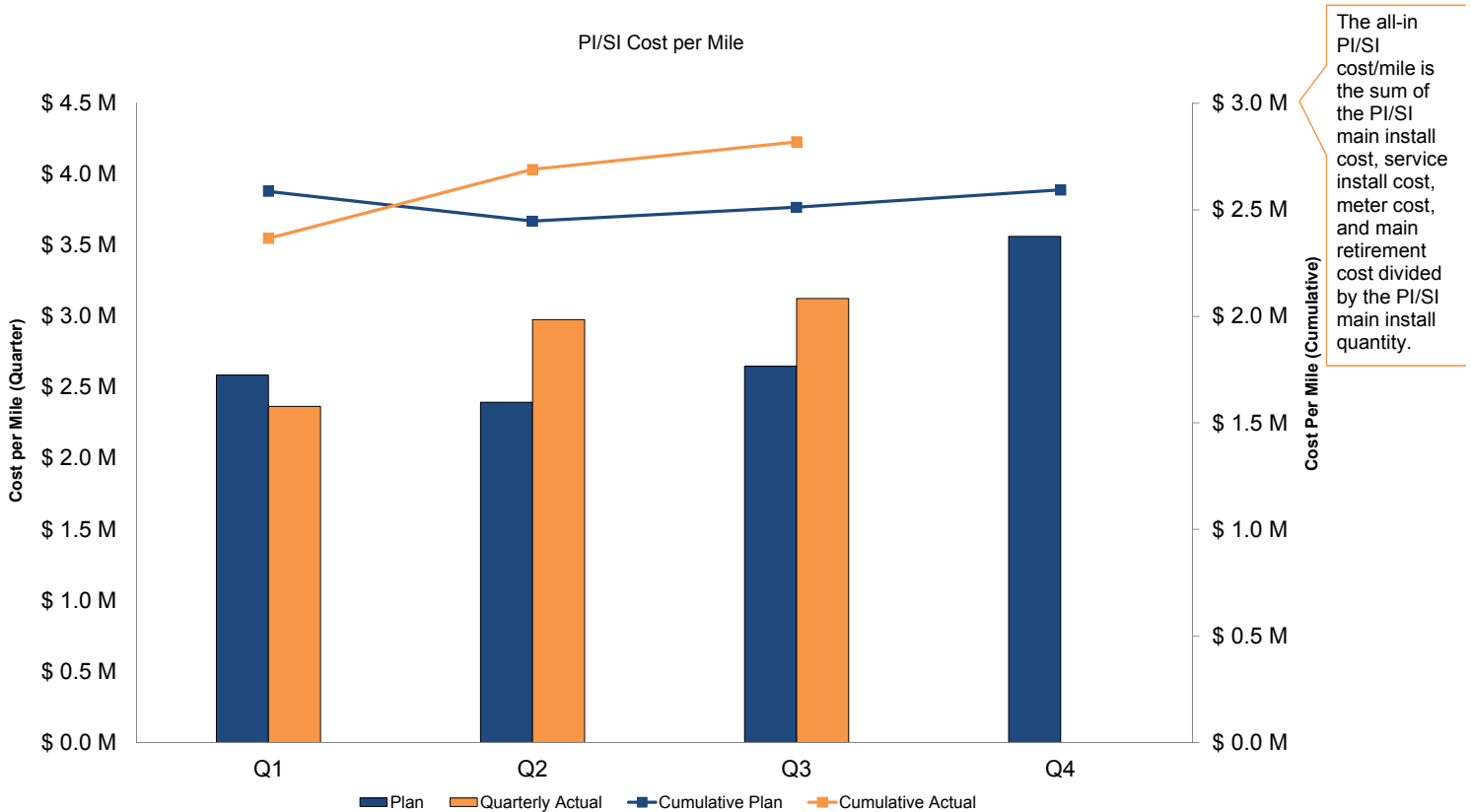
3C. Neighborhood - Cost Graphs



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Public Improvement/System Improvement (PI/SI) - Projects similar to the Neighborhood Replacement Program, but other factors require the upgrade or relocation of existing vulnerable material - Peoples Gas is responding to a third party request to relocate or replace facilities due to conflicts with the third party or addressing capacity or reliability concerns.

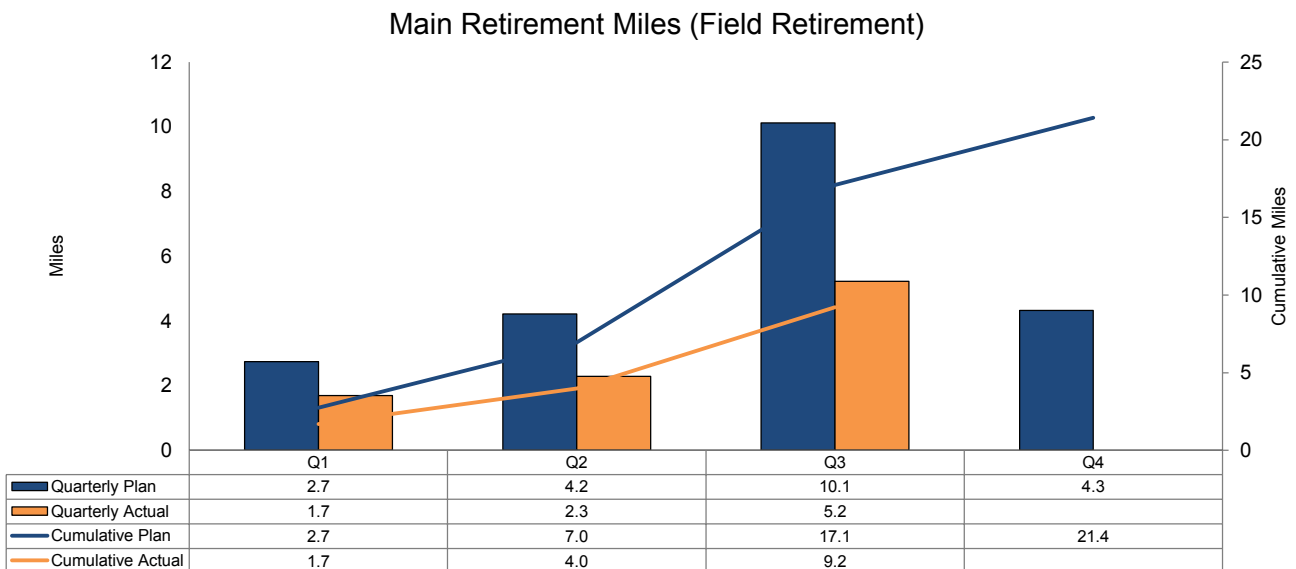
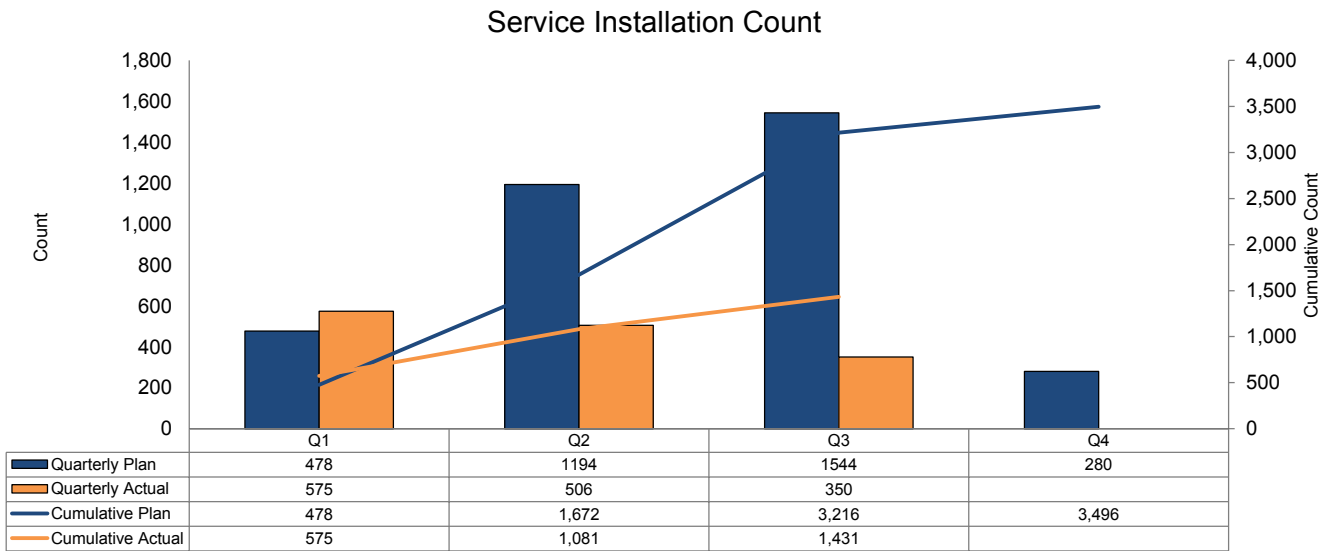
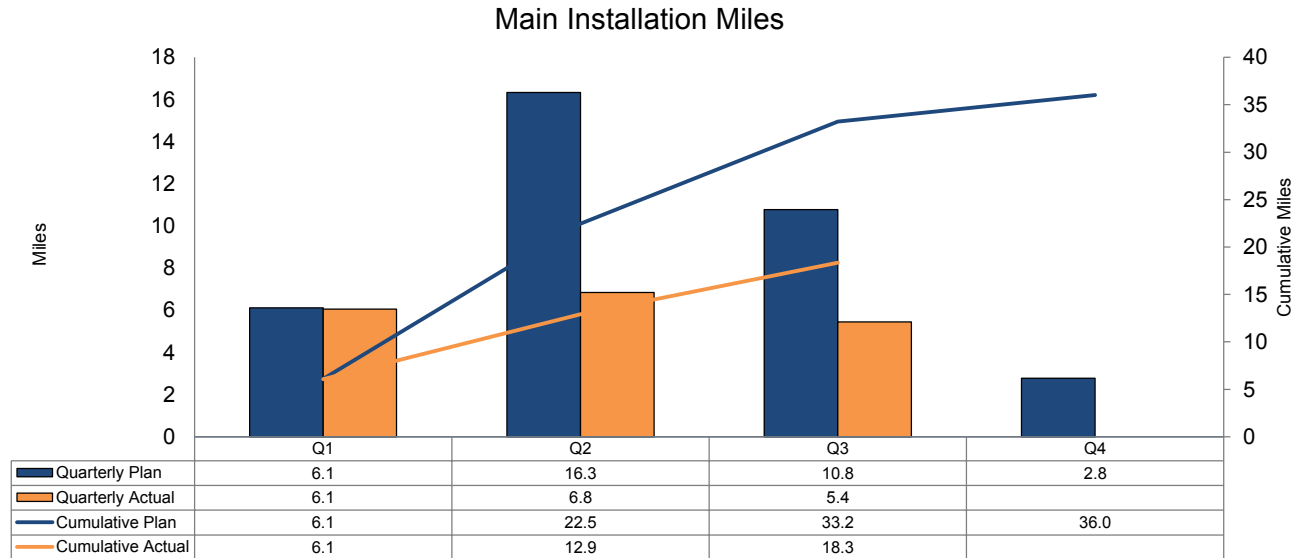
4A. Public Improvement / System Improvement Program Performance



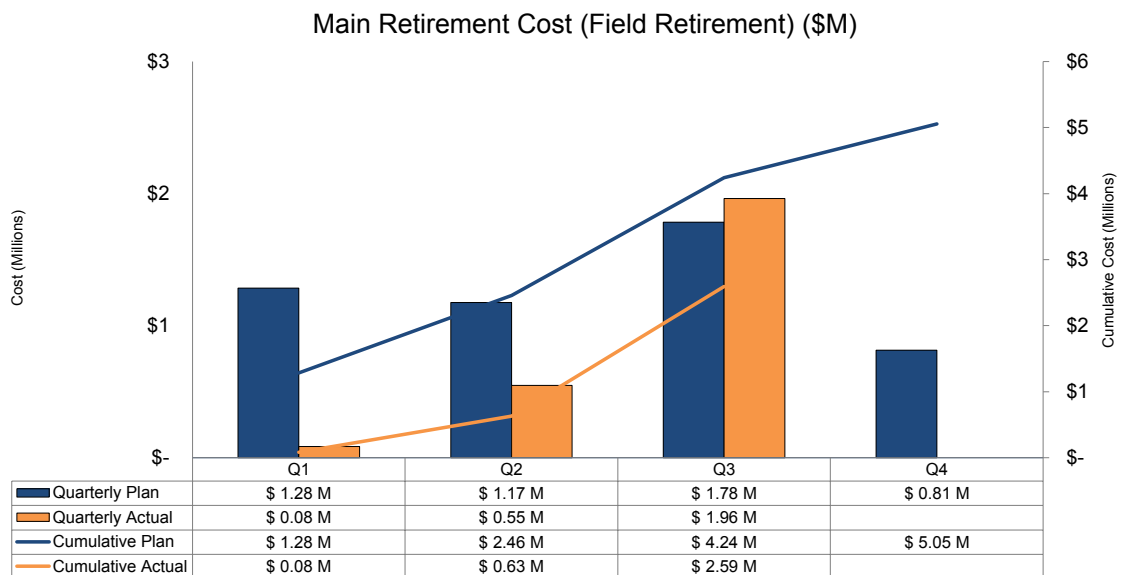
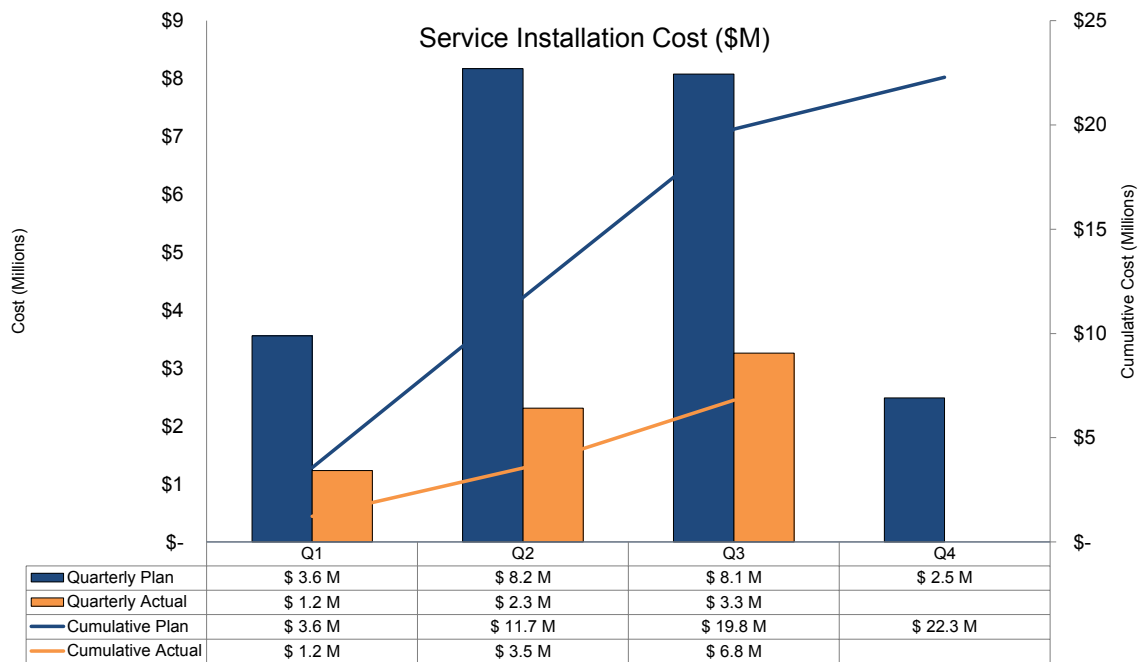
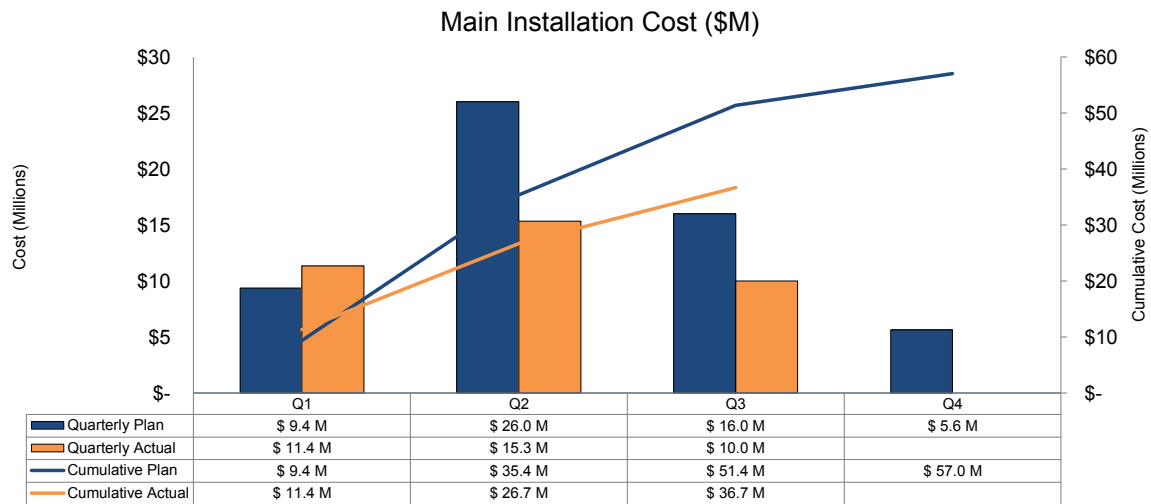
Year-to-Date Numbers

	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 51.4 M	33.2	\$1.5 M / install mile	\$ 36.7 M	18.3	\$2.0 M / install mile
Main Retirement	\$ 4.2 M	17.1	\$0.2 M / retire mile	\$ 2.6 M	9.2	\$0.3 M / retire mile
Service Replacement	\$ 19.8 M	3,216	\$6,159 / service	\$ 6.8 M	1,431	\$4,756 / service
Meter Moves (allocation)	\$ 8.0 M	5,190	\$1,545 / meter	\$ 5.6 M	2,639	\$2,125 / meter
TOTAL	\$ 83.5 M	33.2	\$2.5 M / install mile	\$ 51.7 M	18.3	\$2.8 M / install mile

4B. Public Improvement / System Improvement - Quantity Graphs



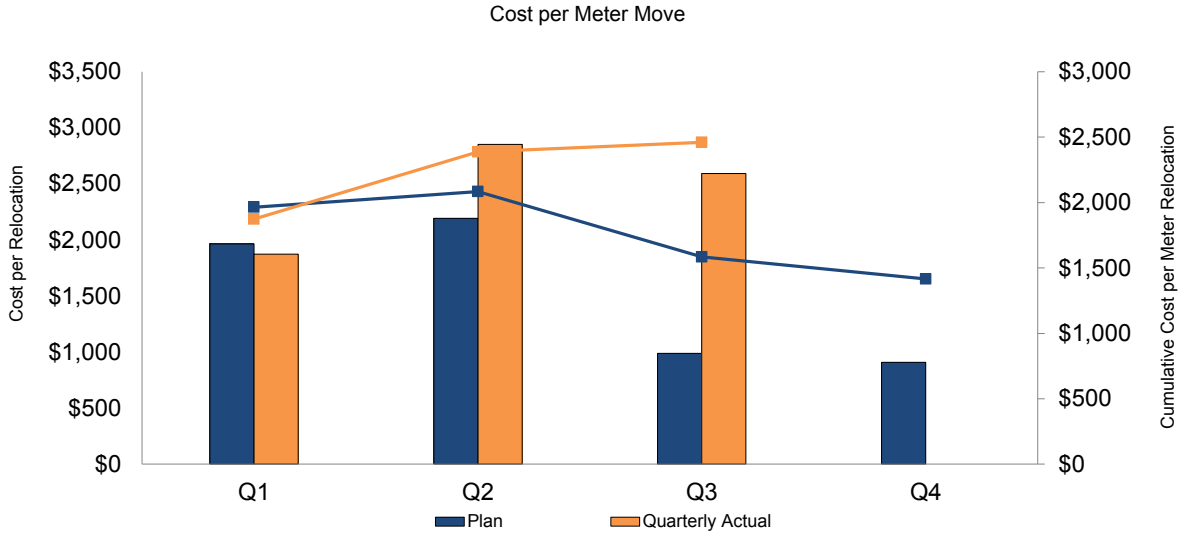
4C. Public Improvement / System Improvement - Cost Graphs



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Meter Moves – Costs associated with moving customer meters as part of the system modernization program.

5A. Meter Moves Program Performance

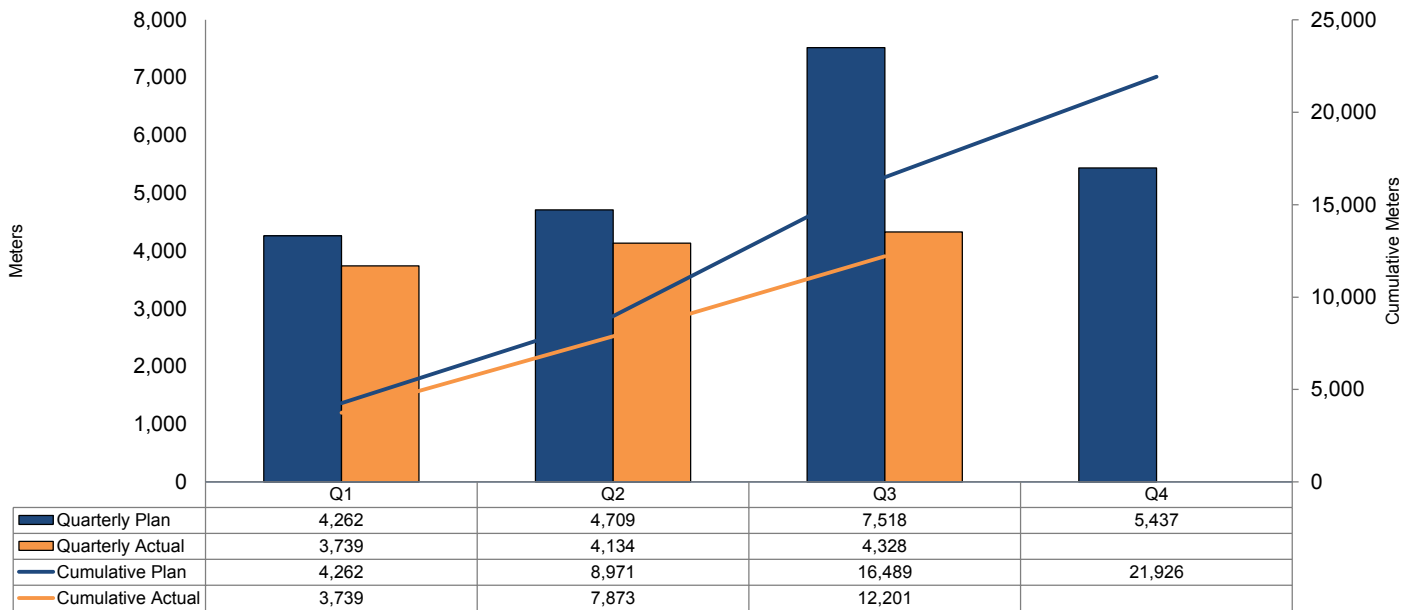


Year-to-Date Numbers

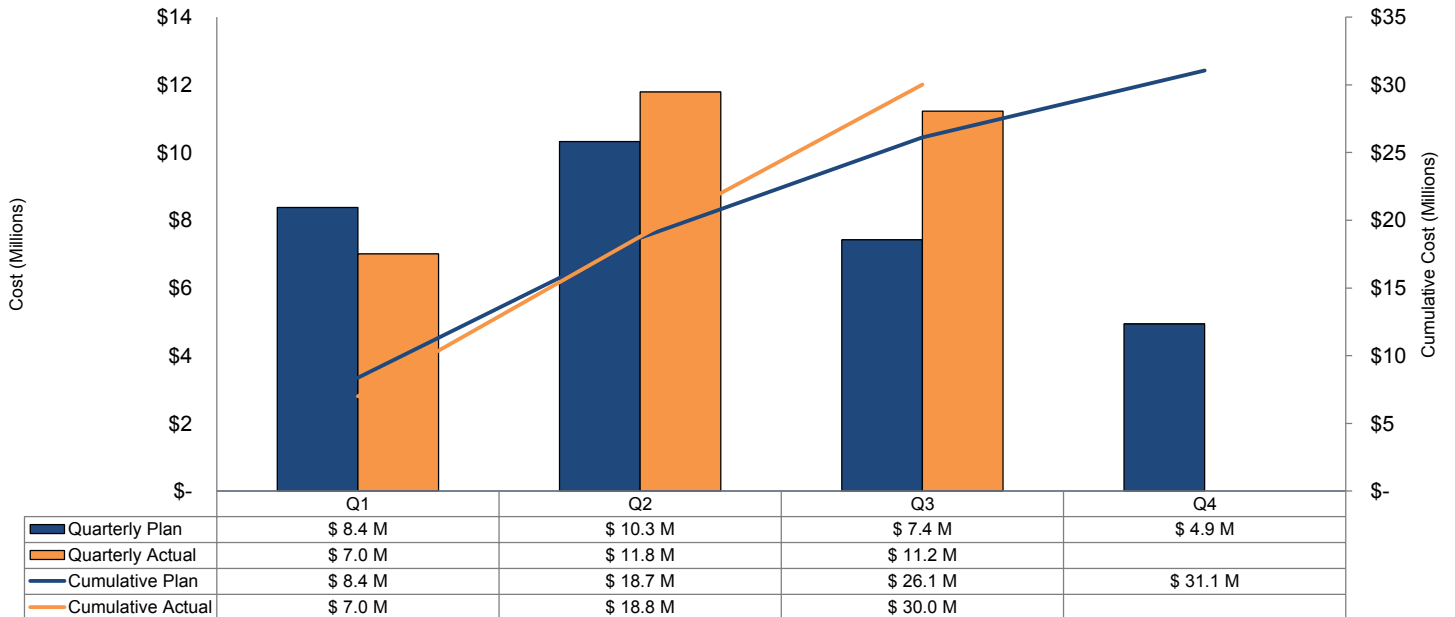
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Meter Moves (allocation)	\$ 26.1 M	16,489	\$1,584 / meter	\$ 30.0 M	12,201	\$2,460 / meter

5B. Meter Relocation Quantity and Cost

Meter Quantity



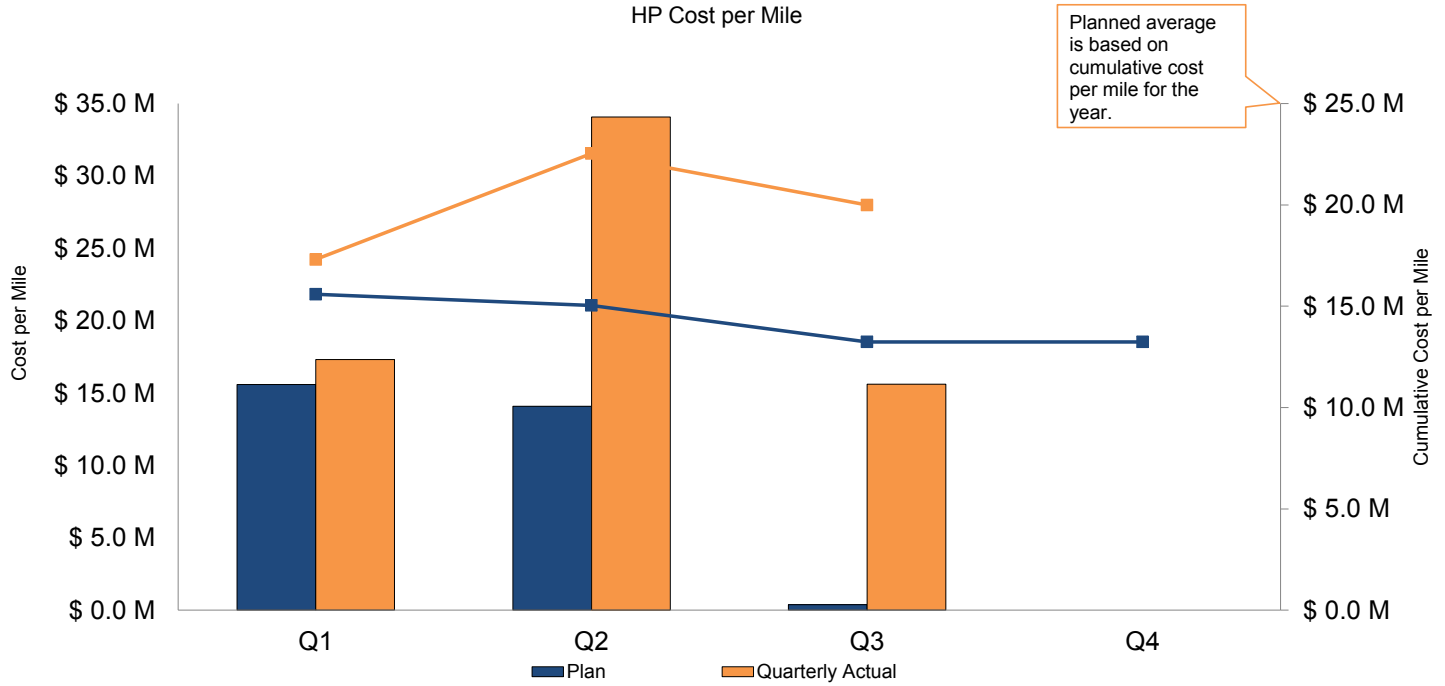
Meter Cost (\$M)



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High Pressure - Projects that support upgrading the system from Low Pressure to Medium pressure as well as projects establishing records and maximum allowable operating pressures.

6A. HP Program Performance

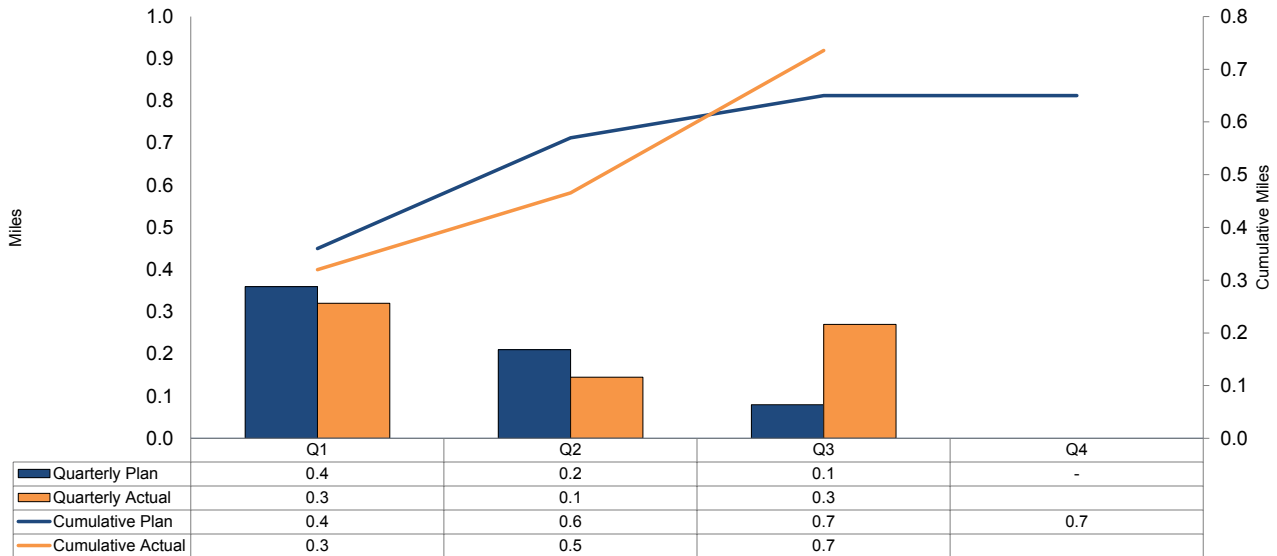


Year-to-Date Numbers

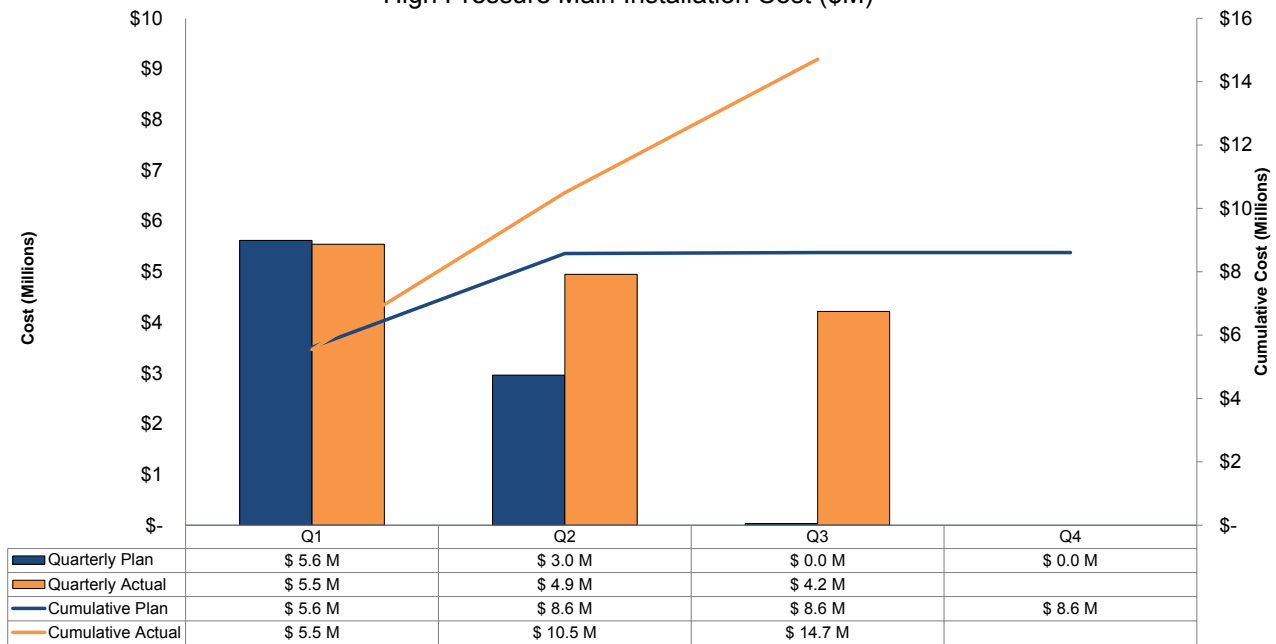
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 8.6 M	0.65	\$13.2 M / install mile	\$ 14.7 M	0.74	\$20.0 M / install mile

6B. High Pressure Main Installation

High Pressure Main Installation Quantity



High Pressure Main Installation Cost (\$M)



Peoples Gas - System Modernization Program *2018 Q3 Report*

7A. Disconnection Metrics

A.1. Number of Disconnections per month

	2018-01	2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	1	328	285	377	421	380	1,792
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	1	1,351	1,655	2,704	2,547	2,484	10,742
Res Non-Heating	-	-	-	-	19	30	94	119	144	406
Non Residential	36	13	26	83	96	172	291	302	195	1,214
Total	36	13	26	85	1,794	2,142	3,466	3,389	3,203	14,154

A.2. Percentage of Disconnections per month

	2018-01	2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	0.0001%	0.0408%	0.0354%	0.0469%	0.0523%	0.0472%	0.2228%
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	0.0001%	0.1680%	0.2058%	0.3362%	0.3167%	0.3088%	1.3355%
Res Non-Heating	-	-	-	-	0.0024%	0.0037%	0.0117%	0.0148%	0.0179%	0.0505%
Non-Residential	0.0401%	0.0145%	0.0290%	0.0925%	0.1070%	0.1918%	0.3244%	0.3367%	0.2174%	1.3535%

A.3. Number of Accounts Eligible for Disconnection

	2018-01	2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	173	497	584	524	538	606	2,922
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	6,458	24,142	34,806	28,496	31,039	30,053	154,994
Res Non-Heating	-	-	-	104	377	1,472	1,516	2,537	3,017	9,023
Non Residential	2,449	2,517	2,838	818	2,948	3,282	3,112	2,916	2,076	22,956
Total	2,449	2,517	2,838	7,553	27,964	40,144	33,648	37,030	35,752	189,895

A.4. Number of Reconnections per month

	2018-01	2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	YTD Total
Res Heating -Low Income ⁽¹⁾	19	3	10	-	5	31	9	18	17	112
Res Heating -Not-Low Income ⁽¹⁾	27	5	34	14	167	474	645	777	712	2,855
Res Non-Heating	-	-	1	-	1	3	8	6	13	32
Non Residential	41	7	11	34	12	27	41	84	69	326
Total	87	15	56	48	185	535	703	885	811	3,325

Notes:

⁽¹⁾Low Income is defined as accounts that received LIHEAP funding in the current program year which runs September through August.

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7B. Uncollectibles Metrics

B.1. Dollar Amount of Uncollectibles

	2018-01	2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	YTD Total
S.C. 1 Heating - Low Income ⁽¹⁾	\$ 28,638.72	\$ 33,273.05	\$ 22,050.04	\$ 49,565.81	\$ 53,691.01	\$ 8,927.38	\$ 164,634.47	\$ 246,133.73	\$ 261,629.01	\$ 868,543.22
S.C. 1 Heating - Not Low Income ⁽¹⁾	\$ 1,922,930.47	\$ 1,528,553.72	\$ 1,741,809.12	\$ 2,858,555.51	\$ 2,599,283.07	\$ 131,787.82	\$ 2,532,215.59	\$ 2,687,564.91	\$ 2,682,973.06	\$ 18,685,673.27
S.C. 1 Non-Heating	\$ 151,256.63	\$ 115,896.46	\$ 113,278.27	\$ 161,615.06	\$ 173,972.33	\$ 2,475,082.04	\$ 136,084.43	\$ 153,320.80	\$ 178,688.97	\$ 3,659,195.00
S.C. 2	\$ 179,717.18	\$ 215,767.31	\$ 168,537.15	\$ 99,257.08	\$ 429,511.21	\$ 251,692.52	\$ 411,793.67	\$ 418,670.65	\$ 318,267.93	\$ 2,493,214.69
S.C. 4	\$ -	\$ -	\$ -	\$ 3,642.03	\$ -	\$ -	\$ -	\$ -	\$ 19,885.84	\$ 23,527.87
S.C. 8	\$ -	\$ -	\$ -	\$ 751.85	\$ -	\$ 26.13	\$ 519.64	\$ 141.05	\$ -	\$ 1,438.67
Total	\$ 2,282,543.00	\$ 1,893,490.54	\$ 2,045,674.58	\$ 3,173,387.34	\$ 3,256,457.61	\$ 2,867,515.89	\$ 3,245,247.80	\$ 3,505,831.14	\$ 3,461,444.81	\$ 25,731,592.71

Notes:

⁽¹⁾Low Income is defined as accounts that received LIHEAP funding in the current program year which runs September through August.

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7C. Bill Impact Metrics - July 2018

Line No.	Service Classification [A]	Therm Sales ⁽¹⁾ [B]	Number of Customers ⁽²⁾ [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges ⁽³⁾ [E]	Rider QIP Charges ⁽⁴⁾ [F]	Gas Charges ⁽⁵⁾ [G]	Other Rider Charges ⁽⁶⁾ [H]	Other State Charges ⁽⁷⁾ [I]	State and Municipal Taxes ⁽⁸⁾ [J]	Total [K] Sum of col. [E]-[J]
1	Sales										
2	S. C. 1 Non-Htg	431,631	92,929	5	\$ 1,653,634	\$ 302,349	\$ 135,369	\$ 21,753.34	\$ 53,222	\$ 190,498	\$ 2,356,825
3	S. C. 1 Heating	10,211,727	621,773	16	\$ 22,035,080	\$ 4,209,082	\$ 3,243,433	\$ 439,225.94	\$ 358,182	\$ 2,857,113	\$ 33,142,116
4	S. C. 2	5,958,985	61,197	97	5,324,498	972,186	1,900,580	226,893	355,782	866,908	9,646,847
5	S. C. 4	35,699	2	17,849	13,170	2,466	11,615	725	22	10,097	38,094
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	(194)	11	(18)	1,553	292	(53)	(4)	10	106	1,903
8	Total Sales	16,637,847	775,912		\$ 29,027,934	\$ 5,486,375	\$ 5,290,944	\$ 688,594	\$ 767,217	\$ 3,924,722	\$ 45,185,785
9	Transportation										
10	S. C. 1 Non-Htg	14,041	10,050	1	175,395	32,110	962	479	5,760	19,563	234,270
11	S. C. 1 Heating	1,131,819	53,134	21	2,080,042	379,488	82,037	38,300	30,617	312,341	2,922,824
12	S. C. 2	9,680,185	18,178	533	4,454,126	813,853	555,094	342,130	102,660	1,327,816	7,595,678
13	S. C. 4	13,484,864	159	84,810	2,279,907	414,204	110,190	272,327	5,336	1,106,118	4,188,083
14	S. C. 5 / 7	5,760,070	3	1,920,023	949,907	-	-	11,935	398	354,538	1,316,778
15	S. C. 8	74,042	3	24,681	10,632	1,933	451	1,495	22	6,791	21,324
16	Contract and Pool	-	-	-	73,516	2,944	(617,389)	-	22	67,430	(473,477)
17	Total Transportation	30,145,020	81,527		\$ 10,023,525	\$ 1,644,532	\$ 131,346	\$ 666,666	\$ 144,815	\$ 3,194,596	\$ 15,805,479
18	Sales and Transportation										
19	S. C. 1 Non-Htg	445,672	102,979	4	1,829,030	334,459	136,331	22,233	58,982	210,061	2,591,095
20	S. C. 1 Heating	11,343,545	674,907	17	24,115,121	4,588,570	3,325,471	477,526	388,799	3,169,453	36,064,940
21	S. C. 2	15,639,170	79,375	197	9,778,623	1,786,039	2,455,674	569,023	458,442	2,194,724	17,242,525
22	S. C. 4	13,520,562	161	83,979	2,293,077	416,670	121,805	273,053	5,358	1,116,215	4,226,177
23	S. C. 5 / 7	5,760,070	3	1,920,023	949,907	-	-	11,935	398	354,538	1,316,778
24	S. C. 8	73,848	14	5,275	12,185	2,225	398	1,491	32	6,897	23,227
25	Contract and Pool	-	-	-	73,516	2,944	(617,389)	-	22	67,430	(473,477)
26	Total Sales and Transportation	46,782,867	857,439		\$ 39,051,459	\$ 7,130,907	\$ 5,422,289	\$ 1,355,260	\$ 912,032	\$ 7,119,318	\$ 60,991,265
27	Add: Other Revenues ⁽⁹⁾										\$ 3,374,034
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 64,365,298

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 679,930 therms.
(2) Number of customers at July 18, 2018.
(3) Base Rate charges in effect and include Rider UEA, Rider VBA, Rider SSC, Rider ICTA and Rider VITA.
(4) Rider QIP charges
(5) Gas charge and refund adjustments.
(6) Charges under Rider UEA-Gas Cost, Rider 11 and Rider EOA.
(7) Additional state charges under Rider 1.
(8) Additional charge for state and municipal utility taxes under Rider 1.
(9) Other revenues consist of amounts in ICC Account 487, 488, 489.3, 493 and 495.

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7C. Bill Impact Metrics - August 2018

Line No.	Service Classification [A]	Therm Sales ⁽¹⁾ [B]	Number of Customers ⁽²⁾ [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges ⁽³⁾ [E]	Rider QIP Charges ⁽⁴⁾ [F]	Gas Charges ⁽⁵⁾ [G]	Other Rider Charges ⁽⁶⁾ [H]	Other State Charges ⁽⁷⁾ [I]	State and Municipal Taxes ⁽⁸⁾ [J]	Total [K] Sum of col. [E]-[J]
1	Sales										
2	S. C. 1 Non-Htg	145,192	92,456	2	\$ 1,592,360	\$ 308,130	\$ 62,344	\$ 7,826	\$ 53,015	\$ 172,371	\$ 2,196,045
3	S. C. 1 Heating	9,953,176	618,580	16	\$ 22,442,828	\$ 4,327,225	\$ 3,624,394	\$ 433,010.38	\$ 352,676	\$ 2,852,516	\$ 34,032,648
4	S. C. 2	6,651,438	60,749	109	5,308,817	1,014,811	2,402,769	251,805	342,056	932,606	10,252,864
5	S. C. 4	43,725	4	10,931	18,650	3,621	17,692	818	15	32,209	73,005
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	212	12	18	305	76	82	4	40	187	695
8	Total Sales	16,793,743	771,801		\$ 29,362,960	\$ 5,653,863	\$ 6,107,281	\$ 693,463	\$ 747,801	\$ 3,989,889	\$ 46,555,257
9	Transportation										
10	S. C. 1 Non-Htg	42,238	9,866	4	172,138	33,218	939	1,387	5,566	21,210	234,458
11	S. C. 1 Heating	847,622	52,709	16	1,944,369	375,497	69,087	27,929	29,651	282,079	2,728,611
12	S. C. 2	9,403,280	18,202	517	4,528,247	870,847	514,763	312,614	102,172	1,279,030	7,607,674
13	S. C. 4	12,673,773	157	80,725	2,318,829	444,963	102,259	247,754	5,748	1,036,756	4,156,308
14	S. C. 5 / 7	5,441,465	3	1,813,822	1,220,462	-	-	20,731	1,355	568,422	1,810,970
15	S. C. 8	82,636	4	20,659	11,684	2,245	411	1,609	22	7,629	23,600
16	Contract and Pool	-	-	-	727,274	9,626	1,117,012	-	(22)	58,309	1,912,199
17	Total Transportation	28,491,014	80,941		\$ 10,923,004	\$ 1,736,394	\$ 1,804,470	\$ 612,025	\$ 144,492	\$ 3,253,436	\$ 18,473,820
18	Sales and Transportation										
19	S. C. 1 Non-Htg	187,430	102,322	2	1,764,498	341,347	63,283	9,213	58,581	193,581	2,430,503
20	S. C. 1 Heating	10,800,798	671,289	16	24,387,197	4,702,721	3,693,480	460,939	382,327	3,134,595	36,761,260
21	S. C. 2	16,054,718	78,951	203	9,837,064	1,885,658	2,917,532	564,419	444,229	2,211,636	17,860,538
22	S. C. 4	12,717,498	161	78,991	2,337,478	448,584	119,950	248,573	5,762	1,068,965	4,229,312
23	S. C. 5 / 7	5,441,465	3	1,813,822	1,220,462	-	-	20,731	1,355	568,422	1,810,970
24	S. C. 8	82,848	16	5,178	11,990	2,321	493	1,613	62	7,816	24,294
25	Contract and Pool	-	-	-	727,274	9,626	1,117,012	-	(22)	58,309	1,912,199
26	Total Sales and Transportation	45,284,757	852,742		\$ 40,285,963	\$ 7,390,257	\$ 7,911,750	\$ 1,305,488	\$ 892,294	\$ 7,243,324	\$ 65,029,077
27	Add: Other Revenues ⁽⁹⁾										\$ 2,011,231
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 67,040,308

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 587,810 therms.
 (2) Number of customers at August 16, 2018.
 (3) Base Rate charges in effect and include Rider UEA, Rider VBA, Rider SSC, Rider ICTA and Rider VITA.
 (4) Rider QIP charges
 (5) Gas charge and refund adjustments.
 (6) Charges under Rider UEA-Gas Cost, Rider 11 and Rider EOA.
 (7) Additional state charges under Rider 1.
 (8) Additional charge for state and municipal utility taxes under Rider 1.
 (9) Other revenues consist of amounts in ICC Account 487, 488, 489.3, 493 and 495.

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7C. Bill Impact Metrics - September 2018

Line No.	Service Classification [A]	Therm Sales ⁽¹⁾ [B]	Number of Customers ⁽²⁾ [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges ⁽³⁾ [E]	Rider QIP Charges ⁽⁴⁾ [F]	Gas Charges ⁽⁵⁾ [G]	Other Rider Charges ⁽⁶⁾ [H]	Other State Charges ⁽⁷⁾ [I]	State and Municipal Taxes ⁽⁸⁾ [J]	Total [K]	Sum of col. [E]-[J]
1	Sales											
2	S. C. 1 Non-Htg	347,341	92,702	4	\$ 1,470,611	\$ 287,203	\$ 124,178	\$ 17,773	\$ 47,495	\$ 170,071	\$ 2,117,331	
3	S. C. 1 Heating	11,926,739	619,060	19	\$ 22,009,790	\$ 4,301,225	\$ 4,268,698	\$ 514,718	\$ 336,629	\$ 2,966,829	\$ 34,397,888	
4	S. C. 2	7,280,713	60,521	120	5,021,392	975,084	2,604,296	272,724	310,968	935,535	10,119,999	
5	S. C. 4	377,028	4	94,257	78,891	14,796	128,962	7,452	41	21,568	251,710	
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-	
7	S. C. 8	1,125	9	125	159	37	403	22	(14)	18	624	
8	Total Sales	19,932,946	772,296		\$ 28,580,843	\$ 5,578,344	\$ 7,126,537	\$ 812,690	\$ 695,119	\$ 4,094,020	\$ 46,887,552	
9	Transportation											
10	S. C. 1 Non-Htg	39,839	9,607	4	149,806	29,298	934	1,298	4,875	19,090	205,302	
11	S. C. 1 Heating	1,119,967	52,238	21	1,843,642	360,332	69,039	36,791	27,122	294,733	2,631,659	
12	S. C. 2	9,568,104	18,104	529	4,378,571	856,116	534,328	316,650	95,268	1,298,751	7,479,684	
13	S. C. 4	13,126,525	158	83,079	2,211,591	432,828	106,327	253,406	5,742	515,039	3,524,932	
14	S. C. 5 / 7	762,571	3	254,190	(597,968)	-	-	(1,316)	372	(251,788)	(850,700)	
15	S. C. 8	86,481	4	21,620	12,507	2,443	511	1,654	28	8,186	25,328	
16	Contract and Pool	-	-	-	63,926	6,120	(276,184)	-	-	27,641	(178,497)	
17	Total Transportation	24,703,487	80,114		\$ 8,062,077	\$ 1,687,137	\$ 434,954	\$ 608,483	\$ 133,406	\$ 1,911,652	\$ 12,837,708	
18	Sales and Transportation											
19	S. C. 1 Non-Htg	387,180	102,309	4	1,620,418	316,501	125,112	19,072	52,370	189,161	2,322,633	
20	S. C. 1 Heating	13,046,706	671,298	19	23,853,432	4,661,557	4,337,736	551,509	363,751	3,261,561	37,029,547	
21	S. C. 2	16,848,817	78,625	214	9,399,963	1,831,200	3,138,623	589,375	406,236	2,234,286	17,599,683	
22	S. C. 4	13,503,553	162	83,355	2,290,482	447,624	235,290	260,858	5,783	536,607	3,776,642	
23	S. C. 5 / 7	762,571	3	254,190	(597,968)	-	-	(1,316)	372	(251,788)	(850,700)	
24	S. C. 8	87,606	13	6,739	12,667	2,480	913	1,675	14	8,204	25,952	
25	Contract and Pool	-	-	-	63,926	6,120	(276,184)	-	-	27,641	(178,497)	
26	Total Sales and Transportation	44,636,433	852,410		\$ 36,642,920	\$ 7,265,481	\$ 7,561,491	\$ 1,421,173	\$ 828,525	\$ 6,005,672	\$ 59,725,261	
27	Add: Other Revenues ⁽⁹⁾										\$ 4,620,842	
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 64,346,103	

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 497,710 therms.
(2) Number of customers at September 19, 2018.
(3) Base Rate charges in effect and include Rider UEA, Rider VBA, Rider SSC, Rider ICTA and Rider VITA.
(4) Rider QIP charges
(5) Gas charge and refund adjustments.
(6) Charges under Rider UEA-Gas Cost, Rider 11 and Rider EOA.
(7) Additional state charges under Rider 1.
(8) Additional charge for state and municipal utility taxes under Rider 1.
(9) Other revenues consist of amounts in ICC Account 487, 488, 489.3, 493 and 495.

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7C. Bill Impact Metrics

Average residential heating customer's monthly bill

Service Classification No. 1 - Residential Heating Customer

	Therms ⁽¹⁾	Base Rates ⁽²⁾	Rider QIP	Gas Charges	Other Riders ⁽³⁾	Other State Charges ⁽⁴⁾	State & Municipal Taxes ⁽⁵⁾	Total
January	206.94	\$ 81.79	\$ 5.71	\$ 68.21	\$ 7.86	\$ 0.53	\$ 18.65	\$ 182.75
February	180.96	\$ 75.58	\$ 5.20	\$ 58.65	\$ 6.77	\$ 0.53	\$ 16.58	\$ 163.31
March	122.26	\$ 61.55	\$ 5.18	\$ 39.47	\$ 4.51	\$ 0.53	\$ 12.21	\$ 123.44
April	76.36	\$ 51.44	\$ 5.66	\$ 23.41	\$ 3.22	\$ 0.53	\$ 8.86	\$ 93.12
May	30.08	\$ 39.20	\$ 5.63	\$ 9.22	\$ 1.27	\$ 0.53	\$ 5.38	\$ 61.24
June	29.59	\$ 38.40	\$ 6.51	\$ 9.17	\$ 1.26	\$ 0.55	\$ 5.37	\$ 61.27
July	16.87	\$ 35.58	\$ 6.51	\$ 5.35	\$ 0.73	\$ 0.55	\$ 4.47	\$ 53.18
August	15.86	\$ 35.30	\$ 6.81	\$ 5.78	\$ 0.69	\$ 0.55	\$ 4.48	\$ 53.60
September	17.26	\$ 35.56	\$ 6.95	\$ 6.17	\$ 0.74	\$ 0.55	\$ 4.58	\$ 54.56
October								
November								
December								
Calendar Year	696.18	\$ 454.40	\$ 54.16	\$ 225.42	\$ 27.07	\$ 4.85	\$ 80.58	\$ 846.48

Notes:

⁽¹⁾Weather normalized therms

⁽²⁾Base Rate charges in effect and include Rider UEA, Rider VBA, Rider SSC, Rider VITA, and Rider ICTA

⁽³⁾Charges under Rider UEA-Gas Cost, Rider 11 and Rider EOA

⁽⁴⁾Additional state charges and PUAC under Rider 1

⁽⁵⁾Additional charges for state and municipal utility taxes under Rider 1

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7D. System Modernization Program (SMP)

	D1.		D2.	S.C. No. 1 Rider QIP ⁽²⁾	D3.
	SMP Dollars Spent	QIP Dollars Spent	SMP % of QIP		S.C. No. 1 SMP ⁽³⁾
January⁽¹⁾	\$ 21,873,918.39	\$ 18,663,052.64	117.2%	\$ 5.71	\$ 6.69
February⁽¹⁾	\$ 6,670,437.00	\$ 9,710,307.72	68.7%	\$ 5.20	\$ 3.57
March⁽¹⁾	\$ 22,124,324.74	\$ 22,047,020.03	100.4%	\$ 5.18	\$ 5.19
April	\$ 31,162,812.11	\$ 32,017,946.29	97.3%	\$ 5.66	\$ 5.51
May⁽⁴⁾	\$ 17,814,984.07	\$ 17,436,866.29	102.2%	\$ 5.63	\$ 5.75
June	\$ 28,836,366.32	\$ 28,838,585.28	100.0%	\$ 6.51	\$ 6.51
July	\$ 42,759,684.60	\$ 42,830,425.65	99.8%	\$ 6.51	\$ 6.50
August	\$ 26,866,038.72	\$ 26,863,509.87	100.0%	\$ 6.81	\$ 6.81
September	\$ 7,802,438.66	\$ 7,811,114.08	99.9%	\$ 6.95	\$ 6.94
October					
November					
December					
Calendar Year	\$ 205,911,004.61	\$ 206,218,827.85	99.9%	\$ 54.16	\$ 53.48

Notes:

⁽¹⁾In January, 2018 Peoples Gas experienced both business and system process changes with the implementation of a new ERP system. As we worked through stabilizing these changes in the first quarter of 2018 we experienced abnormal splits between SMP and QIP spend.

⁽²⁾Rider QIP charges from Bill Impact Metric C4.

⁽³⁾Derived by taking D2. multiplied by the Rider QIP charges from Bill Impact Metric C4.

⁽⁴⁾QIP Dollars Spent this month are less than SMP Dollars Spent due to negative actuals in non-SMP work from an accrual reversal.

Peoples Gas - System Modernization Program *2018 Q3 Report*

APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan2018 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
South Shore	In Progress	0.4	-	0	0	3.9	In Progress	2018		
Portage Park	In Progress	-	-	0	0	-	In Progress	2018		
South Austin	In Progress	-	-	0	0	-	In Progress	2018		
Albany Park	In Progress	23.2	18.4	2,240	6,442	69.1	In Progress	2020		
Ravenswood Manor*	In Progress	*Included in Albany Park					In Progress	2020		
Irving Park*	In Progress	*Included in Albany Park					In Progress	2020		
Beverly	In Progress	-	4.3	0	0	1.1	In Progress	2018		
West Humboldt Park	In Progress	-	-	0	0	-	In Progress	2018		
Morgan Park W	In Progress	1.8	4.2	155	162	7.7	In Progress	2019		
West Morgan Park	In Progress	0.4	2.0	0	0	2.3	In Progress	2019		
Stony Island Park	In Progress	9.7	5.3	987	1,347	25.9	2018	2019	8	0.196
South Edgebrook	In Progress	5.7	3.3	345	344	26.2	2018	2019	23	0.246
Bowmanville	In Progress	8.1	8.0	703	1,732	25.6	2018	2020	2	0.213
Mayfair	In Progress	18.0	10.0	1,531	2,875	38.3	2018	2020	3	0.278
West Elsdon	In Progress	40.6	25.5	4,263	4,791	90.0	2018	2021	17	0.263
Lincoln Square	Not Started	5.3	3.4	459	1,216	11.4	2019	2020	14	0.135
North Mayfair	Not Started	11.7	7.4	1,248	1,616	25.0	2019	2021	12	0.217
Norwood Park East	Not Started	27.6	17.6	2,118	2,912	59.1	2019	2022	7	0.197
Old Norwood Park	Not Started	14.9	9.5	802	883	31.0	2020	2021	6	0.180
Kenwood	Not Started	8.6	5.5	429	1,031	17.9	2020	2021	18	0.164
Union Ridge	Not Started	15.0	9.5	1,539	1,742	31.1	2020	2022	9	0.198
Schorsch Village	Not Started	15.9	10.1	1,757	2,164	33.1	2020	2022	16	0.226
Marquette Park	Not Started	40.3	25.7	4,377	6,611	83.9	2020	2023	34	0.216
Magnolia Glen	Not Started	2.2	1.4	110	300	4.4	2021	2021	21	0.109
Princeton Park	Not Started	7.9	5.0	644	975	15.9	2021	2022	26	0.334
Avalon Park	Not Started	10.1	6.5	896	879	20.5	2021	2022	33	0.158
Irving Woods	Not Started	13.4	8.5	1,439	1,648	27.2	2021	2023	4	0.386
Budlong Woods	Not Started	14.7	9.4	1,146	3,217	29.8	2021	2024	19	0.208
Cragin	Not Started	48.6	30.9	4,648	8,127	98.3	2021	2025	10	0.181
Old Irving Park	Not Started	16.4	10.4	1,062	2,154	32.6	2022	2024	20	0.135
Edgewater	Not Started	18.2	11.6	1,070	3,720	36.1	2022	2025	22	0.181
Garfield Ridge	Not Started	65.6	41.8	7,691	8,243	130.5	2022	2026	38	0.235
Oriole Park	Not Started	18.5	11.8	1,531	1,713	36.1	2023	2025	25	0.434
West Englewood	Not Started	48.6	30.9	4,372	4,297	94.9	2023	2026	35	0.243
Belmont Heights	Not Started	32.1	20.5	3,900	4,475	62.8	2023	2028	24	0.312
Edgebrook	Not Started	7.7	4.9	497	535	14.7	2024	2025	32	0.075
Andersonville	Not Started	9.9	6.3	781	2,213	19.0	2024	2026	29	0.164
Roscoe Village	Not Started	13.1	8.3	1,615	3,196	25.1	2024	2026	30	0.218
Bridgeport	Not Started	18.1	11.5	833	1,618	34.7	2024	2026	39	0.091
Norwood Park West	Not Started	23.8	15.2	2,047	2,137	45.7	2024	2027	11	0.292
Ravenswood	Not Started	35.8	22.8	2,624	8,438	68.7	2024	2027	27	0.162
South Chicago	Not Started	52.6	33.5	4,698	6,453	100.9	2024	2027	37	0.156
Jefferson Park	Not Started	86.6	55.1	8,699	11,837	166.1	2024	2028	36	0.188
Calumet Heights	Not Started	39.5	25.1	3,940	4,506	75.2	2025	2027	40	0.271
Trumbull Park	Not Started	0.4	0.2	9	13	0.7	2026	2026	42	0.888
Belmont Terrace	Not Started	8.2	5.2	816	887	15.5	2026	2027	41	0.262
Hermosa	Not Started	5.8	3.7	498	820	11.0	2026	2027	43	0.079
Jeffery Manor	Not Started	16.1	10.3	1,795	1,859	30.5	2026	2028	45	0.214
West Rogers Park	Not Started	68.6	43.7	5,257	11,563	129.6	2026	2029	46	0.147
Gage Park	Not Started	29.6	18.9	3,101	4,070	56.0	2026	2030	47	0.158
Rosemoor	Not Started	16.5	10.5	1,872	2,011	31.3	2027	2029	48	0.152
Chatham	Not Started	40.9	26.1	3,963	6,057	77.6	2027	2030	50	0.190
Brainerd	Not Started	29.6	18.9	2,704	3,328	56.1	2027	2031	49	0.192
Galewood	Not Started	29.4	18.7	2,905	3,440	55.8	2027	2031	51	0.196
Wrightwood	Not Started	31.5	20.0	3,110	3,232	59.6	2027	2031	52	0.200
Peterson Park	Not Started	4.1	2.6	414	615	7.8	2028	2028	53	0.390
Edison Park	Not Started	2.4	1.5	124	388	4.6	2028	2028	54	0.046
Hyde Park	Not Started	1.3	0.8	14	49	2.4	2028	2028	57	0.041
South East Ravenswood	Not Started	3.7	2.4	246	810	7.1	2028	2029	62	0.064
Little Village	Not Started	20.4	13.0	602	1,198	38.8	2028	2030	55	0.075
West Woodlawn	Not Started	18.0	11.5	1,216	2,471	34.2	2028	2030	60	0.156
Arcadia Terrace	Not Started	8.8	5.6	963	2,001	16.8	2028	2030	63	0.259

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Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan2018 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Heart of Chicago	Not Started	19.5	12.4	2,235	5,524	37.0	2028	2032	58	0.136
West Lawn	Not Started	51.8	33.0	6,036	6,871	98.3	2028	2032	59	0.185
Grand Crossing	Not Started	33.3	21.2	2,246	3,711	63.3	2028	2032	61	0.183
Ashburn	Not Started	36.3	23.1	3,691	3,827	68.9	2028	2033	56	0.165
University Village / Little Italy	Not Started	2.1	1.3	6	1	4.0	2029	2029	66	0.033
East Chatham	Not Started	12.4	7.9	843	2,889	23.8	2029	2031	64	0.164
Brighton Park	Not Started	36.2	23.1	3,131	5,115	69.6	2029	2031	67	0.113
Lawndale	Not Started	30.6	19.5	1,896	3,471	58.9	2029	2033	65	0.077
Hanson Park	Not Started	2.3	1.5	269	500	4.5	2030	2030	72	0.321
South Old Irving Park	Not Started	1.9	1.2	133	304	3.8	2030	2030	75	0.202
The Bush	Not Started	6.3	4.0	513	741	12.3	2030	2031	68	0.237
Chicago Lawn	Not Started	10.0	6.4	955	1,372	19.5	2030	2031	69	0.119
Washington Heights	Not Started	13.4	8.5	1,135	1,116	26.1	2030	2031	77	0.124
Washington Park	Not Started	14.6	9.3	450	1,806	28.4	2030	2032	71	0.124
Roseland	Not Started	43.8	27.9	3,645	3,672	85.4	2030	2032	74	0.156
Sauganash	Not Started	25.8	16.4	2,053	2,269	50.2	2030	2033	70	0.169
Wrightwood Neighbors	Not Started	13.9	8.9	1,200	3,673	27.2	2030	2033	73	0.163
Fernwood	Not Started	22.4	14.3	2,242	2,091	43.6	2030	2033	76	0.189
Kelvin Park	Not Started	4.3	2.7	348	504	8.5	2031	2031	78	0.125
Heart of Italy	Not Started	0.9	0.6	2	7	1.8	2031	2031	83	0.122
Pulaski Park	Not Started	10.8	6.9	1,104	1,140	21.3	2031	2032	79	0.307
McKinley Park	Not Started	12.7	8.1	1,389	2,469	25.2	2031	2033	80	0.119
Big Oaks	Not Started	16.9	10.8	1,787	1,809	33.5	2031	2033	84	0.220
North Austin	Not Started	20.4	13.0	1,760	2,990	40.5	2031	2034	81	0.085
Park Manor	Not Started	36.3	23.1	3,151	5,406	71.8	2031	2034	82	0.144
Ravenswood Gardens	Not Started	1.2	0.8	120	342	2.4	2032	2032	86	0.201
Gladstone Park	Not Started	5.8	3.7	540	841	11.7	2032	2033	87	0.475
Ukrainian Village	Not Started	9.4	6.0	773	2,588	18.9	2032	2034	94	0.144
Archer Heights	Not Started	24.1	15.4	2,046	2,719	48.7	2032	2035	88	0.142
West Town	Not Started	40.1	25.5	2,841	6,952	80.8	2032	2035	89	0.097
West Pullman	Not Started	49.9	31.8	4,070	4,027	100.5	2032	2035	91	0.116
Rogers Park	Not Started	1.8	1.2	22	59	3.7	2032	2035	93	0.020
Bronzeville	Not Started	24.1	15.4	670	1,864	48.7	2032	2035	95	0.076
Lake View	Not Started	61.2	39.0	5,555	16,560	123.3	2032	2036	85	0.130
East Pilsen	Not Started	2.6	1.6	113	217	5.2	2033	2033	100	0.098
Sheffield Neighbors	Not Started	1.1	0.7	30	42	2.3	2033	2033	105	0.052
Cottage Grove Heights	Not Started	7.9	5.0	874	850	16.2	2033	2034	96	0.145
Marynook	Not Started	8.2	5.2	898	949	16.8	2033	2034	97	0.346
Longwood Manor	Not Started	15.1	9.6	1,665	1,625	31.0	2033	2035	101	0.158
Park West	Not Started	9.2	5.9	726	2,167	18.9	2033	2035	103	0.180
Old Town	Not Started	8.6	5.5	510	2,123	17.7	2033	2035	104	0.096
Morgan Park E	Not Started	27.1	17.3	2,567	2,603	55.6	2033	2036	98	0.137
Belmont Central	Not Started	39.7	25.3	4,542	6,497	81.4	2033	2036	99	0.146
Back of the Yards	Not Started	16.1	10.3	1,573	2,997	33.1	2033	2036	102	0.059
Logan Square	Not Started	64.4	41.0	6,113	14,892	132.1	2033	2037	106	0.101
East Beverly	Not Started	5.4	3.4	153	124	11.3	2034	2034	107	0.027
Lithuanian Plaza	Not Started	1.4	0.9	175	264	2.9	2034	2034	110	0.190
West Loop Gate	Not Started	0.5	0.3	3	67	1.0	2034	2034	111	0.079
Scottsdale	Not Started	41.1	26.2	4,153	4,282	85.7	2034	2036	109	0.232
Uptown	Not Started	15.2	9.7	768	3,996	31.7	2034	2037	113	0.136
Humboldt Park	Not Started	49.7	31.6	4,672	10,865	103.7	2034	2038	112	0.153
Montclare	Not Started	33.5	21.3	3,334	4,547	69.8	2034	2039	108	0.144
O'Hare	Not Started	3.5	2.2	93	338	7.3	2035	2035	114	0.043
Chinatown	Not Started	2.6	1.7	226	694	5.6	2035	2035	116	0.126
Forest Glen	Not Started	4.7	3.0	444	471	10.0	2035	2035	119	0.265
Wrigleyville	Not Started	3.6	2.3	379	1,304	7.6	2035	2036	115	0.147
North Park	Not Started	8.1	5.1	797	1,647	17.1	2035	2036	117	0.144
Near North	Not Started	9.5	6.1	225	583	20.2	2035	2036	121	0.058
Burnside	Not Started	16.6	10.6	1,306	1,423	35.3	2035	2037	122	0.088
South Deering	Not Started	27.0	17.2	2,227	2,482	57.4	2035	2038	120	0.085
Gresham	Not Started	65.5	41.7	5,651	7,473	139.2	2035	2039	118	0.118
Schorch Forest View	Not Started	1.1	0.7	2	2	2.4	2036	2036	126	0.060

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Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan2018 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
West De Paul	Not Started	1.7	1.1	109	276	3.6	2036	2036	127	0.038
Lathrop Homes	Not Started	3.1	2.0	129	595	6.7	2036	2036	128	0.034
The Island	Not Started	0.0	0.0	-	-	0.0	2036	2036	129	0.070
Dearborn Homes	Not Started	0.6	0.4	-	-	1.4	2036	2036	131	0.130
Pill Hill	Not Started	5.7	3.6	579	600	12.3	2036	2037	130	0.342
Noble Square	Not Started	10.6	6.8	987	3,369	23.0	2036	2038	123	0.094
Pilsen	Not Started	20.6	13.1	1,343	3,744	44.7	2036	2039	125	0.099
Woodlawn	Not Started	17.7	11.2	910	2,799	38.3	2036	2039	132	0.074
Englewood	Not Started	73.0	46.5	5,623	6,715	158.6	2036	2040	135	0.103
Lincoln Park	Not Started	22.4	14.3	1,613	4,187	48.6	2036	2040	143	0.209
East Garfield Park	Not Started	31.5	20.1	1,912	3,502	68.5	2036	2040	161	0.094
The Gap	Not Started	1.0	0.6	2	7	2.1	2037	2037	138	0.063
Winneconna Parkway	Not Started	1.5	0.9	64	123	3.3	2037	2037	139	0.125
West Garfield Park	Not Started	2.2	1.4	-	-	4.8	2037	2037	140	0.032
West Chatham	Not Started	4.3	2.8	460	578	9.7	2037	2037	141	0.082
Parkview	Not Started	2.2	1.4	221	244	4.9	2037	2037	144	0.051
Goose Island	Not Started	4.0	2.6	30	78	9.0	2037	2037	145	0.056
Near West Side	Not Started	6.8	4.3	257	562	15.0	2037	2038	134	0.046
West Chesterfield	Not Started	9.0	5.7	931	943	19.9	2037	2038	136	0.141
Hollywood Park	Not Started	4.9	3.1	539	1,117	10.9	2037	2038	137	0.122
South Loop	Not Started	10.6	6.7	152	669	23.4	2037	2038	146	0.051
Edgewater Beach	Not Started	10.2	6.5	485	2,792	22.7	2037	2039	142	0.103
Buena Park	Not Started	8.3	5.3	392	2,286	18.5	2037	2039	148	0.124
East Ukrainian Village	Not Started	11.6	7.4	1,270	3,900	25.8	2037	2040	147	0.116
Lake View East	Not Started	13.5	8.6	668	4,154	30.0	2037	2040	151	0.081
Bucktown	Not Started	32.0	20.4	3,416	7,865	71.1	2037	2040	167	0.048
Wicker Park	Not Started	18.9	12.0	1,549	4,466	41.9	2037	2040	173	0.053
Edgewater Glen	Not Started	2.1	1.3	160	385	4.8	2038	2038	154	0.110
Ida B. Wells / Darrow Homes	Not Started	0.8	0.5	-	-	1.9	2038	2038	156	0.037
Dunning	Not Started	10.0	6.4	1,240	1,427	22.7	2038	2039	149	0.063
Vittum Park	Not Started	7.8	5.0	903	960	17.7	2038	2039	152	0.229
Palmer Square	Not Started	8.4	5.4	778	2,047	19.1	2038	2039	153	0.175
North Center	Not Started	9.4	6.0	708	1,551	21.3	2038	2039	155	0.076
Belmont Gardens	Not Started	5.0	3.2	403	898	11.4	2038	2039	157	0.084
Avondale	Not Started	13.1	8.3	847	1,856	29.6	2038	2040	162	0.042
Gold Coast	Not Started	12.8	8.2	652	1,595	29.1	2038	2040	182	0.080
River North	Not Started	4.2	2.6	138	525	9.6	2039	2039	163	0.055
Lakewood - Balmoral	Not Started	2.9	1.9	251	484	6.8	2039	2039	164	0.070
Hegewisch	Not Started	0.1	0.0	-	-	0.2	2039	2039	165	0.022
Graceland West	Not Started	3.0	1.9	239	696	6.9	2039	2039	166	0.147
Clearing (W)	Not Started	0.5	0.3	-	-	1.1	2039	2039	169	0.008
Prairie Shores	Not Started	0.4	0.3	3	1	1.0	2039	2039	172	0.049
Illinois Medical District	Not Started	0.6	0.4	10	26	1.3	2039	2039	175	0.031
Ickes Prairie Homes	Not Started	0.9	0.6	2	4	2.0	2039	2039	176	0.040
Ranch Triangle	Not Started	0.6	0.4	5	13	1.5	2039	2039	177	0.043
Lake Meadows	Not Started	0.7	0.5	1	3	1.7	2039	2039	179	0.029
East Hyde Park	Not Started	0.0	0.0	2	1	0.1	2039	2039	180	0.025
Stateway Gardens	Not Started	0.0	0.0	-	-	0.0	2039	2039	183	0.015
Beverly View	Not Started	2.9	1.8	246	252	6.7	2039	2039	184	0.131
LeClaire Courts	Not Started	2.9	1.8	340	331	6.7	2039	2039	185	0.056
Homan Square	Not Started	0.3	0.2	4	2	0.8	2039	2039	186	0.027
Ford City	Not Started	0.0	0.0	-	-	0.1	2039	2039	187	0.002
Printers Row	Not Started	1.4	0.9	31	181	3.2	2039	2039	188	0.084
Fifth City	Not Started	4.7	3.0	199	552	10.9	2039	2039	190	0.073
Kilbourn Park	Not Started	6.3	4.0	433	798	14.7	2039	2040	158	0.139
Douglas Park	Not Started	6.3	4.0	260	589	14.7	2039	2040	160	0.138
Sheridan Park	Not Started	5.1	3.3	318	1,943	11.9	2039	2040	168	0.109
Old Town Triangle	Not Started	9.1	5.8	734	1,809	21.1	2039	2040	170	0.143
London Town	Not Started	4.3	2.7	445	758	9.9	2039	2040	174	0.048
Margate Park	Not Started	3.5	2.3	179	817	8.2	2039	2040	178	0.089
The Loop	Not Started	8.6	5.5	147	323	20.0	2039	2040	189	0.029
Parkway Gardens	Not Started	0.6	0.4	4	5	1.4	2040	2040	191	0.011

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Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan2018 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Cabrini Green	Not Started	0.3	0.2	-	-	0.6	2040	2040	192	0.026
North Kenwood	Not Started	0.2	0.1	4	18	0.5	2040	2040	193	0.024
Prairie District	Not Started	0.9	0.6	10	40	2.2	2040	2040	194	0.026
South Commons	Not Started	1.4	0.9	80	107	3.3	2040	2040	196	0.017
Magnificent Mile	Not Started	0.4	0.3	1	1	0.9	2040	2040	197	0.049
Tri-Taylor	Not Started	-	-	-	-	-	2040	2040	198	0.061
The Villa	Not Started	0.6	0.4	-	-	1.5	2040	2040	199	0.030
Dearborn Park	Not Started	1.7	1.1	121	203	4.0	2040	2040	202	0.021
West Beverly	Complete	-	-	-	-	-		2017		0.048
Mount Greenwood	Complete	-	-	-	-	-				0.029
Altgeld Gardens	Complete	-	-	-	-	-				0.015
Horner Park	Complete	-	-	-	-	-				0.054
East Side	Complete	-	-	-	-	-				0.032
Sleepy Hollow	Complete	-	-	-	-	-				0.006
Wentworth Gardens	Complete	-	-	-	-	-				0.042
Canaryville	Complete	-	-	-	-	-				0.037
Fuller Park	Complete	-	-	-	-	-				0.032
Marycrest	Complete	-	-	-	-	-				0.031
Oakland	Complete	-	-	-	-	-				0.030
River West	Complete	-	-	-	-	-				0.029
Fulton River District	Complete	-	-	-	-	-				0.026
Jackson Park Highlands	Complete	-	-	-	-	-				0.025
Harbour Point Estates	Complete	-	-	-	-	-				0.025
Streeterville	Complete	-	-	-	-	-				0.025
Beverly Woods	Complete	-	-	-	-	-				0.025
Tally's Corner	Complete	-	-	-	-	-				0.024
The Robert Taylor Homes	Complete	-	-	-	-	-				0.019
Riverdale	Complete	-	-	-	-	-				0.016
Near East Side	Complete	-	-	-	-	-				0.016
Chrysler Village	Complete	-	-	-	-	-				0.015
Brynford Park	Complete	-	-	-	-	-				0.014
Kennedy Park	Complete	-	-	-	-	-				0.014
Pullman	Complete	-	-	-	-	-				0.011
Golden Gate	Complete	-	-	-	-	-				0.011
Wildwood	Complete	-	-	-	-	-				0.010
Eden Green	Complete	-	-	-	-	-				0.009
Mount Greenwood Heights	Complete	-	-	-	-	-				0.007
River's Edge	Complete	-	-	-	-	-				0.007
Groveland Park	Complete	-	-	-	-	-				0.006
Clearing (E)	Complete	-	-	-	-	-				0.005
Sauganash Woods	Complete	-	-	-	-	-				0.002
Greektown	Complete	-	-	-	-	-				0.001
Old Edgebrook	Complete	-	-	-	-	-				0

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APPENDIX B - PI/SI METRICS

Project	Construction Status	Driver	Install Miles	Retirement Miles	Services	Meters	Cost (\$M)	Meets UMRI Threshold*
33RD & LOWE	Complete - Q3	SI	0.0	0.0	0	0	\$1.3 M	NO
3514 W JACKSON POOR SUPPLY	Complete - Q3	SI	0.4	0.5	26	71	\$0.7 M	NO
72ND & WENTWORTH	Complete - Q3	PI	0.2	0.2	8	27	\$0.7 M	YES
75TH & COTTAGE GROVE UMRI	Complete - Q3	SI	0.3	0.2	8	18	\$0.7 M	YES
IDOT FLYOVER SOUTH - LITTLE ITALY	Complete - Q3	SI	1.4	1.0	129	0	\$3.3 M	NO
NEWLAND & OAKDALE UMRI	Complete - Q3	SI	0.9	0.4	87	107	\$1.9 M	YES
SEWER 6338 - 130TH & SAGINAW	Complete - Q3	PI	0.0	0.0	0	0	\$0.4 M	NO
SEWER 6941 - 72ND & ELLIS	Complete - Q3	PI	0.0	0.0	0	0	\$0.1 M	NO
SEWER 7014 - 50TH & DORCHESTER	Complete - Q3	PI	0.6	0.2	45	118	\$2.0 M	NO
SEWER 7114 - SAYRE & BYRON	Complete - Q3	PI	0.6	0.0	81	3	\$0.7 M	NO
SEWER 7125 - ARGYLE & HOYNE	Complete - Q3	PI	0.4	0.2	51	137	\$0.8 M	NO
SEWER 7201 - LEAMINGTON & GRAND	Complete - Q3	PI	1.1	0.5	104	169	\$1.9 M	NO
SEWER 7244 - 50TH & WESTERN	Complete - Q3	PI	1.0	0.5	97	131	\$1.5 M	NO
SEWER 7245 - CICERO & WINNEMAC	Complete - Q3	PI	0.4	0.3	77	73	\$0.9 M	NO
SEWER 7250 - NORDICA & HAYES	Complete - Q3	PI	0.6	0.4	66	69	\$1.0 M	NO
WARREN - TALLMAN TO WESTERN POOR SUPPLY	Complete - Q3	SI	0.4	0.5	28	50	\$0.7 M	NO

* Main segment with a UMRI of 5.0 or greater that are adjacent to schools, hospitals and nursing homes and all other main segments with a UMRI of 6.0 or greater