



Digging a trench to install 18" main at 55th and Central.

The Peoples Gas Light and Coke Company  
Safety Modernization Program  
***ICC 2022 4<sup>th</sup> Quarter Report***

SMP Progress through: December 31, 2022

Published: February 14, 2023

## *Quarterly Highlights*

1. Peoples Gas made steady progress during the fourth quarter, including over 15 miles of main installed, 15 miles of main retired, approximately 1,600 services installed, and approximately 1,700 meters transferred in coordination with our customers.
2. Neighborhood work continues to progress efficiently, with cost per installed mile aligned with the plan.
3. As experienced throughout the global economy, issues related to supply chain and labor availability continued to pose challenges. SMP project teams are navigating these issues to keep critical natural gas system upgrades moving forward throughout Chicago. Peoples Gas created an innovative new program to train and hire seasonal project workers into full-time utility worker positions, expanding its talent pipeline of candidates for future positions.

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February 14, 2023

Illinois Commerce Commission  
527 East Capitol Ave.  
Springfield, IL 62701

Dear Chairman Zalewski and Commissioners Kimbrel, Carrigan and McCabe:

We are pleased to submit our 2022 fourth quarter report for the Peoples Gas Safety Modernization Program (SMP) in compliance with the ICC's order in docket 16-0376.

Last year, SMP crews installed 95 miles of modern natural gas main, 8,726 service lines and 11,502 gas meters, and retired 51 miles of outdated natural gas main. In all, SMP work included 135 projects across 17 Chicago neighborhoods in 2022.

SMP is now 35% complete. Since SMP launched in 2011, leaks have been dramatically reduced in neighborhoods where upgrades were completed. Additionally, hundreds of thousands of safety devices have been installed throughout the system to automatically stop the flow of natural gas in an emergency. These upgrades to our delivery system significantly reduce risk and help protect Chicagoans from the type of large-scale tragedies seen in other cities with aging natural gas networks.

In addition to enhancing safety, the reduction in leaks has drastically reduced methane emissions. From 2016 through 2021, SMP reduced methane emissions by 1,100 metric tons, equivalent to the greenhouse gas emissions of 71 million miles driven by the average gasoline-powered car. In 2021 alone, the 57.8 miles of cast iron pipe replaced by SMP will reduce methane emissions by 6,424 metric tons over 25 years — the equivalent of 160,594 tons of carbon dioxide.

Chicago's transition to a decarbonized future will be an enormous undertaking with many challenges. We believe the Peoples Gas delivery system will play a critical role in providing renewable and low-carbon fuels reliably and cost-effectively. Today, renewable natural gas, hydrogen, synthetic natural gas and other low-carbon fuels are being effectively delivered through pipe networks elsewhere. Continued research and development efforts in this area will only improve their production, distribution and utilization, and SMP will ensure Chicago is ready to take advantage of these new opportunities.

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

Sincerely,



Andy Hesselbach  
Senior Vice President — Gas Operations

## 2. Summary Observations & Analysis

Enclosed is Peoples Gas' Safety Modernization Program (SMP) fourth quarter 2022 Report. The information displayed on the pages that follow are actual results recorded from January 2022 through December 2022 as measured against the 2021 plan.

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 each year. In addition to this coordination and collaboration, market issues related to supply chain and labor availability as experienced throughout the global economy continue to pose challenges. Due to labor resource constraints, some individual projects have been deferred to 2023 in order to minimize the duration of construction-related disruption for customers. This deferral of projects has resulted in less installation and retirement being completed as compared to the annual plan and spending \$266M as compared to the \$300M planned.

Peoples Gas continues to address challenges, mitigate risks, and coordinate with various entities to efficiently progress critical system upgrades. Specific highlights include:

- Cost of neighborhood work per installed mile aligns with the planned rate, as shown on page 7.
- During the fourth quarter, main installation started in the Irving Woods Neighborhood and continued in 10 other neighborhoods throughout Chicago. See pages 7 – 9 for Neighborhood Program metrics.
- Installation work in the Public Improvement/System Improvement (PI/SI) portfolio of projects was less than planned for the year. This variance was primarily driven by a handful of projects which were impacted by requirements changing from other agencies the work is being coordinated with or intentionally delayed to 2023 due to limited labor resources to support the necessary meter moves. If the other agencies had moved forward with their work plans, PGL would have completed an additional 12% of main installation. See pages 10 – 12 for the PI/SI Program metrics.
- Total quantity of meter moves completed were less than planned. This variance was driven by overall labor availability challenges. Project teams continue to balance resource needs across compliance driven, customer driven, and construction related workloads. Metrics related to meter moves are on pages 13 and 14.
- The 2022 work under the High Pressure Program involved the completion of the Niles Gate Station, which supports the overall upgrade of the distribution system from low pressure to medium pressure. Additionally, during the fourth quarter, a vault installation project progressed. While the required cost per mile metric is included on page 15, we do not believe this metric is appropriate as a gauge to measure HP cost performance. Main installation accounted for a minority of the costs on the HP program and, as a result, the cost per mile metric does not reflect program performance.

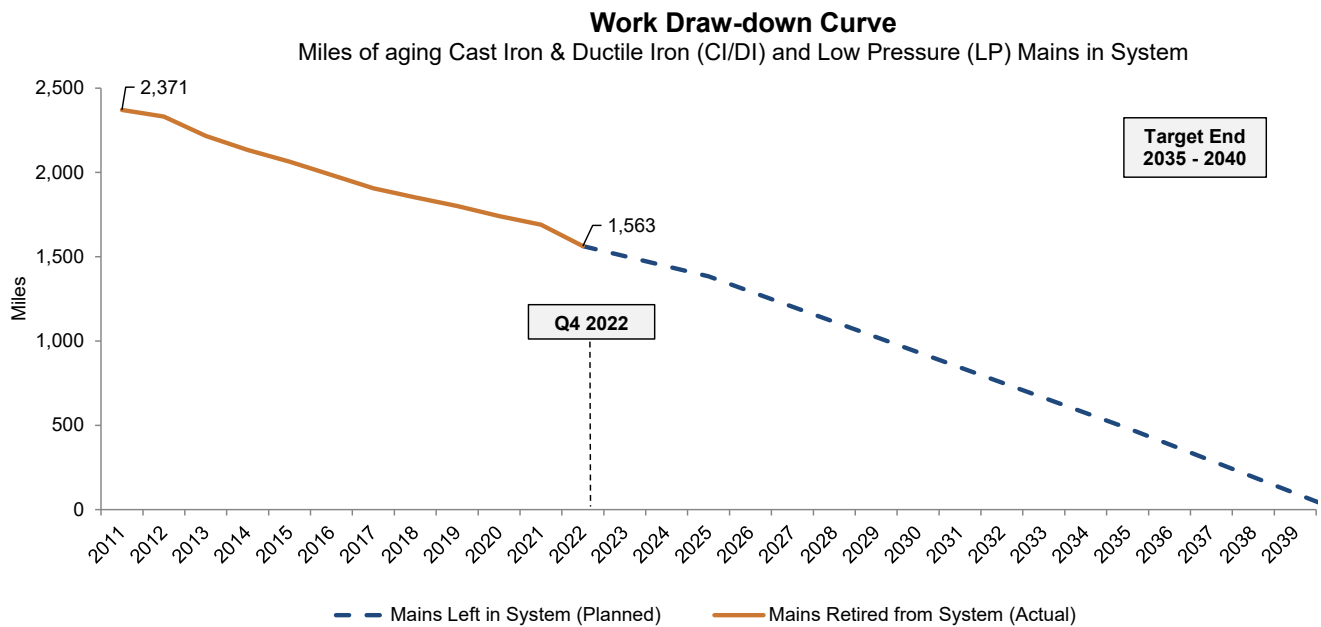
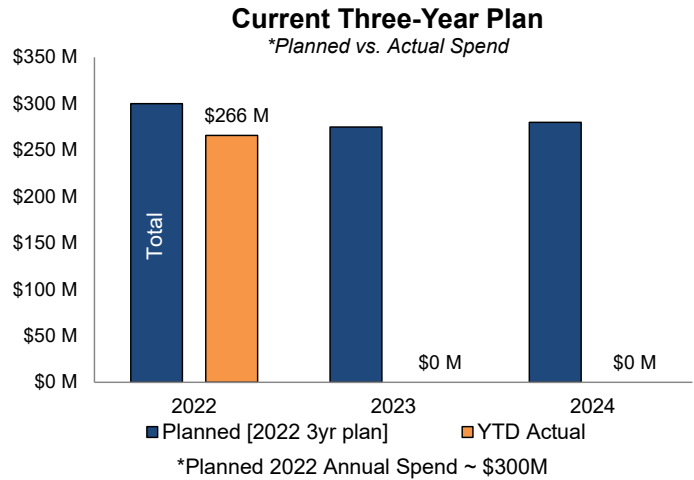
## 3. High Level Program Status

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

- 95.6 Miles Installed**
- 8,726 Services**
- 11,502 Meters**
- 50.9 Miles Retired**
- \$ 34.3 M Restoration Costs**

**Cost per  
mile  
Installed**

- \$ 2.0 M Neighborhood**
- \$ 4.2 M PI/SI**

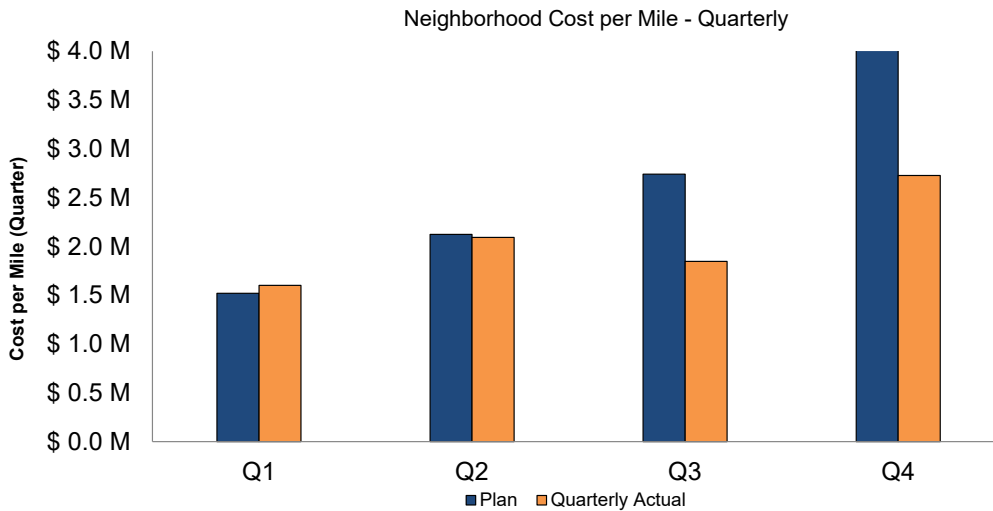
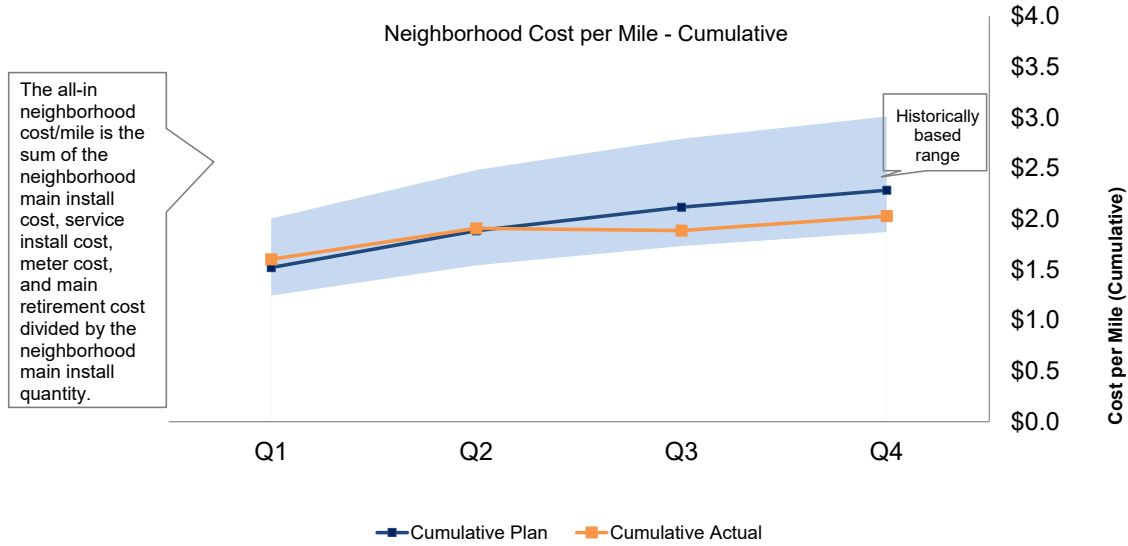


# Peoples Gas - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

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.

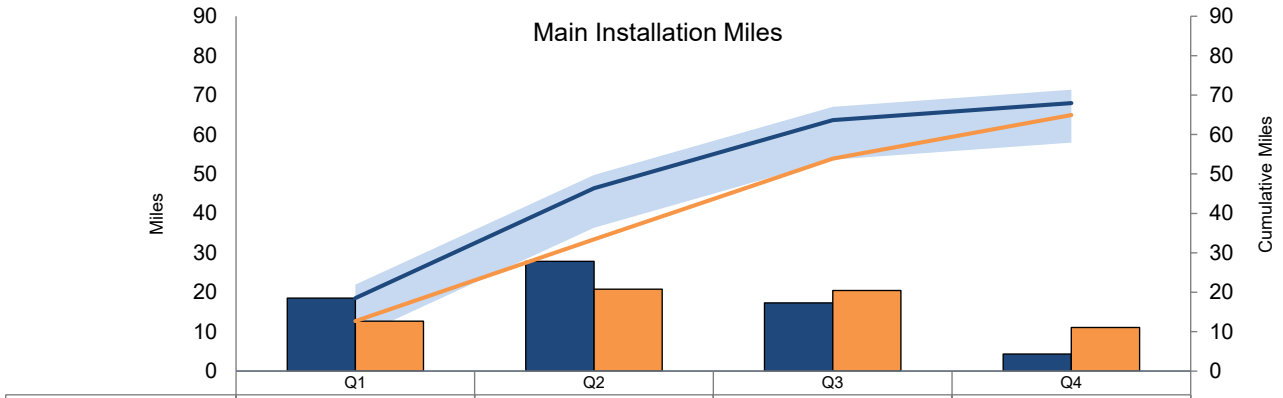
## 4A. Neighborhood Program Performance



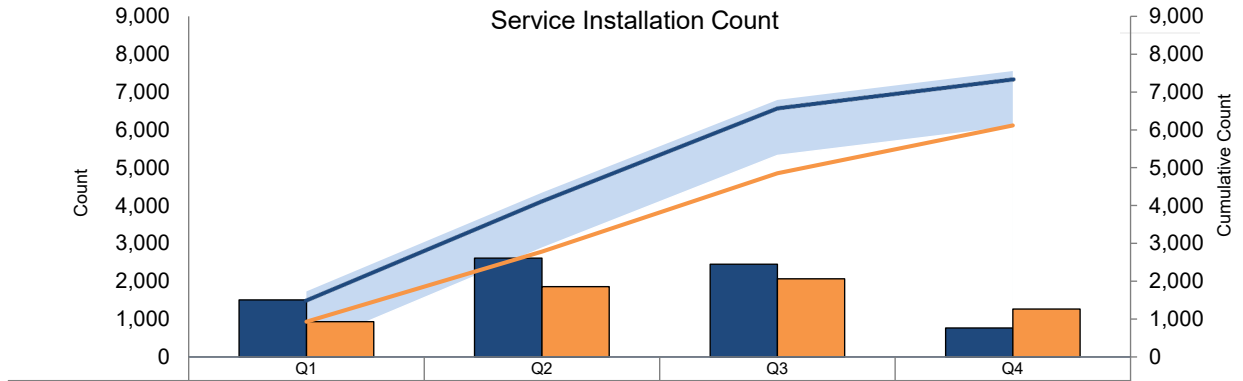
### Year-to-Date Numbers

	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>	\$ 89.3 M	68.0	\$1.3 M / install mile	\$ 84.8 M	64.9	\$1.3 M / install mile
<b>Main Retirement</b>	\$ 6.7 M	44.1	\$0.2 M / retire mile	\$ 6.5 M	32.5	\$0.2 M / retire mile
<b>Service Replacement</b>	\$ 35.1 M	7,335	\$4,785 / service	\$ 26.8 M	6,117	\$4,389 / service
<b>Meter Moves (allocation)</b>	\$ 24.1 M	10,968	\$2,197 / meter	\$ 13.5 M	7,016	\$1,920 / meter
<b>TOTAL</b>	<b>\$ 155.2 M</b>	<b>68.0</b>	<b>\$2.3 M / install mile</b>	<b>\$ 131.7 M</b>	<b>64.9</b>	<b>\$2.0 M / install mile</b>

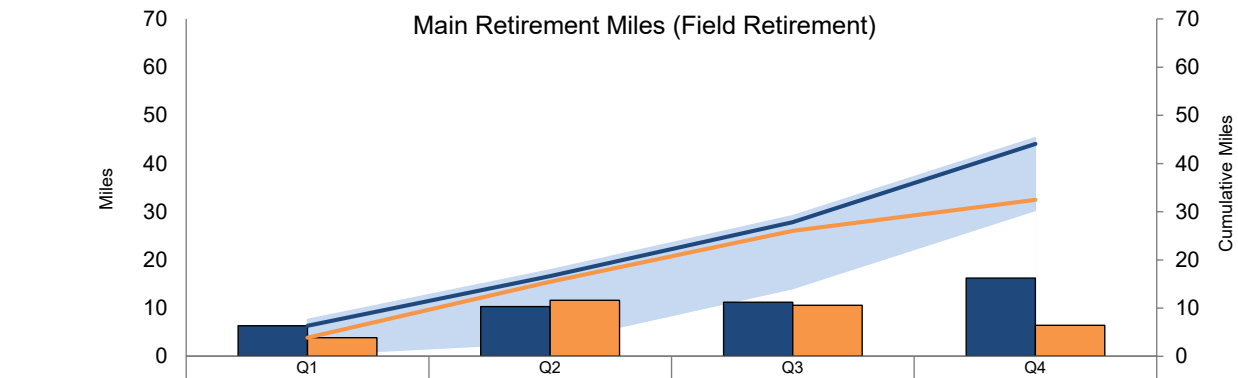
**4B. Neighborhood - Quantity Graphs**



Quarterly Plan	18.5	27.9	17.3	4.3
Quarterly Actual	12.7	20.8	20.5	11.0
Cumulative Plan	18.5	46.4	63.6	68.0
Cumulative Actual	12.7	33.4	53.9	64.9



Quarterly Plan	1,509	2,612	2,449	765
Quarterly Actual	931	1,855	2,065	1,266
Cumulative Plan	1,509	4,121	6,570	7,335
Cumulative Actual	931	2,786	4,851	6,117

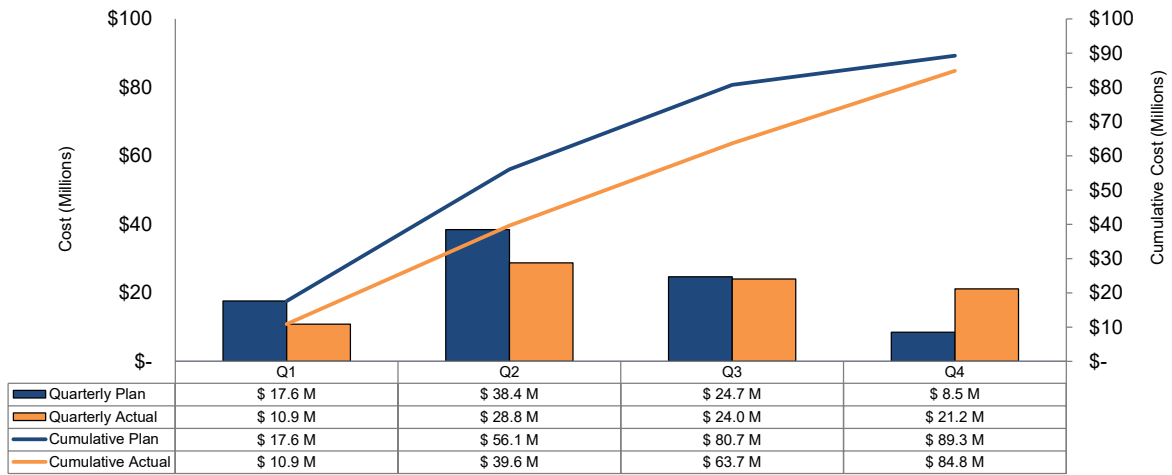


Quarterly Plan	6.3	10.3	11.2	16.2
Quarterly Actual	3.9	11.6	10.6	6.4
Cumulative Plan	6.3	16.6	27.8	44.1
Cumulative Actual	3.9	15.5	26.0	32.5

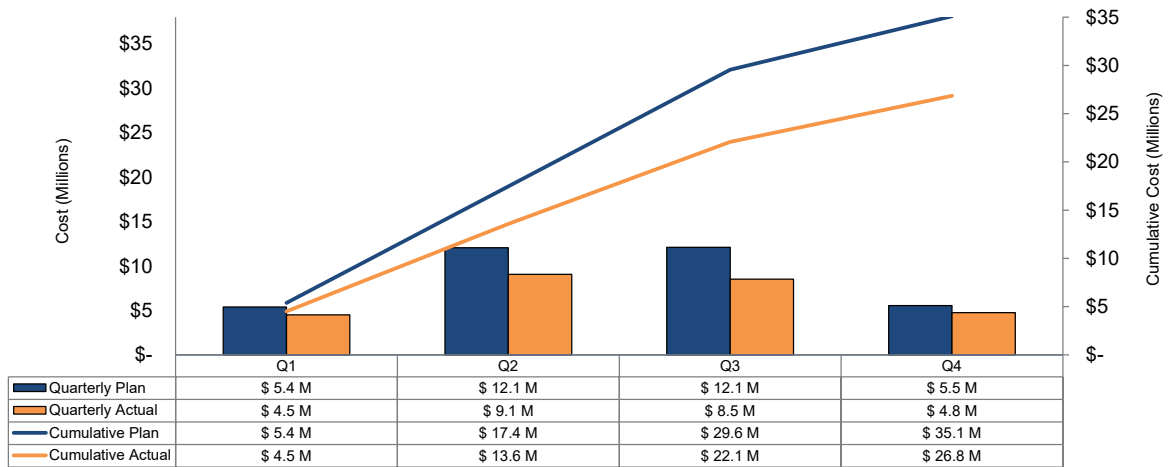


**4C. Neighborhood - Cost Graphs**

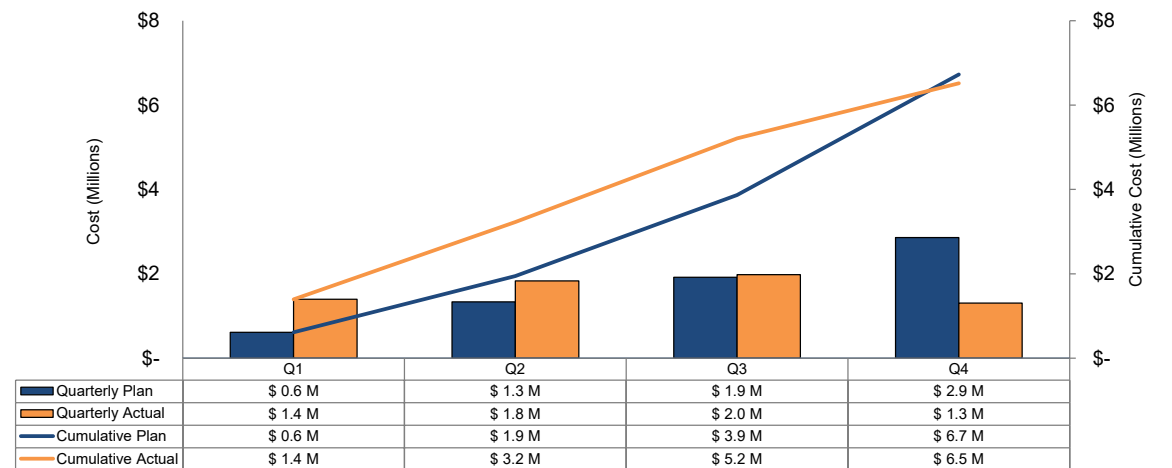
**Main Installation Cost (\$M)**



**Service Installation Cost (\$M)**

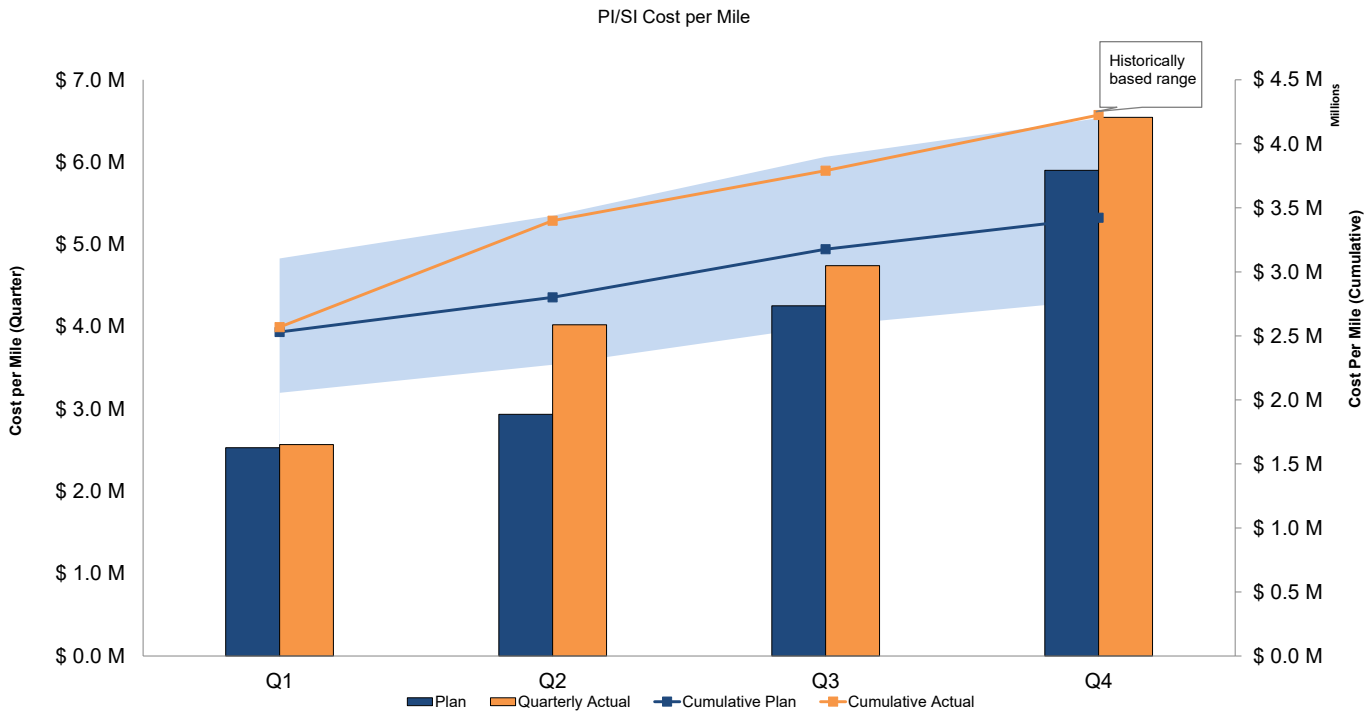


**Main Retirement Cost (Field Retirement) (\$M)**



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.

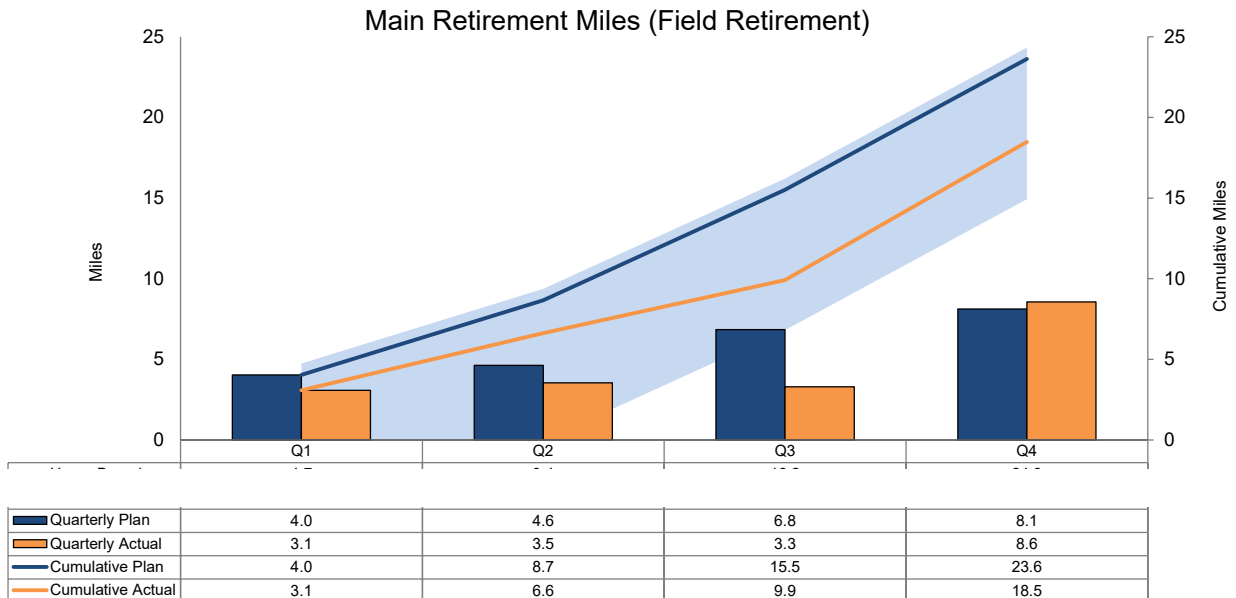
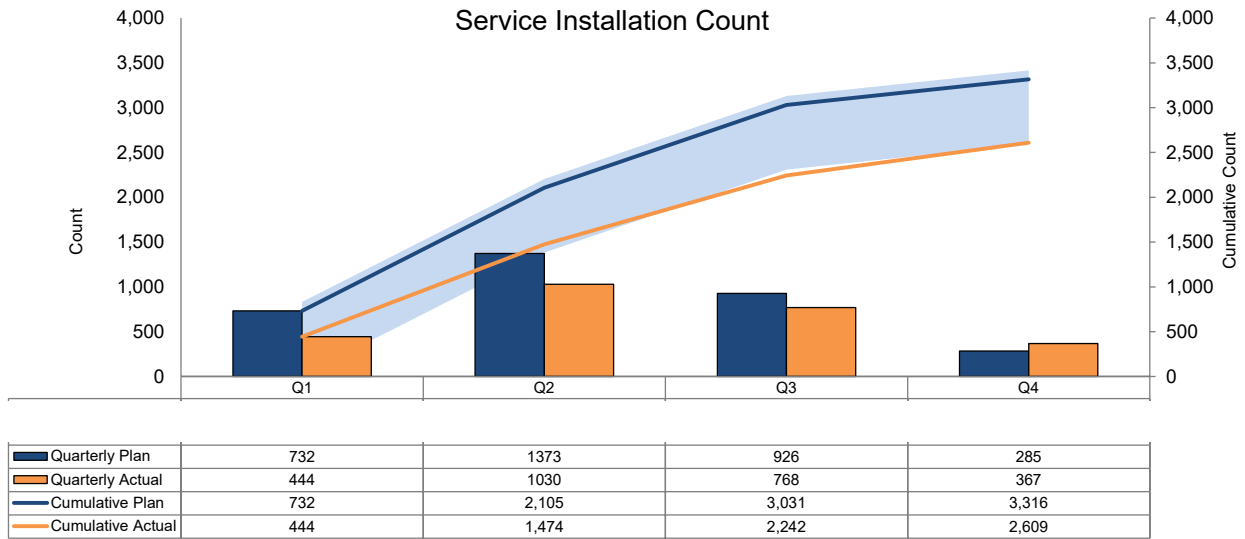
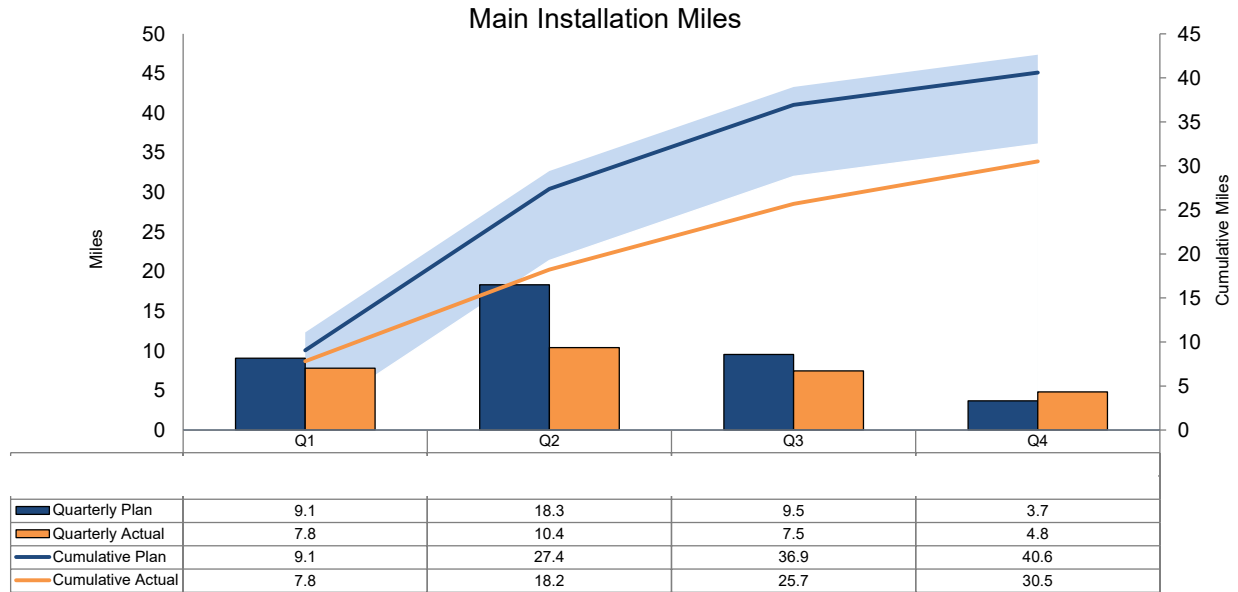
**5A. Public Improvement / System Improvement Program Performance**



**Year-to-Date Numbers**

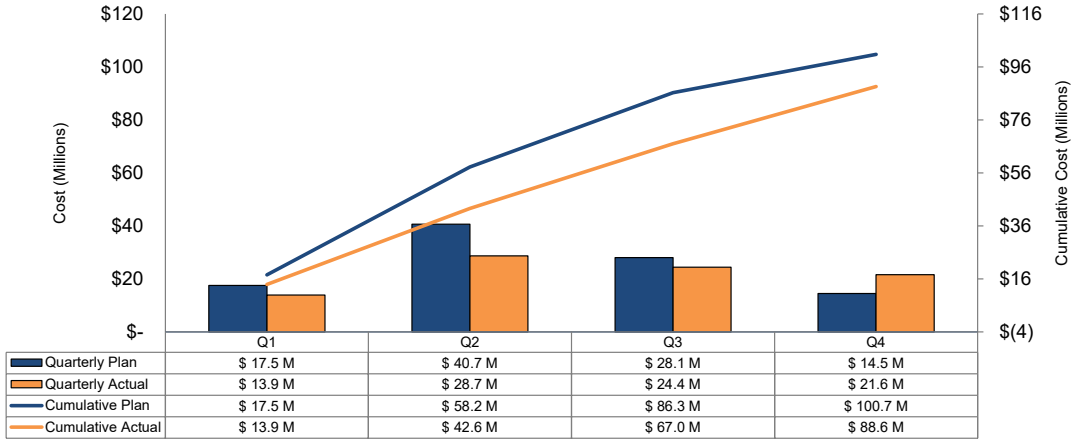
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Main Install</b>	\$ 100.7 M	40.6	\$2.5 M / install mile	\$ 88.6 M	30.5	\$2.9 M / install mile
<b>Main Retirement</b>	\$ 8.6 M	23.6	\$0.4 M / retire mile	\$ 14.2 M	18.5	\$0.8 M / retire mile
<b>Service Replacement</b>	\$ 15.6 M	3,316	\$4,704 / service	\$ 17.7 M	2,609	\$6,770 / service
<b>Meter Moves (allocation)</b>	\$ 14.1 M	6,509	\$2,164 / meter	\$ 8.5 M	4,486	\$1,892 / meter
<b>TOTAL</b>	<b>\$ 139.0 M</b>	<b>40.6</b>	<b>\$3.4 M / install mile</b>	<b>\$ 128.9 M</b>	<b>30.5</b>	<b>\$4.2 M / install mile</b>

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

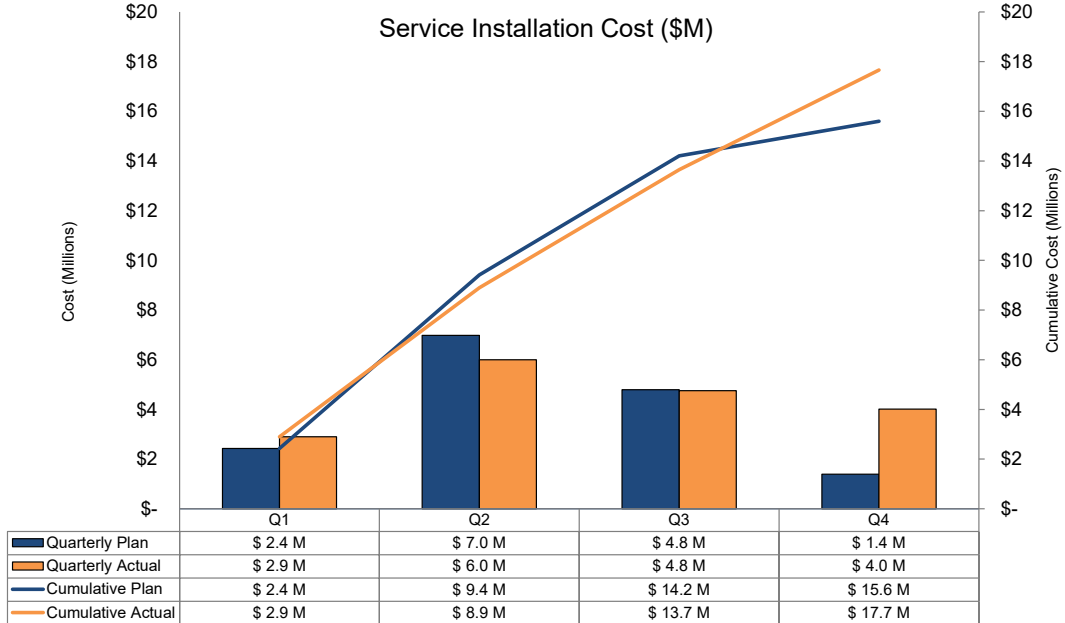


**5C. Public Improvement / System Improvement - Cost Graphs**

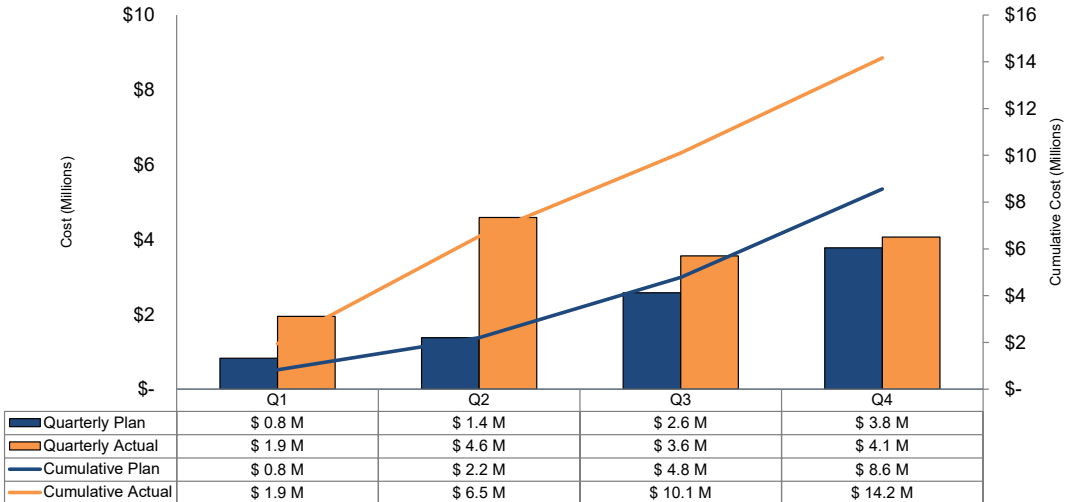
**Main Installation Cost (\$M)**



**Service Installation Cost (\$M)**

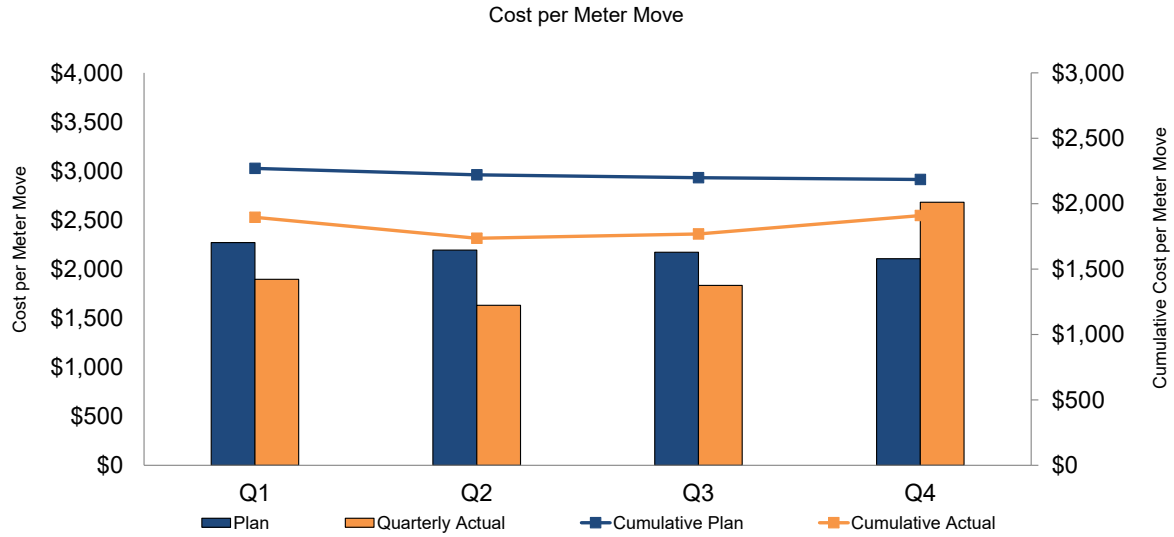


**Main Retirement Cost (Field Retirement) (\$M)**



Meter Moves – Costs associated with moving customer meters as part of the Safety Modernization Program.

**6A. Meter Moves Program Performance**

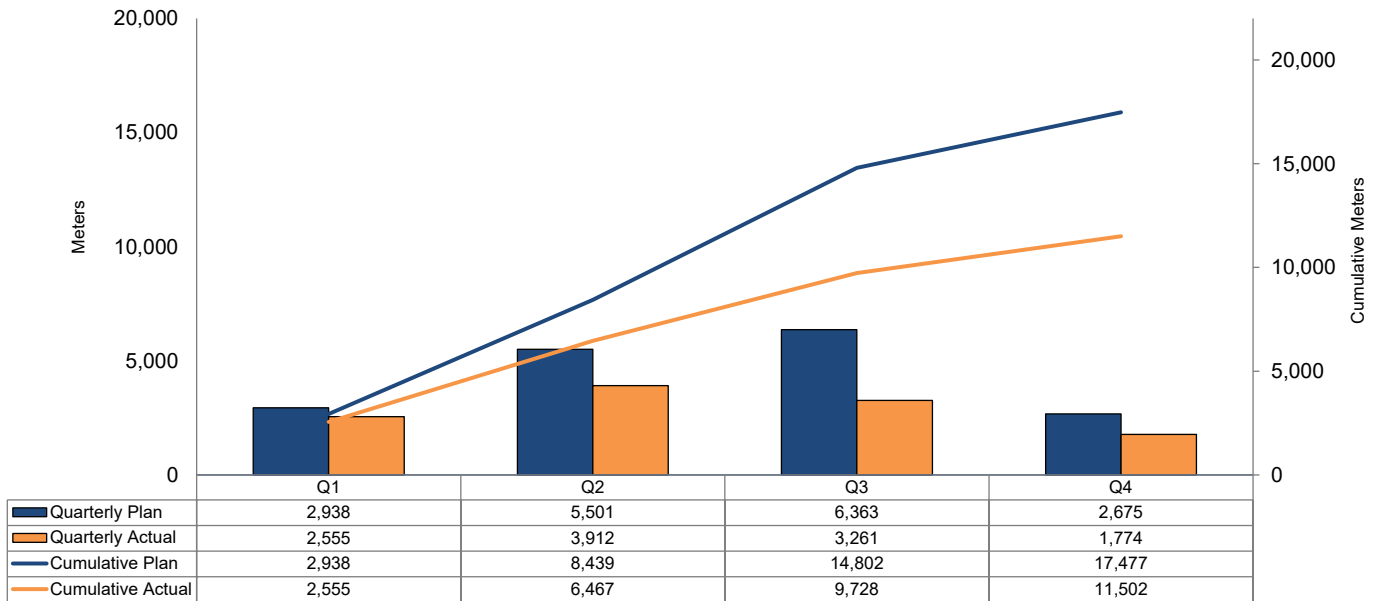


**Year-to-Date Numbers**

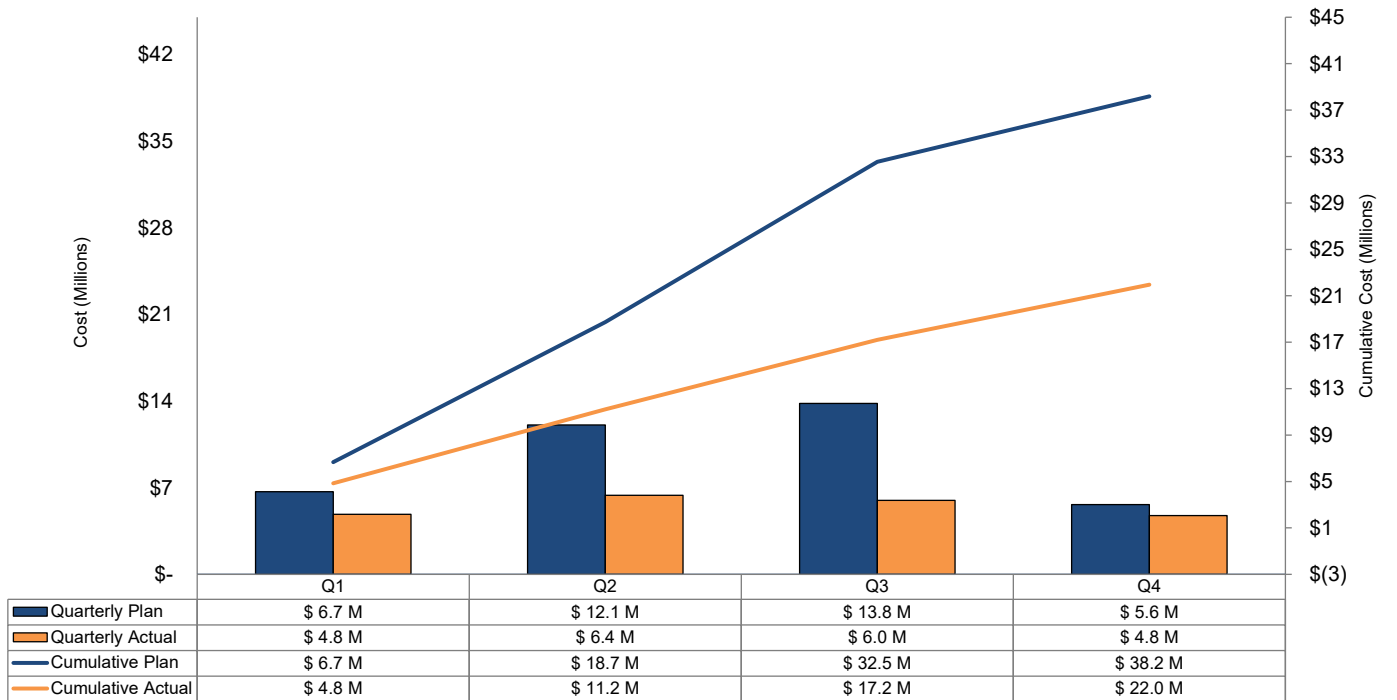
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
<b>Meter Moves (allocation)</b>	\$ 38.2 M	17,477	\$2,185 / meter	\$ 22.0 M	11,502	\$1,909 / meter

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

Meter Quantity



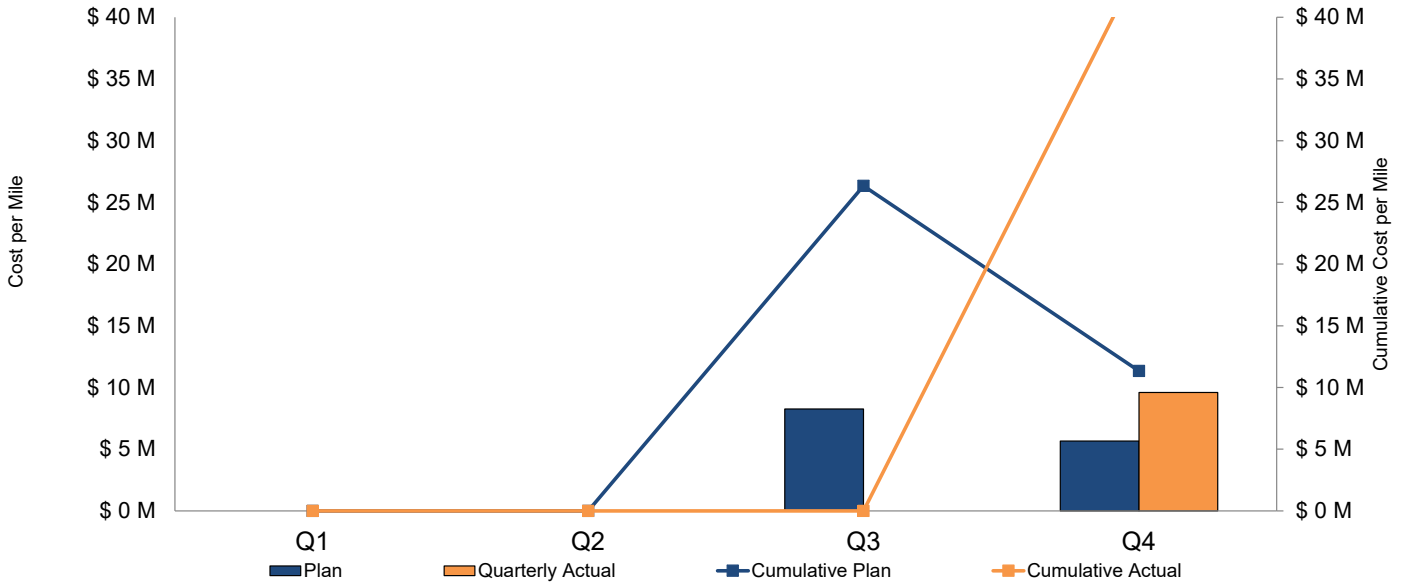
Meter Cost (\$M)



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



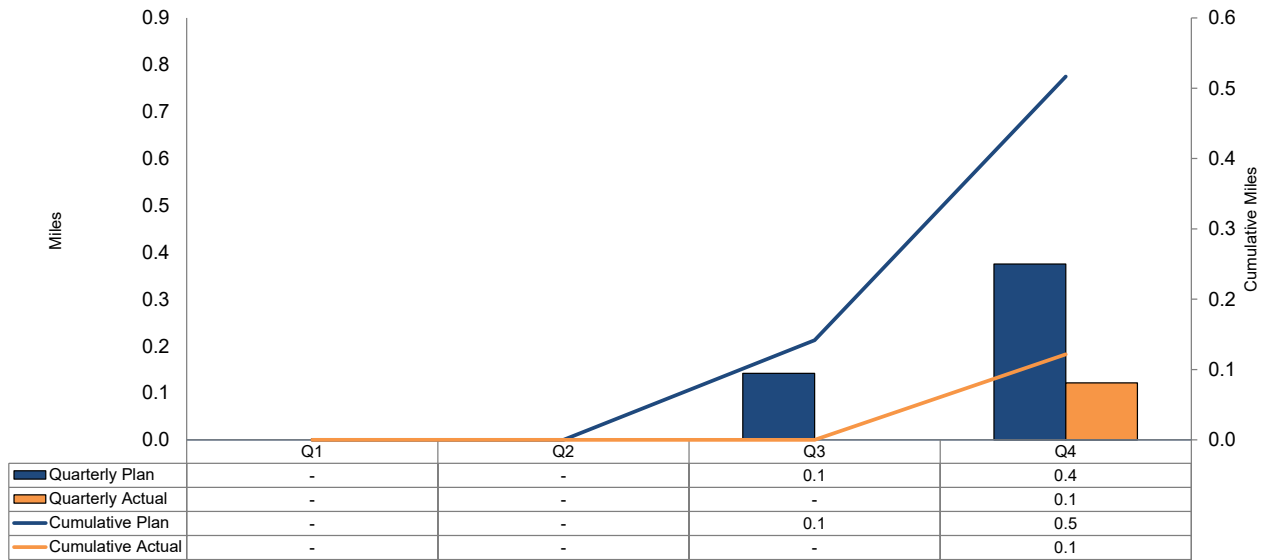
**Year-to-Date Numbers**

	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>	\$ 5.9 M	0.52	n/a	\$ 5.4 M	0.12	n/a

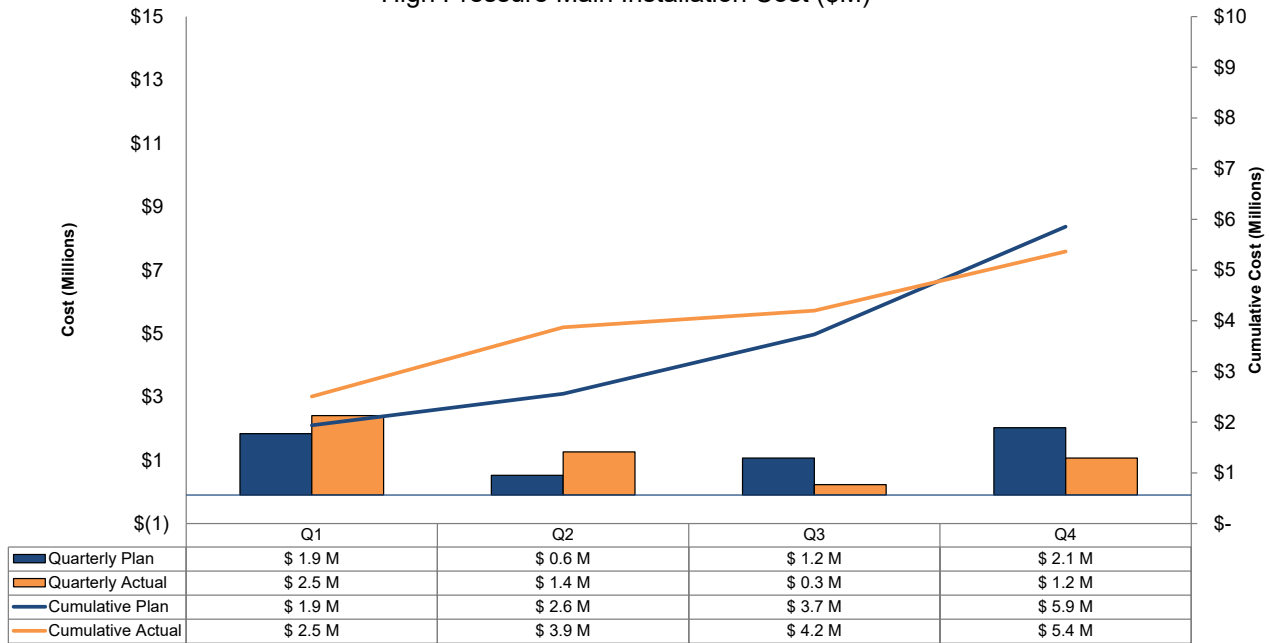
The High Pressure Program work this year involves the completion of a gate station, construction of a vault, and the start of a high pressure main installation. The cost per mile metric is not representative of most of the work being executed this year because of the nature of the work – it does not include stretches of main installation.

**7B. High Pressure Main Installation**

High Pressure Main Installation Quantity



High Pressure Main Installation Cost (\$M)





# Peoples Gas - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## 8A. Disconnection Metrics

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

	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	YTD Total
Res Heating -Low Income <sup>(1),(2)</sup>	-	-	-	6	7	5	13	1	14	3	1	-	50
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	-	1,124	1,396	2,019	1,948	2,703	3,312	1,608	512	-	14,622
Res Non-Heating	-	-	-	20	25	68	110	142	234	101	38	-	738
Non Residential	49	196	291	72	81	130	97	200	162	164	32	5	1,479
<b>Total</b>	<b>49</b>	<b>196</b>	<b>291</b>	<b>1,222</b>	<b>1,509</b>	<b>2,222</b>	<b>2,168</b>	<b>3,046</b>	<b>3,722</b>	<b>1,876</b>	<b>583</b>	<b>5</b>	<b>16,889</b>

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

	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	YTD Total
Res Heating -Low Income <sup>(1),(2)</sup>	-	-	-	0.0007%	0.0009%	0.0006%	0.0016%	0.0001%	0.0017%	0.0004%	0.0001%	-	0.0062%
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	-	0.1399%	0.1737%	0.2512%	0.2424%	0.3364%	0.4121%	0.2001%	0.0637%	-	1.8195%
Res Non-Heating	-	-	-	0.0025%	0.0031%	0.0085%	0.0137%	0.0177%	0.0291%	0.0126%	0.0047%	-	0.0918%
Non-Residential	0.0623%	0.2491%	0.3698%	0.0915%	0.1029%	0.1652%	0.1233%	0.2542%	0.2059%	0.2084%	0.0407%	0.0064%	1.8797%

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

	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	YTD Total
Res Heating -Low Income <sup>(1),(2)</sup>	-	-	73	618	1,447	407	124	198	490	570	298	-	4,225
Res Heating -Not-Low Income <sup>(1)</sup>	-	-	7,999	16,547	33,631	30,749	30,411	34,730	32,841	35,808	16,449	-	239,165
Res Non-Heating	-	-	488	1,180	2,298	2,726	3,338	4,123	4,657	6,540	3,641	-	28,991
Non Residential	2,836	3,247	4,900	4,890	4,420	3,541	3,291	3,132	3,139	3,413	2,793	2,814	42,416
<b>Total</b>	<b>2,836</b>	<b>3,247</b>	<b>13,460</b>	<b>23,235</b>	<b>41,796</b>	<b>37,423</b>	<b>37,164</b>	<b>42,183</b>	<b>41,127</b>	<b>46,331</b>	<b>23,181</b>	<b>2,814</b>	<b>314,797</b>

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

	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	YTD Total
Res Heating -Low Income <sup>(1)</sup>	53	16	16	49	125	136	44	15	213	305	310	107	1,389
Res Heating -Not-Low Income <sup>(1)</sup>	149	58	46	181	252	479	570	809	916	929	772	208	5,369
Res Non-Heating	8	2	4	6	6	6	11	12	20	35	25	12	147
Non Residential	42	84	171	69	42	26	30	41	65	148	92	50	860
<b>Total</b>	<b>252</b>	<b>160</b>	<b>237</b>	<b>305</b>	<b>425</b>	<b>647</b>	<b>655</b>	<b>877</b>	<b>1,214</b>	<b>1,417</b>	<b>1,199</b>	<b>377</b>	<b>7,765</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>Low income customers shown as being disconnected or receiving a disconnection notice had not been categorized as low income at the time of the collection event during the moratorium period.

<sup>(3)</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 - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## 8B. Uncollectibles Metrics

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

	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2021-07	2022-08	2022-09	2022-10	2022-11	2022-12	YTD Total
S.C. 1 Heating - Low Income <sup>(1)</sup>	\$ 28,140.38	\$ 41,308.43	\$ 43,801.26	\$ 49,797.62	\$ 61,576.88	\$ 55,737.49	\$ 55,083.51	\$ 135,192.69	\$ 98,358.67	\$ 186,501.95	\$ 331,945.62	\$ 272,818.62	\$ 1,360,263.12
S.C. 1 Heating - Not Low Income <sup>(1)</sup>	\$ 5,609,931.61	\$ 7,076,377.27	\$ 6,241,217.46	\$ 5,173,576.31	\$ 3,650,591.02	\$ 1,661,452.09	\$ 1,110,193.38	\$ 2,682,763.60	\$ 2,139,356.01	\$ 3,753,990.30	\$ 5,585,704.95	\$ 4,970,711.88	\$ 49,655,865.88
S.C. 1 Non-Heating	\$ 173,587.82	\$ 368,305.93	\$ 353,703.94	\$ 304,358.53	\$ 263,162.48	\$ 139,304.19	\$ 102,425.24	\$ 134,767.73	\$ 136,751.67	\$ 179,620.72	\$ 220,245.28	\$ 228,028.30	\$ 2,604,261.83
S.C. 2	\$ 388,337.12	\$ 306,225.38	\$ 233,781.87	\$ 218,932.12	\$ 20,654.76	\$ 162,554.07	\$ 1,331,689.41	\$ 333,123.25	\$ 533,989.87	\$ 357,387.23	\$ 455,017.24	\$ 489,859.06	\$ 4,831,551.38
S.C. 4	\$ -	\$ -	\$ 26.77	\$ -	\$ -	\$ -	\$ 17.96	\$ 18.17	\$ 3,318.35	\$ -	\$ (5,592.72)	\$ (26.76)	\$ (2,238.23)
S.C. 8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 812.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 624.17	\$ 1,436.69
<b>Total</b>	<b>\$ 6,199,996.93</b>	<b>\$ 7,792,217.01</b>	<b>\$ 6,872,531.30</b>	<b>\$ 5,746,664.58</b>	<b>\$ 3,995,985.14</b>	<b>\$ 2,019,860.36</b>	<b>\$ 2,599,409.50</b>	<b>\$ 3,285,865.44</b>	<b>\$ 2,911,774.57</b>	<b>\$ 4,477,500.20</b>	<b>\$ 6,587,320.37</b>	<b>\$ 5,962,015.27</b>	<b>\$ 58,451,140.67</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>Uncollectibles is defined as net write offs (write offs less recoveries).

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

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

**8C. Bill Impact Metrics - October 2022**

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 Sales</b>											
2	S. C. 1 Non-Htg	1,072,575	95,124	11	\$ 1,740,847	\$ 645,728	\$ 1,150,307	\$ 116,011	\$ 57,428	\$ 335,025	\$ 4,045,346
3	S. C. 1 Heating	36,325,530	666,309	55	\$ 30,336,493	\$ 11,277,951	\$ 38,884,686	\$ 3,365,600	\$ 405,820	\$ 7,900,339	\$ 92,170,889
4	S. C. 2	16,105,914	60,178	268	7,413,734	2,729,438	17,275,978	1,168,032	364,453	2,927,843	31,879,478
5	S. C. 4	269,866	8	4	77,113	28,596	289,811	13,851	53	33,963	443,386
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	1,467	9	163	2,497	929	1,573	508	57	499	6,062
<b>8 Total Sales</b>		<b>53,775,352</b>	<b>821,628</b>		<b>\$ 39,570,683</b>	<b>\$ 14,682,641</b>	<b>\$ 57,602,355</b>	<b>\$ 4,664,002</b>	<b>\$ 827,811</b>	<b>\$ 11,197,669</b>	<b>\$ 128,545,161</b>
<b>9 Transportation</b>											
10	S. C. 1 Non-Htg	39,564	5,798	7	102,243	37,948	1,388	2,526	3,506	15,690	163,301
11	S. C. 1 Heating	1,455,098	30,366	48	1,340,502	497,819	96,452	94,459	18,501	297,731	2,345,464
12	S. C. 2	24,190,246	16,484	1,467	6,828,165	2,542,183	968,421	1,300,303	99,251	2,885,339	14,623,661
13	S. C. 4	16,916,467	137	123,478	2,305,671	858,197	164,610	767,252	2,625	1,549,945	5,648,301
14	S. C. 5 / 7	1,683,871	2	841,935	128,498	-	-	38,055	-	-	166,553
15	S. C. 8	45,714	3	15,238	6,588	2,392	415	2,260	18	4,867	16,540
16	Contract and Pool	-	-	-	76,642	16,177	116,023	-	-	14,175	223,017
<b>17 Total Transportation</b>		<b>44,330,960</b>	<b>52,790</b>		<b>\$ 10,788,309</b>	<b>\$ 3,954,715</b>	<b>\$ 1,347,309</b>	<b>\$ 2,204,855</b>	<b>\$ 123,900</b>	<b>\$ 4,767,747</b>	<b>\$ 23,186,836</b>
<b>18 Sales and Transportation</b>											
19	S. C. 1 Non-Htg	1,112,140	100,922	11	1,843,089	683,676	1,151,695	118,537	60,934	350,715	4,208,646
20	S. C. 1 Heating	37,780,629	696,675	54	31,676,995	11,775,770	38,981,138	3,460,059	424,321	8,198,070	94,516,353
21	S. C. 2	40,296,160	76,662	526	14,241,899	5,271,620	18,244,399	2,468,335	463,703	5,813,182	46,503,138
22	S. C. 4	17,186,333	145	118,526	2,382,784	886,793	454,421	781,103	2,678	1,583,908	6,091,687
23	S. C. 5 / 7	1,683,871	3	561,290	128,498	-	-	38,055	-	-	166,553
24	S. C. 8	47,181	12	3,932	9,085	3,321	1,987	2,767	75	5,366	22,602
25	Contract and Pool	-	-	-	76,642	16,177	116,023	-	-	14,175	223,017
<b>26 Total Sales and Transportation</b>		<b>98,106,312</b>	<b>874,419</b>		<b>\$ 50,358,993</b>	<b>\$ 18,637,356</b>	<b>\$ 58,949,664</b>	<b>\$ 6,868,857</b>	<b>\$ 951,711</b>	<b>\$ 15,965,416</b>	<b>\$ 151,731,997</b>
<b>27 Add: Other Revenues <sup>(9)</sup></b>											<b>\$ (45,458,037)</b>
<b>28 Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>											<b>\$ 106,273,960</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 531,460 therms.  
 (2) Number of customers at October 18, 2022.  
 (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 - Safety Modernization Program *Quarterly Report***

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

**8C. Bill Impact Metrics - November 2022**

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	689,532	95,447	7	\$ 1,720,335	\$ 476,687	\$ 335,512	\$ 60,216	\$ 58,878	\$ 223,564	\$ 2,875,192
3	S. C. 1 Heating	68,003,722	670,288	101	\$ 37,825,311	\$ 10,636,818	\$ 49,099,541	\$ 4,873,257	\$ 415,386	\$ 10,204,800	\$ 113,055,112
4	S. C. 2	28,492,287	60,587	470	9,952,008	2,778,998	20,057,700	1,842,847	371,798	3,431,415	38,434,766
5	S. C. 4	305,625	7	5	37,948	7,943	203,348	14,434	19	21,315	285,007
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	2,433	12	203	2,114	474	1,848	447	71	617	5,572
<b>8</b>	<b>Total Sales</b>	<b>97,493,598</b>	<b>826,341</b>		<b>\$ 49,537,716</b>	<b>\$ 13,900,920</b>	<b>\$ 69,697,950</b>	<b>\$ 6,791,201</b>	<b>\$ 846,152</b>	<b>\$ 13,881,711</b>	<b>\$ 154,655,649</b>
<b>9</b>	<b>Transportation</b>										
10	S. C. 1 Non-Htg	57,146	5,777	10	105,145	29,445	1,665	3,196	3,656	17,342	160,448
11	S. C. 1 Heating	3,192,228	30,188	106	1,675,659	476,144	114,466	160,918	18,885	484,713	2,930,786
12	S. C. 2	42,204,761	16,520	2,555	9,325,348	2,606,894	1,121,780	2,228,376	100,417	4,775,397	20,158,212
13	S. C. 4	20,742,159	138	150,305	2,525,246	703,842	195,634	928,820	2,616	1,708,885	6,065,044
14	S. C. 5 / 7	2,252,191	2	1,126,095	160,509	-	-	48,898	448	26,694	236,549
15	S. C. 8	19,132	3	6,377	3,294	782	480	1,012	18	2,064	7,649
16	Contract and Pool	-	-	-	109,478	12,013	82,100	-	-	(74,484)	129,107
<b>17</b>	<b>Total Transportation</b>	<b>68,467,617</b>	<b>52,628</b>		<b>\$ 13,904,680</b>	<b>\$ 3,829,120</b>	<b>\$ 1,516,126</b>	<b>\$ 3,371,220</b>	<b>\$ 126,040</b>	<b>\$ 6,940,610</b>	<b>\$ 29,687,794</b>
<b>18</b>	<b>Sales and Transportation</b>										
19	S. C. 1 Non-Htg	746,678	101,224	7	1,825,480	506,132	337,176	63,412	62,534	240,906	3,035,640
20	S. C. 1 Heating	71,195,950	700,476	102	39,500,970	11,112,962	49,214,007	5,034,175	434,271	10,689,512	115,985,898
21	S. C. 2	70,697,049	77,107	917	19,277,357	5,385,892	21,179,480	4,071,223	472,214	8,206,812	58,592,978
22	S. C. 4	21,047,783	145	145,157	2,563,194	711,785	398,983	943,254	2,635	1,730,199	6,350,050
23	S. C. 5 / 7	2,252,191	3	750,730	160,509	-	-	48,898	448	26,694	236,549
24	S. C. 8	21,564	15	1,438	5,407	1,256	2,329	1,459	89	2,681	13,221
25	Contract and Pool	-	-	-	109,478	12,013	82,100	-	-	(74,484)	129,107
<b>26</b>	<b>Total Sales and Transportation</b>	<b>165,961,215</b>	<b>878,970</b>		<b>\$ 63,442,396</b>	<b>\$ 17,730,039</b>	<b>\$ 71,214,075</b>	<b>\$ 10,162,421</b>	<b>\$ 972,191</b>	<b>\$ 20,822,320</b>	<b>\$ 184,343,443</b>
<b>27</b>	<b>Add: Other Revenues <sup>(9)</sup></b>										<b>\$ (9,327,530)</b>
<b>28</b>	<b>Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>										<b>\$ 175,015,913</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 495,470 therms.  
 (2) Number of customers at November 16, 2022.  
 (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 - Safety Modernization Program *Quarterly Report***

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

**8C. Bill Impact Metrics - December 2022**

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	2,375,485	95,600	25	\$ 1,924,936	\$ 434,981	\$ 1,279,567	\$ 175,566	\$ 57,639	\$ 395,451	\$ 4,268,139
3	S. C. 1 Heating	118,111,278	674,209	175	\$ 48,430,442	\$ 11,043,528	\$ 65,676,915	\$ 7,406,836	\$ 404,983	\$ 13,922,723	\$ 146,885,427
4	S. C. 2	46,299,473	60,954	760	13,333,856	3,048,569	25,529,951	2,904,817	365,521	4,837,956	50,020,669
5	S. C. 4	441,105	7	7	60,825	13,747	251,185	21,275	39	44,387	391,459
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	3,142	12	262	2,634	562	1,741	563	62	580	6,141
<b>8</b>	<b>Total Sales</b>	<b>167,230,484</b>	<b>830,782</b>		<b>\$ 63,752,692</b>	<b>\$ 14,541,386</b>	<b>\$ 92,739,359</b>	<b>\$ 10,509,058</b>	<b>\$ 828,244</b>	<b>\$ 19,201,096</b>	<b>\$ 201,571,836</b>
<b>9</b>	<b>Transportation</b>										
10	S. C. 1 Non-Htg	82,365	5,872	14	107,644	24,360	1,545	4,270	3,590	19,177	160,586
11	S. C. 1 Heating	6,220,127	30,393	205	2,205,125	506,243	99,613	283,165	18,203	802,672	3,915,020
12	S. C. 2	65,521,309	16,734	3,915	12,061,222	2,744,992	1,068,137	3,540,224	101,842	6,343,008	25,859,424
13	S. C. 4	26,221,978	138	190,014	3,030,911	674,947	183,277	1,181,294	3,141	1,896,714	6,970,285
14	S. C. 5 / 7	3,274,928	2	1,637,464	245,416	-	-	66,100	448	63,675	375,640
15	S. C. 8	79,159	3	26,386	10,734	2,536	426	3,877	18	8,297	25,887
16	Contract and Pool	-	-	-	125,194	25,007	347,400	-	-	28,494	526,095
<b>17</b>	<b>Total Transportation</b>	<b>101,399,865</b>	<b>53,142</b>		<b>\$ 17,786,246</b>	<b>\$ 3,978,086</b>	<b>\$ 1,700,397</b>	<b>\$ 5,078,929</b>	<b>\$ 127,242</b>	<b>\$ 9,162,037</b>	<b>\$ 37,832,938</b>
<b>18</b>	<b>Sales and Transportation</b>										
19	S. C. 1 Non-Htg	2,457,850	101,472	24	2,032,580	459,341	1,281,111	179,836	61,230	414,628	4,428,725
20	S. C. 1 Heating	124,331,405	704,602	176	50,635,567	11,549,771	65,776,528	7,690,001	423,186	14,725,394	150,800,448
21	S. C. 2	111,820,782	77,688	1,439	25,395,078	5,793,561	26,598,087	6,445,041	467,362	11,180,963	75,880,094
22	S. C. 4	26,663,083	145	183,883	3,091,736	688,694	434,463	1,202,569	3,181	1,941,101	7,361,743
23	S. C. 5 / 7	3,274,928	3	1,091,643	245,416	-	-	66,100	448	63,675	375,640
24	S. C. 8	82,301	15	5,487	13,367	3,098	2,166	4,440	80	8,877	32,028
25	Contract and Pool	-	-	-	125,194	25,007	347,400	-	-	28,494	526,095
<b>26</b>	<b>Total Sales and Transportation</b>	<b>268,630,349</b>	<b>883,925</b>		<b>\$ 81,538,938</b>	<b>\$ 18,519,472</b>	<b>\$ 94,439,756</b>	<b>\$ 15,587,987</b>	<b>\$ 955,487</b>	<b>\$ 28,363,133</b>	<b>\$ 239,404,773</b>
<b>27</b>	<b>Add: Other Revenues<sup>(9)</sup></b>										<b>\$ 10,871,890</b>
<b>28</b>	<b>Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)</b>										<b>\$ 250,276,663</b>

\* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 358,540 therms.  
 (2) Number of customers at December 16, 2022.  
 (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 - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## 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>	202.71	\$ 77.47	\$ 12.98	\$ 112.42	\$ 9.43	\$ 0.55	\$ 22.62	\$ 235.47
<b>February</b>	175.29	\$ 71.95	\$ 12.99	\$ 104.44	\$ 8.74	\$ 0.55	\$ 20.78	\$ 219.45
<b>March</b>	131.58	\$ 62.42	\$ 13.34	\$ 79.05	\$ 7.02	\$ 0.55	\$ 16.70	\$ 179.08
<b>April</b>	81.20	\$ 51.63	\$ 14.85	\$ 49.74	\$ 5.24	\$ 0.55	\$ 12.12	\$ 134.13
<b>May</b>	36.80	\$ 42.01	\$ 15.14	\$ 36.52	\$ 3.49	\$ 0.55	\$ 9.03	\$ 106.74
<b>June</b>	25.33	\$ 37.96	\$ 14.52	\$ 29.82	\$ 2.91	\$ 0.59	\$ 7.76	\$ 93.56
<b>July</b>	20.63	\$ 36.91	\$ 14.99	\$ 25.82	\$ 2.65	\$ 0.59	\$ 7.25	\$ 88.21
<b>August</b>	17.21	\$ 36.14	\$ 15.08	\$ 19.34	\$ 2.35	\$ 0.59	\$ 6.54	\$ 80.04
<b>September</b>	21.96	\$ 37.09	\$ 15.31	\$ 23.00	\$ 2.73	\$ 0.59	\$ 7.09	\$ 85.81
<b>October</b>	49.62	\$ 43.26	\$ 16.07	\$ 53.24	\$ 4.67	\$ 0.59	\$ 11.02	\$ 128.85
<b>November</b>	114.67	\$ 57.78	\$ 16.12	\$ 81.60	\$ 7.95	\$ 0.59	\$ 16.43	\$ 180.47
<b>December</b>	168.72	\$ 69.84	\$ 15.98	\$ 93.25	\$ 10.60	\$ 0.59	\$ 19.92	\$ 210.18
<b>Calendar Year</b>	1,045.72	\$ 624.46	\$ 177.36	\$ 708.24	\$ 67.78	\$ 6.88	\$ 157.26	\$ 1,741.99

#### Notes:

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

<sup>(2)</sup>Base Rate charges in effect and include Rider UEA, Rider VBA, Rider SSC, Rider TPTFA, 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 - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## 8D. Safety 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<sup>(3)</sup></b>	\$ 10,606,374.77	\$ 10,587,782.13	100.2%	\$ 12.98	\$ 13.00
<b>February</b>	\$ 11,975,135.61	\$ 11,975,135.61	100.0%	\$ 12.99	\$ 12.99
<b>March</b>	\$ 20,310,759.08	\$ 20,310,759.08	100.0%	\$ 13.34	\$ 13.34
<b>April</b>	\$ 30,469,586.29	\$ 30,469,586.29	100.0%	\$ 14.85	\$ 14.85
<b>May</b>	\$ 29,798,741.68	\$ 29,798,741.68	100.0%	\$ 15.14	\$ 15.14
<b>June</b>	\$ 26,424,036.43	\$ 26,424,036.43	100.0%	\$ 14.52	\$ 14.52
<b>July</b>	\$ 24,566,192.11	\$ 24,566,192.11	100.0%	\$ 14.99	\$ 14.99
<b>August</b>	\$ 24,365,913.97	\$ 24,365,913.97	100.0%	\$ 15.08	\$ 15.08
<b>September</b>	\$ 24,626,410.34	\$ 24,626,410.34	100.0%	\$ 15.31	\$ 15.31
<b>October</b>	\$ 26,986,626.33	\$ 27,002,212.42	99.94%	\$ 16.07	\$ 16.06
<b>November</b>	\$ 19,918,248.30	\$ 19,918,248.30	100.0%	\$ 16.12	\$ 16.12
<b>December</b>	\$ 15,903,807.47	\$ 15,903,807.47	100.0%	\$ 15.98	\$ 15.98
<b>Calendar Year</b>	\$ 265,951,832.38	\$ 265,948,825.83	100.0%	\$ 177.36	\$ 177.38

### Notes:

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

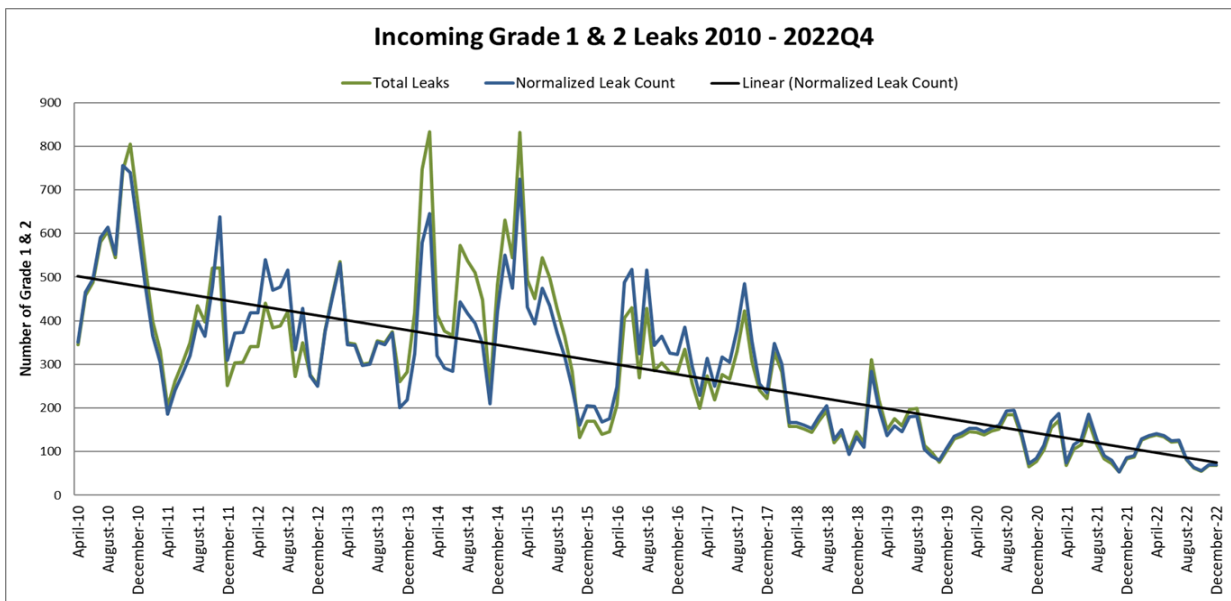
<sup>(2)</sup>Derived by taking D2. multiplied by the Rider QIP charges from Bill Impact Metric C4.

<sup>(3)</sup>QIP dollars spent this month are less than the SMP dollars spent due to negative actuals in non-SMP work.

### 9. Company Overall Average Leak Rate

<b>Company Leak Rate Overall - SMP Mileage (All LP and all CI/DI)</b>	Leak Count	1,201
	SMP Mileage	1,560
	Leak Rate	0.77
<b>Company Leak Rate Overall - Total Distribution Mileage</b>	Leak Count	1,201
	Total Mileage	4,664
	Leak Rate	0.26
<b>Company Leak Rate - Remaining Main (Using only to-be-replaced mains)</b>	Leak Count	1,201
	LPP Mileage	1,166
	Leak Rate	1.03

Leak Rate = Leak Count / Mileage





# Peoples Gas - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## 10. Estimated O&M Impact from SMP work

Total O&M Variance / Current Year Compared to Previous
-\$2,674,358

Work Type	2020	2021	2022	Variance/Yr*
Leak Repair and Maintenance	\$ 31,118,789.53	\$ 25,184,128.66	\$ 28,243,747.43	\$ (3,059,618.77)

Work Type	2020 Facilities or work items	2021 Facilities or work items	2022 Facilities or work items	2022 Facilities Change (negative is increase)	Savings / Increased Cost (+ is savings) 2022
Leak Survey for Services (Total number of services)	504,197	500,404	510,793	(10,389)	(\$55,166)
Leak Survey for Miles of Main (Total Miles of Gas Main)	4,672	4,647	4,633	14	\$3,175
ISI's (Total Number of Premises Under ISI Program)	596,422	587,783	572,892	14,891	\$368,523
Valve Inspections (Total number of valves)	14,818	15,233	15,661	(428)	(\$18,322)
Corrosion Service Work (Total Number of Corrosion Protected Steel Services)	28,067	30,200	29,312	888	\$84,623
Corrosion Main Work (Total Miles of Corrosion Family Main)	1,179	1,152	1,096	56	\$48,134
Third Party Damage (Total Number of Hits on Company Facilities)	355	422	460	(38)	(\$45,706)
<b>Sub Total</b>					<b>\$385,261</b>

\* Over the long term, PGL expects O&M for leak repair and maintenance to decline, but any given year may not reflect this trend because actual costs can vary greatly year to year depending upon weather, types and location of leaks and changes in regulations. 4 year average costs are \$29.4M.

# Peoples Gas - Safety Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

## APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Cost (\$M)	Start Year	End Year	Jan 2022 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters						
Albany Park	In Progress	0	0	0	0	0.62	In Progress	2022			
Lincoln Square	In Progress	0	0.5	0	1	1.30	In Progress	2022			
North Mayfair	Complete	0.00	0.00	0	0	0.00	Complete	2022			
Norwood Park East	In Progress	0	0	0	0	0.00	In Progress	2022			
McKinley Park	Complete	0.00	0.00	0	0	0.00	Complete	2022			
Avalon Park	Complete	0.00	0.00	0	0	0.00	Complete	2022			
West Elsdon	In Progress	1.04	0.99	1	2	9.11	In Progress	2023			
Schorsch Village	In Progress	6.8	4.71	765	992	14.30	In Progress	2025			
Marquette Park	In Progress	17.61	19.05	1790	3851	41.22	In Progress	2024			
Jeffery Manor	In Progress	12.12	15.9	1356	2048	23.69	In Progress	2024			
Budlong Woods	In Progress	15.4	14	1450	4441	25.80	In Progress	2025			
Old Irving Park	In Progress	8.36	8.87	683	1456	17.00	In Progress	2025			
Garfield Ridge	In Progress	55.21	34.2	6847	7434	88.23	In Progress	2026			
Cragin	In Progress	35.3	26.3	4241	7765	71.90	In Progress	2026			
Chatham	In Progress	38.84	28.43	5016	7245	59.32	In Progress	2026			
Rosemoor	In Progress	17.22	12.53	1993	2311	32.48	In Progress	2025			
Irving Woods	In Progress	25.15	15.37	2618	2924	33.72	In Progress	2026			
Old Norwood Park	Not Started	14.65	9.45	779	820	36.62	2024	2025	2	0.14	
West Englewood	Not Started	46.07	29.72	4047	4258	115.17	2024	2027	19	0.20	
South Chicago	Not Started	50.68	32.70	4504	6405	126.71	2024	2027	28	0.12	
Gage Park	Not Started	28.07	18.11	2924	3881	70.18	2024	2028	30	0.13	
Calumet Heights	Not Started	37.94	24.47	3774	4342	94.84	2024	2029	24	0.19	
Oriole Park	Not Started	17.95	11.58	1477	1644	44.88	2025	2027	4	0.34	
Roscoe Village	Not Started	12.92	8.33	1558	3157	32.29	2025	2027	6	0.18	
Wrightwood	Not Started	29.85	19.26	3012	3168	74.63	2025	2029	23	0.18	
Brainerd	Not Started	27.10	17.49	2634	3291	67.76	2026	2028	33	0.14	
Union Ridge	Not Started	14.30	9.22	1537	1747	35.74	2026	2028	8	0.14	
Norwood Park West	Not Started	23.49	15.15	2044	2126	58.72	2026	2029	5	0.29	
Magnolia Glen	Not Started	2.15	1.38	108	296	5.37	2027	2027	21	0.09	
Belmont Terrace	Not Started	8.10	5.22	809	887	20.24	2027	2028	11	0.26	
Hermosa	Not Started	5.22	3.37	426	754	13.05	2027	2028	22	0.05	
Chicago Lawn	Not Started	9.86	6.36	946	1373	24.65	2027	2028	31	0.11	
Andersonville	Not Started	7.98	5.15	657	1940	19.94	2027	2029	17	0.11	
Edgewater	Not Started	16.87	10.89	984	3431	42.18	2027	2030	12	0.13	
West Rogers Park	Not Started	64.99	41.93	4932	10864	162.48	2027	2030	18	0.12	
Belmont Heights	Not Started	31.74	20.48	3890	4433	79.36	2027	2031	10	0.26	
Jefferson Park	Not Started	83.54	53.90	8441	11743	208.85	2027	2031	13	0.16	
Ashburn	Not Started	35.79	23.09	3671	3828	89.48	2027	2031	34	0.15	
Galewood	Not Started	28.04	18.09	2752	3270	70.09	2028	2031	26	0.13	
Wrightwood Neighbor	Not Started	13.75	8.87	1170	3711	34.36	2028	2031	27	0.13	
West Lawn	Not Started	45.76	29.52	5529	6154	114.40	2028	2031	32	0.14	
Lake View	Not Started	59.49	38.38	5313	16395	148.73	2028	2032	36	0.10	
Edgebrook	Not Started	2.68	1.73	57	90	6.70	2029	2029	41	0.02	
Peterson Park	Not Started	4.05	2.61	411	619	10.13	2029	2029	43	0.39	
East Chatham	Not Started	10.98	7.09	733	2786	27.46	2029	2031	38	0.14	
Bridgeport	Not Started	17.14	11.06	829	1626	42.86	2029	2031	40	0.07	
Ravenswood	Not Started	28.42	18.34	1774	6201	71.06	2029	2032	37	0.08	
Belmont Central	Not Started	38.22	24.66	4387	6344	95.55	2029	2032	39	0.13	
Lawndale	Not Started	21.10	13.61	1196	2358	52.76	2029	2032	44	0.04	
Park Manor	Not Started	35.25	22.74	3093	5589	88.12	2030	2032	47	0.13	
Kelvin Park	Not Started	4.26	2.75	346	496	10.64	2031	2031	49	0.10	
South Old Irving Park	Not Started	1.91	1.23	131	310	4.77	2031	2031	56	0.17	
Edison Park	Not Started	1.21	0.78	32	48	3.02	2031	2031	59	0.02	
South East Ravenswood	Not Started	3.69	2.38	245	802	9.22	2031	2032	45	0.05	
Arcadia Terrace	Not Started	8.35	5.39	925	1978	20.88	2031	2032	52	0.28	
Pulaski Park	Not Started	10.67	6.89	1083	1127	26.68	2031	2032	53	0.29	
Washington Heights	Not Started	13.24	8.54	1130	1122	33.09	2031	2032	55	0.09	
West Woodlawn	Not Started	16.88	10.89	1161	2581	42.21	2031	2033	50	0.12	
North Austin	Not Started	19.05	12.29	1671	2906	47.62	2031	2034	46	0.07	
Heart of Chicago	Not Started	17.97	11.59	2094	5347	44.92	2031	2035	51	0.11	
Logan Square	Not Started	61.20	39.48	5819	14563	152.99	2031	2035	54	0.08	
Roseland	Not Started	39.56	25.52	3163	3361	98.90	2031	2035	58	0.12	
Forest Glen	Not Started	4.64	3.00	447	477	11.61	2032	2032	60	0.24	
Chinatown	Not Started	2.62	1.69	224	689	6.55	2032	2032	61	0.10	
O'Hare	Not Started	0.00	0.00	0	327	0.00	2032	2032	67	0.03	
Gladstone Park	Not Started	5.70	3.68	529	837	14.26	2032	2033	66	0.40	
Ukrainian Village	Not Started	8.86	5.71	740	2588	22.14	2032	2034	57	0.12	
Brighton Park	Not Started	34.40	22.19	2976	4884	86.00	2032	2034	62	0.08	
Park West	Not Started	9.11	5.88	720	2196	22.77	2032	2034	64	0.15	

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Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

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		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Fernwood	Not Started	20.69	13.35	2093	1990	51.73	2032	2034	65	0.13
Longwood Manor	Not Started	14.90	9.62	1657	1639	37.26	2032	2034	69	0.14
Archer Heights	Not Started	21.99	14.19	1832	2445	54.98	2032	2035	73	0.09
Montclare	Not Started	32.41	20.91	3239	4462	81.02	2032	2036	63	0.12
Grand Crossing	Not Started	30.83	19.89	2175	3733	77.08	2032	2036	68	0.13
Mount Greenwood	Not Started	0.00	0.00	0	0	0.00	2033	2033	76	0.02
The Bush	Not Started	5.68	3.67	475	685	14.20	2033	2034	70	0.22
West Pullman	Not Started	48.39	31.22	4019	4055	120.97	2033	2035	71	0.09
Washington Park	Not Started	13.95	9.00	440	1811	34.88	2033	2035	75	0.10
West Town	Not Started	38.55	24.87	2684	6853	96.37	2033	2036	72	0.07
Morgan Park E	Not Started	25.74	16.61	2497	2499	64.35	2033	2036	74	0.10
Uptown	Not Started	14.54	9.38	687	3860	36.34	2033	2036	77	0.12
Back of the Yards	Not Started	15.14	9.77	1511	2972	37.85	2034	2036	78	0.04
Bronzeville	Not Started	22.85	14.74	679	1843	57.12	2034	2037	82	0.05
Scottsdale	Not Started	39.42	25.43	4022	4151	98.55	2034	2038	81	0.19
Humboldt Park	Not Started	45.33	29.24	4114	10165	113.32	2034	2038	83	0.11
Heart of Italy	Not Started	0.92	0.59	2	7	2.29	2035	2035	84	0.13
Ravenswood Gardens	Not Started	0.85	0.55	83	223	2.13	2035	2035	86	0.10
East Pilsen	Not Started	2.52	1.63	115	227	6.30	2035	2035	90	0.07
Cottage Grove Heights	Not Started	7.76	5.01	863	860	19.40	2035	2036	79	0.12
Little Village	Not Started	15.22	9.82	283	490	38.05	2035	2036	80	0.04
Wrigleyville	Not Started	3.55	2.29	373	1356	8.88	2035	2036	87	0.13
Near North	Not Started	8.84	5.70	205	536	22.10	2035	2036	91	0.04
Old Town	Not Started	7.41	4.78	459	2041	18.54	2035	2037	89	0.10
Gresham	Not Started	62.69	40.45	5451	7448	156.74	2035	2039	85	0.10
River North	Not Started	1.70	1.10	32	123	4.25	2036	2036	94	0.03
West Loop Gate	Not Started	0.47	0.30	3	67	1.17	2036	2036	97	0.05
North Park	Not Started	7.84	5.06	792	1662	19.60	2036	2037	95	0.11
Marynook	Not Started	7.25	4.68	837	903	18.13	2036	2037	96	0.22
Sauganash	Not Started	24.24	15.64	1907	2104	60.61	2036	2038	92	0.15
Burnside	Not Started	14.64	9.44	1081	1396	36.60	2036	2038	93	0.06
South Deering	Not Started	25.49	16.44	2101	2352	63.72	2036	2039	98	0.06
Englewood	Not Started	70.68	45.60	5284	6596	176.71	2036	2040	114	0.08
Lincoln Park	Not Started	22.11	14.26	1585	4281	55.27	2036	2040	116	0.17
East Garfield Park	Not Started	30.81	19.88	1861	3608	77.03	2036	2040	129	0.08
Wicker Park	Not Started	17.24	11.12	1491	4424	43.09	2036	2040	178	0.01
Lathrop Homes	Not Started	2.98	1.92	116	528	7.45	2037	2037	99	0.03
Schorsch Forest View	Not Started	1.10	0.71	2	2	2.74	2037	2037	100	0.05
West De Paul	Not Started	1.65	1.06	110	305	4.12	2037	2037	101	0.03
Kilbourn Park	Not Started	6.07	3.91	426	798	15.17	2037	2038	102	0.12
West Chesterfield	Not Started	8.60	5.55	914	921	21.50	2037	2038	111	0.10
Buena Park	Not Started	8.18	5.27	386	2272	20.44	2037	2039	104	0.10
Noble Square	Not Started	10.35	6.67	989	3459	25.87	2037	2040	106	0.07
Lake View East	Not Started	13.28	8.56	659	4132	33.19	2037	2040	109	0.07
Woodlawn	Not Started	17.43	11.25	929	2871	43.58	2037	2040	113	0.06
East Ukrainian Village	Not Started	11.44	7.38	1232	3973	28.60	2037	2040	122	0.10
Pilsen	Not Started	18.40	11.87	1189	3458	45.99	2037	2040	124	0.05
Bucktown	Not Started	31.08	20.05	3365	7908	77.69	2037	2040	139	0.03
Graceland West	Not Started	2.93	1.89	235	682	7.33	2038	2038	103	0.16
Hanson Park	Not Started	2.30	1.49	267	502	5.76	2038	2038	107	0.28
Palmer Square	Not Started	8.31	5.36	763	2021	20.77	2038	2040	120	0.17
Edgewater Beach	Not Started	10.07	6.50	479	2825	25.19	2038	2040	121	0.08
Big Oaks	Not Started	16.55	10.68	1780	1808	41.37	2038	2040	125	0.16
Gold Coast	Not Started	12.29	7.93	634	1435	30.73	2038	2040	162	0.05
Hollywood Park	Not Started	4.82	3.11	538	1107	12.06	2039	2040	117	0.10
Near West Side	Not Started	6.12	3.95	193	394	15.29	2039	2040	123	0.03
Vittum Park	Not Started	7.71	4.97	896	954	19.27	2039	2040	126	0.20
Old Town Triangle	Not Started	8.99	5.80	736	1807	22.48	2039	2040	130	0.15
South Loop	Not Started	9.36	6.04	124	392	23.39	2039	2040	132	0.03
North Center	Not Started	7.50	4.84	549	1224	18.75	2039	2040	133	0.05
Sheridan Park	Not Started	5.06	3.26	316	1938	12.64	2039	2040	135	0.12
Dunning	Not Started	8.97	5.79	1161	1376	22.43	2039	2040	137	0.03
Belmont Gardens	Not Started	4.47	2.88	317	718	11.18	2039	2040	142	0.04
Margate Park	Not Started	3.49	2.25	178	833	8.73	2039	2040	149	0.07
Avondale	Not Started	9.16	5.91	551	1213	22.90	2039	2040	166	0.02
West Chatham	Not Started	4.29	2.77	456	580	10.74	2040	2040	108	0.07
Pill Hill	Not Started	5.59	3.61	576	595	13.97	2040	2040	110	0.35
Rogers Park	Not Started	1.78	1.15	20	56	4.45	2040	2040	112	0.01
Edgewater Glen	Not Started	2.07	1.33	156	385	5.17	2040	2040	115	0.13
Portage Park	Not Started	7.12	4.60	60	6	17.81	2040	2040	118	0.02
Stony Island Park	Not Started	5.09	3.29	51	10	12.73	2040	2040	119	0.02
Dearborn Homes	Not Started	0.64	0.41	0	0	1.60	2040	2040	127	0.09
Sheffield Neighbors	Not Started	1.22	0.79	29	38	3.05	2040	2040	128	0.02
Parkview	Not Started	2.17	1.40	219	245	5.43	2040	2040	131	0.04
Goose Island	Not Started	3.22	2.08	27	77	8.05	2040	2040	134	0.03
West Morgan Park	Not Started	0.01	0.00	0	0	0.02	2040	2040	136	0.01
West Garfield Park	Not Started	2.10	1.35	0	0	5.24	2040	2040	138	0.02
The Gap	Not Started	1.00	0.64	2	7	2.49	2040	2040	140	0.03
Lakewood - Balmoral	Not Started	2.89	1.86	246	486	7.22	2040	2040	141	0.04
Hegewisch	Not Started	0.07	0.04	0	0	0.17	2040	2040	143	0.01

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

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		Install Miles	Retirement Miles	Services	Meters						
Ranch Triangle	Not Started	0.64	0.41	6	13	1.60	2040	2040	144	0.02	
Altgeld Gardens	Not Started	0.00	0.00	0	0	0.01	2040	2040	145	0.00	
Winneconna Parkway	Not Started	1.47	0.95	60	118	3.67	2040	2040	146	0.11	
Princeton Park	Not Started	0.85	0.55	0	0	2.14	2040	2040	148	0.01	
Lake Meadows	Not Started	0.75	0.49	1	3	1.88	2040	2040	150	0.04	
Clearing (W)	Not Started	0.45	0.29	0	0	1.13	2040	2040	151	0.01	
University Village / Lit	Not Started	2.05	1.33	5	1	5.14	2040	2040	152	0.02	
Ickes Prairie Homes	Not Started	0.86	0.55	2	4	2.14	2040	2040	153	0.03	
Hyde Park	Not Started	1.09	0.71	2	4	2.74	2040	2040	154	0.02	
The Island	Not Started	0.00	0.00	0	0	0.00	2040	2040	155	0.03	
Lithuanian Plaza	Not Started	1.35	0.87	172	269	3.37	2040	2040	156	0.09	
South Austin	Not Started	3.26	2.10	36	19	8.15	2040	2040	157	0.01	
Kenwood	Not Started	2.06	1.33	95	122	5.14	2040	2040	158	0.02	
Ida B. Wells / Darrow	Not Started	0.81	0.52	0	0	2.03	2040	2040	159	0.02	
West Humboldt Park	Not Started	0.20	0.13	9	26	0.51	2040	2040	160	0.01	
Illinois Medical District	Not Started	0.31	0.20	7	11	0.79	2040	2040	161	0.02	
East Beverly	Not Started	0.95	0.61	0	0	2.36	2040	2040	163	0.01	
LeClaire Courts	Not Started	2.86	1.85	338	334	7.16	2040	2040	164	0.04	
Beverly	Not Started	1.11	0.71	0	0	2.77	2040	2040	165	0.00	
London Town	Not Started	0.47	0.31	0	0	1.18	2040	2040	167	0.01	
Stateway Gardens	Not Started	0.01	0.01	0	0	0.02	2040	2040	168	0.01	
East Hyde Park	Not Started	0.02	0.02	0	0	0.06	2040	2040	169	0.01	
Beverly View	Not Started	2.83	1.83	245	247	7.08	2040	2040	170	0.09	
Fifth City	Not Started	3.84	2.48	168	464	9.60	2040	2040	171	0.04	
Ford City	Not Started	0.03	0.02	0	0	0.08	2040	2040	172	0.00	
Mayfair	Not Started	0.16	0.10	0	0	0.40	2040	2040	173	0.01	
South Shore	Not Started	1.78	1.15	50	26	4.46	2040	2040	174	0.01	
South Commons	Not Started	1.38	0.89	79	107	3.44	2040	2040	175	0.01	
The Loop	Not Started	4.51	2.91	71	116	11.27	2040	2040	176	0.01	
The Villa	Not Started	0.42	0.27	0	0	1.05	2040	2040	177	0.02	
Dearborn Park	Not Started	1.68	1.08	122	202	4.20	2040	2040	179	0.02	
Bowmanville	Not Started	0.08	0.05	0	0	0.21	2040	2040	180	0.00	
East Side	Not Started	0.10	0.06	1	1	0.25	2040	2040	181	0.01	
Magnificent Mile	Not Started	0.39	0.25	1	1	0.98	2040	2040	182	0.03	
Prairie District	Not Started	0.55	0.35	4	2	1.37	2040	2040	183	0.03	
Sleepy Hollow	Not Started	0.01	0.01	0	0	0.03	2040	2040	184	0.00	
Printers Row	Not Started	0.78	0.50	18	91	1.96	2040	2040	186	0.03	
Oakland	Not Started	2.93	1.89	92	0	7.34	2040	2040	197	0.01	
North Kenwood	Not Started	0.00	0.00	0	0	0.00	2040	2040	201	0.01	
Parkway Gardens	Not Started	0.16	0.10	0	0	0.41	2040	2040	225	0.00	
Tri-Taylor	Complete										
Beverly Woods	Complete										
Canaryville	Complete										
Marycrest	Complete										
Cabrini Green	Complete										
Prairie Shores	Complete										
Mount Greenwood He	Complete										
Jackson Park Highlan	Complete										
Homan Square	Complete										
Riverdale	Complete										
River West	Complete										
Fuller Park	Complete										
Fulton River District	Complete										
Homer Park	Complete										
Harbour Point Estates	Complete										
Douglas Park	Complete										
Streeterville	Complete										
Golden Gate	Complete										
The Robert Taylor Ho	Complete										
Eden Green	Complete										
Wentworth Gardens	Complete										
Ravenswood Manor	Complete										
Chrysler Village	Complete										
Kennedy Park	Complete										
Pullman	Complete										
Morgan Park W	Complete										
Near East Side	Complete										
Tally's Corner	Complete										
West Beverly	Complete										
Clearing (E)	Complete										
Wildwood	Complete										
Irving Park	Complete										
Brynford Park	Complete										
Greektown	Complete										
Groveland Park	Complete										
Old Edgebrook	Complete										
River's Edge	Complete										
Sauganash Woods	Complete										
South Edgebrook	Complete										
Trumbull Park	Complete										

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

Prepared for the Illinois Commerce Commission - Quarter ending December 31, 2022

**APPENDIX B - NEIGHBORHOOD LEAK RATES & 2 YEAR AVERAGE**

	NEIGHBORHOOD	2021 LEAK RATE	2021 NORMALIZED RATE	NORMALIZED LEAK RATE (2 YR AVG)
1	Albany Park	0.00	0.00	0.00
2	Altgeld Gardens	0.00	0.00	0.00
3	Andersonville	0.59	0.60	1.59
4	Arcadia Terrace	1.40	1.43	1.35
5	Archer Heights	0.09	0.09	0.40
6	Ashburn	0.41	0.42	0.53
7	Avalon Park	2.50	2.56	2.12
8	Avondale	0.29	0.30	1.12
9	Back of the Yards	1.69	1.73	1.95
10	Belmont Central	1.66	1.69	1.66
11	Belmont Gardens	0.42	0.43	1.81
12	Belmont Heights	0.66	0.67	0.75
13	Belmont Terrace	0.98	1.00	0.61
14	Beverly	3.33	3.41	1.70
15	Beverly View	0.00	0.00	0.00
16	Beverly Woods	0.00	0.00	0.00
17	Big Oaks	0.71	0.72	0.55
18	Bowmanville	0.00	0.00	0.00
19	Brainerd	0.57	0.58	0.77
20	Bridgeport	1.83	1.87	1.49
21	Brighton Park	0.89	0.91	0.78
22	Bronzeville	0.17	0.17	0.46
23	Brynford Park	0.00	0.00	0.00
24	Bucktown	2.19	2.24	2.45
25	Budlong Woods	0.96	0.99	0.69
26	Buena Park	1.38	1.41	1.84
27	Burnside	0.19	0.19	0.20
28	Cabrini Green	0.00	0.00	0.00
29	Calumet Heights	0.21	0.22	0.40
30	Canaryville	0.00	0.00	0.00
31	Chatham	0.39	0.40	0.60
32	Chicago Lawn	0.63	0.64	0.55
33	Chinatown	0.00	0.00	0.34
34	Chrysler Village	0.00	0.00	0.00
35	Clearing (E)	0.00	0.00	0.00
36	Clearing (W)	0.00	0.00	5.49
37	Cottage Grove Heights	0.50	0.51	0.26
38	Cragin	1.16	1.19	1.54
39	Dearborn Homes	0.00	0.00	0.00
40	Dearborn Park	0.00	0.00	0.00
41	Douglas Park	0.00	0.00	0.00
42	Dunning	3.91	4.00	3.43
43	East Beverly	1.67	1.70	1.77
44	East Chatham	0.36	0.37	0.48
45	East Garfield Park	3.06	3.13	2.32
46	East Hyde Park	0.00	0.00	0.00
47	East Pilsen	9.17	9.37	7.89
48	East Side	0.00	0.00	0.00
49	East Ukrainian Village	1.36	1.39	1.41
50	Eden Green	0.00	0.00	0.00
51	Edgebrook	0.83	0.85	0.75
52	Edgewater	1.12	1.15	1.43
53	Edgewater Beach	0.43	0.44	1.04
54	Edgewater Glen	0.00	0.00	0.42
55	Edison Park	2.50	2.56	5.40
56	Englewood	0.58	0.59	1.01
57	Fernwood	0.82	0.83	0.64
58	Fifth City	3.33	3.41	4.45
59	Ford City	0.00	0.00	0.00
60	Forest Glen	1.54	1.57	1.63
61	Fuller Park	0.00	0.00	0.00
62	Fulton River District	0.00	0.00	0.00
63	Gage Park	0.52	0.53	0.62
64	Galewood	0.94	0.97	0.53
65	Garfield Ridge	0.85	0.87	0.62
66	Gladstone Park	1.82	1.86	1.81
67	Gold Coast	1.57	1.60	1.88
68	Golden Gate	0.00	0.00	0.00
69	Goose Island	0.00	0.00	0.31
70	Graceland West	1.18	1.20	1.25
71	Grand Crossing	0.43	0.44	0.61
72	Greektown	0.00	0.00	0.00
73	Gresham	1.03	1.05	0.91
74	Groveland Park	0.00	0.00	0.00
75	Hanson Park	1.11	1.14	1.18
76	Harbour Point Estates	0.00	0.00	0.00
77	Heart of Chicago	2.57	2.63	1.98
78	Heart of Italy	4.00	4.09	2.96
79	Hegewisch	0.00	0.00	0.00

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	NEIGHBORHOOD	2021 LEAK RATE	2021 NORMALIZED RATE	NORMALIZED LEAK RATE (2 YR AVG)
80	Hermosa	0.97	0.99	2.28
81	Hollywood Park	0.38	0.39	1.04
82	Homan Square	0.00	0.00	0.00
83	Horner Park	0.00	0.00	0.00
84	Humboldt Park	2.46	2.52	2.41
85	Hyde Park	3.33	3.41	4.06
86	Ickes Praire Homes	0.00	0.00	0.00
87	Ida B. Wells / Darrow Home	0.00	0.00	0.00
88	Illinois Medical District	5.00	5.11	5.30
89	Irving Park	0.00	0.00	0.00
90	Irving Woods	0.13	0.13	1.03
91	Jackson Park Highlands	0.00	0.00	0.00
92	Jefferson Park	1.35	1.38	1.21
93	Jeffery Manor	0.23	0.24	0.30
94	Kelvin Park	0.56	0.57	0.59
95	Kennedy Park	0.00	0.00	0.00
96	Kenwood	0.00	0.00	1.27
97	Kilbourn Park	1.33	1.36	2.15
98	Lake Meadows	0.00	0.00	0.00
99	Lake View	1.19	1.22	1.40
100	Lake View East	1.49	1.53	1.50
101	Lakewood - Balmoral	0.00	0.00	0.00
102	Lathrop Homes	0.67	0.68	0.71
103	Lawndale	2.87	2.94	3.16
104	LeCaire Courts	0.00	0.00	0.00
105	Lincoln Park	1.52	1.56	1.49
106	Lincoln Square	2.00	2.05	2.59
107	Lithuanian Plaza	0.00	0.00	1.37
108	Little Village	1.45	1.48	1.83
109	Logan Square	1.53	1.57	1.74
110	London Town	0.00	0.00	0.00
111	Longwood Manor	0.42	0.43	0.45
112	Magnificent Mile	5.00	5.11	2.56
113	Magnolia Glen	0.71	0.73	0.67
114	Margate Park	2.22	2.27	1.14
115	Marquette Park	2.50	2.56	1.73
116	Marycrest	0.00	0.00	0.00
117	Marynook	1.40	1.43	1.07
118	Mayfair	0.00	0.00	0.00
119	McKinley Park	0.00	0.00	2.02
120	Montclare	1.26	1.29	1.39
121	Morgan Park E	0.39	0.40	0.56
122	Morgan Park W	0.00	0.00	0.00
123	Mount Greenwood	0.00	0.00	0.00
124	Mount Greenwood Heights	0.00	0.00	0.00
125	Near East Side	0.00	0.00	0.00
126	Near North	1.06	1.09	1.83
127	Near West Side	0.59	0.60	1.67
128	Noble Square	4.21	4.31	4.75
129	North Austin	1.19	1.22	1.76
130	North Center	1.03	1.05	1.37
131	North Kenwood	0.00	0.00	0.00
132	North Mayfair	0.00	0.00	10.98
133	North Park	0.48	0.49	1.16
134	Norwood Park East	2.55	2.61	2.34
135	Norwood Park West	0.66	0.67	0.73
136	O'Hare	1.76	1.80	3.79
137	Oakland	0.00	0.00	0.00
138	Old Edgebrook	0.00	0.00	0.00
139	Old Irving Park	3.33	3.41	2.91
140	Old Norwood Park	1.32	1.35	1.15
141	Old Town	0.56	0.57	1.44
142	Old Town Triangle	1.84	1.88	1.52
143	Oriole Park	0.69	0.71	0.57
144	Palmer Square	3.10	3.17	2.72
145	Park Manor	0.40	0.40	0.76
146	Park West	1.03	1.05	0.67
147	Parkview	0.00	0.00	0.00
148	Parkway Gardens	0.00	0.00	0.00
149	Peterson Park	0.45	0.46	0.48
150	Pill Hill	0.00	0.00	0.38
151	Pilsen	4.63	4.73	2.77
152	Portage Park	0.65	0.66	0.51
153	Prairie District	10.00	10.23	5.11
154	Prairie Shores	0.00	0.00	0.00
155	Princeton Park	0.00	0.00	0.00
156	Printers Row	0.00	0.00	0.00

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157	Pulaski Park	1.59	1.62	0.90
158	Pullman	0.00	0.00	0.00
159	Ranch Triangle	5.00	5.11	5.30
160	Ravenswood	1.34	1.37	1.22
161	Ravenswood Gardens	0.00	0.00	0.00
162	Ravenswood Manor	0.00	0.00	0.00
163	River North	3.75	3.83	5.35
164	River West	0.00	0.00	0.00
165	River's Edge	0.00	0.00	0.00
166	Riverdale	0.00	0.00	0.00
167	Rogers Park	3.33	3.41	4.45
168	Roscoe Village	1.62	1.65	1.72
169	Roseland	1.22	1.25	1.30
170	Rosemoor	0.62	0.63	0.77
171	Sauganash	0.80	0.82	0.65
172	Sauganash Woods	0.00	0.00	0.00
173	Schorsch Forest View	1.43	1.46	0.73
174	Schorsch Village	1.35	1.38	1.55
175	Scottsdale	0.42	0.43	0.33
176	Sheffield Neighbors	6.25	6.39	5.94
177	Sheridan Park	1.05	1.08	1.69
178	Sleepy Hollow	0.00	0.00	0.00
179	South Austin	1.58	1.61	0.81
180	South Chicago	0.31	0.32	0.65
181	South Commons	0.00	0.00	0.00
182	South Deering	0.65	0.66	0.56
183	South East Ravenswood	0.71	0.73	0.76
184	South Edgebrook	0.00	0.00	0.00
185	South Loop	2.29	2.34	2.89
186	South Old Irving Park	2.00	2.05	1.63
187	South Shore	1.11	1.14	0.57
188	Stateway Gardens	0.00	0.00	0.00
189	Stony Island Park	0.00	0.00	0.14
190	Streeterville	0.00	0.00	0.00
191	Tally's Corner	0.00	0.00	0.00
192	The Bush	0.27	0.28	0.86
193	The Gap	1.11	1.14	0.57
194	The Island	0.00	0.00	0.00
195	The Loop	3.08	3.15	4.95
196	The Robert Taylor Homes	0.00	0.00	0.00
197	The Villa	0.00	0.00	0.00
198	Tri-Taylor	0.00	0.00	0.00
199	Trumbull Park	0.00	0.00	0.00
200	Ukrainian Village	0.83	0.85	1.80
201	Union Ridge	2.05	2.09	1.57
202	University Village / Little Ital	1.54	1.57	1.63
203	Uptown	1.65	1.68	1.44
204	Vittum Park	0.00	0.00	0.37
205	Washington Heights	0.69	0.71	0.58
206	Washington Park	0.47	0.48	0.32
207	Wentworth Gardens	0.00	0.00	0.00
208	West Beverly	0.00	0.00	0.00
209	West Chatham	0.00	0.00	0.55
210	West Chesterfield	0.71	0.73	0.62
211	West De Paul	4.00	4.09	3.14
212	West Elsdon	1.11	1.14	1.06
213	West Englewood	0.73	0.75	0.89
214	West Garfield Park	0.77	0.79	0.82
215	West Humboldt Park	0.00	0.00	0.00
216	West Lawn	0.74	0.75	0.58
217	West Loop Gate	0.00	0.00	18.31
218	West Morgan Park	0.00	0.00	0.00
219	West Pullman	0.34	0.35	0.74
220	West Rogers Park	0.77	0.78	1.14
221	West Town	1.45	1.48	1.55
222	West Woodlawn	0.46	0.47	0.24
223	Wicker Park	1.33	1.36	1.39
224	Wildwood	0.00	0.00	0.00
225	Winneconna Parkway	0.00	0.00	0.00
226	Woodlawn	0.32	0.32	0.25
227	Wrightwood	0.44	0.45	0.46
228	Wrightwood Neighbors	2.22	2.27	1.82
229	Wrigleyville	0.43	0.44	0.70

**APPENDIX C - PI/SI METRICS**

Project Name	Shop District	Activity Status	Driver	Install Miles	Retirement Miles	Services	Meters	Cost(\$)	Meets UMRI Threshold
1200-2400 MILWAUKEE	North	Completed Q4	SI	1.85	.19	53	226	\$6.1M	NO
1700-2400 N LECLAIRE INTERNAL SEAL	North	Completed Q4	SI	.014	.012	0	0	\$3.3M	NO
WILCOX & CALIFORNIA	Central	Completed Q4	PI	.33	0.32	0	0	\$1.11M	NO
115TH & ELIZABETH UMRI	South	Completed Q7	SI	.59	0.07	21	18	\$1.37M	YES
DICKENS & LINCOLN PARK UMRI	North	Completed Q8	SI	.99	.003	33	85	\$2.1M	YES
62ND & JUSTINE	South	Completed Q9	PI	.69	0.42	58	122	\$997K	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.



**Appendix D - Progress towards Completion of Commission Requirements**

<b>Task No.</b>	<b>Description</b>	<b>Initial Deliverable</b>	<b>Annual Update</b>
1	Pace of Replacement	Completed in 2021	No procedural changes occurred in 2022 Q4
2	Reporting	Completed in 2020	2022 Q4 updates have been submitted
3	Natural Forces	Completed in 2021	Complete: PGL's annual update regarding frost depth data collection was provided in the 2022 Q2 report.
4	Corrosion	Completed in 2021	Evaluation of the Predictive Corrosion Model is ongoing
5	Enhanced Coupon Collection Procedure	Completed in 2022	Not Applicable
6	Coupon Location	Completed in 2021	PGL is currently running a pilot program to acquire additional coupons at the 3, 6 and 9 o'clock positions.
7a	Neighborhood Ranking - Existing Model	Completed in 2021	Not Applicable
7b	Neighborhood Ranking - Kiefner Models	Completed in 2021	The leak data provided in Section 9 of this report shows a continued downward trend in hazardous leaks, leak rates and the volume of leaks requiring repair. This indicates that the current Neighborhood Ranking Model (NRM) is working adequately and the attributes of the NRM will not be updated at this time.