



An 18" medium pressure insertion at Devon and Caldwell. This project was initiated due to our main being exposed from erosion of the embankment of the Chicago River.

The Peoples Gas Light and Coke Company  
System Modernization Program  
***ICC 2021 2<sup>nd</sup> Quarter Report***

SMP Progress through: June 30, 2021  
Published: August 13, 2021

## *Quarterly Highlights*

1. Work continues to progress efficiently, with cost per mile metrics aligned with plan.
2. Project teams continue to mitigate risks and coordinate with various entities to progress the projects from design through construction.
3. Peoples Gas will be constructing a new Gate Station<sup>1</sup> in the Village of Niles this year, which supports the overall upgrade of the system from low pressure to medium pressure. This Gate Station will allow Peoples Gas to upgrade higher risk ranked Neighborhoods, which are dependent upon this supply source.

1. A Gate Station is a location where gas is received from a transmission company and delivered to a distribution company.

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August 13, 2021

Illinois Commerce Commission  
527 East Capitol Avenue  
Springfield, IL 62701

Dear Chairman Zalewski and Commissioners Kimbrel, Bocanegra and Carrigan:

We are pleased to submit the second quarter report for 2021 for the Peoples Gas System Modernization Program (SMP) in compliance with the ICC's order in docket 16-0376. Here are a few highlights from our work in the second quarter.

**Princeton Park** – SMP crews wrapped up the retirement of natural gas mains installed during the 1940s and 1950s as part of upgrades in the Princeton Park neighborhood on the South Side. The project started in 2020 and included installation of about eight miles of gas main, meter transfers for more than 1,100 customers, and the retirement of nearly five miles of outdated gas main.

**Jeffery Manor** – Main installation started ahead of schedule in Jeffery Manor during the second quarter. The two-year project includes installation of more than 30 miles of new gas main and meter transfers for approximately 3,000 customers.

**Devon and Caldwell** – Installation of new gas main started ahead of schedule on this project, which became necessary when flooding eroded a portion of the bank along the North Branch of the Chicago River in 2020. The erosion left an old cast iron gas main exposed and at risk for failure. Construction involves installing about 3,700 feet of modern plastic gas main. The project is being closely coordinated with ongoing upgrades in Norwood Park just to the west.

We look forward to continuing to partner with you to improve the safety and reliability of our delivery system. As always, feel free to contact me with any questions or concerns.

Sincerely,



Andy Hesselbach  
Senior Vice President of Gas Operations

## 2. Summary Observations & Analysis

Enclosed is Peoples Gas' System Modernization Program (SMP) second quarter 2021 Report. The information displayed on the pages that follow are actual results recorded from January 2021 through June 2021 as measured against the plan established in the fourth quarter of 2020.

The plan supports the necessary pace of the program and is shown through the blue lines and bars throughout the report. As always, execution of the planned installation and retirement quantities involves coordination and collaboration with various groups and thousands of customers involved each year. Project teams continue to collaborate and coordinate in order to execute work safely while focusing on being efficient with the work that is able to be executed.

During the second quarter, steady progress was made. The design team continued to work with the nearly 30 entities of the Office of Underground Coordination (OUC) design approval process to review project designs to support starting construction. Construction started for over 30 projects during the second quarter. Tables and graphs on the following pages show progress and performance through the second quarter, with some specific highlights noted:

- For Neighborhood work, the overall cost per mile was aligned with the planned rate, as shown on page 7. Main installation, service installation, and main retirement all progressed at a steady pace, including main installation getting started in the Jeffery Manor neighborhood and main retirement wrapping up for the Princeton Park neighborhood.
- Public Improvement/System Improvement (PI/SI) cost per installed mile was aligned with the planned rate. Installation during the quarter included a project at Devon and Caldwell, as shown on the cover picture. See pages 10 – 12 for the PI/SI Program metrics.
- Meter transfer work continued, with crews starting to catch up on the backlog and the cost per meter move is trending closer to plan. The cost per meter move is higher than the plan due to some of the meter moves not having the pre-piping work done in advance because of the pause in customer facing work last year. This piping work added to the time necessary in order to complete the meter moves. Metrics related to meter moves are on pages 13 and 14.
- This year the High Pressure Program involves the construction of a gate station, which supports the overall upgrade of the distribution system from low pressure to medium pressure. The gate station will be located in the Village of Niles at the end of the Northwest Interconnect Phase 5B main installation project that wrapped up last year. During the second quarter, payments for some long lead materials and equipment were made and efforts continued to coordinate the design reviews and approvals through the Village of Niles. Construction is forecasted to start in the third quarter, pending receipt of the necessary permits from the Village of Niles.

# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

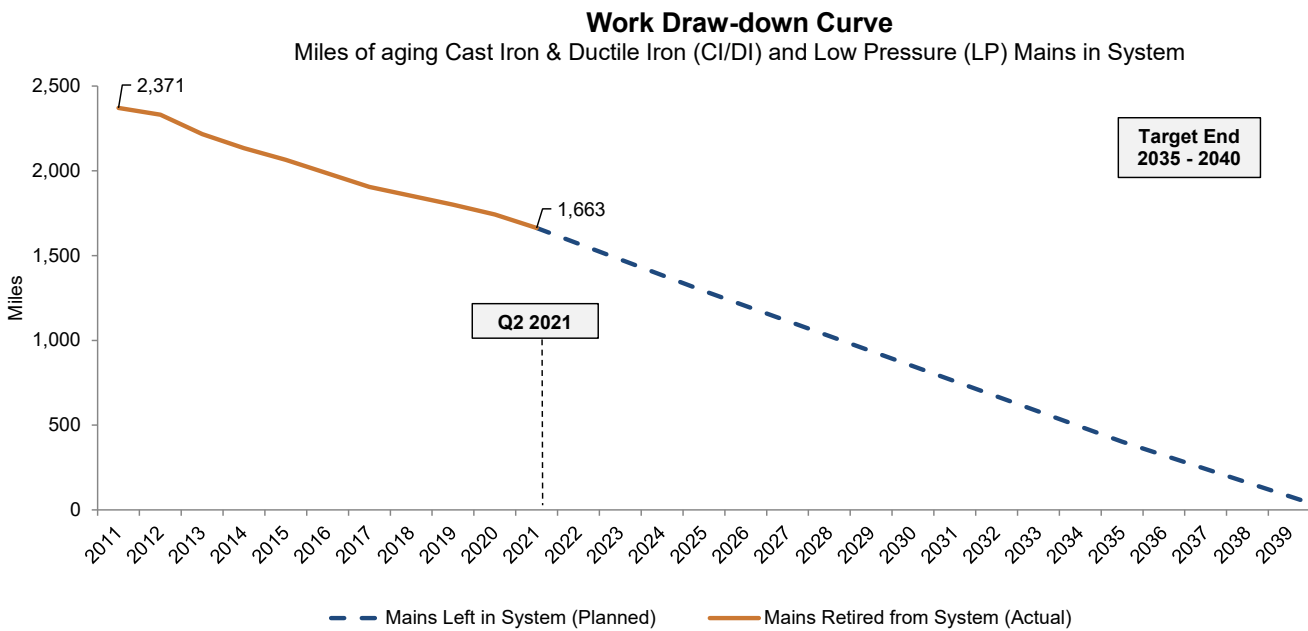
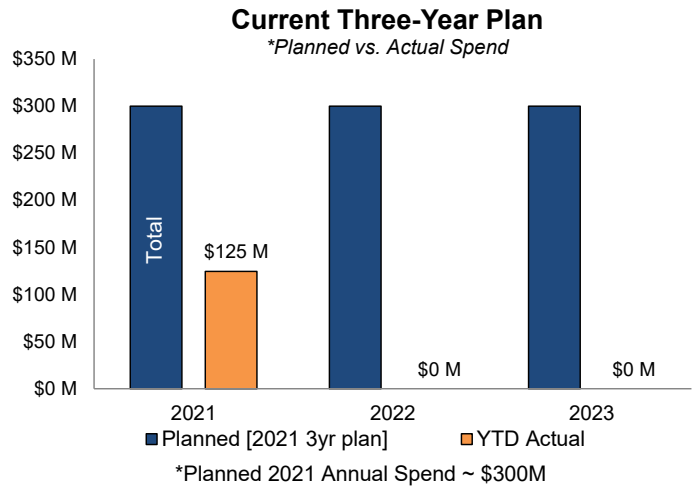
## 3. High Level Program Status

**Program Cumulative Year-to-Date Metrics:**

- 43.2 Miles Installed**
- 4,886 Services**
- 9,682 Meters**
- 27.6 Miles Retired**
- \$ 22.1 M Restoration Costs**

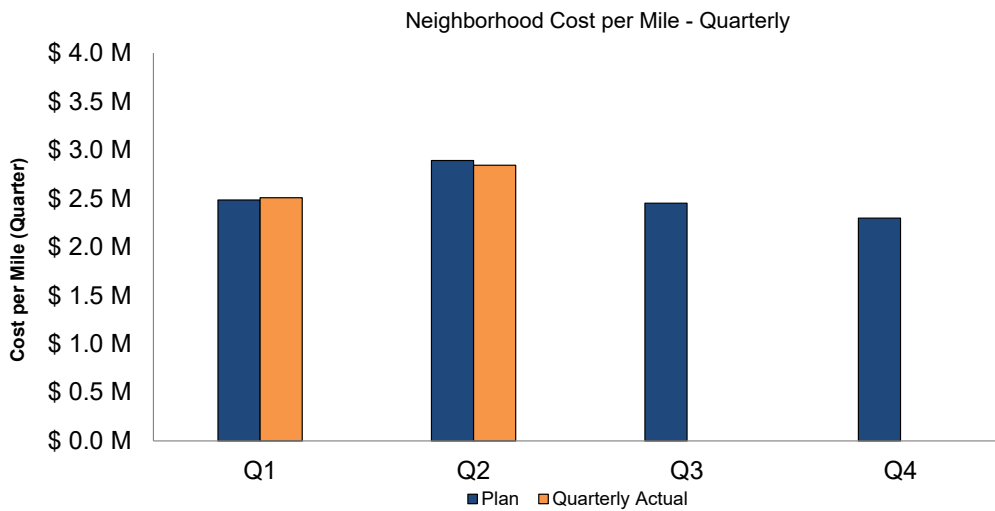
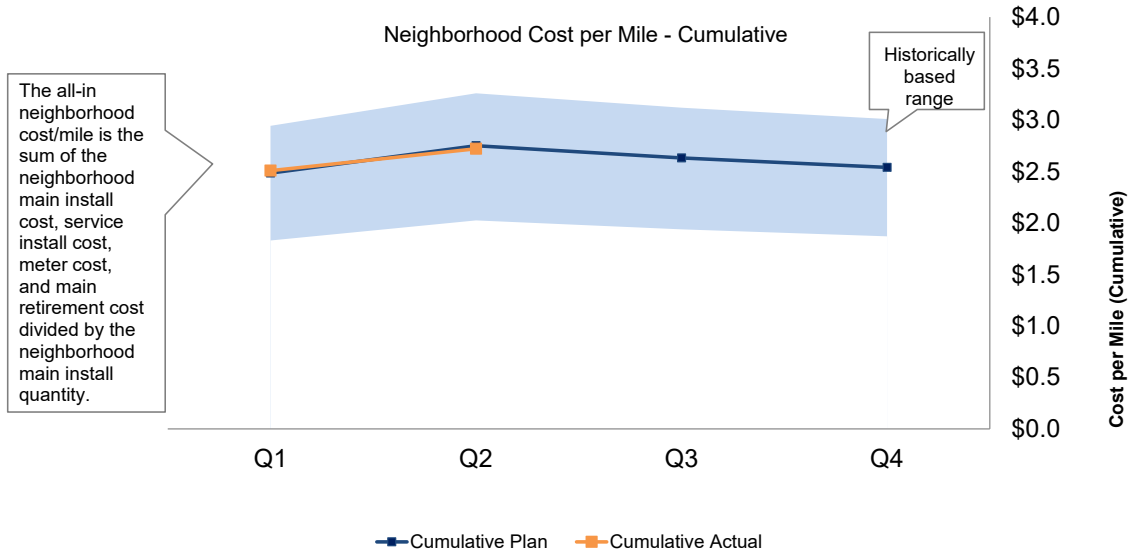
**Cost per mile Installed**

- \$ 2.7 M Neighborhood**
- \$ 3.1 M PI/SI**



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.

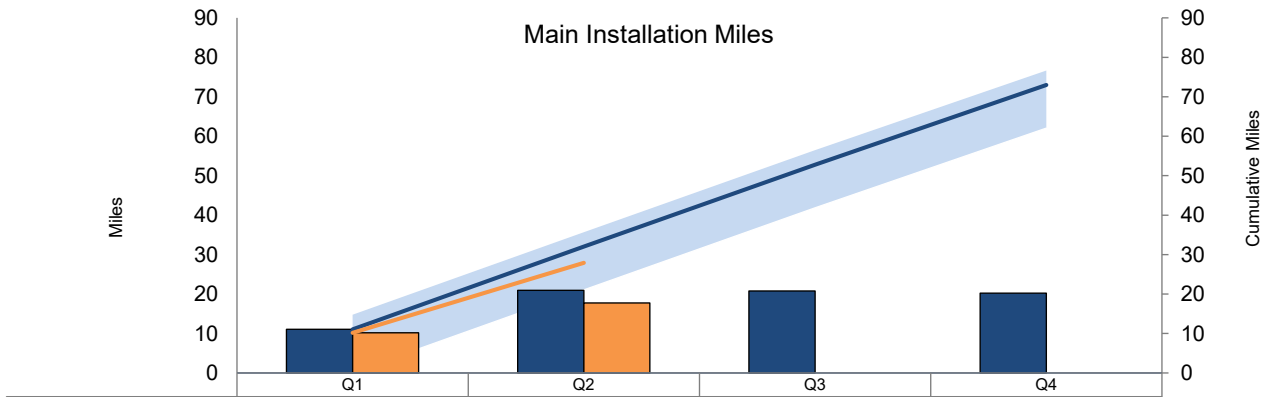
**4A. Neighborhood Program Performance**



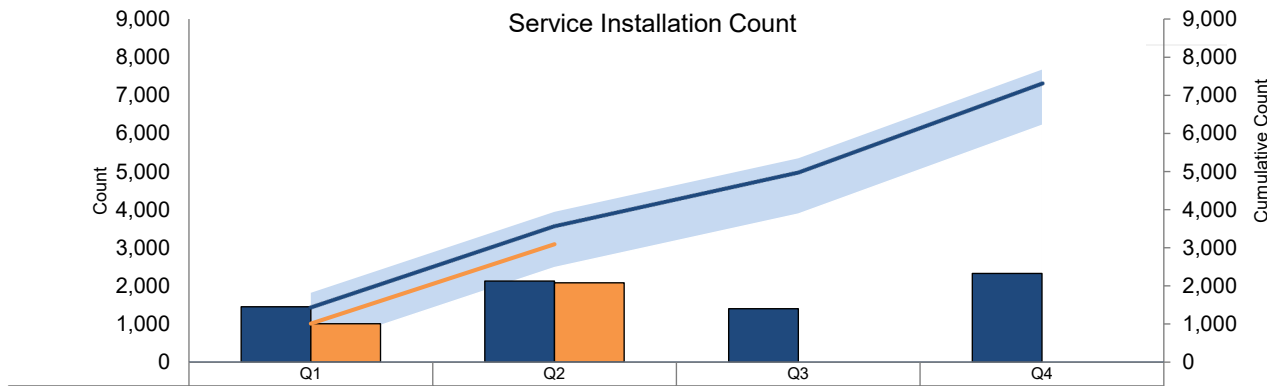
**Year-to-Date Numbers**

	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Main Install</b>	\$ 50.2 M	32.0	\$1.6 M / install mile	\$ 37.0 M	27.9	\$1.3 M / install mile
<b>Main Retirement</b>	\$ 5.2 M	34.2	\$0.2 M / retire mile	\$ 3.9 M	23.1	\$0.2 M / retire mile
<b>Service Replacement</b>	\$ 22.2 M	3,576	\$6,195 / service	\$ 23.2 M	3,093	\$7,496 / service
<b>Meter Moves (allocation)</b>	\$ 10.5 M	7,080	\$1,482 / meter	\$ 11.9 M	6,357	\$1,867 / meter
<b>TOTAL</b>	<b>\$ 88.1 M</b>	<b>32.0</b>	<b>\$2.8 M / install mile</b>	<b>\$ 75.9 M</b>	<b>27.9</b>	<b>\$2.7 M / install mile</b>

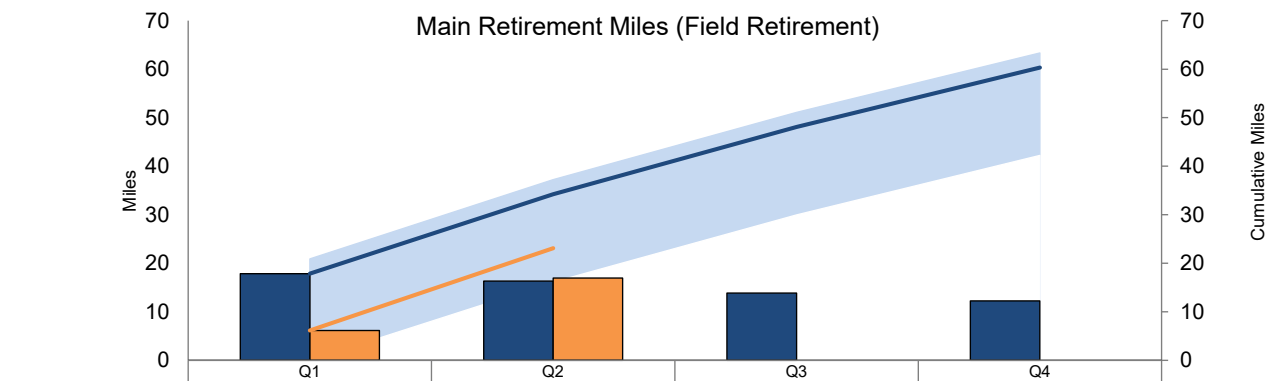
### 4B. Neighborhood - Quantity Graphs



Quarterly Plan	11.1	21.0	20.8	20.2
Quarterly Actual	10.2	17.7		
Cumulative Plan	11.1	32.0	52.8	73.0
Cumulative Actual	10.2	27.9		



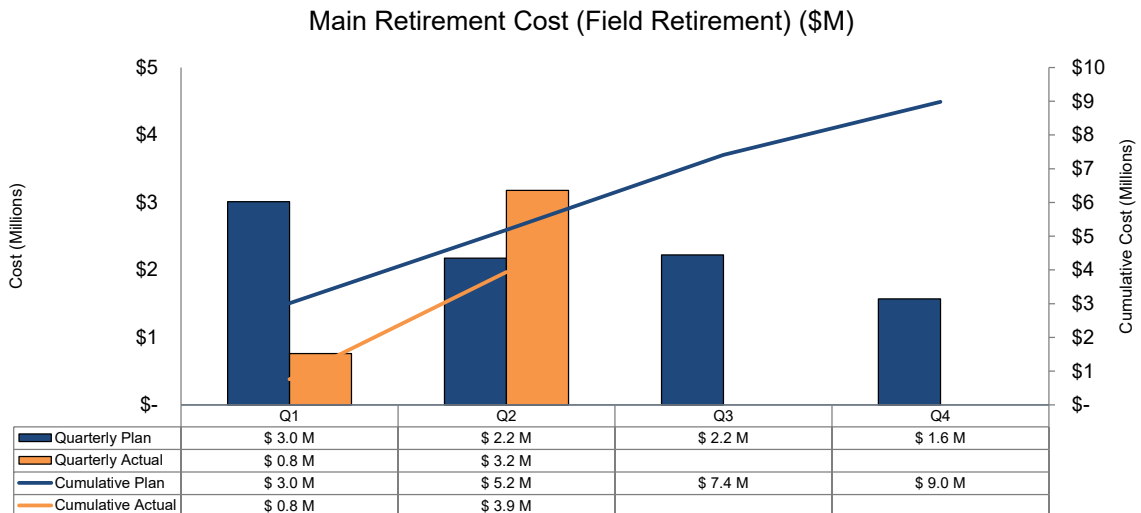
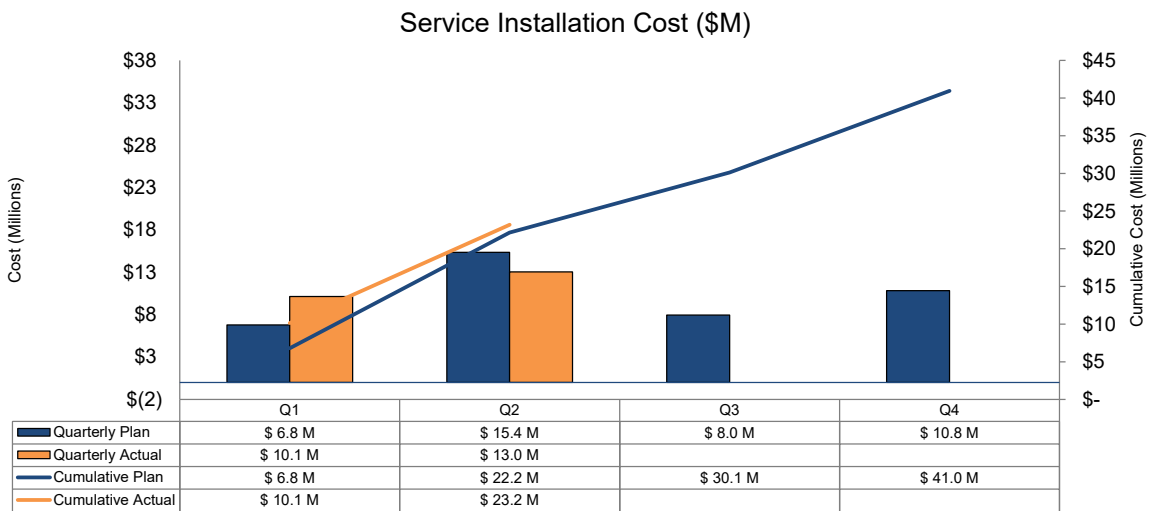
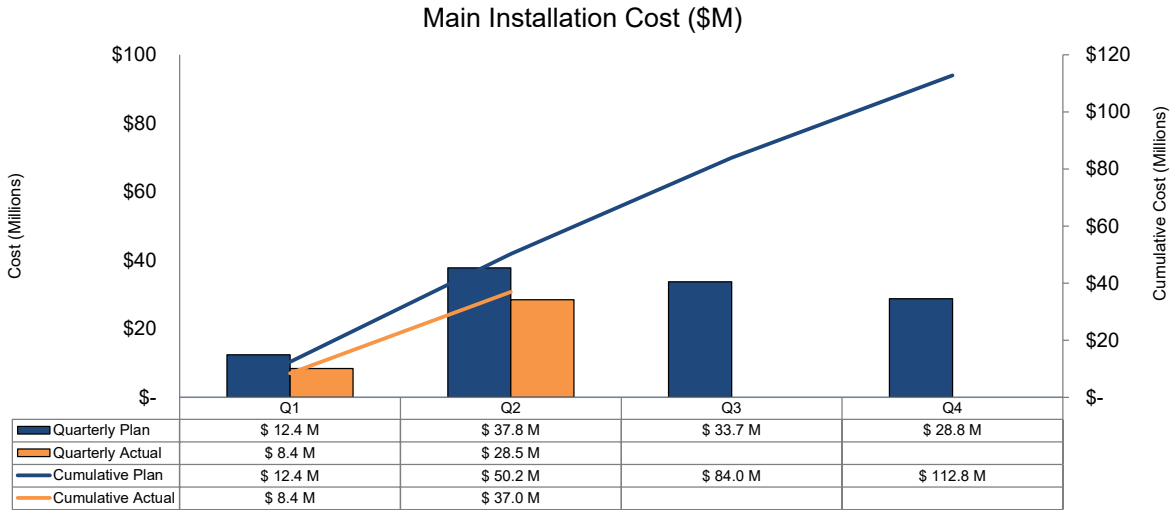
Quarterly Plan	1,452	2,124	1,404	2,328
Quarterly Actual	1,010	2,083		
Cumulative Plan	1,452	3,576	4,980	7,308
Cumulative Actual	1,010	3,093		



Quarterly Plan	17.9	16.4	13.9	12.3
Quarterly Actual	6.2	17.0		
Cumulative Plan	17.9	34.2	48.1	60.3
Cumulative Actual	6.2	23.1		

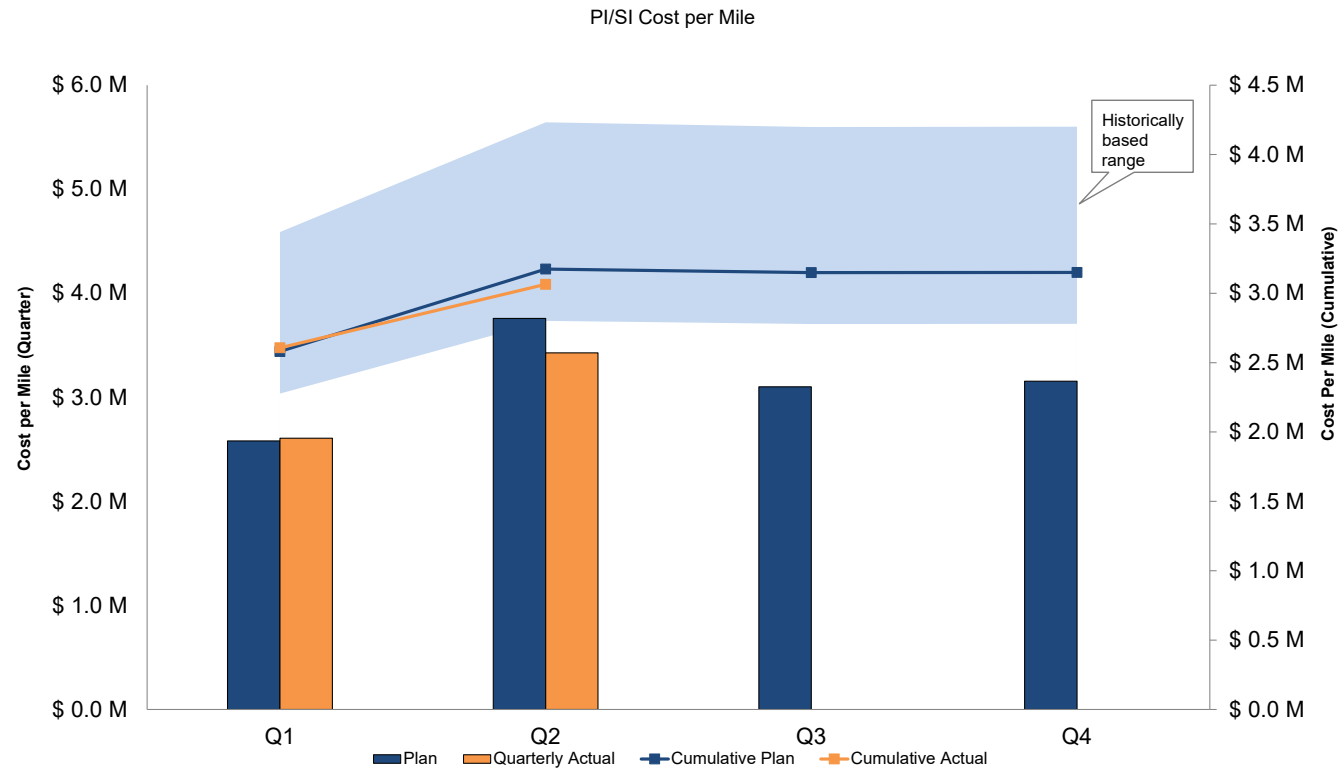


### 4C. Neighborhood - Cost Graphs



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.

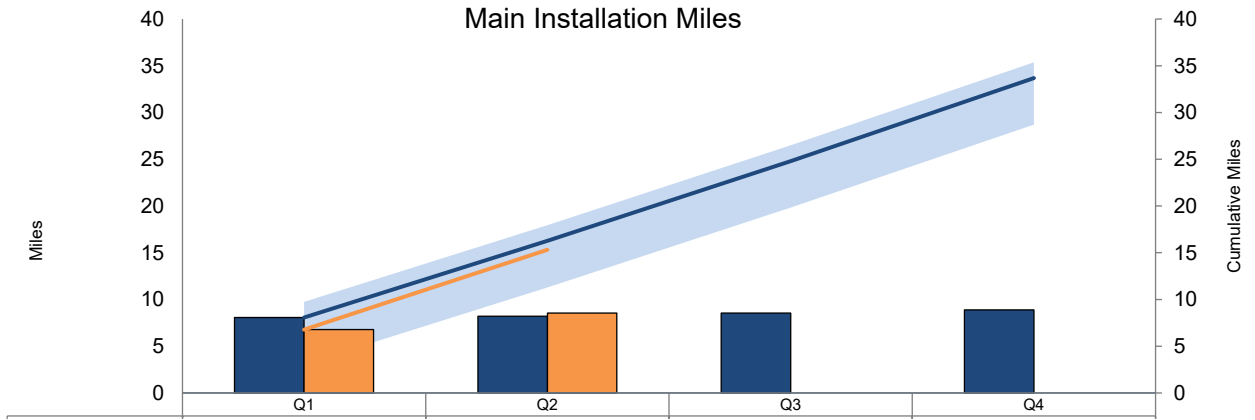
**5A. Public Improvement / System Improvement Program Performance**



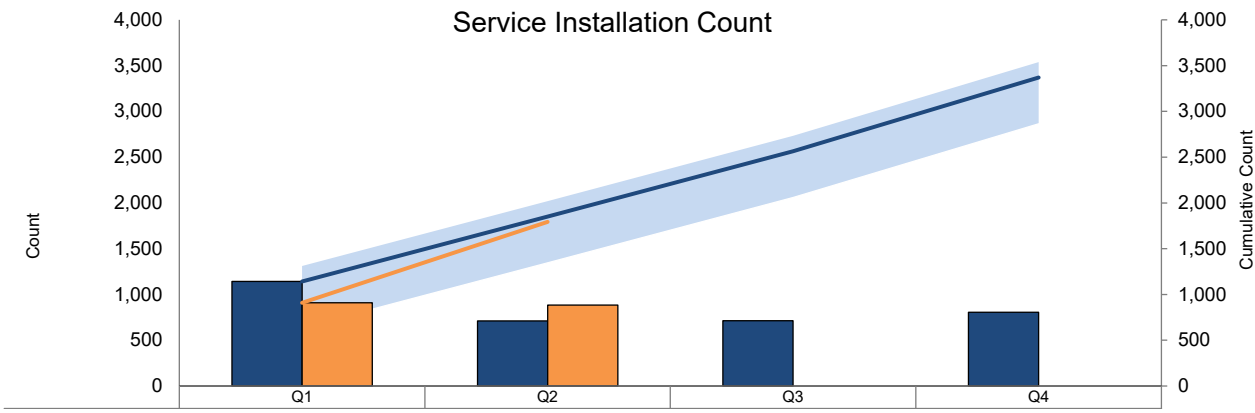
**Year-to-Date Numbers**

	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Main Install</b>	\$ 34.0 M	16.3	\$2.1 M / install mile	\$ 27.4 M	15.3	\$1.8 M / install mile
<b>Main Retirement</b>	\$ 2.9 M	8.3	\$0.4 M / retire mile	\$ 2.7 M	4.5	\$0.6 M / retire mile
<b>Service Replacement</b>	\$ 8.6 M	1,852	\$4,626 / service	\$ 11.2 M	1,793	\$6,221 / service
<b>Meter Moves (allocation)</b>	\$ 6.2 M	3,522	\$1,751 / meter	\$ 5.7 M	3,325	\$1,715 / meter
<b>TOTAL</b>	<b>\$ 51.6 M</b>	<b>16.3</b>	<b>\$3.2 M / install mile</b>	<b>\$ 46.9 M</b>	<b>15.3</b>	<b>\$3.1 M / install mile</b>

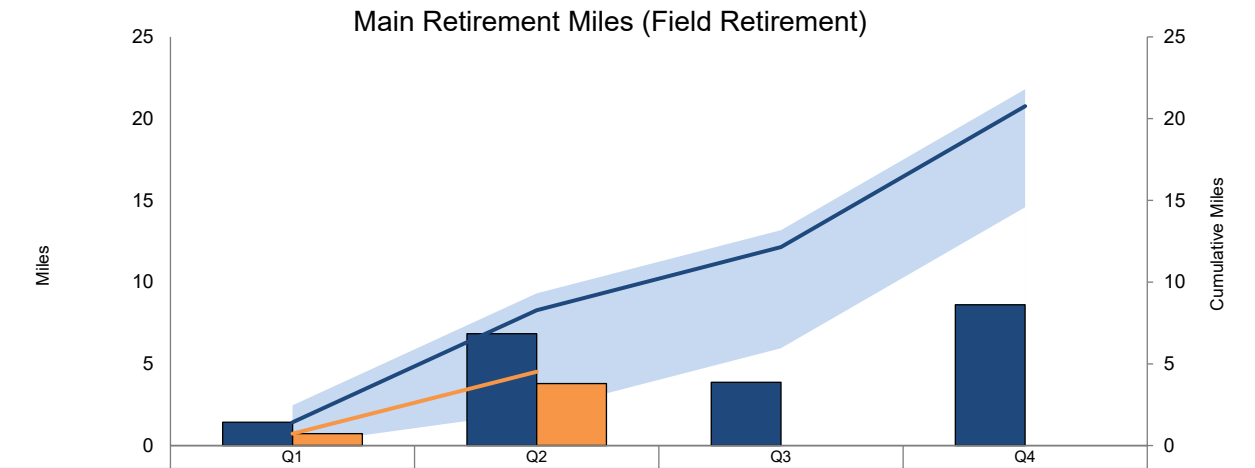
**5B. Public Improvement / System Improvement - Quantity Graphs**



Quarterly Plan	8.1	8.2	8.5	8.9
Quarterly Actual	6.8	8.5		
Cumulative Plan	8.1	16.3	24.8	33.7
Cumulative Actual	6.8	15.3		



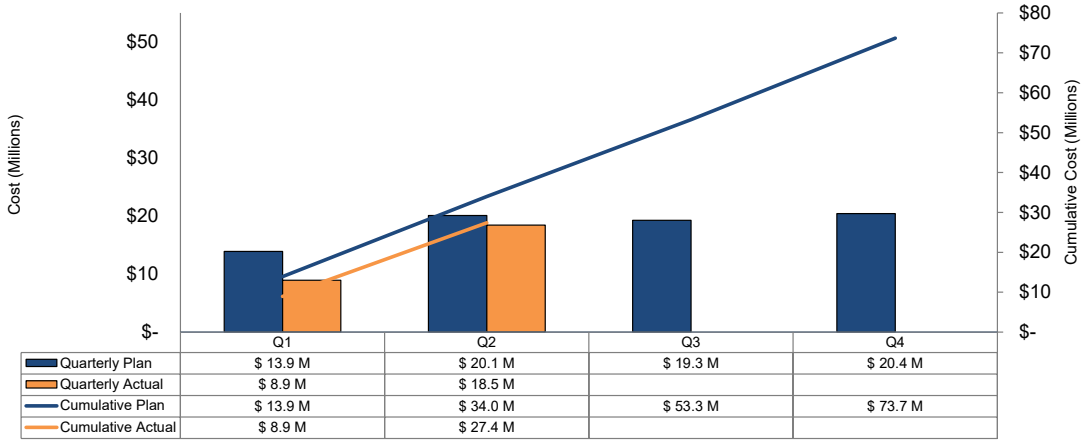
Quarterly Plan	1142	710	713	805
Quarterly Actual	909	884		
Cumulative Plan	1,142	1,852	2,565	3,370
Cumulative Actual	909	1,793		



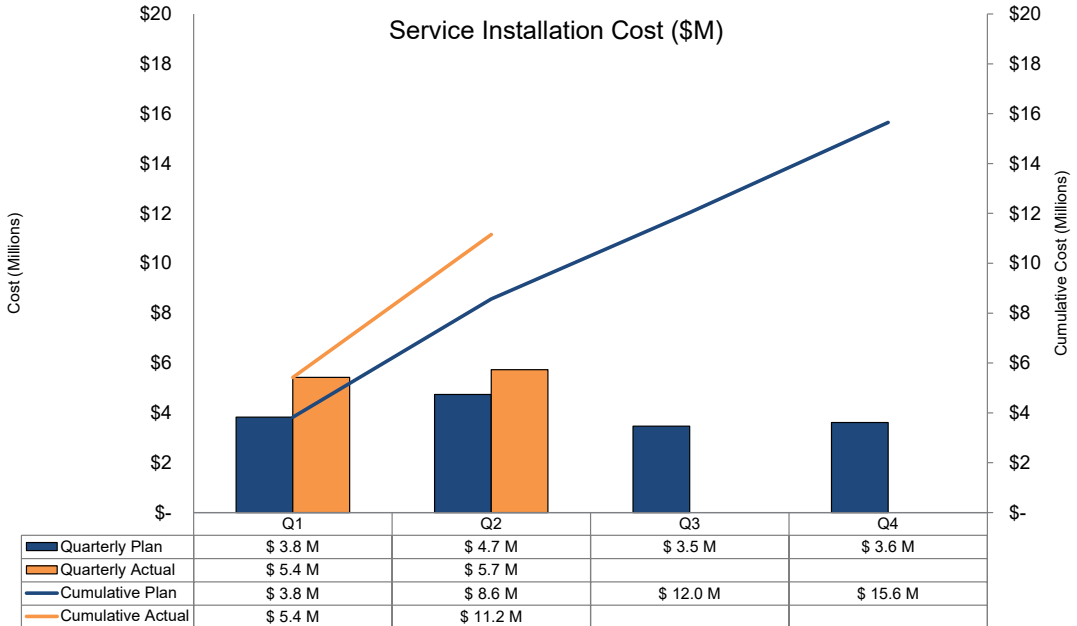
Quarterly Plan	1.4	6.8	3.9	8.6
Quarterly Actual	0.7	3.8		
Cumulative Plan	1.4	8.3	12.1	20.8
Cumulative Actual	0.7	4.5		

**5C. Public Improvement / System Improvement - Cost Graphs**

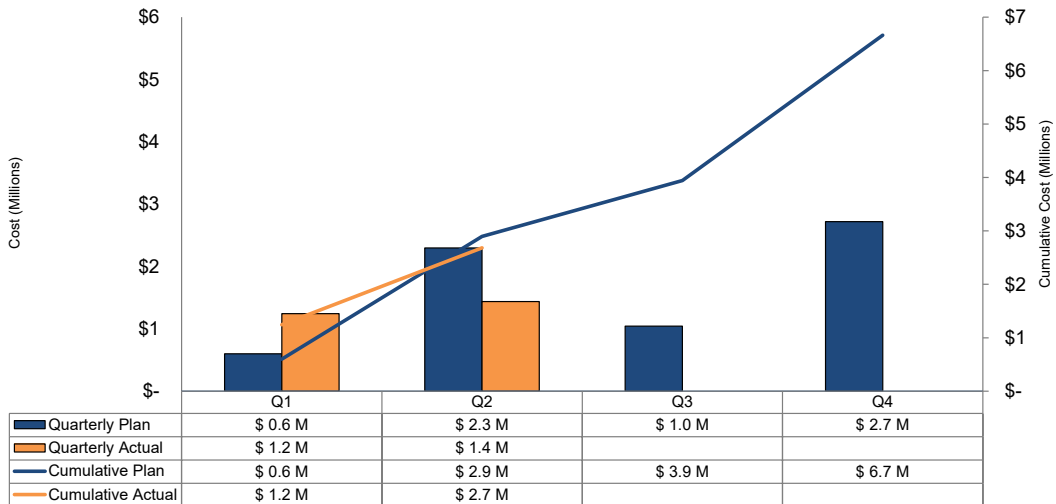
Main Installation Cost (\$M)



Service Installation Cost (\$M)

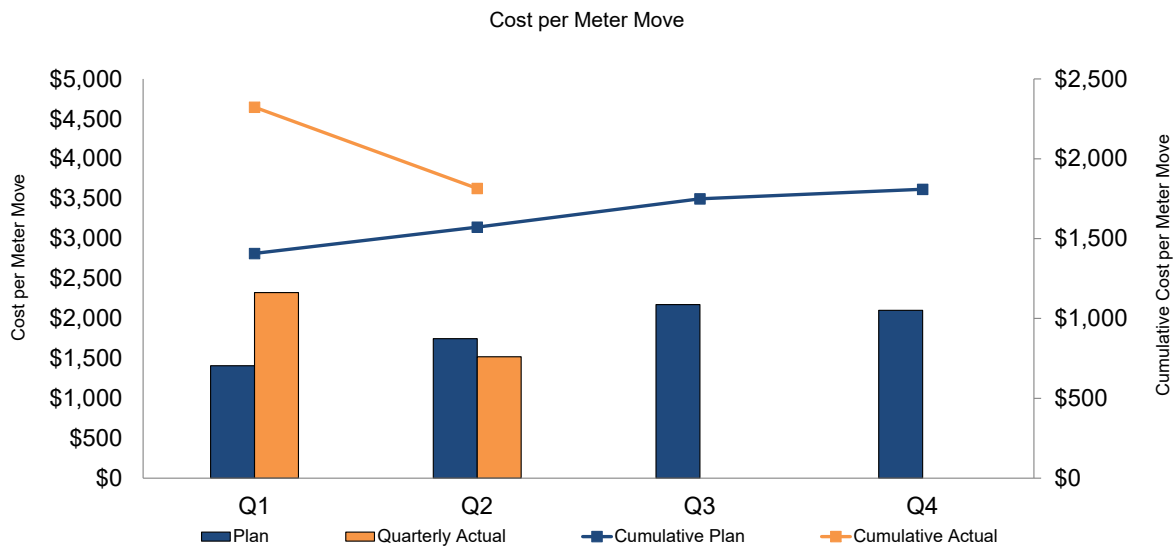


Main Retirement Cost (Field Retirement) (\$M)



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

### 6A. Meter Moves Program Performance

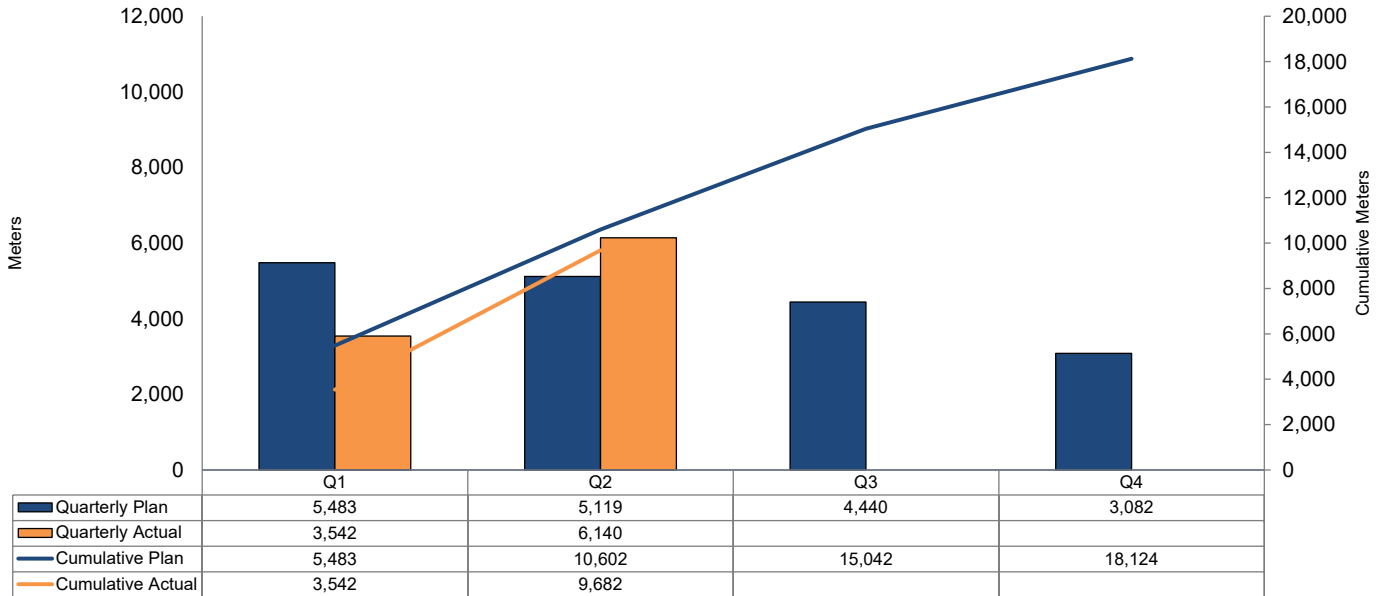


#### Year-to-Date Numbers

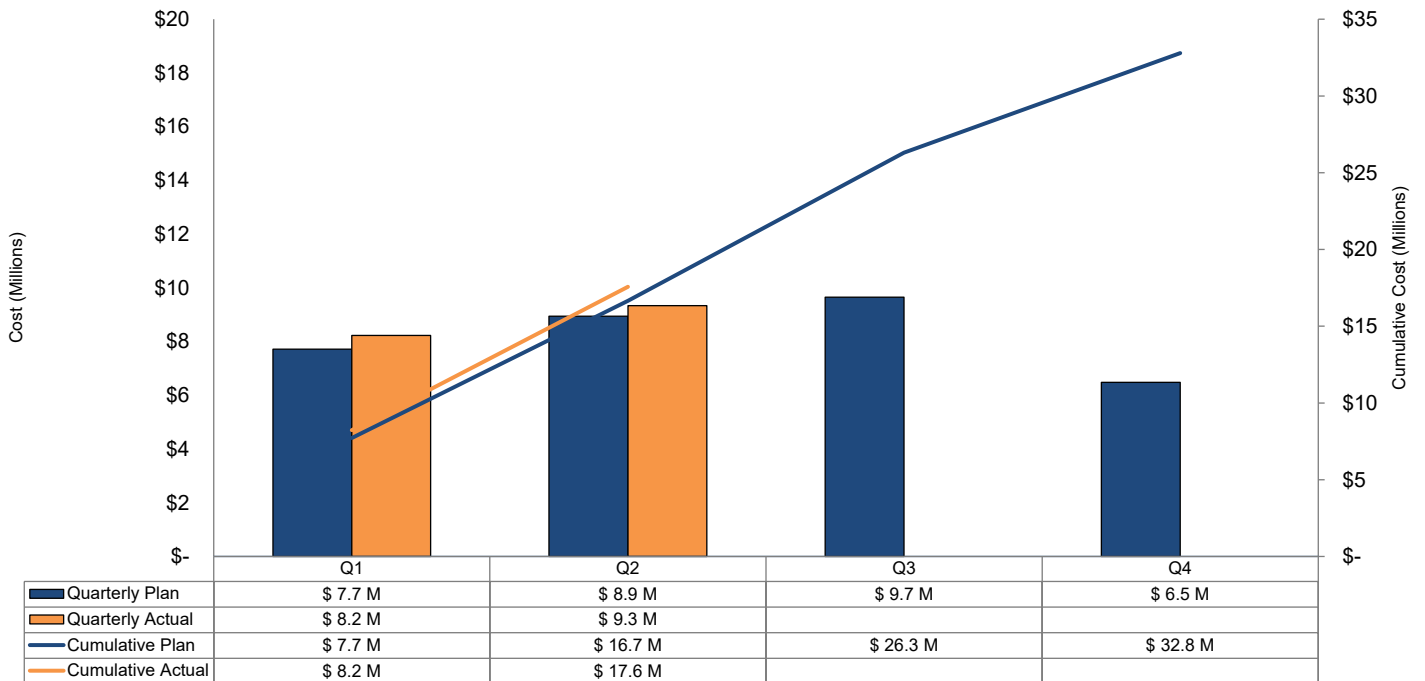
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Meter Moves (allocation)</b>	\$ 16.7 M	10,602	\$1,571 / meter	\$ 17.6 M	9,682	\$1,815 / meter

**6B. Meter Move Quantity and Cost**

Meter Quantity



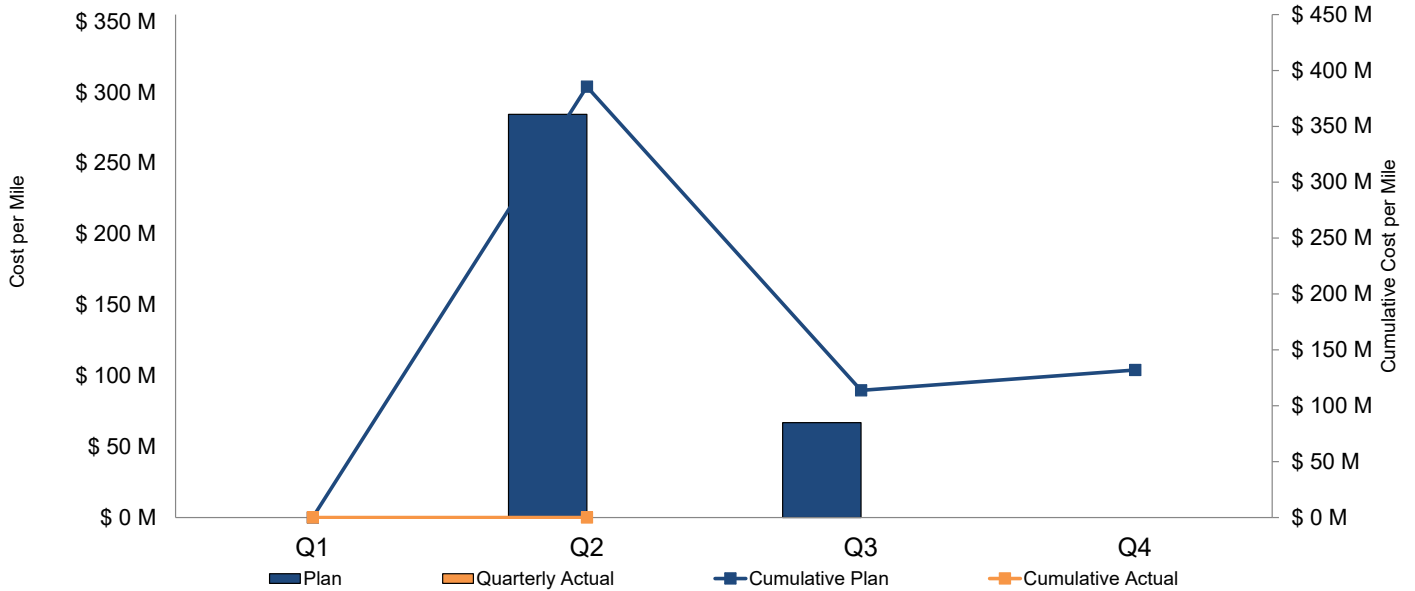
Meter Cost (\$M)



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

**7A. HP Program Performance**

HP Cost per Mile



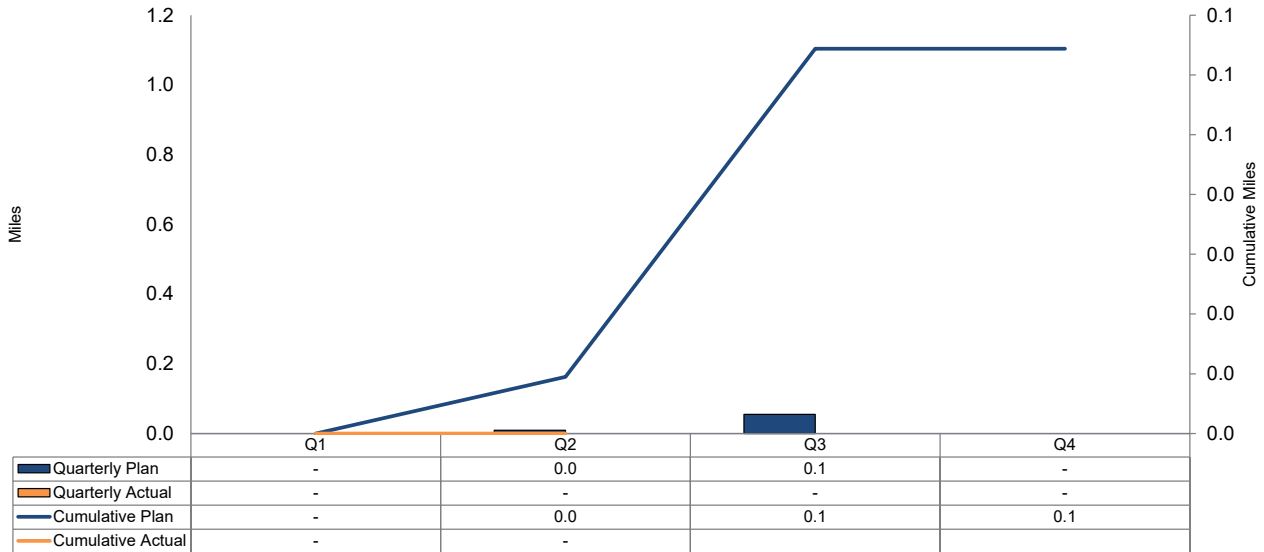
**Year-to-Date Numbers**

	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Main Install</b>	\$ 3.7 M	0.01	n/a	\$ 1.8 M	0.00	n/a

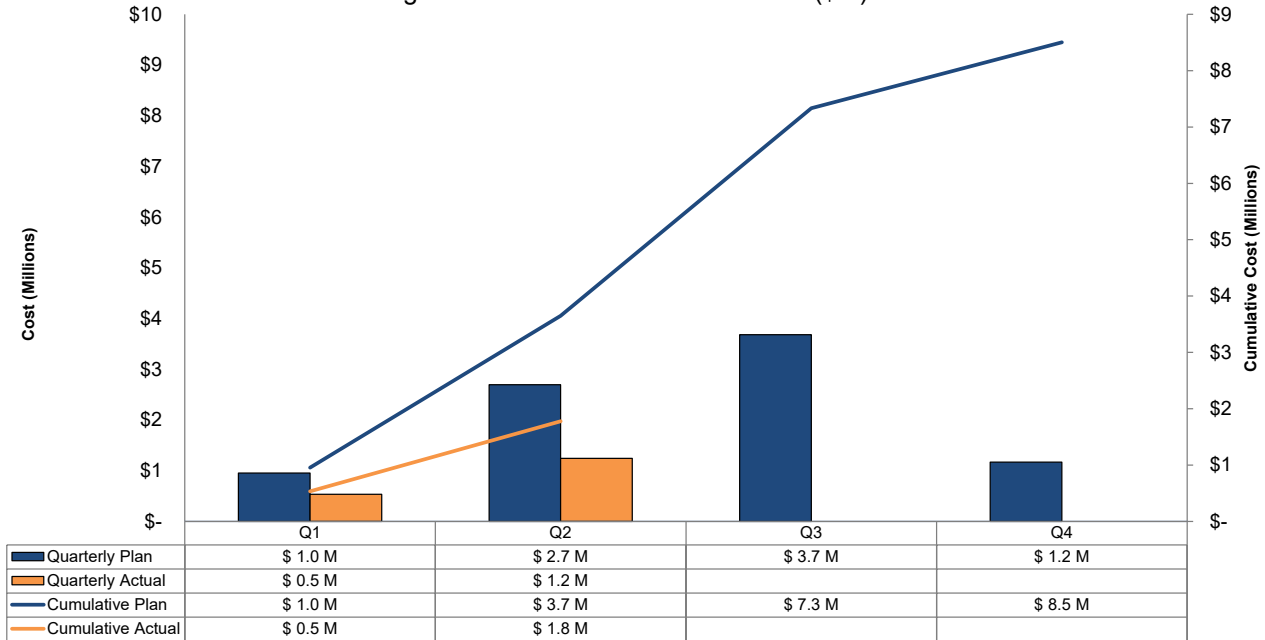
The High Pressure Program work this year involves the construction of a gate station. This gate station will have a footprint of about 25,000 square feet and includes various pieces of equipment like valves and heaters. While the required cost per mile metric is shown here, the metric is not representative of the type of work being executed because of the nature of the work – it does not include stretches of main installation.

**7B. High Pressure Main Installation**

High Pressure Main Installation Quantity



High Pressure Main Installation Cost (\$M)





# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

## 8A. Disconnection Metrics

### A.1. Number of Disconnections per month

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	YTD Total
Res Heating -Low Income <sup>(1)</sup>	-	-	-	-	-	-	-
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	-	44	156	496	696
Res Non-Heating	-	-	-	-	3	11	14
Non Residential	129	128	289	160	221	350	1,277
<b>Total</b>	<b>129</b>	<b>128</b>	<b>289</b>	<b>204</b>	<b>380</b>	<b>857</b>	<b>1,987</b>

### A.2. Percentage of Disconnections per month

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	YTD Total
Res Heating -Low Income <sup>(1)</sup>	-	-	-	-	-	-	-
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	-	0.0055%	0.0194%	0.0617%	0.0866%
Res Non-Heating	-	-	-	-	0.0004%	0.0014%	0.0017%
Non-Residential	0.1640%	0.1627%	0.3673%	0.2034%	0.2809%	0.4448%	1.6230%

### A.3. Number of Accounts Eligible for Disconnection<sup>(2)</sup>

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	YTD Total
Res Heating -Low Income <sup>(1)</sup>	-	-	-	301	122	131	554
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	-	11,967	9,203	22,780	43,950
Res Non-Heating	-	-	-	459	500	2,006	2,965
Non Residential	3,098	4,066	4,593	3,783	3,402	3,166	22,108
<b>Total</b>	<b>3,098</b>	<b>4,066</b>	<b>4,593</b>	<b>16,510</b>	<b>13,227</b>	<b>28,083</b>	<b>69,577</b>

### A.4. Number of Reconnections per month

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	YTD Total
Res Heating -Low Income <sup>(1)</sup>	9	5	1	3	2	2	22
Res Heating -Not-Low Income <sup>(1)</sup>	33	13	11	9	18	28	112
Res Non-Heating	2	-	2	3	-	-	7
Non Residential	174	123	138	95	94	87	711
<b>Total</b>	<b>218</b>	<b>141</b>	<b>152</b>	<b>110</b>	<b>114</b>	<b>117</b>	<b>852</b>

Notes:

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

<sup>(2)</sup>Number of Accounts Eligible for Disconnection reflects the number of disconnection notices sent each month. Summing the monthly numbers reflects the number of notices sent year-to-date, but not the number of accounts eligible during that same period. An account may receive more than one notice during a multi-month period.

# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

## 8B. Uncollectibles Metrics

### B.1. Dollar Amount of Uncollectibles<sup>(2)</sup>

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	YTD Total
S.C. 1 Heating - Low Income <sup>(1)</sup>	\$ 18,778.12	\$ 5,651.05	\$ 18,490.17	\$ 9,113.28	\$ (943.92)	\$ 2,701.64	\$ 53,790.34
S.C. 1 Heating - Not Low Income <sup>(1)</sup>	\$ (408,460.07)	\$ (355,405.74)	\$ 636,808.35	\$ (314,786.94)	\$ (348,859.06)	\$ 76,777.27	\$ (713,926.19)
S.C. 1 Non-Heating	\$ (21,108.91)	\$ (17,474.12)	\$ (22,920.12)	\$ (28,531.06)	\$ (32,153.38)	\$ 5,259.74	\$ (116,927.85)
S.C. 2	\$ 14,424.74	\$ (27,751.52)	\$ 47,600.97	\$ (34,898.33)	\$ 56,216.94	\$ 25,334.87	\$ 80,927.67
S.C. 4	\$ -	\$ -	\$ 2,703.87	\$ -	\$ -	\$ 112.65	\$ 2,816.52
S.C. 8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$ (396,366.12)	\$ (394,980.33)	\$ 682,683.24	\$ (369,103.05)	\$ (325,739.42)	\$ 110,186.17	\$ (693,319.51)

Notes:

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

<sup>(2)</sup>Uncollectibles is defined as net write offs (write offs less recoveries); Uncollectibles are low due to the PHE moratorium on disconnections in 2020.

**Peoples Gas - System Modernization Program Quarterly Report**

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

**8C. Bill Impact Metrics - April 2021**

Line No.	Service Classification [A]	Therm Sales <sup>(1)</sup> [B]	Number of Customers <sup>(2)</sup> [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges <sup>(3)</sup> [E]	Rider QIP Charges <sup>(4)</sup> [F]	Gas Charges <sup>(5)</sup> [G]	Other Rider Charges <sup>(6)</sup> [H]	Other State Charges <sup>(7)</sup> [I]	State and Municipal Taxes <sup>(8)</sup> [J]	Total [K] Sum of col. [E]-[J]
<b>1</b>	<b>Sales</b>										
2	S. C. 1 Non-Htg	574,032	95,921	6	\$ 1,678,130	\$ 419,410	\$ 315,124	\$ 40,248	\$ 53,245	\$ 222,003	\$ 2,728,161
3	S. C. 1 Heating	47,612,903	667,120	71	\$ 33,166,494	\$ 8,115,545	\$ 21,640,089	\$ 2,150,365	\$ 359,703	\$ 6,673,228	\$ 72,105,424
4	S. C. 2	20,690,549	61,395	337	8,333,533	2,094,147	9,957,159	1,057,772	349,992	2,334,575	24,127,177
5	S. C. 4	294,301	8	36,788	57,746	14,615	144,318	9,867	45	19,939	246,530
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	701	2	351	664	162	325	114	12	123	1,400
<b>8</b>	<b>Total Sales</b>	<b>69,172,486</b>	<b>824,446</b>		<b>\$ 43,236,567</b>	<b>\$ 10,643,879</b>	<b>\$ 32,057,015</b>	<b>\$ 3,258,366</b>	<b>\$ 762,997</b>	<b>\$ 9,249,868</b>	<b>\$ 99,208,692</b>
<b>9</b>	<b>Transportation</b>										
10	S. C. 1 Non-Htg	41,373	6,622	6	114,511	28,545	597	1,788	3,694	15,979	165,114
11	S. C. 1 Heating	2,973,615	34,480	86	1,778,731	439,044	42,613	90,556	19,641	454,111	2,824,695
12	S. C. 2	24,279,270	16,669	1,457	6,640,105	1,680,930	462,270	1,015,985	93,497	2,859,120	12,751,906
13	S. C. 4	14,769,937	167	88,443	2,295,706	577,831	105,882	442,227	4,180	1,325,785	4,751,611
14	S. C. 5 / 7	2,050,427	2	1,025,213	195,315	-	-	36,759	433	26,802	259,309
15	S. C. 8	26,958	3	8,986	4,685	1,280	578	965	17	2,862	10,386
16	Contract and Pool	-	-	-	108,146	7,937	125,660	-	-	(10,362)	231,381
<b>17</b>	<b>Total Transportation</b>	<b>44,141,580</b>	<b>57,943</b>		<b>\$ 11,137,199</b>	<b>\$ 2,735,567</b>	<b>\$ 737,600</b>	<b>\$ 1,588,280</b>	<b>\$ 121,461</b>	<b>\$ 4,674,296</b>	<b>\$ 20,994,403</b>
<b>18</b>	<b>Sales and Transportation</b>										
19	S. C. 1 Non-Htg	615,405	102,543	6	1,792,642	447,955	315,721	42,036	56,939	237,982	2,893,274
20	S. C. 1 Heating	50,586,518	701,600	72	34,945,225	8,554,589	21,682,702	2,240,921	379,344	7,127,338	74,930,119
21	S. C. 2	44,969,819	78,064	576	14,973,637	3,775,077	10,419,429	2,073,757	443,489	5,193,695	36,879,083
22	S. C. 4	15,064,238	175	86,081	2,353,452	592,446	250,200	452,094	4,225	1,345,724	4,998,141
23	S. C. 5 / 7	2,050,427	2	1,025,213	195,315	-	-	36,759	433	26,802	259,309
24	S. C. 8	27,659	5	5,532	5,348	1,442	903	1,079	29	2,985	11,786
25	Contract and Pool	-	-	-	108,146	7,937	125,660	-	-	(10,362)	231,381
<b>26</b>	<b>Total Sales and Transportation</b>	<b>113,314,067</b>	<b>882,389</b>		<b>\$ 54,373,766</b>	<b>\$ 13,379,445</b>	<b>\$ 32,794,615</b>	<b>\$ 4,846,645</b>	<b>\$ 884,458</b>	<b>\$ 13,924,165</b>	<b>\$ 120,203,094</b>
<b>27</b>	<b>Add: Other Revenues <sup>(9)</sup></b>										<b>\$ (10,589,081)</b>
<b>28</b>	<b>Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>										<b>\$ 109,614,013</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 461,480 therms.
- (2) Number of customers at April 16, 2021.
- (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.

**Peoples Gas - System Modernization Program Quarterly Report**

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

**8C. Bill Impact Metrics - May 2021**

Line No.	Service Classification [A]	Therm Sales <sup>(1)</sup> [B]	Number of Customers <sup>(2)</sup> [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges <sup>(3)</sup> [E]	Rider QIP Charges <sup>(4)</sup> [F]	Gas Charges <sup>(5)</sup> [G]	Other Rider Charges <sup>(6)</sup> [H]	Other State Charges <sup>(7)</sup> [I]	State and Municipal Taxes <sup>(8)</sup> [J]	Total [K] Sum of col. [E]-[J]
<b>1</b>	<b>Sales</b>										
2	S. C. 1 Non-Htg	581,353	95,652	6	\$ 1,684,485	\$ 519,592	\$ 321,597	\$ 43,214	\$ 52,777	\$ 231,562	\$ 2,853,227
3	S. C. 1 Heating	24,803,702	665,591	37	\$ 29,884,583	\$ 9,063,722	\$ 13,103,589	\$ 1,512,554	\$ 400,446	\$ 5,091,700	\$ 59,056,593
4	S. C. 2	9,950,439	61,178	163	6,124,880	1,915,974	5,459,683	563,944	339,304	1,440,534	15,844,319
5	S. C. 4	55,883	5	11,177	26,886	9,793	42,408	1,948	32	8,800	89,868
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	1,449	2	725	997	305	760	172	17	223	2,474
<b>8</b>	<b>Total Sales</b>	<b>35,392,826</b>	<b>822,428</b>		<b>\$ 37,721,831</b>	<b>\$ 11,509,386</b>	<b>\$ 18,928,037</b>	<b>\$ 2,121,832</b>	<b>\$ 792,576</b>	<b>\$ 6,772,818</b>	<b>\$ 77,846,481</b>
<b>9</b>	<b>Transportation</b>										
10	S. C. 1 Non-Htg	39,915	6,518	6	113,507	35,065	948	1,837	3,619	16,368	171,343
11	S. C. 1 Heating	1,410,761	34,017	41	1,466,151	454,991	75,074	57,608	18,626	295,262	2,367,713
12	S. C. 2	19,041,117	16,580	1,148	5,663,800	1,765,750	675,436	786,138	90,934	2,168,282	11,150,340
13	S. C. 4	16,538,150	168	98,441	2,361,827	727,174	136,341	492,347	4,164	1,333,918	5,055,771
14	S. C. 5 / 7	1,839,088	2	919,544	121,933	-	-	38,803	433	21,506	182,674
15	S. C. 8	43,392	5	8,678	6,660	2,032	529	1,433	17	4,581	15,252
16	Contract and Pool	-	-	-	95,669	9,455	41,298	-	-	5,919	152,342
<b>17</b>	<b>Total Transportation</b>	<b>38,912,424</b>	<b>57,290</b>		<b>\$ 9,829,547</b>	<b>\$ 2,994,467</b>	<b>\$ 929,626</b>	<b>\$ 1,378,165</b>	<b>\$ 117,792</b>	<b>\$ 3,845,837</b>	<b>\$ 19,095,435</b>
<b>18</b>	<b>Sales and Transportation</b>										
19	S. C. 1 Non-Htg	621,269	102,170	6	1,797,992	554,657	322,545	45,051	56,396	247,930	3,024,570
20	S. C. 1 Heating	26,214,463	699,608	37	31,350,734	9,518,713	13,178,663	1,570,162	419,072	5,386,962	61,424,306
21	S. C. 2	28,991,556	77,758	373	11,788,680	3,681,725	6,135,119	1,350,082	430,238	3,608,816	26,994,659
22	S. C. 4	16,594,033	173	95,919	2,388,713	736,968	178,749	494,294	4,196	1,342,719	5,145,639
23	S. C. 5 / 7	1,839,088	2	919,544	121,933	-	-	38,803	433	21,506	182,674
24	S. C. 8	44,841	7	6,406	7,657	2,337	1,289	1,605	34	4,804	17,726
25	Contract and Pool	-	-	-	95,669	9,455	41,298	-	-	5,919	152,342
<b>26</b>	<b>Total Sales and Transportation</b>	<b>74,305,251</b>	<b>879,718</b>		<b>\$ 47,551,378</b>	<b>\$ 14,503,854</b>	<b>\$ 19,857,663</b>	<b>\$ 3,499,997</b>	<b>\$ 910,368</b>	<b>\$ 10,618,656</b>	<b>\$ 96,941,916</b>
<b>27</b>	<b>Add: Other Revenues <sup>(9)</sup></b>										<b>\$ (4,875,873)</b>
<b>28</b>	<b>Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>										<b>\$ 92,066,043</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 326,060 therms.  
 (2) Number of customers at May 18, 2021.  
 (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.

**Peoples Gas - System Modernization Program Quarterly Report**

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

**8C. Bill Impact Metrics - June 2021**

Line No.	Service Classification [A]	Therm Sales <sup>(1)</sup> [B]	Number of Customers <sup>(2)</sup> [C]	Average monthly usage per service classification [D] = [B] / [C]	Base Rate Charges <sup>(3)</sup> [E]	Rider QIP Charges <sup>(4)</sup> [F]	Gas Charges <sup>(5)</sup> [G]	Other Rider Charges <sup>(6)</sup> [H]	Other State Charges <sup>(7)</sup> [I]	State and Municipal Taxes <sup>(8)</sup> [J]	Total [K] Sum of col. [E]-[J]
<b>1</b>	<b>Sales</b>										
2	S. C. 1 Non-Htg	331,023	95,492	3	\$ 1,595,532	\$ 536,941	\$ 199,987	\$ 33,045	\$ 51,755	\$ 209,229	\$ 2,626,488
3	S. C. 1 Heating	18,251,976	664,326	27	\$ 26,949,039	\$ 9,019,288	\$ 10,349,032	\$ 1,479,843	\$ 357,600	\$ 4,452,051	\$ 52,606,853
4	S. C. 2	6,288,778	60,882	103	5,430,843	1,846,166	3,765,916	413,084	332,198	1,132,131	12,920,338
5	S. C. 4	14,115	7	2,016	26,605	9,349	14,549	1,366	43	5,979	57,892
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	1,031	3	344	828	281	598	161	16	182	2,067
<b>8</b>	<b>Total Sales</b>	<b>24,886,923</b>	<b>820,710</b>		<b>\$ 34,002,847</b>	<b>\$ 11,412,024</b>	<b>\$ 14,330,083</b>	<b>\$ 1,927,500</b>	<b>\$ 741,612</b>	<b>\$ 5,799,572</b>	<b>\$ 68,213,638</b>
<b>9</b>	<b>Transportation</b>										
10	S. C. 1 Non-Htg	23,129	6,438	4	106,093	35,844	1,073	1,539	3,493	14,352	162,393
11	S. C. 1 Heating	638,320	33,572	19	1,260,044	425,785	79,959	54,007	18,112	208,220	2,046,128
12	S. C. 2	5,367,883	16,514	325	3,913,597	1,332,407	713,929	251,201	89,959	1,048,892	7,349,984
13	S. C. 4	9,395,660	167	56,261	2,033,593	690,539	155,946	298,321	4,180	825,633	4,008,211
14	S. C. 5 / 7	2,701,624	2	1,350,812	355,984	-	-	39,485	433	41,256	437,158
15	S. C. 8	60,557	4	15,139	8,730	2,892	545	2,003	17	6,290	20,477
16	Contract and Pool	-	-	-	86,104	11,653	103,123	-	-	9,576	210,456
<b>17</b>	<b>Total Transportation</b>	<b>18,187,174</b>	<b>56,697</b>		<b>\$ 7,764,145</b>	<b>\$ 2,499,119</b>	<b>\$ 1,054,575</b>	<b>\$ 646,556</b>	<b>\$ 116,193</b>	<b>\$ 2,154,219</b>	<b>\$ 14,234,807</b>
<b>18</b>	<b>Sales and Transportation</b>										
19	S. C. 1 Non-Htg	354,152	101,930	3	1,701,625	572,785	201,060	34,584	55,247	223,581	2,788,881
20	S. C. 1 Heating	18,890,296	697,898	27	28,209,083	9,445,073	10,428,991	1,533,850	375,712	4,660,271	54,652,981
21	S. C. 2	11,656,661	77,396	151	9,344,440	3,178,572	4,479,845	664,285	422,158	2,181,023	20,270,323
22	S. C. 4	9,409,775	174	54,079	2,060,198	699,887	170,495	299,688	4,223	831,613	4,066,103
23	S. C. 5 / 7	2,701,624	2	1,350,812	355,984	-	-	39,485	433	41,256	437,158
24	S. C. 8	61,588	7	8,798	9,558	3,172	1,144	2,165	32	6,472	22,543
25	Contract and Pool	-	-	-	86,104	11,653	103,123	-	-	9,576	210,456
<b>26</b>	<b>Total Sales and Transportation</b>	<b>43,074,096</b>	<b>877,407</b>		<b>\$ 41,766,992</b>	<b>\$ 13,911,143</b>	<b>\$ 15,384,657</b>	<b>\$ 2,574,056</b>	<b>\$ 857,805</b>	<b>\$ 7,953,792</b>	<b>\$ 82,448,445</b>
<b>27</b>	<b>Add: Other Revenues <sup>(9)</sup></b>										<b>\$ (5,073,136)</b>
<b>28</b>	<b>Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>										<b>\$ 77,375,308</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 494,800 therms.  
 (2) Number of customers at June 16, 2021.  
 (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.

# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

## 8C. Bill Impact Metrics

### Average residential heating customer's monthly bill

#### Service Classification No. 1 - Residential Heating Customer

	Therms <sup>(1)</sup>	Base Rates <sup>(2)</sup>	Rider QIP	Gas Charges	Other Riders <sup>(3)</sup>	Other State Charges <sup>(4)</sup>	State & Municipal Taxes <sup>(5)</sup>	Total
<b>January</b>	207.70	\$ 79.41	\$ 11.55	\$ 59.96	\$ 7.90	\$ 0.55	\$ 18.28	\$ 177.65
<b>February</b>	172.42	\$ 71.88	\$ 11.61	\$ 50.69	\$ 6.87	\$ 0.55	\$ 15.95	\$ 157.55
<b>March</b>	133.32	\$ 63.54	\$ 12.04	\$ 42.92	\$ 5.69	\$ 0.55	\$ 13.60	\$ 138.34
<b>April</b>	82.44	\$ 52.07	\$ 13.00	\$ 38.19	\$ 3.58	\$ 0.55	\$ 10.93	\$ 118.32
<b>May</b>	36.27	\$ 42.68	\$ 13.15	\$ 19.31	\$ 2.15	\$ 0.55	\$ 7.36	\$ 85.20
<b>June</b>	28.33	\$ 39.45	\$ 13.28	\$ 16.35	\$ 2.28	\$ 0.55	\$ 6.68	\$ 78.59
<b>July</b>								\$ -
<b>August</b>								\$ -
<b>September</b>								\$ -
<b>October</b>								\$ -
<b>November</b>								\$ -
<b>December</b>								\$ -
<b>Calendar Year</b>	660.48	\$ 349.03	\$ 74.63	\$ 227.42	\$ 28.47	\$ 3.30	\$ 72.80	\$ 755.65

#### Notes:

<sup>(1)</sup>Weather normalized therms

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

<sup>(3)</sup>Charges under Rider UEA-Gas Cost, Rider 11, Rider SPC, and Rider EOA

<sup>(4)</sup>Additional state charges and PUAC under Rider 1

<sup>(5)</sup>Additional charges for state and municipal utility taxes under Rider 1

# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

## 8D. System Modernization Program (SMP)

	D1.		D2.	S.C. No. 1 Rider QIP <sup>(1)</sup>	D3.
	SMP Dollars Spent	QIP Dollars Spent	SMP % of QIP		S.C. No. 1 SMP <sup>(2)</sup>
<b>January</b>	\$ 9,207,156.07	\$ 9,207,156.07	100.0%	\$ 11.55	\$ 11.55
<b>February</b>	\$ 9,615,462.82	\$ 9,615,462.82	100.0%	\$ 11.61	\$ 11.61
<b>March</b>	\$ 24,874,723.91	\$ 24,874,723.91	100.0%	\$ 12.04	\$ 12.04
<b>April</b>	\$ 29,753,569.51	\$ 29,753,569.51	100.0%	\$ 13.00	\$ 13.00
<b>May</b>	\$ 27,831,265.30	\$ 27,831,265.30	100.0%	\$ 13.15	\$ 13.15
<b>June</b>	\$ 23,372,437.32	\$ 23,372,437.32	100.0%	\$ 13.28	\$ 13.28
<b>July</b>				\$ -	\$ -
<b>August</b>				\$ -	\$ -
<b>September</b>				\$ -	\$ -
<b>October</b>				\$ -	\$ -
<b>November</b>				\$ -	\$ -
<b>December</b>				\$ -	\$ -
<b>Calendar Year</b>	\$ 124,654,614.93	\$ 124,654,614.93	100.0%	\$ 74.63	\$ 74.63

### Notes:

<sup>(1)</sup>Rider QIP charges from Bill Impact Metric C4.

<sup>(2)</sup>Derived by taking D2. multiplied by the Rider QIP charges from Bill Impact Metric C4.

# Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending June 30, 2021

## APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2021 Risk Rank	Mean UMRI	
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)					
Lincoln Square	In Progress	1.57	3.31	64	912	5.10	In Progress	2021			
Princeton Park	In Progress	0	0	0	0	0.2	In Progress	2021			
North Mayfair	In Progress	0.00	3.66	0	61	1.20	In Progress	2021			
Norwood Park East	In Progress	9.74	13.40	885	1,584	25.20	In Progress	2022			
Avalon Park	In Progress	1.5	3.5	382	399	4.3	In Progress	2022			
McKinley Park	In Progress	3.2	6.7	349	765	10.6	In Progress	2022			
Kenwood	In Progress	0.2	2	0	0	2.1	In Progress	2022			
Albany Park	In Progress	0.00	0.00	0	0	3.10	In Progress	2022			
Irving Park	In Progress	* Included in Albany Park						In Progress	2022		
Ravenswood Manor	In Progress	* Included in Albany Park						In Progress	2022		
West Elsdon	In Progress	4.75	5.75	410	569	13.73	In Progress	2023			
Schorsch Village	In Progress	16.33	11.20	1,645	2,052	38.30	In Progress	2024			
Marquette Park	In Progress	33.44	29.86	4,005	6,471	55.93	In Progress	2024			
Jeffery Manor	In Progress	32.1	20.2	3,086	3,241	59.5	In Progress	2023			
Budlong Woods	Not Started	23.40	12.80	1,861	4,645	42.90		2021			
Old Irving Park	In Progress	15.39	11.68	1,303	2,289	40.40	In Progress	2023			
Garfield Ridge	Not Started	64.95	38.79	7,730	8,220	136.4		2021			
Rosemoor	Not Started	16.42	10.52	1,868	2,075	41.04		2022	24	0.15	
Cragin	Not Started	47.40	30.38	4,481	7,961	118.50		2022	2026	4	0.16
Chatham	Not Started	40.63	26.04	3,958	6,245	101.57		2022	2026	20	0.19
Irving Woods	Not Started	13.34	8.55	1,440	1,663	33.34		2023	2025	1	0.38
Union Ridge	Not Started	14.39	9.22	1,536	1,758	35.97		2023	2025	13	0.15
West Englewood	Not Started	47.01	30.13	4,121	4,355	117.51		2023	2026	22	0.22
South Chicago	Not Started	51.86	33.24	4,639	6,597	129.64		2023	2027	28	0.14
Old Norwood Park	Not Started	14.74	9.45	798	883	36.86		2024	2026	2	0.15
Oriole Park	Not Started	17.98	11.53	1,480	1,654	44.96		2024	2026	3	0.37
Heart of Chicago	Not Started	18.08	11.59	2,106	5,447	45.21		2024	2028	29	0.13
Calumet Heights	Not Started	38.18	24.48	3,788	4,364	95.46		2024	2029	33	0.21
Bridgeport	Not Started	17.32	11.10	830	1,639	43.29		2025	2027	35	0.08
Norwood Park West	Not Started	23.64	15.15	2,049	2,138	59.10		2025	2028	5	0.29
Wrightwood	Not Started	30.05	19.26	3,016	3,164	75.11		2025	2028	31	0.20
Magnolia Glen	Not Started	2.16	1.38	109	304	5.40		2026	2026	15	0.11
Peterson Park	Not Started	4.08	2.61	413	628	10.20		2026	2026	42	0.41
Edgebrook	Not Started	2.87	1.84	57	91	7.18		2026	2026	43	0.02
Belmont Terrace	Not Started	8.15	5.22	813	891	20.37		2026	2027	16	0.27
Hermosa	Not Started	5.25	3.37	426	764	13.13		2026	2027	19	0.06
Roscoe Village	Not Started	13.00	8.33	1,568	3,220	32.49		2026	2028	7	0.21
Edgewater	Not Started	17.68	11.33	1,053	3,722	44.19		2026	2029	10	0.16
Brainerd	Not Started	27.32	17.51	2,648	3,324	68.29		2026	2029	37	0.16
Belmont Heights	Not Started	31.93	20.47	3,901	4,474	79.83		2026	2030	11	0.29
Jefferson Park	Not Started	85.50	54.80	8,527	11,859	213.74		2026	2030	14	0.19
Gage Park	Not Started	28.61	18.34	2,986	3,969	71.51		2026	2030	32	0.15
Ashburn	Not Started	36.68	23.51	3,685	3,843	91.71		2026	2030	34	0.17
Chicago Lawn	Not Started	9.92	6.36	948	1,398	24.81		2027	2028	45	0.12
East Chatham	Not Started	11.05	7.08	742	2,849	27.63		2027	2029	47	0.14
West Woodlawn	Not Started	16.99	10.89	1,174	2,623	42.48		2027	2029	54	0.13
Park Manor	Not Started	35.47	22.74	3,115	5,668	88.68		2027	2029	56	0.15
Lawndale	Not Started	23.31	14.94	1,371	2,627	58.27		2027	2030	36	0.06
West Lawn	Not Started	48.85	31.32	5,738	6,400	122.13		2027	2030	41	0.16
East Pilsen	Not Started	2.54	1.63	115	224	6.34		2028	2028	60	0.09
West Rogers Park	Not Started	66.96	42.92	5,088	11,257	167.41		2028	2031	18	0.14
Washington Heights	Not Started	13.32	8.54	1,134	1,124	33.31		2029	2030	57	0.11
Ukrainian Village	Not Started	9.29	5.96	766	2,670	23.23		2029	2031	49	0.14
Brighton Park	Not Started	35.11	22.51	3,079	5,108	87.78		2029	2031	59	0.09
Washington Park	Not Started	14.47	9.27	445	1,868	36.17		2029	2031	62	0.12
The Bush	Not Started	6.29	4.03	509	744	15.72		2030	2031	65	0.25
Little Village	Not Started	15.95	10.23	291	509	39.89		2030	2031	74	0.05
Fernwood	Not Started	20.83	13.35	2,112	2,025	52.06		2030	2032	70	0.16



# Peoples Gas - System Modernization Program Quarterly Report

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## APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2021 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Back of the Yards	Not Started	15.24	9.77	1,514	2,987	38.10	2030	2032	71	0.05
Old Town	Not Started	8.08	5.18	497	2,173	20.20	2030	2032	73	0.10
Longwood Manor	Not Started	15.02	9.63	1,662	1,657	37.55	2030	2032	76	0.16
Galewood	Not Started	28.72	18.41	2,827	3,377	71.79	2030	2033	26	0.16
Andersonville	Not Started	8.03	5.15	661	4,076	20.07	2030	2033	30	0.10
Ravenswood	Not Started	30.34	19.45	2,056	6,667	75.84	2030	2033	38	0.10
West Town	Not Started	38.81	24.88	2,689	6,948	97.02	2030	2033	61	0.09
Grand Crossing	Not Started	31.05	19.91	2,196	3,816	77.64	2030	2034	67	0.15
Roseland	Not Started	39.82	25.52	3,206	3,406	99.54	2030	2034	69	0.14
West Pullman	Not Started	48.70	31.21	4,044	4,107	121.74	2031	2033	81	0.11
Archer Heights	Not Started	22.18	14.22	1,835	2,458	55.45	2031	2034	77	0.11
Humboldt Park	Not Started	48.46	31.07	4,549	10,798	121.16	2031	2035	80	0.14
O'Hare	Not Started	0.00	0.00	0	0	0.00	2032	2032	85	0.03
Heart of Italy	Not Started	0.92	0.59	2	2	2.31	2032	2032	87	0.16
Wrightwood Neighbors	Not Started	13.83	8.87	1,181	3,734	34.58	2032	2035	40	0.15
North Austin	Not Started	19.52	12.51	1,708	2,942	48.79	2032	2035	46	0.08
Morgan Park E	Not Started	25.91	16.61	2,510	2,541	64.77	2032	2035	83	0.10
Noble Square	Not Started	10.54	6.76	993	3,459	26.35	2032	2035	95	0.09
Lake View	Not Started	60.26	38.63	5,430	16,666	150.66	2032	2036	39	0.13
Scottsdale	Not Started	39.67	25.43	4,029	4,175	99.18	2032	2036	94	0.20
Kelvin Park	Not Started	4.28	2.75	348	513	10.71	2033	2033	44	0.11
West Loop Gate	Not Started	0.47	0.30	3	66	1.18	2033	2033	102	0.06
River North	Not Started	1.67	1.07	33	139	4.18	2033	2033	105	0.03
Near North	Not Started	8.90	5.70	207	534	22.25	2033	2034	100	0.05
Arcadia Terrace	Not Started	8.78	5.63	964	2,054	21.94	2033	2035	51	0.28
Belmont Central	Not Started	39.40	25.26	4,534	6,537	98.50	2033	2036	50	0.15
Bronzeville	Not Started	23.73	15.21	683	1,846	59.32	2033	2036	89	0.06
Pilsen	Not Started	18.66	11.96	1,217	3,580	46.64	2033	2036	107	0.07
South Old Irving Park	Not Started	1.92	1.23	132	312	4.80	2034	2034	52	0.18
Cottage Grove Heights	Not Started	7.81	5.01	869	872	19.52	2034	2035	90	0.15
Marynook	Not Started	7.63	4.89	875	927	19.08	2034	2035	92	0.28
Park West	Not Started	9.16	5.87	720	2,168	22.91	2034	2036	64	0.18
East Ukrainian Village	Not Started	11.51	7.38	1,235	4,025	28.79	2034	2037	111	0.12
Logan Square	Not Started	63.29	40.57	6,061	15,137	158.21	2034	2038	63	0.09
Gresham	Not Started	63.15	40.48	5,475	7,557	157.88	2034	2038	93	0.12
Lincoln Park	Not Started	22.25	14.26	1,593	4,282	55.62	2034	2038	110	0.22
South East Ravenswood	Not Started	3.71	2.38	245	812	9.28	2035	2036	48	0.06
Near West Side	Not Started	6.16	3.95	196	417	15.39	2035	2036	114	0.03
Burnside	Not Started	14.73	9.44	1,085	1,401	36.83	2035	2037	98	0.08
Uptown	Not Started	15.01	9.62	768	4,111	37.53	2035	2038	79	0.15
Montclare	Not Started	32.65	20.93	3,244	4,504	81.62	2035	2039	88	0.12
Englewood	Not Started	71.18	45.63	5,340	6,834	177.95	2035	2039	116	0.09
Edison Park	Not Started	2.37	1.52	112	371	5.93	2036	2036	53	0.03
Ravenswood Gardens	Not Started	0.86	0.55	84	231	2.15	2036	2036	66	0.16
West Garfield Park	Not Started	2.11	1.35	0	0	5.27	2036	2036	134	0.03
Pulaski Park	Not Started	10.80	6.92	1,087	1,129	27.00	2036	2037	55	0.29
Wrigleyville	Not Started	3.57	2.29	371	1,336	8.94	2036	2037	78	0.16
Gladstone Park	Not Started	5.74	3.68	539	857	14.35	2036	2037	86	0.44
Sauganash	Not Started	25.63	16.43	2,046	2,271	64.06	2036	2039	99	0.17
South Deering	Not Started	25.86	16.58	2,139	2,418	64.66	2036	2039	108	0.07
Woodlawn	Not Started	17.55	11.25	921	2,912	43.88	2036	2039	118	0.07
East Garfield Park	Not Started	31.00	19.87	1,872	3,670	77.51	2036	2040	130	0.10
Wicker Park	Not Started	18.55	11.89	1,517	4,541	46.37	2036	2040	147	0.03
Forest Glen	Not Started	4.67	3.00	446	479	11.69	2037	2037	68	0.27
Lathrop Homes	Not Started	3.02	1.94	120	562	7.56	2037	2037	84	0.02
Hanson Park	Not Started	2.32	1.49	268	506	5.80	2037	2037	91	0.27
West De Paul	Not Started	1.66	1.06	109	296	4.14	2037	2037	97	0.03
Goose Island	Not Started	3.24	2.08	27	75	8.10	2037	2037	137	0.04
Parkview	Not Started	2.19	1.40	220	245	5.47	2037	2037	138	0.05
Ranch Triangle	Not Started	0.64	0.41	6	13	1.61	2037	2037	143	0.03
North Park	Not Started	7.90	5.06	796	1,688	19.75	2037	2038	101	0.13
Old Town Triangle	Not Started	9.05	5.80	735	1,809	22.63	2037	2038	135	0.17
Vittum Park	Not Started	7.76	4.97	899	953	19.40	2037	2038	141	0.21

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Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2021 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Bucktown	Not Started	31.82	20.40	3,377	7,991	79.56	2037	2040	139	0.04
Chinatown	Not Started	2.64	1.69	226	702	6.60	2038	2038	96	0.13
Schorsch Forest View	Not Started	1.10	0.71	2	4	2.76	2038	2038	103	0.08
Graceland West	Not Started	2.95	1.89	236	691	7.37	2038	2038	106	0.20
Pill Hill	Not Started	5.63	3.61	577	598	14.06	2038	2038	122	0.38
Sheridan Park	Not Started	5.09	3.26	317	1,955	12.73	2038	2039	145	0.13
Buena Park	Not Started	8.23	5.27	386	2,296	20.57	2038	2040	112	0.12
Palmer Square	Not Started	8.37	5.37	778	2,059	20.94	2038	2040	113	0.19
Lake View East	Not Started	13.41	8.59	661	1,962	33.51	2038	2040	121	0.08
Edgewater Beach	Not Started	10.08	6.46	480	2,836	25.20	2038	2040	125	0.10
Big Oaks	Not Started	16.65	10.68	1,783	1,816	41.64	2038	2040	129	0.17
Gold Coast	Not Started	12.74	8.17	645	1,555	31.86	2038	2040	165	0.06
Portage Park	Not Started	7.36	4.72	65	6	18.41	2039	2039	128	0.02
West Chatham	Not Started	4.32	2.77	456	574	10.81	2039	2039	136	0.09
Lakewood - Balmoral	Not Started	2.91	1.86	247	492	7.26	2039	2039	144	0.06
LeClaire Courts	Not Started	2.88	1.85	339	334	7.21	2039	2039	169	0.05
Fifth City	Not Started	3.85	2.47	169	471	9.62	2039	2039	177	0.04
Kilbourn Park	Not Started	6.10	3.91	429	809	15.26	2039	2040	117	0.13
Hollywood Park	Not Started	4.85	3.11	538	1,110	12.14	2039	2040	120	0.11
West Chesterfield	Not Started	8.66	5.55	918	937	21.64	2039	2040	123	0.12
South Loop	Not Started	9.71	6.22	142	660	24.27	2039	2040	132	0.04
North Center	Not Started	8.94	5.73	624	1,432	22.34	2039	2040	133	0.08
Belmont Gardens	Not Started	4.54	2.91	316	710	11.35	2039	2040	146	0.05
Dunning	Not Started	9.03	5.79	1,162	1,384	22.59	2039	2040	149	0.03
Margate Park	Not Started	3.51	2.25	178	799	8.78	2039	2040	160	0.08
Avondale	Not Started	9.24	5.92	553	1,222	23.09	2039	2040	168	0.02
Rogers Park	Not Started	1.83	1.17	22	60	4.57	2040	2040	109	0.01
Sheffield Neighbors	Not Started	1.23	0.79	29	38	3.07	2040	2040	115	0.03
Dearborn Homes	Not Started	0.64	0.41	0	0	1.61	2040	2040	124	0.12
Edgewater Glen	Not Started	2.08	1.33	158	395	5.20	2040	2040	126	0.13
Hyde Park	Not Started	1.25	0.80	15	47	3.13	2040	2040	131	0.02
Winneconna Parkway	Not Started	1.48	0.95	60	115	3.70	2040	2040	148	0.14
South Austin	Not Started	3.28	2.10	37	19	8.21	2040	2040	150	0.01
Lake Meadows	Not Started	0.76	0.49	1	1	1.90	2040	2040	152	0.05
Beverly	Not Started	1.11	0.71	0	0	2.79	2040	2040	153	0.00
Prairie Shores	Not Started	0.42	0.27	4	1	1.04	2040	2040	154	0.04
University Village / Little	Not Started	2.07	1.33	5	1	5.17	2040	2040	156	0.02
The Gap	Not Started	1.00	0.64	2	2	2.51	2040	2040	157	0.04
Lithuanian Plaza	Not Started	1.36	0.87	177	263	3.39	2040	2040	158	0.10
Ickes Praire Homes	Not Started	0.86	0.55	2	7	2.16	2040	2040	159	0.03
Ida B. Wells / Darrow	Not Started	0.82	0.52	0	0	2.05	2040	2040	161	0.03
Illinois Medical District	Not Started	0.32	0.20	7	11	0.79	2040	2040	164	0.02
East Beverly	Not Started	0.95	0.61	0	0	2.38	2040	2040	166	0.01
Beverly View	Not Started	2.85	1.83	245	245	7.12	2040	2040	170	0.12
London Town	Not Started	0.48	0.31	0	0	1.19	2040	2040	172	0.01
East Hyde Park	Not Started	0.02	0.02	0	0	0.06	2040	2040	173	0.01
Clearing (W)	Not Started	0.47	0.30	0	0	1.17	2040	2040	174	0.01
South Commons	Not Started	1.38	0.89	80	108	3.46	2040	2040	178	0.01
Trumbull Park	Not Started	0.01	0.00	0	0	0.02	2040	2040	179	0.00
The Loop	Not Started	4.54	2.91	72	121	11.34	2040	2040	180	0.01
The Villa	Not Started	0.61	0.39	0	0	1.54	2040	2040	181	0.03
North Kenwood	Not Started	0.23	0.14	4	18	0.56	2040	2040	182	0.02
Prairie District	Not Started	0.94	0.60	9	42	2.35	2040	2040	183	0.03
Printers Row	Not Started	0.79	0.50	18	91	1.97	2040	2040	184	0.03
Dearborn Park	Not Started	1.69	1.08	122	204	4.23	2040	2040	187	0.01
East Side	Not Started	0.10	0.06	1	1	0.25	2040	2040	188	0.02
Magnificent Mile	Not Started	0.39	0.25	1	3	0.98	2040	2040	189	0.03
Parkway Gardens	Not Started	0.16	0.10	0	0	0.41	2040	2040	226	0.00
Homan Square	Not Started	0.00	0.00	0	0	0.00	2043	2043	197	0.02
Horner Park	Not Started	0.00	0.00	0	0	0.00	2043	2043	204	0.01
Streeterville	Not Started	0.00	0.00	0	0	0.00	2043	2043	206	0.01
Douglas Park	Not Started	0.00	0.00	0	0	0.00	2043	2043	207	0.01
West Beverly	Not Started	0.00	0.00	0	0	0.00	2043	2043	220	0.00

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## APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2021 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Stony Island Park	Complete									
West Morgan Park	Complete									
South Edgebrook	Complete									
Oakland	Complete									
Mount Greenwood	Complete									
Altgeld Gardens	Complete									
Mayfair	Complete									
The Island	Complete									
West Humboldt Park	Complete									
Hegewisch	Complete									
Stateway Gardens	Complete									
Ford City	Complete									
South Shore	Complete									
Bowmanville	Complete									
Sleepy Hollow	Complete									
Tri-Taylor	Complete									
Marycrest	Complete									
Beverly Woods	Complete									
Cabrini Green	Complete									
Canaryville	Complete									
Mount Greenwood He	Complete									
Jackson Park Highlan	Complete									
Riverdale	Complete									
Fulton River District	Complete									
River West	Complete									
Wentworth Gardens	Complete									
Fuller Park	Complete									
Golden Gate	Complete									
Harbour Point Estates	Complete									
Pullman	Complete									
Near East Side	Complete									
Chrysler Village	Complete									
Kennedy Park	Complete									
The Robert Taylor Ho	Complete									
Tally's Corner	Complete									
Clearing (E)	Complete									
Wildwood	Complete									
Eden Green	Complete									
Brynford Park	Complete									
Greektown	Complete									
Groveland Park	Complete									
Old Edgebrook	Complete									
River's Edge	Complete									
Sauganash Woods	Complete									
Morgan Park W	Complete									

# Peoples Gas - System Modernization Program *Quarterly Report*

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## APPENDIX B - PI/SI METRICS

Project Name	Construction Status	Driver	Install Miles	Retirement Miles	Services	Meters	Cost (\$)	Meets UMRI Threshold?*
2823 W TAYLOR	Completed - Q2	SI	0.33	0.33	1	0	\$797K	
102ND & EGGLESTON UMRI	Completed - Q2	SI	0.97	0.45	70	71	\$1.4M	
SEWER 7110 - BEACH & HOMAN	Completed - Q2	PI	0.62	0.27	109	132	\$1.95M	
57TH & HOMAN UMRI	Completed - Q2	SI	0.39	0.21	55	57	\$619K	
SEWER 7276 - 81ST & SACRAMENTO	Completed - Q2	PI	0.02	0.01	0	0	\$154K	
SEWER 7435 - THORNDALE & FAIRFIELD	Completed - Q2	PI	0.43	0.28	39	81	\$1.01M	
5600 NOTTINGHAM	Completed - Q2	SI	0.81	0	61	62	\$1.18M	
SEWER 7089 - 44TH & FAIRFIELD	Completed - Q2	PI	0.52	0.24	72	131	\$1.10M	
SEWER 7501 - 62ND & NATCHEZ	Completed - Q2	PI	0.01	0	0	0	\$146K	
53RD & STATE	Completed - Q2	SI	1.37	0.86	3	3	\$2.8M	
DRAKE & THOMAS WATER PROJECT	Completed - Q2	PI	1.44	0.91	206	322	\$2.28M	
SEWER 7442 - MICHIGAN & 47TH	Completed - Q2	PI	0.03	0.03	0	0	\$0.4M	
DAMEN & POTOMAC UMRI	Completed - Q2	SI	0.57	0.13	28	52	\$1.19M	
ARCHER & NAGLE UMRI	Completed - Q2	SI	0	0.37	64	82	\$1.06M	
5300 N OLCOTT	Completed - Q2	SI	0.25	0.24	47	46	\$0.55M	
SEWER 7542 - BELDEN & LEAVITT	Completed - Q2	PI	0.001	0.001	0	0	\$0.1M	
IOWA & LEAVITT UMRI	Completed - Q2	SI	0.19	0.17	0	0	\$1.36M	

\* 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. This information was unavailable at the time of publishing and will be updated in the next report.

**Appendix C - Progress towards Completion of Commission Requirements from the Engineering System Risk Study (Docket 18-1092)**

1. Pace of Replacement



Deliverable: Cost/Benefit analysis on system-wide Advanced Leak Detection

2. Natural Forces



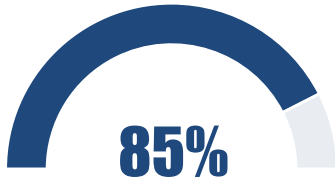
Deliverable: Annual narrative on Frost Depth Data (into GIS) from previous winter (and if any new predictive tool begins to influence MRI)

3. Corrosion



Deliverable: Annual update on the status of the incorporation of Kiefner's Predictive Corrosion Model into existing corrosion monitoring procedures

4. Enhanced Coupon Collection Procedure



Deliverable: Notification of completion of coupon preparation procedure

5. Coupon Location



Deliverable: Cost benefit analysis results for tool/equipment purchases

6. Neighborhood Ranking - Existing Model



Deliverable: NRM attribute evaluation results.

7. Neighborhood Ranking - Kiefner Models



Deliverable: Kiefner evaluation results

## Appendix C - Progress towards Completion of Commission Requirements from the Engineering System Risk Study (Docket 18-1092)

Task No.	Recommendation Description	Status Update
1	Pace of Replacement 100% Complete	<ul style="list-style-type: none"> <li>• Complete - No update</li> </ul>
2	Natural Forces 100% Complete	<ul style="list-style-type: none"> <li>• The 2021 frost depth data collection analysis is complete.</li> <li>• PGL's annual update regarding frost depth data collection is provided as an attachment to this report.</li> </ul>
3	Corrosion 100% Complete	<p>Annual Update:</p> <ul style="list-style-type: none"> <li>• Corrosion rates, for pipeline coupons obtained in 2020, have been calculated.</li> <li>• PGL has successfully run Kiefner's Predictive Corrosion model and will be evaluating the future use/implementation of the Predictive Corrosion Model throughout the rest of the year.</li> </ul>
4	Enhanced Coupon Collection Procedure 85% Complete	<ul style="list-style-type: none"> <li>• PGL plans to finalize coupon preparation procedural changes in Q4 of 2021.</li> </ul>
5	Coupon Location 100% Complete	<ul style="list-style-type: none"> <li>• Complete - No update</li> </ul>
6	Neighborhood Ranking - Existing Model 100% Complete	<ul style="list-style-type: none"> <li>• Complete - No update</li> </ul>
7	Neighborhood Ranking - Kiefner Models 100% Complete	<ul style="list-style-type: none"> <li>• Complete - No update</li> </ul>