

DOCKET NO. 20230098-GU

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September 1, 2023

VIA ELECTRONIC FILING

Mr. Adam J. Teitzman Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: New Docket No. ______ Petition of Peoples Gas System, Inc. for Approval of 2022 True-Up, the Projected 2023 True-Up and 2024 Revenue Requirements and Surcharges Associated with Cast Iron/Bare Steel Replacement Rider

Dear Mr. Teitzman:

Attached for filing is Peoples Gas System, Inc.'s Petition for Approval of 2022 True-Up, the Projected 2023 True-Up and 2024 Revenue Requirements and Surcharges Associated with Cast Iron/Bare Steel Replacement Rider.

Thank you for your assistance in connection with this matter.

Sincerely,

Virginia Ponder

VLP/ne Attachment

cc: Walt L. Trierweiler, Office of Public Counsel (w/ att.) Charles J. Rehwinkel, Office of Public Counsel (w/ att.)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for approval of 2022 True-up,) the Projected 2023 true-up and 2024) Revenue Requirements and Surcharges) associated with Cast Iron / Bare Steel) Replacement Rider, by Peoples Gas) System, Inc.)

Docket No.

Submitted for Filing: September 1, 2023

PETITION OF PEOPLES GAS SYSTEM, INC. FOR APPROVAL OF 2022 TRUE-UP, THE PROJECTED 2023 TRUE-UP AND 2024 REVENUE REQUIREMENTS AND SURCHARGES ASSOCIATED WITH CAST IRON/BARE STEEL REPLACEMENT RIDER

Peoples Gas System, Inc. ("Peoples" or the "company"), by its undersigned counsel, petitions the Commission for approval of (i) the 2022 true-up amount, (ii) the projected true-up amount for 2023, (iii) the Revenue Requirements to be recovered by the company during the period January through December 2024, and (iv) the Surcharges to be collected from customers for such recovery, all as provided by the company's Cast Iron/Bare Steel Replacement Rider (Rider CI/BS), and in support of this petition states:

1. The name of the petitioner and the mailing address of its principal office are:

Peoples Gas System, Inc. P.O. Box 2562 Tampa, Florida 33601-2562

2. The names and mailing address of the persons authorized to receive notices and

communications with respect to this petition are:

Jeff Wahlen jwahlen@ausley.com Malcolm N. Means <u>mmeans@ausley.com</u> Virginia Ponder <u>vponder@ausley.com</u> Ausley McMullen 123 S. Calhoun St. Tallahassee, FL 32301-1517 Ms. Paula K. Brown Regulatory Affairs Peoples Gas System, Inc. P. O. Box 111 Tampa, Florida 33601-0111 regdept@tecoenergy.com Karen L. BramleyMatthew E. ElliottDirector, Regulatory AffairsManager, Regulatory AffairsPeoples Gas System, Inc.Peoples Gas System, Inc.P. O. Box 2562P.O. Box 2562Tampa, Florida 33601-2562Tampa, FL 33601-2562KLBramley@tecoenergy.comMEElliott@tecoenergy.com

3. The Commission has jurisdiction to entertain this petition pursuant to Sections 366.04(1), 366.05(1) and 366.06, Florida Statutes.

4. Peoples is a natural gas local distribution company providing sales and transportation delivery of natural gas throughout most of the State of Florida and is a natural gas public utility subject to the Commission's statutory jurisdiction to establish rates and charges under Section 366.06, Florida Statutes.

BACKGROUND

5. By its Order No. PSC-12-0476-TRF-GU, issued on September 18, 2012 (the "2012 Order"), in Docket No. 20110320-GU, the Commission approved Peoples' Rider CI/BS, together with projected Revenue Requirements contemplated by the rider for recovery during 2013 and Surcharges through which to recover the projected Revenue Requirements. Additionally, it was contemplated that the replaced infrastructure would continue to be recovered through the Rider CI/BS and would be rolled into Peoples' overall rate base and the surcharge would be "reset to zero" in a future rate proceeding.

6. Peoples' petition for approval of Rider CI/BS contemplated annual capital expenditures of approximately \$8 million for the replacement of bare steel and cast-iron infrastructure but made clear that annual amount was only an estimate, and that the actual expenditures could be more or less than the estimate during any year in which the program is in effect. In Peoples' 2008 rate case, the Commission approved \$1 million in rate base for the 2009 projected test year for replacement of aging infrastructure. As such, in continuing with its

commitment to spend \$1 million annually for replacement activities, Peoples excludes the first \$1 million of its annual capital expenditures for replacement activities and those dollars will be included in rate base in a future rate case.

7. The rider, and the Commission's 2012 Order approving it, contemplates the filing by Peoples in September of each year of a petition to establish revised Surcharges to be effective the following calendar year (in the case of this petition, calendar year 2024). The petitions are to contain an actual/estimated true-up showing seven months of actual and five months of projected costs and revenues for the calendar year in which the petition is filed, and a projection showing 12 months of projected rider Revenue Requirements for the 12-month period beginning January 1 following the filing of the petition. The 2012 Order also requires a final true-up showing the actual replacement costs and actual Surcharge revenues for the most recent 12-month historical period from January 1 through December 31 that ends prior to the annual petition filing, including the final over- or under-recovery for the final true-up period.

8. By its Order No. PSC-17-0066-AS-GU, issued February 28, 2017, in Docket No. 20160159-GU, the Commission approved a Settlement Agreement between Peoples and the Office of Public Counsel ("OPC") that allows for cost recovery through Rider CI/BS associated with Peoples' replacement of Problematic Plastic Pipe ("PPP") beginning in 2017 and continuing through 2028.

9. By its Order No. PSC-2020-0485-FOF-GU, issued December 10, 2020, in

3

Docket No. 20200051-GU, the Commission approved a Settlement Agreement between Peoples, OPC, and FIPUG that moved \$23.6 million of the 2021 Rider CI/BS revenue requirement related to Peoples' Rider CI/BS investments made through December 31, 2020 (\$200.7 million) from recovery through the Rider CI/BS Surcharges, to recovery through base rates, effective January 1, 2021. The Settlement Agreement also required Peoples to record the difference between the actual December 31, 2020 Rider CI/BS net book value and the \$200.7 million referred to above as an adjustment to the January 1, 2021 Rider CI/BS net book value.

10. This petition is the filing contemplated by the rider and the Commission's 2012 Order approving it. By Order No. PSC-2022-0405-TRF-GU, issued November 21, 2022, in Docket No. 20220152-GU, the Commission approved the true-up for calendar year 2021, the estimated true-up for calendar year 2022, and the Revenue Requirements and Surcharges for calendar year 2023.

11. On April 4, 2023, Peoples filed its petition for rate case in Docket No. 2023023-GU. In the petition, Peoples requested to move \$93.3 million of Rider CI/BS investments made between January 1, 2021 through December 31, 2023 into rate base, thereby adding the related \$11.7 million of 2024 revenue requirements to be recovered through base rates pursuant to Commission Order No. PSC-12-04760-TRF-GU.

RELIEF REQUESTED

12. Peoples seeks the Commission's approval of the final true-up amount for the calendar year 2022 of \$787,888 under-recovery (including interest). The calculation of this amount is contained in Exhibit A attached to this petition.

13. Peoples also seeks approval of the projected true-up for calendar year 2023, as shown in Exhibit B to this petition, and has re-projected that its actual expenditures for eligible

4

replacements under Rider CI/BS during 2023 will be \$25,517,409. This re-projected total does not include the first \$1 million in such expenditures. Exhibit B, Page 2 of 4, reflects on line 10 an "End of Period Total True-up" of \$10,683 under-recovery, derived as the addition of the remaining 2022 under-recovery of \$66,720 and the 2023 over-recovery of \$56,037. Additionally, "Calculation of Revenue Requirement Rate of Return" schedules have been included to reflect any changes.

14. Exhibit C includes projected capital expenditures for the replacement of cast iron/bare steel infrastructure and PPP during calendar year 2024 and Exhibit D contains revised Surcharges to be collected from customers commencing with bills rendered for meter readings taken on and after January 1, 2024. The estimated total true-up for 2023, an under-recovery of \$10,683, increases the total amount to be collected through the revised Surcharges during 2024. Projected capital expenditures for replacements during 2024 are \$18,802,302, (not including the first \$1 million of such expenditures).

15. Fourteenth Revised Sheet No. 7.806 to Peoples' Natural Gas Tariff, Original Volume No. 3, setting forth the revised surcharges, accompanies the filing of this petition.

WHEREFORE, Peoples respectfully requests that the Commission enter an order approving:

- A. The final true-up for calendar year 2022, the calculation of which is contained in Exhibit A;
- B. The projected Revenue Requirements for 2024 (as calculated in Exhibit C, and as adjusted by the projected true-up for 2023 calculated in Exhibit B); and
- C. Peoples' billing of the recovery Surcharges for 2024 set forth in Exhibit D to this petition commencing with bills rendered for meter readings taken on and after January 1, 2024.

DATED this 1st day of September,

Respectfully submitted,

JEFF WAHLEN jwahlen@ausley.com MALCOLM N. MEANS mmeans@ausley.com VIRGINIA PONDER virginia@ausley.com Ausley McMullen Post Office Box 391 Tallahassee, FL 32302 (850) 224-9115

Attorneys for Peoples Gas System, Inc.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing petition has been furnished by electronic mail this 1st day of September 2023, to the following:

Walt Trierweiler Charles Rehwinkel Office of Public Counsel 111 W. Madison Street – Room 812 Tallahassee, Florida 32399-1400. trierweiler.walt@leg.state.fl.us rehwinkel.charles@leg.state.fl.us

ATTORNEY

Tariff Sheet 7.806 Clean and Legislative

CAST IRON/BARE STEEL REPLACEMENT RIDER RIDER CI/BSR

The monthly bill for Gas Service in any Billing Period shall be increased by the CI/BSR Surcharge determined in accordance with this Rider. CI/BSR Surcharges approved by the Commission for bills rendered for meter readings taken on or after January 1, 2024, are as follows with respect to Customers receiving Gas Service under the following rate schedules:

| Rate Schedule | CI/BSR Surcharge |
|---|--|
| Residential/Residential Standby Generator / Residential Gas Heat Pump Service Small General Service | \$ 0.00322 per therm \$ 0.00174 per therm |
| General Service – 1/ Commercial Standby | |
| Generator Service / Commercial Gas Heat Pump Service | \$ 0.00114 per therm |
| General Service – 2 | \$ 0.00118 per therm |
| General Service – 3 | \$ 0.00119 per therm |
| General Service – 4 | \$ 0.00129 per therm |
| General Service – 5 | \$ 0.00050 per therm |
| Commercial Street Lighting | \$ 0.00104 per therm |
| Wholesale | \$ 0.00084 per therm |
| Small Interruptible Service | \$ 0.00059 per therm |
| Interruptible Service | \$ 0.00013 per therm |
| Interruptible Service – Large Volume | \$ 0.00000 per therm |

The CI/BSR Surcharges set forth above shall remain in effect until changed pursuant to an order of the Commission.

CI/BSR Surcharges shall be determined in accordance with the provisions of this Rider set forth below.

Definitions

For purposes of this Rider:

"<u>Eligible Replacements</u>" means the following Company plant investments that (i) do not increase revenues by directly connecting new customers to the plant asset, (ii) are in service and used and useful in providing utility service and (iii) were not included in the Company's rate base for purposes of determining the Company's base rates in its most recent general base rate proceeding:

Mains and service lines, as replacements for existing materials recognized/identified by the Pipeline Safety and Hazardous Materials Administration as being obsolete and that present a potential safety threat to operations and the general public, including cast iron, wrought iron, bare steel, and specific polyethylene/plastic facilities, and regulators and other pipeline system components the installation of which is required as a consequence of the replacement of the aforesaid facilities.

"<u>CI/BSR Revenues</u>" means the revenues produced through CI/BSR Surcharges, exclusive of revenues from all other rates and charges.

CAST IRON/BARE STEEL REPLACEMENT RIDER RIDER CI/BSR

The monthly bill for Gas Service in any Billing Period shall be increased by the CI/BSR Surcharge determined in accordance with this Rider. CI/BSR Surcharges approved by the Commission for bills rendered for meter readings taken on or after January 1, <u>20232024</u>, are as follows with respect to Customers receiving Gas Service under the following rate schedules:

| <u>Rate Schedule</u> Residential/Residential Standby Generator / | CI/BSR Surcharge |
|---|---|
| Residential Gas Heat Pump Service Small General Service | \$ |
| General Service – 1/ Commercial Standby | \$ 0.01010<u>0</u>.00174 per merni |
| Generator Service / | ¢ 0.012260.00111 per therm |
| Commercial Gas Heat Pump Service General Service – 2 | \$ |
| General Service – 2 General Service – 3 | \$ 0.011730.00118 per therm |
| General Service – 3 | \$ 0.011660.00129 per therm |
| General Service – 5 | \$ 0.005030.00050 per therm |
| Commercial Street Lighting | \$ 0.010330.00104 per therm |
| Wholesale | \$ 0.004990.00084 per therm |
| Small Interruptible Service | \$ 0.005740.00059 per therm |
| Interruptible Service | \$ 0.001250.00013 per therm |
| Interruptible Service – Large Volume | \$ 0.00000 per therm |

The CI/BSR Surcharges set forth above shall remain in effect until changed pursuant to an order of the Commission.

CI/BSR Surcharges shall be determined in accordance with the provisions of this Rider set forth below.

Definitions

For purposes of this Rider:

"<u>Eligible Replacements</u>" means the following Company plant investments that (i) do not increase revenues by directly connecting new customers to the plant asset, (ii) are in service and used and useful in providing utility service and (iii) were not included in the Company's rate base for purposes of determining the Company's base rates in its most recent general base rate proceeding:

Mains and service lines, as replacements for existing materials recognized/identified by the Pipeline Safety and Hazardous Materials Administration as being obsolete and that present a potential safety threat to operations and the general public, including cast iron, wrought iron, bare steel, and specific polyethylene/plastic facilities, and regulators and other pipeline system components the installation of which is required as a consequence of the replacement of the aforesaid facilities.

"<u>CI/BSR Revenues</u>" means the revenues produced through CI/BSR Surcharges, exclusive of revenues from all other rates and charges.

"EXHIBIT A"

CALCULATION OF THE FINAL AMOUNT FOR 2022 (PAGE 1 OF 3)

CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR 2022 (PAGE 2 OF 3)

INTEREST PROVISION FOR 2022 (PAGE 3 OF 3)

Peoples Gas System, Inc.

Cast Iron / Bare Steel Replacement Rider Calculation of the Final Amount for the Period

Docket No. Exhibit A Page 1 of 3

January 2022 to December 2022 Total Return on CI/BS & PPP Capital Investments, Depreciation and Taxes for Eligible Replacements

(in Dollars)

| <u>Line</u> | Description | eginning of riod Amount | Actual January | Actual <u>February</u> | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual July | Actual <u>August</u> | Actual <u>September</u> | Actual <u>October</u> | Actual <u>November</u> | Actual <u>December</u> | End of Period <u>Total</u> |
|-------------|---|----------------------------|-------------------|---------------------------|------------------------|------------------------|----------------------|----------------|----------------|-------------------------|----------------------------|--------------------------|---------------------------|---------------------------|----------------------------------|
| | Investments | | | | | | | | | | | | | | |
| | a. Eligible Replacements - Mains (Plastic) | | 2,025,175 | 4,094,616 | 523,978 | 4,135,162 | 1,120,948 | 1,760,249 | 1,357,971.55 | 2,030,987.35 | 1,768,900.28 | 2,503,390.75 | 1,934,689.96 | 4,849,099.25 | 28,105,168 |
| | b. Eligible Replacements - Mains (Steel) | | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 |
| | c. Eligible Replacements - Services (Plastic) | | 42,693 | 25,753 | 182,294 | (2,402) | 27,680 | 35,007 | 31,735.85 | 28,313.47 | 16,964.21 | 5,940.14 | 17,369.30 | 46,981.73 | 458,331 |
| | d. Eligible Replacements - Services (Steel) | | 0 | (47,813) | 0 | 0 | 0 | (3,650) | (1,422.18) | 0.00 | 12,445.13 | 25,868.69 | (4,825.60) | 21,575.54 | 2,179 |
| | e. Eligible Replacements - Regulators | | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 |
| | f. First \$1,000,000 Adjustment to Rate Base | | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 |
| | g. Clearings to Plant | | 612,893 | 1,633,831 | 676,446 | 326,591 | 1,398,900 | 3,725,234 | 277,211.02 | 901,101.55 | 35,241.01 | 355,929.95 | 580,705.88 | 932,898.97 | 11,456,983 |
| 2. | Gross Plant-in-Service/Depreciation Base | 23,549,936 | 24,162,829 | 25,796,659 | 26,473,105 | 26,799,696 | 28,198,597 | 31,923,830 | 32,201,041.25 | 33,102,143 | 33,137,384 | 33,493,314 | 34,074,020 | 35,006,919 | |
| 3. | Less: Accumulated Depreciation | 82,003 | 54,312 | 25,962 | (4,385) | (35,736) | (67,475) | (101,054) | (138,467.14) | (176,163) | (215,046) | (254,014) | (293,461) | (333,426) | |
| 4. | CWIP - NonInterest Bearing | 17,609,019 | 19,063,995 | 21,502,721 | 21,532,547 | 25,338,716 | 25,088,444 | 23,154,817 | 24,265,890.99 | 25,424,090 | 27,187,159 | 29,366,429 | 30,732,956 | 34,717,714 | |
| 5. | Net Book Value (Lines 2 + 3 + 4) | 41,240,958 | 43,281,136 | 47,325,342 | 48,001,268 | 52,102,677 | 53,219,566 | 54,977,593 | 56,328,465.10 | 58,350,071 | 60,109,497 | 62,605,728 | 64,513,515 | 69,391,207 | |
| | | \$ | | | | | | | | | | | | | |
| 6. | Average Net Book Value | | 42,261,047 | 45,303,239 | 47,663,305 | 50,051,972 | 52,661,121 | 54,098,580 | 55,653,029 | 57,339,268 | 59,229,784 | 61,357,612 | 63,559,622 | 66,952,361 | |
| 7. | Return on Average Net Book Value | | | | | | | | | | | | | | |
| | a. Equity component Grossed up for taxes (A) | | 223,529 | 239,620 | 252,103 | 264,737 | 278,537 | 286,141 | 294,362 | 303,282 | 313,281 | 324,535 | 336,183 | 354,128 | 3,470,438 |
| | b. Debt component (B) | | 49,448 | 53,009 | 55,770 | 58,565 | 61,618 | 63,300 | 65,119 | 67,092 | 69,304 | 71,793 | 74,370 | 78,340 | 767,728 |
| | | _ | 272,977 | 292,629 | 307,873 | 323,302 | 340,155 | 349,441 | 359,481 | 370,374 | 382,585 | 396,328 | 410,553 | 432,468 | 4,238,166 |
| 8. | Investment Expenses | | | | | | | | | | | | | | |
| | Depreciation Expense (C) | | 31,143 | 31,983 | 34,037 | 35,099 | 35,521 | 37,367 | 42,237.57 | 42,627 | 43,827 | 43,914 | 44,435 | 45,197 | 467,387 |
| | b. Amortization | | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| | c. Property Taxes (D) | | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,544 | 30,548 | 366,532 |
| | d. Depreciation Savings | - | (3,453) | (3,632) | (3,690) | (3,748) | (3,782) | (3,788) | (4,824) | (4,931) | (4,943) | (4,946) | (4,989) | (5,232) | (51,959) |
| 9. | Total Recoverable Costs (Lines 7 + 8) | = | 331,211 | 351,524 | 368,764 | 385,197 | 402,438 | 413,565 | 427,438 | 438,613 | 452,013 | 465,841 | 480,543 | 502,981 | 5,020,127 |

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Notes: (A) Line 7a = Line 6 x 6.3471% x 1/12. Based on ROE of 9.90%, and weighted income tax rate of 25.345%, Net Operating Income Multiplier of 1.35087.

(B) Line 7b = Line 6 x 1.4041% x 1/12

(C) Depreciation rates: 1.6% Mains Plastic, 2.1% Mains Steel, 2.7% Services Plastic, 4.0% Services Steel, 2.7% Regulator Stations

(D) Ad Valorem Tax Rate is 1.551%

Peoples Gas System, Inc. Cast Iron / Bare Steel Replacement Rider Calculation of the Final True-Up Amount January 2022 to December 2022 Final True-Up Amount (in Dollars)

| Line | Description | Actual <u>January</u> | Actual <u>February</u> | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual July | Actual <u>August</u> | Actual <u>September</u> | Actual <u>October</u> | Actual <u>November</u> | Actual <u>December</u> | End of Period <u>Total</u> |
|------|---|--|--|--|--|--|--|--|--|--|--|--|--|---|
| 1. | CIBSR Revenues (net of Revenue Taxes) | 540,659 | 583,637 | 500,541 | 449,475 | 416,421 | 361,835 | 331,705 | 319,611 | 332,348 | 363,722 | 387,839 | 464,824 | 5,052,616 |
| 2. | True-Up Provision | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,739) | (28,741) | (344,870) |
| 3. | CIBSR Revenues Applicable to Period (Lines 1 + 2) | 511,920 | 554,898 | 471,802 | 420,736 | 387,682 | 333,096 | 302,966 | 290,872 | 303,609 | 334,983 | 359,100 | 436,083 | 4,707,746 |
| 4. | CIBSR Costs a. Return on Investment b. Depreciation c. Property Taxes d. Depreciation Savings | 272,977 31,143 30,544 (3,453) | 292,629 31,983 30,544 (3,632) | 307,873 34,037 30,544 (3,690) | 323,302 35,099 30,544 (3,748) | 340,155 35,521 30,544 (3,782) | 349,441 37,367 30,544 (3,788) | 359,481 42,238 30,544 (4,824) | 370,374 42,627 30,544 (4,931) | 382,585 43,827 30,544 (4,943) | 396,328 43,914 30,544 (4,946) | 410,553 44,435 30,544 (4,989) | 432,468 45,197 30,548 (5,232) | 4,238,166 467,387 366,532 (51,959) |
| | d. Total CIBSR Costs | 331,211 | 351,524 | 368,764 | 385,197 | 402,438 | 413,564 | 427,438 | 438,613 | 452,012 | 465,841 | 480,543 | 502,981 | 5,020,126 |
| 5. | - Over/(Under) Recovery (Line 3 - Line 4d) Interest Provision | 180,709 (41) | 203,374 (38) | 103,038 | 35,539 22 | (14,756) 63 | (80,468) 252 | (124,472) 491 | (147,742) 352 | (148,403) (184) | (130,857) (897) | (121,444) (1,311) | (66,898) | (312,380) (3,505) |
| 0. | | (1-) | (50) | (17) | | 00 | 202 | 151 | 552 | (101) | (057) | (1)011) | (2)2077 | (3,303) |
| 7. | Beginning Balance True-Up & Interest Provision | (563,794) | (354,387) | (122,312) | 9,448 | 73,748 | 87,794 | 331,653 | 236,411 | 117,760 | (276,296) | (379,311) | (473,327) | (563,794) |
| 8. | True-Up Collected/(Refunded) | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,739 | 28,741 | 344,870 |
| 9. | End of Period Total True-Up (Lines 5+6+7+8) | (354,387) | (122,312) | 9,448 | 73,748 | 87,794 | 36,317 | 236,411 | 117,760 | (2,088) | (379,311) | (473,327) | (513,681) | (534,809) |
| 9.a | Compliance Audit Adj. Refund to Customers | 0 | 0 | 0 | 0 | 0 | 295,336 | 0 | 0 | (274,208) | 0 | 0 | (274,208) | (253,079) |
| 10. | Adjusted End of Period Total True Up | (\$354,387) | (\$122,312) | \$9,448 | \$73,748 | \$87,794 | \$331,653 | \$236,411 | \$117,760 | (\$276,296) | (\$379,311) | (\$473,327) | (\$787,888) | (\$787,888) |

PEOPLES GAS SYSTEM, INC. CAST IRON / BARE STEEL RIDER EXHIBIT A PAGE 2 OF 3 FILED: SEPTEMBER 1, 2023

Docket No.

Page 2 of 3

Exhibit A

13

Peoples Gas System, Inc. Cast Iron / Bare Steel Replacement Rider Calculation of the Final True-Up Amount January 2022 to December 2022 Interest Provision (in Dollars)

| <u>Line</u> | Description | Actual January | Actual February | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual July | Actual <u>August</u> | Actual <u>September</u> | Actual <u>October</u> | Actual <u>November</u> | Actual <u>December</u> | End of Period <u>Total</u> |
|-------------|--|-------------------|--------------------|------------------------|------------------------|----------------------|----------------|----------------|-------------------------|----------------------------|--------------------------|---------------------------|---------------------------|----------------------------------|
| 1. | Beginning True-Up Amount | (\$563,794) | (\$354,387) | (\$122,312) | \$9,448 | \$73,748 | \$87,794 | \$331,653 | \$236,411 | \$117,760 | (\$276,296) | (\$379,311) | (\$473,327) | |
| 2. | Ending True-Up Amount Before Interest | (354,346) | (122,274) | 9,465 | 73,726 | 87,731 | 331,401 | 235,920 | 117,408 | (276,112) | (378,414) | (472,016) | (785,691) | |
| 3. | Total of Beginning & Ending True-Up (Lines 1 + 2) | (918,140) | (476,661) | (112,847) | 83,174 | 161,479 | 419,195 | 567,573 | 353,819 | (158,352) | (654,709) | (851,326) | (1,259,018) | |
| 4. | Average True-Up Amount (Line 3 x 1/2) | (459,070) | (238,331) | (56,424) | 41,587 | 80,740 | 209,598 | 283,787 | 176,910 | (79,176) | (327,355) | (425,663) | (629,509) | |
| 5. | Interest Rate (First Day of Reporting Business Month) | 0.08% | 0.14% | 0.24% | 0.49% | 0.76% | 1.12% | 1.76% | 2.40% | 2.38% | 3.20% | 3.37% | 4.01% | |
| 6. | Interest Rate (First Day of Subsequent Business Month) | 0.14% | 0.24% | 0.49% | 0.76% | 1.12% | 1.76% | 2.40% | 2.38% | 3.20% | 3.37% | 4.01% | 4.37% | |
| 7. | Total of Beginning & Ending Interest Rates (Lines 5 + 6) | 0.22% | 0.38% | 0.73% | 1.25% | 1.88% | 2.88% | 4.16% | 4.78% | 5.58% | 6.57% | 7.38% | 8.38% | |
| 8. | Average Interest Rate (Line 7 x 1/2) | 0.110% | 0.190% | 0.365% | 0.625% | 0.940% | 1.440% | 2.080% | 2.390% | 2.790% | 3.285% | 3.690% | 4.190% | |
| 9. | Monthly Average Interest Rate (Line 8 x 1/12) | 0.009% | 0.016% | 0.030% | 0.052% | 0.078% | 0.120% | 0.173% | 0.199% | 0.233% | 0.274% | 0.308% | 0.349% | |
| 10. | Interest Provision for the Month (Line 4 x Line 9) | (\$41) | (\$38) | (\$17) | \$22 | \$63 | \$252 | \$491 | \$352 | (\$184) | (\$897) | (\$1,311) | (\$2,197) | (\$3,505) |

PEOPLES GAS SYSTEM, INC. CAST IRON / BARE STEEL RIDER EXHIBIT A PAGE 3 OF 3 FILED: SEPTEMBER 1, 2023

Docket No. Exhibit A

Page 3 of 3

"EXHIBIT B"

CALCULATION OF ACTUAL AND REFORECAST AMOUNT FOR 2023 (PAGE 1 OF 4)

PROJECTED TRUE-UP AMOUNT FOR 2023 (PAGE 2 OF 4)

INTEREST PROVISION FOR 2023 (PAGE 3 OF 4)

CALCULATION OF DEBT AND EQUITY RETURN (PAGE 4 OF 4)

| Peoples Gas System, Inc. |
|--|
| Cast Iron/Bare Steel Replacement Rider |

Docket No. Exhibit B

Page 1 of 4

Calculation of the Actual and Reforecast Amount (7 + 5 forecast) for the Period

January 2023 to December 2023

Total Return on CI/BS & PPP Capital Investments, Depreciation and Taxes for Eligible Replacements

(in Dollars)

| <u>Line</u> | Description | Beginning of <u>Period Amount</u> | Actual January | Actual <u>February</u> | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual July | Forecast <u>August</u> | Forecast <u>September</u> | Forecast October | Forecast <u>November</u> | Forecast December | End of Period <u>Total</u> |
|-------------|--|--------------------------------------|-------------------|---------------------------|------------------------|------------------------|----------------------|----------------|----------------|---------------------------|------------------------------|---------------------|-----------------------------|----------------------|----------------------------------|
| | Investments | | 2 040 452 | 2 042 254 | 2 407 720 | | 4 533 433 | | 4 404 765 | 2 425 252 | 2 727 400 | 4 350 707 | 4 3 4 4 9 3 9 | 4 4 4 2 0 7 5 | 25 200 425 |
| | a. Eligible Replacements - Mains (Plastic) | | 2,018,153 | 2,812,361 | 3,407,729 | 1,830,440 | 1,533,437 | 4,404,754 | 1,481,765 | 2,426,868 | 2,727,198 | 1,359,707 | 1,244,039 | 1,143,975 | 26,390,426 |
| | b. Eligible Replacements - Mains (Steel) | | 0 | 0 | 0 41.092 | 0 44.878 | 0 3.305 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 083 |
| | c. Eligible Replacements - Services (Plastic) | | U | 0 | 41,092 | 44,878 | 3,305 | 11,615 | 26,093 | 0 | U | 0 | U | 0 | 126,983 |
| | d. Eligible Replacements - Services (Steel) e. Eligible Replacements - Regulators | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | f. First \$1,000,000 Adjustment to Rate Base | | (238,613) | (157,778) | (603,609) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (1,000,000) |
| | g. Clearings to Plant | | 1,208,084 | 3,016,458 | 3,958,580 | 769,285 | 637,950 | 28,674,680 | 3,226,550 | 4,280,588 | 4,042,406 | 2,687,985 | 2,269,165 | 1,937,835 | 56,709,567 |
| | g. Clearings to Plant | | 1,208,084 | 3,010,458 | 3,958,580 | /09,285 | 037,950 | 28,074,080 | 3,220,550 | 4,280,588 | 4,042,400 | 2,087,985 | 2,209,105 | 1,937,835 | 50,709,507 |
| 2. | Gross Plant-in-Service/Depreciation Base | 35,006,919 | 36,215,003 | 39,231,461 | 43,190,041 | 43,959,326 | 44,597,276 | 73,271,956 | 76,498,505.80 | 80,779,094 | 84,821,500 | 87,509,485 | 89,778,650 | 91,716,485.26 | |
| 3. | Less: Accumulated Depreciation | (333,426) | (374,056) | (416,153) | (462,027) | (512,815) | (564,546) | (616,454) | (704,984.76) | (797,736) | (896,053) | (999,624) | (1,106,690) | (1,216,705.97) | |
| 4. | CWIP - NonInterest Bearing | 34,717,714 | 35,289,170 | 34,927,294 | 33,813,927 | 34,919,960 | 35,818,752 | 11,560,440 | 9,841,748.61 | 7,988,028 | 6,672,821 | 5,344,542 | 4,319,417 | 3,525,556.15 | |
| 5. | Net Book Value (Lines 2 + 3 + 4) | 69,391,207 | 71,130,117 | 73,742,602 | 76,541,941 | 78,366,471 | 79,851,482 | 84,215,943 | 85,635,269.65 | 87,969,386 | 90,598,268 | 91,854,403 | 92,991,376 | 94,025,335 | |
| 6. | Average Net Book Value | \$ - | 70,260,662 | 72,436,359 | 75,142,271 | 77,454,206 | 79,108,977 | 82,033,712 | 84,925,606 | 86,802,328 | 89,283,827 | 91,226,335 | 92,422,890 | 93,508,356 | |
| 7 | Return on Average Net Book Value | | | | | | | | | | | | | | |
| | a. Equity component Grossed up for taxes (A) | | 358,786 | 369,896 | 383,714 | 395,520 | 403,970 | 418,905 | 433,672 | 443,256 | 455,928 | 465,847 | 471,958 | 477,501 | 5,078,953 |
| | b. Debt component (B) | | 76,772 | 79.149 | 82.105 | 84.631 | 86,440 | 89.635 | 92,795 | 94,846 | 97,557 | 99,680 | 100.987 | 102.173 | 1.086.770 |
| | | - | 435,558 | 449,045 | 465,819 | 480,151 | 490,410 | 508,540 | 526,467 | 538,102 | 553,485 | 565,527 | 572,945 | 579,674 | 6,165,723 |
| 8. | Investment Expenses | - | | | ,- | | | | , . | | , | ,. | | / - | .,, . |
| | a. Depreciation Expense (C) | | 46,500 | 48,071 | 51,992 | 57,179 | 58,224 | 59,057 | 96,346 | 100,566 | 106,131 | 111,386 | 114,880 | 117,830 | 968,163 |
| | b. Amortization | | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| | c. Property Taxes (D) | | 47,866 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 44,816 | 41,760 | 537,786 |
| | d. Depreciation Savings | | (5,870) | (5,973) | (6,119) | (6,391) | (6,493) | (7,149) | (7,815) | (7,815) | (7,815) | (7,815) | (7,815) | (7,815) | (84,883) |
| | | - | | | | | | | | | | | | | |
| 9. | Total Recoverable Costs (Lines 7 + 8) | = | 524,054 | 535,958 | 556,508 | 575,756 | 586,957 | 605,264 | 659,814 | 675,670 | 696,617 | 713,914 | 724,827 | 731,450 | 7,586,789 |

6

Notes: (A) Line 7a = Line 6 x 6.1278% x 1/12. Based on ROE of 9.90%, and weighted income tax rate of 25.345%, Net Operating Income Multiplier of 1.35087.

(B) Line 7b = Line 6 x 1.3112% x 1/12

(C) Depreciation rates: 1.68 Mains Plastic, 2.1% Mains Steel, 2.7% Services Plastic, 4.0% Services Steel, 2.7% Regulator Stations
 (D) Ad Valorem Tax Rate is 1.551%

| Peoples Gas System, Inc. |
|---|
| Cast Iron/Bare Steel Replacement Rider |
| Calculation of the Actual and Reforecast Amount (7 + 5 forecast) for the Period |

Docket No. Exhibit B Page 2 of 4

Actual and Reforecast Amount (7 + 5 forecast) January 2023 to December 2023

Current Period Actual / Reforecast True-Up Amount

| <u>Line</u> | Description | Actual January | Actual February | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual July | Forecast <u>August</u> | Forecast <u>September</u> | Forecast <u>October</u> | Forecast <u>November</u> | Forecast December | End of Period <u>Total</u> |
|-------------|---|-------------------|--------------------|------------------------|------------------------|----------------------|----------------|----------------|---------------------------|------------------------------|----------------------------|-----------------------------|----------------------|----------------------------------|
| 1. | CIBSR Revenues (net of Revenue Taxes) | 972,531 | 791,748 | 768,307 | 757,714 | 624,732 | 606,380 | 553,931 | 572,024 | 586,187 | 593,295 | 670,873 | 863,818 | 8,361,539 |
| 2. | True-Up Provision | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,097) | (60,101) | (721,168) |
| 3. | CIBSR Revenues Applicable to Period (Lines 1 + 2) | 912,434 | 731,651 | 708,210 | 697,617 | 564,635 | 546,283 | 493,834 | 511,927 | 526,090 | 533,198 | 610,776 | 803,716 | 7,640,370 |
| 4. | CIBSR Costs a. Return on Investment | 435,558 | 449.045 | 465,819 | 480,151 | 490,410 | 508,540 | 526.467 | 538,102 | 553.485 | 565,527 | 572,945 | 579,674 | 6,165,723 |
| | b. Depreciation | 46,500 | 48.071 | 51,992 | 57,179 | 58,224 | 59.057 | 96.346 | 100.566 | 106.131 | 111.386 | 114.880 | 117,830 | 968,163 |
| | c. Property Taxes | 47,866 | 44.816 | 44.816 | 44.816 | 44.816 | 44,816 | 44.816 | 44,816 | 44.816 | 44.816 | 44.816 | 41,760 | 537,786 |
| | d. Depreciation Savings | (5,870) | (5,973) | (6,119) | (6,391) | (6,493) | (7,149) | (7,815) | (7,815) | (7,815) | (7,815) | (7,815) | (7,815) | (84,883) |
| | d. Total CIBSR Costs | 524.054 | 535,958 | 556,508 | 575,755 | 586.957 | 605.264 | 659.814 | 675.670 | 696.617 | 713,915 | 724.827 | 731,450 | 7,586,789 |
| 5. | Over/(Under) Recovery (Line 3 - Line 4d) | 388,380 | 195,692 | 151,701 | 121,862 | (22,322) | (58,980) | (165,980) | (163,743) | (170,528) | (180,716) | (114,051) | 72,267 | 53,582 |
| 6. | Interest Provision | (2,108) | (825) | 77 | 880 | 1,367 | 1,489 | 1,301 | 867 | 391 | (125) | (516) | (343) | 2,455 |
| 7. | Beginning Balance True-Up & Interest Provision | (787,888) | (341,519) | (86,555) | 125,320 | 308,159 | 347,301 | 349,907 | 245,325 | 142,546 | 32,506 | (88,238) | (142,708) | (787,888) |
| 8. | True-Up Collected/(Refunded) | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,097 | 60,101 | 721,168 |
| 9. | End of Period Total True-Up (Lines 5+6+7+8) | (341,519) | (86,555) | 125,320 | 308,159 | 347,301 | 349,907 | 245,325 | 142,546 | 32,506 | (88,238) | (142,708) | (10,683) | (10,683) |
| 9.a | Adjustment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. | Adjusted End of Period Total True Up | (\$341,519) | (\$86,555) | \$125,320 | \$308,159 | \$347,301 | \$349,907 | \$245,325 | \$142,546 | \$32,506 | (\$88,238) | (\$142,708) | (\$10,683) | (\$10,683) |

Peoples Gas System, Inc. Cast Iron/Bare Steel Replacement Rider Calculation of the Actual and Reforecast Amount (7 + 5 forecast) for the Period January 2023 to December 2023 Interest Provision (in Dollars)

| <u>Line</u> | Description_ | Actual January | Actual <u>February</u> | Actual <u>March</u> | Actual <u>April</u> | Actual <u>May</u> | Actual June | Actual <u>July</u> | Forecast <u>August</u> | Forecast <u>September</u> | Forecast <u>October</u> | Forecast <u>November</u> | Forecast <u>December</u> | End of Period <u>Total</u> |
|-------------|--|-------------------|---------------------------|------------------------|------------------------|----------------------|----------------|-----------------------|---------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------------|
| 1. | Beginning True-Up Amount | (\$787,888) | (\$341,519) | (\$86,555) | \$125,320 | \$308,159 | \$347,301 | \$349,907 | \$245,325 | \$142,546 | \$32,506 | (\$88,238) | (\$142,708) | |
| 2. | Ending True-Up Amount Before Interest | (339,411) | (85,730) | 125,243 | 307,279 | 345,934 | 348,418 | 244,024 | 141,679 | 32,115 | (88,113) | (142,192) | (10,340) | |
| 3. | Total of Beginning & Ending True-Up (Lines 1 + 2) | (1,127,299) | (427,249) | 38,688 | 432,599 | 654,093 | 695,719 | 593,931 | 387,004 | 174,661 | (55,607) | (230,430) | (153,048) | |
| 4. | Average True-Up Amount (Line 3 x 1/2) | (563,650) | (213,625) | 19,344 | 216,300 | 327,047 | 347,860 | 296,966 | 193,502 | 87,331 | (27,804) | (115,215) | (76,524) | |
| 5. | Interest Rate (First Day of Reporting Business Month) | 4.37% | 4.61% | 4.66% | 4.88% | 4.89% | 5.14% | 5.13% | 5.37% | 5.37% | 5.37% | 5.37% | 5.37% | |
| 6. | Interest Rate (First Day of Subsequent Business Month) | 4.61% | 4.66% | 4.88% | 4.89% | 5.14% | 5.13% | 5.37% | 5.37% | 5.37% | 5.37% | 5.37% | 5.37% | |
| 7. | Total of Beginning & Ending Interest Rates (Lines 5 + 6) | 8.98% | 9.27% | 9.54% | 9.77% | 10.03% | 10.27% | 10.50% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | |
| 8. | Average Interest Rate (Line 7 x 1/2) | 4.490% | 4.635% | 4.770% | 4.885% | 5.015% | 5.135% | 5.250% | 5.370% | 5.370% | 5.370% | 5.370% | 5.370% | |
| 9. | Monthly Average Interest Rate (Line 8 x 1/12) | 0.374% | 0.386% | 0.398% | 0.407% | 0.418% | 0.428% | 0.438% | 0.448% | 0.448% | 0.448% | 0.448% | 0.448% | |
| 10. | Interest Provision for the Month (Line 4 x Line 9) | (\$2,108) | (\$825) | \$77 | \$880 | \$1,367 | \$1,489 | \$1,301 | \$867 | \$391 | (\$125) | (\$516) | (\$343) | \$2,455 |

8

PEOPLES GAS SYSTEM, INC. CAST IRON / BARE STEEL RIDER EXHIBIT B PAGE 3 OF 4 FILED: SEPTEMBER 1, 2023

Docket No.

Page 3 of 4

Exhibit B

PEOPLES GAS SYSTEM, INC. CAST IRON / BARE STEEL RIDER EXHIBIT B PAGE 4 OF 4 FILED: SEPTEMBER 1, 2023

Peoples Gas System, Inc. Cast Iron/Bare Steel Replacement Rider Calculation of Debt and Equity Return January 2023 through December 2023

Docket No. Exhibit B Page 4 of 4

Dec 2021 Cap Structure with Update to ROE in the Calculation to 9.90%

Calculation of Revenue Requirement Rate of Return

| | (In Dollar | | | | | | | |
|------------------------------------|----------------|---------|-----------|-------|--------|---------------|----------|---------|
| | | (1) | | (2) | (3) | | (4) | |
| | | | | | | | Weighted | |
| | | Rate B | ase | | Cost | | Cost | |
| | | ESR | | Ratio | Rate | | Rate | |
| | | (\$000) | | % | % | | % | |
| Long Term Debt | | \$ | 446,206 | 29.9 | 8% | 4.07% | 1.2202 | 2% |
| Short Term Debt | | | 118,492 | 7.9 | 6% | 0.62% | 0.0494 | 4% |
| Preferred Stock | | | 0 | 0.0 | 0% | 0.00% | 0.000 | 0% |
| Residential Customer Deposits | | | 0 | 0.0 | 0% | 0.00% | 0.000 | 0% |
| Commercial Customer Deposits | | | 24,832 | 1.6 | 7% | 2.49% | 0.0416 | 5% |
| Inactive Customer Deposits | | | 0 | 0.0 | 0% | 0.00% | 0.000 | 0% |
| Common Equity | | | 681,876 | 45.8 | 2% | 9.90% | 4.5362 | 2% |
| Deferred Income Tax | | | 216,724 | 14.5 | 6% | 0.00% | 0.000 | 0% |
| Tax Credits - Zero Cost | | | 0 | 0.0 | 0% | 0.00% | 0.000 | 0% |
| Total | | \$ | 1,488,130 | 10 | 0% | | 5.8474 | 4% |
| ITC split between Debt and Equity: | | | | | | | | |
| Long Term Debt | | \$ | 446,206 | | Long 1 | Term Debt | | 39.55% |
| Equity - Preferred | | | 0 | | Equity | / - Preferred | ł | 0.00% |
| Equity - Common | | | 681,876 | | Equity | / - Common | | 60.45% |
| Total | | \$ | 1,128,082 | | Total | | | 100.00% |
| | | | | | | | | |
| Deferred ITC - Weighted Cost: | | | | | | | | |
| Debt = 0.0% * 35.65% | | | 0.0000% | | | | | |
| Equity = 0.0% * 64.35% | Mainhand Color | | 0.0000% | | | | | |
| | Weighted Cost | | 0.0000% | | | | | |

| Total Equity Cost Rate: | | |
|------------------------------|------------------------|---------|
| Preferred Stock | | 0.0000% |
| Common Equity | | 4.5362% |
| Deferred ITC - Weighted Cost | | 0.0000% |
| | | 4.5362% |
| Times Tax Multiplier | | 1.35087 |
| | Total Equity Component | 6.1278% |

| Total Debt Cost Rate: | | |
|------------------------------|----------------------|---------|
| Long Term Debt | | 1.2202% |
| Short Term Debt | | 0.0494% |
| Customer Deposits | | 0.0416% |
| Deferred ITC - Weighted Cost | | 0.0000% |
| | Total Debt Component | 1.3112% |
| | | |

7.4390%

Notes:

Column (1) - From December 2021 PGS Earnings Surveillance Report

Column (2) - Column (1) / Total Column (1)

Column (3) - From December 2021 PGS Earnings Surveillance Report

Column (4) - Column (2) x Column (3)

"EXHIBIT C"

CALCULATION OF THE PROJECTED AMOUNT FOR 2024 (PAGE 1 OF 2)

CALCULATION OF DEBT AND EQUITY RETURN FOR 2024 (PAGE 2 OF 2)

Peoples Gas System, Inc. Cast Iron/Bare Steel Replacement Rider Calculation of the TOTAL CI/BS + PPP Projected Amount for the Period

Docket No. Exhibit C Page 1 of 2

Return on Capital Investments, Depreciation and Taxes for Eligible Replacements

(in Dollars)

| Line | | ginning of riod Amount (E) | January | February | March | <u>April</u> | <u>May</u> | June | July | August | <u>September</u> | October | <u>November</u> | <u>December</u> | End of Period <u>Total</u> |
|------|--|-------------------------------|----------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|------------------|------------|------------------|-----------------|----------------------------------|
| 1. | Investments | | | | | | | | | | | | | | |
| | a. Eligible Replacements - Mains | \$ | 2,100,802 \$ | 2,100,802 \$ | 1,907,684 \$ | 1,521,446 \$ | 1,521,446 \$ | 1,521,446 \$ | 1,521,446 \$ | 1,521,446 \$ | 1,521,446 \$ | 1,521,446 | \$ 1,521,446 \$ | 1,521,446 \$ | 19,802,302 |
| | b. Eligible Replacements - Services | \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - | \$-\$ | - \$ | - |
| | c. Eligible Replacements - Regulators | \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - | \$-\$ | - \$ | - |
| | d. First \$1,000,000 Adjustment to Rate Base | \$ | (1,000,000) \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - | \$-\$ | - \$ | (1,000,000) |
| | e. Clearings to Plant | \$ | 1,754,796 \$ | 1,591,298 \$ | 1,573,835 \$ | 1,367,619 \$ | 1,406,076 \$ | 1,434,918 \$ | 1,456,550 \$ | 1,472,774 \$ | 1,484,942 \$ | 1,494,068 | \$ 1,500,913 \$ | 1,506,046 \$ | 18,043,836 |
| 2. | Gross Plant-in-Service/Depreciation Base \$ | (17,174.92) \$ | 1,737,622 \$ | 3,328,919 \$ | 4,902,755 \$ | 6,270,374 \$ | 7,676,450 \$ | 9,111,368 \$ | 10,567,918 \$ | 12,040,692 \$ | 13,525,635 \$ | 15,019,703 | \$ 16,520,615 \$ | 18,026,661 | |
| 3. | Less: Accumulated Depreciation \$ | 57,283.84 \$ | 57,170 \$ | 54,938 \$ | 50,832 \$ | 44,880 \$ | 37,390 \$ | 28,305 \$ | 17,582 \$ | 5,187 \$ | (8,903) \$ | (24,706) | \$ (42,237) \$ | (61,505) | |
| 4. | CWIP - NonInterest Bearing \$ | 716,779.89 \$ | 62,785 \$ | 572,290 \$ | 906,138 \$ | 1,059,965 \$ | 1,175,335 \$ | 1,261,863 \$ | 1,326,759 \$ | 1,375,431 \$ | 1,411,934 \$ | 1,439,312 | \$ 1,459,846 \$ | 1,475,246 | |
| 5. | Net Book Value (Lines 2 + 3 + 4) \$ | 756,888.81 \$ | 1,857,577 \$ | 3,956,147 \$ | 5,859,725 \$ | 7,375,219 \$ | 8,889,175 \$ | 10,401,536 \$ | 11,912,259 \$ | 13,421,310 \$ | 14,928,666 \$ | 16,434,309 | \$ 17,938,224 \$ | 19,440,402 | |
| 6. | Average Net Book Value | \$ | 1,307,233 \$ | 2,906,862 \$ | 4,907,936 \$ | 6,617,473 \$ | 8,132,198 \$ | 9,645,356 \$ | 11,156,898 \$ | 12,666,785 \$ | 14,174,988 \$ | 15,681,488 | \$ 17,186,267 \$ | 18,689,313 | |
| 7. | Return on Average Net Book Value | | | | | | | | | | | | | | |
| | a. Equity component Grossed up for taxes (A) | \$ | 6,808 \$ | 15,138 \$ | 25,559 \$ | 34,462 \$ | 42,351 \$ | 50,230 \$ | 58,102 \$ | 65,965 \$ | 73,819 \$ | 81,665 | \$ 89,501 \$ | 97,329 \$ | 640,929 |
| | b. Debt component (B) | \$ | 1,544 \$ | 3,434 \$ | 5,798 \$ | 7,817 \$ | 9,606 \$ | 11,394 \$ | 13,179 \$ | 14,963 \$ | 16,744 \$ | 18,524 | \$ 20,301 \$ | 22,077 \$ | 145,381 |
| | | \$ | 8,352 \$ | 18,572 \$ | 31,357 \$ | 42,279 \$ | 51,957 \$ | 61,624 \$ | 71,281 \$ | 80,928 \$ | 90,563 \$ | 100,189 | \$ 109,802 \$ | 119,406 \$ | 786,310 |
| 8. | | | | | | | | | | | | | | | |
| | Investment Expenses | | | | | | | | | | | | | | |
| | a. Depreciation (C) | \$ | 114 \$ | 2,746 \$ | 5,133 \$ | 7,494 \$ | 9,545 \$ | 11,654 \$ | 13,807 \$ | 15,992 \$ | 18,201 \$ | 20,428 | \$ 22,669 \$ | 24,921 \$ | 152,704 |
| | b. Amortization | \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - \$ | - | \$-\$ | - \$ | - |
| | c. Property Taxes (D) | | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 50 \$ | 622 |
| | d. Depreciation Savings | \$ | - \$ | (514) \$ | (1,028) \$ | (1,542) \$ | (2,055) \$ | (2,569) \$ | (3,083) \$ | (3,597) \$ | (4,111) \$ | (4,625) | \$ (5,139) \$ | (5,652) \$ | (33,915) |
| 9. | | | | | | | | | | | | | | | |
| | Revenue Requirements (Lines 7 + 8) | \$ | 8,518 \$ | 20,856 \$ | 35,515 \$ | 48,283 \$ | 59,499 \$ | 70,761 \$ | 82,056 \$ | 93,375 \$ | 104,704 \$ | 116,045 | \$ 127,384 \$ | 138,725 \$ | 905,720 |
| 10 | | | | | | | | | | | | | | | |
| 11 | Est projected 2023 true-up over/(under) | \$ | (10,683) | | | | | | | | | | | | |
| 11 | Revenue Requirements Net of Est Projected Reco | overy \$ | 19,201 \$ | 40,057 \$ | 75,572 \$ | 123,855 \$ | 183,354 \$ | 254,115 \$ | 336,171 \$ | 429,546 \$ | 534,250 \$ | 650,295 | \$ 777,679 \$ | 916,404 | |

Notes:

N

(A) Line 7a = Line 6 x 6.2493% x 1/12. Based on ROE of 9.90%, and weighted income tax rate of 25.345%, Net Operating Income Multiplier of 1.34623.

(B) Line 7b = Line 6 x 1.4175% x 1/12

(C) Depreciation rates: 1.8% Mains Plastic, 2.4% Mains Steel, 3.1% Services Plastic, 4.3% Services Steel, 3.0% Regulator Stations

(D) Ad Valorem Tax Rate is 1.551%

Peoples Gas System, Inc. Cast Iron/Bare Steel Replacement Rider Calculation of Debt and Equity Return January 2024 through December 2024

Docket No. Exhibit C Page 2 of 2

| | Calculation of Revenue R | equiremer | nt Rate of Ret | urn | | | | | | |
|---|--------------------------|-----------|----------------|--------|-----------------|----------|---------|--|--|--|
| (In Dollars) | | | | | | | | | | |
| | | (1) | | (2) | (3) | (4) | | | | |
| | | | | | | Weighted | | | | |
| | | Rate B | lase | | Cost | Cost | | | | |
| | | ESF | 2 | Ratio | Rate | Rate | | | | |
| | | (\$00 | 0) | % | % | % | | | | |
| Long Term Debt | \$ | | 514,059 | 29.65% | 3.97% | 1.1771% | | | | |
| Short Term Debt | | | 159,284 | 9.19% | 2.20% | 0.2022% | | | | |
| Preferred Stock | | | 0 | 0.00% | 0.00% | 0.0000% | | | | |
| Residential Customer Deposits | | | 0 | 0.00% | 0.00% | 0.0000% | | | | |
| Commercial Customer Deposits | | | 26,702 | 1.54% | 2.48% | 0.0382% | | | | |
| Inactive Customer Deposits | | | 0 | 0.00% | 0.00% | 0.0000% | | | | |
| Common Equity | | | 813,066 | 46.89% | 9.90% | 4.6421% | | | | |
| Deferred Income Tax | | | 220,848 | 12.74% | 0.00% | 0.0000% | | | | |
| Tax Credits - Zero Cost | | | 0 | 0.00% | 0.00% | 0.0000% | | | | |
| | | | | | | | | | | |
| Total | \$ | 1 | ,733,959 | 100% | | 6.0596% | | | | |
| ITC split between Debt and Equity: | | | | | | | | | | |
| Long Term Debt | \$ | | 514,059 | Lon | g Term Debt | | 38.73% | | | |
| Equity - Preferred | | | 0 | Equ | ity - Preferred | | 0.00% | | | |
| Equity - Common | | | 813,066 | Equ | ity - Common | | 61.27% | | | |
| Total | \$ | 1 | ,327,125 | Tota | al | | 100.00% | | | |
| | | | | | | | | | | |
| Deferred ITC - Weighted Cost: Debt = 0.0% * 39.55% | | | 0.0000% | | | | | | | |
| | | | | | | | | | | |
| Equity = 0.0% * 60.45% | Weighted Cost | | 0.0000% | | | | | | | |
| | Weighted Cost | | 0.0000% | | | | | | | |

| | 0.0000% |
|------------------------|------------------------|
| | 4.6421% |
| | 0.0000% |
| | 4.6421% |
| | 1.34623 |
| Total Equity Component | 6.2493% |
| | |
| | Total Equity Component |

| Total Debt Cost Rate: | | |
|------------------------------|----------------------|---------|
| Long Term Debt | | 1.1771% |
| Short Term Debt | | 0.2022% |
| Customer Deposits | | 0.0382% |
| Deferred ITC - Weighted Cost | | 0.0000% |
| | Total Debt Component | 1.4175% |
| | | |
| | | 7.6668% |

(A) The bad debt rate has been removed from the tax multiplier.

"EXHIBIT D"

SURCHARGE CALCULATION FOR 2024 (PAGE 1 OF 1) INCLUDING INTERRUPTIBLE CLASSES

| Peoples Gas System, Inc. | Docket No. |
|---|-------------|
| Cast Iron/Bare Steel Replacement Rider | Exhibit D |
| Summary of CI/BSR Surcharge Calculation | Page 1 of 1 |
| January 2024 Through December 2024 | |

| RATE <u>SCHEDULE</u> | MAINS NET <u>PLANT*</u> | SERVICES NET <u>PLANT*</u> | TOTAL NET <u>PLANT*</u> | % OF TOTAL <u>PLANT</u> | CI/BSR <u>REVENUES</u> | <u>THERMS</u> | CI/BSR SURCHARGE <u>PER THERM</u> |
|-------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------------|---------------------------|---------------|---|
| RS & RS-SG | \$133,714,560 | \$208,900,466 | \$342,615,026 | 32.45% | \$297,340 | 92,452,163 | \$0.00322 |
| SGS | 13,072,491 | 8,999,737 | 22,072,229 | 2.09% | \$19,155 | 11,021,645 | \$0.00174 |
| GS-1 & CS-SG | 120,388,376 | 19,046,809 | 139,435,186 | 13.20% | \$121,009 | 105,693,852 | \$0.00114 |
| GS-2 | 194,486,832 | 8,085,123 | 202,571,956 | 19.18% | \$175,803 | 149,267,749 | \$0.00118 |
| GS-3 | 114,717,123 | 1,400,040 | 116,117,164 | 11.00% | \$100,773 | 84,705,082 | \$0.00119 |
| GS-4 | 82,690,786 | 320,790 | 83,011,576 | 7.86% | \$72,042 | 55,651,416 | \$0.00129 |
| GS-5 | 95,840,847 | 401,716 | 96,242,563 | 9.11% | \$83 <i>,</i> 524 | 168,533,148 | \$0.00050 |
| CSLS | 638,644 | 0 | 638,644 | 0.06% | \$554 | 533,532 | \$0.00104 |
| WHS | 2,529,027 | 24,823 | 2,553,850 | 0.24% | \$2,216 | 2,636,519 | \$0.00084 |
| SIS | 28,996,509 | 1,035,507 | 30,032,016 | 2.84% | \$26,063 | 44,229,423 | \$0.00059 |
| IS | 20,299,251 | 351,422 | 20,650,673 | 1.96% | \$17,922 | 143,092,614 | \$0.00013 |
| ISLV | 0 | 2,203 | 2,203 | 0.00% | \$2 | 0 | \$0.00000 |
| TOTAL | \$807,374,448 | \$248,568,636 | \$1,055,943,085 | 100% | \$916,404 | 857,817,142 | |

* Source: Data in these columns are from Schedule H-2 of the Cost of Service Study approved in Peoples' last rate case