



Schorsch Village Phase 1- Post valve installation on Nagle

The Peoples Gas Light and Coke Company
System Modernization Program
ICC 2020 3rd Quarter Report

SMP Progress through: September 30, 2020
Published: November 13, 2020

Quarterly Highlights

1. Due to the COVID-19 pandemic, customer facing work was significantly reduced during the second quarter and resumed with safety precautions during the third quarter. While customer facing work was paused, project teams adapted and leveraged the reduced vehicular and foot traffic downtown to continue to progress critical infrastructure upgrades.
2. Despite the public health emergency, Neighborhood cost per mile continues to be aligned with the Plan. The cost per mile for Public Improvement and System Improvement work is currently trending higher than planned as a result of pausing customer facing work and completing more complex and higher cost work in the central business district instead. Cost per mile trends are anticipated to align with the Plan by year end.
3. Main installation on a critical high pressure supply source into Northwest Chicago was completed during the third quarter. This installation will allow Peoples Gas to complete construction in higher risk ranked Neighborhoods, which are dependent upon this supply source.

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November 13, 2020

Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701

Dear Chairman Zalewski and Commissioners Oliva, Kimbrel, Bocanegra and Carrigan:

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

Despite the challenges posed by the pandemic, Peoples Gas has continued to make steady progress on SMP. Installation of new gas main is on pace with our goals for the year and crews continue working hard on service installations, meter transfers, and main retirement. Retirements were slowed when appointments to move meters were suspended in the spring to reduce customer and employee exposure to COVID-19. While retirement and investment will end the year below plan primarily due to the pandemic's impact, we are pleased with how project teams incorporated new safety precautions and re-sequenced projects to continue this critical gas infrastructure upgrade work.

Here are a few highlights from the third quarter.

- **Northwest Interconnect Project** – Construction wrapped up on two miles of large diameter, high pressure natural gas main on Chicago's Northwest Side. The new main will allow higher ranked neighborhoods to be converted from low to medium pressure, bringing additional safeguards to those communities. Restoration for the project will finish during the fourth quarter of 2020.
- **Marquette Park Improvements** – Construction started on a major upgrade to the natural gas delivery system in the Marquette Park neighborhood. The multi-phase project runs through 2025 and involves the installation of 47 miles of gas main, 5,200 service lines and 7,400 meters.
- **Projects to Address High-Risk Segments** – Aging iron gas main is ranked according to a risk scale that helps prioritize construction projects executed as part of the System Improvement portfolio of work. One of the highest risk segments of the Peoples Gas delivery system was in the area of Foster and Natchez avenues on the Northwest Side. About 2,100 feet of aging, high-risk main in and around the intersection was retired during the third quarter. Upgrades on another high-risk section at 102nd Street and Eggleston Avenue on the South Side began during the third quarter and main retirement is expected to finish by the end of 2020. This project is within the footprint of the INVEST South/West improvement initiative lead by Mayor Lightfoot.

- **Community coordination** – During the 4th quarter, main installation will start for a System Improvement project in the Ukrainian Village area. The project is located in front of a school and the gas main is part of the system that feeds a medical center. With the proximity to the school (with students and faculty attending in person), during the 3rd quarter project team members met with the local Alderman and school principal in order to coordinate traffic control so that students are dropped-off and picked-up in a safe manner and to ensure that parking is available for the teachers.
- **SMP and Supplier Diversity** – SMP continues to be the bedrock of the Peoples Gas Supplier Diversity Program and is on track to reach its goals in 2020, even in the midst of the pandemic. Last year, SMP accounted for \$54 million of total diverse spending by Peoples Gas – more than a third. The company is committed to sustaining that level of procurement with diverse suppliers throughout the life of SMP.

We continue to work closely with the City of Chicago and other stakeholders to keep customers and employees safe during the COVID-19 public health emergency. We look forward to continuing to partner with you to improve the safety and reliability of our delivery system. As always, feel free to contact me with any questions or concerns.

Sincerely,



Andy Hesselbach
Senior Vice President of Gas Operations – Illinois

Peoples Gas - System Modernization Program *Quarterly Report*

Prepared for the Illinois Commerce Commission - Quarter ending September 30, 2020

2. Summary Observations & Analysis

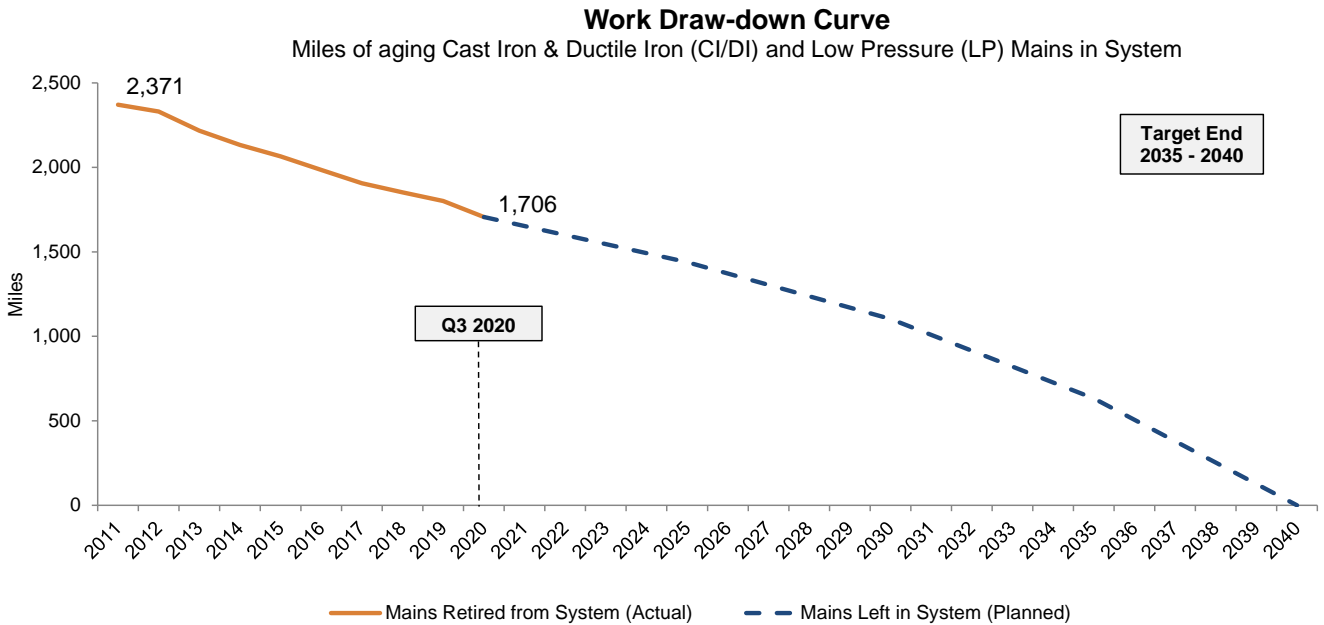
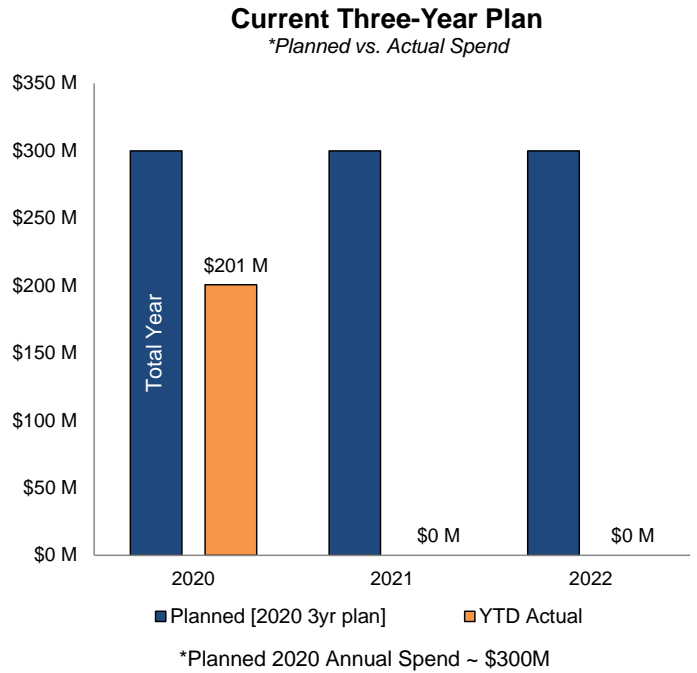
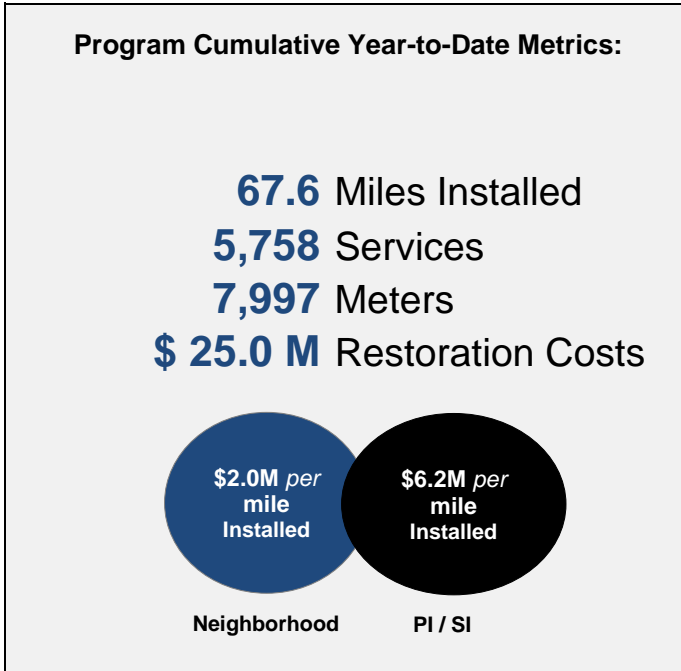
Enclosed is Peoples Gas' System Modernization Program (SMP) third quarter 2020 Report. The information displayed on the pages that follow are actual results recorded from January 2020 through September 2020 as measured against the plan established in the fourth quarter of 2019.

During the third quarter, solid progress was made on installation across our Neighborhood, Public Improvement (PI)/System Improvement (SI), and High Pressure programs. As described in the second quarter 2020 report, there are two primary factors contributing to delays with work execution and year-end forecasts trending lower as compared to the plan. The first factor is the pause in customer facing work during the second quarter due to the COVID-19 pandemic. This pause and resulting backlog delayed the start of construction for some projects. The second factor is extended durations with third party design reviews and approvals. The design review and approval is administered through the Office of Underground Coordination (OUC) process and helps ensure there are not line of lay conflicts with other utilities. This design review and approval involves reviews by approximately 30 third parties and took longer than planned for several projects. Because of these delays, meter transfers and main retirement will be lower than planned for the year.

Tables and graphs on the following pages show progress and performance through the third quarter. Here are some specific highlights:

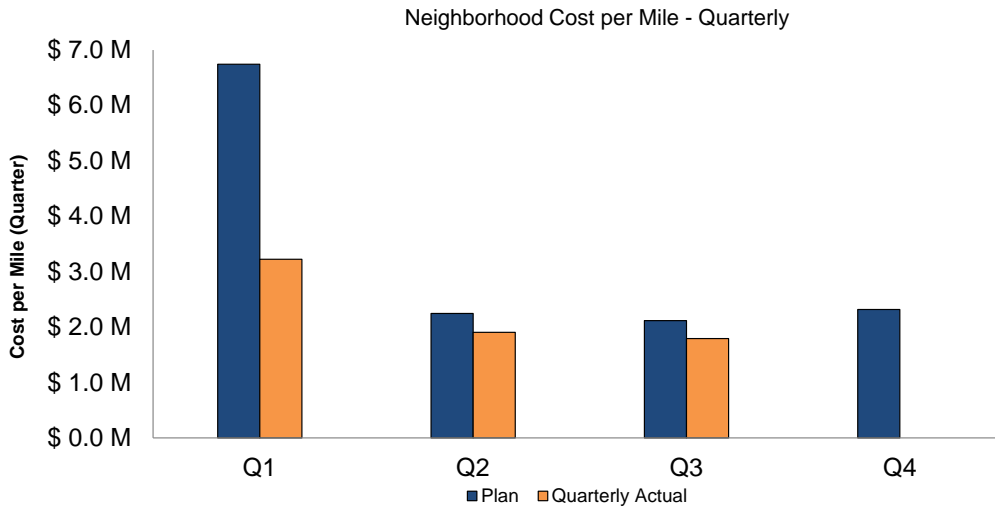
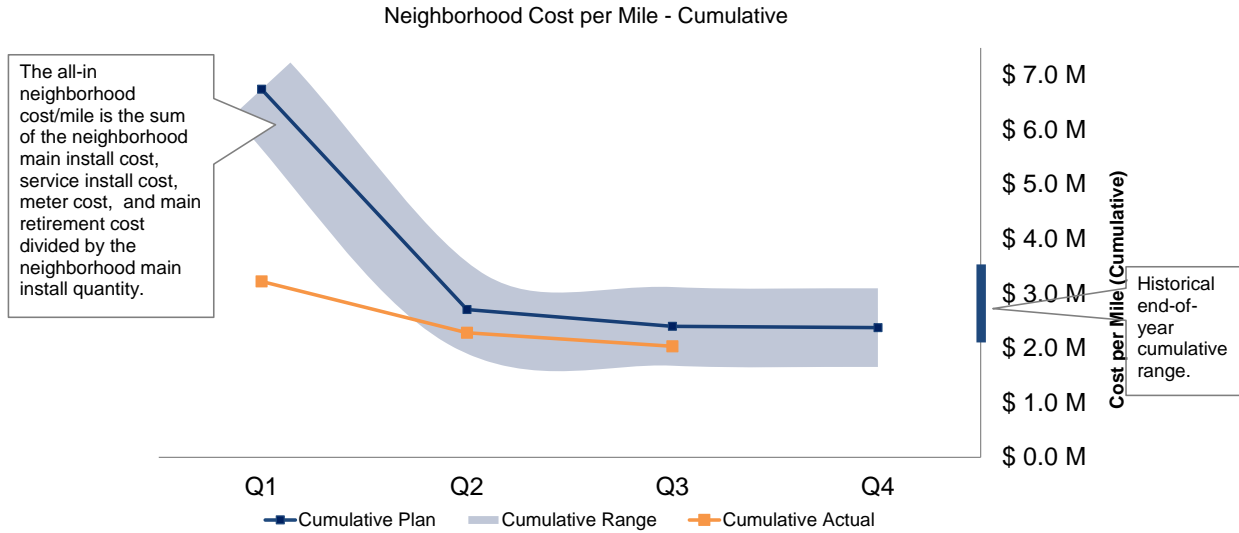
- For Neighborhood work, the overall cost per mile is better than the planned rate, as shown on page 7. While main installation is aligned with the plan year to date, main retirement is behind and is not anticipated to fully recover by year-end due to the design review delays and pause in customer facing work. Main retirement happens after the meter moves are complete (after the customer has been physically transferred from the aging infrastructure to the new infrastructure). Because of the pause in the customer-facing meter move work, portions of main retirement originally slated for the third and fourth quarters have pushed into next year.
- Public Improvement/System Improvement (PI/SI) cost per installed mile continues to be higher than the planned rate through the end of the third quarter due to completing more complex and higher cost work as part of the resequencing necessary based on the pause to customer facing work in response to the public health emergency. With the recent design approvals of several larger PI/SI projects, the cost per mile is forecasted to be in line with the plan by year end. Similar to Neighborhood work, main retirement is not anticipated to catch up by year end. See pages 11 – 13 for the PI/SI Program metrics.
- During the third quarter, meter moves resumed after reducing that workload to protect customers and employees in coordination with City and State during the second quarter. As part of resuming this work, new safety precautions were incorporated including asking customers pre-screening questions and wearing masks. While progress is steady, with the backlog of work, the meter moves will not catch up by year-end and directly impacts main retirement. The metrics related to meter moves are on pages 14 and 15.
- The High Pressure Program metrics are shown on pages 16 and 17. Main installation on the Northwest Interconnect Phase 5B project was completed during the third quarter. Field work for this project started last year and included installation of approximately 2 miles of large-diameter high pressure main needed to support the upgrade from low pressure to medium pressure of Peoples Gas' distribution system. During the fourth quarter, restoration related costs are anticipated and the work will complete at a lower cost per mile than planned.

3. High Level Program Status



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.

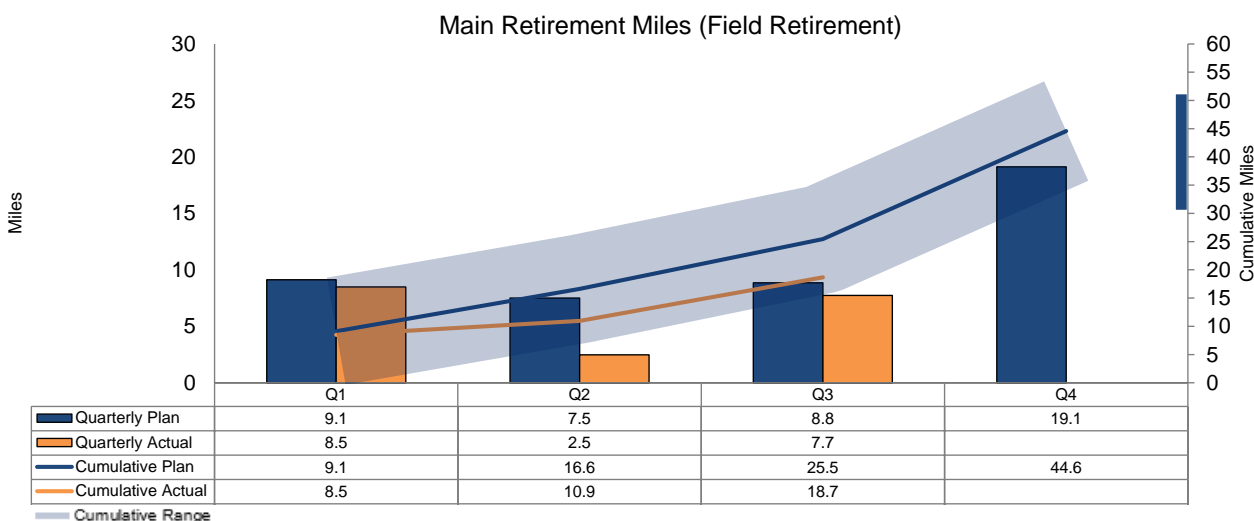
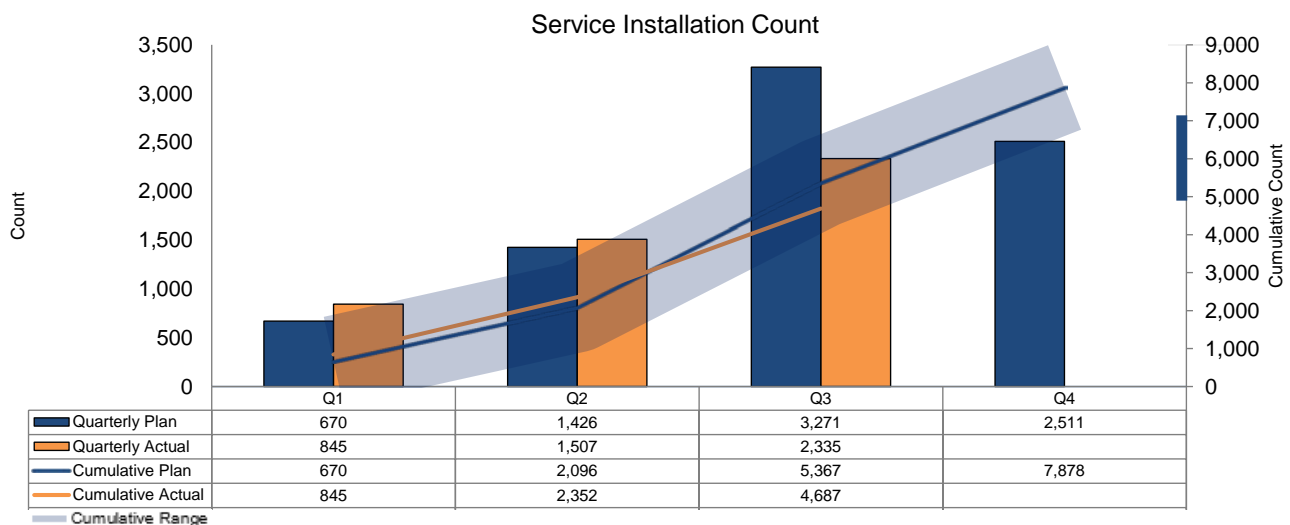
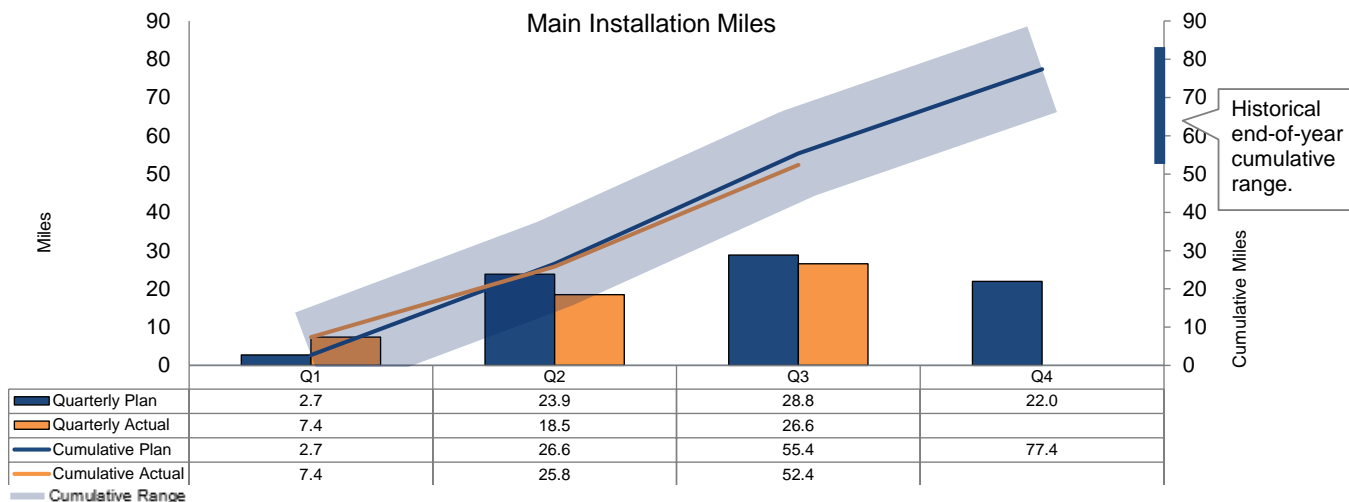
4A. Neighborhood Program Performance



Year-to-Date Numbers

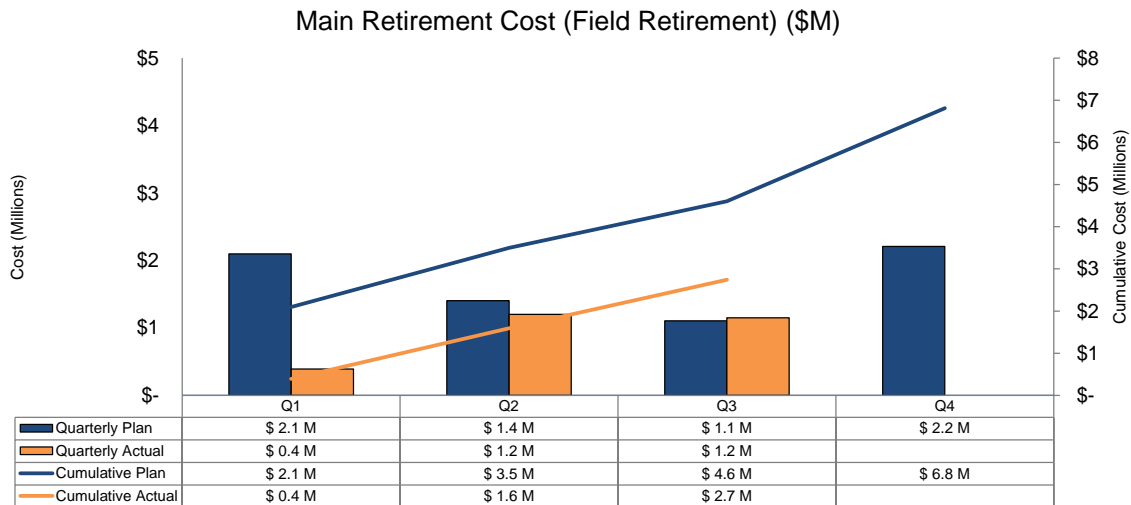
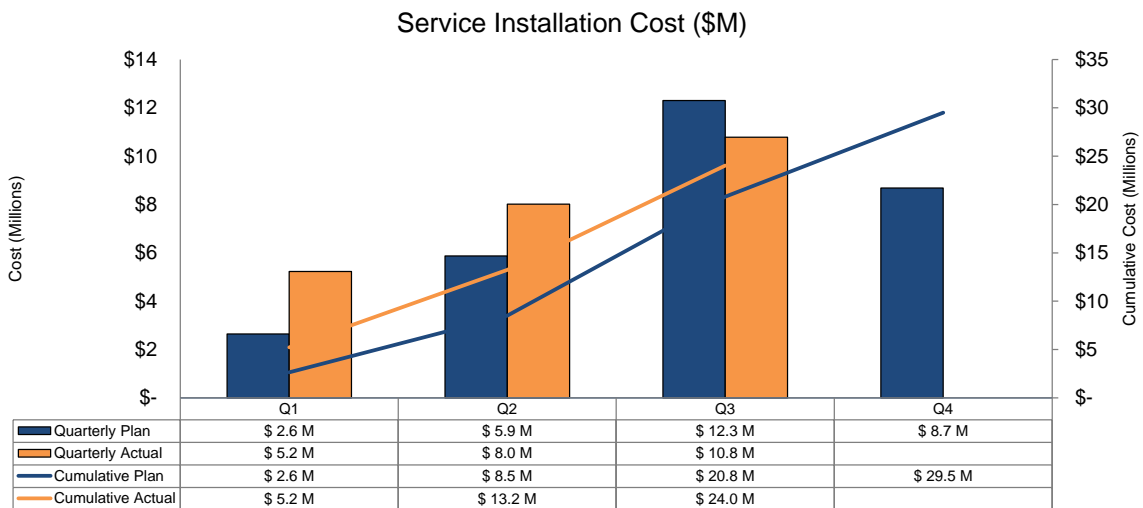
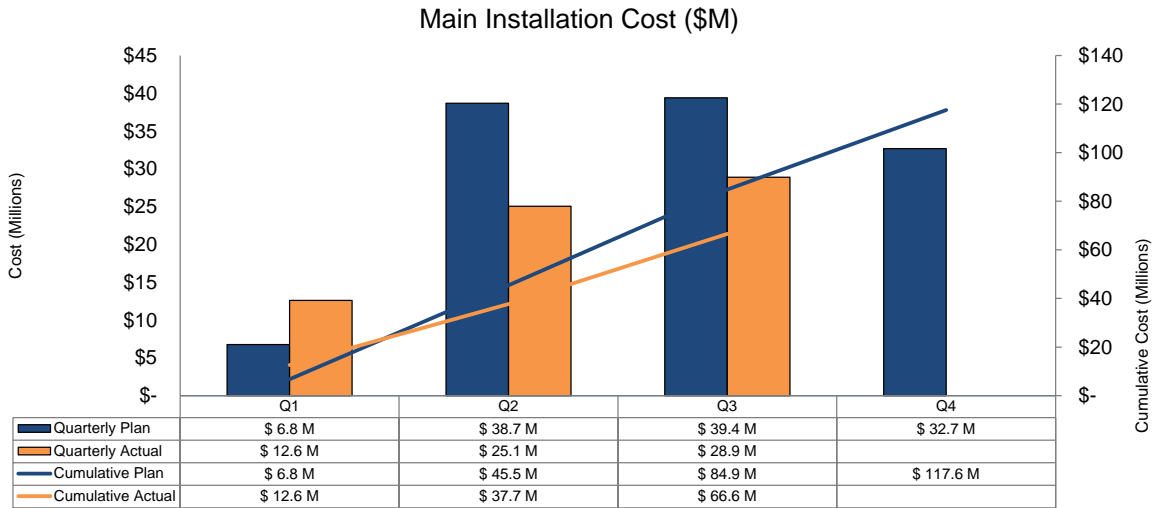
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 84.9 M	55.4	\$1.5 M / install mile	\$ 66.6 M	52.4	\$1.3 M / install mile
Main Retirement	\$ 4.6 M	25.5	\$0.2 M / retire mile	\$ 2.7 M	18.7	\$0.1 M / retire mile
Service Replacement	\$ 20.8 M	5,367	\$3,880 / service	\$ 24.0 M	4,687	\$5,127 / service
Meter Moves (allocation)	\$ 22.7 M	6,976	\$3,248 / meter	\$ 13.2 M	5,699	\$2,324 / meter
TOTAL	\$ 133.0 M	55.4	\$2.4 M / install mile	\$ 106.6 M	52.4	\$2.0 M / install mile

4B. Neighborhood - Quantity Graphs



Due to the COVID-19 pandemic and related reduction in customer-facing work, year-end meter moves and retirement mileage are projected to be down as compared to the plan. Mitigating strategies are being executed in order to continue to improve the safety and reliability of the delivery system during these challenging times.

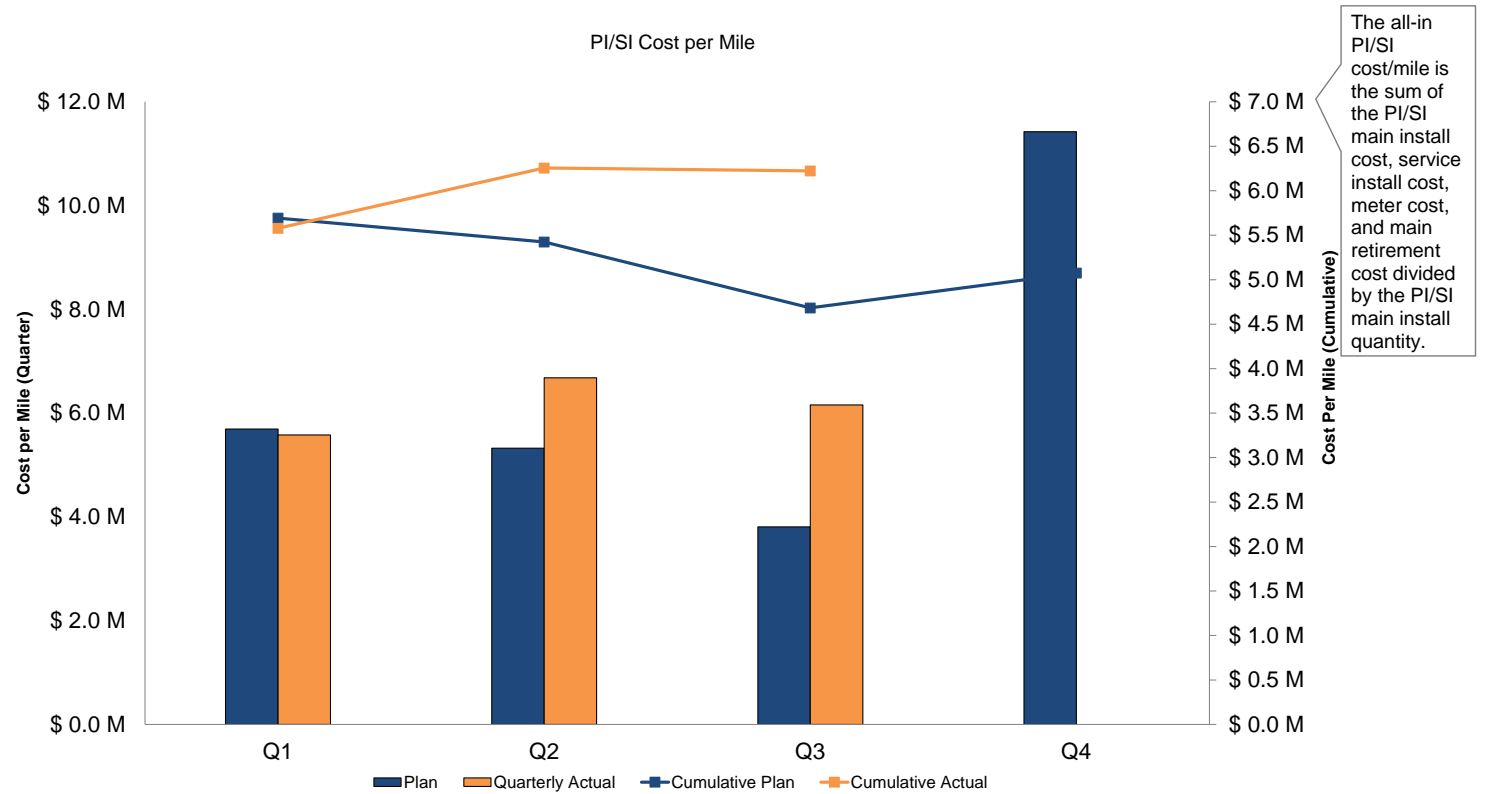
4C. Neighborhood - Cost Graphs



Due to the COVID-19 pandemic and related reduction in customer-facing work, year-end meter moves and retirement mileage are projected to be down as compared to the plan. Mitigating strategies are being executed in order to continue to improve the safety and reliability of the delivery system during these challenging times.

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.

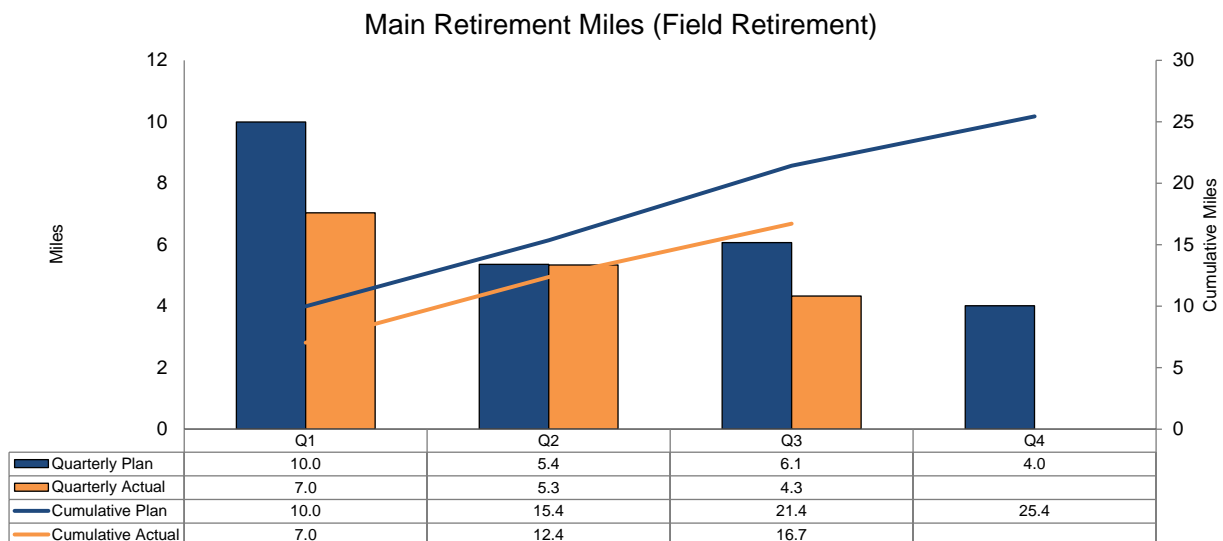
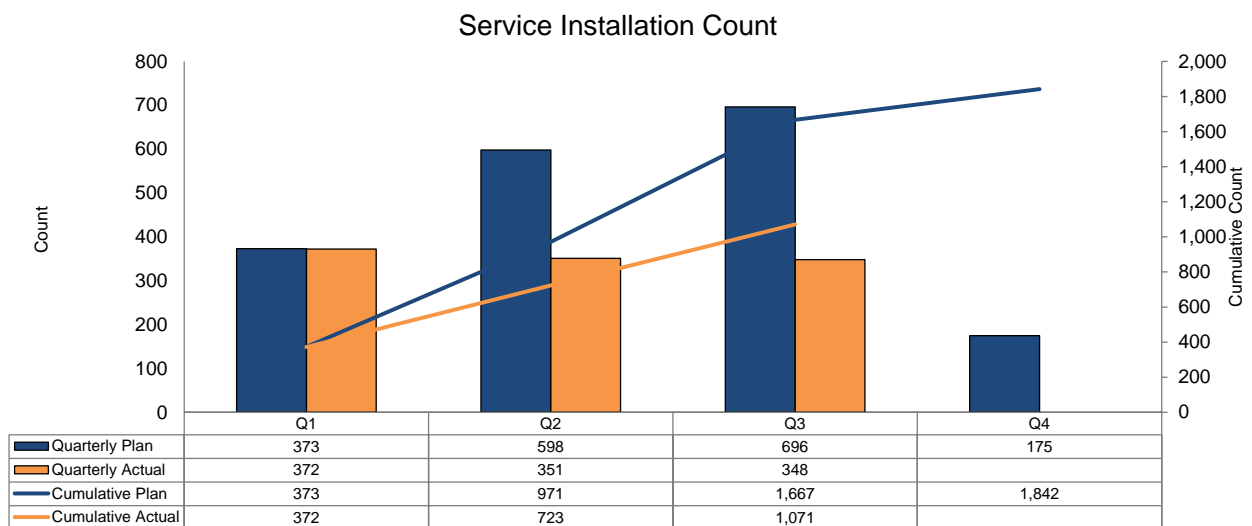
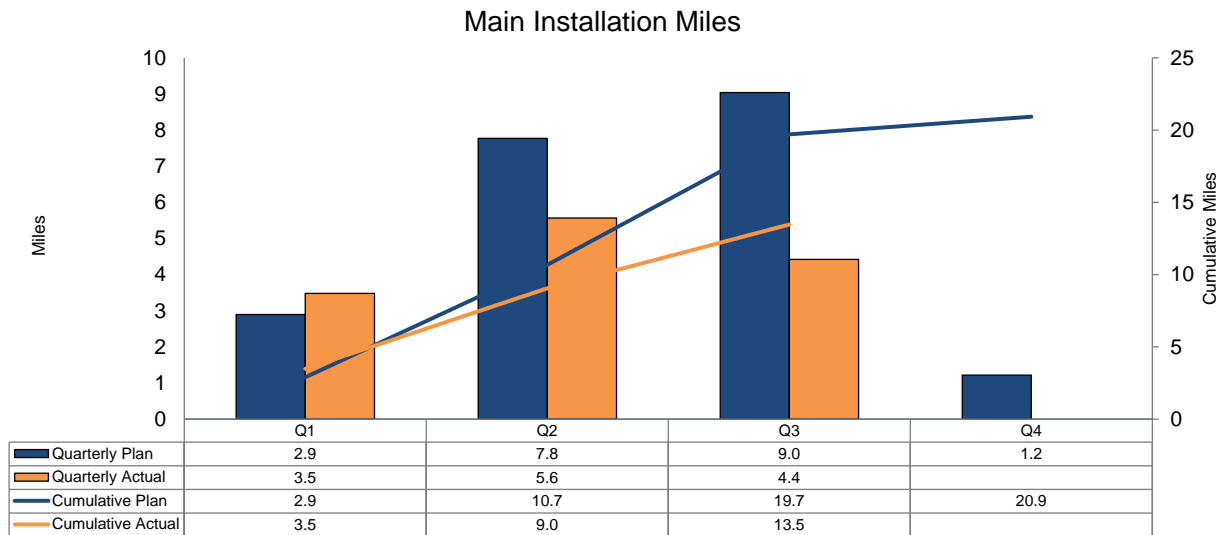
5A. Public Improvement / System Improvement Program Performance



Year-to-Date Numbers

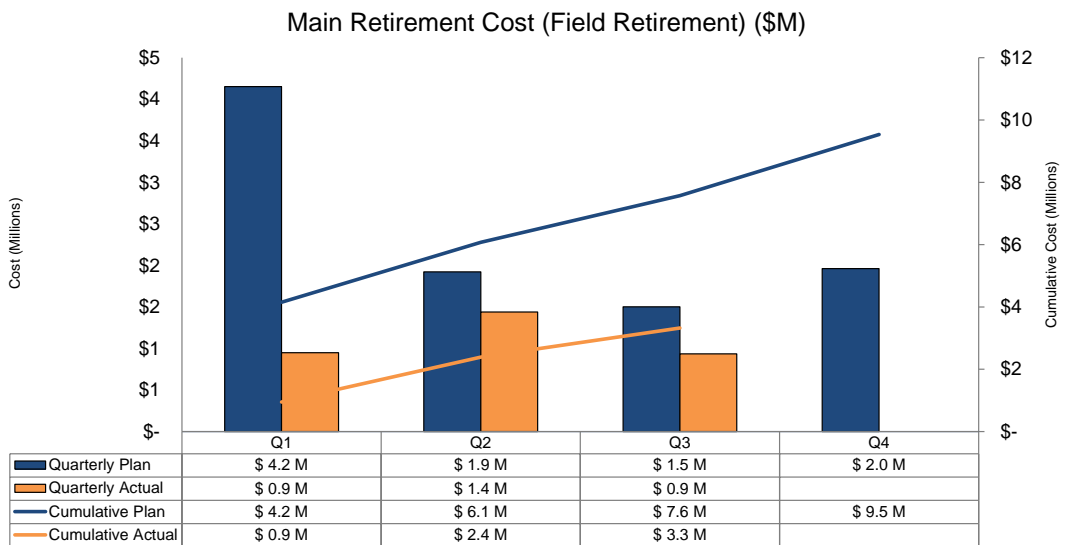
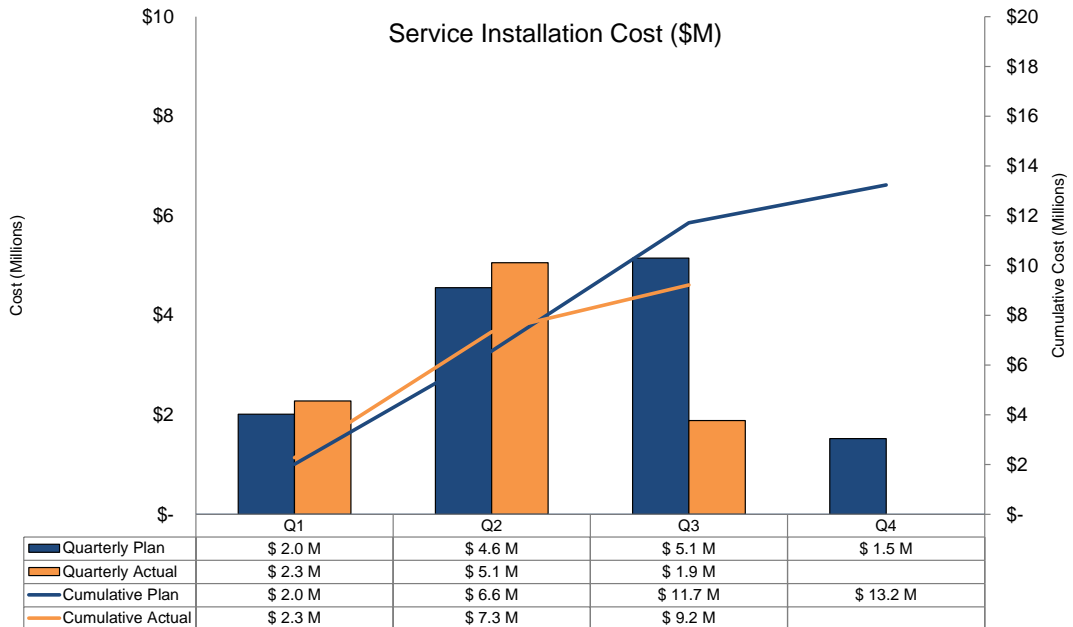
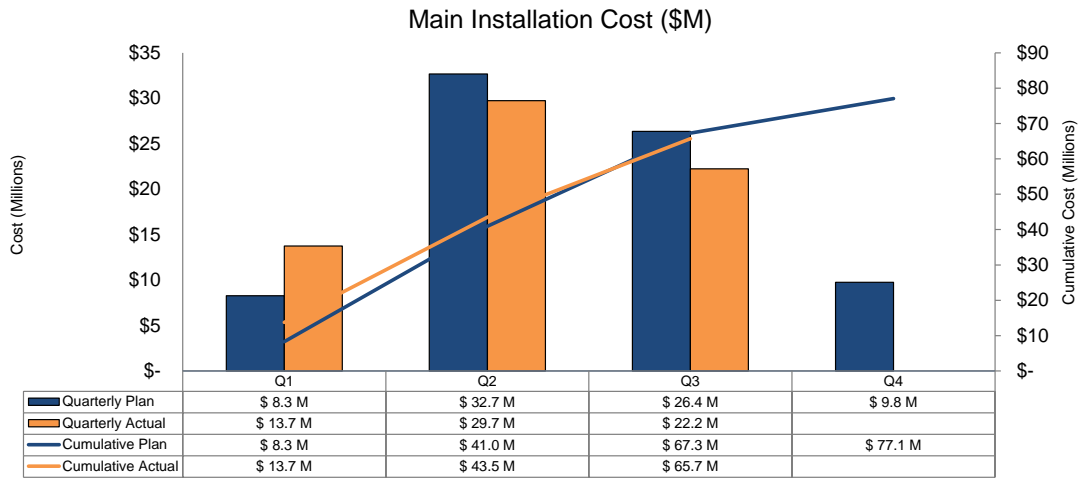
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 67.3 M	19.7	\$3.4 M / install mile	\$ 65.7 M	13.5	\$4.9 M / install mile
Main Retirement	\$ 7.6 M	21.4	\$0.4 M / retire mile	\$ 3.3 M	16.7	\$0.2 M / retire mile
Service Replacement	\$ 11.7 M	1,667	\$7,027 / service	\$ 9.2 M	1,071	\$8,607 / service
Meter Moves (allocation)	\$ 5.7 M	2,784	\$2,045 / meter	\$ 5.5 M	2,298	\$2,412 / meter
TOTAL	\$ 92.3 M	19.7	\$4.7 M / install mile	\$ 83.8 M	13.5	\$6.2 M / install mile

5B. Public Improvement / System Improvement - Quantity Graphs



Due to the COVID-19 pandemic and related reduction in customer-facing work, year-end meter moves and retirement mileage are projected to be down as compared to the plan. Mitigating strategies are being executed in order to continue to improve the safety and reliability of the delivery system during these challenging times.

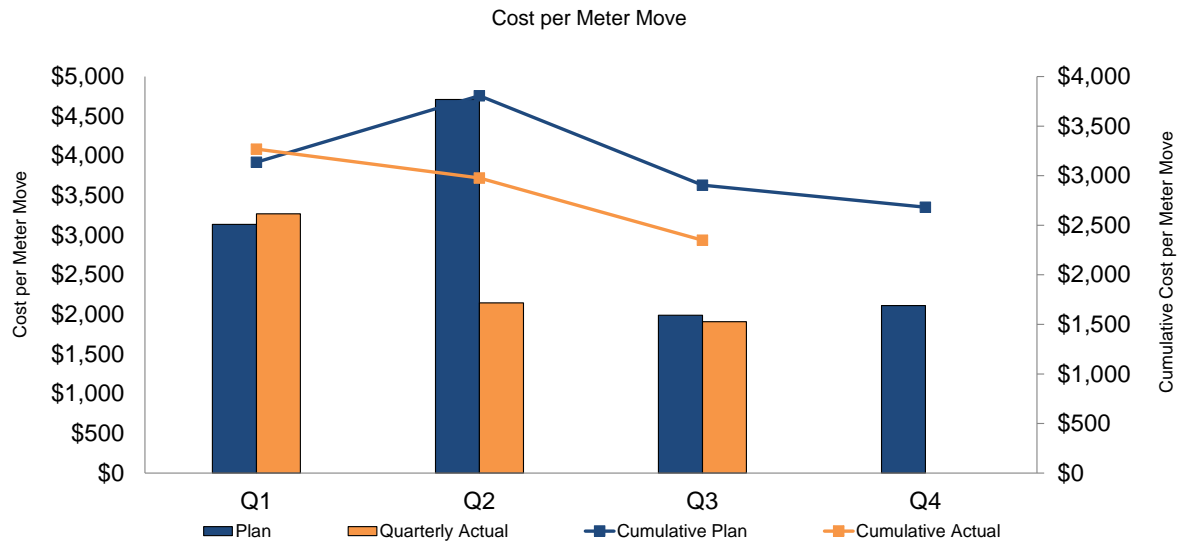
5C. Public Improvement / System Improvement - Cost Graphs



Due to the COVID-19 pandemic and related reduction in customer-facing work, year-end meter moves and retirement mileage are projected to be down as compared to the plan. Mitigating strategies are being executed in order to continue to improve the safety and reliability of the delivery system during these challenging times.

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

6A. Meter Moves Program Performance

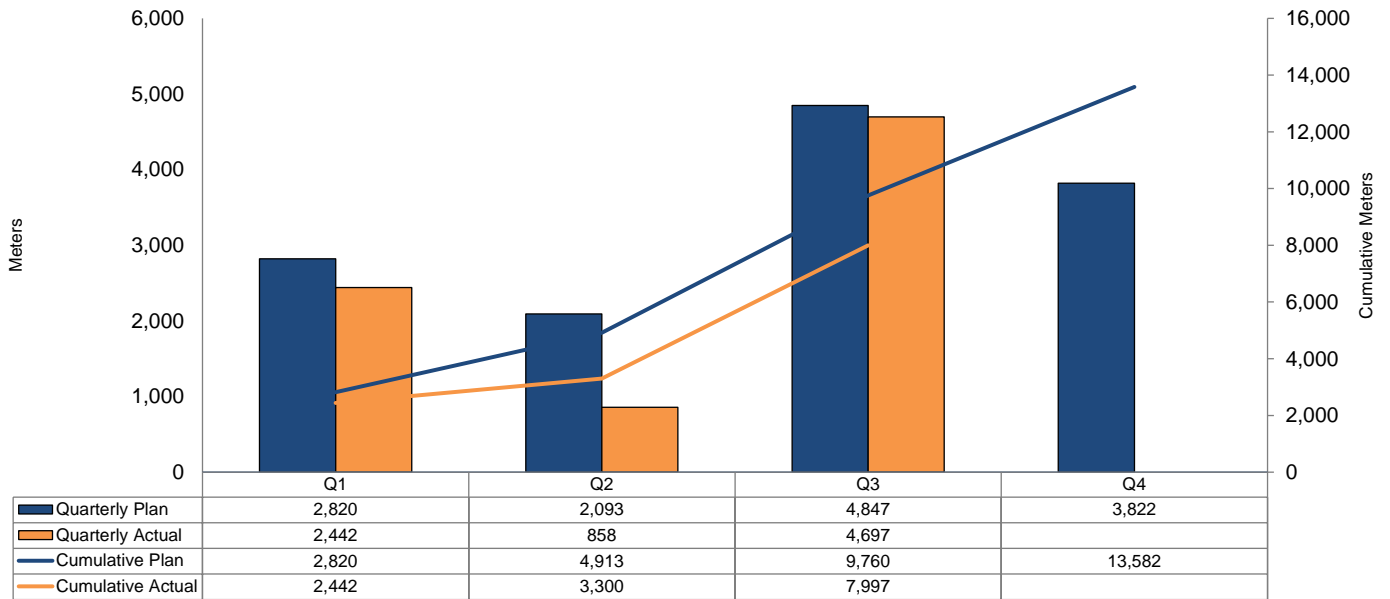


Year-to-Date Numbers

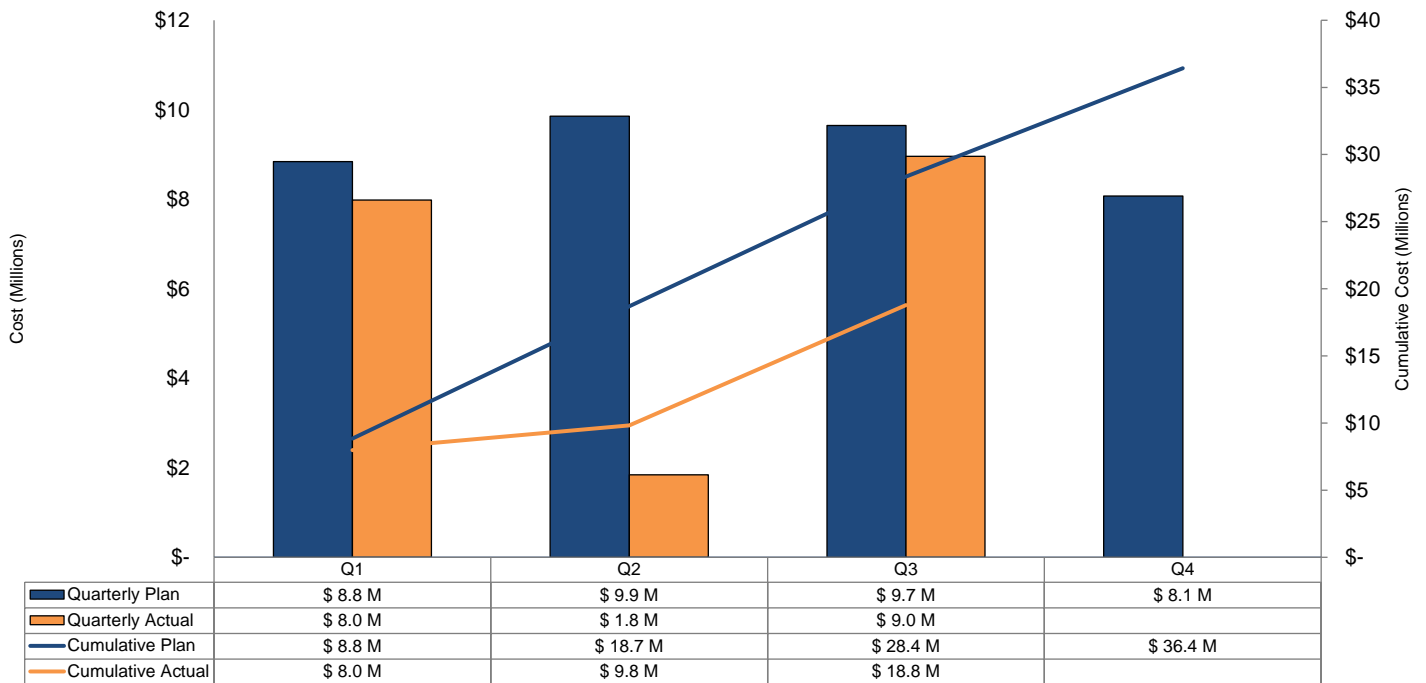
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Meter Moves (allocation)	\$ 28.4 M	9,760	\$2,905 / meter	\$ 18.8 M	7,997	\$2,349 / meter

6B. Meter Move Quantity and Cost

Meter Quantity



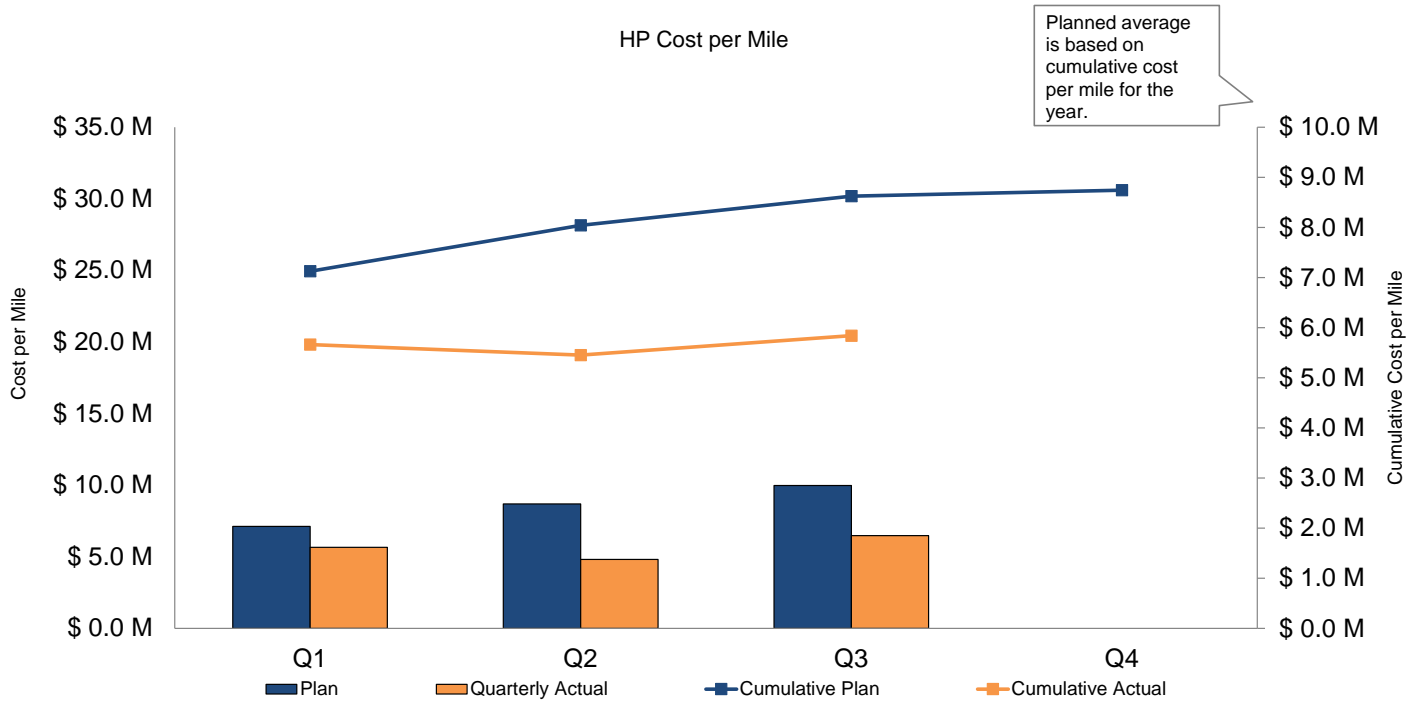
Meter Cost (\$M)



Due to the COVID-19 pandemic and related reduction in customer-facing work, year-end meter moves and retirement mileage are projected to be down as compared to the plan. Mitigating strategies are being executed in order to continue to improve the safety and reliability of the delivery system during these challenging times.

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

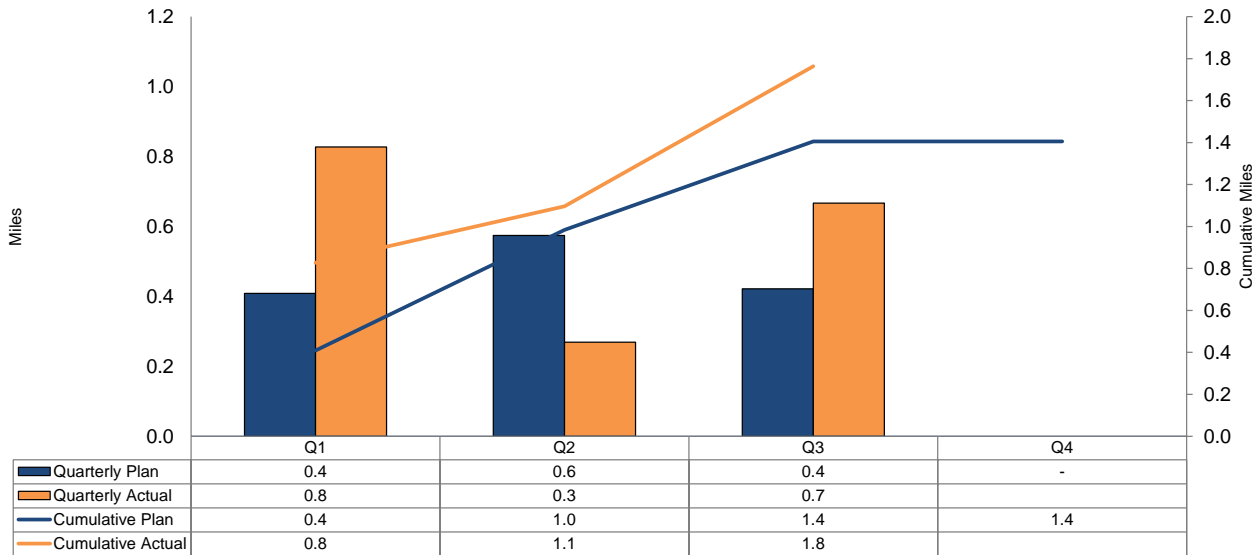


Year-to-Date Numbers

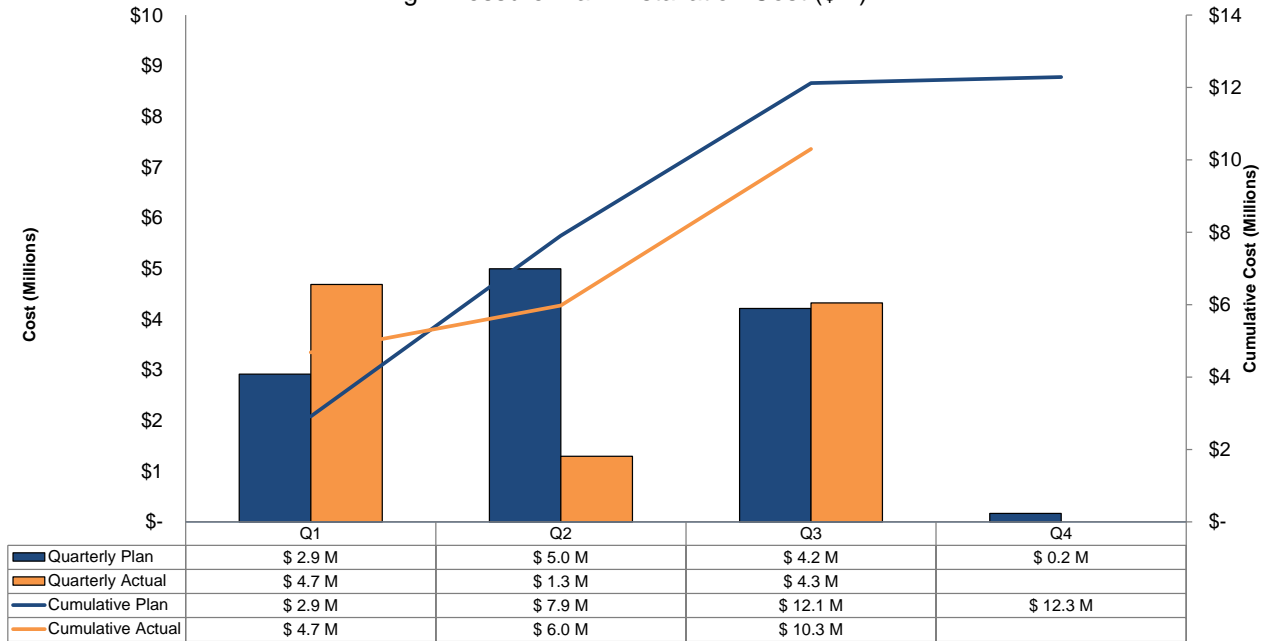
	Cumulative Planned			Cumulative Actual		
	Cost (A)	Unit (B)	Cost/Unit (C=A/B)	Cost (D)	Unit (E)	Cost/Unit (F=D/E)
Main Install	\$ 12.1 M	1.41	\$8.6 M / install mile	\$ 10.3 M	1.76	\$5.8 M / install mile

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⁽²⁾

	2020-01	2020-02	2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	-	-	-	-	-	-	-
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	-	-	-	-	-	-	-
Res Non-Heating	-	-	-	-	-	-	-	-	-	-
Non Residential	29	44	31	-	-	-	-	-	387	491
Total	29	44	31	-	-	-	-	-	387	491

A.2. Percentage of Disconnections per month

	2020-01	2020-02	2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	-	-	-	-	-	-	-
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	-	-	-	-	-	-	-
Res Non-Heating	-	-	-	-	-	-	-	-	-	-
Non-Residential	0.0323%	0.0491%	0.0346%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.4315%	0.5474%

A.3. Number of Accounts Eligible for Disconnection⁽³⁾⁽⁴⁾

	2020-01	2020-02	2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	YTD Total
Res Heating -Low Income ⁽¹⁾	-	-	-	-	-	-	-	72	1	73
Res Heating -Not-Low Income ⁽¹⁾	-	-	-	-	-	-	-	1,378	8	1,386
Res Non-Heating	-	-	-	-	-	-	-	35	1	36
Non Residential	4,144	4,239	2,166	-	-	-	-	480	4,645	15,674
Total	4,144	4,239	2,166	-	-	-	-	1,965	4,655	17,169

A.4. Number of Reconnections per month

	2020-01	2020-02	2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	YTD Total
Res Heating -Low Income ⁽¹⁾	46	15	9	11	7	1	19	6	3	117
Res Heating -Not-Low Income ⁽¹⁾	151	56	47	51	24	16	100	33	19	497
Res Non-Heating	2	5	9	10	4	5	47	10	6	98
Non Residential	29	26	22	8	4	1	1	1	28	120
Total	228	102	87	80	39	23	167	50	56	832

Notes:

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

⁽²⁾The Public Health Emergency moratorium had minimal impact on the 2020Q1 disconnection metrics; however, the PHE moratorium resulted in zero disconnections in 2020Q2.

⁽³⁾Number of Accounts Eligible for Disconnection reflects the number of disconnection notices sent each month. Summing the monthly 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.

⁽⁴⁾Disconnection notices were halted in mid-March due to the Public Health Emergency moratorium. Letters were sent to residential accounts in August and September prior to the extension of the moratorium.

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8B. Uncollectibles Metrics

B.1. Dollar Amount of Uncollectibles⁽²⁾

	2020-01	2020-02	2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	YTD Total
S.C. 1 Heating - Low Income ⁽¹⁾	\$ 38,511.51	\$ 25,673.15	\$ 16,010.44	\$ (3,100.52)	\$ 35,105.33	\$ 22,987.77	\$ 6,245.04	\$ 32,112.97	\$ 74,900.55	\$ 248,446.24
S.C. 1 Heating - Not Low Income ⁽¹⁾	\$ 8,201,313.82	\$ 6,979,172.80	\$ 6,744,515.14	\$ 5,582,468.72	\$ 3,643,115.23	\$ 1,915,734.04	\$ 947,892.75	\$ 1,068,051.35	\$ 1,094,253.43	\$ 36,176,517.28
S.C. 1 Non-Heating	\$ 234,279.64	\$ 245,858.07	\$ 318,371.96	\$ 383,683.55	\$ 265,042.26	\$ 138,218.19	\$ 70,319.95	\$ 80,202.11	\$ 122,559.43	\$ 1,858,535.16
S.C. 2	\$ 1,414,933.66	\$ 666,671.39	\$ 922,727.49	\$ 695,393.15	\$ 533,326.81	\$ 364,049.91	\$ 103,033.94	\$ 660,126.74	\$ 278,093.22	\$ 5,638,356.31
S.C. 4	\$ -	\$ -	\$ -	\$ -			\$ -	\$ 4,104.11	\$ 681,794.26	\$ 685,898.37
S.C. 8	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -
Total	\$ 9,889,038.63	\$ 7,917,375.41	\$ 8,001,625.03	\$ 6,658,444.90	\$ 4,476,589.63	\$ 2,440,989.91	\$ 1,127,491.68	\$ 1,844,597.28	\$ 2,251,600.89	\$ 44,607,753.36

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).

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8C. Bill Impact Metrics - July 2020

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	323,206	93,330	3	\$ 1,602,445	\$ 471,029	\$ 67,519	\$ 11,497	\$ 52,112	\$ 190,902	\$ 2,395,504
3	S. C. 1 Heating	11,156,850	646,816	17	\$ 25,221,148	\$ 7,403,008	\$ 2,314,484	\$ 354,245	\$ 366,246	\$ 3,243,696	\$ 38,902,827
4	S. C. 2	6,476,590	60,949	106	4,875,263	794,463	1,339,000	192,047	326,665	653,669	8,181,107
5	S. C. 4	42,814	2	21,407	14,695	4,347	8,891	794	10	3,353	32,092
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	98	3	33	685	202	26	1	15	80	1,010
8	Total Sales	17,999,558	801,100		\$ 31,714,236	\$ 8,673,050	\$ 3,729,920	\$ 558,585	\$ 745,049	\$ 4,091,700	\$ 49,512,540
9	Transportation										
10	S. C. 1 Non-Htg	30,702	8,066	4	136,528	40,208	915	780	4,440	17,807	200,678
11	S. C. 1 Heating	871,269	40,609	21	1,595,011	468,979	68,504	22,268	22,799	256,053	2,433,614
12	S. C. 2	6,835,747	17,287	395	3,989,552	1,173,451	525,111	179,015	95,695	1,124,785	7,087,608
13	S. C. 4	9,594,586	171	56,109	2,036,869	600,510	133,679	170,901	4,186	937,826	3,883,971
14	S. C. 5 / 7	2,690,748	2	1,345,374	386,101	-	-	13,124	433	114,044	513,702
15	S. C. 8	57,376	3	19,125	8,468	2,507	655	1,070	17	5,917	18,634
16	Contract and Pool	-	-	-	85,411	9,664	58,794	-	-	13,267	167,136
17	Total Transportation	20,080,427	66,138		\$ 8,237,940	\$ 2,295,319	\$ 787,658	\$ 387,157	\$ 127,568	\$ 2,469,700	\$ 14,305,342
18	Sales and Transportation										
19	S. C. 1 Non-Htg	353,907	101,396	3	1,738,973	511,237	68,434	12,277	56,552	208,709	2,596,182
20	S. C. 1 Heating	12,028,119	687,425	17	26,816,160	7,871,986	2,382,987	376,513	389,044	3,499,750	41,336,440
21	S. C. 2	13,312,337	78,236	170	8,864,815	1,967,914	1,864,111	371,062	422,361	1,778,453	15,268,715
22	S. C. 4	9,637,400	173	55,708	2,051,564	604,858	142,570	171,695	4,196	941,179	3,916,062
23	S. C. 5 / 7	2,690,748	2	1,345,374	386,101	-	-	13,124	433	114,044	513,702
24	S. C. 8	57,474	6	9,579	9,153	2,710	681	1,071	32	5,997	19,645
25	Contract and Pool	-	-	-	85,411	9,664	58,794	-	-	13,267	167,136
26	Total Sales and Transportation	38,079,985	867,238		\$ 39,952,176	\$ 10,968,369	\$ 4,517,578	\$ 945,742	\$ 872,618	\$ 6,561,400	\$ 63,817,882
27	Add: Other Revenues ⁽⁹⁾										\$ 6,718,314
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 70,536,196

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 374,250 therms.
 (2) Number of customers at July 16, 2020.
 (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 2020

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	499,431	93,245	5	\$ 1,643,975	\$ 498,588	\$ 100,861	\$ 17,483	\$ 51,995	\$ 203,576	\$ 2,516,478
3	S. C. 1 Heating	10,801,001	645,600	17	\$ 24,830,293	\$ 7,541,384	\$ 2,190,661	\$ 333,193	\$ 356,456	\$ 3,199,486	\$ 38,451,473
4	S. C. 2	6,089,753	60,819	100	5,458,669	2,328,305	1,272,091	122,065	353,920	1,051,411	10,586,460
5	S. C. 4	(39,099)	3	(13,033)	32,540	11,714	(7,889)	(680)	45	2,614	38,344
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	(263)	3	(88)	4,994	1,016	(55)	(5)	121	543	6,614
8	Total Sales	17,350,823	799,670		\$ 31,970,472	\$ 10,381,006	\$ 3,555,669	\$ 472,056	\$ 762,537	\$ 4,457,630	\$ 51,599,370
9	Transportation										
10	S. C. 1 Non-Htg	31,455	7,864	4	134,112	40,766	922	792	4,319	17,788	198,699
11	S. C. 1 Heating	648,685	39,564	16	1,492,982	453,169	70,426	16,175	21,530	226,357	2,280,640
12	S. C. 2	8,487,818	17,172	494	4,030,623	1,221,146	579,466	220,046	95,250	1,204,439	7,350,969
13	S. C. 4	12,102,006	169	71,610	2,093,041	635,088	139,035	213,366	4,174	1,045,543	4,130,248
14	S. C. 5 / 7	2,106,007	2	1,053,004	252,634	-	-	12,448	433	64,908	330,423
15	S. C. 8	62,960	3	20,987	9,005	2,739	708	1,142	17	6,547	20,157
16	Contract and Pool	-	-	-	298,447	11,128	78,718	-	-	37,043	425,335
17	Total Transportation	23,438,932	64,774		\$ 8,310,844	\$ 2,364,036	\$ 869,274	\$ 463,969	\$ 125,723	\$ 2,602,625	\$ 14,736,470
18	Sales and Transportation										
19	S. C. 1 Non-Htg	530,886	101,109	5	1,778,087	539,354	101,783	18,275	56,314	221,364	2,715,177
20	S. C. 1 Heating	11,449,687	685,164	17	26,323,276	7,994,552	2,261,087	349,368	377,987	3,425,844	40,732,113
21	S. C. 2	14,577,571	77,991	187	9,489,292	3,549,451	1,851,556	342,111	449,169	2,255,850	17,937,429
22	S. C. 4	12,062,908	172	70,133	2,125,581	646,802	131,146	212,686	4,219	1,048,157	4,168,592
23	S. C. 5 / 7	2,106,007	2	1,053,004	252,634	-	-	12,448	433	64,908	330,423
24	S. C. 8	62,696	6	10,449	13,999	3,755	653	1,136	138	7,090	26,771
25	Contract and Pool	-	-	-	298,447	11,128	78,718	-	-	37,043	425,335
26	Total Sales and Transportation	40,789,755	864,444		\$ 40,281,315	\$ 12,745,042	\$ 4,424,943	\$ 936,025	\$ 888,260	\$ 7,060,254	\$ 66,335,840
27	Add: Other Revenues ⁽⁹⁾										\$ 7,442,570
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 73,778,410

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 518,850 therms.
 (2) Number of customers at August 14, 2020.
 (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 2020

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	243,617	93,636	3	\$ 1,594,157	\$ 476,156	\$ 62,243	\$ 8,794	\$ 51,711	\$ 188,919	\$ 2,381,979
3	S. C. 1 Heating	11,637,693	648,245	18	\$ 24,914,891	\$ 7,448,119	\$ 2,658,844	\$ 359,511	\$ 358,651	\$ 3,261,171	\$ 39,001,187
4	S. C. 2	8,097,609	60,739	133	5,665,707	1,636,713	1,848,533	281,016	332,959	1,018,678	10,783,605
5	S. C. 4	134,243	5	26,849	32,358	7,898	29,949	2,270	11	6,422	78,907
6	S. C. 5 / 7	-	-	-	-	-	-	-	-	-	-
7	S. C. 8	5,546	3	1,849	1,480	385	1,433	129	14	420	3,860
8	Total Sales	20,118,708	802,628		\$ 32,208,592	\$ 9,569,270	\$ 4,601,001	\$ 651,719	\$ 743,345	\$ 4,475,610	\$ 52,249,538
9	Transportation										
10	S. C. 1 Non-Htg	32,608	7,679	4	128,409	38,435	988	793	4,149	17,172	189,947
11	S. C. 1 Heating	711,656	38,678	18	1,466,374	438,789	74,263	17,262	21,145	229,462	2,247,295
12	S. C. 2	10,254,829	17,082	600	4,157,561	1,242,077	620,019	259,959	93,625	1,376,118	7,749,359
13	S. C. 4	11,307,740	165	68,532	1,704,975	520,106	152,229	186,916	4,141	906,306	3,474,673
14	S. C. 5 / 7	1,373,912	2	686,956	122,354	-	-	10,352	433	18,505	151,643
15	S. C. 8	54,033	3	18,011	7,963	2,375	768	936	17	5,681	17,739
16	Contract and Pool	-	-	-	105,894	16,526	141,695	-	-	5,283	269,398
17	Total Transportation	23,734,777	63,609		\$ 7,693,529	\$ 2,258,308	\$ 989,963	\$ 476,218	\$ 123,510	\$ 2,558,527	\$ 14,100,054
18	Sales and Transportation										
19	S. C. 1 Non-Htg	276,225	101,315	3	1,722,566	514,591	63,231	9,587	55,859	206,091	2,571,926
20	S. C. 1 Heating	12,349,348	686,923	18	26,381,264	7,886,908	2,733,107	376,774	379,796	3,490,633	41,248,482
21	S. C. 2	18,352,437	77,821	236	9,823,268	2,878,790	2,468,552	540,975	426,584	2,394,796	18,532,964
22	S. C. 4	11,441,983	170	67,306	1,737,332	528,004	182,178	189,186	4,152	912,728	3,553,580
23	S. C. 5 / 7	1,373,912	2	686,956	122,354	-	-	10,352	433	18,505	151,643
24	S. C. 8	59,579	6	9,930	9,443	2,759	2,201	1,064	30	6,101	21,598
25	Contract and Pool	-	-	-	105,894	16,526	141,695	-	-	5,283	269,398
26	Total Sales and Transportation	43,853,485	866,237		\$ 39,902,121	\$ 11,827,578	\$ 5,590,964	\$ 1,127,937	\$ 866,855	\$ 7,034,137	\$ 66,349,592
27	Add: Other Revenues ⁽⁹⁾										\$ 7,691,936
28	Operating Revenues plus State and Municipalities Taxes and Other State Charges (line 26 + line 27)										\$ 74,041,528

* There may be differences due to rounding.

- Notes: (1) Excludes Company Use of 358,260 therms.
 (2) Number of customers at September 21, 2020.
 (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

	Therms ⁽¹⁾	Base Rates ⁽²⁾	Rider QIP	Gas Charges	Other Riders ⁽³⁾	Other State Charges ⁽⁴⁾	State & Municipal Taxes ⁽⁵⁾	Total
January	214.93	\$ 78.02	\$ 9.99	\$ 62.35	\$ 8.33	\$ 0.57	\$ 18.44	\$ 177.70
February	185.08	\$ 71.75	\$ 9.93	\$ 50.14	\$ 6.76	\$ 0.57	\$ 16.05	\$ 155.19
March	135.19	\$ 61.26	\$ 9.88	\$ 29.44	\$ 4.39	\$ 0.57	\$ 12.05	\$ 117.60
April	83.65	\$ 46.90	\$ 10.19	\$ 14.96	\$ 2.82	\$ 0.57	\$ 8.30	\$ 83.74
May	33.45	\$ 38.53	\$ 10.45	\$ 5.98	\$ 1.07	\$ 0.57	\$ 5.52	\$ 62.13
June	27.63	\$ 39.92	\$ 11.18	\$ 5.48	\$ 0.89	\$ 0.55	\$ 5.50	\$ 63.53
July	21.05	\$ 38.79	\$ 11.41	\$ 4.33	\$ 0.66	\$ 0.55	\$ 5.15	\$ 60.89
August	17.49	\$ 38.15	\$ 11.57	\$ 3.55	\$ 0.54	\$ 0.55	\$ 4.95	\$ 59.32
September	22.19	\$ 38.89	\$ 11.63	\$ 5.08	\$ 0.68	\$ 0.55	\$ 5.27	\$ 62.10
October								\$ -
November								\$ -
December								\$ -
Calendar Year	740.66	\$ 452.20	\$ 96.24	\$ 181.32	\$ 26.14	\$ 5.05	\$ 81.24	\$ 842.19

Notes:

⁽¹⁾Weather normalized therms

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

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

⁽⁴⁾Additional state charges and PUAC under Rider 1

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

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8D. System Modernization Program (SMP)

	D1.		D2.	S.C. No. 1 Rider QIP ⁽¹⁾	D3.
	SMP Dollars Spent	QIP Dollars Spent	SMP % of QIP		S.C. No. 1 SMP ⁽²⁾
January	\$ 13,602,674.57	\$ 13,850,208.93	98.2%	\$ 9.99	\$ 9.82
February	\$ 14,800,173.95	\$ 15,021,576.29	98.5%	\$ 9.93	\$ 9.78
March⁽³⁾	\$ 19,467,009.33	\$ 19,034,616.78	102.3%	\$ 9.88	\$ 10.11
April	\$ 24,418,668.57	\$ 24,652,670.39	99.1%	\$ 10.19	\$ 10.09
May	\$ 27,130,643.37	\$ 27,177,477.71	99.8%	\$ 10.45	\$ 10.43
June	\$ 22,114,469.14	\$ 22,115,495.14	100.0%	\$ 11.18	\$ 11.18
July	\$ 26,687,969.65	\$ 26,689,695.65	100.0%	\$ 11.41	\$ 11.41
August	\$ 25,692,157.77	\$ 25,693,953.17	100.0%	\$ 11.57	\$ 11.57
September	\$ 26,804,871.87	\$ 26,824,155.92	99.9%	\$ 11.63	\$ 11.62
October				\$ -	\$ -
November				\$ -	\$ -
December				\$ -	\$ -
Calendar Year				\$ 96.24	\$ 96.02

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.

⁽³⁾QIP Dollars Spent are less than SMP Dollars Spent due to negative actuals in non-SMP work from an accrual reversal.

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APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2020 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Mayfair	In Progress	0	2.5	0	621	0.35	In Progress	2020		
Bowmanville	In Progress	0	1	0	492	0.2	In Progress	2020		
Albany Park	In Progress	0	0	0	299	5.4	In Progress	2020		
Irving Park	In Progress	* Included in Albany Park					In Progress	2020		
Ravenswood Manor	In Progress	* Included in Albany Park					In Progress	2020		
Stony Island Park	Complete	0.0	0.0	0	0	0.0	In Progress	2020		
West Morgan Park	Complete	0.0	0.0	0	0	0.0	In Progress	2020		
South Edgebrook	In Progress	0.0	0.0	0	0	0.0	In Progress	2020		
Princeton Park	In Progress	1.2	3.5	285	556	5.0	In Progress	2021		
North Mayfair	In Progress	2.0	6.8	152	1,550	7.5	In Progress	2021		
Lincoln Square	In Progress	5.1	3.1	411	984	11.6	In Progress	2021		
Norwood Park East	In Progress	19.9	16	2057	2,825	56.9	In Progress	2022		
Avalon Park	In Progress	7.4	4.6	906	908	16.1	In Progress	2022		
Kenwood	In Progress	2.0	3.0	174	798	6.5	In Progress	2022		
McKinley Park	In Progress	10.6	8.3	1,279	2,424	24.2	In Progress	2022		
West Elsdon	In Progress	8.62	14.12	1,112	2,185	29.9	In Progress	2023		
Schorsch Village	In Progress	21.5	11.9	2,002	2,165	41.2	In Progress	2024		
Marquette Park	In Progress	44.6	31.29	5,227	7,445	89.2	In Progress	2025		
Old Irving Park	Not Started	16.2	10.4	1,065	1,925	40.4	2021	2023	11	0.120
Jeffery Manor	Not Started	36.1	23.3	3,098	3,133	72.2	2021	2023	28	0.243
Budlong Woods	Not Started	14.5	9.4	1,141	3,179	36.3	2021	2024	13	0.224
Irving Woods	Not Started	13.3	8.6	1,436	1,653	33.1	2022	2024	1	0.369
Union Ridge	Not Started	14.8	9.5	1,533	1,739	36.9	2022	2024	4	0.213
Chatham	Not Started	40.4	26.0	3,957	6,013	100.9	2022	2025	25	0.194
Old Norwood Park	Not Started	14.6	9.5	797	873	36.6	2024	2025	2	0.161
Heart of Italy	Not Started	0.9	0.6	2	6	4.0	2025	2025	15	0.152
Magnolia Glen	Not Started	2.1	1.4	110	298	5.3	2025	2025	20	0.111
Cragin	Not Started	47.1	30.4	4,485	7,845	117.7	2022	2026	9	0.165
Oriole Park	Not Started	18.2	11.8	1,526	1,698	45.6	2024	2026	6	0.426
Rosemoor	Not Started	16.3	10.5	1,869	2,011	40.8	2024	2026	26	0.152
Garfield Ridge	Not Started	64.2	41.4	7,626	8,150	160.5	2022	2027	29	0.228
Heart of Chicago	Not Started	19.2	12.4	2,241	5,563	47.9	2023	2027	24	0.149
Roscoe Village	Not Started	12.9	8.3	1,576	3,174	32.3	2024	2027	14	0.214
Calumet Heights	Not Started	38.5	24.9	3,868	4,344	96.3	2025	2027	33	0.227
Ashburn	Not Started	36.4	23.5	3,682	3,817	91.1	2025	2027	46	0.170
Gage Park	Not Started	28.4	18.3	2,997	3,929	71.0	2024	2028	34	0.156
Norwood Park West	Not Started	23.5	15.2	2,046	2,128	58.7	2025	2028	7	0.287
Edgewater	Not Started	17.6	11.4	1,056	3,649	44.0	2025	2028	16	0.162
West Englewood	Not Started	47.2	30.4	4,179	4,176	117.9	2025	2028	35	0.224
Belmont Heights	Not Started	31.7	20.5	3,894	4,497	79.4	2026	2028	19	0.280
Bridgeport	Not Started	17.9	11.5	834	1,631	78.7	2026	2028	36	0.085
Belmont Terrace	Not Started	8.1	5.2	813	888	20.2	2027	2028	21	0.274
Hermosa	Not Started	5.8	3.7	499	820	25.4	2027	2028	23	0.070
Edgebrook	Not Started	4.6	3.0	195	91	20.1	2028	2028	31	0.036
Hyde Park	Not Started	1.2	0.8	15	49	5.5	2028	2028	57	0.026
East Pilsen	Not Started	2.5	1.6	114	216	11.1	2028	2028	60	0.090
Jefferson Park	Not Started	85.5	54.8	8,605	11,701	212.4	2025	2029	18	0.189
South Chicago	Not Started	51.5	33.2	4,641	6,307	128.7	2025	2029	32	0.148
Wrightwood	Not Started	29.9	19.3	3,015	3,129	74.6	2025	2029	40	0.196
Edison Park	Not Started	2.4	1.5	112	369	10.4	2029	2029	41	0.036
Peterson Park	Not Started	4.0	2.6	413	612	8.1	2029	2029	44	0.408
West Woodlawn	Not Started	17.7	11.5	1,206	2,439	44.4	2027	2030	39	0.163
West Lawn	Not Started	49.3	31.8	5,807	6,541	123.2	2027	2030	47	0.169
Andersonville	Not Started	10.2	6.6	761	2,176	25.4	2028	2030	38	0.119
East Chatham	Not Started	11.0	7.1	742	2,720	27.4	2028	2030	49	0.150
Ukrainian Village	Not Started	9.2	6.0	768	2,608	23.1	2028	2030	51	0.154
Chicago Lawn	Not Started	9.9	6.4	954	1,367	24.6	2029	2030	54	0.123
Little Village	Not Started	15.9	10.2	292	503	69.8	2029	2030	61	0.052
The Bush	Not Started	6.2	4.0	507	716	12.5	2029	2030	63	0.248
Ravenswood	Not Started	33.2	21.4	2,323	7,172	83.0	2028	2031	27	0.119
West Rogers Park	Not Started	67.0	43.2	5,149	11,198	167.4	2028	2031	30	0.140
Lawndale	Not Started	26.8	17.3	1,506	2,629	118.0	2028	2031	48	0.059
Arcadia Terrace	Not Started	8.7	5.6	963	1,995	21.8	2029	2031	55	0.275

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APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2020 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Washington Heights	Not Started	13.2	8.5	1,134	1,107	33.1	2029	2031	69	0.109
Washington Park	Not Started	14.4	9.3	446	1,791	36.0	2029	2031	70	0.118
South Old Irving Park	Not Started	1.9	1.2	132	306	3.8	2031	2031	59	0.182
Ravenswood Gardens	Not Started	1.2	0.8	120	348	2.9	2031	2031	62	0.208
Kelvin Park	Not Started	4.3	2.8	347	501	10.7	2031	2031	72	0.123
Forest Glen	Not Started	4.7	3.0	444	467	9.3	2031	2031	75	0.275
Brainerd	Not Started	29.2	18.8	2,702	3,277	73.0	2028	2032	43	0.173
North Austin	Not Started	19.4	12.5	1,708	2,874	48.5	2029	2032	53	0.084
Big Oaks	Not Started	16.7	10.8	1,785	1,809	41.7	2030	2032	58	0.227
South East Ravenswood	Not Started	3.7	2.4	243	814	9.2	2031	2032	65	0.059
Pulaski Park	Not Started	10.7	6.9	1,092	1,130	26.8	2031	2032	71	0.285
Cottage Grove Heights	Not Started	7.8	5.0	868	846	19.4	2031	2032	76	0.153
Dearborn Homes	Not Started	0.6	0.4	0	0	2.8	2032	2032	82	0.130
Sheffield Neighbors	Not Started	1.1	0.7	29	38	4.8	2032	2032	84	0.030
Hanson Park	Not Started	2.3	1.5	268	496	4.6	2032	2032	87	0.321
Galewood	Not Started	28.5	18.4	2,829	3,343	71.3	2029	2033	50	0.162
Lake View	Not Started	60.0	38.7	5,468	16,297	150.1	2029	2033	52	0.134
Wrightwood Neighbors	Not Started	13.8	8.9	1,191	3,660	34.4	2030	2033	56	0.155
Brighton Park	Not Started	35.7	23.0	3,127	5,068	89.3	2030	2033	64	0.114
Park Manor	Not Started	35.2	22.7	3,114	5,359	88.1	2030	2033	73	0.144
Gladstone Park	Not Started	5.7	3.7	540	848	14.3	2032	2033	89	0.472
Trumbull Park	Not Started	0.4	0.2	9	12	1.6	2033	2033	91	0.875
Lathrop Homes	Not Started	3.0	1.9	120	536	13.2	2033	2033	93	0.027
Chinatown	Not Started	2.6	1.7	227	690	11.5	2033	2033	96	0.135
Belmont Central	Not Started	39.2	25.3	4,535	6,453	97.9	2031	2034	66	0.152
Archer Heights	Not Started	22.9	14.8	1,933	2,578	57.2	2031	2034	67	0.126
Fernwood	Not Started	22.1	14.3	2,231	2,073	55.3	2031	2034	77	0.189
West Town	Not Started	38.6	24.9	2,702	6,789	96.5	2031	2034	78	0.089
Park West	Not Started	9.1	5.9	723	2,147	40.0	2032	2034	81	0.185
Roseland	Not Started	39.6	25.5	3,214	3,287	98.9	2032	2034	86	0.132
Old Town	Not Started	8.0	5.2	498	2,113	20.1	2032	2034	90	0.094
Wrigleyville	Not Started	3.5	2.3	372	1,298	8.9	2033	2034	92	0.165
Near North	Not Started	8.8	5.7	212	555	38.9	2033	2034	109	0.053
O'Hare	Not Started	3.4	2.2	92	327	15.0	2034	2034	104	0.018
Rogers Park	Not Started	1.8	1.2	22	59	8.0	2034	2034	105	0.009
South Austin	Not Started	3.3	2.1	37	17	8.1	2034	2034	110	0.006
West Loop Gate	Not Started	0.5	0.3	3	67	2.0	2034	2034	112	0.061
Back of the Yards	Not Started	15.9	10.3	1,557	2,967	39.8	2032	2035	85	0.052
Longwood Manor	Not Started	14.9	9.6	1,663	1,637	37.3	2033	2035	94	0.163
North Park	Not Started	7.9	5.1	795	1,658	19.8	2034	2035	103	0.141
Marynook	Not Started	7.6	4.9	878	939	15.2	2034	2035	107	0.319
Schorsch Forest View	Not Started	1.1	0.7	2	2	4.8	2035	2035	114	0.074
West De Paul	Not Started	1.6	1.1	110	276	7.2	2035	2035	118	0.032
Portage Park	Not Started	7.6	4.9	119	9	19.1	2035	2035	120	0.021
Graceland West	Not Started	2.9	1.9	239	686	7.3	2035	2035	121	0.169
Logan Square	Not Started	62.9	40.6	6,054	14,831	157.2	2032	2036	83	0.094
Grand Crossing	Not Started	30.8	19.9	2,206	3,608	77.1	2032	2036	88	0.147
Bronzeville	Not Started	23.6	15.2	678	1,815	103.7	2033	2036	95	0.066
Uptown	Not Started	15.0	9.7	740	3,953	37.4	2033	2036	98	0.147
Montclare	Not Started	32.4	20.9	3,248	4,443	81.1	2034	2036	101	0.127
Pill Hill	Not Started	5.6	3.6	578	580	14.0	2035	2036	124	0.371
West Pullman	Not Started	48.8	31.5	4,045	4,002	121.9	2034	2037	99	0.109
Morgan Park E	Not Started	25.7	16.6	2,510	2,478	64.3	2034	2037	102	0.103
Scottsdale	Not Started	39.5	25.5	4,026	4,138	98.7	2034	2037	111	0.198
Burnside	Not Started	14.6	9.4	1,085	1,350	64.4	2035	2037	117	0.076
West Chesterfield	Not Started	8.8	5.7	927	931	21.9	2036	2037	125	0.150
Goose Island	Not Started	3.2	2.1	28	69	14.2	2037	2037	132	0.038
Edgewater Glen	Not Started	2.1	1.3	160	387	9.1	2037	2037	133	0.138
Prairie Shores	Not Started	0.4	0.3	4	1	1.8	2037	2037	135	0.052
Humboldt Park	Not Started	49.0	31.6	4,662	10,855	122.5	2033	2038	106	0.146
Pilsen	Not Started	19.3	12.4	1,241	3,547	48.2	2035	2038	113	0.092
Sauganash	Not Started	25.5	16.4	2,048	2,262	63.6	2035	2038	116	0.171
South Deering	Not Started	8.1	5.2	924	1,147	20.2	2035	2038	122	0.083

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Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2020 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Noble Square	Not Started	10.9	7.0	991	3,371	27.2	2036	2038	119	0.085
Palmer Square	Not Started	8.3	5.4	777	2,034	20.8	2036	2038	126	0.190
Near West Side	Not Started	6.1	4.0	196	403	26.9	2037	2038	123	0.040
Hollywood Park	Not Started	4.8	3.1	539	1,112	12.1	2037	2038	131	0.114
Kilbourn Park	Not Started	6.1	3.9	429	796	15.2	2037	2038	136	0.136
River North	Not Started	3.2	2.1	109	436	14.1	2038	2038	141	0.039
West Garfield Park	Not Started	2.1	1.4	0	0	9.2	2038	2038	144	0.026
Parkview	Not Started	2.2	1.4	219	245	5.4	2038	2038	145	0.050
West Chatham	Not Started	4.3	2.8	458	543	10.7	2038	2038	148	0.085
The Gap	Not Started	1.0	0.6	2	7	4.4	2038	2038	149	0.040
Ranch Triangle	Not Started	0.6	0.4	5	13	2.8	2038	2038	150	0.031
Lakewood - Balmoral	Not Started	3.1	2.0	248	482	7.6	2038	2038	151	0.079
Ida B. Wells / Darrow Homes	Not Started	0.8	0.5	0	0	3.5	2038	2038	153	0.031
Ickes Prairie Homes	Not Started	0.9	0.6	2	4	3.8	2038	2038	154	0.030
West Beverly	Not Started	0.4	0.3	0	0	1.0	2038	2038	157	0.019
Gresham	Not Started	62.7	40.5	5,471	7,226	156.9	2035	2039	115	0.116
Buena Park	Not Started	8.2	5.3	389	2,262	36.1	2037	2039	128	0.119
Edgewater Beach	Not Started	10.0	6.5	480	2,816	25.0	2037	2039	139	0.102
South Loop	Not Started	10.0	6.5	150	661	44.1	2038	2039	137	0.045
Dunning	Not Started	9.7	6.2	1,203	1,386	24.1	2038	2039	140	0.059
Old Town Triangle	Not Started	9.0	5.8	734	1,812	22.5	2038	2039	155	0.149
Winneconna Parkway	Not Started	1.5	1.0	63	126	2.9	2039	2039	159	0.143
University Village / Little Italy	Not Started	2.1	1.3	6	1	9.1	2039	2039	160	0.022
Lake Meadows	Not Started	0.8	0.5	1	3	3.3	2039	2039	166	0.051
Clearing (W)	Not Started	0.5	0.3	0	0	2.0	2039	2039	167	0.006
Beverly	Not Started	1.6	1.0	0	0	4.0	2039	2039	168	0.008
Illinois Medical District	Not Started	0.5	0.3	10	25	2.1	2039	2039	170	0.024
Lithuanian Plaza	Not Started	1.3	0.9	176	270	2.7	2039	2039	171	0.099
The Loop	Not Started	6.5	4.2	95	167	28.4	2039	2039	186	0.023
Fifth City	Not Started	3.8	2.5	170	455	9.5	2039	2039	187	0.044
Lincoln Park	Not Started	22.1	14.3	1,597	4,240	55.3	2036	2040	127	0.204
Englewood	Not Started	70.7	45.6	5,360	6,290	176.8	2036	2040	129	0.092
East Garfield Park	Not Started	31.1	20.1	1,907	3,539	77.8	2036	2040	143	0.102
Wicker Park	Not Started	18.7	12.1	1,537	4,466	46.7	2036	2040	152	0.059
Woodlawn	Not Started	17.4	11.2	916	2,759	43.6	2037	2040	130	0.072
East Ukrainian Village	Not Started	11.5	7.4	1,244	3,949	28.6	2037	2040	134	0.116
Lake View East	Not Started	13.3	8.6	661	4,016	33.3	2037	2040	142	0.085
Bucktown	Not Started	31.6	20.4	3,386	7,852	79.0	2037	2040	162	0.041
Gold Coast	Not Started	12.7	8.2	649	1,561	55.7	2038	2040	177	0.066
Vittum Park	Not Started	7.7	5.0	899	947	19.3	2039	2040	146	0.224
North Center	Not Started	8.9	5.7	626	1,473	22.2	2039	2040	158	0.066
Belmont Gardens	Not Started	4.5	2.9	318	698	19.9	2039	2040	163	0.050
Douglas Park	Not Started	6.2	4.0	253	418	15.6	2039	2040	164	0.099
Sheridan Park	Not Started	5.1	3.3	317	1,918	12.6	2039	2040	165	0.118
Margate Park	Not Started	3.5	2.3	178	794	15.3	2039	2040	173	0.082
Avondale	Not Started	9.2	5.9	553	1,187	40.4	2039	2040	184	0.019
London Town	Not Started	3.3	2.1	306	43	8.1	2040	2040	172	0.011
East Beverly	Not Started	1.7	1.1	0	0	7.4	2040	2040	176	0.008
East Hyde Park	Not Started	0.0	0.0	0	0	0.1	2040	2040	178	0.010
Beverly View	Not Started	2.8	1.8	245	246	7.1	2040	2040	181	0.119
LeClaire Courts	Not Started	2.9	1.8	340	327	5.7	2040	2040	182	0.049
Printers Row	Not Started	1.2	0.8	26	125	5.5	2040	2040	183	0.089
South Commons	Not Started	1.4	0.9	80	107	6.1	2040	2040	188	0.013
The Villa	Not Started	0.6	0.4	0	0	2.7	2040	2040	189	0.034
East Side	Not Started	0.1	0.1	1	1	0.2	2040	2040	190	0.020
Prairie District	Not Started	0.9	0.6	10	44	4.1	2040	2040	191	0.033
North Kenwood	Not Started	0.2	0.1	4	17	1.0	2040	2040	192	0.016
Parkway Gardens	Not Started	0.6	0.4	4	5	2.6	2040	2040	193	-
Dearborn Park	Not Started	1.7	1.1	121	202	4.2	2040	2040	194	0.020
Magnificent Mile	Not Started	0.4	0.3	1	1	1.7	2040	2040	196	0.037
Homan Square	Not Started	0.0	0.0	0	0	0.0	2040	2040	205	0.020
Streeterville	Not Started	0.0	0.0	0	0	0.0	2040	2040	210	0.015
Horner Park	Not Started	0.0	0.0	0	0	0.0	2040	2040	214	0.013

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APPENDIX A - NEIGHBORHOOD METRICS

Neighborhood	Construction Status	REMAINING					Start Year	End Year	Jan 2020 Risk Rank	Mean UMRI
		Install Miles	Retirement Miles	Services	Meters	Cost (\$M)				
Mount Greenwood	Complete	-	-	-	-	-				
Morgan Park W	Complete	-	-	-	-	-				
Altgeld Gardens	Complete	-	-	-	-	-				
Hegewisch	Complete	-	-	-	-	-				
The Island	Complete	-	-	-	-	-				
South Shore	Complete	-	-	-	-	-				
Stateway Gardens	Complete	-	-	-	-	-				
Ford City	Complete	-	-	-	-	-				
Sleepy Hollow	Complete	-	-	-	-	-				
Tri-Taylor	Complete	-	-	-	-	-				
Beverly Woods	Complete	-	-	-	-	-				
Canaryville	Complete	-	-	-	-	-				
Cabrini Green	Complete	-	-	-	-	-				
Marycrest	Complete	-	-	-	-	-				
Jackson Park Highlands	Complete	-	-	-	-	-				
Mount Greenwood Heights	Complete	-	-	-	-	-				
River West	Complete	-	-	-	-	-				
Oakland	Complete	-	-	-	-	-				
Fulton River District	Complete	-	-	-	-	-				
Fuller Park	Complete	-	-	-	-	-				
Riverdale	Complete	-	-	-	-	-				
Wentworth Gardens	Complete	-	-	-	-	-				
Harbour Point Estates	Complete	-	-	-	-	-				
Tally's Corner	Complete	-	-	-	-	-				
Chrysler Village	Complete	-	-	-	-	-				
Golden Gate	Complete	-	-	-	-	-				
Near East Side	Complete	-	-	-	-	-				
The Robert Taylor Homes	Complete	-	-	-	-	-				
Kennedy Park	Complete	-	-	-	-	-				
Pullman	Complete	-	-	-	-	-				
Eden Green	Complete	-	-	-	-	-				
Clearing (E)	Complete	-	-	-	-	-				
Wildwood	Complete	-	-	-	-	-				
Brynford Park	Complete	-	-	-	-	-				
Greektown	Complete	-	-	-	-	-				
Groveland Park	Complete	-	-	-	-	-				
Old Edgebrook	Complete	-	-	-	-	-				
River's Edge	Complete	-	-	-	-	-				
Sauganash Woods	Complete	-	-	-	-	-				
West Humboldt Park	Complete	-	-	-	-	-				

APPENDIX B - PI/SI METRICS

Project	Construction Status	Driver	Install Miles	Retirement Miles	Services	Meters	Cost (\$M)	Meets UMRI Threshold*
WESTERN & ROOSEVELT LP ISLAND	Completed Q-3	SI	0.68	1.44	75	170	\$1.81M	No
WESTERN & ROOSEVELT LP ISLAND	Completed Q-3	SI	0.87	0.66	23	45	\$1.25M	No
WESTERN & ROOSEVELT LP ISLAND	Completed Q-3	SI	0.54	0.84	68	214	\$1.44M	No
WESTERN & ROOSEVELT LP ISLAND	Completed Q-3	SI	1.81	1.52	111	298	\$3.47M	Yes
WESTERN & ROOSEVELT LP ISLAND	Completed Q-3	SI	0.42	0.8	47	84	\$1.10M	No
63RD & MLK DRIVE	Completed Q-3	SI	1.1	0.9	36	86	\$4.40	No
95TH & ASHLAND	Completed Q-3	SI	1.8	1.4	53	169	\$3.20	No
SEWER 7374 - 84TH & SAGINAW	Completed Q-3	PI	0	0	0	0	\$0.10	No
84TH & PULASKI	Completed Q-3	SI	0.27	0.01	8	13	\$0.79M	No
LAF LIN & CERMAK SYSTEM IMPROVEMENT	Completed Q-3	SI	0.08	0.08	0	0	\$0.80M	No
DEARBORN & MONROE LOOP UPGRADE	Completed Q-3	PI	0.69	0.62	14	41	\$6.20M	No
SEWER 7413 - 108TH & HOXIE	Completed Q-3	PI	1.3	0.8	92	114	\$2.30	No
2300 S LOOMIS	Completed Q-3	SI	0.51	0.4	8	7	\$0.86M	No
MICHIGAN MONROE TO BALBO LOOP UPGRADE	Completed Q-3	PI	0.64	0.81	19	20	\$4.29M	No
MICHIGAN MONROE TO BALBO LOOP UPGRADE	Completed Q-3	PI	0.17	0.01	6	7	\$1.17M	No
11515-11657 S ASHLAND	Completed Q-3	SI	0.3	0	0	0	\$1.30	No
SEWER 7300 - 52ND & NATCHEZ	Completed Q-3	PI	0.07	0.08	0	0	\$0.48M	No
SEWER 7426 - CHRISTIANA & CATALPA	Completed Q-3	PI	0.01	0.01	0	0	\$0.14M	No
SEWER 7460 - ROSEMONT & ALBANY	Completed Q-3	PI	0.02	0.02	0	0	\$0.38M	No
SEWER 7454 - SHERWIN & FRANCISCO	Completed Q-3	PI	0.02	0.02	0	0	\$0.32M	No
SEWER 6436 - LOVEJOY & FOSTER	Completed Q-3	PI	0.03	0.02	0	0	\$0.26M	No
SEWER 7479 - KILPATRICK & WRIGHTWOOD	Completed Q-3	PI	0.02	0.02	0	0	\$0.21M	No
SEWER 7015 - HENDERSON & KEELER	Completed Q-3	PI	0.03	0.01	0	0	\$0.32M	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