



New main installation at Michigan and Oak.

The Peoples Gas Light and Coke Company
System Modernization Program
ICC 2021 3rd Quarter Report

SMP Progress through: September 30, 2021
Published: November 12, 2021

Quarterly Highlights

1. Work continues to progress efficiently, with cost per mile metrics aligned with the plan. Over 33 miles of main were installed during the third quarter – five miles more than planned for the quarter.
2. Project teams continue to mitigate risks and coordinate with various entities to move projects from design through construction.
3. Peoples Gas began constructing a new gate station¹ in the Village of Niles this quarter, 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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November 12, 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 third 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:

Construction schedule – Work is on schedule for 2021 and for SMP as a whole. By the end of the year, the multi-decade program will be one-third complete.

Neighborhood modernization – SMP crews installed more than 26 miles of natural gas main and moved more than 3,200 meters in projects spanning 14 Chicago neighborhoods. The cost per installed mile was under budget for the third quarter.

Methane reduction – SMP continues to reduce methane emissions in Chicago as modern natural gas mains and service lines replace aging, corroded natural gas pipes prone to leaks. From 2017 to 2020 alone, SMP improvements prevented more than 890 metric tons of methane from leaking into the atmosphere – the equivalent of removing more than 4,800 passenger cars from the road for a year.

North Mayfair project – SMP crews completed construction in North Mayfair, previously ranked as one of the higher risk neighborhoods in a safety assessment of our overall delivery system.

Near North Side project – SMP staff worked closely with the Chicago Department of Transportation to prioritize this project, which involves installing new gas main along Michigan Avenue between Chestnut Street and Bellevue Place. Staff also worked closely with two aldermen to ensure construction did not negatively impact local businesses.

Northwest Interconnect Gate Station – SMP crews kicked off construction on the gate station for the previously installed high pressure line on the Northwest Side.

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 of Gas Operations

2. Summary Observations & Analysis

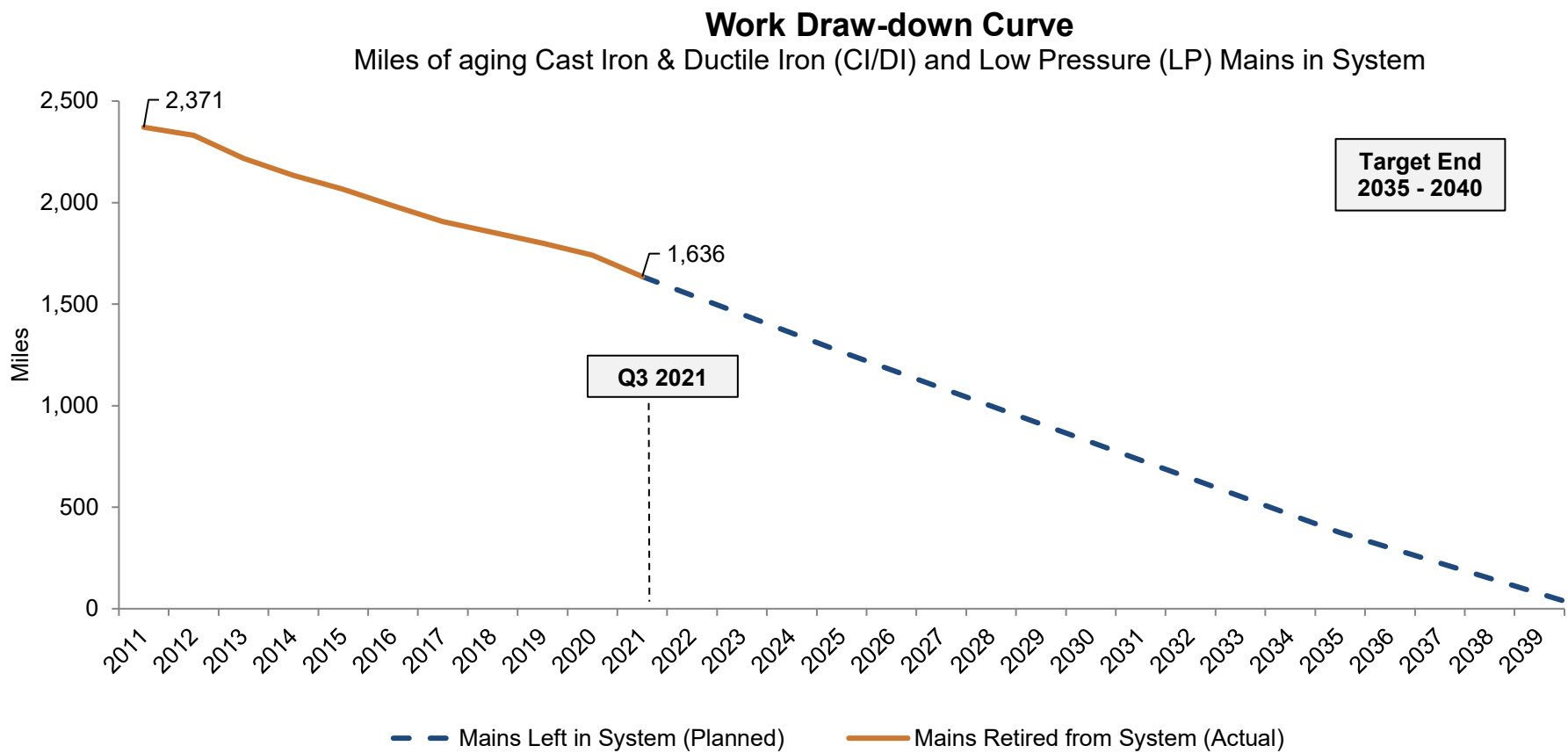
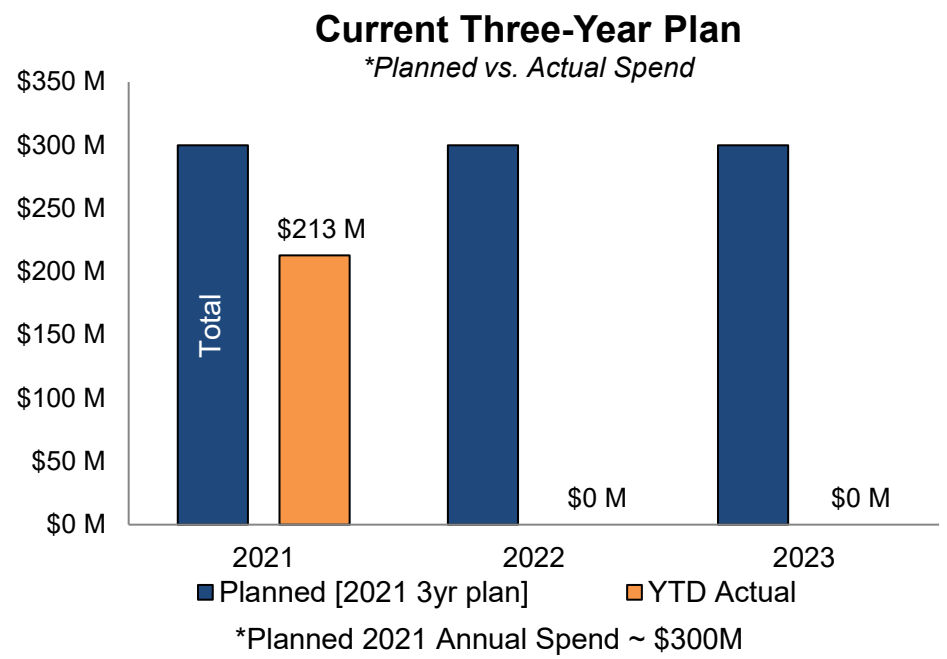
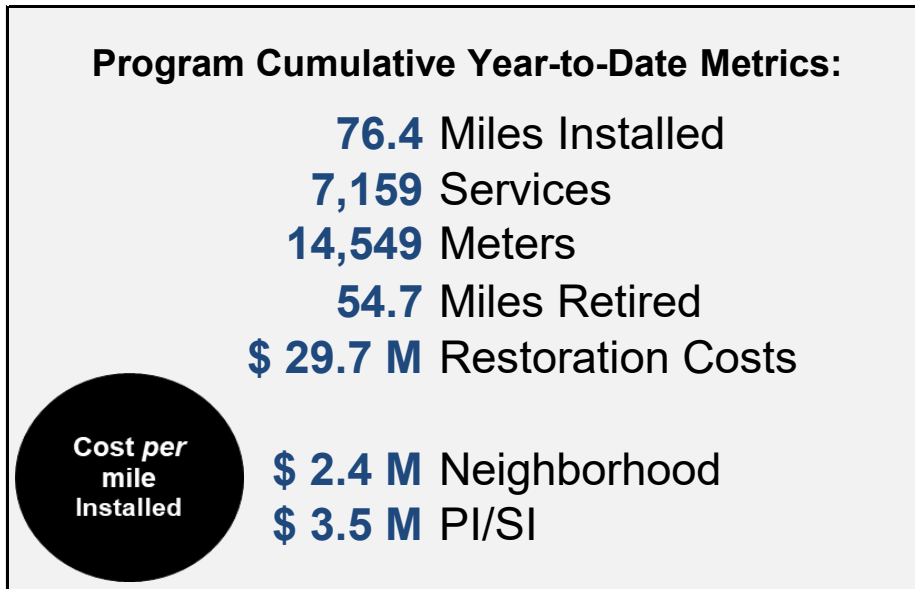
Enclosed is Peoples Gas' System Modernization Program (SMP) third quarter 2021 Report. The information displayed on the pages that follow are actual results recorded from January 2021 through September 2021 as measured against the plan established in the fourth quarter of 2020.

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 each year. Global supply chain disruptions that are affecting the entire region and industry require extensive coordination. Team members are working closely with manufacturers to understand and minimize impacts from various material delays.

Steady progress was made during the third quarter, and construction started on over 30 projects. The following pages detail this progress. Specific highlights include:

- For Neighborhood work, the year to date cost per mile is aligned with the plan and lower than the plan for the third quarter, as shown on page 7. Main installation started in the Cragin neighborhood, which was 4th in the neighborhood risk ranking, and main retirement was completed for the North Mayfair and Kenwood neighborhoods.
- Public Improvement/System Improvement (PI/SI) cost per installed mile exceeded the planned rate, but it was well within the historical range. Installation included a project on Michigan Ave. between Chestnut and Bellevue where Peoples Gas utilized an abandoned pedestrian tunnel to install main. This approach minimized disruptions to the shops and businesses, meeting the requisite of the alderman and benefitting the local area. See pages 10 – 12 for the PI/SI Program metrics.
- Meter moves exceeded the third quarter plan. Team members continue to coordinate with thousands of customers to complete the moves, which are key to retirement of old main. Metrics related to meter moves are on pages 13 and 14.
- This year's work under the High Pressure Program involves construction of a gate station referred to as the Northwest Interconnect Gate Station. This gate station supports the overall upgrade of the distribution system from low pressure to medium pressure. After receipt of the necessary permits from the Village of Niles, construction began. The station pipe fabrication was completed during the third quarter, and building foundations are now 70 percent complete. Construction and commissioning of the gate station will continue into 2022.

3. High Level Program Status

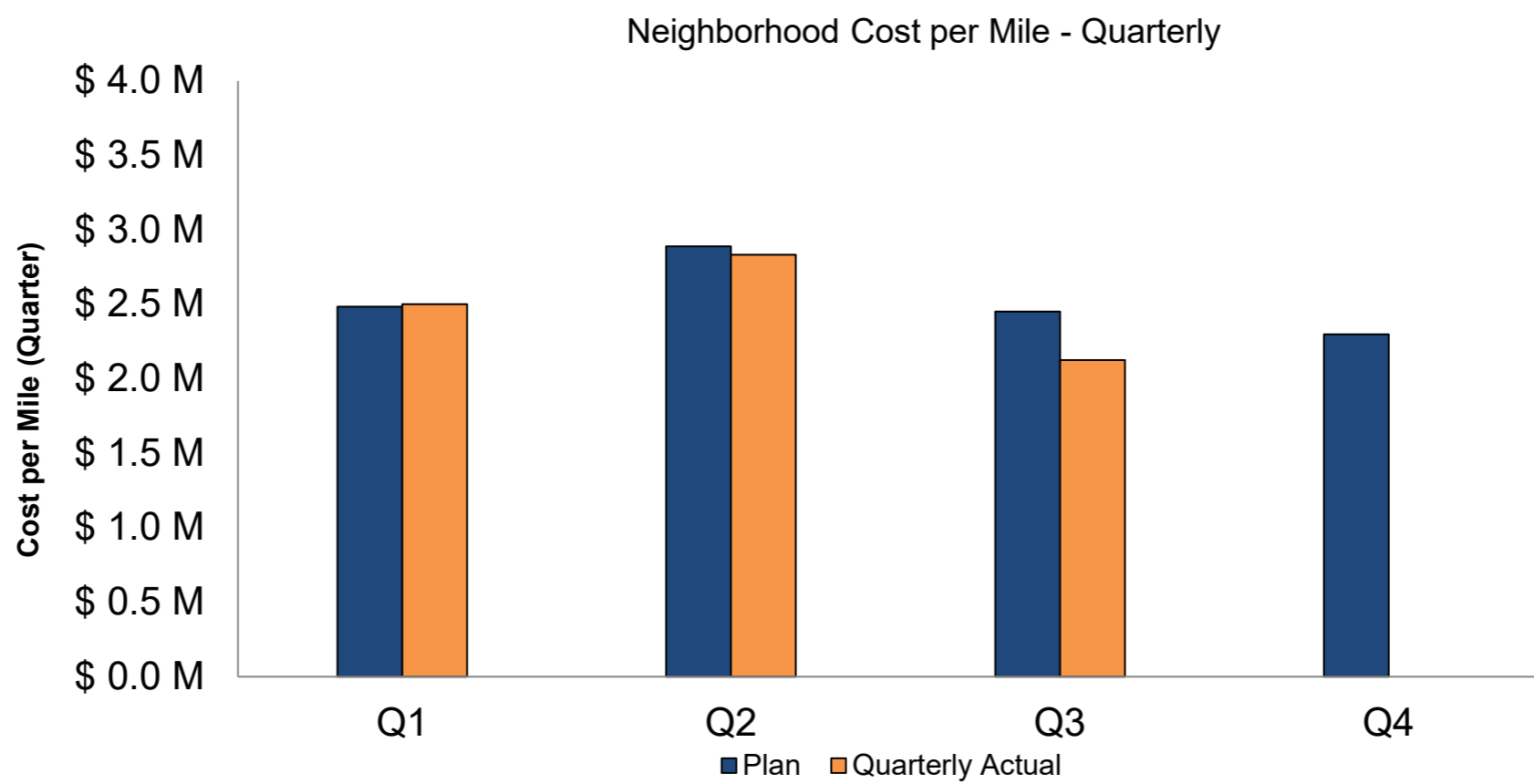
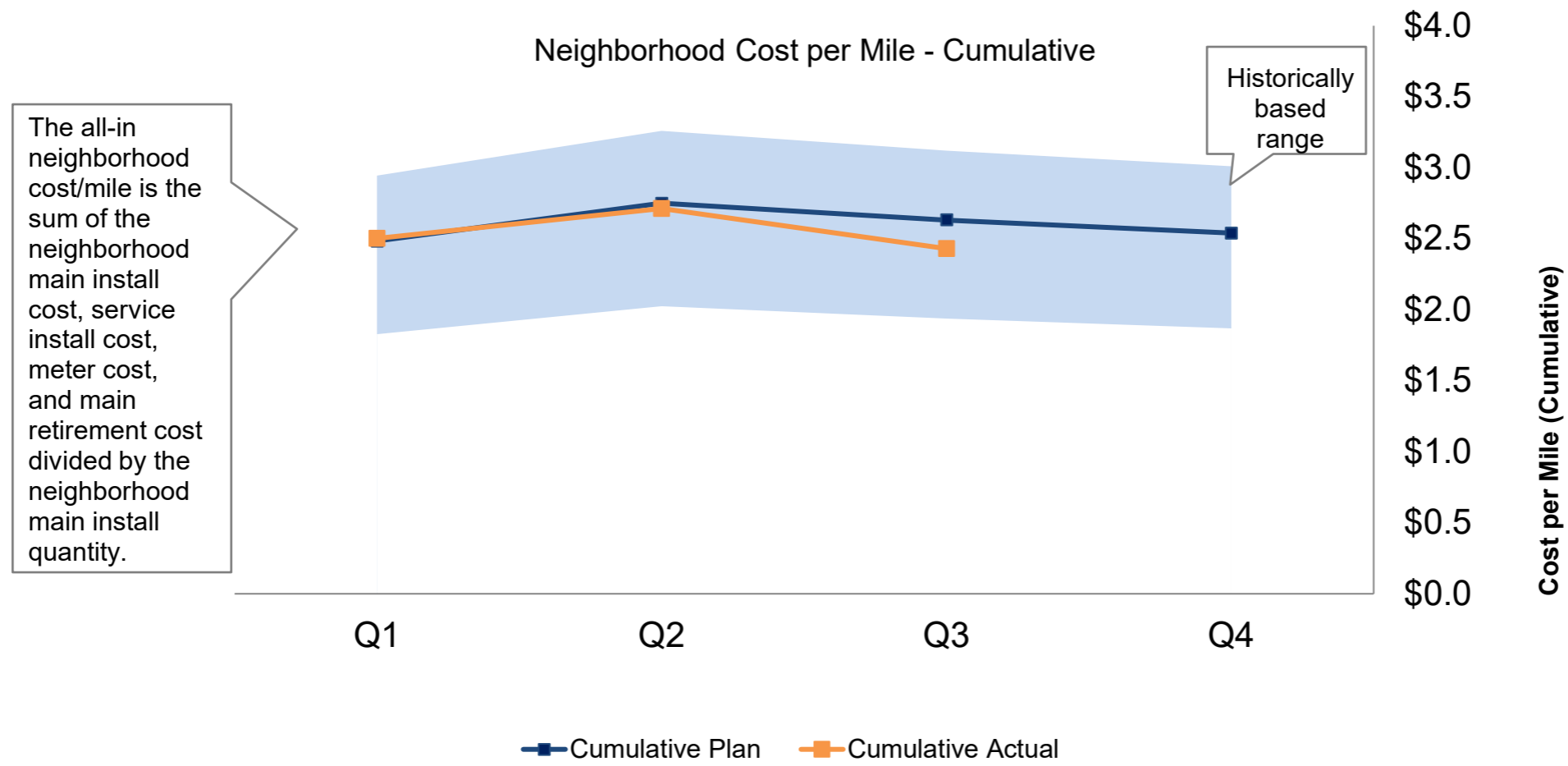


Peoples Gas - System Modernization Program *Quarterly Report*

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

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



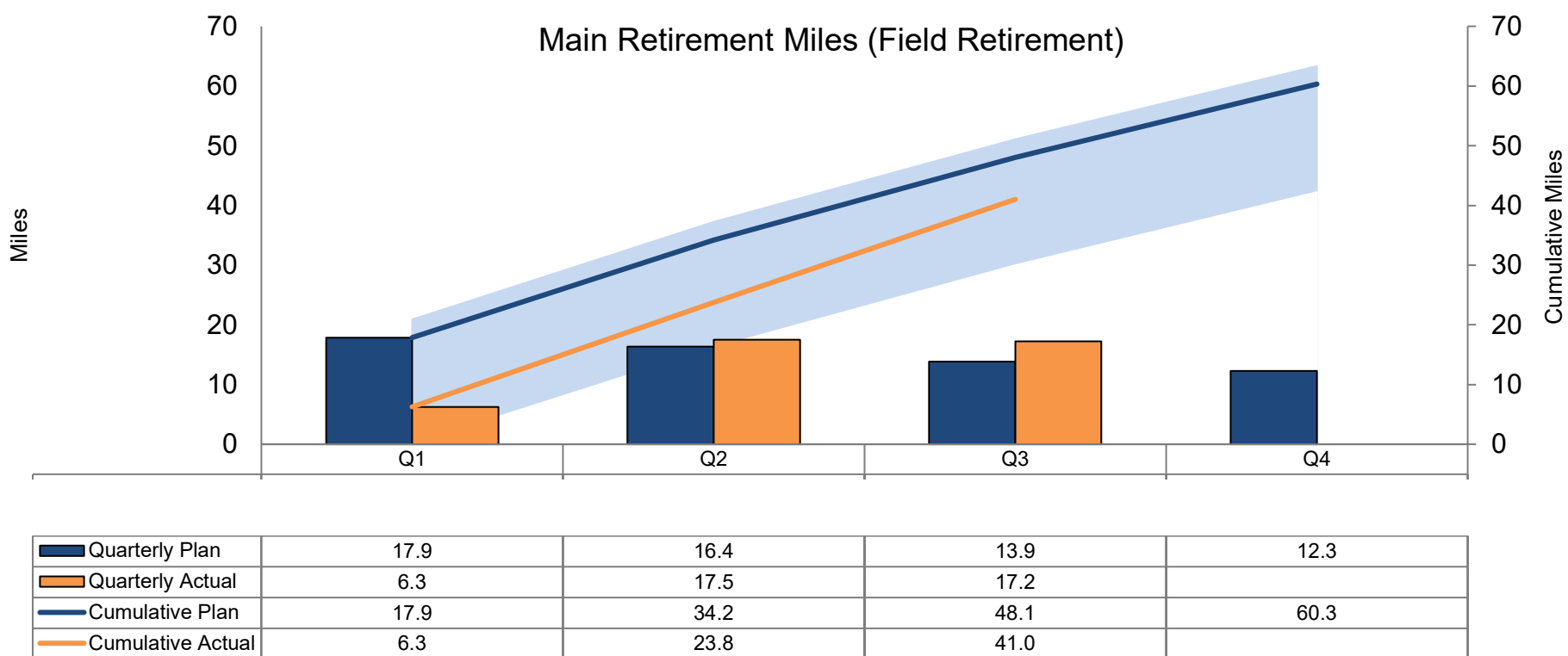
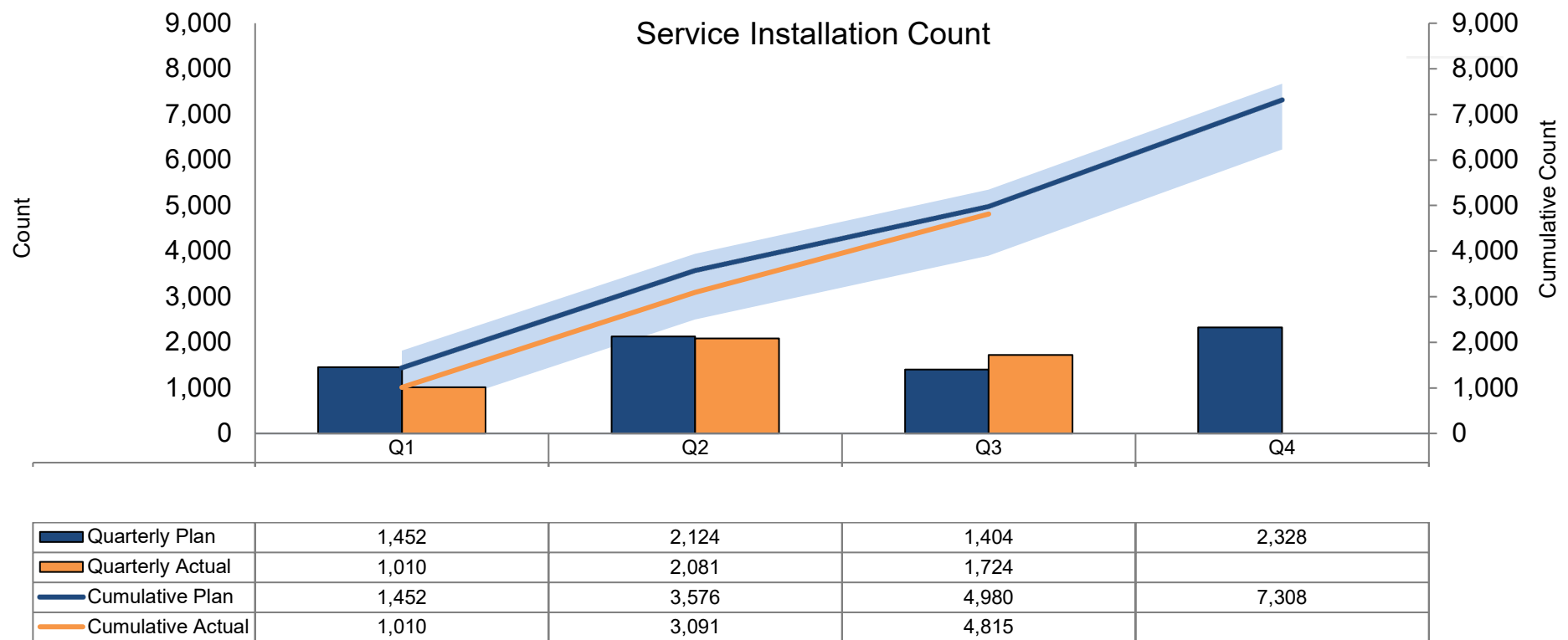
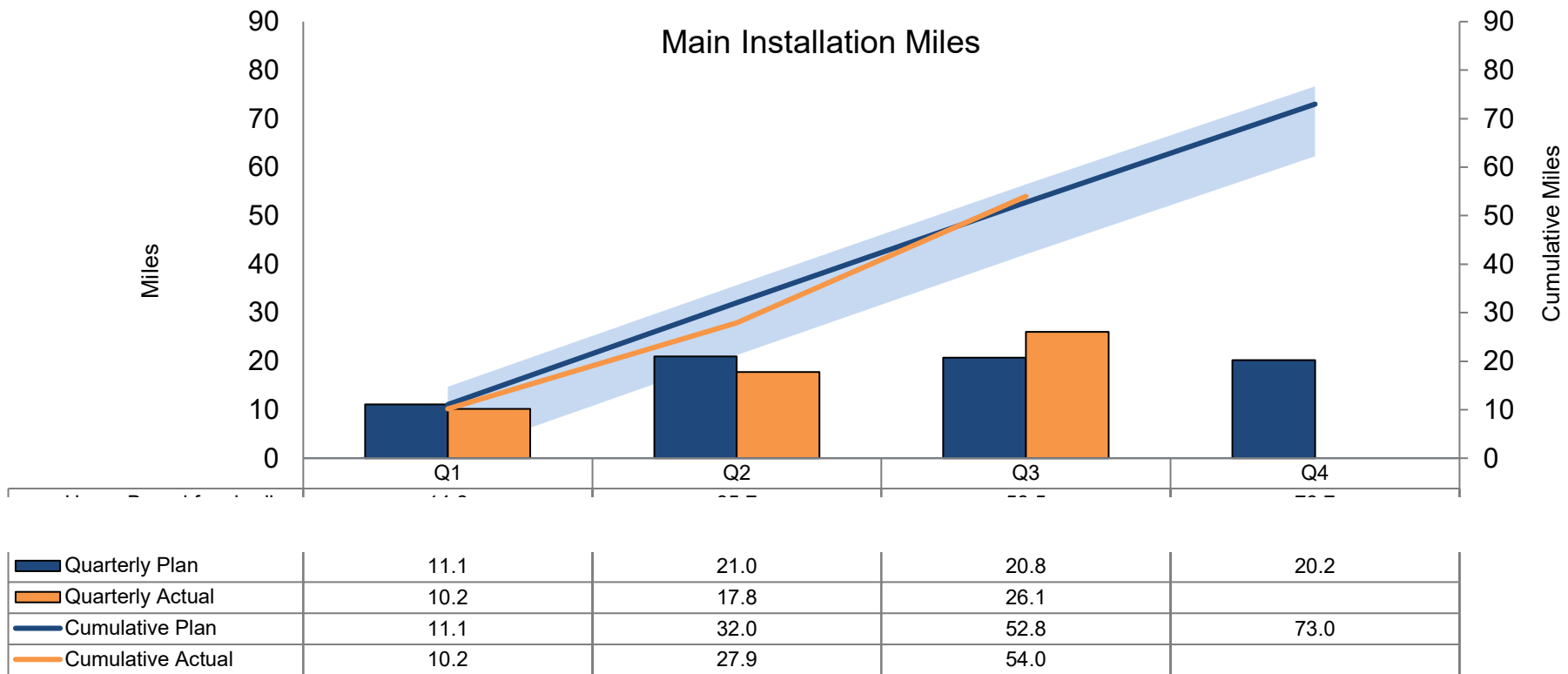
Year-to-Date Numbers

| | Cumulative Planned | | | Cumulative Actual | | |
|---------------------------------|--------------------|-------------|-------------------------------|-------------------|-------------|-------------------------------|
| | Cost (A) | Unit (B) | Cost/Unit (C=A/B) | Cost (D) | Unit (E) | Cost/Unit (F=D/E) |
| Main Install | \$ 84.0 M | 52.8 | \$1.6 M / install mile | \$ 70.2 M | 54.0 | \$1.3 M / install mile |
| Main Retirement | \$ 7.4 M | 48.1 | \$0.2 M / retire mile | \$ 5.8 M | 41.0 | \$0.1 M / retire mile |
| Service Replacement | \$ 30.1 M | 4,980 | \$6,048 / service | \$ 35.5 M | 4,815 | \$7,368 / service |
| Meter Moves (allocation) | \$ 17.4 M | 9,995 | \$1,745 / meter | \$ 19.8 M | 9,561 | \$2,069 / meter |
| TOTAL | \$ 138.9 M | 52.8 | \$2.6 M / install mile | \$ 131.2 M | 54.0 | \$2.4 M / install mile |

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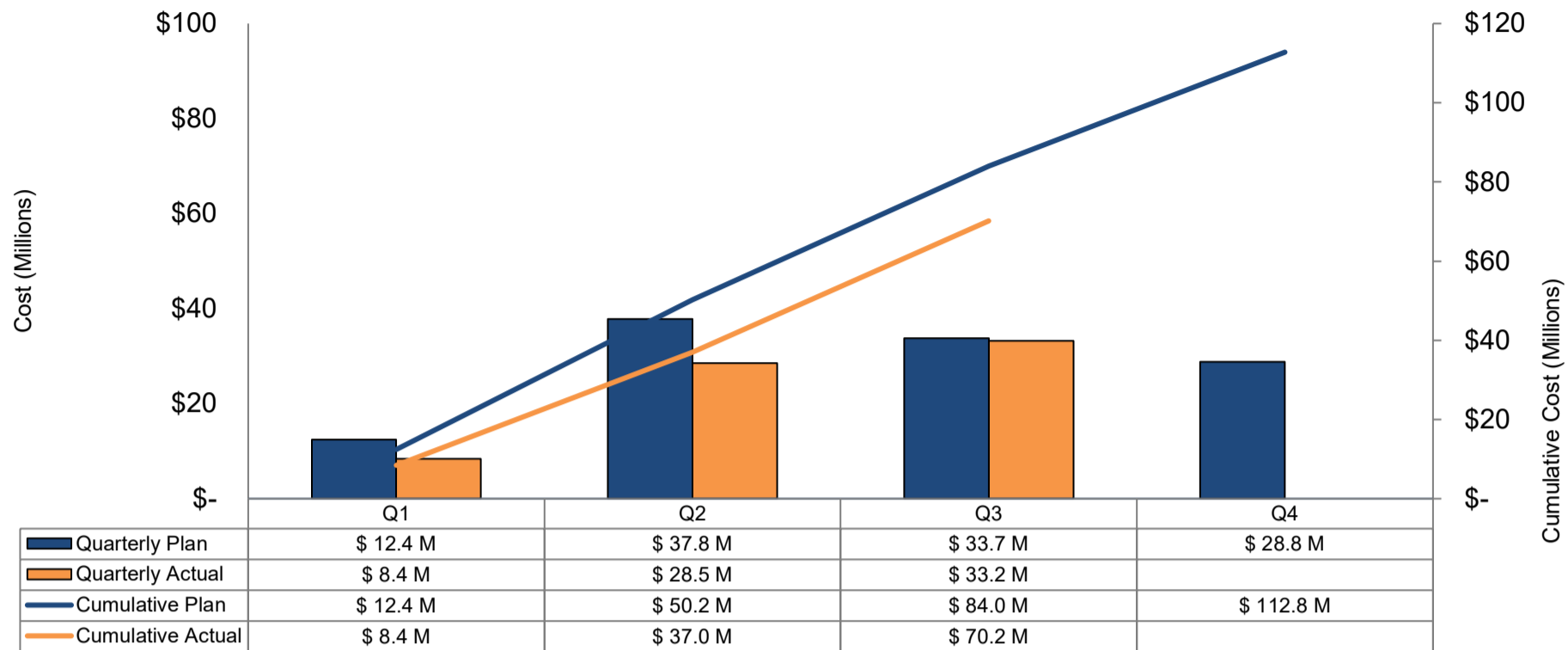
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4B. Neighborhood - Quantity Graphs

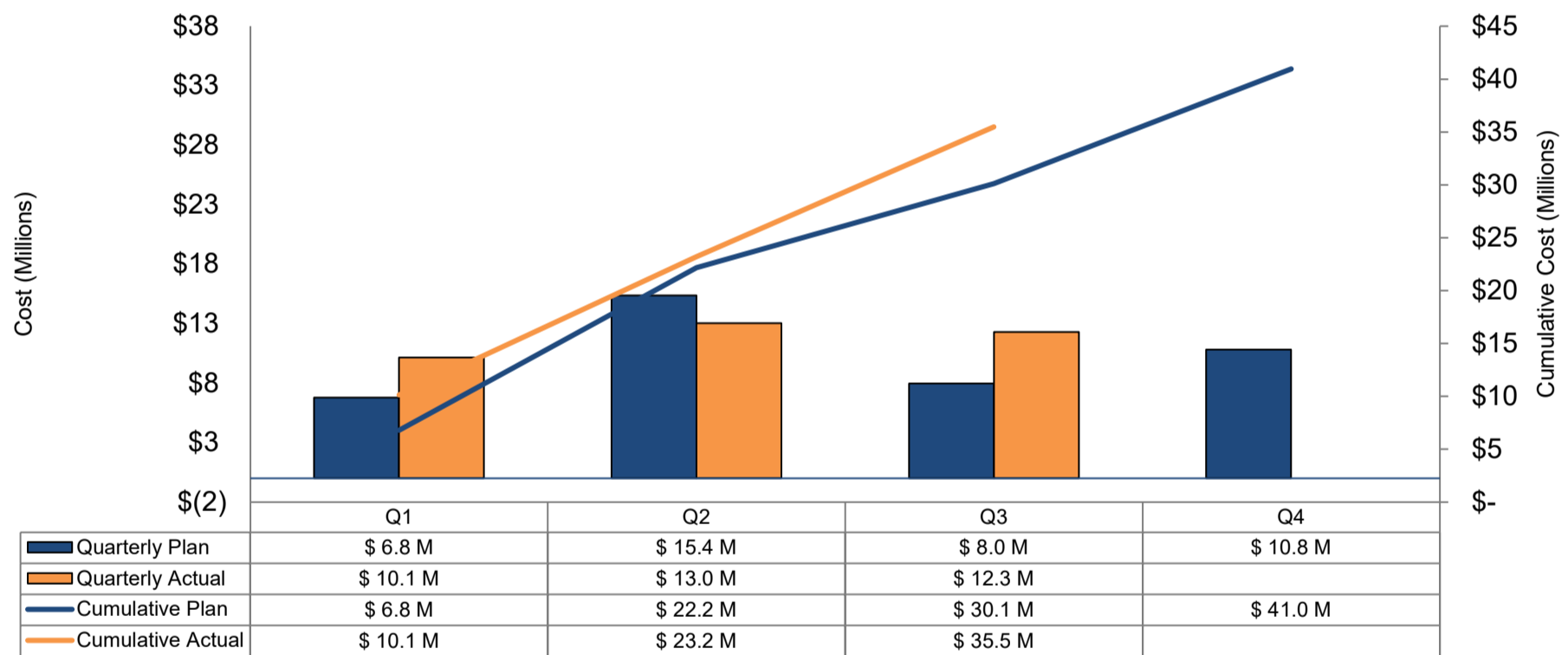


4C. Neighborhood - Cost Graphs

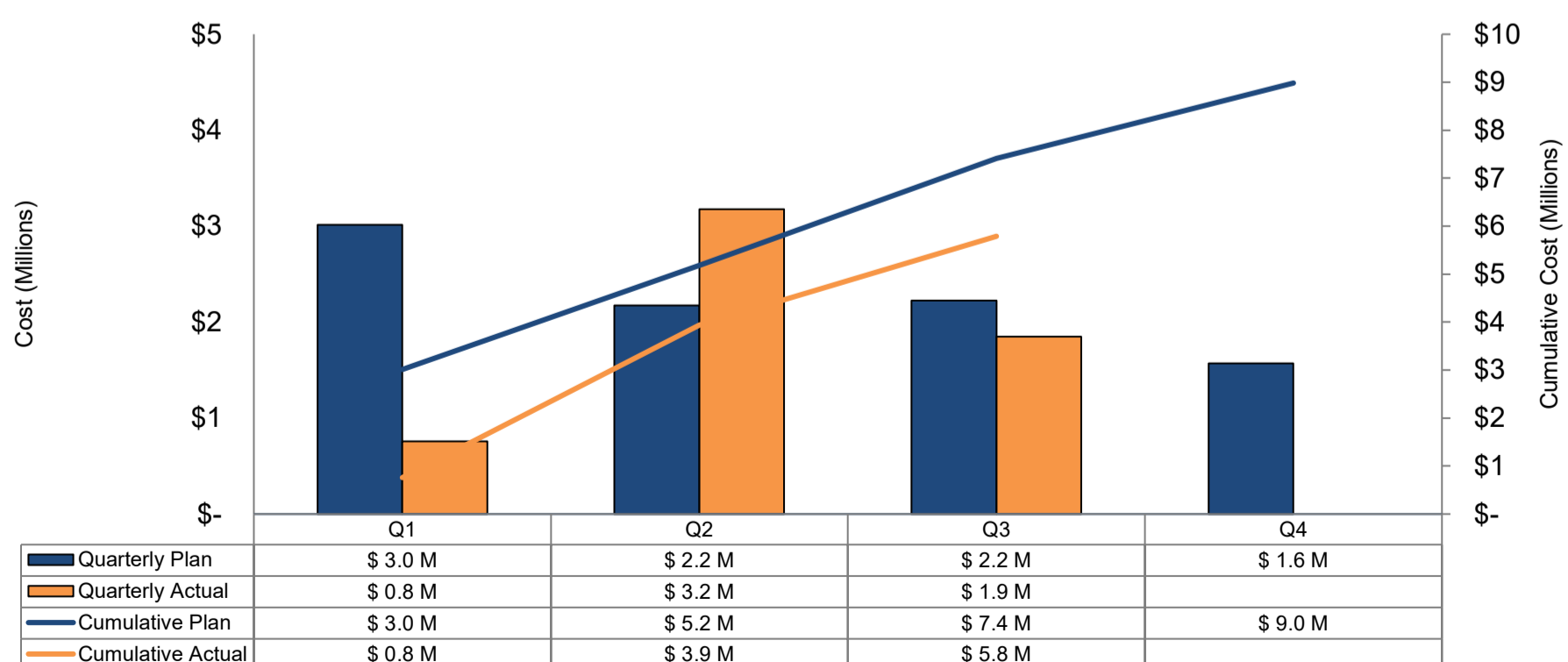
Main Installation Cost (\$M)



Service Installation Cost (\$M)

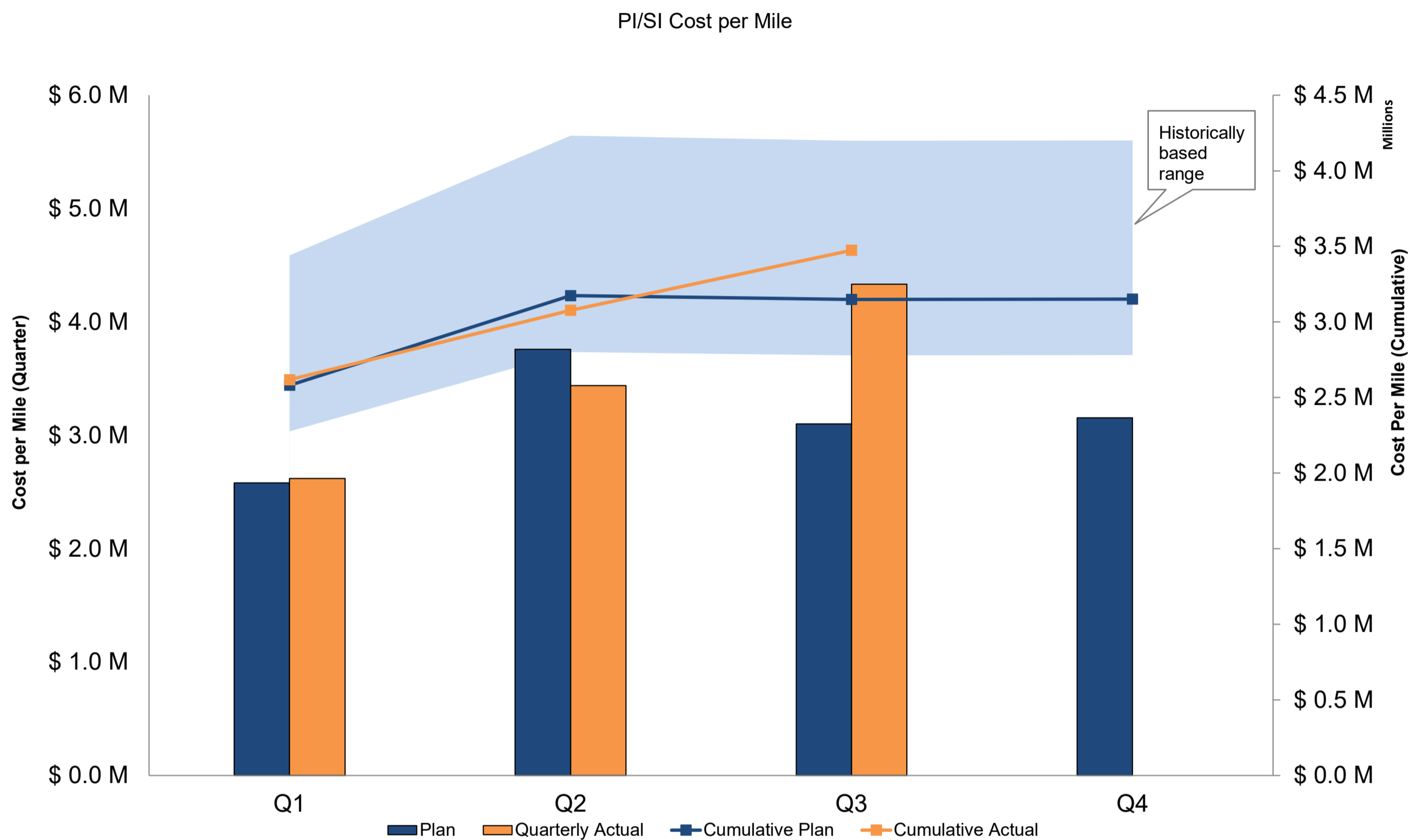


Main Retirement Cost (Field Retirement) (\$M)



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.

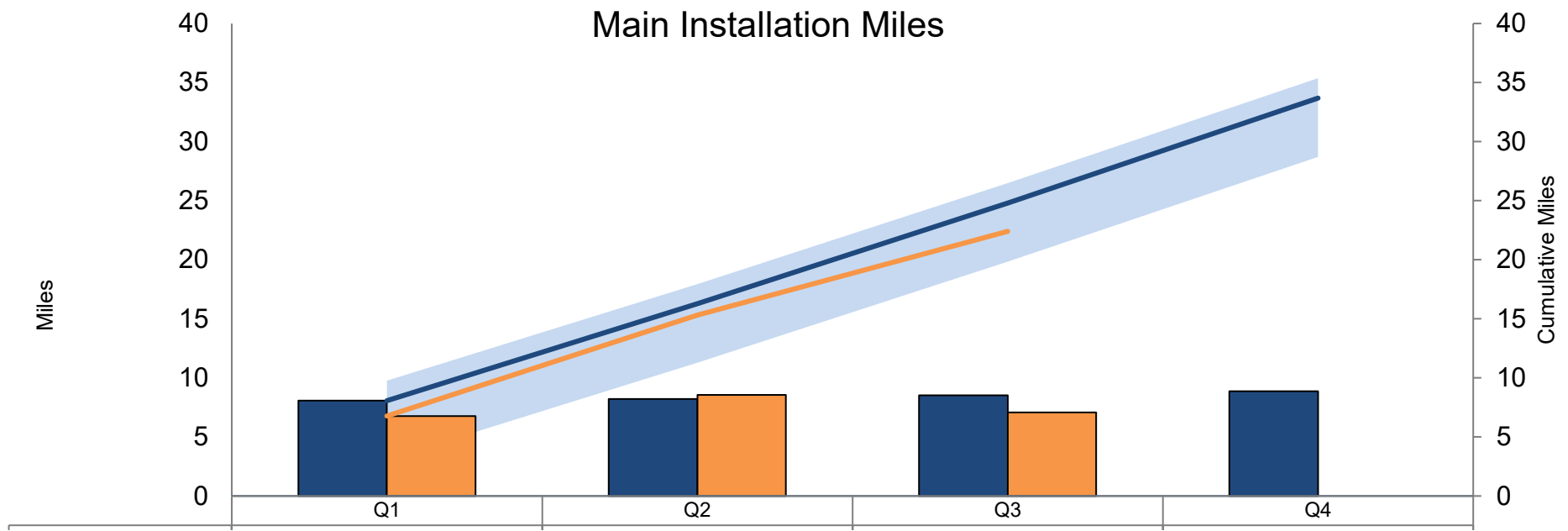
5A. Public Improvement / System Improvement Program Performance



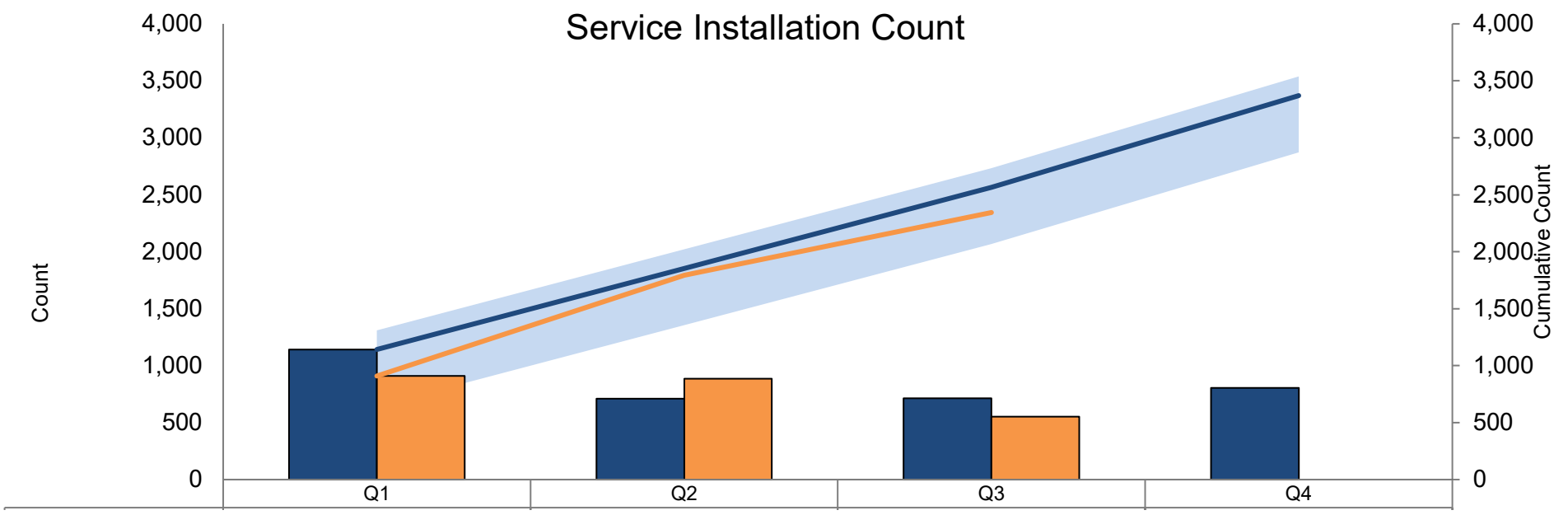
Year-to-Date Numbers

| | Cumulative Planned | | | Cumulative Actual | | |
|---------------------------------|--------------------|-------------|-------------------------------|-------------------|-------------|-------------------------------|
| | Cost (A) | Unit (B) | Cost/Unit (C=A/B) | Cost (D) | Unit (E) | Cost/Unit (F=D/E) |
| Main Install | \$ 53.3 M | 24.8 | \$2.1 M / install mile | \$ 46.1 M | 22.4 | \$2.1 M / install mile |
| Main Retirement | \$ 3.9 M | 12.1 | \$0.3 M / retire mile | \$ 6.4 M | 13.7 | \$0.5 M / retire mile |
| Service Replacement | \$ 12.0 M | 2,565 | \$4,692 / service | \$ 15.6 M | 2,344 | \$6,643 / service |
| Meter Moves (allocation) | \$ 8.9 M | 5,047 | \$1,757 / meter | \$ 9.7 M | 4,988 | \$1,941 / meter |
| TOTAL | \$ 78.1 M | 24.8 | \$3.1 M / install mile | \$ 77.8 M | 22.4 | \$3.5 M / install mile |

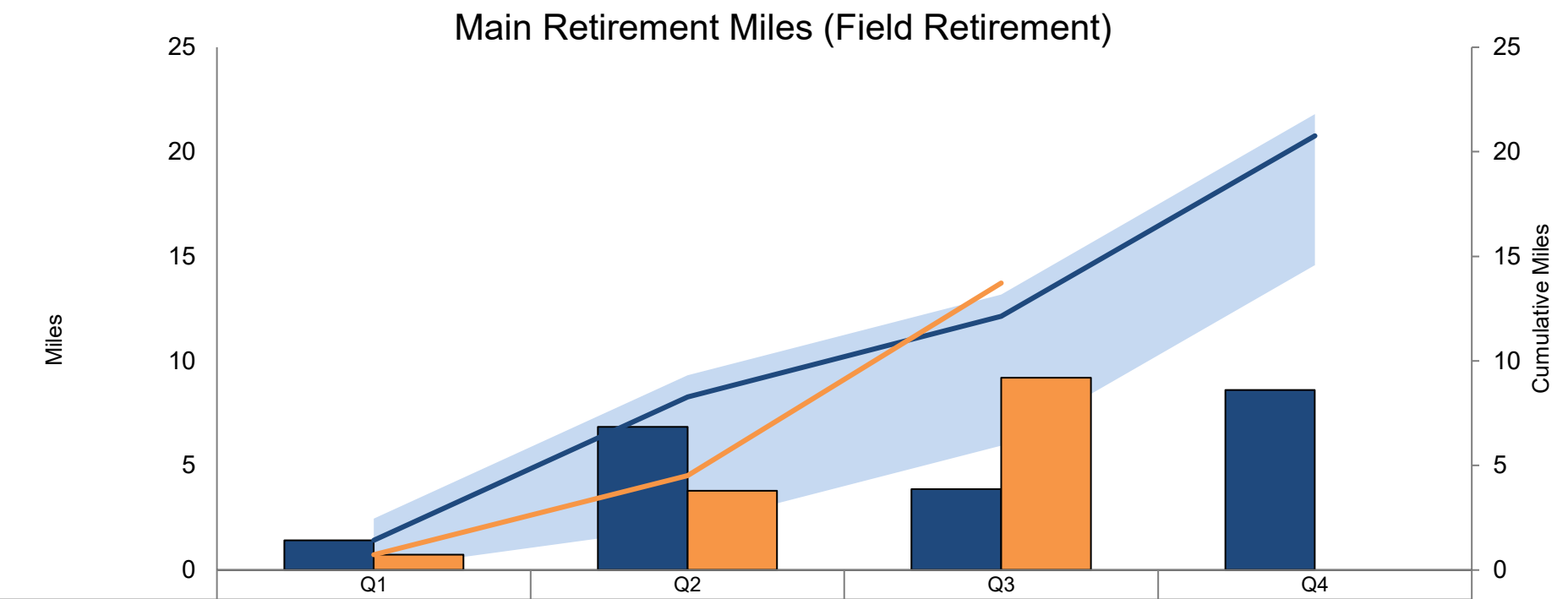
5B. Public Improvement / System Improvement - Quantity Graphs



| | | | | |
|-------------------|-----|------|------|------|
| Quarterly Plan | 8.1 | 8.2 | 8.5 | 8.9 |
| Quarterly Actual | 6.8 | 8.5 | 7.1 | |
| Cumulative Plan | 8.1 | 16.3 | 24.8 | 33.7 |
| Cumulative Actual | 6.8 | 15.3 | 22.4 | |



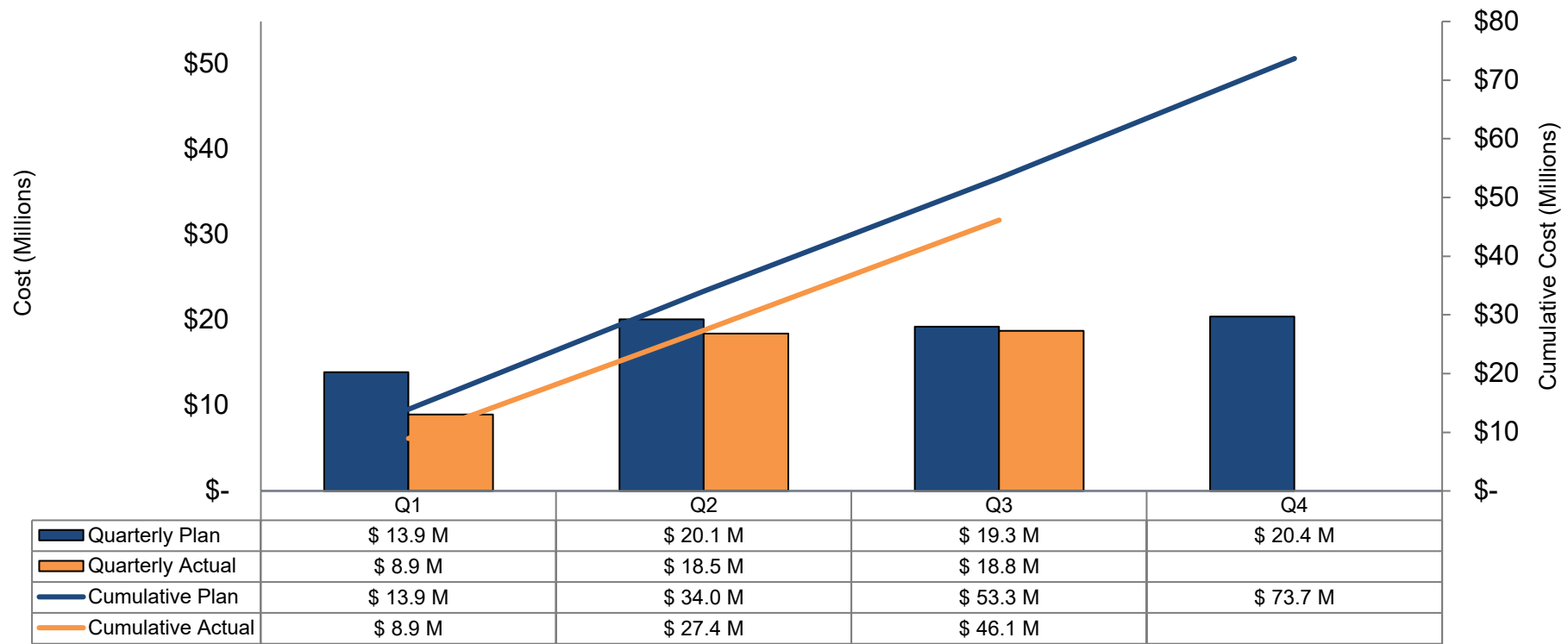
| | | | | |
|-------------------|-------|-------|-------|-------|
| Quarterly Plan | 1,142 | 710 | 713 | 805 |
| Quarterly Actual | 909 | 884 | 551 | |
| Cumulative Plan | 1,142 | 1,852 | 2,565 | 3,370 |
| Cumulative Actual | 909 | 1,793 | 2,344 | |



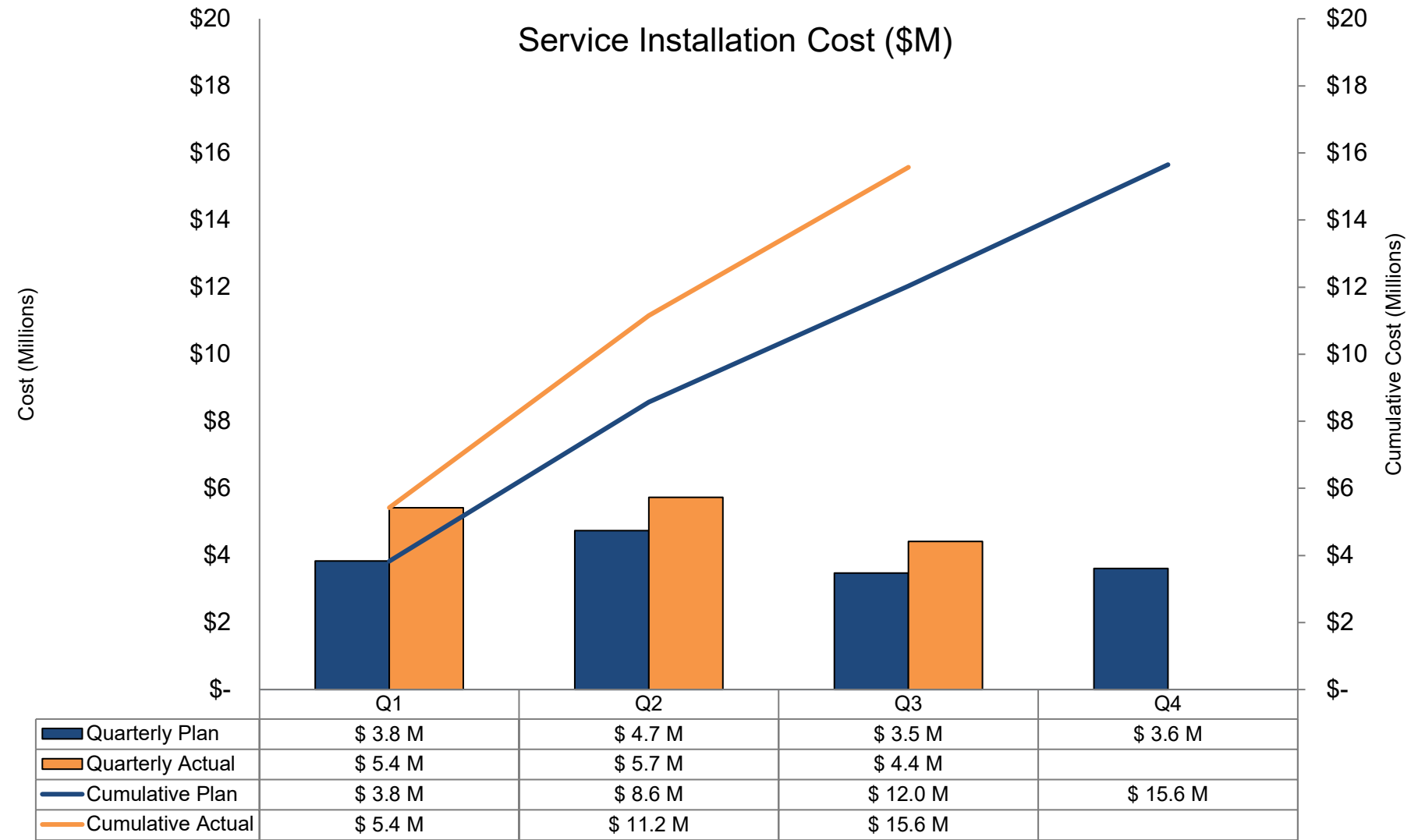
| | | | | |
|-------------------|-----|-----|------|------|
| Quarterly Plan | 1.4 | 6.8 | 3.9 | 8.6 |
| Quarterly Actual | 0.7 | 3.8 | 9.2 | |
| Cumulative Plan | 1.4 | 8.3 | 12.1 | 20.8 |
| Cumulative Actual | 0.7 | 4.5 | 13.7 | |

5C. Public Improvement / System Improvement - Cost Graphs

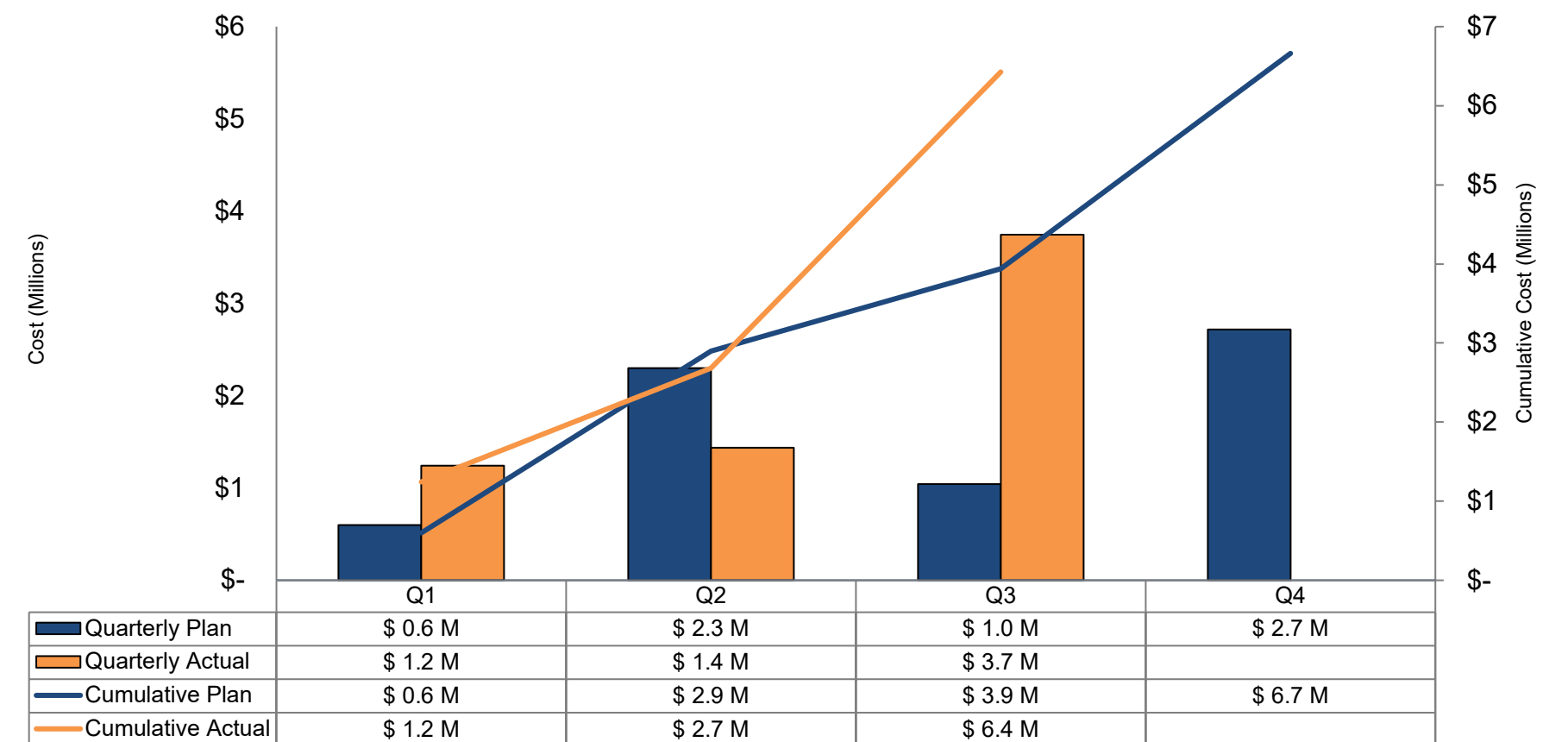
Main Installation Cost (\$M)



Service Installation Cost (\$M)



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

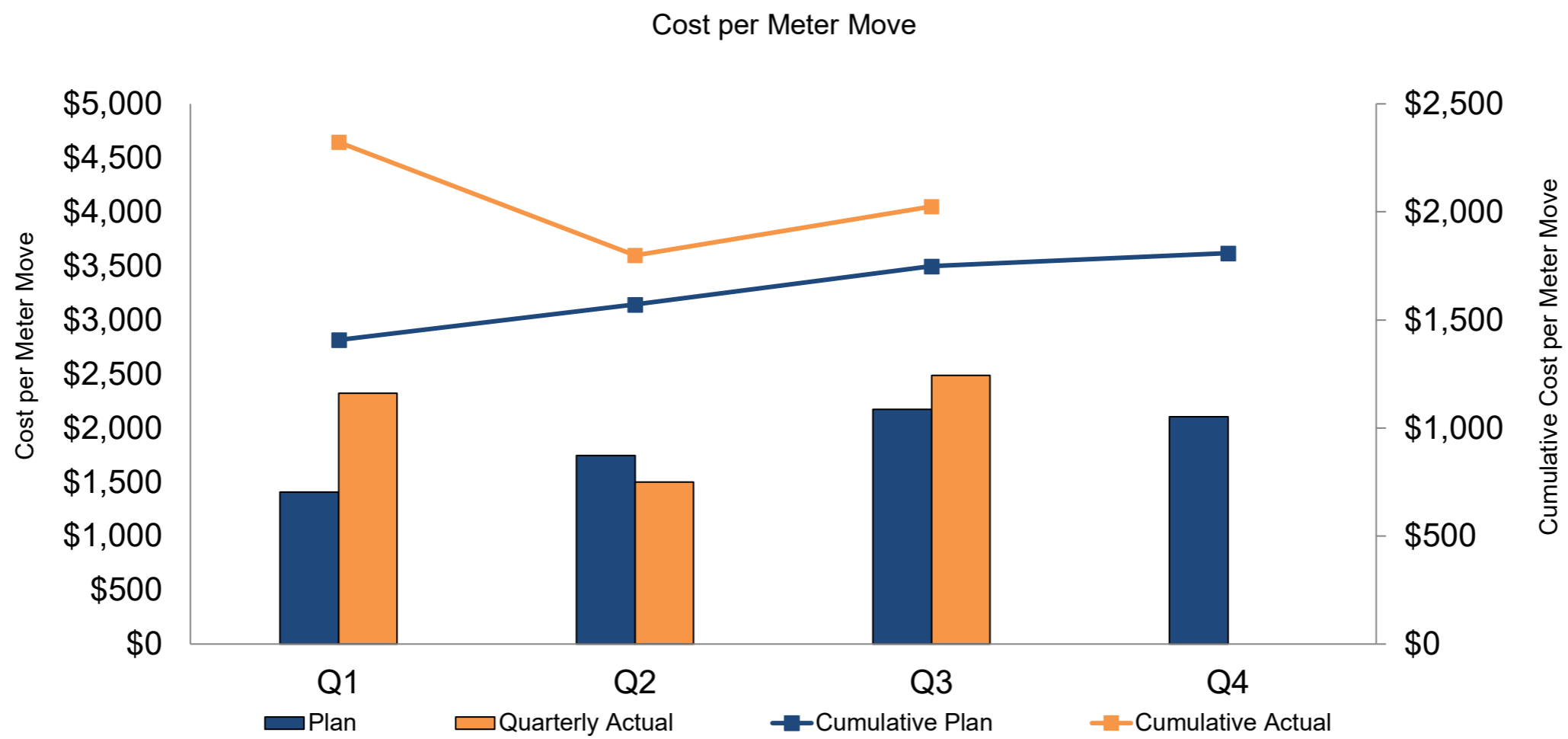


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Meter Moves – Costs associated with moving customer meters as part of the system modernization program.

6A. Meter Moves Program Performance

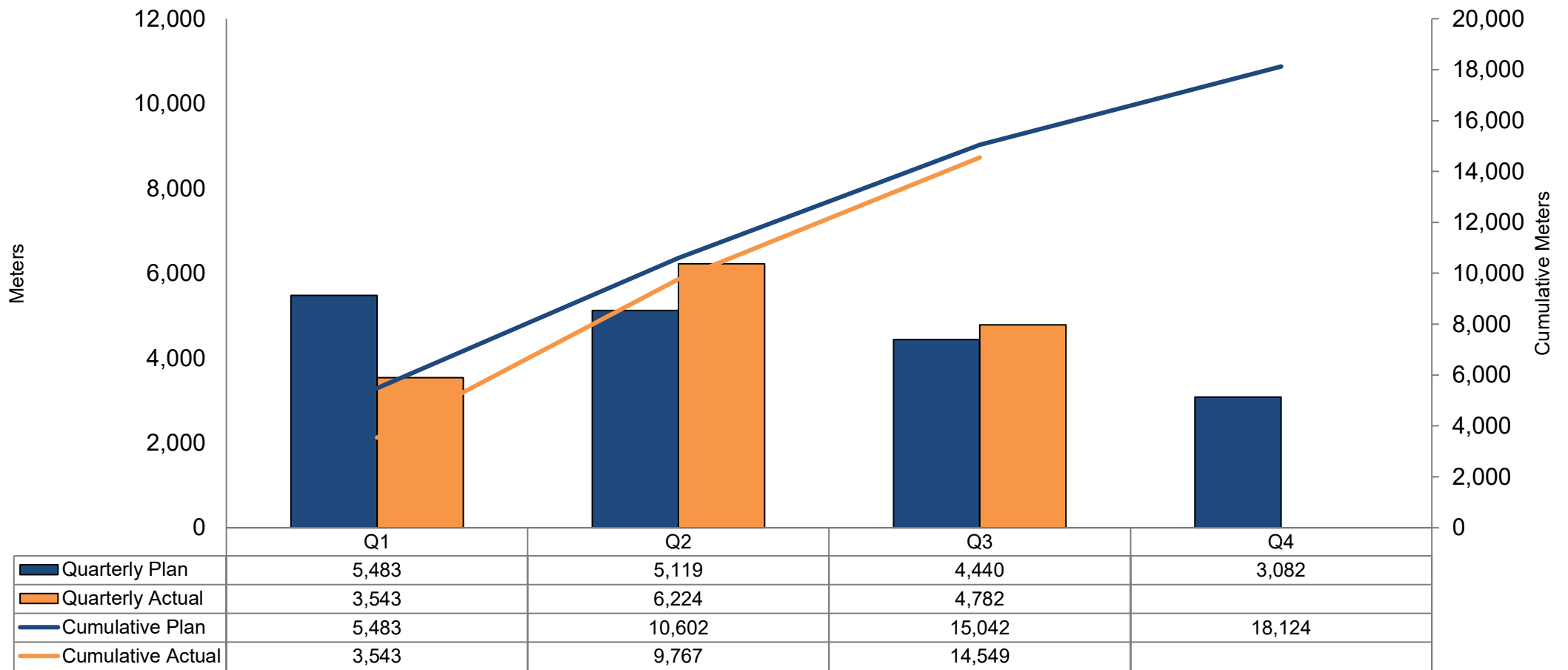


Year-to-Date Numbers

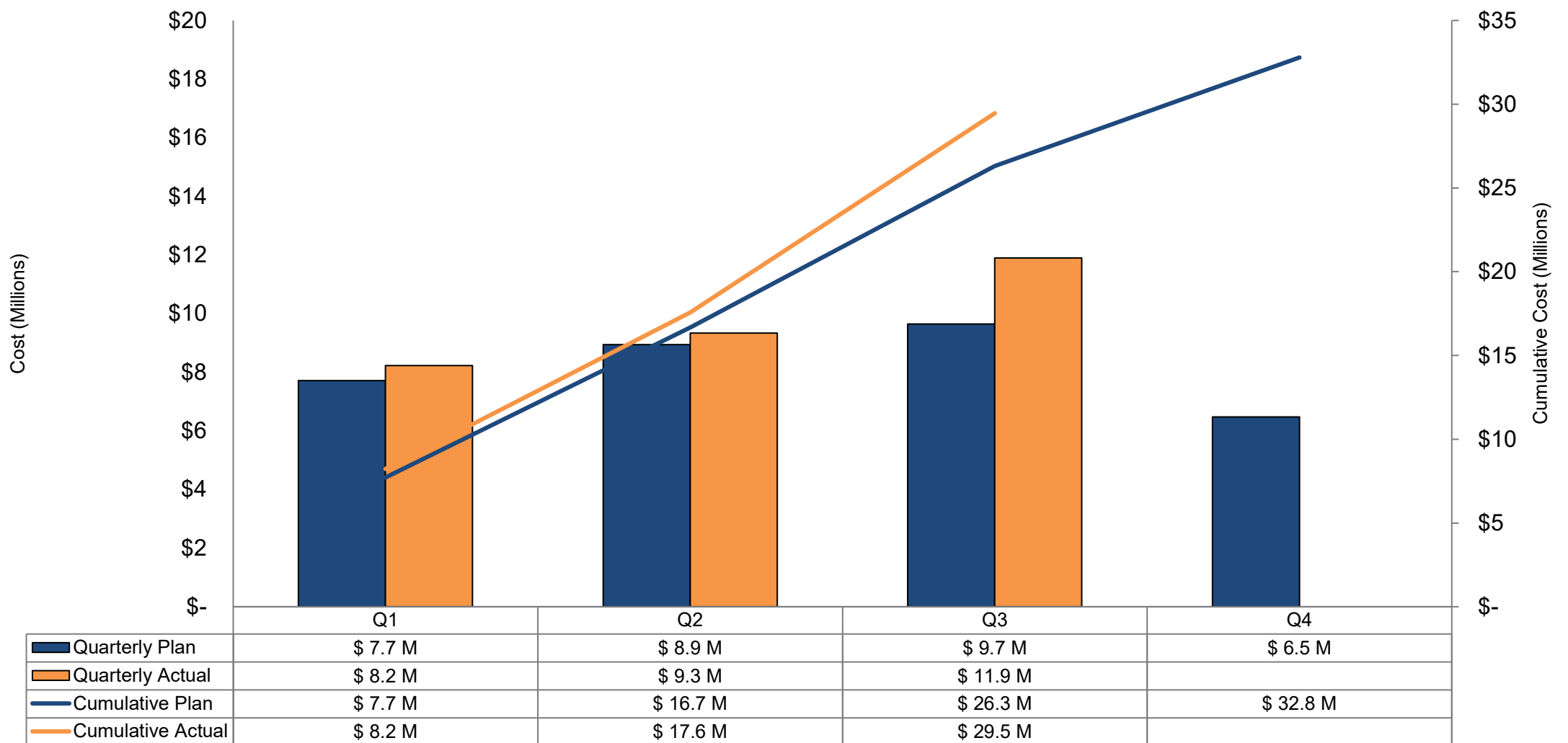
| | Cumulative Planned | | | Cumulative Actual | | |
|---------------------------------|--------------------|----------|-------------------|-------------------|----------|-------------------|
| | Cost (A) | Unit (B) | Cost/Unit (C=A/B) | Cost (D) | Unit (E) | Cost/Unit (F=D/E) |
| Meter Moves (allocation) | \$ 26.3 M | 15,042 | \$1,749 / meter | \$ 29.5 M | 14,549 | \$2,025 / meter |

6B. Meter Move Quantity and Cost

Meter Quantity



Meter Cost (\$M)



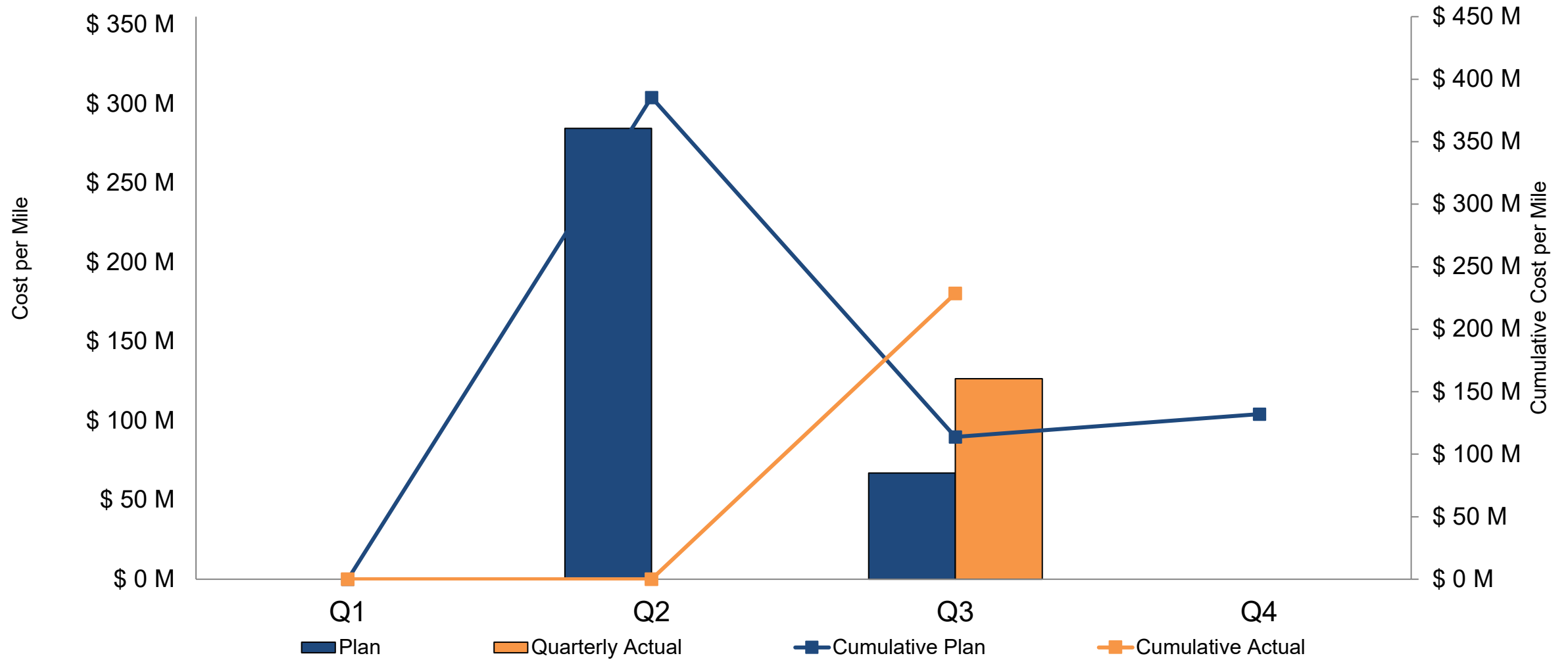
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High Pressure (HP) - Projects that support upgrading the system from Low Pressure to Medium Pressure as well as projects establishing records and maximum allowable operating pressures.

7A. HP Program Performance

HP Cost per Mile



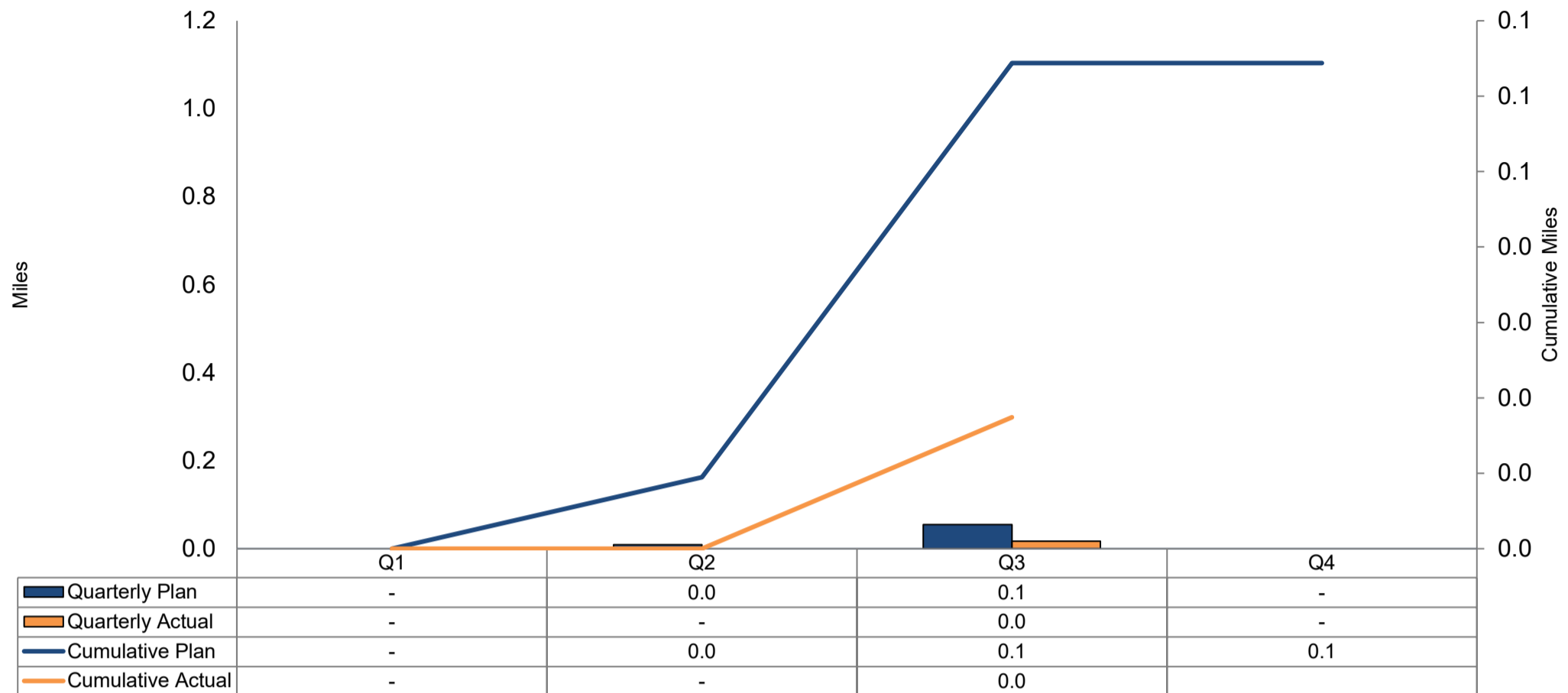
Year-to-Date Numbers

| | Cumulative Planned | | | Cumulative Actual | | |
|---------------------|--------------------|----------|-------------------|-------------------|----------|-------------------|
| | Cost (A) | Unit (B) | Cost/Unit (C=A/B) | Cost (D) | Unit (E) | Cost/Unit (F=D/E) |
| Main Install | \$ 7.3 M | 0.06 | n/a | \$ 4.0 M | 0.02 | n/a |

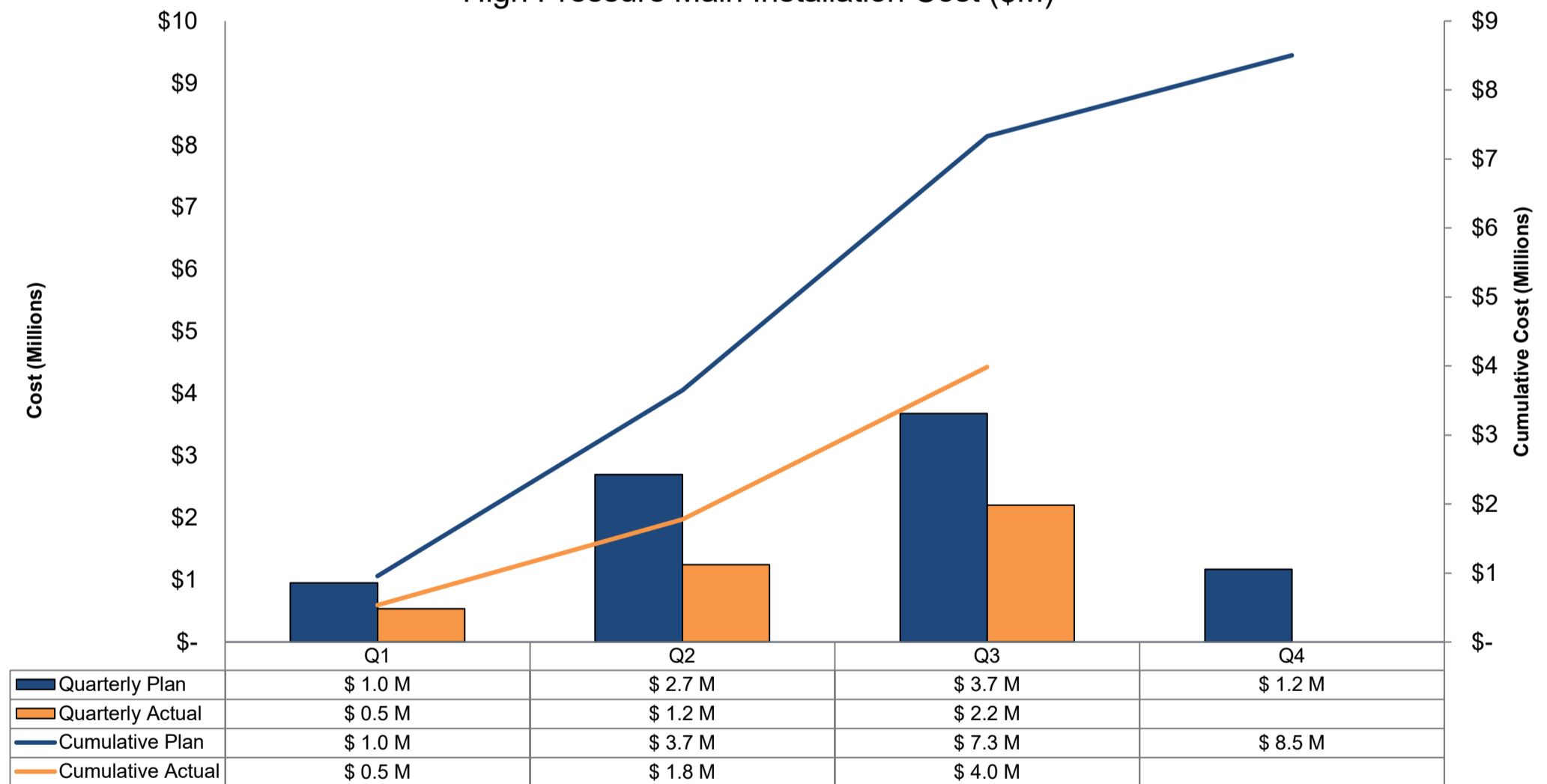
The High Pressure Program work this year involves the construction of a gate station. This gate station will have a footprint of about 25,000 square feet and includes various pieces of equipment like valves and heaters. While the required cost per mile metric is shown here, the metric is not representative 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)



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8A. Disconnection Metrics

A.1. Number of Disconnections per month

| | 2021-01 | 2021-02 | 2021-03 | 2021-04 | 2021-05 | 2021-06 | 2021-07 | 2021-08 | 2021-09 | YTD Total |
|--|------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|---------------|
| Res Heating -Low Income ⁽¹⁾ | - | - | - | - | - | - | 17 | 122 | 78 | 217 |
| Res Heating -Not-Low Income ⁽¹⁾ | - | - | - | 44 | 156 | 496 | 2,316 | 3,580 | 2,659 | 9,251 |
| Res Non-Heating | - | - | - | - | 3 | 11 | 150 | 242 | 228 | 634 |
| Non Residential | 129 | 128 | 289 | 160 | 221 | 350 | 188 | 143 | 132 | 1,740 |
| Total | 129 | 128 | 289 | 204 | 380 | 857 | 2,671 | 4,087 | 3,097 | 11,842 |

A.2. Percentage of Disconnections per month

| | 2021-01 | 2021-02 | 2021-03 | 2021-04 | 2021-05 | 2021-06 | 2021-07 | 2021-08 | 2021-09 | YTD Total |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Res Heating -Low Income ⁽¹⁾ | - | - | - | - | - | - | 0.0021% | 0.0152% | 0.0097% | 0.0270% |
| Res Heating -Not-Low Income ⁽¹⁾ | - | - | - | 0.0055% | 0.0194% | 0.0617% | 0.2882% | 0.4455% | 0.3309% | 1.1512% |
| Res Non-Heating | - | - | - | - | 0.0004% | 0.0014% | 0.0187% | 0.0301% | 0.0284% | 0.0789% |
| Non-Residential | 0.1640% | 0.1627% | 0.3673% | 0.2034% | 0.2809% | 0.4448% | 0.2389% | 0.1817% | 0.1678% | 2.2115% |

A.3. Number of Accounts Eligible for Disconnection⁽²⁾

| | 2021-01 | 2021-02 | 2021-03 | 2021-04 | 2021-05 | 2021-06 | 2021-07 | 2021-08 | 2021-09 | YTD Total |
|--|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Res Heating -Low Income ⁽¹⁾ | - | - | - | 301 | 122 | 131 | 743 | 711 | 1,051 | 3,059 |
| Res Heating -Not-Low Income ⁽¹⁾ | - | - | - | 11,967 | 9,203 | 22,780 | 26,196 | 23,035 | 25,097 | 118,278 |
| Res Non-Heating | - | - | - | 459 | 500 | 2,006 | 2,614 | 2,916 | 3,642 | 12,137 |
| Non Residential | 3,098 | 4,066 | 4,593 | 3,783 | 3,402 | 3,166 | 2,623 | 2,081 | 2,143 | 28,955 |
| Total | 3,098 | 4,066 | 4,593 | 16,510 | 13,227 | 28,083 | 32,176 | 28,743 | 31,933 | 162,429 |

A.4. Number of Reconnections per month

| | 2021-01 | 2021-02 | 2021-03 | 2021-04 | 2021-05 | 2021-06 | 2021-07 | 2021-08 | 2021-09 | YTD Total |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| Res Heating -Low Income ⁽¹⁾ | 9 | 5 | 1 | 3 | 2 | 2 | 5 | 20 | 114 | 161 |
| Res Heating -Not-Low Income ⁽¹⁾ | 33 | 13 | 11 | 9 | 18 | 28 | 197 | 701 | 760 | 1,770 |
| Res Non-Heating | 2 | - | 2 | 3 | - | - | 3 | 17 | 20 | 47 |
| Non Residential | 174 | 123 | 138 | 95 | 94 | 87 | 92 | 66 | 67 | 936 |
| Total | 218 | 141 | 152 | 110 | 114 | 117 | 297 | 804 | 961 | 2,914 |

Notes:

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

⁽²⁾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.

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8B. Uncollectibles Metrics

B.1. Dollar Amount of Uncollectibles⁽²⁾

| | 2021-01 | 2021-02 | 2021-03 | 2021-04 | 2021-05 | 2021-06 | 2021-07 ⁽³⁾ | 2021-08 | 2021-09 | YTD Total |
|--|------------------------|------------------------|----------------------|------------------------|------------------------|----------------------|-------------------------|------------------------|------------------------|-------------------------|
| S.C. 1 Heating - Low Income ⁽¹⁾ | \$ 18,778.12 | \$ 5,651.05 | \$ 18,490.17 | \$ 9,113.28 | \$ (943.92) | \$ 2,701.64 | \$ 617,818.57 | \$ 71,169.03 | \$ 85,686.59 | \$ 828,464.53 |
| S.C. 1 Heating - Not Low Income ⁽¹⁾ | \$ (408,460.07) | \$ (355,405.74) | \$ 636,808.35 | \$ (314,786.94) | \$ (348,859.06) | \$ 76,777.27 | \$ 17,251,101.80 | \$ 1,542,899.10 | \$ 1,588,839.65 | \$ 19,668,914.36 |
| S.C. 1 Non-Heating | \$ (21,108.91) | \$ (17,474.12) | \$ (22,920.12) | \$ (28,531.06) | \$ (32,153.38) | \$ 5,259.74 | \$ 1,102,449.74 | \$ 100,760.37 | \$ 77,315.15 | \$ 1,163,597.41 |
| S.C. 2 | \$ 14,424.74 | \$ (27,751.52) | \$ 47,600.97 | \$ (34,898.33) | \$ 56,216.94 | \$ 25,334.87 | \$ 1,050,589.30 | \$ 157,906.76 | \$ 166,277.22 | \$ 1,455,700.95 |
| S.C. 4 | \$ - | \$ - | \$ 2,703.87 | \$ - | \$ - | \$ 112.65 | \$ - | \$ - | \$ - | \$ 2,816.52 |
| S.C. 8 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ (396,366.12) | \$ (394,980.33) | \$ 682,683.24 | \$ (369,103.05) | \$ (325,739.42) | \$ 110,186.17 | \$ 20,021,959.41 | \$ 1,872,735.26 | \$ 1,918,118.61 | \$ 23,119,493.77 |

Notes:

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

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

⁽³⁾Large Uncollectibles in July 2021 were the result of accounts that were finalized in 2020 but were not sent to a collection agency until June and July of 2021 due to a collection moratorium ordered by the ICC resulting from the economic impacts of COVID-19 on our customer base. If there had not been a hold on sending accounts to collection agencies these accounts would have been written off late 2020 or early 2021.

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8C. Bill Impact Metrics - July 2021

| Line No. | Service Classification [A] | Therm Sales ⁽¹⁾ [B] | Number of Customers ⁽²⁾ [C] | Average monthly usage per service classification [D] = [B] / [C] | Base Rate Charges ⁽³⁾ [E] | Rider QIP Charges ⁽⁴⁾ [F] | Gas Charges ⁽⁵⁾ [G] | Other Rider Charges ⁽⁶⁾ [H] | Other State Charges ⁽⁷⁾ [I] | State and Municipal Taxes ⁽⁸⁾ [J] | Total [K] Sum of col. [E]-[J] |
|-----------|---|--------------------------------|--|--|--------------------------------------|--------------------------------------|--------------------------------|--|--|--|----------------------------------|
| 1 | Sales | | | | | | | | | | |
| 2 | S. C. 1 Non-Htg | 358,100 | 95,416 | 4 | \$ 1,604,362 | \$ 571,288 | \$ 220,527 | \$ 35,160 | \$ 52,380 | \$ 213,347 | \$ 2,697,065 |
| 3 | S. C. 1 Heating | 10,506,456 | 662,559 | 16 | \$ 24,474,947 | \$ 8,731,705 | \$ 6,605,562 | \$ 1,227,419 | \$ 365,120 | \$ 3,707,453 | \$ 45,112,205 |
| 4 | S. C. 2 | 7,307,196 | 60,468 | 121 | 5,466,956 | 1,949,515 | 4,462,317 | 460,186 | 333,220 | 1,229,895 | 13,902,089 |
| 5 | S. C. 4 | 155,147 | 9 | 17,239 | 66,816 | 23,790 | 98,269 | 6,173 | 59 | 13,487 | 208,594 |
| 6 | S. C. 5 / 7 | - | - | - | - | - | - | - | - | - | - |
| 7 | S. C. 8 | 1,675 | 5 | 335 | 1,324 | 472 | 1,049 | 257 | 25 | 301 | 3,427 |
| 8 | Total Sales | 18,328,573 | 818,457 | | \$ 31,614,405 | \$ 11,276,770 | \$ 11,387,724 | \$ 1,729,195 | \$ 750,803 | \$ 5,164,483 | \$ 61,923,380 |
| 9 | Transportation | | | | | | | | | | |
| 10 | S. C. 1 Non-Htg | 23,472 | 6,331 | 4 | 105,416 | 37,583 | 1,106 | 1,554 | 3,455 | 14,405 | 163,520 |
| 11 | S. C. 1 Heating | 697,342 | 33,145 | 21 | 1,274,853 | 454,553 | 82,869 | 55,515 | 18,304 | 217,537 | 2,103,630 |
| 12 | S. C. 2 | 7,486,906 | 16,539 | 453 | 4,098,609 | 1,460,796 | 741,202 | 336,895 | 91,093 | 1,228,953 | 7,957,548 |
| 13 | S. C. 4 | 10,392,834 | 165 | 62,987 | 2,080,661 | 741,708 | 161,130 | 335,147 | 4,164 | 960,583 | 4,283,392 |
| 14 | S. C. 5 / 7 | 2,554,236 | 2 | 1,277,118 | 328,014 | - | - | 38,508 | 433 | 94,892 | 461,847 |
| 15 | S. C. 8 | 58,901 | 3 | 19,634 | 8,524 | 3,030 | 592 | 1,985 | 17 | 6,144 | 20,291 |
| 16 | Contract and Pool | - | - | - | 94,326 | 11,924 | 59,509 | - | - | 15,153 | 180,912 |
| 17 | Total Transportation | 21,213,690 | 56,185 | | \$ 7,990,403 | \$ 2,709,593 | \$ 1,046,410 | \$ 769,603 | \$ 117,466 | \$ 2,537,666 | \$ 15,171,141 |
| 18 | Sales and Transportation | | | | | | | | | | |
| 19 | S. C. 1 Non-Htg | 381,572 | 101,747 | 4 | 1,709,779 | 608,871 | 221,634 | 36,715 | 55,835 | 227,752 | 2,860,584 |
| 20 | S. C. 1 Heating | 11,203,798 | 695,704 | 16 | 25,749,799 | 9,186,258 | 6,688,431 | 1,282,933 | 383,424 | 3,924,990 | 47,215,835 |
| 21 | S. C. 2 | 14,794,102 | 77,007 | 192 | 9,565,565 | 3,410,311 | 5,203,519 | 797,081 | 424,313 | 2,458,848 | 21,859,637 |
| 22 | S. C. 4 | 10,547,980 | 174 | 60,621 | 2,147,478 | 765,498 | 259,399 | 341,320 | 4,223 | 974,069 | 4,491,987 |
| 23 | S. C. 5 / 7 | 2,554,236 | 2 | 1,277,118 | 328,014 | - | - | 38,508 | 433 | 94,892 | 461,847 |
| 24 | S. C. 8 | 60,576 | 8 | 7,572 | 9,848 | 3,502 | 1,641 | 2,242 | 41 | 6,445 | 23,719 |
| 25 | Contract and Pool | - | - | - | 94,326 | 11,924 | 59,509 | - | - | 15,153 | 180,912 |
| 26 | Total Sales and Transportation | 39,542,263 | 874,642 | | \$ 39,604,808 | \$ 13,986,363 | \$ 12,434,133 | \$ 2,498,798 | \$ 868,269 | \$ 7,702,149 | \$ 77,094,521 |
| 27 | Add: Other Revenues ⁽⁹⁾ | | | | | | | | | | \$ (4,886,482) |
| 28 | Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27) | | | | | | | | | | \$ 72,208,040 |

* There may be differences due to rounding.

Notes: (1) Excludes Company Use of 396,590 therms.

(2) Number of customers at July 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.

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8C. Bill Impact Metrics - August 2021

| Line No. | Service Classification [A] | Therm Sales ⁽¹⁾ [B] | Number of Customers ⁽²⁾ [C] | Average monthly usage per service classification [D] = [B] / [C] | Base Rate Charges ⁽³⁾ [E] | Rider QIP Charges ⁽⁴⁾ [F] | Gas Charges ⁽⁵⁾ [G] | Other Rider Charges ⁽⁶⁾ [H] | Other State Charges ⁽⁷⁾ [I] | State and Municipal Taxes ⁽⁸⁾ [J] | Total [K] Sum of col. [E]-[J] |
|-----------|---|--------------------------------|--|--|--------------------------------------|--------------------------------------|--------------------------------|--|--|--|----------------------------------|
| 1 | Sales | | | | | | | | | | |
| 2 | S. C. 1 Non-Htg | 227,181 | 95,107 | 2 | \$ 1,543,263 | \$ 562,480 | \$ 166,097 | \$ 28,579 | \$ 50,376 | \$ 200,835 | \$ 2,551,631 |
| 3 | S. C. 1 Heating | 10,061,587 | 659,440 | 15 | \$ 23,346,852 | \$ 8,507,376 | \$ 6,569,407 | \$ 1,182,027 | \$ 346,241 | \$ 3,570,322 | \$ 43,522,225 |
| 4 | S. C. 2 | 6,619,395 | 60,265 | 110 | 5,289,298 | 1,925,263 | 4,280,985 | 428,450 | 318,975 | 1,181,740 | 13,424,710 |
| 5 | S. C. 4 | 62,314 | 9 | 6,924 | 47,277 | 17,397 | 44,033 | 3,098 | 28 | (1,240) | 110,594 |
| 6 | S. C. 5 / 7 | - | - | - | - | - | - | - | - | - | - |
| 7 | S. C. 8 | 1,633 | 4 | 408 | 1,146 | 418 | 1,063 | 224 | 21 | 279 | 3,151 |
| 8 | Total Sales | 16,972,111 | 814,825 | | \$ 30,227,836 | \$ 11,012,934 | \$ 11,061,586 | \$ 1,642,378 | \$ 715,642 | \$ 4,951,936 | \$ 59,612,311 |
| 9 | Transportation | | | | | | | | | | |
| 10 | S. C. 1 Non-Htg | 22,658 | 6,233 | 4 | 102,485 | 37,362 | 1,139 | 1,491 | 3,364 | 14,248 | 160,088 |
| 11 | S. C. 1 Heating | 506,621 | 32,864 | 15 | 1,183,439 | 431,509 | 84,440 | 49,581 | 17,261 | 191,804 | 1,958,036 |
| 12 | S. C. 2 | 8,770,214 | 16,494 | 532 | 4,244,690 | 1,544,095 | 791,797 | 389,408 | 88,922 | 1,309,866 | 8,368,779 |
| 13 | S. C. 4 | 12,538,313 | 165 | 75,990 | 2,166,797 | 790,025 | 168,984 | 400,215 | 4,180 | 1,133,699 | 4,663,900 |
| 14 | S. C. 5 / 7 | 3,181,679 | 2 | 1,590,840 | 450,184 | - | - | 38,618 | 433 | 150,405 | 639,639 |
| 15 | S. C. 8 | 58,251 | 3 | 19,417 | 8,070 | 2,939 | 629 | 1,978 | 17 | 6,045 | 19,678 |
| 16 | Contract and Pool | - | - | - | 79,380 | 10,642 | 62,658 | - | - | 12,789 | 165,469 |
| 17 | Total Transportation | 25,077,736 | 55,761 | | \$ 8,235,044 | \$ 2,816,572 | \$ 1,109,648 | \$ 881,290 | \$ 114,177 | \$ 2,818,858 | \$ 15,975,588 |
| 18 | Sales and Transportation | | | | | | | | | | |
| 19 | S. C. 1 Non-Htg | 249,839 | 101,340 | 2 | 1,645,748 | 599,842 | 167,236 | 30,070 | 53,740 | 215,083 | 2,711,719 |
| 20 | S. C. 1 Heating | 10,568,208 | 692,304 | 15 | 24,530,291 | 8,938,886 | 6,653,847 | 1,231,608 | 363,503 | 3,762,126 | 45,480,260 |
| 21 | S. C. 2 | 15,389,610 | 76,759 | 200 | 9,533,988 | 3,469,358 | 5,072,782 | 817,858 | 407,897 | 2,491,606 | 21,793,489 |
| 22 | S. C. 4 | 12,600,627 | 174 | 72,417 | 2,214,074 | 807,422 | 213,018 | 403,313 | 4,208 | 1,132,460 | 4,774,494 |
| 23 | S. C. 5 / 7 | 3,181,679 | 2 | 1,590,840 | 450,184 | - | - | 38,618 | 433 | 150,405 | 639,639 |
| 24 | S. C. 8 | 59,884 | 7 | 8,555 | 9,216 | 3,357 | 1,693 | 2,202 | 37 | 6,324 | 22,829 |
| 25 | Contract and Pool | - | - | - | 79,380 | 10,642 | 62,658 | - | - | 12,789 | 165,469 |
| 26 | Total Sales and Transportation | 42,049,847 | 870,586 | | \$ 38,462,880 | \$ 13,829,506 | \$ 12,171,233 | \$ 2,523,668 | \$ 829,818 | \$ 7,770,793 | \$ 75,587,899 |
| 27 | Add: Other Revenues ⁽⁹⁾ | | | | | | | | | | \$ (5,512,379) |
| 28 | Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27) | | | | | | | | | | \$ 70,075,520 |

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 409,860 therms.
 (2) Number of customers at August 17, 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.

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8C. Bill Impact Metrics - September 2021

| Line No. | Service Classification [A] | Therm Sales ⁽¹⁾ [B] | Number of Customers ⁽²⁾ [C] | Average monthly usage per service classification [D] = [B] / [C] | Base Rate Charges ⁽³⁾ [E] | Rider QIP Charges ⁽⁴⁾ [F] | Gas Charges ⁽⁵⁾ [G] | Other Rider Charges ⁽⁶⁾ [H] | Other State Charges ⁽⁷⁾ [I] | State and Municipal Taxes ⁽⁸⁾ [J] | Total [K] Sum of col. [E]-[J] |
|------------------------------------|---|--------------------------------|--|--|--------------------------------------|--------------------------------------|--------------------------------|--|--|--|----------------------------------|
| 1 Sales | | | | | | | | | | | |
| 2 | S. C. 1 Non-Htg | 352,491 | 95,139 | 4 | \$ 1,511,010 | \$ 540,906 | \$ 234,929 | \$ 34,919 | \$ 49,152 | \$ 205,723 | \$ 2,576,641 |
| 3 | S. C. 1 Heating | 10,452,481 | 658,229 | 16 | \$ 23,025,909 | \$ 8,241,322 | \$ 6,904,430 | \$ 1,198,950 | \$ 341,243 | \$ 3,557,243 | \$ 43,269,097 |
| 4 | S. C. 2 | 7,201,971 | 60,085 | 120 | 5,329,768 | 1,893,220 | 4,741,221 | 457,746 | 313,902 | 1,237,965 | 13,973,823 |
| 5 | S. C. 4 | 17,081 | 8 | 0 | 26,083 | 9,234 | 11,954 | 1,781 | 70 | 12,304 | 61,426 |
| 6 | S. C. 5 / 7 | - | - | - | - | - | - | - | - | - | - |
| 7 | S. C. 8 | 1,720 | 6 | 287 | 1,162 | 415 | 1,139 | 229 | 29 | 336 | 3,309 |
| 8 | Total Sales | 18,025,744 | 813,467 | | \$ 29,893,933 | \$ 10,685,098 | \$ 11,893,674 | \$ 1,693,625 | \$ 704,395 | \$ 5,013,572 | \$ 59,884,296 |
| 9 Transportation | | | | | | | | | | | |
| 10 | S. C. 1 Non-Htg | 23,760 | 6,154 | 4 | 95,165 | 34,070 | 1,183 | 1,478 | 3,135 | 13,331 | 148,361 |
| 11 | S. C. 1 Heating | 565,952 | 32,637 | 17 | 1,160,105 | 415,715 | 90,040 | 50,295 | 16,949 | 193,950 | 1,927,054 |
| 12 | S. C. 2 | 9,132,113 | 16,478 | 554 | 4,254,241 | 1,518,709 | 857,115 | 411,100 | 87,769 | 1,318,907 | 8,447,842 |
| 13 | S. C. 4 | 10,854,579 | 167 | 64,997 | 2,110,291 | 755,766 | 190,348 | 347,846 | 4,163 | 956,034 | 4,364,448 |
| 14 | S. C. 5 / 7 | 1,715,616 | 3 | 571,872 | 178,324 | - | - | 32,127 | 433 | 40,292 | 251,176 |
| 15 | S. C. 8 | 49,404 | 3 | 16,468 | 7,036 | 2,518 | 696 | 1,746 | 17 | 5,194 | 17,206 |
| 16 | Contract and Pool | - | - | - | 85,615 | 11,581 | 70,409 | - | - | 13,034 | 180,639 |
| 17 | Total Transportation | 22,341,424 | 55,442 | | \$ 7,890,778 | \$ 2,738,358 | \$ 1,209,792 | \$ 844,592 | \$ 112,465 | \$ 2,540,742 | \$ 15,336,726 |
| 18 Sales and Transportation | | | | | | | | | | | |
| 19 | S. C. 1 Non-Htg | 376,251 | 101,293 | 4 | 1,606,176 | 574,976 | 236,112 | 36,397 | 52,287 | 219,054 | 2,725,002 |
| 20 | S. C. 1 Heating | 11,018,433 | 690,866 | 16 | 24,186,014 | 8,657,037 | 6,994,470 | 1,249,245 | 358,191 | 3,751,193 | 45,196,151 |
| 21 | S. C. 2 | 16,334,085 | 76,563 | 213 | 9,584,009 | 3,411,929 | 5,598,336 | 868,847 | 401,671 | 2,556,872 | 22,421,665 |
| 22 | S. C. 4 | 10,871,660 | 175 | 62,124 | 2,136,374 | 765,000 | 202,302 | 349,627 | 4,233 | 968,338 | 4,425,874 |
| 23 | S. C. 5 / 7 | 1,715,616 | 3 | 571,872 | 178,324 | - | - | 32,127 | 433 | 40,292 | 251,176 |
| 24 | S. C. 8 | 51,124 | 9 | 5,680 | 8,198 | 2,932 | 1,835 | 1,975 | 45 | 5,530 | 20,516 |
| 25 | Contract and Pool | - | - | - | 85,615 | 11,581 | 70,409 | - | - | 13,034 | 180,639 |
| 26 | Total Sales and Transportation | 40,367,168 | 868,909 | | \$ 37,784,710 | \$ 13,423,455 | \$ 13,103,466 | \$ 2,538,217 | \$ 816,860 | \$ 7,554,314 | \$ 75,221,022 |
| 27 | Add: Other Revenues ⁽⁹⁾ | | | | | | | | | | \$ (3,474,830) |
| 28 | Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27) | | | | | | | | | | \$ 71,746,193 |

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 451,060 therms.
 (2) Number of customers at September 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.

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8C. Bill Impact Metrics

Average residential heating customer's monthly bill

Service Classification No. 1 - Residential Heating Customer

| | <u>Therms</u> ⁽¹⁾ | <u>Base Rates</u> ⁽²⁾ | <u>Rider QIP</u> | <u>Gas Charges</u> | <u>Other Riders</u> ⁽³⁾ | <u>Other State Charges</u> ⁽⁴⁾ | <u>State & Municipal Taxes</u> ⁽⁵⁾ | <u>Total</u> |
|----------------------|------------------------------|----------------------------------|------------------|--------------------|------------------------------------|---|---|--------------|
| January | 207.70 | \$ 79.41 | \$ 11.55 | \$ 59.96 | \$ 7.90 | \$ 0.55 | \$ 18.28 | \$ 177.65 |
| February | 172.42 | \$ 71.88 | \$ 11.61 | \$ 50.69 | \$ 6.87 | \$ 0.55 | \$ 15.95 | \$ 157.55 |
| March | 133.32 | \$ 63.54 | \$ 12.04 | \$ 42.92 | \$ 5.69 | \$ 0.55 | \$ 13.60 | \$ 138.34 |
| April | 82.44 | \$ 52.07 | \$ 13.00 | \$ 38.19 | \$ 3.58 | \$ 0.55 | \$ 10.93 | \$ 118.32 |
| May | 36.27 | \$ 42.68 | \$ 13.15 | \$ 19.31 | \$ 2.15 | \$ 0.55 | \$ 7.36 | \$ 85.20 |
| June | 28.33 | \$ 39.45 | \$ 13.28 | \$ 16.35 | \$ 2.28 | \$ 0.55 | \$ 6.68 | \$ 78.59 |
| July | 20.63 | \$ 37.83 | \$ 13.49 | \$ 12.95 | \$ 2.03 | \$ 0.55 | \$ 6.07 | \$ 72.92 |
| August | 17.21 | \$ 37.12 | \$ 13.51 | \$ 11.23 | \$ 1.92 | \$ 0.55 | \$ 5.78 | \$ 70.11 |
| September | 22.65 | \$ 38.04 | \$ 13.63 | \$ 14.99 | \$ 2.16 | \$ 0.55 | \$ 6.33 | \$ 75.70 |
| October | | | | | | | | \$ - |
| November | | | | | | | | \$ - |
| December | | | | | | | | \$ - |
| Calendar Year | 720.97 | \$ 462.02 | \$ 115.26 | \$ 266.59 | \$ 34.58 | \$ 4.95 | \$ 90.98 | \$ 974.38 |

Notes:

⁽¹⁾Weather normalized therms

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

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

⁽⁴⁾Additional state charges and PUAC under Rider 1

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

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8D. System Modernization Program (SMP)

| | D1. | | D2. | D3. | |
|----------------------|-------------------|-------------------|--------------|-------------------------------------|-------------------------------|
| | SMP Dollars Spent | QIP Dollars Spent | SMP % of QIP | S.C. No. 1 Rider QIP ⁽¹⁾ | S.C. No. 1 SMP ⁽²⁾ |
| January | \$ 9,207,156.07 | \$ 9,207,156.07 | 100.0% | \$ 11.55 | \$ 11.55 |
| February | \$ 9,615,462.82 | \$ 9,615,462.82 | 100.0% | \$ 11.61 | \$ 11.61 |
| March | \$ 24,874,723.91 | \$ 24,874,723.91 | 100.0% | \$ 12.04 | \$ 12.04 |
| April | \$ 29,753,569.51 | \$ 29,753,569.51 | 100.0% | \$ 13.00 | \$ 13.00 |
| May | \$ 27,831,265.30 | \$ 27,831,265.30 | 100.0% | \$ 13.15 | \$ 13.15 |
| June | \$ 23,372,437.32 | \$ 23,372,437.32 | 100.0% | \$ 13.28 | \$ 13.28 |
| July | \$ 28,572,735.81 | \$ 28,572,735.81 | 100.0% | \$ 13.49 | \$ 13.49 |
| August | \$ 28,050,091.11 | \$ 28,050,091.11 | 100.0% | \$ 13.51 | \$ 13.51 |
| September | \$ 31,740,803.31 | \$ 31,740,803.31 | 100.0% | \$ 13.63 | \$ 13.63 |
| October | | | | \$ - | \$ - |
| November | | | | \$ - | \$ - |
| December | | | | \$ - | \$ - |
| Calendar Year | \$ 213,018,245.16 | \$ 213,018,245.16 | 100.0% | \$ 115.26 | \$ 115.26 |

Notes:

⁽¹⁾Rider QIP charges from Bill Impact Metric C4.

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

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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) | | | | |
| Lincoln Square | In Progress | 1.05 | 2.77 | 25 | 130 | 3.76 | In Progress | 2021 | | |
| Princeton Park | Complete | 0 | 0 | 0 | 0 | 0 | In Progress | 2021 | | |
| North Mayfair | In Progress | 0 | 0 | 0 | 0 | 0.20 | In Progress | 2021 | | |
| Norwood Park East | In Progress | 6.07 | 8.45 | 578 | 1,037 | 18.10 | In Progress | 2022 | | |
| Avalon Park | In Progress | 0 | 2.40 | 70 | 123 | 1.70 | In Progress | 2021 | | |
| McKinley Park | In Progress | 0.50 | 3.80 | 156 | 463 | 6.70 | In Progress | 2022 | | |
| Kenwood | In Progress | 0 | 0 | 0 | 0 | 0.30 | In Progress | 2021 | | |
| Albany Park | In Progress | 0 | 0 | 0 | 0 | 5.36 | 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 | 3.00 | 4.05 | 336 | 490 | 23.84 | In Progress | 2023 | | |
| Schorsch Village | In Progress | 12.33 | 9.99 | 1,486 | 1,920 | 30.50 | In Progress | 2024 | | |
| Marquette Park | In Progress | 29.27 | 27.00 | 3,725 | 5,833 | 55.70 | In Progress | 2024 | | |
| Jeffery Manor | In Progress | 28.7 | 20.10 | 2,916 | 3,128 | 53.4 | In Progress | 2024 | | |
| Budlong Woods | In Progress | 24.50 | 13.82 | 1,863 | 4,611 | 41.20 | In Progress | 2023 | | |
| Old Irving Park | In Progress | 12.50 | 11.68 | 1,124 | 2,072 | 40.40 | In Progress | 2023 | | |
| Garfield Ridge | In Progress | 62.67 | 38.3 | 7,637 | 8,141 | 77.10 | In Progress | 2026 | | |
| Cragin | In Progress | 46.40 | 30.37 | 4,481 | 7,892 | 70.20 | In Progress | 2026 | | |
| Rosemoor | Not Started | 16.42 | 10.52 | 1,868 | 2,075 | 41.04 | 2022 | 2024 | 21 | 0.15 |
| 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 |

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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 |

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) | | | | |
| 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 / Litt | 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 |

Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending September 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) | | | | |
| 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?* |
|---|---------------------|--------|---------------|------------------|----------|--------|-----------|------------------------|
| 1500-1599 W 18TH PL | Completed -Q3 | SI | 0.28 | 0.08 | 23 | 101 | \$0.31M | |
| MICHIGAN ROOSEVELT TO GARFIELD | Completed -Q3 | SI | .53 | .01 | 25 | 328 | \$1.32M | |
| MICHIGAN ROOSEVELT TO GARFIELD | Completed -Q3 | SI | .33 | 0.1 | 9 | 93 | \$0.80M | |
| SEWER 6875B - 56TH & KEDZIE | Completed -Q3 | PI | .05 | 0.05 | 0 | 0 | \$0.27M | |
| SEWER 7155 - MORSE & BELL | Completed -Q3 | PI | 1.28 | 0.58 | 145 | 212 | \$1.90M | |
| 2600-2800 PRATT | Completed -Q3 | SI | 0.4 | 0.37 | 39 | 51 | \$0.71M | |
| LAVERGNE & LAWRENCE WATER CONFLICT | Completed -Q3 | PI | 0.12 | 0.09 | 22 | 24 | \$0.25M | |
| BARRY & LINCOLN WATER PROJECT | Completed -Q3 | PI | 0.87 | 0.35 | 115 | 242 | \$1.63M | |
| SEWER 7527 - WALLER & POTOMAC | Completed -Q3 | PI | 0.29 | 0.17 | 35 | 38 | \$0.6M | |
| SEWER 7289 - HIGGINS & MASON | Completed -Q3 | PI | 0.51 | 0.42 | 40 | 39 | \$2.34M | |
| 2100-2300 N MULLIGAN | Completed -Q3 | SI | 0.74 | 0.30 | 94 | 104 | \$1.27M | |
| 2000-2300 W IRVING PARK | Completed -Q3 | SI | 0.96 | 0.87 | 64 | 156 | \$0.88M | |
| 26TH & ELLIS - CDOT RADIOACTIVE SOIL SITE REMEDIATION | Completed -Q3 | PI | 0.28 | 0.28 | 1 | 0 | \$0.70M | |
| 111TH & MICHIGAN UMRI | Completed -Q3 | SI | 0.31 | 0.18 | 19 | 20 | \$0.68M | |
| 57TH & HOMAN UMRI | Completed -Q2 | PI | 0.39 | 0.21 | 55 | 57 | \$0.62M | Yes |
| SEWER 7110 - BEACH & HOMAN | Completed -Q2 | PI | 0.62 | 0.27 | 109 | 132 | \$1.95M | Yes |

* 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. Data from Q2 is included here as it was not available at the time the previous report was published.

Peoples Gas - ICC Recommendation From Kiefner Engineering Study

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Appendix D - Progress towards Completion of Commission Requirements

1. Pace of Replacement



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

2. Natural Forces



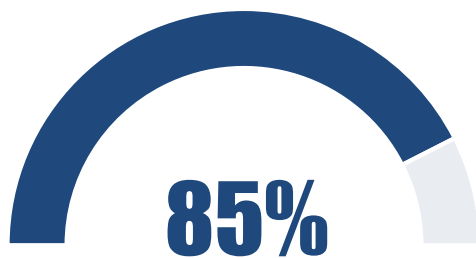
Deliverable: Annual narrative on Frost Depth Data (into GIS) from previous winter (and if any new predictive tool begins to influence MRI)

3. Corrosion



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

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

Peoples Gas - ICC Recommendation From Kiefner Engineering Study

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Appendix D - Progress towards Completion of Commission Requirements

| Tasks No. | Recommendation Description | Status Update |
|-----------|---|--|
| 1 | Pace of Replacement 100% Complete | • Complete - No update |
| 2 | Natural Forces 100% Complete | • Complete - No update |
| 3 | Corrosion 100% Complete | • Complete - No update |
| 4 | Enhanced Coupon Collection Procedure 85% Complete | • PGL plans to finalize coupon preparation procedural changes in Q4 of 2021. |
| 5 | Coupon Location 100% Complete | • Complete - No update |
| 6 | Neighborhood Ranking - Existing Model 100% Complete | • Complete - No update |
| 7 | Neighborhood Ranking - Kiefner Models 100% Complete | • Complete - No update |