



# ACCELERATING INNOVATION

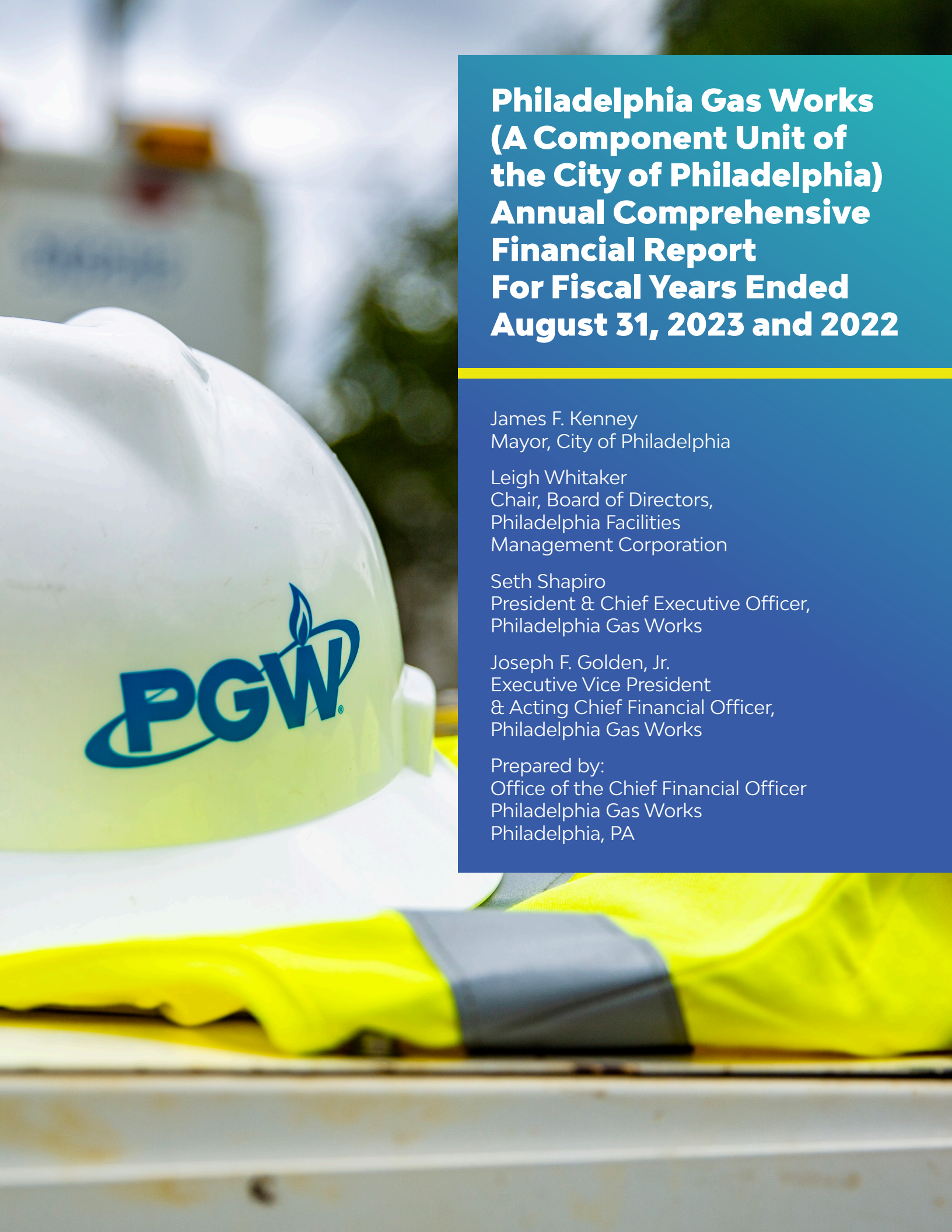
## Philadelphia Gas Works

(A Component Unit of the City of Philadelphia)  
Annual Comprehensive Financial Report  
For Fiscal Years Ended August 31, 2023 and 2022

[www.pgworks.com](http://www.pgworks.com)  
800 West Montgomery Avenue  
Philadelphia, PA 19122





A white hard hat with the PGW logo is the central focus of the image. The logo consists of the letters 'PGW' in a bold, blue, sans-serif font, with a stylized blue flame above the 'W'. The hard hat is positioned in the foreground, slightly to the left. In the background, there are blurred yellow safety vests and other white hard hats, suggesting a construction or industrial setting. The overall lighting is bright and natural, with a soft bokeh effect in the background.

# **Philadelphia Gas Works (A Component Unit of the City of Philadelphia) Annual Comprehensive Financial Report For Fiscal Years Ended August 31, 2023 and 2022**

James F. Kenney  
Mayor, City of Philadelphia

Leigh Whitaker  
Chair, Board of Directors,  
Philadelphia Facilities  
Management Corporation

Seth Shapiro  
President & Chief Executive Officer,  
Philadelphia Gas Works

Joseph F. Golden, Jr.  
Executive Vice President  
& Acting Chief Financial Officer,  
Philadelphia Gas Works

Prepared by:  
Office of the Chief Financial Officer  
Philadelphia Gas Works  
Philadelphia, PA

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
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## INTRODUCTORY SECTION

In FY 2023, over 42,000 residential customer accounts received Low Income Home Energy Assistance Program (LIHEAP) grants, which give customers up to \$1,000 to pay their heating bills. Additionally, over 55,000 customers in FY 2023 were enrolled in PGW's Customer Responsibility Program, which cuts customer bills in half. By assisting customers through a variety of initiatives, PGW maintained a 97.8% collection rate in FY 2023.





**PHILADELPHIA GAS WORKS**

**Joseph F. Golden, Jr. • Executive Vice President and Acting Chief Financial Officer**

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To the Board of Directors of the Philadelphia Facilities Management Corporation, Stakeholders, and People of the City of Philadelphia:

The Annual Comprehensive Financial Report (ACFR) of the Philadelphia Gas Works (PGW) for the years ended August 31, 2023 and 2022 is attached hereto. The financial statements included were prepared in accordance with Generally Accepted Accounting Principles in the United States of America (U.S. GAAP).

PGW management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP. This includes the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to error or fraud. The internal controls are subject to periodic evaluation by management in order to determine their adequacy. This evaluation recognizes that: (1) the cost of a control should not exceed the benefits to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management.

The financial statements were audited by KPMG LLP (KPMG), a firm of licensed certified public accountants. The annual audit was conducted in accordance with auditing standards generally accepted in the United States of America. Those standards require that KPMG plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of PGW's internal control over financial reporting. Accordingly, no such opinion was expressed as to PGW's internal control over financial reporting. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

KPMG's opinion was unqualified and states, in part, that the financial statements "present fairly, in all material respects, the respective financial position of the business-type activities of the Company as of August 31, 2023, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended, in accordance with U.S. generally accepted accounting principles." The Independent Auditors' Report is presented as the first component of the financial section of this report and should be read in its entirety.

Management has provided a narrative to accompany the basic financial statements. This narrative is known as Management's Discussion and Analysis (MD&A). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. This letter and the MD&A should be read in their entireties.

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Note: Certain statements in this letter that are not purely historical are forward-looking statements. Such statements can be identified, in some cases, by terminology such as "will", "anticipates", "expects", "projects", or comparable terms. Forward-looking statements are necessarily based on various assumptions and subject to uncertainties. Accordingly, actual results may vary.

## PROFILE OF PHILADELPHIA GAS WORKS

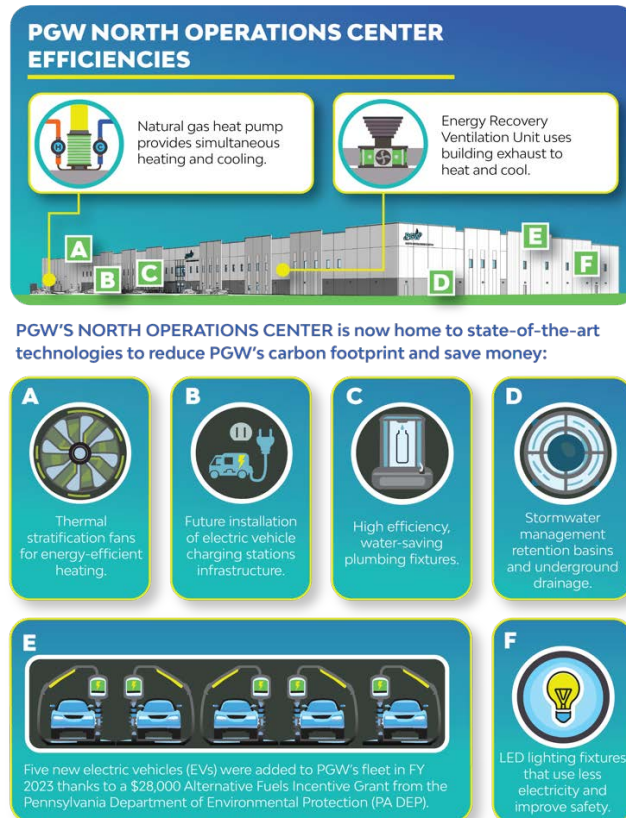
With over 500,000 customers and 6,000 miles of pipeline, PGW is a force in the energy field. PGW's 1,600-member strong workforce collaborates to advance the energy industry and deliver safe, reliable, and affordable natural gas in an environmentally responsible way.

PGW's efforts have not gone unrecognized. In July of 2023, PGW received the American Public Gas Association's (APGA) prestigious System Operational Achievement Recognition (SOAR) award for excellence in its operations. The award considers system integrity, system improvement, employee safety and workforce development.

## ACCELERATING INNOVATION

In Fiscal Year (FY) 2023, PGW began consolidating its eight district field operations centers into two central locations – with the opening of the North Operations Center (NOC). By combining these centers, PGW will both reduce operating expenses and reduce the carbon footprint of the eight centers it replaces by 50% in Scope 1 and 2 emissions, directly benefiting PGW customers and the environment.

Housing 40% of PGW employees, the NOC is home to state-of-the-art energy efficiency technologies to lower emissions and save money:





### ***Pipeline Replacement***

In FY 2023, PGW was provisionally awarded a \$10.0 million Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant from the U.S. Department of Transportation's (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA), established by the Infrastructure Investment and Jobs Act. This grant money will predominantly go to installing modern, durable (polyethylene) plastic natural gas lines to increase safety and enhance natural gas service reliability.

Replacing aging cast iron pipes with material that does not rust or corrode and eliminates methane escape will help PGW meet the City of Philadelphia's (the City) goal of reducing methane emissions by 80% by 2050.

In FY 2023, PGW replaced 32.03 miles of natural gas lines, and reduced methane emissions by 6,640 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e). The PHMSA funding contributes to PGW's expected goal of completing the replacement of its cast iron pipelines by 2060. Overall, in FY 2023, PGW invested \$92.4 million in asset replacements.

### ***An Innovating Voice in the Energy Sector***

In February 2023, PGW held its inaugural Energy Innovation Symposium, hosting leading voices in Philadelphia's clean energy landscape. The symposium featured three panels: The Future Hydrogen Economy; Low-Carbon Energy Technologies; and Our Clean Energy Future.

In addition to the Energy Innovation Symposium, PGW mentored three energy startups in its Energy Innovation Lab (the Lab), a small business incubator that hosts entrepreneurs whose ground-breaking products or services have the potential to reimagine the energy sector.

The Lab's FY 2023 participants, ATP-PA LLC and Metal Light, each have sustainable energy concepts that could help meet Philadelphia's growing energy needs, promote energy efficiency and affordability, as well as help the City accomplish its 2050 goal of reducing methane emissions by 80%. In FY 2023, PGW announced the newest participant in the Lab: Hydropore.

### ***Customer Responsibility***

Natural gas is consistently a more affordable source of energy compared to electric, according to the U.S. Department of Energy, and PGW is proud to continue to purchase gas at very competitive prices.

The typical annual natural gas bill for PGW's residential customers decreased by \$98.86 effective June 1, 2023. The decrease follows PGW's filing with the Pennsylvania Public Utility Commission (PUC) to adjust the Gas Cost Rate (GCR) for residential customers from \$4.9740 to \$3.5516 per one thousand cubic feet (Mcf).

While lowering gas bills, PGW keeps homes warm through customer payment assistance programs. In FY 2023, over 42,000 residential customer accounts received Low Income Home Energy Assistance Program (LIHEAP) grants, which give customers up to \$1,000 to pay their heating bills. Additionally, over 55,000 customers in FY 2023 were enrolled in PGW's Customer Responsibility Program, which cuts customer bills in half. By assisting customers through a variety of initiatives, PGW maintained a 97.8% collection rate in FY 2023.

Customers facing the rising costs of living and experiencing financial strain can avoid the unpredictable costs of repairing or replacing faulty or broken appliances by enrolling in PGW's Parts & Labor Plan (PLP). In FY 2023, PGW sold 26,992 PLP packages with over \$4.5 million generated in gross revenue; 69% of PLP packages were renewals from FY 2022. In FY 2023, year-round enrollment was offered for PLP for the first time. Between April 1 and August 31, 2023, over 500 customers signed up for PLP. This makes up 2% of sales that would have otherwise been lost if PLP enrollment closed in April, as in previous years.

### ***New Customer Tools***

PGW is excited to now offer a simple and easy way for customers to manage their natural gas account with the new PGW My Account mobile app, launched in FY 2023. The one-stop mobile app, available on both Apple and Android devices, offers convenient access to:

- View important account information.
- Make payments and manage accounts.
- Analyze and compare gas usage to become more efficient.
- Setup notifications via email or text.
- Explore energy efficiency rebates and programs to unlock more savings.

### ***Moving Forward***

Five new electric vehicles (EVs) are being added to PGW's fleet thanks to a \$28,000 Alternative Fuels Incentive Grant from the Pennsylvania Department of Environmental Protection (PA DEP). Adding the EVs to PGW's fleet operations is estimated to reduce PGW's gasoline usage by over 3,400 gallons per year and reduce its carbon footprint by over 24 tons a year. Two EVs were added to PGW's fleet in FY 2023, and the other three are anticipated to arrive in FY 2024.

PGW is embarking on an ambitious effort which will, for the first time, identify, quantify, and reduce its direct and indirect Scope 3 greenhouse gas emissions (GHG) across its footprint. Scope 3 measures a broad range of criteria such as emissions from contractors, transportation, and customers' end use of natural gas.

In FY 2024, PGW is poised to advance hydrogen technology thanks to a \$7 billion Hydrogen Hub grant, of which \$750 million is being allocated to the Philadelphia region. The grant, announced in October 2023, is intended to accelerate research and implementation of hydrogen as an energy source. From ideation through the Energy Innovation Symposium and the Lab, to initiatives that enable PGW to reduce methane emissions, PGW is well situated to accelerate innovation in the energy field.

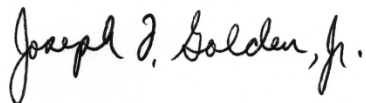


## **ACKNOWLEDGEMENTS**

The Government Finance Officers Association (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to PGW for its ACFR for the fiscal year ended August 31, 2022. This was the eleventh straight year that PGW received this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an ACFR that satisfies both U.S. GAAP and legal requirements. The Certificate of Achievement is valid for a period of one year only. PGW believes that its current report continues to conform to the Certificate of Achievement program requirements and is submitting it to the GFOA for consideration for another certificate. This report for FY 2023 is PGW's twelfth submission to the program. The preparation of the ACFR on a timely basis was made possible by the dedicated service of the entire staff of the Office of the Chief Financial Officer as well as various other departments within PGW. Each has my sincere appreciation for their valuable contributions.

On behalf of Philadelphia Gas Works, which has proudly served the needs of Philadelphia, its residents and its businesses since 1836, I am pleased to present PGW's ACFR, for the fiscal year ended August 31, 2023.

Respectfully submitted,

A handwritten signature in black ink that reads "Joseph F. Golden, Jr." in a cursive script.

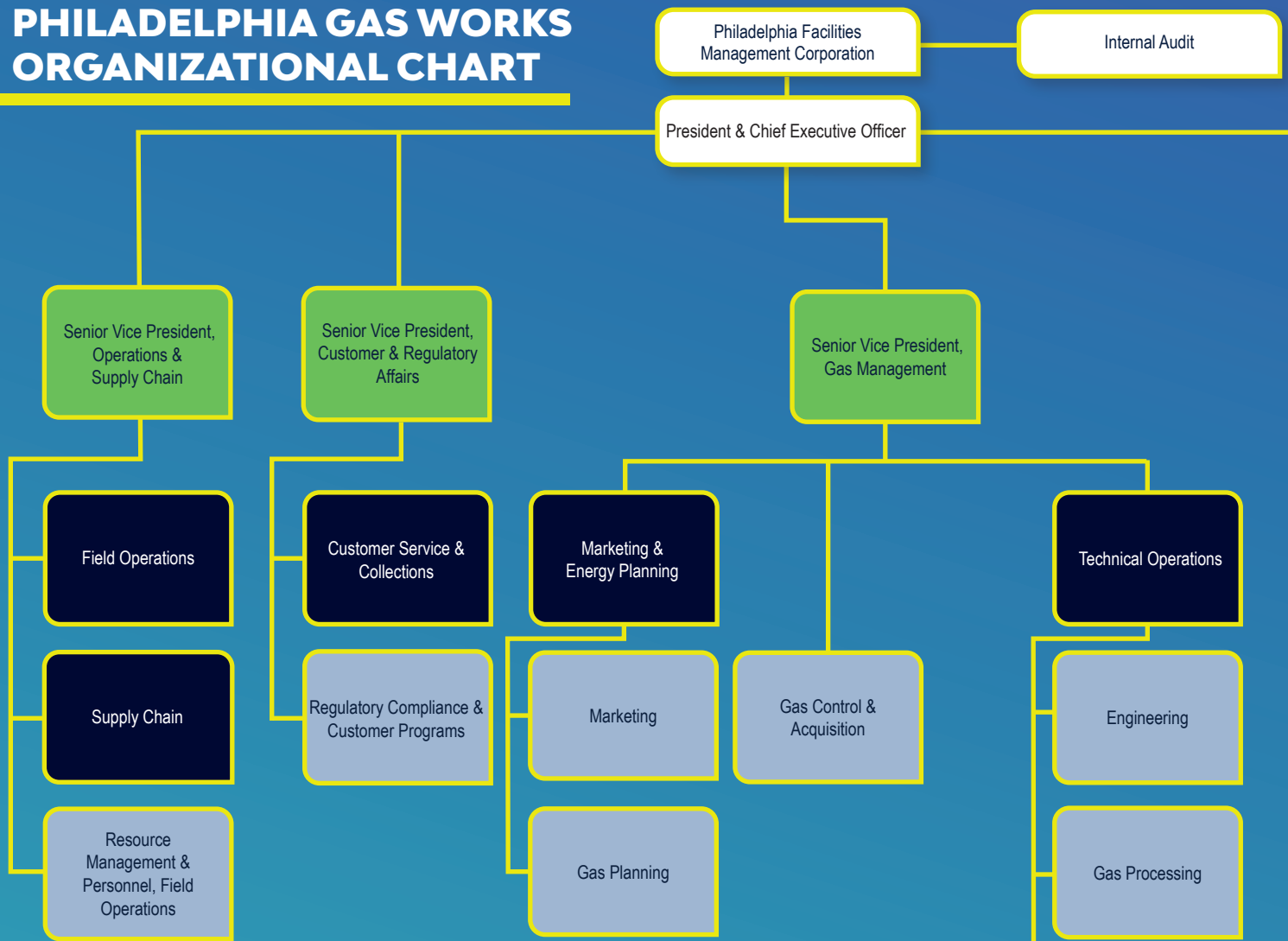
Joseph F. Golden, Jr.  
Executive Vice President and Acting Chief Financial Officer

February 23, 2024

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# PHILADELPHIA GAS WORKS ORGANIZATIONAL CHART



## LEADERSHIP<sup>1</sup>

**Seth A. Shapiro**  
President & Chief Executive Officer

**Joseph F. Golden, Jr.**  
Executive Vice President &  
Acting Chief Financial Officer

**Denise Adamucci**  
Senior Vice President,  
Customer & Regulatory Affairs

**Raquel N. Guzmán, Esquire**  
Senior Vice President,  
Administration & General Counsel

**Melanie O. McCottry**  
Chief of Staff and  
Senior Vice President, Corporate  
Communications & External Affairs

**Robert K. Smith**  
Senior Vice President,  
Operations & Supply Chain

**Frank Weigert**  
Senior Vice President,  
Information Services,  
Chief Information Officer

**John C. Zuk**  
Senior Vice President,  
Gas Management

**William J. Ambrose, Jr.**  
Vice President,  
Human Resources &  
Organizational Development

**Daniel J. Cassidy**  
Vice President,  
Technical Operations

**Bernard L. Cummings**  
Vice President,  
Customer Service & Collections

**Daniel M. Furtek**  
Vice President,  
Data Analytics & Reporting

**William J. Gallagher**  
Vice President,  
Budget & Strategic Development

**Elliott S. Gold**  
Vice President,  
Corporate Planning

**Joseph R. Hawkinson**  
Vice President,  
Field Operations

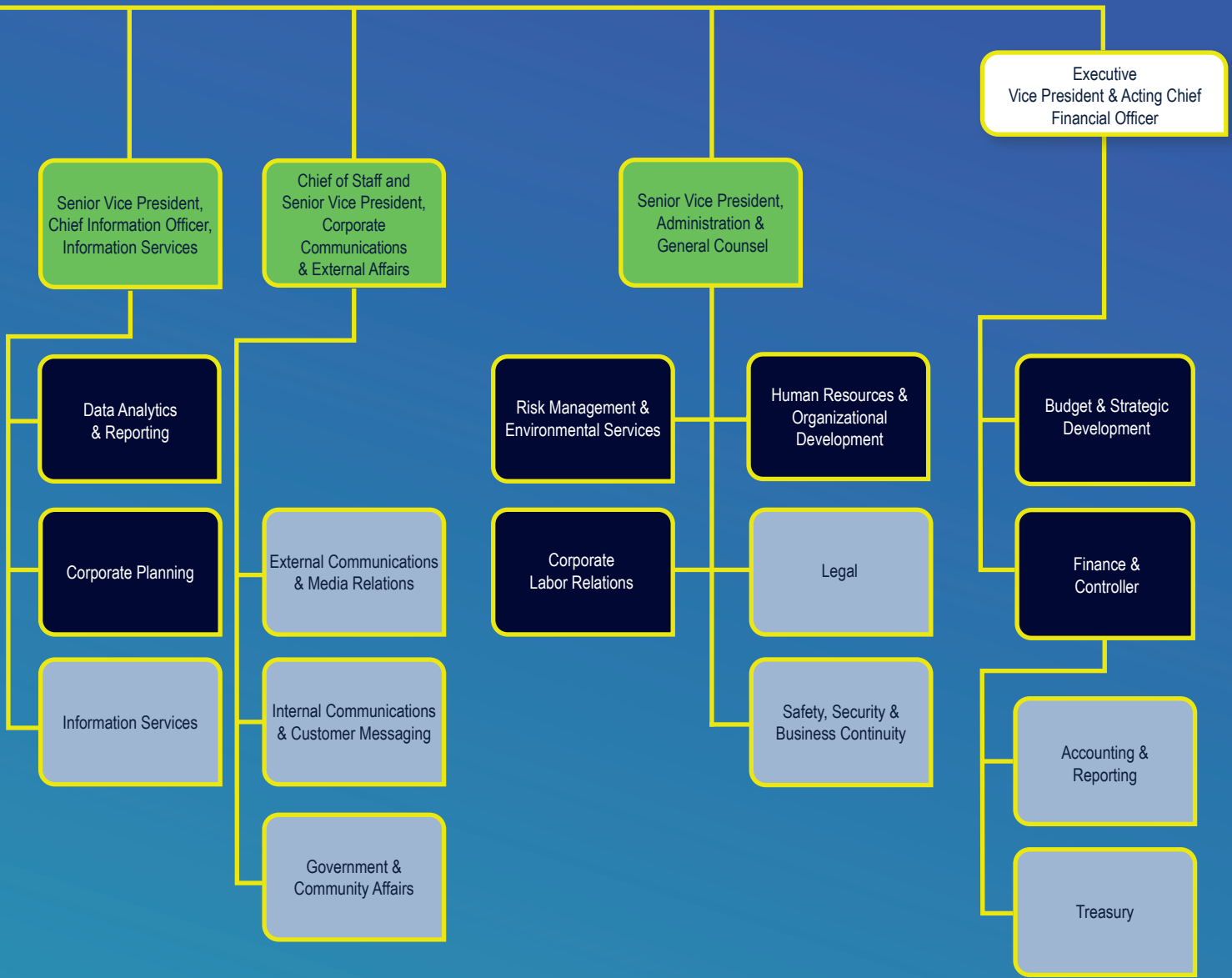
**Jane E. Lamb**  
Vice President,  
Risk Management &  
Environmental Services

**Daniel E. Leonard, Jr.**  
Vice President,  
Finance & Controller

**Anthony P. Mauro**  
Vice President,  
Supply Chain

**Vaneeda L. McDonald**  
Vice President,  
Corporate Labor Relations

**Florian Teme**  
Vice President,  
Marketing & Energy Planning



## BOARD OF DIRECTORS<sup>2</sup>



**Leigh N. Whitaker, Esq.**  
*Principal – Government Relations, Buchanan Ingersoll & Rooney PC*  
*Board Chair Audit/Finance Committee Compensation and Workforce Development Committee*



**James Engler, Esq.**  
*Chief of Staff, ChristianaCare*  
*Board Vice-Chair Chair, Compensation and Workforce Development Committee*



**Lauren Gilchrist**  
*Executive Vice President, Market Leader, Newmark*  
*Board Secretary Compensation and Workforce Development Committee*



**Albert Mezzaroba, Esq.**  
*Of Counsel, Genova Burns*  
*Chair, Audit/Finance Committee*



**Christina Hernandez, Esq.**  
*Former Chief of Staff to Mayor James F. Kenney*



**Natalia Dominguez Buckley**  
*Director, Bureau of Redevelopment Capital & Debt at Commonwealth of Pennsylvania*  
*Audit/Finance Committee*

<sup>2</sup> As of February 23, 2024





Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
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Presented to

**Philadelphia Gas Works  
Pennsylvania**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

August 31, 2022

*Christopher P. Morill*

Executive Director/CEO



## FINANCIAL SECTION

In FY 2023, PGW was provisionally awarded a \$10.0 million Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant from the U.S. Department of Transportation's (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA), established by the Infrastructure Investment and Jobs Act. This grant money will predominantly go to installing modern, durable (polyethylene) plastic natural gas lines to increase safety and enhance natural gas service reliability.



KPMG LLP  
1601 Market Street  
Philadelphia, PA 19103-2499

## Independent Auditors Report

The Controller of the City of Philadelphia and  
Chairman and members of Philadelphia Facilities  
Management Corporation  
Philadelphia, Pennsylvania:

### *Opinions*

We have audited the financial statements of the business-type activities and fiduciary activities of Philadelphia Gas Works (the Company), a component unit of the City of Philadelphia, as of and for the years ended August 31, 2023 and 2022, and the related notes to the financial statements, which collectively comprise the Company's basic financial statements for the years then ended as listed in the table of contents.

In our opinion, based on our audit and the report of the other auditors, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and fiduciary activities of the Company, as of August 31, 2023 and 2022, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with U.S. generally accepted accounting principles.

We did not audit the financial statements of the Philadelphia Gas Works OPEB Trust (the Trust), which represents 100% of the fiduciary activities as of and for the years ended December 31, 2022 and 2021. Those statements were audited by other auditors whose report has been furnished to us, and our opinions, insofar as they relate to the amounts included for the Trust, are based solely on the report of the other auditors.

### *Basis for Opinions*

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### *Responsibilities of Management for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. generally accepted accounting principles, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.





### *Auditors' Responsibilities for the Audit of the Financial Statements*

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

### *Required Supplementary Information*

U.S. generally accepted accounting principles require that Management's discussion and analysis and the required supplementary information related to the pension and other postemployment benefit obligations as listed in the table of contents be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.



*Other Information*

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditors' report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

*KPMG LLP*

Philadelphia, Pennsylvania  
December 21, 2023

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**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Management's Discussion and Analysis  
August 31, 2023 and 2022 (Unaudited)

The narrative overview and analysis of the financial statements of Philadelphia Gas Works (the Company or PGW) for the years ended August 31, 2023 and 2022 have been prepared by PGW's management. The information presented here is unaudited and should be read in conjunction with additional information contained in PGW's basic financial statements and notes to basic financial statements.

**Financial Highlights**

- The Fiscal Year (FY) 2023 weather reflected a 13.7% warmer than normal winter. The FY 2023 period was 2.9% warmer than the prior year and firm gas sales were approximately 36.6 Billion Cubic Feet (Bcf). The Weather Normalization Adjustment (WNA) Clause, which was in effect from October 2022 through April 2023, resulted in heating customers receiving charges totaling \$32.4 million. The FY 2022 weather reflected a 11.1% warmer than normal winter. The FY 2022 period was 6.2% warmer than FY 2021 and firm gas sales were approximately 40.0 Bcf. The WNA Clause, which was in effect from October 2021 through April 2022, resulted in heating customers receiving charges totaling \$23.2 million. Actual degree day data is provided by the National Weather Service and measured at the Philadelphia International Airport.
- PGW achieved 24-month collection rates of 97.8% in FY 2023, 96.7% in FY 2022, and 96.1% in FY 2021. For FY 2023, the collection rate is calculated by dividing the total gas receipts collected from September 1, 2021 through August 31, 2023 by the total gas billings that were applied to PGW customers' accounts from September 1, 2021 through August 31, 2023. The same methodology was utilized in FY 2022 and FY 2021.
- PGW continues to have various business initiatives that pertain to improving collections, productivity, and operational efficiencies throughout the Company. PGW, at the end of FY 2023, FY 2022, and FY 2021, had no Gas Works Revenue Capital Project Commercial Paper Notes (Capital Project Notes) or Gas Works Revenue Notes outstanding. The cash balances at the end of FY 2023, FY 2022, and FY 2021 were \$139.3 million, \$115.6 million, and \$158.3 million, respectively.
- At December 15, 2023 and 2022, \$120.0 million was available from the commercial paper program. The cash balance on December 15, 2023 and on December 15, 2022 was \$114.5 million and \$95.7 million, respectively.
- The Company's FY 2023 Capital Budget was approved by the City Council of the City of Philadelphia in an amount not to exceed \$192.4 million and funding was provided to continue the implementation of an 18-mile Cast Iron Main Replacement (CIMR) Program. The CIMR Program cost for FY 2024 is expected to be \$31.5 million. The total six-year cost of the CIMR Program is forecasted to be \$193.9 million.
- On February 27, 2023, PGW filed for an increase in its distribution base rates with the PUC. The filing sought a general rate increase calculated to produce \$85.8 million, or 10.3%, in additional annual operating revenues based upon a twenty-year normal weather assumption. The filing also requested to increase the fixed monthly customer charge component, as well as the volumetric delivery charge component of base rates. PGW and all other rate case parties did not reach a settlement agreement, leading to litigation of the rate case issues. On September 5, 2023, the Administrative Law Judges (ALJ) issued their Recommended Decision for a \$22.3 million, or 2.7%, increase over present rates. On September 15, 2023, PGW submitted Exceptions to the ALJ's Recommended Decision. On November 9, 2023, the PUC entered its Order and Opinion in the case, which approved an annual operating revenue increase of \$26.2 million, or 3.15% over present rates. The Order and Opinion granted, in part, exceptions filed by the Office of Consumer Advocate (OCA), the Grays Ferry Cogeneration Partnership and Vicinity Energy Philadelphia, the Philadelphia

(Continued)

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Management's Discussion and Analysis  
August 31, 2023 and 2022 (Unaudited)

Industrial and Commercial Gas Users Group (PICGUG), and PGW. PGW filed the new tariff November 28, 2023 with rate increase for service rendered on or after November 29, 2023.

- In FY 2023, the Company adopted the following provisions of the Governmental Accounting Standards Board (GASB):
  - GASB Statement No. 91, *Conduit Debt Obligation*, had no impact on PGW's current accounting practices nor its financial reporting.
  - GASB Statement No. 94, *Public Private and Public Partnerships and Availability Payment Arrangements*, had no impact on PGW's current accounting practices nor its financial reporting.
  - GASB Statement No. 93, *Replacement of Interbank Offered Rates*. As originally scheduled, certain accounting and financial reporting provisions of GASB 93 would have taken effect for periods beginning after June 15, 2020 (the Company's fiscal year ending August 31, 2021). GASB 95 postponed the effective date of GASB 93 by twelve months and the requirements of GASB 93 were to take effect for periods beginning after June 15, 2021 (the Company's fiscal year ending August 31, 2022). However, GASB Statement No. 99, Omnibus (GASB 99) offers an extension of the use of LIBOR until fiscal years beginning after June 15, 2023 (the Company's fiscal year ending August 31, 2024). The Company early adopted this GASB, which had no material impact on PGW's financial reporting.
  - GASB Statement No. 96, *Subscription Based Information Technology Arrangements*, was effective for PGW's fiscal year ending August 31, 2023 with restatement, to the extent practical, of all periods presented.

For further information, see Note 1(u), New Accounting Pronouncements.

### **Overview of the Financial Statements**

The discussion and analysis are intended to serve as an introduction and overview of PGW's basic financial statements. PGW's financial statements comprise the following:

*Basic financial statements* provide both long-term and short-term information about PGW's overall financial condition, results of operations, and cash flows.

*The notes to basic financial statements* provide additional information that is essential for a full understanding of the data presented in PGW's financial statements. The notes can be found immediately following the basic financial statements.

The financial statements report information about PGW as a whole using accounting methods similar to those used by private sector business. The three statements presented are as follows:

*The balance sheets* include all PGW's assets, liabilities, and deferred inflows and outflows of resources, with the difference between the assets and deferred outflows of resources and liabilities and deferred inflows of resources reported as net position. Over time, increases or decreases in net position are indicators of whether PGW's financial position is improving or deteriorating.

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*The statements of revenues and expenses and changes in net position* present revenues and expenses and their effects on the change in net position during the fiscal year. These changes in net position are recorded as soon as the underlying event giving rise to the change occurs, regardless of when cash is received or paid.

*The statements of cash flows* provide relevant information about the cash receipts and cash payments of an enterprise during a period and the impact on PGW's financial position.

**Condensed Statements of Revenues and Expenses and Changes in Net Position**

(Thousands of U.S. dollars)

	<b>As of August 31</b>		
	<b>2023</b>	<b>2022(a)</b>	<b>2021</b>
Total gas revenues	\$ 663,154	765,629	624,750
Other revenues	47,872	39,808	21,997
Total operating revenues	<u>711,026</u>	<u>805,437</u>	<u>646,747</u>
Fuel expense	223,996	272,468	163,892
All other operating expenses	340,207	299,416	270,268
Total operating expenses	<u>564,203</u>	<u>571,884</u>	<u>434,160</u>
Operating income	146,823	233,553	212,587
Investment gain (loss) and other income	14,000	(1,523)	1,322
Total interest expense	(38,890)	(39,597)	(41,501)
Distribution to the City of Philadelphia	(18,000)	(18,000)	(18,000)
Excess of revenues over expenses	103,933	174,433	154,408
Net position, beginning of year	624,349	450,053	295,527
Implementation of GASB 87	—	—	118
Implementation of GASB 96	—	(137)	—
Net position, end of year	<u>\$ 728,282</u>	<u>624,349</u>	<u>450,053</u>

(a) Restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

*Operating Revenues*

Operating revenues in FY 2023 were \$711.0 million, a decrease of \$94.4 million, or 11.7%, from FY 2022. The decrease was primarily a result of lower Gas Cost Rates (GCR), which was driven by decreased commodity prices, and a \$15.0 million, or 59.3%, increase in the appropriation for uncollectible accounts. Operating revenues in FY 2022 were \$805.4 million, an increase of \$158.7 million, or 24.5%, from FY 2021. The increase was primarily a result of higher GCR, which was driven by increased commodity prices, offset by a \$9.0 million, or 55.2%, increase in the appropriation for uncollectible accounts.

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Total sales volumes, including gas transportation deliveries, in FY 2023 decreased by 3.9 Bcf, or 5.4%, to 67.6 Bcf from the FY 2022 sales volumes of 71.5 Bcf. In FY 2023, firm gas sales of 35.7 Bcf were 4.2 Bcf, or 10.6%, lower than FY 2022 and interruptible gas sales approximated the FY 2022 level. The volume of natural gas transported for gas transportation customers in FY 2023 decreased by 0.3 Bcf compared to the FY 2022 level. Total sales volumes, including gas transportation deliveries, in FY 2022 decreased by 0.3 Bcf, or 0.4%, to 71.5 Bcf from the FY 2021 sales volumes of 71.8 Bcf. In FY 2022, firm gas sales of 40.0 Bcf were 0.3 Bcf, or 0.8%, lower than FY 2021 and interruptible gas sales were 0.8 Bcf higher than the FY 2021 level. The volume of natural gas transported for gas transportation customers in FY 2022 increased by 0.2 Bcf compared to the FY 2021 level.

*Provision for Uncollectible Accounts* – The provision for uncollectible accounts in FY 2023 totaled \$40.3 million, an increase of \$15.0 million, or 59.3%, compared to FY 2022. The increase in the provision for uncollectible accounts in FY 2023 reflects the cessation of the PUC moratorium and a return to normal collections efforts. In FY 2022, PGW established a regulatory asset for outstanding delinquent account balances in anticipation that it would recover losses relating to the COVID-19 pandemic. The losses are specifically associated with the PUC moratorium, beginning in March 2020, and ending in March 2021, on shutting off gas services to customers who otherwise would be eligible for shutoff. The provision for uncollectible accounts in FY 2022 totaled \$25.3 million, an increase of \$9.0 million, or 55.2%, compared to FY 2021. PGW is committed to continuing its collection efforts in an attempt to reduce outstanding delinquent account balances and to provide assistance to those customers who qualify for low-income grants and payment programs to maintain their gas services.

In FY 2023, the total number of customers served by PGW decreased from the previous year and was approximately 518,000 customers. The total number of customers served by PGW at the end of FY 2022 was 522,000 and 2021 was approximately 524,000. In FY 2023, there were approximately 25,000 Commercial accounts and 500 Industrial accounts, reflecting no change from the previous two fiscal years. The number of residential accounts in FY 2023 was approximately 493,000 customers, a decrease of approximately 3,400 customers from the FY 2022 level and 5,100 customers from the FY 2021 level.

*Operating Expenses*

Total operating expenses, including fuel costs, in FY 2023 were \$564.2 million, a decrease of \$7.7 million, or 1.3%, from FY 2022. The decrease for FY 2023 was mainly caused by the decreased cost of fuel. This decrease was partially offset by the increase in amortization of the unfunded actuarially determined pension and other postemployment benefits liability and an increase in net depreciation expense. Total operating expenses, including fuel costs, in FY 2022 were \$571.9 million, an increase of \$137.7 million, or 31.7%, from FY 2021. The increase for FY 2022 was mainly caused by the increased cost of fuel and the increased amortization of the unfunded actuarially determined pension liability.

*Cost of Fuel* – The cost of natural gas utilized decreased by \$48.5 million, or 17.8%, to \$224.0 million in FY 2023 compared with \$272.5 million in FY 2022. In FY 2023 compared to FY 2022, the average commodity price per Thousand Cubic Feet (Mcf) decreased by \$0.16, or \$6.3 million, and the volume of natural gas utilized decreased by 5.7 Bcf, or \$26.0 million. Demand charges in FY 2023 were approximately \$3.7 million less in FY 2023 when compared to the same period in FY 2022. The pipeline supplier refunds in FY 2023 were approximately \$12.4 million as compared to refunds of \$0.3 million in FY 2022. The cost of natural gas utilized increased by \$108.6 million, or 66.3%, to \$272.5 million in FY 2022 compared with \$163.9 million in FY 2021. In FY 2022 compared to FY 2021, the average commodity price per Mcf increased by \$2.22, or \$100.6 million,

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and the volume of natural gas utilized increased by 1.5 Bcf, or 3.5%. The pipeline supplier refunds in FY 2022 were approximately \$0.3 million as compared to refunds of \$0.01 million in FY 2021.

Variations in the cost of purchased gas are passed through to customers under the GCR provision of PGW's rate schedules. Over recoveries or under recoveries of purchased gas costs are subtracted from or added to gas revenues and are included in other current assets or other current liabilities on the balance sheets, thereby eliminating the effect that recovery of gas costs would otherwise have on net income.

The average natural gas commodity prices for utilized natural gas for FY 2023, FY 2022, and FY 2021 were \$4.39, \$4.55, and \$2.33 per Mcf, respectively.

*Other Operating Expenses* – Expenditures for street operations, infrastructure improvements, and plant operations in FY 2023 were \$115.4 million, a \$10.7 million, or 10.2%, increase from the FY 2022 total of \$104.7 million. The increase in FY 2023 was caused primarily by higher material costs, higher tools and uniforms cost, and information services costs. Expenditures for street operations, infrastructure improvements, and plant operations in FY 2022 were \$104.7 million, a \$1.8 million, or 1.7%, increase from the FY 2021 total of \$103.0 million. The increase in FY 2022 was caused primarily by higher utility gas costs, material costs, and engineering costs.

Additionally, expenses of \$97.5 million related to collection and account management, customer services, marketing, and the administrative area increased by \$2.6 million, or 2.7%, in FY 2023 primarily as compared to FY 2022 due to higher expenses relating to security and risk management, including higher purchased services cost and higher appropriations to the reserve. Expenses related to collection and account management, customer services, marketing, and the administrative area were \$94.9 million in FY 2022, which was an increase of \$1.7 million, or 1.8%, compared to FY 2021. The increase was primarily due to higher expenses relating to risk management, including insurance cost and higher appropriations to the reserve.

Pension expense increased by \$10.8 million to \$31.5 million in FY 2023 as compared to FY 2022. Pension expense increased by \$23.8 million to \$20.7 million in FY 2022 as compared to FY 2021. Both years increased year-over-year primarily due to the increase of amortization of our unfunded liability. The increase in the unfunded liability in FY 2023 and FY 2022 was due primarily to lower than anticipated earnings experienced during the respective period.

OPEB expense increased by \$6.0 million to \$4.8 million in FY 2023 as compared to FY 2022. The increase in 2023 was due primarily to lower than anticipated earnings experienced during the respective periods and changes to demographic assumptions. OPEB expense (income) decreased by \$0.3 million to (\$1.2) million in FY 2022 as compared to FY 2021. The decrease in 2022 was due primarily to higher than anticipated earnings experienced during the respective periods and changes to demographic assumptions.

*Net Depreciation Expense* – Net depreciation expense increased by \$9.7 million in FY 2023 compared with FY 2022. Net depreciation expense increased by \$3.0 million in FY 2022 compared with FY 2021. The composite depreciation rates were 2.1% for FY 2023, FY 2022, and FY 2021. Cost of removal is charged to expense as incurred.

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*Investment Gain (Loss) and Other Income* – Investment gain (loss) and other income in FY 2023 was \$15.5 million higher than FY 2022. The increase was primarily due to a \$6.9 million increase in interest and dividends earned and a \$4.3 million mark to market gain on restricted and unrestricted investments. Investment gain (loss) and other income in FY 2022 was \$2.8 million lower than FY 2021 reflecting a \$1.8 million mark to market loss on restricted and unrestricted investments.

*Interest Expense* – Total interest expense was \$38.9 million in FY 2023, a decrease of \$0.7 million, or 1.8%, when compared with FY 2022. Interest on long-term debt was \$44.8 million, a decrease of \$2.2 million, or 4.7%, lower in FY 2023 when compared to FY 2022. Interest expense was lower in FY 2023 due to the normal amortization of long-term debt. Total interest expense was \$39.6 million in FY 2022, a decrease of \$1.9 million, or 4.6%, when compared with FY 2021. Interest on long-term debt was \$47.0 million, a decrease of \$1.5 million, or 3.1%, lower in FY 2022 when compared to FY 2021. Interest expense was lower in FY 2022 due to the normal amortization of long-term debt.

*Excess of Revenues over Expenses* – In FY 2023, the Company's excess of revenues over expenses was \$103.9 million, a decrease of \$70.5 million from FY 2022. This decrease is primarily due to lower contribution margins, a \$9.7 million increase in depreciation, and a \$31.3 million increase in operating expenses, excluding the cost of fuel. In FY 2022, the Company's excess of revenues over expenses was \$174.4 million, an increase of \$20.0 million from FY 2021. This decrease is primarily due to lower contribution margins of gas offset by lower pension and OPEB expenses.

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**Condensed Balance Sheets**

(Thousands of U.S. dollars)

<b>Assets and Deferred Outflows of Resources</b>	<b>As of August 31</b>		
	<b>2023</b>	<b>2022 (a)</b>	<b>2021</b>
<b>Current assets:</b>			
Accounts receivable (net of accumulated provision for uncollectible accounts of \$108,990, \$108,186, and \$113,164 for 2023, 2022, and 2021, respectively)	\$ 91,957	107,001	81,991
Restricted investment funds	46,508	110,489	96,340
Cash and cash equivalents, cash designated for capital expenditures, gas inventories, materials, and supplies and other current assets	234,141	224,704	224,376
Total current assets	<u>372,606</u>	<u>442,194</u>	<u>402,707</u>
<b>Noncurrent assets:</b>			
Utility plant, net	1,815,469	1,657,809	1,566,708
Unamortized bond insurance costs	681	725	784
Capital improvement fund	—	4,851	91,322
Sinking fund, revenue bonds	109,581	106,188	107,684
Other assets	57,760	64,192	65,996
Total noncurrent assets	<u>1,983,491</u>	<u>1,833,765</u>	<u>1,832,494</u>
Total assets	<u>2,356,097</u>	<u>2,275,959</u>	<u>2,235,201</u>
<b>Deferred outflows of resources:</b>			
Accumulated fair value of hedging derivatives	—	—	9,117
Unamortized losses on bond refunding	19,763	23,321	27,487
Deferred outflows related to pension	29,060	68,189	24,575
Deferred outflows related to OPEB	100,068	62,576	71,721
Total deferred outflows	<u>148,891</u>	<u>154,086</u>	<u>132,900</u>
Total assets and deferred outflows of resources	<u>\$ 2,504,988</u>	<u>2,430,045</u>	<u>2,368,101</u>

(a) Restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

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<b>Net Position, Liabilities, and Deferred Inflows of Resources</b>	<b>As of August 31</b>		
	<b>2023</b>	<b>2022 (a)</b>	<b>2021</b>
Net position:			
Net investment in capital assets	\$ 825,211	674,529	591,091
Restricted	112,359	108,855	110,424
Unrestricted	(209,288)	(159,035)	(251,462)
Total net position	728,282	624,349	450,053
Noncurrent liabilities:			
Long-term revenue bonds	980,578	1,050,687	1,122,609
Other noncurrent liabilities	82,992	38,811	51,831
Net pension liability	229,433	261,082	138,216
Net OPEB liability	208,706	149,231	201,588
Total noncurrent liabilities	1,501,709	1,499,811	1,514,244
Current liabilities:			
Current portion of revenue bonds	70,110	64,202	65,417
Other current liabilities	159,155	130,492	140,807
Total current liabilities	229,265	194,694	206,224
Deferred inflows of resources:			
Deferred inflows related to gain on bond refunding	156	168	181
Deferred inflows related to pension	—	5,937	94,514
Deferred inflows related to OPEB	40,372	102,608	102,885
Deferred inflows related to interest rate swap	5,204	2,478	—
Total deferred inflows	45,732	111,191	197,580
Total net position, liabilities, and deferred inflows of resources	\$ 2,504,988	2,430,045	2,368,101

(a) Restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

**Assets**

*Accounts Receivable* – In FY 2023, accounts receivable (net) of \$92.0 million decreased by \$15.0 million, or 14.0%, from FY 2022. This correlates with the decrease in total operating revenues of 11.7% compared to FY 2022. Customer accounts receivables at August 31, 2023 reflect a balance of \$190.7 million, a decrease of \$8.7 million compared to \$199.4 million balance at August 31, 2022. Accrued gas revenues at August 31, 2023 reflect a balance of \$8.6 million, a decrease of \$2.7 million compared to the \$11.3 million balance at August 31,

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2022. The accumulated provision for uncollectible accounts at August 31, 2023 reflects a balance of \$109.0 million, an increase of \$0.8 million compared to the \$108.2 million balance at August 31, 2022. In FY 2022, accounts receivable (net) of \$107.0 million increased by \$25.0 million, or 30.5%, from FY 2021 due to a higher GCR, which was driven by increased commodity prices, and a decrease in the accumulated provision for uncollectible accounts. The customer accounts receivable at August 31, 2022 reflect a balance of \$199.4 million, an increase of \$16.9 million compared to the \$182.5 million balance at August 31, 2021. Accrued gas revenues at August 31, 2022 reflects a balance of \$11.3 million, an increase of \$3.3 million compared to the \$8.0 million balance at August 31, 2021. The accumulated provision for uncollectible accounts at August 31, 2022 reflects a balance of \$108.2 million, a decrease of \$5.0 million compared to the \$113.2 million balance at August 31, 2021. Net write-offs for FY 2023 were \$39.5 million as compared to \$30.3 million in FY 2022 and \$11.4 million in FY 2021.

*Cash and Cash Equivalents, Gas Inventories, Materials, and Supplies, and Other Current Assets* – In FY 2023, cash and cash equivalents totaled \$139.3 million, an increase of \$23.7 million from the FY 2022 total of \$115.6 million. The increase in the cash balance at the end of FY 2023 was primarily a result of an increase of receipts from customers and overall increase in net cash provided by operating activities. In FY 2022, cash and cash equivalents totaled \$115.6 million, a decrease of \$42.7 million from the FY 2021 total of \$158.3 million. The decrease in the cash balance at the end of FY 2022 was primarily a result of an increase in capital spending funded by internally generated funds.

In FY 2023, gas inventories, materials, and supplies totaled \$79.5 million, a decrease of \$13.4 million, or 14.4% from the FY 2022 total of \$92.9 million. In FY 2023, gas storage totaled \$65.3 million, a decrease of \$16.2 million when compared to FY 2022. The decrease in gas inventory reflects a decrease in the weighted average cost of gas stored in inventory. The weighted average cost of gas as of August 31, 2023 decreased approximately \$1.13 per Mcf, or 21.6%, compared to August 31, 2022. Volumes in storage stayed relatively consistent. Actual volumes in storage as of August 31, 2023 volumes were 15.3 Bcf, a 0.4 Bcf, or 2.4%, increase when compared to FY 2022. In FY 2022, gas inventories, materials, and supplies totaled \$92.9 million, an increase of \$39.5 million, or 74.0% from the FY 2021 total of \$53.4 million. In FY 2022, gas storage totaled \$81.5 million, an increase of \$40.7 million when compared to FY 2021. The increase in gas inventory reflects an increase in the price per Mcf of gas stored in inventory. Actual volumes in storage as of August 31, 2022 were 15.0 Bcf, a 0.3 Bcf, or 2.0%, increase when compared to FY 2021.

Other current assets totaled \$15.4 million in FY 2023, a decrease of \$0.8 million, from FY 2022. Other current assets totaled \$16.2 million in FY 2022, an increase of \$3.5 million from FY 2021. The increase in other current assets in FY 2022 is primarily a result of an increase in the deferred GCR, which was partially offset by a decrease in accrued reimbursables.

*Restricted Investment Funds* – Restricted Investment Funds include the current portion of the Capital Improvement Fund and the Workers' Compensation Escrow Fund. The balances of the current portion of the Capital Improvement Fund at August 31, 2023, 2022, and 2021 were \$43.7 million, \$107.8 million, and \$93.6 million, respectively. Restricted Investment Funds decreased by \$64.0 million in FY 2023 compared to FY 2022. PGW withdrew \$81.0 million, \$72.0 million, and \$55.0 million to finance various capital initiatives in FY 2023, FY 2022, and FY 2021, respectively. As of October 21, 2020, PGW funded the Capital Improvement Fund in the amount of \$240.0 million with the new issuance of the 16th Series Bonds. Pursuant to the Pennsylvania Department of Labor and Industry Bureau of Workers' Compensation Self-Insurance policy, the

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Company has established and maintains a restricted trust account. As of August 31, 2023, 2022, and 2021, the trust account balances were \$2.8 million, \$2.7 million, and \$2.7 million, respectively.

*Utility Plant and Other Noncurrent Assets* – In FY 2023, noncurrent assets including utility plant, net, the long-term portion of the Capital Improvement Fund, the revenue bonds' Sinking Fund, and unamortized bond insurance costs, totaled \$1,983.5 million, an increase of \$149.7 million from FY 2022. This increase is due to the large amounts of capital projects placed in service in FY 2023. In FY 2022, noncurrent assets including utility plant, net, the long-term portion of the Capital Improvement Fund, the revenue bonds' Sinking Fund, and unamortized bond insurance costs, totaled \$1,833.8 million, an increase of \$1.3 million from FY 2021.

Utility plant, net, totaled \$1,815.5 million in FY 2023, an increase of \$157.7 million, or 9.5%, compared with the FY 2022 balance. Utility plant, net, totaled \$1,657.8 million in FY 2022, an increase of \$91.1 million, or 5.8%, compared with the FY 2021 balance. Capital expenditures for construction of distribution facilities, purchase of equipment, information technology enhancements, and other general improvements were \$150.2 million in FY 2023 compared to \$151.1 million in FY 2022 and \$138.5 million in FY 2021. In FY 2023, PGW added a capital lease for the Company's North Operations Center ("NOC"), which contributed approximately \$78.0 million to the increase of utility plant, net. For additional information on the Company's capital assets, see note 1(g) *Utility Plant* of the basic financial statements.

In early 2012, Act 11 was enacted by the Pennsylvania Legislature. Act 11 permitted public utilities to file a request with the PUC for the implementation of a Distribution System Improvement Charge (DSIC). A DSIC permits natural gas distribution companies to recover the costs related to main and service replacement not already recovered in base rates. This legislation provides utility companies with a supplemental recovery mechanism for costs related to incremental/accelerated distribution system repair, improvement, and replacement. Act 11 permits gas utilities to recover 5.0% of their nongas revenues via the recovery mechanism and permits greater percentage increases if approved by the PUC. The Company started billing customers a DSIC surcharge as of July 1, 2013. On September 1, 2015, PGW proposed an increase in the DSIC from 5.0% to 7.5% of distribution revenues and to levelize and annualize the DSIC. The PUC issued an Order and Opinion granting PGW's request to increase its DSIC to 7.5% on January 28, 2016 which went into effect on February 1, 2016. In FY 2023, FY 2022 and FY 2021, the Company billed customers \$34.6 million, \$36.8 million, and \$34.6 million respectively, for the DSIC surcharge. The DSIC surcharge is fully reconcilable on a calendar-year basis. For additional information, see note 1(h) *Revenue Recognition* of the basic financial statements.

*Deferred Outflows of Resources Related to Hedging Derivatives and Bond Refunding* – Deferred outflows of resources related to hedging derivatives and bond refunding represent amounts that will result in a reduction of net position in a subsequent period. Deferred outflows of resources related to hedging derivatives and bond refunding include the accumulated fair value of hedging derivatives that will be recognized in the statement of revenues and expenses and changes in net position upon termination of the hedging relationship, and unamortized losses on bond refunding. Deferred outflows of resources related to hedging derivatives and bond refunding decreased \$3.5 million in FY 2023 from the FY 2022 total of \$23.3 million. Deferred outflows of resources related to hedging derivatives and bond refunding decreased \$13.3 million in FY 2022 from the FY 2021 total of \$36.6 million.

*Deferred Outflows of Resources Related to Pension* – Deferred outflows of resources related to pensions represent amounts that will result in a reduction of net position in a subsequent period. Deferred outflows of

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resources related to pension include increases in the pension liability that will be amortized into pension expense in future periods. Deferred outflows of resources related to pension decreased \$39.1 million in FY 2023 from the FY 2022 total of \$68.2 million. Deferred outflows of resources related to pension increased \$43.6 million in FY 2022 from the FY 2021 total of \$24.6 million.

*Deferred Outflows of Resources Related to OPEB* – Deferred outflows of resources related to OPEB represent amounts that will result in a reduction of net position in a subsequent period. Deferred outflows of resources related to OPEB include increases in the OPEB liability that will be amortized into OPEB expense in future periods. Deferred outflows of resources related to OPEB increased \$37.5 million, or 59.9%, in FY 2023 from the FY 2022 total of \$62.6 million. Deferred outflows of resources related to OPEB decreased \$9.1 million, or 12.7%, in FY 2022 from the FY 2021 total of \$71.7 million.

*Liabilities*

*Long-Term Revenue Bonds* – Long-term revenue bonds, including the current portion and unamortized discount and premium, totaled \$1,050.7 million as of August 31, 2023. This was \$64.2 million less than the previous year due to scheduled principal payments and the normal amortization of bond discounts and premiums. This represents 59.1% of total capitalization as of August 31, 2023. Long-term revenue bonds, including the current portion and unamortized discount and premium, totaled \$1,114.9 million as of August 31, 2022. This was \$73.1 million less than the previous year due to scheduled principal payments. This represents 64.1% of total capitalization as of August 31, 2022. Long-term revenue bonds, including the current portion and unamortized discount and premium, totaled \$1,188.0 million as of August 31, 2021. This was \$188.2 million more than the previous year and was a result of issuing the Sixteenth Series Bonds. This represents 72.5% of total capitalization as of August 31, 2021. For additional information, see note 8, *Long-Term Debt and Other Liabilities* of the basic financial statements.

*Debt Service Coverage Ratio and Ratings* – PGW has a mandatory debt service coverage ratio of 1.50 times debt service on the 1998 Ordinance Bonds. On August 31, 2023, debt service coverage on Senior 1998 Ordinance Bonds was 2.52 times, compared to 3.04 and 2.70 times on August 31, 2022 and 2021, respectively. PGW's current bond ratings are "A3" from Moody's Investors Service (Moody's), "A" from Standard & Poor's Rating Service (S&P), and "A-" from Fitch Ratings.

*Notes Payable* – Pursuant to the provisions of the City of Philadelphia Note Ordinances, PGW may issue short-term notes to either support working capital requirements or pay the costs of certain capital projects and other project costs. PGW may issue short-term notes in a principal amount, which, together with interest, may not exceed \$150.0 million outstanding to support working capital requirements. PGW may also sell additional short-term notes in an aggregate principal amount, which may not exceed \$120.0 million outstanding at any time to pay the costs of certain capital projects and other project costs. All notes are supported by a Note Purchase and Credit Agreement and a security interest in PGW's revenues. The Note Purchase and Credit Agreement supporting PGW's combined commercial paper programs set the maximum level of outstanding notes plus interest at \$120.0 million in both 2023 and 2022. The commitment amount is \$120.0 million under the current credit agreement. The expiration date of the credit agreement is June 16, 2026.

*Other Current Liabilities* – As of August 31, 2023, other current liabilities totaled \$48.0 million, an increase of \$41.8 million from FY 2022. The increase in FY 2023 is primarily due to the overrecovery of GCR and surcharges compared to FY 2022. As of August 31, 2022, and 2021, other current liabilities were \$6.2 million

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and \$35.4 million, respectfully. As of August 31, 2023, accounts payable totaled \$80.6 million, a decrease of \$16.2 million, or 16.7%, compared with FY 2022 primarily due to a decrease of general accounts payable, natural gas payables, and unbilled liabilities. As of August 31, 2022, accounts payable totaled \$96.8 million, an increase of \$16.9 million, or 21.2%, compared with FY 2021 primarily due to an increase in natural gas payables and unbilled liabilities.

*Other Noncurrent Liabilities* – As of August 31, 2023, other noncurrent liabilities totaled \$24.4 million, a decrease of \$12.5 million compared to August 31, 2022. As of August 31, 2023, noncurrent lease asset liabilities totaled \$58.6 million, an increase of \$58.5 million. The increase is due to the addition of the lease liability for the NOC. As of August 31, 2022, other noncurrent liabilities totaled \$36.9 million, a decrease of \$14.8 million compared to August 31, 2021. The decrease in FY 2022 is primarily due to the changes in the valuation of the interest rate swaps.

*Net OPEB Liability* – The net OPEB obligation was \$208.7 million as of August 31, 2023, a \$59.5 million increase from the \$149.2 million obligation as of August 31, 2022. The net OPEB obligation was \$149.2 million as of August 31, 2022, a \$52.4 million decrease from the \$201.6 million obligation as of August 31, 2021. The changes in FY 2023 and FY 2022 were caused by changes in benefit, demographic, and economic assumptions.

*Net Pension Liability* – The net pension liability was \$229.4 million as of August 31, 2023, a decrease of \$31.7 million, or 12.1%, from the \$261.1 million liability as of August 31, 2022. The decrease is primarily due to net investment gain in FY 2023 compared to the net investment loss in FY 2022. There was an increase in the net pension liability of \$122.9 million, or 88.9%, in FY 2022 as compared to FY 2021. The increase reflected a loss of approximately \$127.2 million on the rate of return during the period.

*Deferred Inflows of Resources Related to Pension* – Deferred inflows of resources related to pension represent amounts that will result in an increase of net position in a subsequent period. Deferred inflows of resources related to pension represent the difference between actual and expected earnings on pension plan investments. The decrease in deferred inflows of resources related to pension of \$5.9 million as of August 31, 2023, as compared to August 31, 2022, is primarily due to changes in investment performance. The decrease in deferred inflows of resources related to pension of \$88.6 million as of August 31, 2022, as compared to August 31, 2021, is primarily related to asset loss in FY 2022. There were \$94.5 million in deferred inflows of resources related to pension on August 31, 2021.

*Deferred Inflows of Resources Related to OPEB* – Deferred inflows of resources related to OPEB represent amounts that will result in an increase of net position in a subsequent period. Deferred inflows of resources related to OPEB as of August 31, 2023, were \$40.4 million as compared to \$102.6 million as of August 31, 2022. The decrease in deferred inflows of resources related to OPEB of \$62.2 million, or 60.6%, between FY 2023 and FY 2022 is primarily driven by benefit, demographic, and economic assumptions. There were \$102.9 million in deferred inflows of resources related to OPEB on August 31, 2021. The decrease in deferred inflows of resources related to OPEB of \$0.3 million, or 0.3%, between FY 2022 and FY 2021 is primarily driven by benefit, demographic, and economic assumptions.

(Continued)

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Management's Discussion and Analysis  
August 31, 2023 and 2022 (Unaudited)

*Net Position* – On August 31, 2023, total net position totaled \$728.3 million, an increase of \$104.0 million compared to August 31, 2022. The increase in FY 2023 is due to an excess of revenues over expenses generated by PGW operations during FY 2023. As of August 31, 2023, unrestricted net position totaled negative \$209.3 million, an increase of \$50.3 million compared to August 31, 2022. On August 31, 2022, total net position totaled \$624.3 million, an increase of \$174.2 million compared to August 31, 2021. The increase in FY 2022 is due to an excess of revenues over expenses generated by PGW operations during FY 2022. As of August 31, 2022, unrestricted net position totaled negative \$159.0 million, a decrease of \$92.5 million compared to August 31, 2021. Due to the long-term nature of the Company's net pension and OPEB liability, the Company's negative unrestricted net position is not indicative of its near-term liquidity.

**Upcoming Accounting Pronouncements**

GASB has issued the following pronouncements that may affect future financial position, results of operations, cash flows, or financial presentation of PGW upon implementation. The Company has not yet evaluated the effect of the implementation of these standards.

<b>GASB Statement No.</b>	<b>GASB Accounting Standard</b>	<b>Effective Fiscal Year</b>
99	<i>Omnibus 2022</i>	2024
100	<i>Accounting Changes and Error Corrections- an amendment of GASB Statement No. 62</i>	2024
101	<i>Compensated Absences</i>	2025

**Contacting the Company's Financial Management**

This financial report is designed to provide the citizens of Philadelphia, customers, investors, and creditors with a general overview of PGW's finances and to demonstrate PGW's accountability for the money it receives. If you have questions pertaining to this report or need additional financial information, please contact Philadelphia Gas Works, 800 W. Montgomery Avenue, Philadelphia, PA 19122 Attn: Vice President, Finance and Controller or on the Web at [www.pgworks.com](http://www.pgworks.com).

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)

Balance Sheets

August 31, 2023 and 2022

(Thousands of U.S. dollars)

<b>Assets</b>	<b>2023</b>	<b>2022</b>
<b>Current assets:</b>		
Cash, cash equivalents, and short-term investments	\$ 139,302	115,637
Accounts receivable (net of provision for uncollectible accounts of \$108,990 and \$108,186 for 2023 and 2022, respectively)	91,957	107,001
Gas inventories, materials, and supplies	79,454	92,876
Current portion of capital improvement fund	43,730	107,822
Workers' compensation escrow fund	2,778	2,667
Other current assets	15,385	16,191 *
Total current assets	372,606	442,194
<b>Noncurrent assets:</b>		
Utility plant, at original cost:		
In service	2,902,469	2,810,896
Lease assets	80,351	1,202
Software subscriptions	8,135	8,438 *
Under construction	161,751	141,469
Total	3,152,706	2,962,005
Less accumulated depreciation	1,329,678	1,299,288
Less accumulated depreciation – lease assets	2,488	855
Less accumulated depreciation – software subscriptions	5,071	4,053 *
Utility plant, net	1,815,469	1,657,809
Capital improvement fund	—	4,851
Sinking fund, revenue bonds	109,581	106,188
Unamortized bond insurance costs	681	725
Regulatory asset – environmental	23,610	28,871
Regulatory asset – pandemic	30,485	30,674
Other noncurrent assets	3,665	4,647
Total noncurrent assets	1,983,491	1,833,765
Total assets	2,356,097	2,275,959
<b>Deferred Outflows of Resources</b>		
Unamortized losses on bond refunding	19,763	23,321
Deferred outflows related to pension	29,060	68,189
Deferred outflows related to OPEB	100,068	62,576
Total deferred outflows of resources	148,891	154,086
Total assets and deferred outflows of resources	\$ 2,504,988	2,430,045

\* FY 2022 has been restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

See accompanying notes to basic financial statements.

**PHILADELPHIA GAS WORKS**  
A Component Unit of the City of Philadelphia)

Balance Sheets

August 31, 2023 and 2022

(Thousands of U.S. dollars)

<b>Liabilities</b>	<b>2023</b>	<b>2022</b>
<b>Current liabilities:</b>		
Current portion of revenue bonds	\$ 70,110	64,202
Accounts payable	80,632	96,764
Current portion of long-term liabilities	7,947	5,927
Customer deposits	2,653	2,262
Current portion of lease liabilities	1,329	131
Current portion of software subscription liabilities	1,838	1,856 *
Other current liabilities	47,970	6,164
Accrued accounts:		
Interest, taxes, and wages	13,786	14,388
Distribution to the City	3,000	3,000
Total current liabilities	229,265	194,694
<b>Noncurrent liabilities:</b>		
Long-term revenue bonds	980,578	1,050,687
Long-term lease liabilities	58,642	114
Long-term software subscription liabilities	—	1,770 *
Other noncurrent liabilities	24,350	36,927
Net pension liability	229,433	261,082
Net OPEB liability	208,706	149,231
Total noncurrent liabilities	1,501,709	1,499,811
Total liabilities	1,730,974	1,694,505
<b>Deferred Inflows of Resources</b>		
Deferred inflows related to gain on bond refunding	156	168
Deferred inflows related to pension	—	5,937
Deferred inflows related to OPEB	40,372	102,608
Accumulated fair value of hedging derivatives	5,204	2,478
Total deferred inflows of resources	45,732	111,191
Total liabilities and deferred inflows of resources	1,776,706	1,805,696
<b>Net Position</b>		
Net investment in capital assets	828,274	678,913 *
Restricted (debt service)	109,581	106,188
Restricted (workers' compensation)	2,778	2,667
Unrestricted	(212,351)	(163,419) *
Total net position	728,282	624,349
Total liabilities, deferred inflows of resources, and net position	\$ 2,504,988	2,430,045

\* FY 2022 has been restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

See accompanying notes to basic financial statements.



**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)

Statements of Revenues and Expenses and Changes in Net Position

Years ended August 31, 2023 and 2022

(Thousands of U.S. dollars)

	<b>2023</b>	<b>2022</b>
Operating revenues:		
Gas revenues:		
Non-heating	\$ 25,914	32,064
Gas transport service	77,530	71,710
Heating	599,980	687,142
Provision for uncollectible accounts	(40,270)	(25,287)
Total gas revenues	663,154	765,629
Appliance and other revenues	7,339	6,656
Other operating revenues	40,533	33,152
Total operating revenues	711,026	805,437
Operating expenses:		
Natural gas	223,996	272,468
Gas processing	25,569	24,085
Field operations	89,803	79,542 *
Collection and account management	12,894	13,237
Customer services	13,962	12,825 *
Marketing	3,857	4,433
Administrative and general	66,704	64,535 *
Pensions	31,544	20,675
Other postemployment benefits	4,791	(1,242)
Taxes	9,121	8,984
Total operating expenses before depreciation	482,241	499,542
Depreciation	81,962	72,342 *
Total operating expenses	564,203	571,884
Operating income	146,823	233,553
Investment gains (losses) and other income	14,000	(1,523)
Income before interest expense	160,823	232,030
Interest expense:		
Long-term debt	44,776	47,044
Other	(5,886)	(7,447) *
Total interest expense	38,890	39,597
Distribution to the City of Philadelphia	(18,000)	(18,000)
Excess of revenues over expenses	103,933	174,433
Net position, beginning of year	624,349	449,916 *
Net position, end of year	\$ 728,282	624,349 *

\* FY 2022 has been restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

See accompanying notes to basic financial statements.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)

Statements of Cash Flows

Years ended August 31, 2023 and 2022

(Thousands of U.S. dollars)

	<b>2023</b>	<b>2022</b>
Cash flows from operating activities:		
Receipts from customers	\$ 802,200	782,300
Payments to suppliers	(437,337)	(487,069) *
Payments to employees	(139,739)	(135,576)
Claims paid	(2,671)	(2,536)
Other receipts	20,957	13,851
Net cash provided by operating activities	243,410	170,970
Cash flows from non-capital financing activities:		
Income (loss) from non-utility operations	6,497	(2,513)
Interest and fees	(469)	849 *
Distribution to the City of Philadelphia	(18,000)	(18,000)
Net cash (used in) noncapital financing activities	(11,972)	(19,664)
Cash flows from investment activities:		
Sinking fund reserve deposits	(3,390)	(40,853)
Sinking fund reserve withdrawals	—	42,346
Capital improvement fund deposits	(10,000)	—
Capital improvement fund withdrawals	78,943	72,249
Interest income / capital gain from short-term investments	5,185	374
Interest income / capital gain on capital improvement fund	1,028	431
Interest income / capital gain on sinking fund	1,291	185
Net cash provided by investment activities	73,057	74,732
Cash flows from capital and related financing activities:		
Redemption, refunding or defeasance of long-term debt	—	(10,865)
Purchases of capital assets	(159,256)	(156,917)
Principal paid on long-term debt	(53,770)	(50,745)
Interest paid on long-term debt	(45,374)	(47,685)
Principal paid on lease liability	(20,021)	(577)
Principal paid on software subscription liability	(2,409)	(1,877) *
Net cash (used in) capital and related financing activities	(280,830)	(268,666)
Net increase (decrease) in cash and cash equivalents	23,665	(42,628)
Cash and cash equivalents at beginning of year	115,637	158,265
Cash and cash equivalents at end of year	\$ 139,302	115,637
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	\$ 146,822	233,552 *
Adjustments to reconcile operating income to net cash provided by operating activities:		
Effect of change in accounting principle	—	128 *
Depreciation and amortization expense	81,962	72,342 *
Provision for uncollectible accounts	40,270	25,287
Change in assets and liabilities:		
Receivables, net	(25,226)	(50,298)
Gas inventories, materials, and supplies	13,422	(39,503)
Other current assets	806	(4,620) *
Other assets and deferred outflows of resources	8,069	(23,548)
Accounts payable	(16,132)	16,836
Customer deposits	391	604
Other current liabilities	43,826	(28,824)
Accrued accounts	(602)	(363)
Other liabilities, deferred inflows of resources, net OPEB and pension liabilities	(50,198)	(30,623)
Net cash provided by operating activities	\$ 243,410	170,970

\* FY 2022 has been restated as a result of the implementation of GASB 96 (see note 1(u) to the basic financial statements).

See accompanying notes to basic financial statements.

**PHILADELPHIA GAS WORKS OPEB TRUST**  
(A Fiduciary Fund of the Philadelphia Gas Works)

Statements of Fiduciary Net Position

Years ended December 31, 2022 and 2021

(Thousands of U.S. dollars)

	<u>2022</u>	<u>2021</u>
<b>Assets:</b>		
Cash and cash equivalents	\$ 1,713	2,244
Accrued interest income	<u>120</u>	<u>106</u>
Total cash and accrued income	<u>1,833</u>	<u>2,350</u>
Investments, at fair value:		
Domestic equity	151,110	180,800
International equity	74,856	81,416
Fixed income	<u>94,531</u>	<u>101,449</u>
Total investments	<u>320,497</u>	<u>363,665</u>
Total assets	<u>322,330</u>	<u>366,015</u>
<b>Liabilities:</b>		
Accrued expenses	54	42
Pending cash	<u>1,641</u>	<u>29</u>
Total liabilities	<u>1,695</u>	<u>71</u>
Net position held in trust for other postemployment benefits	<u>\$ 320,635</u>	<u>365,944</u>

**PHILADELPHIA GAS WORKS OPEB TRUST**  
(A Fiduciary Fund of the Philadelphia Gas Works)

Statements of Changes in Fiduciary Net Position

Years ended December 31, 2022 and 2021

(Thousands of U.S. dollars)

	<b>2022</b>	<b>2021</b>
Additions:		
Contributions:		
Philadelphia Gas Works – contribution to OPEB Trust	\$ 18,500	18,500
Philadelphia Gas Works – benefits paid	25,677	25,197
Investment income:		
Net realized gains	3,080	25,241
Interest and dividend income	6,955	6,036
Net unrealized gains (losses)	(73,669)	10,252
Net investment (loss) income	(63,634)	41,529
Total (reductions) additions	(19,457)	85,226
Deductions:		
Benefits paid	25,677	25,197
Administrative expenses and bank fees	68	52
Investment management expenses	107	112
Total deductions	25,852	25,361
Change in net assets	(45,309)	59,865
Net position held in trust for other postemployment benefits – beginning of year	365,944	306,079
Net position held in trust for other postemployment benefits – end of year	\$ 320,635	365,944

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Notes to Basic Financial Statements  
August 31, 2023 and 2022

**(1) Summary of Significant Accounting Policies**

The accounting methods employed by the Philadelphia Gas Works (the Company or PGW) are in accordance with U.S. generally accepted accounting principles (U.S. GAAP) and are in conformity with reporting requirements for the City of Philadelphia (the City).

As described in note 2, the Company is accounted for as a component unit of the City, and consequently follows accounting principles promulgated by the Governmental Accounting Standards Board (GASB) as they apply to business type activities. Under the Regulated Operations guidance within GASB Statement No. 62, Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements (GASB 62), assets or liabilities may be created by certain actions of regulatory bodies.

Philadelphia Gas Works' fiduciary activities are accounted for using the flow of economic resources measurement focus and accrual basis of accounting. Assets, deferred outflows of resources, liabilities, deferred inflows of resources and net position are accounted for in a fiduciary fund with investments recorded at fair value and benefits paid directly from its general resources on a pay-as-you-go basis.

The principal accounting policies within this framework are described as follows:

**(a) Regulation**

Pursuant to the passage of the Pennsylvania Natural Gas Choice and Competition Act (the Act), the Company came under the regulatory jurisdiction of the Pennsylvania Public Utility Commission (PUC). Under the PUC's jurisdiction, the Company filed a restructuring plan, which among other things, provided for an unbundled tariff permitting customer choice of the commodity supplier. Under the Act, the PUC is required to follow the same ratemaking methodology and requirements that were previously applicable to the Philadelphia Gas Commission (PGC) when determining the Company's revenue requirements and approving overall rates and tariffs. Tariff rates are designed to maintain revenue neutrality and the tariff rules and regulations are designed to comport with the Pennsylvania Public Utility Code. For additional information related to PGW's tariff and base rates, see note 1(d) Base Rates.

The PGC continues to approve the Company's Operating Budget and review its Capital Budget. The Company's Capital Budget must also be approved by Philadelphia City Council.

**(b) Operating Budget**

On May 11, 2023, PGW filed a proposed Fiscal Year (FY) 2024 Operating Budget with the PGC. The PGC Hearing Examiners conducted Informal Discovery (ID) sessions on May 25, 2023 and on June 5, 2023. On June 26, 2023, a public hearing was convened via Zoom. On July 18, 2023, a recommended decision was rendered by the Hearing Examiners, which proposed adjustments to the Operating Budget as filed. On August 8, 2023, the PGC approved, with adjustments, PGW's FY 2024 Operating Budget. PGW filed a Compliance Budget with the PGC on August 17, 2023.

On May 5, 2022, PGW filed a proposed FY 2023 Operating Budget with the PGC. The PGC Hearing Examiners conducted ID sessions on May 31, 2022 and on June 7, 2022. On June 29, 2022 a public hearing was convened via Zoom, due to the COVID-19 pandemic and related government shutdown

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**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)

Notes to Basic Financial Statements

August 31, 2023 and 2022

orders. On July 22, 2022, a recommended decision was rendered by the Hearing Examiners, which proposed adjustments to the Operating Budget as filed. On August 9, 2022, the PGC approved, with adjustments, PGW's FY 2023 Operating Budget. PGW filed a Compliance Budget with the PGC on August 18, 2022.

**(c) Capital Budget**

On January 3, 2023, PGW filed with the PGC its proposed FY 2024 Capital Budget in the amount of \$212.4 million. After a due diligence review and related ID process on January 31, 2023 and February 14, 2023, a public hearing was held on March 7, 2023. The PGC's review culminated in the endorsement at a public hearing on March 31, 2023 of a FY 2024 Capital Budget in an amount not to exceed \$192.4 million. The endorsed budget was approved by City Council on June 22, 2023 and signed by the Mayor on July 12, 2023. On June 2, 2023 and July 24, 2023, PGW filed a request to the PGC to amend the FY 2024 Capital Budget to reauthorize three projects in the FY 2022 Capital Budget to extend the two-year lifespan to complete the projects, as well as two new projects to be added to the Capital Budget FY 2024 bringing the total Capital Budget to \$225.4 million. On September 12, 2023, the PGC endorsed PGW's request to amend the FY 2024 Capital Budget. PGW is awaiting final approval by City Council and Mayor.

On January 3, 2022, PGW filed with the PGC its proposed FY 2023 Capital Budget in the amount of \$190.2 million. After a due diligence review and related ID process on February 9, 2022 and February 16, 2022, a public hearing was held on March 8, 2022. The PGC's review culminated in the endorsement at a public hearing on April 26, 2022 of the FY 2023 Capital Budget in an amount not to exceed \$187.4 million. The endorsed budget was approved by City Council on June 23, 2022 and signed by the Mayor on June 27, 2022. On May 10, 2022 and August 4, 2022, PGW filed a request to the PGC to amend the FY 2023 Capital Budget to reauthorize four projects in the FY 2021 Capital Budget to extend the two-year lifespan to complete the projects. On October 11, 2022, the PGC approved PGW's request to amend the FY 2023 Capital Budget for the reauthorization of the four projects in the FY 2021 Capital Budget. The amended budget was approved by City Council on March 23, 2023, and signed by the Mayor on April 12, 2023.

**(d) Base Rates**

On February 27, 2023, PGW filed for an increase in its distribution base rates with the PUC. The filing sought a general rate increase calculated to produce \$85.8 million, or 10.3%, in additional annual operating revenues based upon a twenty-year normal weather assumption. The filing also requested to increase the fixed monthly customer charge component as well as the volumetric delivery charge component of base rates.

PGW and all other rate case parties did not reach a settlement agreement, leading to litigation of the rate case issues. On September 5, 2023, the Administrative Law Judges (ALJ) issued their Recommended Decision for a \$22.3 million, or 2.7%, increase over present rates. On September 15, 2023, PGW submitted Exceptions to the ALJ's Recommended Decision.

On November 9, 2023, the PUC entered its Order and Opinion in the case, which approved an annual operating revenue increase of \$26.2 million, or 3.15% over present rates. The Order and Opinion granted, in part, exceptions filed by the Office of Consumer Advocate (OCA), the Grays Ferry

(Continued)



**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Notes to Basic Financial Statements  
August 31, 2023 and 2022

Cogeneration Partnership and Vicinity Energy Philadelphia, the Philadelphia Industrial and Commercial Gas Users Group (PICGUG), and PGW. PGW filed the new tariff November 28, 2023 with rate increase for service rendered on or after November 29, 2023.

**(e) Weather Normalization Adjustment Clause**

The Weather Normalization Adjustment (WNA) Clause was approved by the PUC. The purpose of the WNA Clause is to neutralize the impact of weather on the Company's revenues. This allows the Company to achieve the recovery of appropriate costs as authorized by the PUC. The WNA Clause results in neither a rate increase nor a rate decrease but acts as a billing adjustment. The main benefits of the WNA Clause are the stabilization of cash flow and the reduction of the need for short-term borrowing from year to year. The WNA Clause adjustment is applied to customer invoices rendered during the period of October 1 through May 31 of each year for each billing cycle. The WNA Clause adjustment for the years ended August 31, 2023 and 2022 was an increase in billings of \$32.4 million and \$23.2 million, respectively.

On April 27, 2023, PGW filed an Emergency Petition to revise its Gas Service Tariff, effective May 1, 2023, eliminating all May 2023 usage for residential and commercial customers from the WNA calculation. On April 28, 2023, the PUC approved the Emergency Petition to allow PGW to remove May 2023 usage from the formula used currently for the Company's approved WNA clause. As a result of the PUC ruling, no WNA charges or credits were assessed on residential and commercial customers relating to May 2023 usage.

For the year ended August 31, 2022, an anomaly occurred in the application of the WNA, which caused approximately \$12.8 million of additional billings. This produced unusually large and unanticipated charges to customers in the majority of billing cycles with May usage. PGW filed a petition with the PUC seeking to reverse the WNA charges that were applied to May billings and the petition was approved by the PUC. The \$12.8 million of additional billings were reversed and are not included in the FY 2022 WNA adjustment of \$23.2 million.

**(f) Gas Cost Rate**

The Company's single greatest operating expense is the cost of natural gas. The rate charged to the Company's customers to recover these costs is called the Gas Cost Rate (GCR). The GCR reflects the increases or decreases in natural gas costs and other applicable GCR costs. This GCR mechanism provides the flexibility to rapidly reflect current conditions without the time delay inherent in full base rate alteration. The intent is to achieve an annual balance between the costs incurred for fuel and their pass-through to customers.

At the end of the fiscal year, costs recovered through the GCR and surcharges are compared to the actual cost of fuel and other applicable costs. Customers are then credited or charged for the over recovery or under recovery of costs. The GCR and surcharges charge or credit may be updated quarterly or in the subsequent fiscal year to reflect the under recovery or over recovery. Changes in the GCR impact the reported amounts of gas revenues but do not affect operating income or net income because they are passed through to the customer without markup. At August 31, 2023, approximately \$44.6 million was recorded in other current liabilities for the over recovery of the GCR and surcharges. At August 31, 2022, approximately \$6.3 million was recorded in other current assets for the under

(Continued)

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)

Notes to Basic Financial Statements

August 31, 2023 and 2022

recovery of the GCR and surcharges. The GCR comprises the purchased gas costs plus the gas adjustment charge minus the interruptible revenue credit.

**GCR Effective Dates and Rates**

(Amounts in U.S. dollars)

Effective date	GCR rate per Mcf*	Change
December 1, 2023	\$ 4.0030	0.4974
September 1, 2023	3.5056	(0.0460)
June 1, 2023	3.5516	(1.4224)
March 1, 2023	4.9740	(3.0502)
December 1, 2022	8.0242	(0.6129)
September 1, 2022	8.6371	(0.3686)
June 1, 2022	9.0057	3.3934
March 1, 2022	5.6123	(0.3977)
December 1, 2021	6.0100	1.1355
September 1, 2021	4.8745	(0.2017)

\*Mcf – thousand cubic feet

**(g) Utility Plant**

Utility plant is stated at original cost. The cost of additions, replacements, and betterments of units of property is capitalized and included in the utility plant accounts in the balance sheets. The cost of property sold or retired is removed from the utility plant accounts and accumulated depreciation. Normal repairs, maintenance, the cost of minor property items, and expenses associated with retirements are charged to operating expenses as incurred.

In a previous rate order, the PGC disallowed the accrual of the net negative salvage component in depreciation. Cost of removal in the amounts of \$9.2 million and \$5.4 million was charged to expense as incurred in FY 2023 and FY 2022, respectively, and is included in depreciation in the statements of revenues and expenses and changes in net position. Depreciation is calculated on an asset-by-asset basis on the estimated useful lives of plant and equipment on a straight-line method. The composite rate for both FY 2023 and FY 2022 was 2.1%. The composite rates are supported by a depreciation study of utility plant as of August 2020. The effective composite depreciation rates, as a percentage of cost, for FY 2023 were as follows:

Production plant	1.3 %
Transmission, distribution, and storage	1.9 %
General plant	3.1 %

(Continued)

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The most recent depreciation study was completed in FY 2020 for the plant activity subsequent to the last depreciation study and through FY 2019. It is anticipated that PGW will complete the next depreciation study in FY 2025 for the plant activity subsequent to the last depreciation study and through FY 2024.

Allowance for Funds Used During Construction (AFUDC) is an estimate of the cost of funds used for construction purposes. The AFUDC, as calculated on borrowed funds, reduces interest expense. In FY 2022, PGW implemented GASB 89 which required interest cost incurred before the end of a construction period to be recognized as an expense in the period in which the cost is incurred. Beginning on September 1, 2021, PGW no longer capitalizes AFUDC. PGW did not retrospectively apply the new GASB for FY 2021 and prior.

The following is a summary of utility plant activity for the fiscal years ended August 31, 2023 and 2022 (thousands of U.S. dollars):

	<b>August 31, 2023</b>			
	<b>Beginning balance</b>	<b>Additions and transfers</b>	<b>Retirements and transfers</b>	<b>Ending balance</b>
Capital assets not being depreciated:				
Land	\$ 5,595	—	—	5,595
Under construction	141,469	150,225	(129,943)	161,751
Total capital assets not being depreciated	147,064	150,225	(129,943)	167,346
Other capital assets:				
Distribution and collection systems	2,213,798	98,652	(1,915)	2,310,535
Buildings and equipment (including software)	591,502	31,457	(36,620)	586,339
Leased assets	1,202	79,746	(597)	80,351
Software subscription assets	8,438	620	(923)	8,135
Total other capital assets	2,814,940	210,475	(40,055)	2,985,360
Less accumulated depreciation for:				
Distribution and collection systems	(1,035,533)	(44,241)	1,312	(1,078,462)
Buildings and equipment (including software)	(263,755)	(14,253)	26,792	(251,216)
Leased assets	(854)	(2,231)	597	(2,488)
Software subscription assets	(4,053)	(1,941)	923	(5,071)
Total accumulated depreciation	(1,304,195)	(62,666)	29,624	(1,337,237)
Utility plant, net	\$ 1,657,809	298,034	(140,374)	1,815,469

(Continued)

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- \* Cost of removal of approximately \$9.2 million was charged to depreciation as incurred in FY 2023 and is not included in accumulated depreciation.

	<b>August 31, 2022</b>			
	<b>Beginning balance</b>	<b>Additions and transfers</b>	<b>Retirements and transfers</b>	<b>Ending balance</b>
Capital assets not being depreciated:				
Land	\$ 5,595	—	—	5,595
Under construction	105,321	151,129	(114,981)	141,469
Total capital assets not being depreciated	110,916	151,129	(114,981)	147,064
Other capital assets:				
Distribution and collection systems	2,110,072	107,329	(3,603)	2,213,798
Buildings and equipment (including software)	584,388	8,246	(1,132)	591,502
Leased assets	2,541	118	(1,457)	1,202
Software subscription assets	—	8,438	—	8,438
Total other capital assets	2,697,001	124,131	(6,192)	2,814,940
Less accumulated depreciation for:				
Distribution and collection systems	(991,131)	(42,791)	(1,611)	(1,035,533)
Buildings and equipment (including software)	(248,382)	(14,969)	(404)	(263,755)
Leased assets	(1,696)	(615)	1,457	(854)
Software subscription assets	—	(4,053)	—	(4,053)
Total accumulated depreciation	(1,241,209)	(62,428)	(558)	(1,304,195)
Utility plant, net	\$ 1,566,708	212,832	(121,731)	1,657,809

- \* Cost of removal of approximately \$5.4 million was charged to depreciation as incurred in FY 2022 and is not included in accumulated depreciation.

(Continued)

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The following is a summary of the amount of lease assets by major classes of assets as of August 31, 2023 and 2022 (thousands of U.S. dollars):

	<b>Ending balance as of August 31,</b>	
	<b>2023</b>	<b>2022</b>
Lease equipment	\$ 2,399	1,101
Less accumulated depreciation	(929)	(759)
Total lease equipment, net	1,470	342
Lease building	77,952	101
Less accumulated depreciation	(1,559)	(95)
Total lease building, net	76,393	6
Total lease assets less accumulated depreciation	\$ 77,863	348

**(h) Revenue Recognition**

The Company is primarily a natural gas distribution company. Operating revenues include revenues from the sale of natural gas to residential, commercial, and industrial heating and non-heating customers. The Company also provides natural gas transportation services on behalf of outside natural gas providers. Appliance and other revenues primarily consist of revenue from the Company's parts and labor repair program. Revenue from this program is recognized on a monthly basis for the life of the individual parts and labor plans. Additional revenue is generated from collection fees, reconnection charges, and bulk liquefied natural gas sales contracts. Other operating revenues primarily consist of finance charges assessed on delinquent accounts.

In 2012, Act 11 was enacted by the Pennsylvania Legislature, which permitted public utilities to file a request with the PUC for the implementation of a Distribution System Improvement Charge (DSIC). A DSIC permits natural gas distribution companies to recover the costs related to main and service replacement not already recovered in base rates. This legislation provides utility companies with a supplemental recovery mechanism for costs related to incremental/accelerated distribution system repair, improvement, and replacement. Act 11 permits gas utilities to recover 5.0% of their nongas revenues via the recovery mechanism and permits greater percentage increases if the PUC approves. The Company started billing customers a DSIC surcharge as of July 1, 2013. On September 1, 2015, PGW proposed an increase in the DSIC from 5.0% to 7.5% of distribution revenues and to levelize and annualize the DSIC. The PUC issued an Order and Opinion granting PGW's request to increase its DSIC to 7.5% on January 28, 2016 which went into effect on February 1, 2016. In FY 2023 and FY 2022, the Company billed customers \$34.6 million and \$36.8 million for the DSIC surcharge, respectively. The DSIC surcharge is fully reconcilable on a calendar year basis.

The Company bills customers for the cost of natural gas and the related costs incurred through the processing, distribution, and delivery of natural gas to residential, commercial, and industrial heating and non-heating customers.

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Revenues include amounts related to gas that has been used by customers but has not yet been billed. Revenues are recognized as gas is distributed. Estimated revenues from gas distributed and unbilled, less estimated uncollectible amounts are accrued and included in operating revenues on the statements of revenues and expenses and changes in net position and were \$8.6 million and \$11.3 million for the years ended August 31, 2023 and 2022, respectively.

**(i) Operating Expenses**

The Company recognizes costs incurred as part of the Company's regular business activities on the statements of revenues and expenses and changes in net position as operating expenses. These costs include field operations, marketing, gas processing, and other similar costs.

Costs incurred that do not involve normal business operations are recognized as nonoperating expenses.

**(j) Provision for Uncollectible Accounts**

The Company estimates its accumulated provision for uncollectible accounts based on a financial analysis and a collectability study performed as of the fiscal year end. For FY 2023 and FY 2022, management has provided an accumulated provision for uncollectible accounts in excess of the collectability study results based on its analysis of historical aging data. The actual results of the Company's collection efforts could differ significantly from the Company's estimate.

Due to the seasonal nature of the business, the Company carries credit balances in accounts receivable primarily as a result of prepayment by budget customers. Credit balances of \$28.2 million and \$32.1 million as of August 31, 2023 and 2022, respectively, have been reclassified to accounts payable in the balance sheets.

**(k) Gas Inventories, Materials, and Supplies**

Gas inventories, materials, and supplies, consisting primarily of fuel stock, gas stored to meet peak demand requirements, and spare parts, are stated at average cost at August 31, 2023 and 2022, as follows (thousands of U.S. dollars):

	2023	2022
Gas inventory	\$ 65,315	81,467
Material and supplies	14,139	11,409
Total	\$ 79,454	92,876

**(l) Unamortized Bond Insurance Costs, Debt Discount, and Premium**

Discounts or premiums and bond insurance costs arising from the sale of revenue bonds are amortized using the interest method over the term of the related bond issue. Other costs of bond issuance are expensed as incurred.

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***(m) Unamortized Losses on Bond Refunding***

Gains and losses on bond refunding are recorded as deferred inflows of resources and deferred outflows of resources, respectively, and amortized, using the interest method, to interest expense over the shorter of the life of the refunding bond issue or the remaining original amortization period.

***(n) Pensions and Postemployment Benefits***

As described in note 10, the City sponsors a single employer defined benefit pension plan, the Philadelphia Gas Works Pension Plan (the Pension Plan), to provide pension benefits for certain current and former PGW employees and their beneficiaries. As described in note 11, PGW sponsors a single employer defined benefit healthcare plan, the Philadelphia Gas Works OPEB Plan (the OPEB Plan), to provide postemployment healthcare and life insurance benefits to substantially all current and former PGW employees and their beneficiaries.

In May 2010, the PUC approved a surcharge proposed by PGW to fund its OPEB liability resulting in charges to customer bills of \$16.0 million annually, and required PGW to use that \$16.0 million and an additional \$2.5 million of its resources to contribute \$18.5 million to the Trust in each of the years 2011 through 2015. The Trust, which is irrevocable, was established on July 13, 2010 to receive these and other contributions from PGW. In July 2015, the PUC approved the continuance of the OPEB surcharge beyond August 31, 2015. The Trust is managed by five Trustees, consisting of the City of Philadelphia Director of Finance; the Chief Finance Officer of PGW; the Vice President of Human Resources of PGW; the Chair of the Finance Committee of the Philadelphia Facilities Management Corporation Board (PFMC), which serves as the Board of Directors for PGW; and the President of Gas Works Employees Union of Philadelphia, Local 686, representing the majority of PGW's bargaining unit employees. The Trust exists to accumulate assets for the Plan, and the Trust does not independently have the capacity to raise funds. Responsibility for determining and funding the benefits rests with PGW management.

For purposes of measuring the net pension and OPEB liabilities, deferred outflows of resources and deferred inflows of resources related to the Pension and OPEB Plans, and the Pension and OPEB Plans expense, information about the fiduciary net position of the Pension Plan and OPEB Plan, and additions to or deductions from the Pension and OPEB Plans' fiduciary net position are determined on the same basis as they are reported by the Pension and OPEB Plans. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value. With the exception of deferred outflows of resources related to employer contributions made after the measurement date, deferred inflows and outflows of resources related to the Pension and OPEB Plans are amortized over a closed five-year period or the average remaining service life of employees in the pension plan. Deferred outflows of resources related to employer contributions made after the measurement date will be recognized as a reduction of the net liability in the next fiscal year.

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**(o) Fair Value Measurements**

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the financial statement measurement date. The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels as follows:

- Level 1 – quoted prices for identical assets or liabilities in active markets that a government can access at the measurement date.
- Level 2 – quoted prices other than those included within Level 1 and other inputs that are observable for an asset or liability, either directly or indirectly.
- Level 3 – pricing inputs are unobservable for the asset or liability and include situations where there is little, if any, market activity or involvement.

The fair value hierarchy gives the highest priority to Level 1 inputs and the lowest priority to Level 3. When the fair value of an asset or a liability is measured using inputs from more than one level of the fair value hierarchy, the measurement is considered to be based on the lowest priority level that is significant to the entire measurement.

The categorization of a financial instrument within the hierarchy is based upon pricing transparency and is not necessarily an indication of the Company's perceived risk of that instrument.

The following is a description of the valuation methodologies used for investments measured at fair value:

- U.S. government obligations – The fair value of government obligations are based on institutional bond quotes and evaluations based on various market and industry inputs and are primarily considered Level 1 inputs.
- U.S. government agencies and instrumentalities – The fair value of government agencies and instrumentalities are based on institutional bond quotes and evaluations based on various market and industry inputs and are primarily considered Level 2 inputs.
- Corporate obligations – The fair value of corporate bonds are based on institutional bond quotes and evaluations based on various market and industry inputs and are primarily considered Level 2 inputs.
- Foreign obligations – The fair value of foreign bonds are based on institutional bond quotes and evaluations based on various market and industry inputs and are primarily considered Level 2 inputs.

**(p) Cash, Cash Equivalents, and Short-Term Investments**

For the purpose of reporting cash and cash equivalents, all highly liquid investments with original maturities of three months or less are considered cash equivalents, except those held for long-term purposes in the Sinking Fund Reserve, Workers' Compensation Escrow Fund, and Capital Improvement Fund as described in note 3.

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**(q) Reserve for Injuries and Damages**

The Company is principally insured through insurance carriers. However, the Company is required to cover settlement of claims, which are excluded under the provisions of such insurance policies. An estimated liability has been established, in accordance with PGC regulations, for settlements to be paid by the Company in the next fiscal year.

Estimated losses from claims for occurrences not covered by insurance, which will not be paid in the next fiscal year, have been accrued. Such liabilities have been established based upon Company history and consultation with counsel. Such expenses are expected to be recovered through future rates. Reductions to the reserve are made as claims are settled.

**(r) Segment Information**

All of the Company's assets and operations are employed in only one segment, local transportation, and distribution of natural gas in the City.

**(s) Pollution Remediation**

The Company estimates its pollution remediation obligation using the expected cash flow method, in which measurement is based on the outlays expected to be incurred as a sum of probability weighted amounts in a range of possible estimated amounts. The Company's liability is based on a combination of internal and external cost estimates for the specific remediation activities agreed to as part of Pennsylvania Act 2, Land Recycling and Environmental Remediation Standards Act of 1995 and Pennsylvania Act 32, Storage Tank and Spill Prevention Act of 1989.

Estimated site liabilities are determined based upon existing remediation laws and technologies, specific site consultants' engineering studies, or by extrapolating experience with environmental issues at comparable sites. Estimates may change substantially as additional information becomes available regarding the level of contamination at specific sites, available remediation methods, and changes in price, technology, proposed land use, or applicable regulations.

**(t) Estimates**

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates in the Company's financial statements include the accumulated provision for uncollectible accounts, the fair value of interest rate swap agreements, the self-insurance liability, and the valuation of total pension and OPEB liabilities.

**(u) Pronouncements Effective in the Current Year**

GASB Statement No. 91, *Conduit Debt Obligation* (GASB 91), provides a single method of reporting conduit debt obligations by issuers and eliminates diversity in practice associated with commitments extended by issuers, arrangements associated with conduit debt obligations, and related note disclosures. Under this statement, a conduit obligation is defined as a debt instrument where (1) three parties involved, (2) the issuer and the third-party obligor are not within the same financial reporting

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entity, (3) the debt obligation is a not parity bond of the issuer, nor is it cross collateralized with other debt, (the third-party obligor or its agent, not the issuer, receives the proceeds from the debt issuance, 5) the third-party obligor, not the issuer, is primary obligated for the payment of all amounts associated with the debt obligation. GASB 91 requires issuers to disclose general information about their conduit debt obligations, organized by type of commitment, including the aggregate outstanding principal amount of the issuers' conduit debt obligations and a description of each type of commitment. As originally scheduled, certain accounting and financial reporting provisions of GASB 91 would have taken effect for periods beginning after December 15, 2020 (the Company's fiscal year ending August 31, 2023). GASB 95 postponed, the effective date of GASB 91 by twelve months and the requirements of GASB 91 have now taken effect for periods beginning after December 15, 2021 the Company's fiscal year ending August 31, 2023). The adoption of GASB 91 had no impact on PGW's current accounting practices nor its financial reporting.

GASB Statement No. 93, *Replacement of Interbank Offered Rates* (GASB 93), establishes accounting and financial reporting requirements related to the replacement of interbank offered rates (IBORs) in hedging derivative instruments and leases. It also identifies appropriate benchmark interest rates for hedging derivative instruments. Some governments have entered into agreements in which variable payments made or received depend on an interbank offered rate IBOR - most notably, the London Interbank Offered Rate (LIBOR). As a result of global reference rate reform, LIBOR is expected to cease to exist in its current form, prompting governments to amend or replace financial instruments for the purpose of replacing LIBOR with other reference rates by either (a) changing the reference rate or (b) adding or changing fallback provisions related to the reference rate. As originally scheduled, certain accounting and financial reporting provisions of GASB 93 would have taken effect for periods beginning after June 15, 2020 (the Company's fiscal year ending August 31, 2021). GASB 95 postpones the effective date of GASB 93 by twelve months and the requirements of GASB 93 will now take effect for periods beginning after June 15, 2021 (the Company's fiscal year ending August 31, 2022). However, GASB Statement No. 99, *Omnibus* (GASB 99), offers an extension of the use of LIBOR. GASB 93 will now take effect for fiscal years beginning after June 15, 2023 (the Company's fiscal year ending August 31, 2024). The early adoption of GASB 93 did not have a material impact on the financial statements.

GASB Statement No. 94, *Public Private and Public Partnerships and Availability Payment Arrangements* (GASB 94), improves financial reporting by addressing issues related to public private and public partnership arrangements (PPPs). A PPP is an arrangement in which a government (the transferor) contracts with an operator (a governmental or nongovernmental entity) to provide public services by conveying control of the right to operate or use a nonfinancial asset, such as infrastructure or other capital asset (the underlying PPP asset), for a period, in an exchange or exchange like transaction. This Statement also provides guidance for accounting and financial reporting for availability payment arrangements (APAs). An APA is an arrangement in which a government compensates an operator for services that may include designing, constructing, financing, maintaining, or operating an underlying nonfinancial asset for a period in an exchange or exchange like transaction. The requirements of this Statement are effective for periods beginning after June 15, 2022 (the Company's fiscal year ending August 31, 2023). The adoption of GASB 94 had no impact on PGW's current accounting practices nor its financial reporting.

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GASB Statement No. 96, *Subscription Based Information Technology Arrangements* (GASB 96), provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right to use subscription asset – an intangible asset – and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. The requirements of this Statement are effective for periods beginning after June 15, 2022 (the Company’s fiscal year ending August 31, 2023). PGW’s 2022 audited financial statements have been restated to reflect both SBITA assets and SBITA liabilities related to its subscription activities.

As a result of the adoption of GASB 96, the following adjustments were made to the opening unrestricted net position as of September 1, 2021 (thousands of U.S. dollars):

	<b>Originally reported, August 31, 2021</b>	<b>As adjusted, September 1, 2021</b>
Utility plant, software subscription assets	\$ —	8,310
Accumulated depreciation, software subscription assets	—	(2,031)
Other current assets	12,738	11,697
Current portion of software subscription liabilities	—	(1,749)
Long-term software subscription liabilities	—	(3,626)
Net investment in capital assets	(591,091)	(597,498)
Unrestricted net position	251,462	258,006

For the year ended August 31, 2022, previously reported amounts on the Statements of Revenues and Expenses and Changes in Net Position changed as a result of the implementation of GASB 96 as follows (thousands of U.S. dollars):

	<b>Originally reported, August 31, 2022</b>	<b>As adjusted, August 31, 2022</b>
Field operations	\$ 80,640	79,542
Customer services	13,996	12,825
Administrative and general	64,982	64,535
Depreciation	70,319	72,342
Other interest expense	(7,693)	(7,447)

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As of and for the year ended August 31, 2022, previously reported amounts on the balance sheet changed as a result of the implementation of GASB 96 as follows (thousands of U.S. dollars):

	<b>Originally reported, August 31, 2022</b>	<b>As adjusted, August 31, 2022</b>
Other current assets	\$ 16,640	16,191
Utility plant, software subscription assets	—	8,438
Accumulated depreciation, software subscription assets	—	(4,053)
Current portion of software subscription liabilities	—	(1,856)
Long-term software subscription liabilities	—	(1,770)
Net investment in capital assets	(674,529)	(678,913)
Unrestricted net position	159,345	163,419

**(v) Pronouncements Effective in Future Years**

*(i) Effective for the Year Ending August 31, 2024*

GASB Statement No. 99, *Omnibus* (GASB 99), establishes or amends accounting and financial reporting requirements for specific issues related to financial guarantees, derivative instruments, leases, public-public and public-private partnerships (PPPs), subscription-based information technology arrangements (SBITAs), the transition from the London Interbank Offered Rate (LIBOR), the Supplemental Nutrition Assistance Program (SNAP) (formerly, food stamps), nonmonetary transactions, pledges of future revenues, the focus of government-wide financial statements, and terminology. The requirements of this Statement apply to the financial statements of all state and local governments. The requirements of this Statement are effective for fiscal years beginning after June 15, 2023. (the Company's fiscal year ending August 31, 2024). The Company early adopted financial reporting requirements regarding SBITAs and LIBOR and is currently evaluating the impact of the remaining parts of GASB 99 on its financial statements.

GASB Statement No. 100, *Accounting Changes and Error Corrections – an amendment of GASB Statement No. 62* (GASB 100), supersedes Statement No. 62 and establishes accounting and financial reporting requirements for (a) accounting changes and (b) the correction of an error in previously issued financial statements (error correction). The requirements of this Statement do not apply to the initial application of U.S. generally accepted accounting principles (GAAP) established by the GASB as a financial reporting framework in circumstances in which a government is asserting for the first time that its financial statements are prepared in accordance with U.S. GAAP established by the GASB. The requirements of this Statement apply to the financial statements of all state and local governments. The requirements of this Statement are effective for fiscal years beginning after June 15, 2023. (the Company's fiscal year ending August 31, 2024). The Company is currently evaluating the impact of GASB 100 on its financial statements.

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(ii) *Effective for the Year Ending August 31, 2025*

GASB Statement No. 101, *Compensated Absences* (GASB 101), establishes standards of accounting and financial reporting for (a) compensated absences and (b) associated salary-related payments, including certain defined contribution pensions and defined contribution other postemployment benefits (OPEB). The requirements of this Statement apply to the financial statements of all state and local governments. The objective of this Statement is to better meet the information needs of financial statement users by updating the recognition and measurement guidance for compensated absences. The requirements of this Statement are effective for fiscal years beginning after December 15, 2023. (the Company's fiscal year ending August 31, 2025). The Company is currently evaluating the impact of GASB 101 on its financial statements.

**(2) Ownership and Management and Related-Party Transactions and Balances**

The Company is accounted for as a component unit of the City. As of January 1, 1973, under the terms of a two-year agreement automatically extended for successive two-year periods unless canceled upon 90 days' notice by the City, the Company is being managed by the Philadelphia Facilities Management Corporation (PFMC). The agreement, as amended, provides for reimbursement to PFMC of actual costs incurred in managing the Company, not to exceed a total of the prior fiscal year's maximum amount adjusted to reflect the percentage change in the Consumer Price Index for All Urban Consumers (CPI-U) All Items Index, Philadelphia, Pennsylvania, United States Department of Labor, Bureau of Labor Statistics, as most recently published and available to the Director of Finance of the City on March 1 of each such fiscal year. In FY 2023 and FY 2022, the applicable maximum amount was calculated to be \$1.6 million and \$1.5 million, respectively. The agreement requires the Company to make annual payments of \$18.0 million to the City. In FY 2023 and FY 2022, the Company made the annual payment of \$18.0 million to the City.

The Company engages in various other transactions with the City. The Company provides gas service to the City. Operating revenues include \$30.2 million and \$27.1 million in FY 2023 and FY 2022, respectively, relating to sales to the City. Net amounts receivable from the City were \$12.9 million and \$2.5 million at August 31, 2023 and 2022, respectively. Water and sewer services and licenses are purchased from the City. Such purchases totaled \$1.5 million and \$1.8 million in FY 2023 and FY 2022, respectively.

Certain activities of the PGC are paid for by the Company. Such payments totaled \$1.0 million in FY 2023 and \$0.7 million in FY 2022.

**(3) Cash, Cash Equivalents, and Short-Term Investments**

**(a) Cash, Cash Equivalents, and Short-Term Investments**

Cash and cash equivalents consist primarily of bank deposits, money market accounts, and investments purchased through various brokerage relationships. Bank balances of such deposits, accounts, and investments at August 31, 2023 and August 31, 2022 were \$139.3 million and \$115.6 million, respectively. Book balances of such deposits and accounts at August 31, 2023 and August 31, 2022 were \$139.3 million and \$115.6 million, respectively. Short-term investments with a carrying amount (at fair value) of \$94.7 million and \$108.2 million at August 31, 2023 and August 31, 2022, respectively, are included in the balances presented above. Federal depository insurance on these balances at August 31, 2023 and August 31, 2022 was \$0.4 million and \$0.7 million, respectively.

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The remaining balances are not insured. Investments are primarily in money market accounts, Treasury Obligations, U.S. government agencies and instrumentalities, and corporate obligations (short-term investments).

The following is a schedule that details the Company's short-term investments and investment maturities (thousands of U.S. dollars):

Investment type	2023 Investment Maturities (In Years)				
	Fair value	<1	1-5	6-10	>10
Treasury obligations	\$ 41,636	41,636	—	—	—
U.S. government agencies	17,906	17,906	—	—	—
Corporate obligations	4,992	4,992	—	—	—
Commercial paper	30,172	30,172	—	—	—
Total fair value of investments	\$ 94,706	94,706	—	—	—

Investment type	2022 Investment Maturities (In Years)				
	Fair value	<1	1-5	6-10	>10
Treasury obligations	\$ 65,306	65,306	—	—	—
U.S. government agencies	18,957	18,957	—	—	—
Commercial paper	22,670	22,670	—	—	—
Money market mutual funds	1,256	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 108,189	106,933	—	—	—

The following table is a schedule that details the fair value hierarchy of the Company's short-term investments (thousands of U.S. dollars):

Investment type	August 31, 2023			
	Total fair value	Level 1	Level 2	Level 3
Treasury obligations	\$ 41,636	41,636	—	—
U.S. government agencies	17,906	—	17,906	—
Corporate obligations	4,992	4,992	—	—
Commercial paper	30,172	30,172	—	—
Total fair value of investments	\$ 94,706	76,800	17,906	—

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Investment type	August 31, 2022			
	Total fair value	Level 1	Level 2	Level 3
Treasury obligations	\$ 65,306	65,306	—	—
U.S. government agencies	18,957	—	18,957	—
Commercial paper	22,670	22,670	—	—
Money market mutual funds	1,256	1,256	—	—
Total fair value of investments	\$ 108,189	89,232	18,957	—

**(b) Sinking Fund Reserve, Capital Improvement Fund, and Workers' Compensation Escrow**

The investments in the Company's Sinking Fund Reserve, Capital Improvement Fund and Workers' Compensation Escrow Fund consist primarily of U.S. Treasury and government agency obligations, corporate obligations, municipal obligations, and money market accounts. These investments are maintained by the City or in the Company's name by its agent.

The Sinking Fund Reserve is required by bond ordinance to hold an amount equal to the greatest amount of debt service required by bonds secured by the Sinking Fund Reserve in any fiscal year. The balance of the Company's Sinking Fund Reserve at August 31, 2023 and 2022 was \$109.6 million and \$106.2 million, respectively. Interest income on these funds, to the extent not drawn, is reflected as an increase in the Sinking Fund Reserve and approximated \$1.3 million in FY 2023 and \$0.2 million in FY 2022.

The balance in the Capital Improvement Fund at August 31, 2023 and 2022 was \$43.7 million and \$112.7 million, respectively. Interest income on these funds, to the extent not drawn, is reflected as an increase in the Capital Improvement Fund and was approximately \$1.0 million in FY 2023 and \$0.4 million in FY 2022. PGW withdrew \$81.0 million during FY 2023 and \$72.0 million during FY 2022 to finance various capital projects.

Pursuant to the Pennsylvania Department of Labor and Industry Bureau of Workers' Compensation Self-Insurance policy, the Company has established and maintained a restricted trust account. As of August 31, 2023 and 2022, the trust account balances were \$2.8 million and \$2.7 million, respectively.

Investments are recorded at fair value except for certain money market funds recorded at amortized cost. The adjustment to the fair value for the Sinking Fund Reserve, Capital Improvement Fund, and Workers' Compensation Escrow Fund resulted in gains/(losses) of \$3.2 million and (\$2.2) million in FY 2023 and FY 2022, respectively.

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The following tables are schedules that detail the Company's investments and investment maturities in the Sinking Fund Reserve (thousands of U.S. dollars):

Investment type	2023 Investment Maturities (In Years)				
	Fair value	<1	1-5	6-10	>10
Treasury obligations	\$ 27,824	20,998	6,826	—	—
U.S. government agencies	42,250	12,972	29,278	—	—
Corporate obligations	8,241	5,421	2,820	—	—
Foreign obligations	3,442	2,021	1,421	—	—
Commercial paper	27,610	27,610	—	—	—
Money market mutual funds	214	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 109,581	69,022	40,345	—	—

Investment type	2022 Investment Maturities (In Years)				
	Fair value	<1	1-5	6-10	>10
Treasury obligations	\$ 57,470	—	57,470	—	—
U.S. government agencies	18,752	2,457	16,295	—	—
Corporate obligations	13,250	13,250	—	—	—
Commercial paper	15,019	15,019	—	—	—
Money market mutual funds	1,697	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 106,188	30,726	73,765	—	—

The following tables are schedules that detail the Company's investments and investment maturities in the Capital Improvement Fund (thousands of U.S. dollars):

Investment type	2023 Investment Maturities (In Years)				
	Fair value	<1	1-5	6-10	>10
Treasury obligations	\$ 42,784	42,784	—	—	—
Commercial paper	900	900	—	—	—
Money market mutual funds	46	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 43,730	43,684	—	—	—

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Investment type	Fair value	2022 Investment Maturities (In Years)			
		<1	1-5	6-10	>10
Treasury obligations	\$ 80,456	80,456	—	—	—
Corporate obligations	3,729	3,729	—	—	—
Foreign obligations	250	250	—	—	—
Municipal obligations	6,147	6,147	—	—	—
Commercial paper	13,947	13,947	—	—	—
Money market mutual funds	8,144	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 112,673	104,529	—	—	—

The following is a schedule that details the Company's investments and investment maturities in the Workers' Compensation Escrow Fund (thousands of U.S. dollars):

Investment type	Fair value	2023 Investment Maturities (In Years)			
		<1	1-5	6-10	>10
Treasury obligations	\$ 2,656	2,656	—	—	—
Money market mutual funds	113	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 2,769	2,656	—	—	—

Investment type	Fair value	2022 Investment Maturities (In Years)			
		<1	1-5	6-10	>10
Treasury obligations	\$ 2,666	2,666	—	—	—
Money market mutual funds	1	N/A	N/A	N/A	N/A
Total fair value of investments	\$ 2,667	2,666	—	—	—

The following tables are schedules that detail the fair value hierarchy of the Company's investments in the Sinking Fund Reserve (thousands of U.S. dollars):

Investment type	August 31, 2023			
	Total fair value	Level 1	Level 2	Level 3
Treasury obligations	\$ 27,824	27,824	—	—
U.S. government agencies	42,250	—	42,250	—
Corporate obligations	8,241	—	8,241	—
Foreign obligations	3,442	—	3,442	—
Commercial paper	27,610	27,610	—	—
Money market mutual funds	214	214	—	—
Total fair value of investments	\$ 109,581	55,648	53,933	—

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<b>August 31, 2022</b>				
<b>Investment type</b>	<b>Total fair value</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Treasury obligations	\$ 57,470	57,470	—	—
U.S. government agencies	18,752	—	18,752	—
Corporate obligations	13,250	—	13,250	—
Commercial paper	15,019	15,019	—	—
Money market mutual funds	1,697	1,697	—	—
Total fair value of investments	\$ 106,188	74,186	32,002	—

The following table is a schedule that details the fair value hierarchy of the Company's investments in the Capital Improvement Fund (thousands of U.S. dollars):

<b>August 31, 2023</b>				
<b>Investment type</b>	<b>Total fair value</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Treasury obligations	\$ 42,784	41,884	900	—
Commercial paper	900	900	—	—
Money market mutual funds	46	46	—	—
Total fair value of investments	\$ 43,730	42,830	900	—

<b>August 31, 2022</b>				
<b>Investment type</b>	<b>Total fair value</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Treasury obligations	\$ 80,456	80,456	—	—
Corporate obligations	3,729	—	3,729	—
Foreign obligations	250	—	250	—
Municipal obligations	6,147	—	6,147	—
Commercial paper	13,947	13,947	—	—
Money market mutual funds	8,144	8,144	—	—
Total fair value of investments	\$ 112,673	102,547	10,126	—

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The following tables are schedules that detail the fair value hierarchy of the Company's investments in the Workers' Compensation Escrow Fund (thousands of U.S. dollars):

<u>Investment type</u>	<b>August 31, 2023</b>			
	<b>Total fair value</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Treasury obligations	\$ 2,656	2,656	—	—
Money market mutual funds	113	113	—	—
Total fair value of investments	<u>\$ 2,769</u>	<u>2,769</u>	<u>—</u>	<u>—</u>

<u>Investment type</u>	<b>August 31, 2022</b>			
	<b>Total fair value</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Treasury obligations	\$ 2,666	2,666	—	—
Money market mutual funds	1	1	—	—
Total fair value of investments	<u>\$ 2,667</u>	<u>2,667</u>	<u>—</u>	<u>—</u>

**(c) Interest Rate Risk**

It is the policy of the City to diversify its investment portfolios. Portfolio diversification is employed as a way to control risk. Investments shall be diversified as to maturities and as to kind of investments to minimize the risk of loss, which might result from over concentration of assets in a specific maturity, in a specific kind of a security, or from a specific issuer or industry.

**(d) Credit Risk**

The City has adopted an investment policy relating to the investments of the Company. Per the investment policy, the Company's allowable investments are as follows:

- Bonds or notes of the U.S. government.
- U.S. Treasury obligations, including separate trading of registered interest and principal securities; receipts indicating an undivided interest in such U.S. Treasury obligations; and stripped coupons held under book entry with the New York Federal Reserve Bank.
- Investments in U.S. treasury and U.S. agency floating rate securities are allowed. The maturity limitation is two years and ten days from the trade date.
- Obligations of the following U.S. government sponsored agencies: Government National Mortgage Association (GNMA), Federal National Mortgage Association (FNMA), Federal Home Loan Mortgage Corporation (FHLMC), Federal Farm Credit System, Federal Home Loan Bank, Resolution Funding Corporation, and Tennessee Valley Authority.

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- Collateralized banker's acceptances and certificate of deposit denominated in U.S. dollars and issued by a city code authorized depository certificates of deposit that must be secured by acceptable collateral with a total market value equal to 102.0% of the deposit.
- Commercial paper with a stated maturity of 397 days or less, which is rated P1 by Moody's or A1+ by Standard & Poor's (S&P). The senior long-term debt of the commercial paper issuer, or the entity providing an explicit guarantee, must be rated not lower than A2 by Moody's or A by S&P.
- Asset backed commercial paper (ABCP), which does not have a long-term rating, is an allowable investment if it meets the short-term rating requirements but is only allowed up to the ABCP sublimit.
- General obligation bonds of corporations rated Aa2 or better by Moody's or AA or better by S&P with a final maturity of two years or less.
- Collateralized mortgage obligations and pass through securities directly issued by a federal agency or instrumentality of the United States, the underlying security for which is guaranteed by an agency or instrumentality of the United States and with a final maturity of two years or less, the rating must be no lower than Aa2 by Moody's or AA by S&P.
- Money market mutual funds, as defined by the Securities and Exchange Commission, such money market funds must have assets over \$15.0 billion, have the highest rating from Moody's, S&P, and Fitch, and contain only government securities.
- Repurchase agreements that are fully collateralized in bonds or notes of the U.S. government pledged to the City and held in the City's name and deposited at the time the investment is made with an entity or a third-party selected and approved by the City the market value of the collateral shall be at least 102.0% of the funds being disbursed.
- Obligations of the Commonwealth of Pennsylvania (the Commonwealth) or any municipality or other political subdivision of the Commonwealth with a final maturity of two years or less and a rating of at least 'A' by Moody's or S&P provided that the entity has no NSRO taking lower than 'A'.

The Company's investments as of August 31, 2023 and 2022 were in compliance with the investment policy and were at investment grade or better.

Authorized investments for Sinking Fund Portfolios are dictated by the First Class City Revenue Bond Act of the General Assembly of the Commonwealth of Pennsylvania, approved October 18, 1972. This also includes any investment vehicle permitted for any Commonwealth state agency.

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The Company's investment policy provides for the following percentage limitations of authorized investments, valued at market:

	<u>Percent of portfolio allowed</u>	<u>Percent of portfolio per issuer</u>	<u>Percent of outstanding securities per issuer</u>
U.S. government Treasury obligations	100	100	N/A
U.S. agencies and instrumentalities	100	33	N/A
Banker's acceptances and certificates of deposit	15	3	3
Commercial paper	30	3	3
Corporate bonds	30	3	3
Collateralized mortgage obligations and pass-through securities	5	3	3
Commonwealth of PA and subdivisions of Commonwealth of PA	15	3	3
Money market mutual funds	25	10	3
Repurchase agreements	25	10	N/A

Approximately 94.7% of the Company's short-term investments as of August 31, 2023 are in the following: U.S. Treasury bills (44.0%), Commercial Paper (31.9%), and Federal Home Loan Bank Bonds (18.9%). These investments are in accordance with the investment policy.

**(e) Custodial Credit Risk**

The Company has selected, as custodial bank, a member of the Federal Reserve System, to hold its investments. Delivery of the applicable investment documents to the Company's custodian is required for all investments. For secured transactions, such as repurchase agreements, either the title to or a perfected security interest in the securities, along with any necessary transfer documents, must be transferred to the custodian. Such transactions will always use delivery versus payment procedures.

**(4) Recoverable Costs**

In compliance with orders issued by the PGC, the cost of projects that produce benefits over an extended period is recorded on the balance sheets as a recoverable cost in other assets. There is no return on the asset being charged to the customers. The unamortized costs included in other noncurrent assets were \$0.6 million and \$0.2 million as of August 31, 2023 and 2022, respectively.

The Company has recognized the long-term portion of its environmental remediation liability as a regulatory asset, because based on available evidence, it is probable that the previously incurred costs will be recovered through rates. The Company estimates additional expenditures to be approximately \$23.6 million.

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The Company has recognized COVID-19 pandemic expenses as a regulatory asset because it is probable that the previously incurred costs will be recovered through rates. COVID-19 pandemic costs, provisions for uncollectible accounts, and waived reconnection and finance charges were de minimis in FY 2023 and \$0.1 million in FY 2022 and recorded on the balance sheets as a recoverable cost in other noncurrent assets. In May 2023, PGW received \$0.2 million from Federal Emergency Management Agency (FEMA) which was used to offset a portion of the pandemic expenses. In June 2022, PGW received \$2.0 million from Commonwealth of Pennsylvania which was used to offset a portion of the pandemic expenses. The recoverable pandemic costs reported in other noncurrent assets were \$30.5 million and \$30.7 million as of August 31, 2023 and 2022, respectively.

**(5) Deferred Compensation Plan**

The Company offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all Company employees with at least 30 days of service, permits them to defer a portion of their salary until future years. The Company provides an annual 50.0% matching contribution of applicable wages, up to a maximum of \$1,000, that immediately vests to the employee. The Company contributed \$1.1 million and \$0.4 million in FY 2023 and in FY 2022, respectively. PGW's contributions are accounted for as part of administrative and general expenses on the statements of revenues and expenses and changes in net position.

**(6) Notes Payable**

Pursuant to the provisions of the City of Philadelphia Note Ordinances, PGW may issue short-term notes to either support working capital requirements or pay the costs of certain capital projects and other project costs. PGW may issue short-term notes in a principal amount, which, together with interest, may not exceed \$150.0 million outstanding to support working capital requirements. PGW may also issue additional short-term notes in an aggregate principal amount, which may not exceed \$120.0 million outstanding at any time to pay the costs of certain capital projects and other project costs. All notes are supported by a Note Purchase and Credit Agreement and a security interest in PGW's revenues. The Note Purchase and Credit Agreement supporting PGW's combined commercial paper programs set the maximum level of outstanding notes plus interest at \$120.0 million in both 2023 and 2022. The commitment amount is \$120.0 million under the current credit agreement. The expiration date of the credit agreement is June 16, 2026.

There were no Gas Works Revenue Capital Project Commercial Paper Notes (Capital Project Notes) or Gas Works Revenue Notes outstanding at August 31, 2023 and 2022.

**(7) GCR Tariff Reconciliation**

During the fiscal year ended August 31, 2023, the Company's actual gas costs were lower than its billed gas costs by approximately \$47.1 million. This amount was netted with other applicable costs and recorded in other current liabilities on the balance sheet at August 31, 2023. Actual gas costs were \$5.8 million higher than billed gas costs in FY 2022. This amount was netted with other applicable costs and recorded in other current assets on the balance sheet at August 31, 2022.

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**(8) Long-Term Debt and Other Liabilities**

The following summary of long-term debt consists primarily of bonds issued by the City under agreements whereby the Company must reimburse the City for the principal and interest payments required by the bond ordinances for the fiscal years ended August 31, 2023 and 2022 (thousands of U.S. dollars):

	August 31, 2023			August 31, 2022		
	Current portion	Long-term	Total	Current portion	Long-term	Total
Revenue bonds	\$ 60,255	882,995	943,250	53,770	943,250	997,020
Unamortized discount	(4)	(40)	(44)	(4)	(44)	(48)
Unamortized premium	9,858	97,623	107,481	10,437	107,481	117,918
Total revenue bonds	<u>\$ 70,109</u>	<u>980,578</u>	<u>1,050,687</u>	<u>64,203</u>	<u>1,050,687</u>	<u>1,114,890</u>

The following is a summary of activity related to revenue bonds and other liabilities and the respective balances for the fiscal years ended August 31, 2023 and 2022 (thousands of U.S. dollars):

	Year ended August 31, 2023				
	Beginning balance	Additions	Reduction	Ending balance	Due within one year
Revenue bonds	\$ 997,020	—	(53,770)	943,250	60,255
Other liabilities:					
Claims and judgments	\$ 8,252	—	(1,463)	6,789	3,769
Environmental cleanup	28,557	—	(4,947)	23,610	4,178
Interest rate swap liability	6,044	—	(4,147)	1,897	—
Total other liabilities	<u>\$ 42,853</u>	<u>—</u>	<u>(10,557)</u>	<u>32,296</u>	<u>7,947</u>

	Year ended August 31, 2022				
	Beginning balance	Additions	Reduction	Ending balance	Due within one year
Revenue bonds	\$ 1,058,630	—	(61,610)	997,020	53,770
Other liabilities:					
Claims and judgments	\$ 9,981	—	(1,729)	8,252	3,917
Environmental cleanup	28,194	363	—	28,557	2,009
Interest rate swap liability	19,058	—	(13,014)	6,044	—
Total other liabilities	<u>\$ 57,233</u>	<u>363</u>	<u>(14,743)</u>	<u>42,853</u>	<u>5,926</u>

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**(a) Principal Maturities and Scheduled Interest and Swap Payments**

Principal maturities and scheduled interest payments for revenue bonds and estimated payments on the interest rate swaps are as follows (thousands of U.S. dollars):

	<b>Revenue bonds</b>			
	<b>Principal</b>	<b>Interest</b>	<b>Net swap amount</b>	<b>Total</b>
Fiscal year ending				
August 31:				
2024	\$ 60,255	44,117	(152)	104,220
2025	56,480	41,248	(126)	97,602
2026	58,975	38,634	(98)	97,511
2027	59,850	35,907	(68)	95,689
2028	62,570	33,198	(35)	95,733
2029–2033	186,525	132,804	—	319,329
2034–2038	197,690	85,976	—	283,666
2039–2043	122,730	49,708	—	172,438
2044–2048	113,530	21,783	—	135,313
2049–2050	24,645	1,864	—	26,509
Total	<u>\$ 943,250</u>	<u>485,239</u>	<u>(479)</u>	<u>1,428,010</u>

This table assumes that there are no draws on letters of credit supporting variable rate debt issuances resulting in bank bonds. Bank bonds are subject to accelerated payment terms and increased interest rates. Variable rate debt issuances represent \$152.8 million of the outstanding principal at August 31, 2023.

Future debt service is calculated using rates in effect at August 31, 2023 for variable rate bonds, which ranged from 2.96% to 4.47% in the month of August. The variable bond rate was 4.01% as of August 31, 2023. The variable rate received under the swaps is 70% of one month Secured Overnight Financing Rate (SOFR) plus 0.0801% until maturity, which was 3.80% at August 31, 2023.

**(b) Bond Issuances – Refunding of Bonds and Defeasance of Bonds**

*(i) Tenth Series Bonds (1998 Ordinance) Defeasance*

The Company's Eight Series B variable rate bonds are backed by an irrevocable letter of credit, which had an original stated expiration date of August 24, 2024. On July 21, 2022, this letter of credit was extended for an additional four year term from the original stated expiration date resulting in a new stated expiration date of August 12, 2028.

The Company's Eight Series C variable rate bonds are backed by an irrevocable letter of credit. The existing letter of credit was scheduled to expire on September 1, 2022. On July 21, 2022, a replacement letter of credit was issued with an expiration date of August 12, 2028.

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The Company's Eight Series D variable rate bonds are backed by an irrevocable letter of credit, which had an original stated expiration date of August 12, 2023. On July 21, 2022, this letter of credit was extended for an additional five year term from the original stated expiration date resulting in a new stated expiration date of August 12, 2028.

The Company's Eight Series E variable rate bonds are backed by an irrevocable letter of credit, which had an original stated expiration date of August 1, 2024. On July 21, 2022, this letter of credit was extended for an additional four year term from the original stated expiration date resulting in a new stated expiration date of August 12, 2028.

The Company's Fifth Series A 2 variable rate bonds are backed by an irrevocable letter of credit, which had an original stated expiration date of December 21, 2019. On April 22, 2019, this letter of credit was extended for a five year term from the original stated expiration date resulting in a new stated expiration date of December 21, 2024.

In the event that the letter of credit agreements supporting the Eighth and Fifth Series bonds are not extended or replaced prior to their expiration dates, a mandatory tender of the then outstanding bonds will occur. If such mandatory tender results in draws on the letters of credit, the bonds will become bank bonds subject to accelerated payment terms and increased interest rates.

Interest rates and maturities of the outstanding revenue bonds are detailed as follows (thousands of U.S. dollars):

	Interest rates	Maturity date (fiscal year)	Balance outstanding	
			August 31	
			2023	2022
5th Series A-2	Variable *	2035	\$ 30,000	30,000
8th Series B	Variable *	2028	27,370	27,370
8th Series C	Variable *	2028	27,225	27,225
8th Series D	Variable *	2028	40,845	40,845
8th Series E	Variable *	2028	27,370	27,370
13th Series	3.00%–5.00%	2034	119,925	139,215
14th Series	2.00%–5.00%	2038	183,160	208,435
15th Series	2.00%–5.00%	2047	240,855	245,955
16th Series A	4.00%–5.00%	2050	199,854	200,345
16th Series B	4.00%–5.00%	2040	46,655	50,260
			\$ 943,259	997,020

\* As of August 31, 2023, the SOFR based rate was 3.80%

**(c) Debt Coverage and Sinking Fund Requirements**

Under the terms of both general ordinances, the City is required to maintain rates to allow the Company to satisfy 1975 and 1998 revenue bond debt coverage ratio requirements. Upon issuance of the Thirteenth Series Bonds, no debt under the 1975 General Ordinance remains outstanding.

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Also provided by both general ordinances is the establishment of a Revenue Bond Sinking Fund Reserve into which deposits are made in an amount equal to the maximum annual debt service requirement on the bonds of each respective general ordinance in any fiscal year.

Funds in the Revenue Bond Sinking Fund Reserve are to be applied to the payment of debt service if, for any reason, other funds in the Sinking Fund, which operates as a debt service payment fund into which debt service payments are deposited as they come due, should be insufficient.

The revenue bonds are, and will be, equally and ratably collateralized by a security interest in all of the Company's project revenues, as defined in the general ordinances, and monies in the Sinking Fund, including the Sinking Fund Reserve.

Portions of certain revenue bonds were issued as zero-coupon securities. Interest on these securities is accrued and compounded on the payment dates of the current interest bonds within the issue. The accrued interest in the amount of \$6.6 million and \$7.2 million in FY 2023 and FY 2022, respectively, is reported as a component of accrued accounts.

**(d) Interest Rate Swap Agreements**

*Objective* – In January 2006, the City entered into a fixed rate pay or floating rate receiver interest rate swap to create a synthetic fixed rate for the Sixth Series Bonds. The interest rate swap was used to hedge interest rate risk.

*Terms* – The swaps had an original termination date of August 1, 2031, which was subsequently amended to August 1, 2028. The swaps require the City to pay a fixed rate of 3.6745% and receive a variable rate equal to 70.0% of one month SOFR plus 0.0801% until maturity.

In August 2016, the underlying variable rate bonds maturing in FY 2017 through FY 2023 were refunded with fixed rate bonds and the related portions of the swaps, totaling \$102.7 million in notional amount, were terminated. PGW made a termination payment of \$13.9 million to fund this partial termination of the swaps which is included in unamortized loss on bond refunding on the Company's balance sheet.

As of August 31, 2023, the swaps had a notional amount of \$122.8 million and the associated variable rate debt had a \$122.8 million principal amount, broken down by series as follows:

- The Series B swap had a notional amount of \$27.4 million and the associated variable rate bonds had a \$27.4 million principal amount.
- The Series C swap had a notional amount of \$27.2 million and the associated variable rate bonds had a \$27.2 million principal amount.
- The Series D swap had a notional amount of \$40.8 million and the associated variable rate bonds had a \$40.8 million principal amount.
- The Series E swap had a notional amount of \$27.4 million and the associated variable rate bonds had a \$27.4 million principal amount.

The final maturity date for all swaps is August 1, 2028.

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Fair Value – As of August 31, 2023, the swaps had a combined negative fair value of approximately \$1.9 million. The fair values of the interest rate swaps were estimated using the zero coupon method and are classified as Level 2 within the fair value hierarchy as described in note 1. That method calculates the future net settlement payments required by the swap, assuming current forward rates are implied by the current yield curve for hypothetical zero coupon bonds due on the date of each future net settlement on the swaps.

Risks – As of August 31, 2023, the City is not exposed to credit risk because the swaps had a negative fair value. Should interest rates change and the fair value of the swaps become positive, the City would be exposed to credit risk in the amount of the swaps' fair value. The swaps include a termination event additional to those in the standard International Swaps and Derivatives Association, Inc. master agreement based on credit ratings. The swaps may be terminated by the City if the rating of the counterparty falls below A3 or A – (Moody's/S&P), unless the counterparty has (i) assigned or transferred the swap to a party acceptable to the City; (ii) provided a credit support provider acceptable to the City whose obligations are pursuant to a credit support document acceptable to the City; or (iii) executed a credit support annex, in form and substance acceptable to the City, providing for the collateralization by the counterparty of its obligations under the swaps.

The swaps may be terminated by the counterparty if the rating on the City of Philadelphia Gas Works Revenue Bonds falls below Baa2 or BBB (Moody's/S&P). However, because the City's swap payments are insured by Assured Guaranty Municipal Corporation, as long as Assured Guaranty Municipal Corporation is rated at or above A2 or A (Moody's/S&P), the termination event based on the City's ratings is stayed. At the present time, the rating for Assured Guaranty Municipal Corporation is at A2/AA (Moody's/S&P).

The City is exposed to (i) basis risk, as reflected by the relationship between the rate payable on the bonds and 70.0% of one month SOFR plus 0.0801% received on the swap, and (ii) tax risk, a form of basis risk, where the City is exposed to a potential additional interest cost in the event that changes in the federal tax system or if marginal tax rates cause the rate paid on the outstanding bonds to be greater than the 70.0% of one month SOFR plus 0.0801% received on the swap.

The impact of the interest rate swaps on the financial statements as of and for the years ended August 31, 2023 and 2022 is as follows (thousands of U.S. dollars):

	<b>Interest rate swap liability</b>	<b>Deferred outflows of resources</b>	<b>Deferred inflows of resources</b>
Balance, August 31, 2022	\$ (6,044)	—	(2,477)
Change in fair value through August 31, 2023	4,147	—	(4,147)
Amortization of terminated hedge	—	—	1,420
Balance, August 31, 2023	<u>\$ (1,897)</u>	<u>—</u>	<u>(5,204)</u>

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	<u>Interest rate swap liability</u>	<u>Deferred outflows of resources</u>	<u>Deferred inflows of resources</u>
Balance, August 31, 2021	\$ (19,058)	9,117	—
Change in fair value through August 31, 2022	13,014	(9,117)	(3,897)
Amortization of terminated hedge	—	—	1,420
Balance, August 31, 2022	<u>\$ (6,044)</u>	<u>—</u>	<u>(2,477)</u>

Because the original hedging relationship was terminated when the Sixth Series Bonds were refunded by the Eighth Series Bonds in 2009, there is a difference between the interest rate swap liability and the related deferred outflows of resources. The difference is being amortized on a straight line basis to expense over the life of the hedge.

The interest rate swap liability is included in other noncurrent liabilities on the balance sheets.

There are no collateral posting requirements associated with the swap agreements.

**(9) Leases and software subscriptions**

A lease is defined as a contract that conveys control of the right to use another entity's nonfinancial asset, as specified in the contract for a period of time in an exchange or exchange-like transaction. PGW leases nonfinancial assets such as land, buildings, office equipment, vehicles, and machinery.

A software subscription, also known as subscription-based information technology arrangements (SBITAs), is defined as a contract that conveys control of the right to use another party's (a SBITA vendor's) information technology (IT) software, alone or in combination with tangible capital assets (the underlying IT assets), as specified in the contract for a period of time in an exchange or exchange-like transaction.

The related obligations are presented in the amounts equal to the present value of the lease/software subscription payments, payable during the remaining lease and software subscription term. As the lessee, the lease and software subscription assets and the respective liabilities are recognized on PGW's balance sheets. In addition, the interest and depreciation expenses are recognized on PGW's statement of revenues and expenses.

There are no variable payment clauses in any of PGW's lease and software subscription agreements. Lease and software subscription payments are discounted using a fixed interest rate if implicit in the contract. In instances where an interest rate was not readily implicit in the contract, PGW used a fixed long-term borrowing rate of 4.6% to determine the present value of the of the lease and software subscription obligations in fiscal year 2023 and 2022.

PGW did not incur expenses related to its leasing and software subscription activities related to residual value guarantees, termination penalties, or losses due to impairment. PGW did not enter into any lease and software subscription arrangements with third parties in which PGW was a sublessee. As a lessee, there are currently no agreements that include sale-leaseback and lease-leaseback transactions. As of

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August 31, 2023, PGW had minimum principal and interest payment requirements for its leasing activities, with a remaining term greater than one year, as follows (thousands of U.S. dollars):

		<b>Lease liability</b>					
		<b>Beginning balance</b>	<b>Additions</b>	<b>Principal payments</b>	<b>Interest payments</b>	<b>Total payments</b>	<b>Ending balance</b>
Fiscal year ending							
August 31:							
2023	\$	246	79,746	20,021	1,563	21,584	59,971
2024		59,971	—	1,329	3,139	4,468	58,642
2025		58,642	—	1,367	3,069	4,436	57,275
2026		57,274	—	1,411	2,999	4,410	55,863
2027		55,863	—	1,000	2,925	3,925	54,863
Total		\$		<u>25,128</u>	<u>13,695</u>	<u>38,823</u>	

As of August 31, 2023, PGW had minimum principal and interest payment requirements for its software subscription activities, with a remaining term greater than one year, as follows (thousands of U.S. dollars):

		<b>Software subscription liability</b>					
		<b>Beginning balance</b>	<b>Additions</b>	<b>Principal payments</b>	<b>Interest payments</b>	<b>Total payments</b>	<b>Ending balance</b>
Fiscal year ending							
August 31:							
2023	\$	3,626	620	2,408	165	2,573	1,838
2024		1,838	—	1,838	85	1,923	—
2025		—	—	—	—	—	—
2026		—	—	—	—	—	—
2027		—	—	—	—	—	—
Total		\$		<u>4,246</u>	<u>250</u>	<u>4,496</u>	

Currently there are no leasing and software subscription agreements where PGW is the lessor.

**(10) Defined Benefit Pension Plan**

**(a) Plan Description**

The single employer Pension Plan provides pension benefits for all eligible employees of PGW and other eligible class employees of PFMC and PGC.

The Pension Plan provides retirement payments for vested employees at age 65 or earlier under various options, which includes a disability pension provision, a preretirement spouse or domestic partner's death benefit, a reduced pension for early retirement, various reduced pension payments for the election of a survivor option, and a provision for retirement after thirty years of service without penalty for reduced age. In accordance with Resolutions of the PGC, Ordinances of City Council, and as prescribed by the City's Director of Finance, the Pension Plan is being funded with contributions by

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PGW to the Sinking Fund Commission of the City, which serves as the Trustee. Management believes that the Pension Plan is in compliance with all applicable laws.

**(b) Benefits Provided**

Normal Retirement Benefits: The Pension Plan provides retirement benefits as well as death and disability benefits. Retirement benefits vest after five years of credited service. Employees who retire at or after age 65 are entitled to receive an annual retirement benefit, payable monthly, in an amount equal to the greater of:

- 1.25% of the first \$6,600 of Final Average Earnings plus 1.75% of the excess of Final Average Earnings over \$6,600, times years of credited service, with a maximum of 60.0% of the highest annual earnings during the last ten years of credited service, or
- 2.0% of total earnings received during the period of credited service plus 22.5% of the first \$1,200 annual amount, applicable only to participants who were employees on or prior to March 24, 1967.

Death Benefits: Before retirement, the death beneficiary of deceased active participants or of deferred vested participants are entitled to vested benefits provided such participants died after having attained age 45 and completed at least fifteen years of Credited Service and whose age plus years of credited service equals at least 65 or whom have completed at least fifteen years (effective May 15, 2015 – formerly twenty years) of Credited Service regardless of age. The benefit is payable for the death beneficiary's remaining lifetime equal to the amount the participant would have received had the participant retired due to a disability on the day preceding his/her death and elected the 100% contingent annuitant option.

Disability Benefits: Disability benefits are the same as the Normal Retirement Benefits and are based on Final Average Compensation and Credited Service as of the date of disability.

Final Average Earnings are the employee's average pay, over the highest five years of the last ten years of credited service. Employees with fifteen years of credited service may retire at or after age 55 and receive a reduced retirement benefit. Employees with thirty years of service may retire without penalty for reduced age.

Except as noted in the following paragraph, covered employees are not required to contribute to the Pension Plan.

In December 2011, the Pension Plan was amended by Ordinance and a new deferred compensation plan was authorized by Ordinance as well. Newly hired employees have an irrevocable option to join either a new deferred compensation plan created in accordance with Internal Revenue Code Section 401 or the existing defined-benefit plan. The defined-contribution plan provides for an employer contribution equal to 5.5% of applicable wages. The defined-benefit plan provides for a newly hired employee contribution equal to 6.0% of applicable wages. The Ordinance did not affect the retirement benefits of active employees, current retirees and beneficiaries, or terminated employees entitled to benefits but not yet receiving them.

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**(c) Employees Covered by Benefit Terms**

At June 30, 2023, the date of the most recent actuarial valuation, the Pension Plan membership consisted of the following:

Retirees and beneficiaries currently receiving benefits and terminated employees entitled to benefits, but not yet receiving them	2,528
Participants:	
Vested	829
Nonvested	290
	1,119
Total participants	1,119
Total membership	3,647

**(d) Contributions**

The Pension Plan funding policy provides for periodic employer contributions at actuarially determined amounts that are sufficient to accumulate assets to pay benefits when due considering employee contributions required for new hires after December 2011 who elect to participate in the Pension Plan. The employer contribution is determined using the Projected Unit Credit actuarial funding method. For the fiscal years ended August 31, 2023 and 2022, the actuarially determined employer contribution was \$26.1 million and \$26.2 million, respectively. For each of the fiscal years ended August 31, 2023 and 2022, PGW contributed \$30.0 million. The contributions for fiscal years ended August 31, 2023 and 2022 were based on the direction of the City of Philadelphia Director of Finance. Employee contributions were approximately \$2.2 million and \$1.9 million in the plan year ended June 30, 2023 and June 30, 2022, respectively.

**(e) Net Pension Liability**

The Company's net pension liability as of August 31, 2023 and 2022 was measured as of June 30, 2023 and 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2023 and June 30, 2022, respectively.

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The total pension liability was determined using the entry age normal actuarial method and the following actuarial assumptions:

	<b>2023</b>	<b>2022</b>
Inflation	2.00 %	2.00 %
Investment rate of return	7.00 %	7.00 %
Salary increases:		
Years of service		
0	8.86	8.86
1	8.59	8.59
2	8.31	8.31
3	8.04	8.04
4	7.77	7.77
5	7.49	7.49
6	7.22	7.22
7	6.94	6.94
8	6.67	6.67
9	6.39	6.39
10	6.12	6.12
11	5.84	5.84
12	5.57	5.57
13	5.29	5.29
14	5.02	5.02
15	4.74	4.74
16	4.54	4.54
17	4.33	4.33
18	4.12	4.12
19	3.91	3.91
20 or more	3.71	3.71

*Mortality rates:* Mortality rates for FY 2023 and FY 2022 were based on the Pri-2012 mortality tables projected generationally from the central year using Scale MP-2021.

*Long-term rate of return:* The long-term expected rate of return on Pension Plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of Pension Plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by

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expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class for FY 2023 are summarized in the following table:

<u>Asset class</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Target</u>	<u>Expected annual return</u>
Domestic equity	35.0 %	55.0 %	41.5 %	9.0 %
International equity	10.0	30.0	18.5	9.0
Fixed income	25.0	45.0	32.5	4.1
Alternatives	—	10.0	7.5	—
Cash equivalents	—	10.0	—	—
			<u>100.0 %</u>	

*Discount rate:* The discount rate used to measure the total pension liability at June 30, 2023 and 2022 was 7.0% in each year. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that Company contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee contributions. Based on those assumptions, the Pension Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on Pension Plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Changes in Net Pension Liability**

(Thousands of U.S. dollars)

	<u>Increase (decrease)</u>		
	<u>Total pension liability</u>	<u>Plan fiduciary net position</u>	<u>Net pension liability</u>
	<u>(a)</u>	<u>(b)</u>	<u>(a)-(b)</u>
Balances at September 1, 2022	\$ 826,830	565,748	261,082
Changes for the year:			
Service cost	8,713	—	8,713
Interest	56,413	—	56,413
Differences between expected and actual experience	1,923	—	1,923

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**Changes in Net Pension Liability**

(Thousands of U.S. dollars)

	<b>Increase (decrease)</b>		
	<b>Total pension liability (a)</b>	<b>Plan fiduciary net position (b)</b>	<b>Net pension liability (a)-(b)</b>
Contributions – employer	\$ —	30,000	(30,000)
Contributions – employee	—	2,215	(2,215)
Net investment income	—	66,844	(66,844)
Benefit payments, including refunds of employee contributions	(60,313)	(60,313)	—
Administrative expenses	—	(361)	361
Net changes	<u>6,736</u>	<u>38,385</u>	<u>(31,649)</u>
Balances at August 31, 2023	\$ <u>833,566</u>	<u>604,133</u>	<u>229,433</u>

**Changes in Net Pension Liability**

(Thousands of U.S. dollars)

	<b>Increase (decrease)</b>		
	<b>Total pension liability (a)</b>	<b>Plan fiduciary net position (b)</b>	<b>Net pension liability (a)-(b)</b>
Balances at September 1, 2021	\$ 811,758	673,542	138,216
Changes for the year:			
Service cost	7,152	—	7,152
Interest	55,276	—	55,276
Differences between expected and actual experience	9,665	—	9,665
Contributions – employer	—	30,043	(30,043)
Contributions – employee	—	1,854	(1,854)
Net investment income	—	(80,989)	80,989
Benefit payments, including refunds of employee contributions	(58,502)	(58,502)	—
Administrative expenses	—	(200)	200
Change in assumptions	1,481	—	1,481
Net changes	<u>15,072</u>	<u>(107,794)</u>	<u>122,866</u>
Balances at August 31, 2022	\$ <u>826,830</u>	<u>565,748</u>	<u>261,082</u>

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*Sensitivity of the net pension liability to changes in the discount rate:* The following table presents the net pension liability, in thousands of U.S. dollars, of the Company at June 30, 2023, calculated using the discount rate of 7.00%, as well as what the Company's net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower (6.00%) or one-percentage-point higher (8.00%) than the current rate:

	<b>1% Decrease 6.00%</b>	<b>Current discount rate 7.00%</b>	<b>1% Increase 8.00%</b>
Net pension liability	\$ 318,179	229,433	154,328

*Sensitivity of the net pension liability to changes in the discount rate:* The following table presents the net pension liability, in thousands of U.S. dollars, of the Company at June 30, 2022, calculated using the discount rate of 7.00%, as well as what the Company's net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower (6.00%) or one-percentage-point higher (8.00%) than the current rate:

	<b>1% Decrease 6.00%</b>	<b>Current discount rate 7.00%</b>	<b>1% Increase 8.00%</b>
Net pension liability	\$ 349,404	261,082	186,360

*Pension Plan's fiduciary net position:* Detailed information about the Pension Plan's fiduciary net position is available in the separately issued Pension Plan financial report. Requests for additional information should be addressed to Chief Investment Officer, Philadelphia Board of Pensions and Retirements, 1500 John F. Kennedy Boulevard, Two Penn Center Plaza, 17th Floor, Philadelphia, PA 19102.

**(f) Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**

For the years ended August 31, 2023 and 2022, the Company recognized pension expense of \$31.5 million and \$20.7 million, respectively. At August 31, 2023 and 2022, the Company reported

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deferred outflows of resources and deferred inflows of resources related to the pension from the following sources (thousands of U.S. dollars):

	<u>August 31, 2023</u>		<u>August 31, 2022</u>	
	<u>Deferred outflows of resources</u>	<u>Deferred inflows of resources</u>	<u>Deferred outflows of resources</u>	<u>Deferred inflows of resources</u>
Differences between expected and actual experience	\$ 6,003	—	7,887	645
Changes of assumptions	4,734	—	11,429	5,292
Net difference between projected and actual earnings on pension plan investments	11,927	—	42,477	—
Contributions made after measurement date	<u>6,396</u>	<u>—</u>	<u>6,396</u>	<u>—</u>
Total	<u>\$ 29,060</u>	<u>—</u>	<u>68,189</u>	<u>5,937</u>

The \$6.4 million reported as deferred outflows of resources related to employer contributions made after the measurement date as of June 30, 2023 will be recognized as a reduction of the net pension liability in the Company's FY 2024. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows (thousands of U.S. dollars):

Fiscal year:	
2024	\$ 9,520
2025	(1,314)
2026	20,103
2027	(5,647)

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**(g) Fair Value Measurements**

The following table sets forth by level, within the fair value hierarchy described in note 1(o), the plan's assets at fair value as of June 30, 2023 (thousands of U.S. dollars):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Corporate bonds	\$ —	58,158	—	58,158
Common and preferred stock	423,381	—	2	423,383
U.S. government securities	40,498	49,626	—	90,124
Financial agreements	—	9,004	—	9,004
Asset backed securities	987	—	—	987
Municipal obligations	—	260	—	260
	<u>\$ 464,866</u>	<u>117,048</u>	<u>2</u>	<u>581,916</u>

The following table sets forth by level, within the fair value hierarchy described in note 1, the plan's assets at fair value as of June 30, 2022 (thousands of U.S. dollars):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Corporate bonds	\$ —	62,260	—	62,260
Common and preferred stock	381,246	1	3	381,250
U.S. government securities	53,000	29,696	—	82,696
Financial agreements	—	7,916	—	7,916
Asset backed securities	779	—	—	779
Municipal obligations	—	343	—	343
	<u>\$ 435,025</u>	<u>100,216</u>	<u>3</u>	<u>535,244</u>

**(11) Other Postemployment Benefits**

**(a) Plan Description**

The Company sponsors a single employer defined benefit healthcare plan, which provides postemployment healthcare and life insurance benefits to retirees and their beneficiaries and dependents in accordance with their retiree medical program.

The OPEB Plan comprises of (1) the PGW OPEB Trust (the Trust), which is used to receive, hold, and disburse assets accumulated to pay for some of the postemployment benefits other than pensions provided by PGW to its eligible retired employees and other eligible beneficiaries and (2) OPEB expenses paid for directly by PGW out of its general resources rather than through the Trust. The Trust was established for the exclusive benefit of PGW's retired employees and other eligible beneficiaries designated under the plan. Management believes that the OPEB Plan is in compliance with all applicable laws.

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**(b) Benefits Provided**

*Medical Benefits:* For pre-65 retirees, a choice of medical plans is offered through Independence Blue Cross, including Personal Choice, Blue Cross Blue Shield with Major Medical, or Keystone HMO's. Employees who retire after December 1, 2001 are provided the Keystone 5 Plan at PGW's expense and they can buy up to a more expensive plan. Employees who retire on or after September 1, 2007 are provided the Keystone 10 Plan at PGW's expense, and they can buy up to a more expensive plan. Union employees who retired between January 1, 2023 and August 31, 2023 are provided the Keystone 10 plan at PGW's expense, and they can buy up to a more expensive plan. Management employees who retire after August 31, 2011 continue to receive the Keystone 10 as the base plan and can buy up to a more expensive plan.

Reinsurance provides specific stop-loss coverage of \$0.3 million on pre-65 Medical and Prescription Drug claims.

Eligible pre-65 retirees who relocate outside of the Keystone coverage area may elect to participate in the PGW Retiree Health Reimbursement Arrangement (HRA). Under the HRA, the Keystone base plan premium-equivalent will be credited to a participant's HRA account and will be available to reimburse the participant for eligible medical insurance premiums.

Medicare eligible retirees are provided a fully insured Medicare Supplement Plan through Independence Blue Cross.

Opt-out benefits of \$1,500 per year for single coverage and \$3,000 per year for married coverage are available to eligible retirees. This benefit is not available to a married couple who both retired from PGW and who are eligible for Medicare benefits. Retirees can maintain prescription drug and dental coverage even if they opt out of medical coverage.

*Prescription Drug Benefits:* Employees who retired on or after April 15, 1976 and prior to December 1, 2001, are offered a Prescription Drug Plan that has been established specifically for retirees and is separate from the plan that is offered to active employees. The retiree Prescription plan consists of a \$2 copay for generic drugs, a \$2 copay for brand name drugs when no generic drugs are available, and a \$15 copay for brand name drugs when generic drugs are available. There are no deductibles and no lifetime maximums. Employees who retired prior to April 15, 1976 or on or after December 1, 2001 but before September 1, 2007 have a \$5 copay for generics and a \$10 copay for brand drugs. Employees who retire on or after September 1, 2007 have a \$5 copay for generics and a \$15 copay for brand drugs.

Effective, January 1, 2012, PGW moved Medicare eligible retirees into an Employee Group Waiver Plan arrangement. Covered drugs and copays remain the same. Prescription drug benefits are self-funded for all retirees.

*Dental Benefits:* For employees who retired after April 15, 1978, a basic dental plan is offered at no cost to the retiree. For employees who retired after June 1, 1984, an enhanced dental plan is offered. For eligible retirees who enroll in the enhanced dental plan, the retiree must pay the difference between the basic and enhanced plans. The dental plans were fully insured through August 31, 2016. Effective September 1, 2016, the dental benefits are self-funded.

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*Death Benefits:* Nonunion employees are offered voluntary life insurance equal to two times their salary at retirement. At age 65, the life insurance benefit decreases by 5.0% per year for fifteen years until the benefit equals 25.0% of the original life insurance benefit at age 65. PGW pays the cost of the first \$75,000 of coverage. Retirees in this category pay \$0.35 per \$1,000 per month for coverage in excess of \$75,000.

Union employees are offered voluntary life insurance equal to one times their salary at retirement. At retirement, the life insurance benefit decreases by 10.0% per year for five years until the benefit equals 50.0% of the original life insurance benefit at retirement. Retirees in this category pay \$0.35 per \$1,000 of coverage per month and PGW pays the balance.

Upon the death of an active employee prior to satisfying the requirements for Preretirement Spouse's Death Benefits, surviving spouses and dependents are entitled to receive two years of health coverage paid by PGW. Upon the death of an active employee on or after satisfying the requirements for Preretirement Spouse's Death Benefits, surviving spouses and dependents are entitled to receive health coverage for life (or for five years if hired on or after May 21, 2011 if Union or hired on or after December 21, 2011 if Nonunion) paid by PGW. Dependents are entitled to receive health coverage up to age 19 or age 23 for full-time students.

*Contributions:* The OPEB Plan pays the full cost of medical, basic dental, and prescription coverage for employees who retired prior to December 1, 2001. Employees who retire after December 1, 2001 are provided the Keystone 5, Keystone 10, or Keystone 15 plan at PGW's expense and can buy up to a more expensive plan. Retirees also contribute toward enhanced medical, dental plan and life insurance coverage as described above. PGW pays 100.0% of the cost for the prescription drug plan after drug copays.

**(c) Participants Covered**

At December 31, 2022, the date of the latest actuarial valuation, the OPEB Plan's combined membership consisted of the following:

	<b>Number</b>
Retirees	1,480
Beneficiaries	369
Active employees – Union	1,021
Active employees – Management	494
Total number of participants	3,364

**(d) Contributions**

Contributions to the OPEB Plan are the amounts received (additions) from PGW as sponsor of the Plan. These contributions include both amounts paid by PGW out of general resources to fund benefits on a pay-as-you-go basis, and contributions related to rate surcharges approved by the PUC in May 2010 and continued in July 2015. For the OPEB Plan year ended December 31, 2022, PGW contributed \$25.7 million on a pay-as-you-go basis, \$16.0 million resulting from rate surcharges, and

(Continued)

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\$2.5 million of its resources. For the OPEB Plan year ended December 31, 2021, PGW contributed \$25.2 million on a pay-as-you-go basis, \$16.0 million resulting from rate surcharges, and \$2.5 million of its resources.

**(e) Net OPEB Liability**

The Company's net OPEB liability as of August 31, 2023 and 2022 was measured as of December 31, 2022 and 2021, and the OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of December 31, 2022 and 2021, respectively. The valuation and measurement date was December 31, 2022.

Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future and are subject to continual revision as actual amounts are compared to past expectations and new estimates are made about the future. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The total OPEB liability was determined using the entry age, level percent of pay actuarial method and the following actuarial assumptions used to value the postemployment medical liabilities can be categorized into the following three groups:

- *Benefit assumptions:* the initial per capita cost rates for medical coverage, and the face amount of employer-paid life insurance.
- *Demographic assumptions:* including the probabilities of retiring, dying, terminating (without a benefit), becoming disabled, recovery from disability, election (participation rates) and coverage levels.

The demographic assumptions were based on a review of plan experience during the period December 31, 2021 to December 31, 2022.

- *Economic assumptions:* the discount rate and health care cost trend rates.

(Continued)

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Benefit assumptions:

- *Per capita claims:* Using actuarial standards, specifically Actuarial Standard of Practice No. 6, *Measuring Retiree Group Benefits Obligations and Determining Retiree Group Benefits Program Periodic Costs or Actuarially Determined Contributions*, the annual age specific per capital claims cost rate were projected at the following assumed trend rates for future years (whole U.S. dollars):

Age	Medical		
	Medical	Prescription drug	Dental
50	\$ 6,876	2,328	180
55	8,760	2,976	180
60	10,992	3,732	180
64	13,260	4,500	180
65	2,700	4,956	180
70	2,592	4,764	180
75	2,772	5,088	180

- *Life insurance:* The claims cost for life insurance is based on the actuarial present value of projected life insurance claims.
- *Morbidity:* The below healthcare cost for prescription drug coverage and pre-65 medical coverage reflects the following changes due to increased or decreased usage as a result of aging:

Ages	Blended Medical/Rx
50–54	5.03 %
55–59	4.84
60–64	4.68
65–69	(1.01)
70–74	1.09
75–79	1.70
80–84	1.87
85+	—

Demographic assumptions:

- *Mortality rates:* Mortality rates for FY 2023 is assumed to follow:
  - Preretirement Mortality – Pri-2012 Total Employee Headcount Weighted Table, projected with SOA Scale MP-2021.

(Continued)

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- Postretirement Mortality – Pri-2012 Total Retiree Headcount Weighted Table, projected with SOA Scale MP-2021.
- Disabled Retirement Mortality – Pri-2012 Total Disabled Retiree Headcount Weighted Table, Projected with SOA Scale MP-2021.

Mortality rates for FY 2022 is assumed to follow the sex-distinct, Pri-2012 Employee, Healthy Annuitant, and Disabled Retiree Mortality Tables projected with scale MP-2020.

- *Salary Scale:* Salary Scale is based on years of service as follows:

Years of service	Annual increase	Years of service	57 increase
0	8.86 %	11	5.84 %
1	8.59	12	5.57
2	8.31	13	5.29
3	8.04	14	5.02
4	7.77	15	4.74
5	7.49	16	4.54
6	7.22	17	4.33
7	6.94	18	4.12
8	6.67	19	3.91
9	6.39	20 or more	3.71
10	6.12		

- *Retirement rates:* Retirement rates applicable once an employee is eligible for retirement benefits vary by age and service with rates as follows:

Age	Service < 30	Service > 30	Age	Service < 30	Service > 30
50	— %	15.00 %	61	10.00 %	15.00 %
51	—	15.00	62	10.00	40.00
52	—	15.00	63	10.00	25.00
53	—	15.00	64	10.00	25.00
54	—	15.00	65	20.00	25.00
55	5.00	15.00	66	20.00	40.00
56	5.00	15.00	67	20.00	40.00
57	10.00	15.00	68	20.00	40.00
58	10.00	15.00	69	20.00	40.00
59	10.00	15.00	70+	100.00	100.00
60	10.00	15.00			

(Continued)



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- *Withdrawal rates:* Turnover rates applicable before an employee is eligible for retirement benefits vary by age and service with illustrative rates as follows:

Age	Service < 1 year	1 year of service	2 years of service	3 years of service	4 years of service	Service > 4 years
18–37	25.00 %	15.00 %	12.00 %	10.00 %	7.00 %	3.00 %
38	23.00	15.00	12.00	9.00	6.60	2.80
39	21.00	15.00	12.00	8.00	6.20	2.60
40	19.00	15.00	12.00	7.00	5.80	2.40
41	17.00	15.00	12.00	6.00	5.40	2.20
42	15.00	15.00	12.00	5.00	5.00	2.00
43	14.00	14.00	10.60	4.60	4.60	3.00
44	13.00	13.00	9.20	4.20	4.20	3.00
45	12.00	12.00	7.80	3.80	3.80	3.00
46	11.00	11.00	6.40	3.40	3.40	3.00
47	10.00	10.00	5.00	3.00	3.00	3.00
48	10.00	10.00	5.00	2.80	2.80	3.00
49	10.00	10.00	5.00	2.60	2.60	3.00
50	10.00	10.00	5.00	2.40	2.40	3.00
51	10.00	10.00	5.00	2.20	2.20	3.00
52+	10.00	10.00	5.00	2.00	2.00	3.00

- *Participation rate:* Participation assumes 100% of future retirees who meet the eligibility requirements will participate in the postemployment welfare plans upon retirement.
- Disability rates vary by age with illustrative rates as follows:

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<u>Age</u>	<u>Males</u>	<u>Females</u>	<u>Age</u>	<u>Males</u>	<u>Females</u>
18–27	0.03 %	0.03 %	47	0.23 %	0.33 %
28	0.03	0.04	48	0.28	0.37
29	0.03	0.04	49	0.31	0.40
30	0.03	0.04	50	0.37	0.45
31	0.03	0.06	51	0.43	0.49
32	0.03	0.06	52	0.51	0.55
33	0.03	0.07	53	0.59	0.60
34	0.03	0.07	54	0.68	0.66
35	0.04	0.08	55	0.77	0.71
36	0.04	0.09	56	0.86	0.77
37	0.06	0.10	57	0.96	0.83
38	0.07	0.11	58	1.06	0.89
39	0.08	0.13	59	1.17	0.95
40	0.09	0.14	60	1.28	1.00
41	0.10	0.17	61	1.40	1.07
42	0.11	0.19	62	1.54	1.13
43	0.13	0.21	63	1.68	1.17
44	0.16	0.25	64	1.83	1.22
45	0.18	0.27	65+	—	—
46	0.20	0.30			

Economic assumptions:

- Long-term rate of return:* The long-term expected rate of return on OPEB Plan investments was determined using a building block method in which expected future real rates of returns (expected returns, net of OPEB Plan investment expense and inflation) are developed for each major asset class. The calculated investment rate of return was set equal to the expected 12-year compound (geometric) real return plus inflation (rounded to the nearest 25 basis points, where appropriate). The table below provides the long-term expected real rates of return by asset class (based on published capital market assumptions). The target allocation for each major asset class as of December 31, 2022 is summarized in the following table:

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<u>Asset class</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Target</u>	<u>Expected annual return</u>
Domestic equity large cap	27.5 %	37.5 %	32.5 %	8.1 %
Domestic equity small cap	10.0	15.0	12.5	8.4
Emerging market equity	5.0	10.0	7.5	10.4
International equity	15.0	20.0	17.5	10.0
Fixed income	10.0	45.0	30.0	5.0
Commodities/real assets	—	10.0	—	3.4
Cash equivalents	—	5.0	—	2.6
			<u>100.0 %</u>	

- *Inflation Rate: 2.5%*
- *Healthcare cost trend:*

<u>Year</u>	<u>Medical (Pre-65)</u>	<u>Medical (Post-65)</u>	<u>Prescription drugs</u>	<u>Dental</u>
2023	6.25 %	4.50 %	7.25 %	4.00 %
2024	5.75	4.50	6.75	4.00
2025–2029	5.25	4.50	6.50	4.00
2030–2039	5.00	4.00	6.25	4.00
2040–2049	4.75	4.00	5.75	4.00
2050–2069	4.50	4.00	5.25	4.00
2070+	4.00	4.00	4.50	4.00

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- *Discount rate:* The discount rate used for determining the total OPEB liability is the long-term expected rate of return on plan investments of 7.0% as of December 31, 2022 and December 31, 2021, which represents the long-term expected rate of return on Plan investments at the applicable measurement date.

**Changes in Net OPEB Liability**

(Thousands of U.S. dollars)

	<b>Increase (decrease)</b>		
	<b>Total OPEB liability (a)</b>	<b>Plan fiduciary net position (b)</b>	<b>Net OPEB liability (a)-(b)</b>
Balances at September 1, 2022	\$ 515,175	365,944	149,231
Changes for the year:			
Service cost	6,597	—	6,597
Interest	35,641	—	35,641
Differences between expected and actual experience	695	—	695
Assumption changes	(3,089)	—	(3,089)
Benefit payments	(25,677)	—	(25,677)
Contributions-employer	—	44,177	(44,177)
Project investment return on year	—	(63,740)	63,740
Benefit payments	—	(25,677)	25,677
Administrative expenses and bank fees	—	(68)	68
Net changes	<u>14,167</u>	<u>(45,308)</u>	<u>59,475</u>
Balances at August 31, 2023	<u>\$ 529,342</u>	<u>320,636</u>	<u>208,706</u>

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**Changes in Net OPEB Liability**

(Thousands of U.S. dollars)

	<b>Increase (decrease)</b>		
	<b>Total OPEB liability</b>	<b>Plan fiduciary net position</b>	<b>Net OPEB liability</b>
	<b>(a)</b>	<b>(b)</b>	<b>(a)-(b)</b>
Balances at September 1, 2021	\$ 507,667	306,079	201,588
Changes for the year:			
Service cost	5,762	—	5,762
Interest	36,577	—	36,577
Differences between expected and actual experience	(25,286)	—	(25,286)
Assumption changes	15,652	—	15,652
Benefit payments	(25,197)	—	(25,197)
Contributions-employer	—	43,697	(43,697)
Project investment return on year	—	23,012	(23,012)
Plan asset gain/(loss)	—	18,405	(18,405)
Benefit payments	—	(25,197)	25,197
Administrative expenses and bank fees	—	(52)	52
Net changes	<u>7,508</u>	<u>59,865</u>	<u>(52,357)</u>
Balances at August 31, 2022	<u>\$ 515,175</u>	<u>365,944</u>	<u>149,231</u>

*Sensitivity of the Net OPEB Liability to Changes in the Discount Rate:* The following presents the Net OPEB liability, in thousands of U.S. dollars, of the Company at December 31, 2022, as well as what the Net OPEB liability would be if it were calculated using a discount rate that is one-percentage-point lower or one-percentage-point higher than the current discount rate:

	<b>1% Decrease</b>	<b>Current discount rate</b>	<b>1% Increase</b>
	<b>6.00%</b>	<b>7.00%</b>	<b>8.00%</b>
Net OPEB liability	\$ 280,881	208,706	149,770

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*Sensitivity of the Net OPEB Liability to Changes in the Discount Rate:* The following presents the Net OPEB liability, in thousands of U.S. dollars, of the Company at December 31, 2021, as well as what the Net OPEB liability would be if it were calculated using a discount rate that is one-percentage-point lower or one-percentage-point higher than the current discount rate:

	<b>1% Decrease</b> <b>6.00%</b>	<b>Current discount rate</b> <b>7.00%</b>	<b>1% Increase</b> <b>8.00%</b>
Net OPEB liability	\$ 220,489	149,231	91,183

*Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rates:* The following presents the Net OPEB liability, in thousands of U.S. dollars, of the Company at December 31, 2022, as well as what the Net OPEB liability would be if it were calculated using healthcare cost trend rates are one-percentage-point lower or one-percentage-point higher than the current healthcare cost trend rates:

	<b>1% Decrease</b>	<b>Current healthcare cost trend rates</b>	<b>1% Increase</b>
Net OPEB liability	\$ 150,328	208,706	280,737

*Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rates:* The following presents the Net OPEB liability, in thousands of U.S. dollars, of the Company at December 31, 2021, as well as what the Net OPEB liability would be if it were calculated using healthcare cost trend rates are one-percentage-point lower or one-percentage-point higher than the current healthcare cost trend rates:

	<b>1% Decrease</b>	<b>Current healthcare cost trend rates</b>	<b>1% Increase</b>
Net OPEB liability	\$ 91,216	149,231	221,130

*OPEB Plan's fiduciary net position:* Detailed information about the OPEB Plan's fiduciary net position is available in the separately issued OPEB Plan financial report. Requests for additional information should be addressed to Administrator – PGW OPEB Trust, 800 W. Montgomery Avenue, Philadelphia, Pennsylvania 19122.

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**(f) OPEB Expense and Deferred Outflow of Resources and Deferred Inflows of Resources Related to Other Postemployment Benefits**

For the years ended August 31, 2023 and 2022, the Company recognized OPEB expense of \$4.8 million and \$(1.2) million, respectively. At August 31, 2023 and 2022, the Company reported deferred outflows of resources and deferred inflow of resources related to other postemployment benefits from the following sources (thousands of U.S. dollars):

	<u>August 31, 2023</u>		<u>August 31, 2022</u>	
	<u>Deferred outflows of resources</u>	<u>Deferred inflows of resources</u>	<u>Deferred outflows of resources</u>	<u>Deferred inflows of resources</u>
Differences between expected and actual experience	\$ 580	32,875	—	58,253
Changes of assumptions	23,481	7,497	33,260	9,829
Difference between projected and actual earnings on OPEB plan investments	45,824	—	—	34,525
Contributions made after measurement date	<u>30,183</u>	<u>—</u>	<u>29,316</u>	<u>—</u>
Total	<u>\$ 100,068</u>	<u>40,372</u>	<u>62,576</u>	<u>102,607</u>

The \$30.2 million and \$29.3 million reported as deferred outflows of resources related to employer contributions made after the measurement date as of December 31, 2022 and 2021, respectively, will be recognized as a reduction of the net OPEB liability in FY 2023 and FY 2022, respectively. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows (thousands of U.S. dollars):

Fiscal year:	
2024	\$ (6,002)
2025	7,931
2026	12,397
2027	16,077
2028	(851)
Thereafter	(39)

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**(g) Fair Value Measurements**

The following table sets forth by level, within the fair value hierarchy described in note 1(o), the plan's assets at fair value as of December 31, 2022 (thousands of U.S. dollars):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Domestic equity mutual funds	\$ 151,110	—	—	151,110
International equity mutual funds	74,856	—	—	74,856
Corporate bonds	—	431	—	431
U.S. treasuries	7,778	—	—	7,778
U.S. government agency	—	1,138	—	1,138
Bond mutual funds	67,204	—	—	67,204
Municipal bonds – mutual funds	17,980	—	—	17,980
	<u>\$ 318,928</u>	<u>1,569</u>	<u>—</u>	<u>320,497</u>

The following table sets forth by level, within the fair value hierarchy described in note 1(o), the plan's assets at fair value as of December 31, 2021 (thousands of U.S. dollars):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Domestic equity mutual funds	\$ 180,800	—	—	180,800
International equity mutual funds	81,417	—	—	81,417
Corporate bonds	—	519	—	519
U.S. treasuries	9,297	1,880	—	11,177
U.S. government agency	—	1,030	—	1,030
Bond mutual funds	71,412	—	—	71,412
Municipal bonds – mutual funds	17,310	—	—	17,310
	<u>\$ 360,236</u>	<u>3,429</u>	<u>—</u>	<u>363,665</u>

Mutual funds consist of open-end mutual funds that are registered with the SEC and are valued daily using quoted prices in active markets as provided by the pricing vendor for these securities (Level 1 inputs).

Fixed income consists of corporate bonds, U.S. Government and agency securities, and mortgage/asset backed securities. The fair values of these investments are determined using third party pricing services using quoted prices in active markets (Level 1 inputs) or prices derived from observable market inputs such as benchmark curves, broker/dealer quotes, and other industry and economic factors (Level 2 inputs).

**(h) Investment Policy**

The Trust's investment policy in regard to the allocation of invested assets is defined in its Statement of Investment Guidelines (the Guidelines) developed in conjunction with the Trust's Board and its financial advisors. The long-term goals of the Guidelines are to manage the assets in a manner in the best of

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interest of participants, produce investment return that meets the actuarially assumed rate, and to produce consistent performance to protect against excessive volatility. There has not been any significant change in the Trust's investment policy during the reporting period.

The asset allocation strategy was as follows (as adjusted in February 2019):

	<u>Target</u>	<u>Actual</u>
Domestic equity large cap	32.5 %	32.5 %
Domestic equity small cap	12.5	14.4
Emerging market international equity	7.5	5.8
Developed market international equity	17.5	17.4
Fixed income	30.0	29.3
Cash and cash equivalents	—	0.6

(i) *Rate of Return*

For the years ended December 31, 2022 and 2021, the annual money-weighted rate of return on investments, net of investment expense, was (16.97)% and 13.15%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

(ii) *Credit Risk*

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The credit risk of a debt instrument is measured by nationally recognized statistical rating agencies such as Moody's.

(iii) *Custodial Credit Risk*

The assets of the Plan are held by the Trust.

Custodial credit risk is the risk that in the event of a bank failure, the Trust's deposits may not be returned to the Trust. The cash and cash equivalents held by the Trust at December 31, 2022 and 2021 were not covered by federal deposit insurance.

Custodial credit risk for investments is the risk that, in the event of a failure to a counterparty to a transaction, the value of the investment or collateral securities that are in possession of an outside party may not be recovered. Investments are exposed to custodial credit risk if the securities are uninsured, are not held in the name of the Trust, or are held by either the counterparty or the counterparty's trust department or agent but not in the Trust's name. The Trust's investments are not exposed to custodial credit risk as they are held by the Trust's custodian in the name of the Trust.

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(iv) *Interest Rate Risk*

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of fixed income investments. The Trust's investment policy does not specifically address limitations on the maturities of investments.

(v) *Investment Concentration Risk*

Investment concentration risk is the risk that the investment portfolio is disproportionately exposed to market changes in specific sectors or securities. As of December 31, 2022, the Trust held the following investments in excess of 5.0% of the fair value of the Trust's net position: DFA US Small Cap Fund, American Funds Europac Growth R6 Fund, Vanguard Total Stock Market Index Fund, Vanguard Total Bond Market Index Fund, Baird Core Bond Fund and MainStay MacKay High Yield Fund. As of December 31, 2021, the Trust held the following investments in assets in excess of 5.0% of the fair value of the Trust's net position: DFA US Small Cap Fund, American Funds Europac Growth R6 Fund, Vanguard Total Stock Market Index Fund, and Baird Core Bond Fund.

**(12) Defined Contribution Pension Plan**

PGW contributes to a defined-contribution pension plan for all employees hired after May 21, 2011 (Union) or December 8, 2011 (Nonunion) who elect not to contribute to the defined-benefit plan. The Defined Contribution Plan (DC) is administered by the PGW Investment Committee. Benefit terms, including contribution requirements, for the DC Plan are established and may be amended by Ordinance of the City. For each employee in the DC Plan, the Company is required to contribute annually 5.5% of applicable wages to an individual employee account. Employees are not required to make contributions to the plan. For the years ended August 31, 2023 and 2022, the Company recognized pension expense of \$2.1 million and \$1.9 million, respectively, related to contributions to the DC Plan.

Participants are immediately vested in Company contributions and earnings on Company contributions.

The Company had no accrued liabilities for contributions payable to the DC Plan at August 31, 2023 and 2022.

The DC Plan is a "tax-qualified" 401 (a) plan that is designed to comply with appropriate federal tax laws under the Internal Revenue Code (Tax Code). The DC Plan is a "defined contribution" plan as defined by the Tax Code. It is considered a "defined contribution" plan because the benefit consists of a defined contribution made by PGW for the benefit of the employee. The defined contribution is calculated as an amount equal to five- and one-half percent (5.5%) of the employee's applicable wages. These amounts are deposited into an account for the benefit of the employee under the guidelines of the plan. The Company contributed \$2.1 million and \$1.9 million in FY 2023 and FY 2022, respectively. PGW's contributions are accounted for as part of administrative and general expenses in the statements of revenues and expense and changes in net position.

**(13) Pollution Remediation Obligation**

The pollution remediation obligations at August 31, 2023 and 2022 were \$23.6 million and \$28.6 million, respectively, which reflect the provisions of GASB Statement No. 49, *Accounting and Financial Reporting for Pollution Remediation Obligations*.

(Continued)

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The Company recorded a decrease in the total liability for pollution remediation obligations of \$5.0 million in FY 2023 and an increase in the total liability for pollution obligations of \$0.4 million in FY 2022. The pollution remediation liability is reflected in other noncurrent and current liabilities in the balance sheets. In accordance with U.S. GAAP for regulated entities, the Company has also recognized the long-term portion of its environmental remediation liability as a regulatory asset, because based on available evidence; it is probable that the previously incurred costs will be recovered through rates. The regulatory asset is reflected in regulatory asset – environmental on the balance sheets.

**(14) Risk Management**

The Company is exposed to various risks of loss related to torts, theft of, damage to, and destruction of assets, errors and omissions, injuries to employees, and natural disasters. While self-insured for many risks, the Company purchases insurance coverage where appropriate. The Company's real and personal property is insured against the risk of loss or damage in the amount of \$250.0 million, subject to a \$0.3 million per accident deductible at the Richmond and Passyunk Plants and a \$0.1 million per accident deductible at all other locations. There are separate sublimits for flood and earth movement at select locations. The Company's Property Insurance includes coverage for damage incurred from a terrorist attack. In addition, the Company maintains Blanket Crime, which is a form of Property Insurance.

The Company maintains \$210.0 million in liability (including terrorism) coverage, insuring against the risk of damage to property, or injury to the public with a \$1.0 million per occurrence self-insured retention.

The Company maintains statutory limits for Workers' Compensation (including terrorism) with a \$0.5 million per occurrence self-insured retention.

The Company maintains a \$30.0 million Public Officials Liability (Directors and Officers Liability) policy with a \$0.5 million retention as well as a \$60.0 million Fiduciary Liability policy with a \$0.2 million self-insured retention.

The Company maintains \$5.0 million in coverage for liability arising from nonowned Disposal Sites subject to each incident deductible of \$0.1 million. During FY 2023, the Company maintained Cyber (Privacy) Liability coverage, with a limit of \$11 million with a \$0.4 million retention covering costs arising from a data or security breach through August 31, 2023. Effective September 1, 2023, and through September 1, 2024, the limit on this coverage is \$11.0 million with a \$0.3 million retention covering costs arising from a data or security breach.

The Company maintains a medical stop-loss insurance program for its self-insured healthcare plans. The coverage provides for a \$0.4 million deductible per covered participant.

The Company has evaluated all open claims as of August 31, 2023 and has appropriately accrued for these claims on the balance sheets.

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Claims and settlement activity for occurrences excluded under the provisions of insurance policies for injuries and damages are as follows (thousands of U.S. dollars):

	<u>Beginning of year reserve</u>	<u>Current year claims and adjustments</u>	<u>Claims settled</u>	<u>End of year reserve</u>	<u>Current liability amount</u>
Fiscal year ended August 31:					
2023	\$ 8,253	1,207	(2,671)	6,789	3,769
2022	9,981	792	(2,520)	8,253	3,917
2021	9,442	2,384	(1,845)	9,981	4,584

**(15) Commitments and Contingencies**

*Commitments*

Commitments for major construction and maintenance contracts were approximately \$70.9 million and \$76.8 million, as of August 31, 2023 and 2022, respectively.

The Company, in the normal course of conducting business, has entered into long-term contracts for the supply of natural gas, firm transportation, and long-term firm gas storage service. The Company's cumulative obligations for demand charges for all of these services are approximately \$5.8 million per month in perpetuity.

The Company has entered into long-term and seasonal contracts with suppliers providing the Company with natural gas. The Company has the ability to fix the price of the purchase of natural gas with these contracts.

The Company's FY 2024 Capital Budget was approved by City Council in the amount of \$192.4 million. Within this approval, funding was provided to continue the implementation of an 18-mile CIMR Program. The cost for this program in FY 2024 is expected to be \$31.5 million. The total six-year cost of the CIMR Program is forecasted to be \$193.9 million. In addition to the 18-mile CIMR Program, the FY 2024 Capital Budget includes funding for an accelerated CIMR Program which PGW will include in its DSIC surcharge. This incremental program in FY 2024 is expected to cost \$41.0 million. The total six-year cost of this incremental program is forecasted to be \$246.0 million. The FY 2024 Capital Budget also includes \$1.2 million for the purchase of smartpoint devices for the Automatic Meter Infrastructure (AMI) units, which will replace the Automatic Meter Reading (AMR) devices. The total six-year cost of this program to replace AMR units is approximately \$1.8 million.

The Company's FY 2023 Capital Budget was approved by City Council in the amount of \$187.4 million. Within this approval, funding was provided to continue the implementation of an 18-mile CIMR Program. The cost for this program in FY 2023 is expected to be \$28.4 million. The total six-year cost of the CIMR Program is forecasted to be \$186.3 million. In addition to the 18-mile CIMR Program, the FY 2023 Capital Budget includes funding for an accelerated CIMR Program which PGW will include in its DSIC surcharge. This incremental program in FY 2023 is expected to cost \$38.0 million. The total six-year cost of this incremental program is forecasted to be \$228.0 million. The FY 2023 Capital Budget also includes \$1.4 million for the purchase of smartpoint devices for the Automatic Meter Infrastructure (AMI) units, which

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will replace the Automatic Meter Reading (AMR) devices. The total six-year cost of this program to replace AMR units is approximately \$2.4 million.

*Contingencies*

The Company's material legal proceedings are as described below. The Company believes that it has valid defenses to these legal proceedings and intends to defend them vigorously. PGW records reserves for estimated losses from contingencies when information available indicates that a loss is probable and the amount of the loss, or range of loss, can be reasonably estimated. Management has assessed the following matters based on current information and made a judgment concerning their potential outcomes, considering the nature of the claim, the amount and nature of damages sought, and the probability of success. The Company is unable to predict the outcome of these legal proceedings or reasonably estimate the scope or amount of any associated costs and potential liabilities.

*Philadelphia Gas Works, Petitioner v. Pennsylvania Public Utility Commission and SBG Management Services, et. al., Respondents*, Pennsylvania Commonwealth Court Docket Nos. 1291 CD 2018, 1405 CD 2018 and 1404 CD 2018. These are an appeal by PGW dated October 19, 2018 from the Orders of the PUC issued (a) December 8, 2016, and the related Opinions and Orders denying reconsideration that were issued on May 18, 2018 and on August 23, 2018; (b) September 20, 2018; and (c) October 4, 2018.

Eight complaints were filed by landlords and by SBG Management Services, Inc. (collectively, SBG), the property management company that manages the day-to-day operations of certain residential properties owned by the landlords. The complaints which challenged amounts owned by SBG to PGW that, inter alia, were subject to late payment charges by PGW were divided into three groups by the Commission. The Commission's Regulations and PGW's Commission approved tariff authorizes PGW to charge interest (in the form of a late payment charge) at the rate of 1.5% per month on the overdue balance of a utility bill. In addition, if a customer does not pay for natural gas services provided by PGW, a municipal lien (which is created by operation of the Pennsylvania Municipal Claim and Tax Lien Law, 53 P.S. §§ 7101, et. seq. (MCTLL)) may be docketed with the appropriate local court. The Commission held that it lacks jurisdiction over unpaid amounts for natural gas service provided by PGW when a municipal lien is docketed under the MCTLL. Based upon that conclusion, the Commission determined that once a lien is docketed, PGW may not apply rules set forth in its Commission-approved tariff to the arrearage amount giving rise to the lien and may not show that arrearage amount on its monthly bills to nonpaying customers. The PUC assessed civil penalties in the total amount of approximately \$0.1 million against PGW, ordered PGW to refund sums totaling approximately \$1.0 million to the complainants, correct its practices in the assessment of late payment charges on unpaid balances, and modify the payment application sequence associated with partial payments. This would require PGW to make changes to PGW's billing system.

In response to the PUC's determination, PGW filed timely appeals with the Pennsylvania Commonwealth Court from the PUC's decision in each group of complaints. Oral argument took place on November 12, 2019.

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On December 9, 2019, the Pennsylvania Commonwealth Court reversed the orders of the PUC related to amounts owed by SBG Management Services, Inc. to PGW that, inter alia, were subject to late payment charges by PGW.<sup>1</sup> The Commonwealth Court found that (i) the PUC committed an error of law in holding that it lacked jurisdiction over gas charges subject to docketed liens, (ii) the PUC committed an error of law in holding that PGW could not continue to impose late fees of 1.5% per month on delinquent accounts once the City docketed a lien, and (iii) the PUC erred in imposing penalties, ordering refunds of previously imposed late fees, and directing billing changes relating to charges subject to docketed liens.

On January 8, 2020 SBG petitioned the Pennsylvania Supreme Court (“PA Supreme Court”) to reverse the decision of the Commonwealth Court. On June 23, 2020, the PA Supreme Court granted SBG’s petition for appeal. On December 1, 2020, the parties presented oral arguments before the PA Supreme Court. On April 29, 2021, the PA Supreme Court reversed the order of the Commonwealth Court, and held that liens filed of record under Section 7106(b) of the Municipal Claims and Tax Lien Law (53 P.S. § 7106(b)) have the effect of judgments, and accordingly accrue interest at the “lawful rate” of post-judgment interest of 6% per annum. (See 42 Pa.C.S. §8101; 41 P.S. § 202) (see <https://casetext.com/case/phila-gas-works-v-pa-pub-util-commn-3>).

On May 13, 2021 PGW filed an “Application for Reargument” with the PA Supreme Court. In its Application, PGW requested that the PA Supreme Court grant reargument on a number of grounds, including due to PGW’s assertion that the determination of the interest rate on liens was not properly the subject of the appeal before the PA Supreme Court.

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<sup>1</sup> PGW did not appeal the decision of the PUC regarding partial payment application. This matter was independently resolved per a settlement agreement reached with the Office of Consumer Advocate, and approved by the PUC on June 13, 2019, as part of a prior PGW’s base rate case. Per the settlement, PGW agreed to modify its partial payment allocation practices so that no priority is given to the satisfaction of late payment charges.

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On June 15, 2021, Philadelphia Gas Works' Application for Reargument was granted in part by the PA Supreme Court. The case was remanded to the Commonwealth Court for consideration of any outstanding issues. (PGW's Application for Relief (including the request for reargument) was denied in all other respects.) On August 3, 2021, the Commonwealth Court issued an order establishing a Supplemental Briefing Schedule for the matter on remand, and also fixed the questions on remand.<sup>2</sup> The parties' briefs were filed in September/October of 2021. Oral argument took place on February 7, 2022 before the Commonwealth Court, and on March 16, 2022 the Commonwealth Court held that PGW II applies retroactively only to the parties of PGW II as well as other proceeding pending at the time PGW II was decided on April 28, 2021. The Commonwealth Court remanded the proceeding to the Commission for a determination of the correct amounts.

Upon remand to the Commission, PGW filed a motion to dismiss the issue related to the amounts due on docketed liens. PGW argued that the amount due on docketed liens (which are judgments according to PGW II) are outside of the Commission's jurisdiction. In response, SBG argued that it is proper for the Commission to determine how much SBG was overcharged. The motion was argued before the Administrative Law Judge (the "ALJ") on November 8, 2022. An evidentiary hearing is scheduled for January 19, 2023.

*SBG Management Services, Inc. Et Al. v. City of Philadelphia c/o Philadelphia Gas Works.* In a separate, but related matter to the SBG matter described above, various and several new SBG entities filed a Praecipe for Writ of Summons against "the City of Philadelphia c/o PGW" in the Philadelphia Court of Common Pleas on April 29, 2021, and docketed a complaint on August 24, 2021. The complaint sets forth a cause of action for "recoupment" (Count I), a claim for unjust enrichment (Count II), a cause of action for fraud (Count III), and a claim for violation of the UTPCPL (Count IV). Under SBG's view of the decision of the Pennsylvania Supreme Court (PGW v. PUC, 249 A.3d 963 (Pa. 2021)) in the above-described litigation, SBG is entitled to damages based on the amounts paid by them to satisfy the judgments (docketed municipal liens) against them for unpaid gas service. In their complaint, Plaintiffs allege they have incurred hundreds of millions of dollars in damages from PGW's billing practices since at least 2004 and are seeking a refund of late payment charges paid to PGW in excess of \$10.2 million, as well as other substantial (including punitive and treble) damages, interest, costs, fees and penalties based upon allegations of unjust enrichment, fraud, and unfair trade practices arising from PGW's late payment charges. PGW filed its response to the complaint in September 2021, wherein it raised objections and defenses to all of the causes of action raised in the complaint. On January 20, 2022, the Court issued an order in response to PGW's Preliminary Objections, dismissing two of SBG's claim with prejudice (fraud

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<sup>2</sup> Questions on remand: 1. Whether the PA Supreme Court's opinion and order in Appeal of: SBG Management Services, 249 A.3d 963 (Pa. No. 14 EAP 2020, filed April 29, 2021), applies retroactively to the case at bar; 2. Whether the [Commission's] orders violate [PGW's] constitutional rights to due process by, without prior notice, announcing, applying and enforcing a new legal interpretation against [PGW] in the context of individual consumer complaints; 3. Whether substantial evidence of record supports the Commission's imposition of a civil penalty and whether the Commission abused its discretion and acted arbitrarily and capriciously in imposing penalties; 4. Whether the Commission's mandate for system-wide modifications is arbitrary and capricious and an abuse of the Commission's discretion; and 5. Whether a remand is appropriate to the Commission for a determination of [PGW]'s compliance with the mandate for system-wide modifications or for imposition of a new period in which [PGW] must comply.

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and unfair trade practices), and dismissing a third claim (breach of contract) without prejudice, and leave to SBG to amend its complaint. SBG has subsequently filed multiple amended complaints including a

Third Amended Complaint (“TAC”). The TAC asserts claims of breach of contract (Count 1) and unjust enrichment (Count II). PGW responded by filing preliminary objections to the TAC. On August 10, 2022, the Court sustained one of PGW’s preliminary objections and dismissed the nine other property owners. PGW’s other preliminary objections were overruled. PGW filed an answer with new matter on August 30, 2022. SBG’s reply was filed on September 23, 2022. Under the Court’s Revised Case Management Order, the case will be ready for trial on or after April 3, 2023.

*Pennsylvania Public Utility Commission, Bureau of Investigation and Enforcement v. Philadelphia Gas Works. Docket No. C-2019-3013933.* On December 19, 2019, an explosion occurred on the 1400 Block of South Eighth Street in Philadelphia that resulted in two fatalities. The Commission’s Bureau of Investigation and Enforcement (“BI&E”) conducted an investigation. Part of the investigation is to gather physical evidence at the scene as described in 49 CFR 190.203.

On July 15, 2022, BI&E filed a formal complaint against PGW alleging violations of the Public Utility Code arising from the incident. The formal complaint seeks corrective actions and civil penalties of \$1,311,882. PGW responded to the complaint on August 23, 2022, denying the allegations. The proceeding is in the discovery phase. Evidentiary hearings are currently scheduled for April 2023.

**(16) Subsequent Events**

The Company has evaluated events and transactions that occurred between August 31, 2023 and December 21, 2023, which is the date the financial statements were available to be issued, for possible disclosure and recognition in the financial statements and noted the following:

*Rate Case*

On November 9, 2023, the PUC entered its Order and Opinion in the case, which approved an annual operating revenue increase of \$26.2 million, or 3.15% over present rates. The Order and Opinion granted, in part, exceptions filed by the Office of Consumer Advocate (OCA), the Grays Ferry Cogeneration Partnership and Vicinity Energy Philadelphia, the Philadelphia Industrial and Commercial Gas Users Group (PICGUG), and PGW. PGW filed the new tariff November 28, 2023 with rate increase for service rendered on or after November 29, 2023. See note 1(d) for more information regarding the rate case. The Commission will review PGW’s request to reconsider points from the Order. PGW is expecting a final Order at the December 21, 2023 public meeting.

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*WNA Order*

PGW filed a Petition with the commission on August 2, 2022, to become effective October 1, 2022. On December 6, 2022, PGW voluntarily agreed to move the suspension deadline to October 5, 2023. In the Petition, PGW requested: (1) approval of tariff modifications on less than the statutorily established notice of sixty (60) days; and (2) to revise its Gas Service Tariff by adding a control cap to its WNA, to prevent customers from being billed a WNA charge or credit that is greater than 25% of total delivery charges excluding the WNA, on any given bill. In the Order dated September 21, 2023, the Administrative Law Judge (ALJ) found that that the elimination of May from the WNA calculation is just and reasonable. This means that the new applicable period for the WNA to be applied will be October 1 through April 30. The ALJ affirmed that removing May from the WNA formula will help eliminate rate shock resulting from abnormal weather patterns. Additionally, the ALJ found that although the removal of May from the WNA calculation is an effective fix to the issues with the WNA in the short-term, a more in-depth review of the WNA mechanism, as it functions for PGW's customers, should be undertaken in the future. Accordingly, the ALJ recommended that the Commission direct PGW to address issues with the WNA when it files its next Base Rate Case after 2023.

*Retirees*

Effective September 1, 2023, PGW provides its Medicare eligible retirees a Blue Medicare Advantage Secure Preferred (PPO) Medical plan. The new plan will replace PGW's Medicare supplemental insurance called Medigap Plan F. The change was estimated to save PGW almost \$2.4 million over a two year period.

**PHILADELPHIA GAS WORKS**  
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Required Supplementary Information (Unaudited)

Schedule of Changes in Net Pension Liability and Related Ratios

(Thousands of U.S. dollars)

	Fiscal year ending									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Total pension liability:										
Service cost	\$ 8,713	7,152	7,178	6,400	6,554	6,103	5,823	5,399	4,890	8,924
Interest cost	56,413	55,276	55,454	56,893	57,241	55,718	55,443	55,903	52,377	47,098
Differences between expected and actual experience	1,923	9,665	2,057	(3,034)	(12,089)	15,706	2,182	(8,840)	17,961	59,326
Changes in assumptions	—	1,481	22,923	(24,891)	(1,834)	(3,864)	(7,952)	26,748	44,876	—
Benefit payments	(60,313)	(58,502)	(56,647)	(55,061)	(53,893)	(52,627)	(51,376)	(50,447)	(46,917)	(42,913)
Net change in total pension liability	6,736	15,072	30,965	(19,693)	(4,021)	21,036	4,120	28,763	73,187	72,435
Total pension liability (beginning)	826,830	811,758	780,793	800,486	804,507	783,471	779,351	750,588	677,401	604,966
Total pension liability (ending)	833,566	826,830	811,758	780,793	800,486	804,507	783,471	779,351	750,588	677,401
Plan fiduciary net position:										
Contributions – employer	30,000	30,043	29,728	29,414	28,570	29,143	27,918	21,123	21,106	24,934
Contributions – employee	2,215	1,854	1,607	1,520	1,249	1,078	852	602	393	239
Net investment income (loss)	66,844	(80,989)	155,840	14,286	34,260	44,310	61,003	2,872	24,472	75,303
Benefit payments	(60,313)	(58,502)	(56,647)	(55,061)	(53,893)	(52,627)	(51,376)	(50,447)	(46,917)	(42,913)
Administrative expense	(361)	(200)	(217)	(168)	(192)	(184)	(129)	(1,611)	(1,480)	(732)
Net change in fiduciary net position	38,385	(107,794)	130,311	(10,009)	9,994	21,720	38,268	(27,461)	(2,426)	56,831
Plan fiduciary net position (beginning)	565,748	673,542	543,231	553,240	543,246	521,526	483,258	510,719	513,145	456,314
Plan fiduciary net position (ending)	604,133	565,748	673,542	543,231	553,240	543,246	521,526	483,258	510,719	513,145
Net pension liability (ending)	\$ 229,433	261,082	138,216	237,562	247,246	261,261	261,945	296,093	239,869	164,256
Net position as a percentage of total pension liability	72.48 %	68.42 %	82.97 %	69.57 %	69.11 %	67.53 %	66.57 %	62.01 %	68.04 %	75.75 %
Covered payroll for the year ended June 30,	\$ 102,709	97,435	97,959	95,934	98,453	101,271	94,767	90,860	95,187	103,530
Net pension liability as a percentage of covered payroll	223.38 %	267.96 %	141.10 %	247.63 %	251.13 %	257.98 %	276.41 %	325.88 %	252.00 %	158.66 %

Notes to schedule:

The amounts presented in each fiscal year were determined as of the June 30 that occurred within the fiscal year.

Historical information:

The Company has presented the information noted above for those years for which information is available.

Ten-year trend information will be presented prospectively.

Changes in assumptions:

Investment Rate of Return: 7.00% in 2021-2023, 7.30% in 2016-2020, 7.65% in 2015, and 7.95% in 2014.

Mortality Rates Adopted:

PRI-2012 mortality tables projected generationally from the central year using Scale MP-2021 in FY 2023 and FY 2022.

PRI-2012 mortality tables projected generationally from the central year using Scale MP-2020 in FY 2020 and FY 2021.

RP-2014 static mortality table in FY 2016 generationally projected with scale MP-2015 in FY 2016, MP-2016 in FY 2017, MP-2017 in FY 2018, and MP-2018 in FY 2019.

RP-2000 static mortality projected to the year of valuation prior to FY 2018.

Unaudited – see accompanying independent auditors' report.

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Required Supplementary Information (Unaudited)  
Schedule of Pension Contributions  
(Thousands of U.S. dollars)

Fiscal year ending	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Actuarially determined contribution	\$ 26,084	26,151	23,492	26,844	28,797	28,395	29,260	26,476	21,526	24,385
Contributions made	30,000	30,000	30,000	29,227	28,797	28,395	29,260	26,476	21,526	24,385
Contribution deficiency/(excess)	\$ (3,916)	(3,849)	(6,508)	(2,383)	—	—	—	—	—	—
Covered payroll for the year ended August 31,	\$ 99,076	92,374	93,601	94,634	99,494	97,431	91,176	87,416	91,579	99,606
Contributions as a percent of covered payroll	30.28 %	32.48 %	32.05 %	30.88 %	28.94 %	29.14 %	32.09 %	30.29 %	23.51 %	24.48 %

Notes to schedule:

Actuarial Valuation Date: July 1 for FY 2015-2023 and September 1 for prior periods.

Methods and assumptions used to determine contributions:

Actuarial Cost Method: Projected Unit Credit.

Asset Valuation Method: Assets smoothed over a five-year period beginning in FY 2016 and Market Value in FY 2015 and prior periods.

Amortization Method: Contributions based on greater of 20-year level dollar open amortization method or 30-year level dollar closed amortization method.

Salary Increases:

Varies by participant years of service (see Note 10(e)).

4.5% in 2019 and prior periods.

General Inflation: 2.00%.

Investment Rate of Return: 7.00% in FY 2023-2021, 7.30% in FY 2020-2016, 7.65% in FY 2015, and 7.95% in FY 2014 and prior.

Mortality Rates: Adopted RP-2014 static mortality table in FY 2016 generationally projected.

PRI-2012 mortality tables projected generationally from the central year using Scale MP-2021 in FY 2023 and FY 2022.

PRI-2012 mortality tables projected generationally from the central year using Scale MP-2020 in FY 2020 and FY 2021.

RP-2014 static mortality table in FY 2016 generationally projected with scale MP-2015 in FY 2016, MP-2016 in FY 2017, MP-2017 in FY 2018, and MP-2018 in FY 2019.

RP-2000 static mortality projected to the year of valuation prior to FY 2018.

Unaudited – see accompanying independent auditors' report.

**PHILADELPHIA GAS WORKS**

(A Component Unit of the City of Philadelphia)

Required Supplementary Information (Unaudited)

Schedule of Changes in the Net OPEB Liability and Related Ratios

(Thousand of U.S. Dollars)

	Fiscal year ending						
	2023	2022	2021	2020	2019	2018	2017
Total OPEB liability:							
Service cost	\$ 6,597	5,762	4,999	5,867	6,268	5,180	5,315
Interest cost	35,641	36,577	35,387	37,374	40,262	38,182	39,961
Differences between expected and actual experience	695	(25,286)	(30,648)	(16,787)	(64,606)	(5,345)	(30,973)
Changes in assumptions	(3,089)	15,652	31,995	(24,572)	7,707	61,382	(6,481)
Benefit payments	<u>(25,677)</u>	<u>(25,197)</u>	<u>(27,636)</u>	<u>(28,845)</u>	<u>(28,729)</u>	<u>(29,747)</u>	<u>(30,370)</u>
Net change in total OPEB liability	14,167	7,508	14,097	(26,963)	(39,098)	69,652	(22,548)
Total OPEB liability (beginning)	515,175	507,667	493,570	520,533	559,631	489,979	512,527
Total OPEB liability (ending)	<u>\$ 529,342</u>	<u>515,175</u>	<u>507,667</u>	<u>493,570</u>	<u>520,533</u>	<u>559,631</u>	<u>489,979</u>
Plan fiduciary net position:							
Contributions – employer	\$ 44,177	43,697	46,136	47,345	47,229	48,247	48,870
Investment income	(63,740)	41,417	42,258	42,444	(14,754)	22,669	10,710
Benefit payments	(25,677)	(25,197)	(27,636)	(28,845)	(28,729)	(29,747)	(30,370)
Administrative, investment management expenses and bank fees	(68)	(52)	(40)	(37)	(35)	(49)	(30)
Net change in plan fiduciary net position	(45,308)	59,865	60,718	60,907	3,711	41,120	29,180
Plan fiduciary net position (beginning)	365,944	306,079	245,361	184,454	180,743	139,623	110,443
Plan fiduciary net position (ending)	<u>320,636</u>	<u>365,944</u>	<u>306,079</u>	<u>245,361</u>	<u>184,454</u>	<u>180,743</u>	<u>139,623</u>
Net OPEB liability (ending)	<u>\$ 208,706</u>	<u>149,231</u>	<u>201,588</u>	<u>248,209</u>	<u>336,079</u>	<u>378,888</u>	<u>350,356</u>
Plan fiduciary net position as a percentage of the total OPEB liability	60.6 %	71.0 %	60.3 %	49.7 %	35.4 %	32.3 %	28.5 %
Covered employee payroll as of December 31,	121,467	115,798	127,907	125,270	120,132	118,636	109,440
Net OPEB liability as a percentage of covered employee payroll	171.82 %	128.87 %	157.61 %	198.14 %	279.76 %	319.37 %	320.14 %

Notes to Schedule:

The amounts presented for each fiscal year were determined as of the calendar-year end that occurred within the fiscal year.

Historical information:

The Company has presented the information noted above for those years for which information is available.

Ten-year trend information will be presented prospectively.

Changes in assumptions:

Salary increases: ranges from 8.86% for new hires to 3.71% for employees with 20+ years of service.

Discount rate: 7.00% in 2023 and 2022; 7.30% in 2021, 2020, 2019, 2018, and 2017.

Inflation Rate: 2.5% in 2023; 2.0% in 2022, 2021, 2020, 2019, 2018, and 2017.

Mortality Rates:

Preretirement Mortality is assumed to follow Pri-2012 Total Employee Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Preretirement Mortality is assumed to follow Pri-2012 Total Employee Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Postretirement Mortality is assumed to follow Pri-2012 Total Retiree Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Postretirement Mortality is assumed to follow Pri-2012 Total Retiree Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Disabled Retirement Mortality is assumed to use Pri-2012 Total Disabled Retiree Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Disabled Retirement Mortality is assumed to use Pri-2012 Total Disabled Retiree Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Mortality is assumed to follow the sex distinct, Pri-2012 Employee, Healthy Annuitant, and Disabled Retiree Mortality Tables projected with scale MP-2020 in 2022.

Mortality is assumed to follow the sex distinct, Pri-2012 Employee, Healthy Annuitant, and Disabled Retiree Mortality Tables projected with scale MP-2019 in 2021 and 2020.

Adopted the sex-distinct U.S. Public Pension General (PUB-G) Employee, Healthy Annuitant and Disabled Retiree Mortality Tables in 2019.

Adopted the sex-distinct RP-2014 Employee, Healthy Annuitant and Disabled Retiree in 2018 and 2017.

Mortality Tables: (head-count weighted) projection with scale MP-2021 in 2022, MP-2020 in 2021 and 2020, MP-2019 in 2019, MP-2018 in 2018, and MP-2017 in 2017.

Unaudited – See accompanying independent auditors' report.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Required Supplementary Information (Unaudited)  
Schedule of OPEB Contributions  
(Thousand of U.S. Dollars)

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Actuarially determined contribution	\$ 23,271	19,085	22,541	25,972	33,405	37,638	37,639	41,782	37,980	38,062
Contributions made	45,044	42,248	44,880	47,104	47,548	47,114	48,065	49,551	48,847	44,362
Contribution deficiency/(excess)	\$ <u>(21,773)</u>	<u>(23,163)</u>	<u>(22,339)</u>	<u>(21,132)</u>	<u>(14,143)</u>	<u>(9,476)</u>	<u>(10,426)</u>	<u>(7,769)</u>	<u>(10,867)</u>	<u>(6,300)</u>
Covered employee payroll as of August 31,	140,442	136,105	135,243	131,595	128,642	130,171	119,667	112,956	114,074	115,174
Contributions as a percent of covered employee payroll	32.07 %	31.04 %	33.18 %	35.79 %	36.96 %	36.19 %	40.17 %	43.87 %	42.82 %	38.52 %

Notes to schedule:

Actuarial Valuation Date: December 31, 2022, 2021 and 2020 for fiscal year 2023, 2022, and 2021, respectively, September 1 (beginning of each fiscal year) in prior periods.

Methods and assumptions used to determine contributions:

Actuarial Cost Method: Entry Age Level Percent of Pay Cost Method FY 2023 and FY 2022; Entry Age Normal Cost Method for FY 2021 and prior.

Asset Valuation Method: Market Value

Per Capita Claims: ASOP Actuarial Standards

Salary Increases: Varies by participant years of service (see Note 11(e)) in FY 2023, FY 2022, and FY 2021; 4.5% in FY 2015 through FY 2020; and 3.0% in prior periods.

General Inflation: 2.5% in FY 2023; 2.0% in FY 2022, FY 2021 and FY 2020; 3.0% in prior period.

Participation Rates: Assumed 100.0% of future retirees who meet the eligibility requirements will participate in the OPEB plan. Current retirees who have opted out of coverage are assumed to continue to receive opt out payments in the future.

Life Insurance: The claims cost for life insurance is based on the actuarial present value of projected life insurance claims in FY 2023 and FY 2022.

Life Insurance: The claims cost for life insurance is based on the actuarial present value of projected life insurance claims increased by 15.0% to reflect the cost of the insurance funding vehicle in prior fiscal years.

Discount rate: 7.00% in 2023 and 2022; 7.30% in 2021 through 2017; 7.95% in FY 2016 through FY 2013; 8.00% in FY 2012 .

Mortality Rates: Adopted:

Preretirement Mortality is assumed to follow Pri-2012 Total Employee Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Preretirement Mortality is assumed to follow Pri-2012 Total Employee Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Postretirement Mortality is assumed to follow Pri-2012 Total Retiree Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Postretirement Mortality is assumed to follow Pri-2012 Total Retiree Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Disabled Retirement Mortality is assumed to use Pri-2012 Total Disabled Retiree Headcount Weighted Table, Projected with SOA Scale MP-2021 in 2022.

Disabled Retirement Mortality is assumed to use Pri-2012 Total Disabled Retiree Amount Weighted Table, Projected with SOA Scale MP-2020 in 2021.

Mortality is assumed to follow the sex distinct, Pri-2012 Employee, Healthy Annuitant, and Disabled Retiree Mortality Tables projected with scale MP-2020 in 2022.

Mortality is assumed to follow the sex distinct, Pri-2012 Employee, Healthy Annuitant, and Disabled Retiree Mortality Tables projected with scale MP-2019 in 2021 and 2020.

Sex-distinct U.S. Public Pension General (PUB-G) Employee, Healthy Annuitant and Disabled Retiree Mortality Tables in 2019.

Sex-distinct RP-2014 Employee, Healthy Annuitant and Disabled Retiree Mortality tables (head-count weighted) projection with scale MP-2018 in FY 2019, MP-2017 in FY 2018, MP-2016 in FY 2017, MP-2015 in FY 2016, and MP-2014 in FY 2015.

2014 Static Annuitant and Non-Annuitant Mortality table as set forth in Treasury Regulation Section 1.430(h)(3)-1e in FY 2014.

See accompanying independent auditors' report.



## STATISTICAL SECTION

In February 2023, PGW held its inaugural Energy Innovation Symposium, hosting leading voices in Philadelphia's clean energy landscape. Additionally, FY 2023 saw PGW replace 32.03 miles of natural gas lines, and reduce methane emissions by 6,640 metric tons of CO<sub>2</sub>e.

From ideating the future of energy technologies, to initiatives that enable PGW to reduce methane emissions, PGW is well situated to accelerate innovation in the energy field.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Statistical Section  
Description of Schedules  
August 31, 2023

This section of the Company's comprehensive annual financial report presents comparative information in order to better understand the financial statements, note disclosures, and required supplementary information and to more fully comprehend the Company's overall financial health.

**Financial Trends**

These schedules contain trend information to help the reader understand how the Company's financial performance and wellbeing have changed over time.

**Revenue Capacity**

These schedules contain information to help the reader assess the Company's revenue.

**Debt Capacity**

These schedules present information to help the reader assess the affordability of the Company's current levels of outstanding debt and its ability to issue additional debt in the future.

**Demographic and Economic Information**

These schedules offer demographic and economic indicators to help the reader understand the environment within which the Company's financial activities take place.

**Operating Information**

These schedules contain service and infrastructure data to help the reader understand how the information in the Company's financial report relates to the services the Company provides and the activities it performs.

**Sources**

Unless otherwise noted, the information in these schedules is derived from the audited financial statements for the relevant year.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Balance Sheets  
Fiscal Years 2014 through 2023  
(Thousands of U.S. dollars)

<b>Assets</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
<b>Current assets:</b>			
Cash and cash equivalents	139,302	115,637	158,265
Cash designated for capital expenditures	-	-	-
Accounts receivable (net of provision for uncollectible accounts)	91,957	107,001	81,991
Gas inventories, materials, and supplies	79,454	92,876	53,373
Current portion of capital improvement fund	43,730	107,822	93,600
Workers' compensation escrow fund	2,778	2,667	2,740
Health insurance escrow fund	-	-	-
Other current assets <sup>(3) (4)</sup>	15,385	16,191	12,738
Total current assets	<u>372,606</u>	<u>442,194</u>	<u>402,707</u>
<b>Noncurrent assets</b>			
Utility plant, at original cost:			
In service	2,902,469	2,810,896	2,700,055
Lease assets <sup>(3)</sup>	80,351	1,202	2,541
Software subscriptions <sup>(4)</sup>	8,135	8,438	-
Under construction	161,751	141,469	105,321
Total	<u>3,152,706</u>	<u>2,962,005</u>	<u>2,807,917</u>
Less accumulated depreciation	1,329,678	1,299,288	1,239,513
Less accumulated depreciation - lease assets <sup>(3)</sup>	2,488	855	1,696
Less accumulated depreciation - software subscriptions <sup>(4)</sup>	5,071	4,053	-
Utility plant, net	<u>1,815,469</u>	<u>1,657,809</u>	<u>1,566,708</u>
Unamortized bond issuance costs	681	725	784
Capital improvement fund	-	4,851	91,322
Sinking fund, revenue bonds	109,581	106,188	107,684
Regulatory asset - environmental	23,610	28,871	27,572
Regulatory asset - pandemic	30,485	30,674	32,497
Other noncurrent assets	3,665	4,647	5,927
Total noncurrent assets	<u>1,983,491</u>	<u>1,833,765</u>	<u>1,832,494</u>
Total assets	<u>2,356,097</u>	<u>2,275,959</u>	<u>2,235,201</u>
<b>Deferred outflows of resources</b>			
Accumulated fair value of hedging derivatives	-	-	9,117
Unamortized losses on bond refunding	19,763	23,321	27,487
Deferred outflows related to pension <sup>(1)</sup>	29,060	68,189	24,575
Deferred outflows related to OPEB <sup>(2)</sup>	100,068	62,576	71,721
Total deferred outflows of resources	<u>148,891</u>	<u>154,086</u>	<u>132,900</u>
Total assets and deferred outflows of resources	<u>2,504,988</u>	<u>2,430,045</u>	<u>2,368,101</u>

(1) During FY 2015, the Company implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions - an Amendment of GASB Statement No. 27*, that improves accounting and financial reporting by state and local governments for pensions, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date—an amendment of GASB Statement No. 68*, to address an issue regarding application of the transition provisions of Statement No. 68, *Accounting and Financial Reporting for Pensions*. This change was retroactive to FY 2014.

(2) During FY 2018, the Company implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, for purposes of measuring the net OPEB liabilities, deferred outflows of resources and deferred inflows of resources related to the OPEB Plans, and the OPEB Plans expense, information about the fiduciary net position of the OPEB Plan, and additions to/deductions from the OPEB Plans' fiduciary net position are determined on the same basis as they are reported by the OPEB Plans. This change was retroactive to FY 2017.

Source - PGW's Audited Financial Statements



2020	2019	2018	2017	2016	2015	2014
172,267	124,145	131,051	88,535	91,743	114,327	105,734
-	-	-	-	-	-	10,000
83,681	85,989	82,611	82,028	73,563	86,853	101,457
46,706	51,691	52,364	55,414	47,891	50,908	69,989
-	68,634	61,000	55,000	-	-	-
2,736	2,711	2,646	2,616	2,603	2,597	2,597
-	-	-	-	-	3,223	3,223
18,485	18,143	18,002	28,714	31,017	13,596	19,221
323,875	351,313	347,674	312,307	246,817	271,504	312,221
2,585,092	2,486,973	2,394,302	2,244,731	2,178,632	2,093,112	2,018,234
-	-	-	-	-	-	-
-	-	-	-	-	-	-
86,349	87,826	75,953	105,393	73,531	64,254	57,206
2,671,441	2,574,799	2,470,255	2,350,124	2,252,163	2,157,366	2,075,440
1,180,021	1,123,329	1,066,299	1,012,009	967,353	924,996	881,888
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1,491,420	1,451,470	1,403,956	1,338,115	1,284,810	1,232,370	1,193,552
233	258	290	322	512	3,473	14,136
-	-	50,815	110,000	-	-	-
102,824	106,509	103,255	102,202	86,652	90,141	105,909
33,758	37,102	31,593	30,010	28,425	-	-
-	-	-	-	-	-	-
7,242	6,054	9,057	11,301	6,364	37,646	37,528
1,635,477	1,601,393	1,598,966	1,591,950	1,406,763	1,363,630	1,351,125
1,959,352	1,952,706	1,946,640	1,904,257	1,653,580	1,635,134	1,663,346
13,888	10,332	594	7,911	14,763	20,948	18,879
31,947	36,776	42,054	47,614	57,175	37,471	37,051
24,408	14,421	24,943	39,400	88,043	78,128	46,131
61,198	91,175	81,048	33,076	-	-	-
131,441	152,704	148,639	128,001	159,981	136,547	102,061
2,090,793	2,105,410	2,095,279	2,032,258	1,813,561	1,771,681	1,765,407

- (3) During FY 2022, the Company implemented GASB Statement No. 87, *Leases*, that revises existing standards for measuring and reporting operating and capital leases. GASB 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right to use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources. This change was retroactive to FY 2021.
- (4) During FY 2023, the Company implemented GASB Statement No. 96, *Subscription Based Information Technology Arrangements (SBITA)*, that revises existing standards for measuring and reporting software subscriptions. Under this statement, SBITA's end user is required to recognize a liability and an intangible right to use asset, and a software vendor, involving software subscriptions, is required to recognize a receivable and a deferred inflow of resources. This change was retroactive to FY 2022.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Balance Sheets  
Fiscal Years 2014 through 2023  
(Thousands of U.S. dollars)

<b>Fund Equity and Liabilities</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
<b>Current liabilities:</b>			
Notes payable	-	-	-
Current portion of revenue bonds	70,110	64,202	65,417
Accounts payable	80,632	96,764	79,928
Current portion of long-term liabilities	7,947	5,927	5,552
Customer deposits	2,653	2,262	1,659
Current portion of lease liabilities <sup>(3)</sup>	1,329	131	554
Current portion of software subscription liabilities <sup>(4)</sup>	1,838	1,856	-
Other current liabilities	47,970	6,164	35,363
<b>Accrued accounts:</b>			
Interest, taxes, and wages	13,786	14,388	14,751
Distribution to the City	3,000	3,000	3,000
Total current liabilities	229,265	194,694	206,224
<b>Non current liabilities:</b>			
Long-term revenue bonds	980,578	1,050,687	1,122,609
Long-term lease liabilities <sup>(3)</sup>	58,642	114	150
Long-term software subscription liabilities <sup>(4)</sup>	-	1,770	-
Other noncurrent liabilities <sup>(2)</sup>	24,350	36,927	51,681
Net pension liability <sup>(1)</sup>	229,433	261,082	138,216
Net OPEB liability <sup>(2)</sup>	208,706	149,231	201,588
Total noncurrent liabilities	1,501,709	1,499,811	1,514,244
Total liabilities	1,730,974	1,694,505	1,720,468
<b>Deferred Inflows of Resources</b>			
Deferred inflows related to gain on bond refunding	156	168	181
Deferred inflows related to pension <sup>(1)</sup>	-	5,937	94,514
Deferred inflows related to OPEB <sup>(2)</sup>	40,372	102,608	102,885
Accumulated fair value of hedging derivatives	5,204	2,478	-
Total deferred inflows of resources	45,732	111,191	197,580
Total liabilities and deferred inflows of resources	1,776,706	1,805,696	1,918,048
<b>Net position</b>			
Excess (deficiency) of net investment in capital assets <sup>(3) (4)</sup>	828,274	678,913	591,091
Restricted (debt service and workers' compensation)	112,359	108,855	110,424
Unrestricted <sup>(1) (2) (3) (4)</sup>	(212,351)	(163,419)	(251,462)
Total net position	728,282	624,349	450,053
Total liabilities, deferred inflows of resources, and net position	2,504,988	2,430,045	2,368,101

(1) During FY 2015, the Company implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions - an Amendment of GASB Statement No. 27*, that improves accounting and financial reporting by state and local governments for pensions, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date—an amendment of GASB Statement No. 68*, to address an issue regarding application of the transition provisions of Statement No. 68, *Accounting and Financial Reporting for Pensions*. This change was retroactive to FY 2014.

(2) During FY 2018, the Company implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, for purposes of measuring the net OPEB liabilities, deferred outflows of resources and deferred inflows of resources related to the OPEB Plans, and the OPEB Plans expense, information about the fiduciary net position of the OPEB Plan, and additions to/deductions from the OPEB Plans' fiduciary net position are determined on the same basis as they are reported by the OPEB Plans. This change was retroactive to FY 2017.

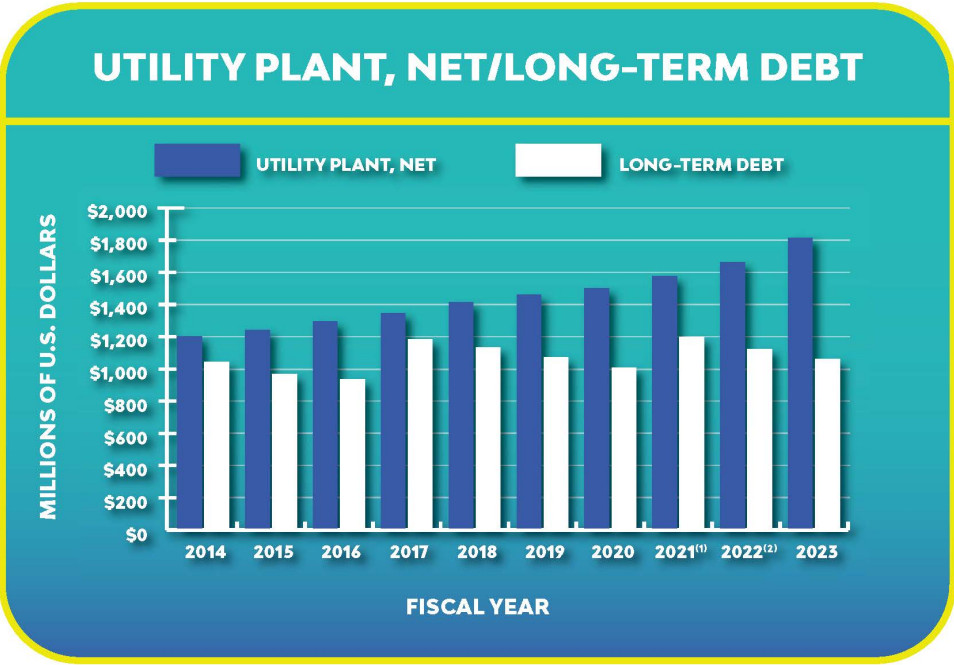
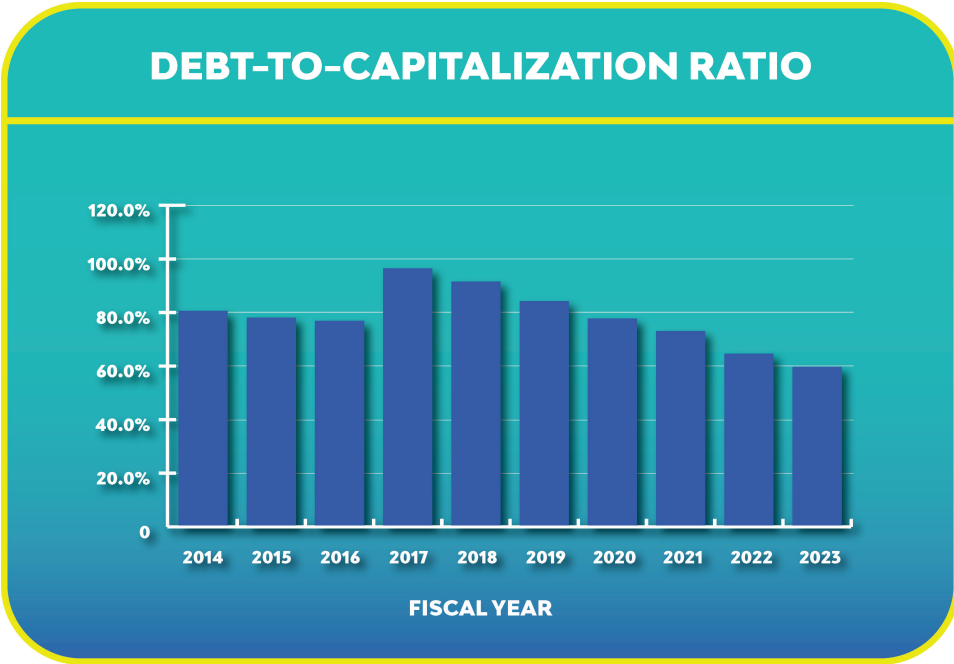
Source - PGW's Audited Financial Statements

<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
-	-	-	-	71,000	30,000	-
63,103	62,946	62,709	49,890	44,803	43,030	53,227
69,657	67,530	72,620	54,922	55,870	56,027	58,888
6,463	6,313	7,216	5,828	6,808	-	-
2,282	3,090	2,644	3,385	3,308	2,858	2,245
-	-	-	-	-	-	-
-	-	-	-	-	-	-
31,088	6,178	15,220	6,005	6,983	14,091	19,321
14,115	12,406	11,969	12,956	6,417	10,051	14,646
3,000	3,000	3,000	3,000	3,000	3,000	3,000
<u>189,708</u>	<u>161,463</u>	<u>175,378</u>	<u>135,986</u>	<u>198,189</u>	<u>159,057</u>	<u>151,327</u>
936,721	999,474	1,062,763	1,125,473	881,620	914,719	980,749
-	-	-	-	-	-	-
-	-	-	-	-	-	-
63,395	65,482	55,889	65,686	149,621	168,399	179,265
237,562	247,246	261,261	261,945	296,093	239,869	164,256
<u>248,209</u>	<u>336,079</u>	<u>378,888</u>	<u>350,356</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>1,485,887</u>	<u>1,648,281</u>	<u>1,758,801</u>	<u>1,803,460</u>	<u>1,327,334</u>	<u>1,322,987</u>	<u>1,324,270</u>
<u>1,675,595</u>	<u>1,809,744</u>	<u>1,934,179</u>	<u>1,939,446</u>	<u>1,525,523</u>	<u>1,482,044</u>	<u>1,475,597</u>
-	-	-	-	-	-	-
28,147	18,230	13,266	12,275	-	11,653	31,808
91,524	69,874	36,134	30,920	-	-	-
-	-	-	-	-	-	-
<u>119,671</u>	<u>88,104</u>	<u>49,400</u>	<u>43,195</u>	<u>-</u>	<u>11,653</u>	<u>31,808</u>
<u>1,795,266</u>	<u>1,897,848</u>	<u>1,983,579</u>	<u>1,982,641</u>	<u>1,525,523</u>	<u>1,493,697</u>	<u>1,507,405</u>
523,543	494,460	432,354	375,366	415,561	274,621	159,576
105,560	109,220	105,901	104,818	89,255	95,962	111,729
<u>(333,576)</u>	<u>(396,118)</u>	<u>(426,555)</u>	<u>(430,567)</u>	<u>(216,778)</u>	<u>(92,599)</u>	<u>(13,303)</u>
<u>295,527</u>	<u>207,562</u>	<u>111,700</u>	<u>49,617</u>	<u>288,038</u>	<u>277,984</u>	<u>258,002</u>
<u>2,090,793</u>	<u>2,105,410</u>	<u>2,095,279</u>	<u>2,032,258</u>	<u>1,813,561</u>	<u>1,771,681</u>	<u>1,765,407</u>

(3) During FY 2022, the Company implemented GASB Statement No. 87, *Leases*, that revises existing standards for measuring and reporting operating and capital leases. GASB 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right to use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources. This change was retroactive to FY 2021.

(4) During FY 2023, the Company implemented GASB Statement No. 96, *Subscription Based Information Technology Arrangements (SBITA)*, that revises existing standards for measuring and reporting software subscriptions. Under this statement, SBITA's end user is required to recognize a liability and an intangible right to use asset, and a software vendor, involving software subscriptions, is required to recognize a receivable and a deferred inflow of resources. This change was retroactive to FY 2022.

**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Debt to Total Capitalization Ratio and  
 Utility Plant, Net/Long-Term Debt  
 Fiscal Years 2014 through 2023

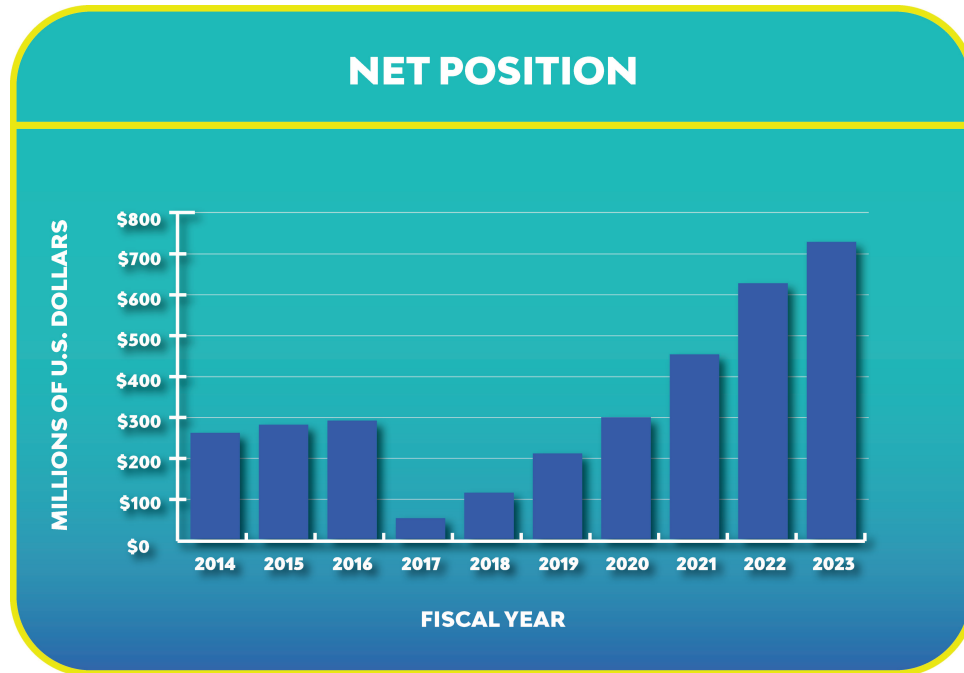


(1) For FY 2021 and forward Utility Plant, Net includes lease assets due to the implementation of GASB Statement No. 87, *Leases*.

(2) For FY 2022 and forward Utility Plant, Net includes software subscription assets due to the implementation of GASB Statement No. 96, *Subscription Based Information Technology Arrangements*.

Note: The total for debt includes revenue bonds, unamortized discounts, and unamortized premiums.

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Net Position  
Fiscal Years 2014 through 2023



**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
**Statements of Revenues and Expenses**  
Fiscal Years 2014 through 2023  
(Thousands of U.S. Dollars)

	2023	2022	2021
Operating revenues:			
Gas revenues:			
Nonheating	25,914	32,064	23,122
Gas transport service	77,530	71,710	67,907
Heating	599,980	687,142	549,982
Provision for uncollectible accounts <sup>(3)</sup>	(40,270)	(25,287)	(16,261)
Total gas revenues	663,154	765,629	624,750
Appliance and other revenues	7,339	6,656	6,019
Other operating revenues	40,533	33,152	15,978
Total operating revenues	711,026	805,437	646,747
Operating expenses:			
Natural gas	223,996	272,468	163,892
Gas processing <sup>(5)</sup>	25,569	24,085	23,294
Field operations <sup>(4) (5) (7)</sup>	89,803	79,542	79,678
Field services <sup>(4)</sup>	-	-	-
Distribution <sup>(4)</sup>	-	-	-
Collection and account management <sup>(5)</sup>	12,894	13,237	13,364
Provision for uncollectible accounts <sup>(3)</sup>	-	-	-
Customer services <sup>(5) (7)</sup>	13,962	12,825	13,762
Marketing <sup>(5)</sup>	3,857	4,433	4,113
Administrative and general <sup>(2) (4) (5) (7)</sup>	66,704	64,535	61,899
Pensions <sup>(1)</sup>	31,544	20,675	(3,146)
Other postemployment benefits <sup>(2)</sup>	4,791	(1,242)	(902)
Taxes	9,121	8,984	8,894
Total operating expenses before depreciation	482,241	499,542	364,848
Depreciation <sup>(5) (7)</sup>	81,962	72,342	69,312
Less depreciation expense included in operating expenses above	-	-	-
Net depreciation	81,962	72,342	69,312
Total operating expenses	564,203	571,884	434,160
Operating income	146,823	233,553	212,587
Investment gain (loss) and other income	14,000	(1,523)	1,322
Income before interest expense	160,823	232,030	213,909
Interest expense:			
Long-term debt	44,776	47,044	48,475
Other <sup>(5) (7)</sup>	(5,886)	(7,447)	(4,561)
Allowance for funds used during construction <sup>(6)</sup>	-	-	(2,413)
Total interest expense	38,890	39,597	41,501
Excess of revenues over expenses prior to City Payment	121,933	192,433	172,408
Distribution to the City of Philadelphia	(18,000)	(18,000)	(18,000)
Excess of revenues over expenses <sup>(1)</sup>	103,933	174,433	154,408
Net position, beginning of the year <sup>(1) (2) (5) (7)</sup>	624,349	449,916	295,645
Net position, end of the year <sup>(1) (2) (5) (7)</sup>	728,282	624,349	450,053

(1) During FY 2015, the Company implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions - an Amendment of GASB Statement No. 27*, that improves accounting and financial reporting by state and local governments for pensions, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date—an amendment of GASB Statement No. 68*, to address an issue regarding application of the transition provisions of Statement No. 68, *Accounting and Financial Reporting for Pensions*. This change was retroactive to FY 2014.

(2) During FY 2018, the Company implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, for purposes of measuring the net OPEB liabilities, deferred outflows of resources and deferred inflows of resources related to the OPEB Plans, and the OPEB Plans expense, information about the fiduciary net position of the OPEB Plan, and additions to/deductions from the OPEB Plans' fiduciary net position are determined on the same basis as they are reported by the OPEB Plans. This change was retroactive to FY 2017.

(3) Starting in FY 2016, the Company reported provision for uncollectible accounts as a reduction of revenue as required by the GASB. Prior to FY 2016, the Company reported provision for uncollectible accounts as an expense.

(4) Presentation of the FY 2018 Statement of Revenue and Expenses was restated in FY 2019 to reflect Distribution, Field Services, and Operations Support Services (OSS) as a single line item – Field operations. Prior to FY 2019 and the FY 2018 restatement, Distribution and Field Services were reported on separate line and OSS was reported as a part of the Administrative and General line of the Statement of Revenue and Expenses.

2020	2019	2018	2017	2016	2015	2014
21,599	25,065	23,492	21,694	21,873	30,753	39,610
62,846	63,565	51,724	44,370	41,008	39,588	41,217
531,436	605,437	583,864	552,342	509,467	605,686	655,311
(44,088)	(29,983)	(30,826)	(29,992)	(27,133)	-	-
571,793	664,084	628,254	588,414	545,215	676,027	736,138
6,190	7,908	8,121	8,199	7,961	8,727	8,317
6,954	12,736	11,124	9,598	10,928	12,493	14,681
584,937	684,728	647,499	606,211	564,104	697,247	759,136
146,754	206,825	186,265	179,230	146,524	252,169	304,051
24,316	22,028	21,644	16,789	17,948	18,180	19,637
78,699	79,341	88,105	-	-	-	-
-	-	-	37,715	36,277	36,874	37,577
-	-	-	41,318	37,173	38,629	36,929
12,408	12,490	11,975	11,200	10,913	11,192	11,273
-	-	-	-	-	34,833	38,848
13,686	13,983	13,904	13,230	12,432	12,262	11,187
3,999	4,232	3,751	3,644	3,671	6,956	7,783
65,521	67,649	63,206	59,372	99,652	93,347	85,872
19,473	30,268	43,159	54,826	62,336	43,748	27,214
10,862	28,351	32,889	28,062	9,929	6,726	11,228
8,957	8,705	8,758	7,890	7,521	7,823	7,687
384,675	473,872	473,656	453,276	444,376	562,739	599,286
64,161	68,186	63,970	54,347	51,679	49,371	47,428
-	-	7,516	6,770	6,231	5,584	5,771
64,161	68,186	56,454	47,577	45,448	43,787	41,657
448,836	542,058	530,110	500,853	489,824	606,526	640,943
136,101	142,670	117,389	105,358	74,280	90,721	118,193
5,594	10,788	4,634	1,989	1,393	3,784	3,597
141,695	153,458	122,023	107,347	75,673	94,505	121,790
43,552	46,136	48,351	39,104	40,296	45,756	48,261
(5,962)	(5,245)	(5,058)	3,312	8,443	11,548	9,380
(1,860)	(1,295)	(1,353)	(1,408)	(1,120)	(781)	(506)
35,730	39,596	41,940	41,008	47,619	56,523	57,135
105,965	113,862	80,083	66,339	28,054	37,982	64,655
(18,000)	(18,000)	(18,000)	(18,000)	(18,000)	(18,000)	(18,000)
87,965	95,862	62,083	48,339	10,054	19,982	46,655
207,562	111,700	49,617	1,278	277,984	258,002	211,347
295,527	207,562	111,700	49,617	288,038	277,984	258,002

(5) During FY 2022, the Company implemented GASB Statement No. 87, *Leases*, that revises existing standards for measuring and reporting operating and capital leases. GASB 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right to use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources. This change was retroactive to FY 2021.

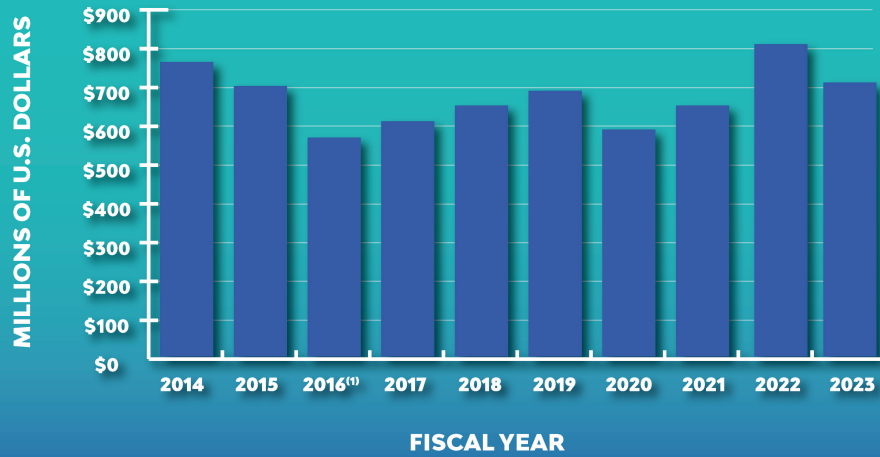
(6) During FY 2022, the Company implemented GASB Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*, which requires that interest cost incurred before the end of a construction period be recognized as an expense in the period in which the cost is incurred. As a result, interest cost incurred before the end of a construction period will not be included in the historical cost of a capital asset reported in a business type activity or enterprise fund. Beginning on September 1, 2021, PGW no longer capitalizes Allowance for Funds Used During Construction (AFUDC).

(7) During FY 2023, the Company implemented GASB Statement No. 96, *Subscription Based Information Technology Arrangements (SBITA)*, that revises existing standards for measuring and reporting software subscriptions. Under this statement, SBITA's end user is required to recognize a liability and an intangible right to use asset, and a software vendor, involving software subscriptions, is required to recognize a receivable and a deferred inflow of resources. This change was retroactive to FY 2022.

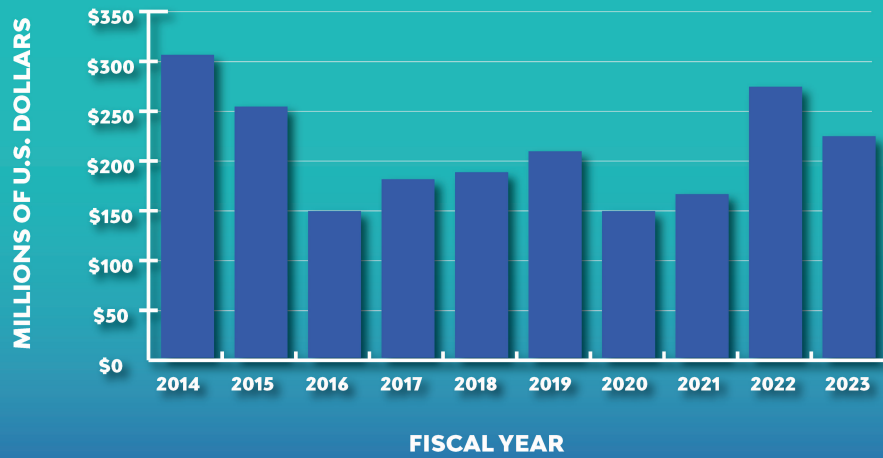
Source - PGW's Audited Financial Statements

**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Operating Revenues and Natural Gas Expenses  
 Fiscal Years 2014 through 2023

### OPERATING REVENUES

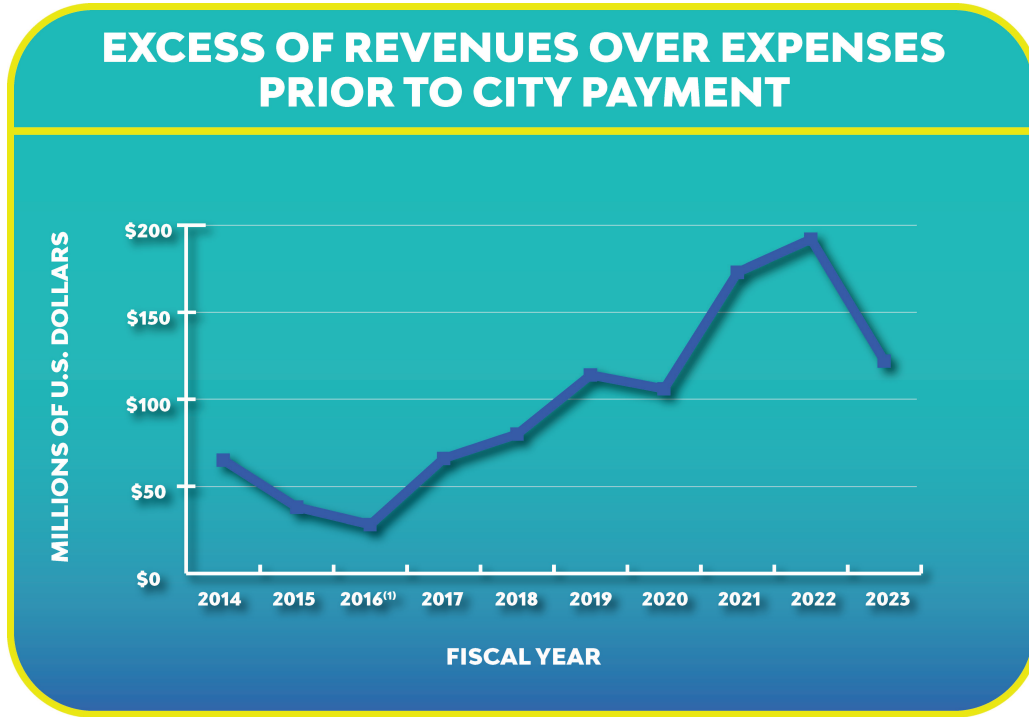


### NATURAL GAS EXPENSE





**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Excess of Revenues Over Expenses  
Prior to City Payment  
Fiscal Years 2014 through 2023



- (1) Starting in FY 2016, the Company reported the provision for uncollectable accounts as a reduction of revenue as required by GASB. Prior to FY 2016, the Company reported the provision for uncollectable accounts as an expense.

**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Average Number of Customers Billed by System  
 Fiscal Years 2014 through 2023

	<b>2023</b>	<b>2022</b>	<b>2021<sup>(2)</sup></b>
Residential	493,100	496,400	498,300
Commercial	25,000	25,000	25,000
Industrial	500	600	700
<b>Total</b>	<b>518,600</b>	<b>522,000</b>	<b>524,000</b>

Source - PGW Records



- (1) PGW's customer count increased in FY 2020 as compared to FY 2019. However, PGW was operating under the Pennsylvania Public Utility Commission's (PAPUC) requirement to extend the moratorium regarding customer shut-offs during the period April 1, 2020 through August 31, 2020. PGW's increased customer count at the end of FY 2020 was principally due to this temporary regulatory action rather than market factors.
- (2) PGW's customer count remained consistent in FY 2021 as compared to FY 2020. PGW was operating under the PAPUC's modification of its March 13, 2020 Emergency Order imposing the moratorium on utility terminations by initiating phase 2 regarding customer protections until December 31, 2021. This continued to inflate PGW's normal customer count at the end of FY 2021.

<b>2020<sup>(1)</sup></b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
498,300	484,300	482,300	479,300	476,300	475,300	474,300
25,000	25,000	25,000	25,000	25,000	25,000	25,000
700	700	700	700	700	700	700
<u>524,000</u>	<u>510,000</u>	<u>508,000</u>	<u>505,000</u>	<u>502,000</u>	<u>501,000</u>	<u>500,000</u>

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Operating Revenues  
Fiscal Years 2014 through 2023  
(Thousands of U.S. dollars)

	<b>2023</b>	<b>2022</b>	<b>2021</b>
Firm non-heat	22,617	24,535	21,267
Interruptible gas sales	5,057	6,338	2,085
Billed non-heating	27,674	30,873	23,352
GCR non-heating adjustment	(1,761)	1,191	(230)
Total non-heating	25,913	32,064	23,122
Billed heating	622,898	632,373	544,653
GCR heating adjustment	(49,080)	30,918	(5,392)
Total billed heating	573,818	663,291	539,261
Weather normalization adjustment (WNA)	28,898	20,523	10,540
Total heating	602,716	683,814	549,801
Total gas sold	628,629	715,878	572,923
Firm transportation (FT) non-heat	5,698	5,428	5,060
FT heating	52,265	47,294	46,112
WNA - FT	3,498	2,637	1,222
Total heating FT	55,763	49,931	47,334
Total FT	61,461	55,359	52,394
Unbilled adjustment	(2,735)	3,329	181
GTS: transportation	1,230	1,177	1,165
GTS - customer/customer choice	11,884	12,695	11,469
GTS - supplier/customer choice	11	11	583
GTS - firm supplier	2,944	2,467	2,296
Total gas revenues	<u>703,424</u>	<u>790,916</u>	<u>641,011</u>

Source - PGW Records

<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
20,496	23,328	23,352	21,588	20,765	27,592	30,324
1,922	1,325	1,059	377	346	3,672	9,068
22,418	24,653	24,411	21,965	21,111	31,264	39,392
(820)	412	(919)	(271)	762	(511)	218
21,598	25,065	23,492	21,694	21,873	30,753	39,610
540,576	592,730	612,556	527,191	454,852	630,286	660,942
(21,686)	11,040	(23,933)	(4,768)	17,424	(12,124)	6,174
518,890	603,770	588,623	522,423	472,276	618,162	667,116
9,683	1,347	(3,848)	27,748	39,021	(10,372)	(11,810)
528,573	605,117	584,775	550,171	511,297	607,790	655,306
550,171	630,182	608,267	571,865	533,170	638,543	694,916
4,963	5,328	5,063	4,559	4,518	4,953	5,671
43,259	42,250	32,591	26,850	22,789	22,468	23,330
1,106	249	42	1,846	2,458	(374)	(488)
44,365	42,499	32,633	28,696	25,247	22,094	22,842
49,328	47,827	37,696	33,255	29,765	27,047	28,513
2,864	320	(911)	2,171	(1,830)	(2,105)	5
1,160	1,161	1,144	1,171	1,231	1,252	1,173
10,381	12,664	11,566	8,938	8,784	10,285	10,278
(561)	12	13	14	11	11	11
2,538	1,901	1,305	992	1,217	994	1,242
<b>615,881</b>	<b>694,067</b>	<b>659,080</b>	<b>618,406</b>	<b>572,348</b>	<b>676,027</b>	<b>736,138</b>

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Sales Volume  
Fiscal Years 2014 through 2023  
(Sales in Mcf)\*

	<b>2023</b>	<b>2022</b>	<b>2021</b>
Firm non-heat	1,231,117	1,443,472	1,504,008
Interruptible gas sales	893,017	1,318,917	492,120
Billed non-heating	2,124,134	2,762,389	1,996,128
Total non-heating	2,124,134	2,762,389	1,996,128
Billed heating	34,506,889	38,515,577	38,797,073
Total billed heating	34,506,889	38,515,577	38,797,073
Total heating	34,506,889	38,515,577	38,797,073
Total gas sold	36,631,023	41,277,966	40,793,201
Firm transportation (FT) non-heat	673,336	648,034	619,706
FT heating	5,387,063	5,070,660	5,147,806
Total heating FT	5,387,063	5,070,660	5,147,806
Total FT	6,060,399	5,718,694	5,767,512
Unbilled adjustment	(19,592)	(50,812)	54,480
GTS: transportation	14,005,836	13,391,475	13,239,471
GTS - customer/customer choice	10,852,841	11,780,092	11,633,361
Utility use	315,456	300,196	296,018
Unaccounted for gas	1,099,948	1,557,842	1,202,717
Less off system sales	(209,730)	(909,962)	-
Total sendout <sup>(1)</sup>	<u>68,736,181</u>	<u>73,065,491</u>	<u>72,986,760</u>
Unaccounted for gas as a % of total sendout	1.6%	2.1%	1.6%
Degree Days <sup>(2)</sup>	3,740	3,853	4,108

\* Mcf = Thousand cubic feet

(1) Total annual sendout excludes all off system sales.

(2) In FY 2021, the source for degree days changed from PGW's Richmond Plant to National Oceanic and Atmospheric Administration (NOAA) which is measured at the Philadelphia International Airport.

Source - PGW Records

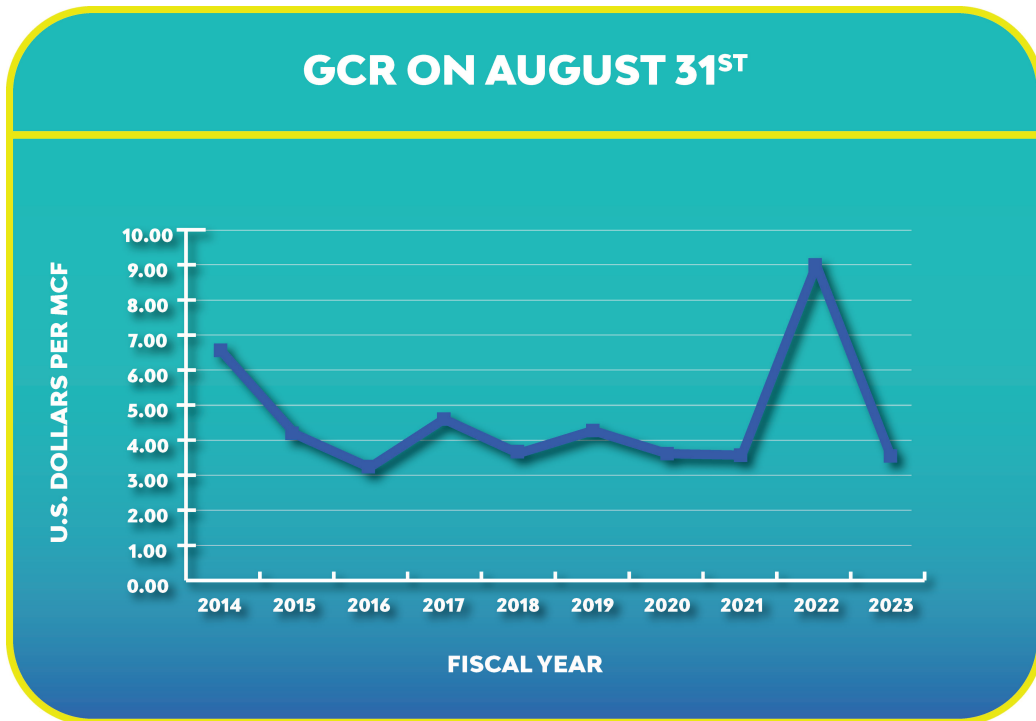
<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
1,416,532	1,618,792	1,592,458	1,508,362	1,568,529	1,912,025	1,955,220
587,757	204,951	165,808	18,420	37,909	514,110	1,096,381
2,004,289	1,823,743	1,758,266	1,526,782	1,606,438	2,426,135	3,051,601
2,004,289	1,823,743	1,758,266	1,526,782	1,606,438	2,426,135	3,051,601
37,583,722	41,603,356	42,925,738	38,464,325	36,115,312	46,504,401	46,577,983
37,583,722	41,603,356	42,925,738	38,464,325	36,115,312	46,504,401	46,577,983
37,583,722	41,603,356	42,925,738	38,464,325	36,115,312	46,504,401	46,577,983
39,588,011	43,427,099	44,684,004	39,991,107	37,721,750	48,930,536	49,629,584
672,219	708,321	664,696	640,312	667,248	764,344	795,971
5,312,963	5,262,884	4,242,257	3,816,219	3,456,099	3,529,555	3,291,193
5,312,963	5,262,884	4,242,257	3,816,219	3,456,099	3,529,555	3,291,193
5,985,182	5,971,205	4,906,953	4,456,531	4,123,347	4,293,899	4,087,164
(20,584)	27,810	521,488	(7,071)	33,433	19,916	95,656
13,167,948	13,150,399	12,926,197	12,630,935	12,796,900	13,166,995	12,069,664
11,603,620	13,843,821	12,833,659	11,612,597	11,303,602	12,837,207	13,201,076
209,460	261,766	263,681	264,016	233,115	343,324	350,974
1,487,570	1,667,421	1,351,894	1,684,675	1,738,806	2,445,717	1,051,828
-	-	-	-	-	-	-
72,021,207	78,349,521	77,487,876	70,632,790	67,950,953	82,037,594	80,485,946
2.1%	2.1%	1.7%	2.4%	2.6%	3.0%	1.3%
3,353	3,995	3,986	3,552	3,356	4,444	4,405

**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Gas Cost Rate (GCR)  
 Fiscal Years 2014 through 2023  
 (U.S. dollars)

	<u>2023</u>	<u>2022</u>	<u>2021</u>
September 1	8.6371	4.8745	3.4107
December 1	8.0242	6.0100	3.8484
March 1	4.9740	5.6123	3.4687
June 1	3.5516	9.0057	3.5700

Shown in dollars per thousand cubic feet

Source - PGW Records





<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
4.6030	3.8633	4.1523	4.2026	4.0724	5.8670	5.4259
4.7175	4.4723	4.6913	4.1577	3.6934	5.9976	5.4473
3.9009	4.8779	3.8857	4.9430	3.4946	4.7059	6.0016
3.6124	4.2724	3.6210	4.5986	3.2179	4.1721	6.5642

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Ratios of Outstanding Debt by Type  
Fiscal Years 2014 through 2023  
(Thousands of U.S. dollars)

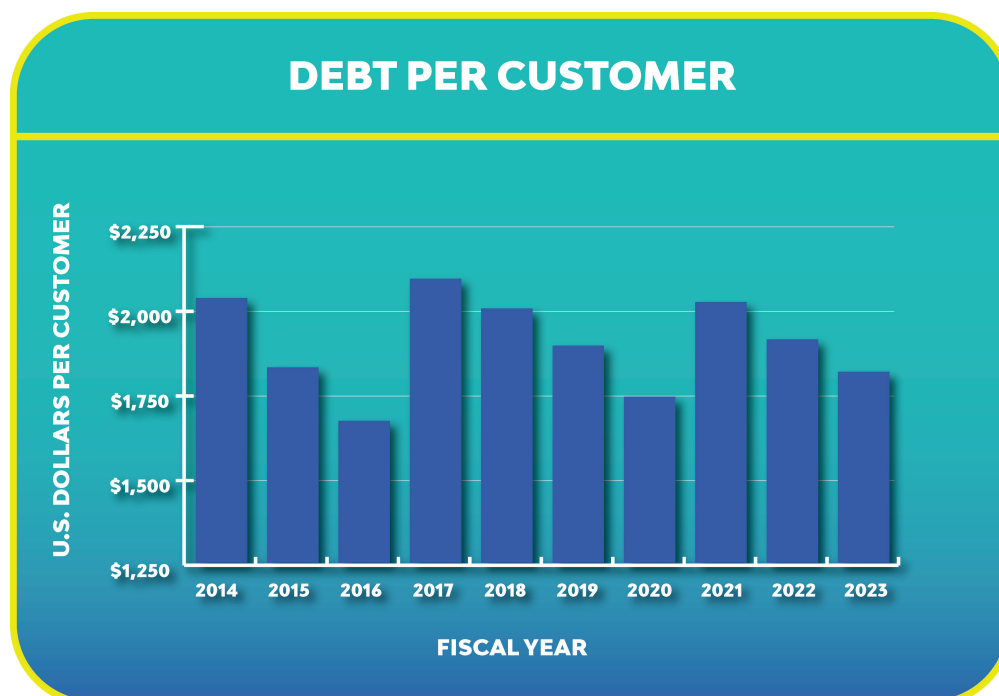
	Revenue Bonds	Unamortized Discount	Unamortized Premium	Total Revenue Bonds	Ratio to Operating Revenue	Operating Revenue	Number of Customers	Debt per Customer (1)(2)(3)
2023	943,250	(44)	107,481	1,050,687	133%	711,026	518,600	1,819
2022	997,020	(48)	117,918	1,114,890	124%	805,437	522,000	1,910
2021	1,058,630	(52)	129,448	1,188,026	164%	646,747	524,000	2,020
2020	911,610	(56)	88,270	999,824	156%	584,937	524,000	1,740
2019	964,480	(60)	98,000	1,062,420	141%	684,728	510,000	1,891
2018	1,016,300	(64)	109,236	1,125,472	157%	647,499	508,000	2,001
2017	1,054,725	(68)	120,706	1,175,363	174%	606,211	505,000	2,089
2016	837,830	(110)	88,703	926,423	149%	564,104	502,000	1,669
2015	915,175	(786)	43,360	957,749	131%	697,247	501,000	1,827
2014	1,015,920	(2,160)	20,216	1,033,976	134%	759,136	500,000	2,032

(1) Debt per Customer data is presented in whole dollars.

(2) PGW's customer count increased in FY 2020 as compared to FY 2019. However, PGW was operating under the PAPUC's requirement to extend the moratorium regarding customer shut-offs during the period April 1, 2020 through August 31, 2020. PGW's increased customer count at the end of FY 2020 was principally due to this temporary regulatory action rather than market factors.

(3) PGW's customer count remained consistent in FY 2021 as compared to FY 2020. PGW was operating under the PAPUC's modification of its March 13, 2020 Emergency Order imposing the moratorium on utility terminations by initiating phase 2 regarding customer protections until December 31, 2021. This continued to inflate PGW's normal customer count at the end of FY 2021.

Source - PGW's Audited Financial Statements and PGW Records



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**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Debt Service  
Through Fiscal Year 2050

Year	5th Series Variable	8th Series B	8th Series C	8th Series D	8th Series E
2024	\$ 1,098,000	\$ 5,783,590	\$ 5,752,956	\$ 8,632,225	\$ 5,783,590
2025	1,098,000	5,965,172	5,935,509	8,903,458	5,965,172
2026	1,098,000	6,022,571	5,988,879	8,988,513	6,022,571
2027	1,098,000	6,460,060	6,427,534	9,643,801	6,460,060
2028	1,098,000	6,482,485	6,446,124	9,666,590	6,482,485
2029	1,098,000	-	-	-	-
2030	1,098,000	-	-	-	-
2031	1,098,000	-	-	-	-
2032	1,098,000	-	-	-	-
2033	1,098,000	-	-	-	-
2034	1,098,000	-	-	-	-
2035	30,549,000	-	-	-	-
2036	-	-	-	-	-
2037	-	-	-	-	-
2038	-	-	-	-	-
2039	-	-	-	-	-
2040	-	-	-	-	-
2041	-	-	-	-	-
2042	-	-	-	-	-
2043	-	-	-	-	-
2044	-	-	-	-	-
2045	-	-	-	-	-
2046	-	-	-	-	-
2047	-	-	-	-	-
2048	-	-	-	-	-
2049	-	-	-	-	-
2050	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 42,627,000</b>	<b>\$ 30,713,878</b>	<b>\$ 30,551,002</b>	<b>\$ 45,834,587</b>	<b>\$ 30,713,878</b>

Source - PGW Records

13th Series	14th Series	15th Series	16th Series A	16th Series B	Total 1998 Ordinance
\$ 24,696,250	\$ 17,500,075	\$ 17,392,750	\$ 13,255,000	\$ 4,325,550	\$ 104,219,986
17,681,250	19,635,700	17,395,250	13,253,750	1,768,800	97,602,061
17,295,250	19,674,450	17,399,250	13,253,250	1,768,800	97,511,534
13,517,000	19,667,075	17,394,000	13,253,000	1,768,800	95,689,330
13,525,500	18,346,825	18,664,250	13,252,500	1,768,800	95,733,559
13,524,250	18,343,700	18,740,500	13,256,250	1,768,800	66,731,500
13,522,500	18,348,825	17,263,500	13,253,500	1,768,800	65,255,125
13,524,000	18,345,575	17,259,750	13,254,000	1,768,800	65,250,125
13,517,250	18,347,325	17,263,250	13,252,000	1,768,800	65,246,625
5,121,250	18,347,200	17,257,750	13,252,000	1,768,800	56,845,000
5,124,000	18,353,200	17,257,750	13,253,250	1,768,800	56,855,000
-	10,655,700	17,257,000	13,255,000	1,768,800	73,485,500
-	10,657,300	17,259,500	13,256,500	9,933,800	51,107,100
-	10,658,600	17,264,000	13,257,000	9,932,200	51,111,800
-	10,653,900	17,264,250	13,255,750	9,932,600	51,106,500
-	-	17,259,250	13,257,000	9,934,400	40,450,650
-	-	17,263,000	13,254,750	9,932,000	40,449,750
-	-	17,258,750	13,253,250	-	30,512,000
-	-	17,260,500	13,251,850	-	30,512,350
-	-	17,261,500	13,251,850	-	30,513,350
-	-	17,260,250	13,252,650	-	30,512,900
-	-	17,260,250	13,253,650	-	30,513,900
-	-	17,259,750	13,254,250	-	30,514,000
-	-	17,262,000	13,255,000	-	30,517,000
-	-	-	13,254,750	-	13,254,750
-	-	-	13,252,250	-	13,252,250
-	-	-	13,256,250	-	13,256,250
<u>\$ 151,048,500</u>	<u>\$ 247,535,450</u>	<u>\$ 417,678,000</u>	<u>\$ 357,860,250</u>	<u>\$ 73,447,350</u>	<u>\$ 1,428,009,895</u>

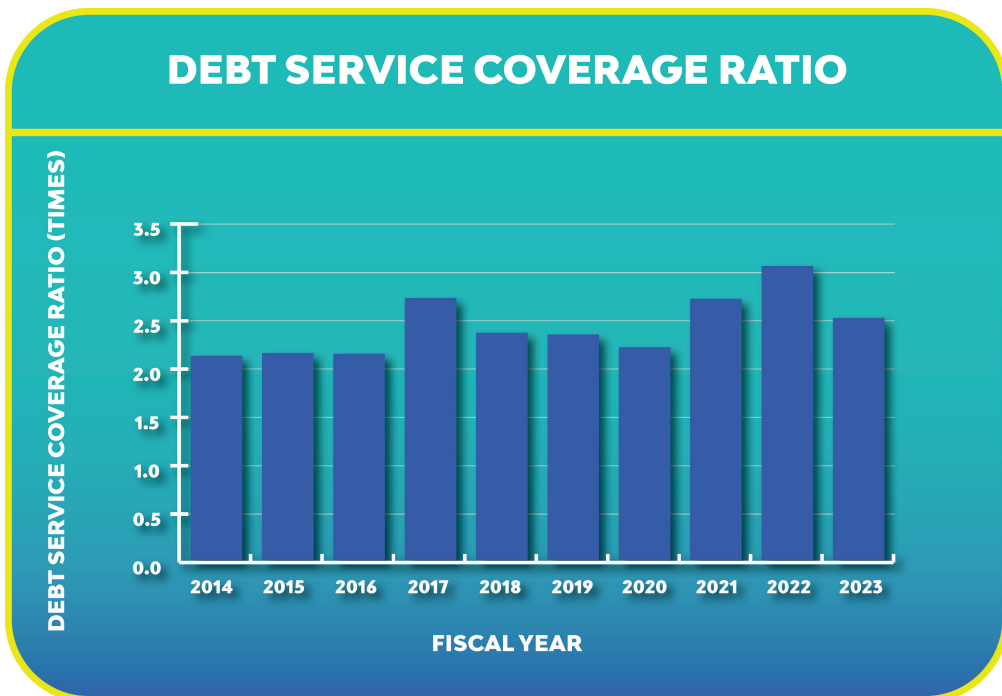
**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Debt Service Coverage  
Fiscal Years 2014 through 2023  
(Thousands of U.S. dollars)

	<u>2023</u>	<u>2022</u>	<u>2021</u>
<b>Funds Provided</b>			
Total gas revenues	663,154	765,629	624,750
Other operating revenues	47,872	39,808	21,997
Total operating revenues	<u>711,026</u>	<u>805,437</u>	<u>646,747</u>
Other income increase restricted funds	11,596	(2,139)	1,295
AFUDC (Interest) <sup>(1)</sup>	-	-	2,413
Total funds provided	<u>722,622</u>	<u>803,298</u>	<u>650,455</u>
<b>Funds Applied</b>			
Fuel costs	223,996	272,468	163,892
Other operating costs	340,207	299,415	270,268
Total operating expenses	<u>564,203</u>	<u>571,883</u>	<u>434,160</u>
Less: non-cash expenses	91,079	68,773	46,075
Total funds applied	<u>473,124</u>	<u>503,110</u>	<u>388,085</u>
Funds available to cover debt service	<u>249,498</u>	<u>300,188</u>	<u>262,370</u>
Funds available excluding lease costs	249,498	300,188	262,370
1975 ordinance bonds debt service	-	-	-
Debt service coverage 1975 bonds	-	-	-
Net available after prior debt service	<u>249,498</u>	<u>300,188</u>	<u>262,370</u>
Net available after prior capital leases	249,498	300,188	262,370
1998 ordinance bonds debt service	99,144	98,430	97,383
Debt service coverage 1998 bonds	2.52	3.05	2.70
Net available after 1998 debt service	150,354	201,758	164,987

(1) During FY 2022, the Company implemented GASB Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*, which requires that interest cost incurred before the end of a construction period be recognized as an expense in the period in which the cost is incurred. Beginning on September 1, 2021, PGW no longer capitalizes AFUDC.

Source - PGW's Audited Financial Statements and PGW Records

2020	2019	2018	2017	2016	2015	2014
571,793	664,084	628,254	618,406	572,348	676,027	736,138
13,144	20,644	19,245	17,797	18,889	21,220	22,998
584,937	684,728	647,499	636,203	591,237	697,247	759,136
12,303	10,788	4,634	1,087	1,416	10,836	4,079
1,860	1,295	1,353	1,408	1,120	781	506
599,100	696,811	653,486	638,698	593,773	708,864	763,721
146,754	206,825	186,265	179,230	146,524	252,169	304,051
302,081	335,233	343,845	360,467	370,433	354,357	336,892
448,835	542,058	530,110	539,697	516,957	606,526	640,943
61,105	74,481	82,843	84,027	89,059	74,535	53,039
387,730	467,577	447,267	455,670	427,898	531,991	587,904
211,370	229,234	206,219	183,028	165,875	176,873	175,817
211,370	229,234	206,219	183,028	165,875	176,873	175,817
-	-	-	-	-	26,904	28,592
-	-	-	-	-	6.57	6.15
211,370	229,234	206,219	183,028	165,875	149,969	147,225
211,370	229,234	206,219	183,028	165,875	149,969	147,225
96,182	98,417	87,690	67,582	77,867	70,139	69,749
2.20	2.33	2.35	2.71	2.13	2.14	2.11
115,188	130,817	118,529	115,446	88,008	79,830	77,476



**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Average Demographic and Economic Statistics\*  
Principal Employers  
Calendar Years 2022 and 2013

2022

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Albert Einstein Medical  
Children's Hospital of Philadelphia  
City of Philadelphia  
Comcast Corporation  
School District of Philadelphia  
SEPTA  
Temple University  
Thomas Jefferson University Hospitals  
University of Pennsylvania (College)  
University of Pennsylvania (Hospital)

2013

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Albert Einstein Medical  
Children's Hospital of Philadelphia  
City of Philadelphia  
Comcast Corporation  
School District of Philadelphia  
SEPTA  
Temple University  
Thomas Jefferson University Hospitals  
University of Pennsylvania (College)  
University of Pennsylvania (Hospital)

*Listed Alphabetically*

*Source - City of Philadelphia*

*\* Information is for the City, which is PGW's service area.*



**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Average Demographic and Economic Statistics\*  
 Calendar Years 2013 through 2022

Calendar Year	Population (1)	Personal Income (Thousands of U.S. Dollars) (2)	Per Capita Personal Income (U.S. Dollars)	Unemployment Rate (3)
2022	1,567,258	88,964,392	56,764	5.4%
2021	1,576,251	95,944,257	60,869	9.2%
2020	1,578,487	93,038,320	58,941	12.4%
2019	1,584,064	90,711,866	57,265	5.5%
2018	1,584,138	88,311,658	55,747	5.5%
2017	1,580,863	88,081,991	55,718	6.2%
2016	1,567,872	80,973,410	51,645	6.8%
2015	1,567,442	77,903,831	49,701	6.9%
2014	1,560,297	66,495,223	42,617	8.0%
2013	1,553,165	65,473,002	42,155	10.0%

*Sources:*

*(1) US Census Bureau*

*(2) US Department of Commerce, Bureau of Economic Analysis*

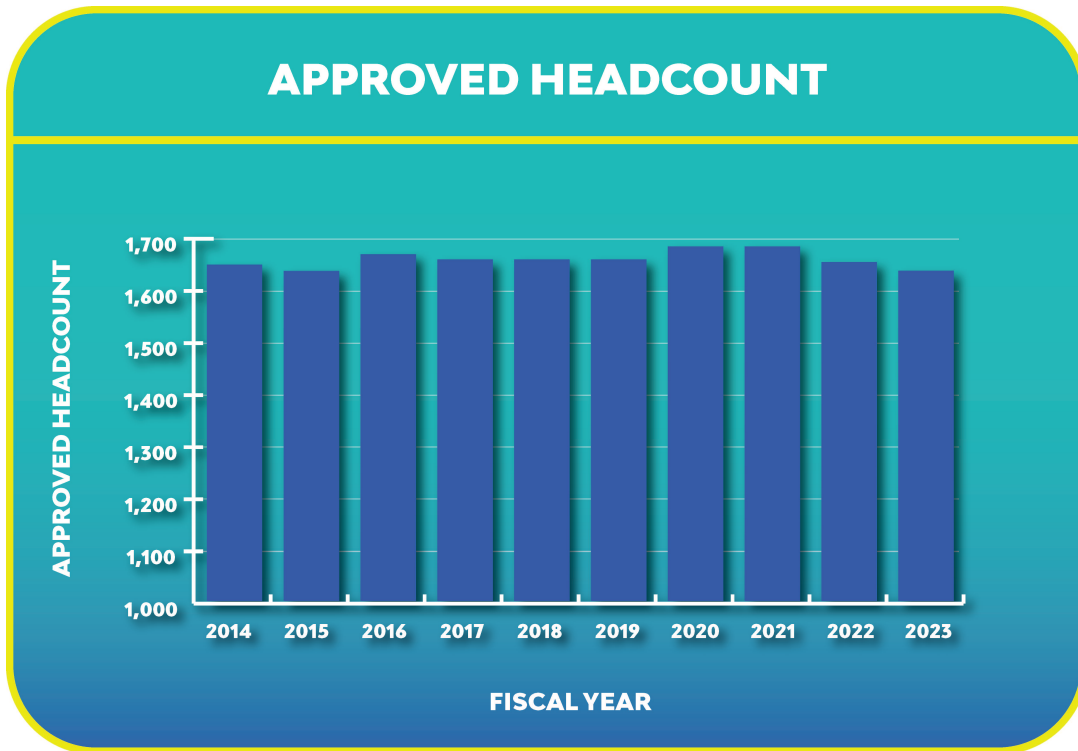
*(3) US Department of Labor, Bureau of Labor Statistics*

*\* Information is for the City, which is PGW's service area.*

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Approved Budgeted Full-Time Personnel by Department  
Fiscal Years 2014 through 2023

<b>Departments</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
President & Chief Executive Officer	2	2	2
Chief Operating Officer	-	2	2
Chief Financial Officer	2	2	2
Gas processing	118	118	115
Field services	355	355	364
Distribution	481	483	483
Collection	27	27	27
Customer service	146	170	177
Marketing	29	29	31
Administrative and general	492	487	511
PGW Total	<u>1,652</u>	<u>1,675</u>	<u>1,714</u>
Personnel savings	(21)	(31)	(39)
Philadelphia Gas Commission	6	6	5
Grand Total	<u>1,637</u>	<u>1,650</u>	<u>1,680</u>

Source - PGW's Annual Operating Budgets

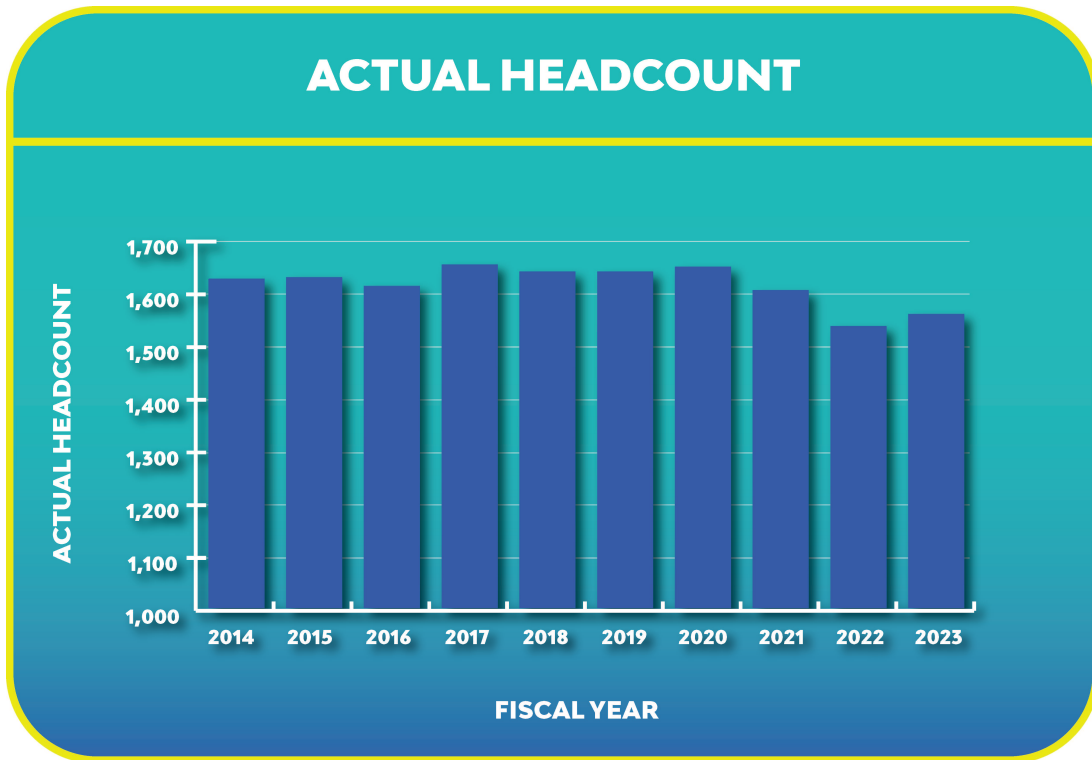


<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
2	2	2	2	2	3	3
2	2	2	2	2	2	2
2	2	2	2	2	2	2
116	115	116	116	116	119	123
365	364	372	372	374	372	372
481	483	486	486	480	472	472
28	28	29	29	29	31	31
170	169	170	170	170	176	189
32	32	32	32	32	44	44
521	497	480	480	484	449	442
<u>1,719</u>	<u>1,694</u>	<u>1,691</u>	<u>1,691</u>	<u>1,691</u>	<u>1,670</u>	<u>1,680</u>
(44)	(44)	(41)	(41)	(31)	(42)	(40)
5	5	5	5	5	5	5
<u>1,680</u>	<u>1,655</u>	<u>1,655</u>	<u>1,655</u>	<u>1,665</u>	<u>1,633</u>	<u>1,645</u>

**PHILADELPHIA GAS WORKS**  
 (A Component Unit of the City of Philadelphia)  
 Actual Full-Time Personnel by Department  
 Fiscal Years 2014 through 2023

<b>Departments</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
President & Chief Executive Officer	2	2	2
Chief Operating Officer	-	1	2
Chief Financial Officer	1	1	2
Gas processing	116	110	114
Field services	347	340	353
Distribution	476	473	479
Collection	24	23	26
Customer service	102	109	138
Marketing	25	25	26
Administrative and general	462	446	454
PGW Total	<u>1,555</u>	<u>1,530</u>	<u>1,596</u>
Philadelphia Gas Commission	<u>6</u>	<u>5</u>	<u>7</u>
Grand Total	<u>1,561</u>	<u>1,535</u>	<u>1,603</u>

Source - PGW Records



<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
2	2	2	2	2	3	3
2	2	2	2	2	3	2
2	2	2	2	2	2	2
117	116	117	117	116	115	121
364	353	361	370	362	365	364
480	474	474	486	473	477	475
27	27	27	26	25	27	30
157	167	167	169	157	171	143
26	25	27	27	27	33	38
464	464	454	445	440	426	441
<u>1,641</u>	<u>1,632</u>	<u>1,633</u>	<u>1,646</u>	<u>1,606</u>	<u>1,622</u>	<u>1,619</u>
6	6	5	5	5	5	5
<u>1,647</u>	<u>1,638</u>	<u>1,638</u>	<u>1,651</u>	<u>1,611</u>	<u>1,627</u>	<u>1,624</u>

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Operating Indicators  
Fiscal Years 2014 through 2023

	<u>2023</u>	<u>2022</u>	<u>2021</u>
<b>Financial</b>			
Debt service ratio (1975 Ordinance)	N/A	N/A	N/A
Debt service ratio (1998 Ordinance)	2.52	3.05	2.70
Debt to total capital ratio	59.1%	64.1%	72.5%
Bad debt as a % of revenue	5.4%	3.0%	2.5%
Bad debt reserve as a % of accounts receivable	54.2%	50.3%	58.0%
Collection factor (receipts/billings)	97.8%	96.7%	96.1%
Cash balance (Thousands of U.S. dollars)	139,302	115,637	158,265
Natural Gas (NG) storage (Thousands of U.S. dollars)	65,315	81,467	40,762
<b>Payroll</b>			
Total payroll (Thousands of U.S. dollars) (Includes Overtime)	139,739	135,576	134,590
Overtime (Thousands of U.S. dollars)	11,599	12,072	10,392
Overtime as a % of Total Payroll	8.3%	8.9%	7.7%
<b>Liquefied Natural Gas (LNG)</b>			
LNG to storage (Mcf)*	1,896,921	1,661,358	1,096,567
LNG from storage (Mcf)	1,609,568	3,106,204	1,293,188
Net to (from) storage (Mcf)	<u>287,353</u>	<u>(1,444,846)</u>	<u>(196,621)</u>
Off-system sales contributed to GCR (Thousands of U.S. dollars)	-	-	-
<b>Natural Gas Cost</b>			
Gas utilized (Mcf)	37,979,338	43,690,313	42,219,842
Gas utilized (Thousands of U.S. dollars)	223,978	272,438	163,873
Cost per Mcf (\$)	5.90	6.24	3.88
<b>Natural Gas Sales Information</b>			
Firm gas sold (Mcf)	35,738,006	39,959,049	40,301,081
Interruptible gas sold (Mcf)	893,017	1,318,917	492,120
Total gas sold (Mcf)	<u>36,631,023</u>	<u>41,277,966</u>	<u>40,793,201</u>
Transportation gas - GTS (Mcf)	30,919,076	30,890,261	30,640,344
Other (Mcf)	1,186,082	897,264	1,553,215
Total gas sendout (Mcf)	<u>68,736,181</u>	<u>73,065,491</u>	<u>72,986,760</u>
Unaccounted for gas as a % of total gas sendout	1.6%	2.1%	1.6%
Transportation gas - GTS as a % of total gas sendout	45.0%	42.3%	42.0%
Firm gas sold as a % of total gas sold	97.6%	96.8%	98.8%
<b>Degree Days <sup>(1)</sup></b>			
Fiscal Year	3,740	3,853	4,108

\* Mcf = Thousand cubic feet

(1) In FY 2021, the source for degree days changed from PGW's Richmond Plant to National Oceanic and Atmospheric Administration (NOAA) which is measured at the Philadelphia International Airport.

Source - PGW Records

2020	2019	2018	2017	2016	2015	2014
N/A	N/A	N/A	N/A	N/A	6.57	6.15
2.20	2.33	2.35	2.71	2.13	2.14	2.11
77.2%	83.7%	91.0%	95.9%	76.3%	77.5%	80.0%
7.0%	4.2%	4.5%	4.7%	4.6%	5.0%	5.1%
49.0%	43.7%	44.5%	44.3%	50.2%	54.0%	51.4%
96.6%	96.3%	95.4%	96.5%	97.7%	97.1%	95.0%
172,267	124,145	131,051	88,535	91,743	114,327	105,734
35,898	41,263	41,652	46,031	38,556	40,791	60,089
130,981	128,107	129,688	119,182	112,556	113,675	115,174
9,412	11,776	13,863	11,118	11,125	11,824	13,629
7.2%	9.2%	10.7%	9.3%	9.9%	10.4%	11.8%
1,639,438	2,180,597	1,868,481	2,331,475	2,233,463	2,043,392	1,821,935
1,140,527	1,914,218	2,516,678	1,396,559	1,258,905	2,237,729	3,210,133
498,911	266,379	(648,197)	934,916	974,558	(194,337)	(1,388,198)
-	-	-	175	125	-	321
41,908,102	46,127,914	47,226,345	43,557,457	40,301,447	50,562,653	52,961,786
146,732	206,801	186,254	179,222	146,515	252,158	304,040
3.50	4.48	3.94	4.11	3.64	4.99	5.74
39,000,254	43,222,148	44,518,196	39,972,687	37,683,841	48,416,426	48,533,203
587,757	204,951	165,808	18,420	37,909	514,110	1,096,381
39,588,011	43,427,099	44,684,004	39,991,107	37,721,750	48,930,536	49,629,584
30,756,750	32,965,425	30,666,809	28,700,063	28,223,849	30,298,101	29,357,904
1,676,446	1,956,997	2,137,063	1,941,620	2,005,354	2,808,957	1,498,458
72,021,207	78,349,521	77,487,876	70,632,790	67,950,953	82,037,594	80,485,946
2.1%	2.1%	1.7%	2.4%	2.6%	3.0%	2.0%
42.7%	42.1%	39.6%	40.6%	41.5%	36.9%	36.5%
98.5%	99.5%	99.6%	100.0%	99.9%	98.9%	97.8%
3,353	3,995	3,986	3,552	3,356	4,444	4,405

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Capital Asset Information  
Calendar Years 2014 through 2023

	<u>2023</u>	<u>2022</u>	<u>2021</u>
Gas main (Miles)	3,047	3,043	3,046
Services (Miles)	2,871	2,881	2,889
Number of meters			
Residential/Small commercial	511,470	513,903	513,954
Large diaphragm	4,046	3,833	3,768
Rotary	10,425	10,178	10,211
Turbine	277	276	276
Total	<u>526,218</u>	<u>528,190</u>	<u>528,209</u>

*Source - Gas Annual Report of PGW to the Pennsylvania Public Utility Commission*



<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
3,047	3,042	3,041	3,039	3,020	3,022	3,023
2,887	2,889	2,891	2,868	2,865	2,862	2,860
515,165	506,946	501,529	502,305	499,110	497,556	499,375
3,663	3,543	3,385	3,179	3,030	2,842	2,695
10,245	10,210	10,653	10,076	10,034	9,945	9,883
280	280	286	284	283	285	291
<b>529,353</b>	<b>520,979</b>	<b>515,853</b>	<b>515,844</b>	<b>512,457</b>	<b>510,628</b>	<b>512,244</b>

**PHILADELPHIA GAS WORKS**  
(A Component Unit of the City of Philadelphia)  
Ten Largest Customers  
Fiscal Years 2023 and 2014  
(Thousands of U.S. dollars)

2023		2014	
Customer 1 (A)	4,685	Customer 1 (A)	5,032
Customer 2 (B)	4,299	Customer 2 (C)	4,434
Customer 3 (C)	3,833	Customer 3	4,348
Customer 4	3,230	Customer 4 (B)	3,639
Customer 5	3,107	Customer 5	2,675
Customer 6 (D)	2,073	Customer 6	1,998
Customer 7	1,463	Customer 7	1,993
Customer 8	1,327	Customer 8 (D)	1,918
Customer 9	1,133	Customer 9	1,724
Customer 10	1,118	Customer 10	1,154
Total	<u>26,268</u>	Total	<u>28,915</u>

*Note - A letter designation indicates a repeat customer from the fiscal year 2014 list identified on the fiscal year 2023 list.*

*Source - PGW Records*

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