Implementation Plan

of

Philadelphia Gas Works to

the

Management and Operations Audit for the

Pennsylvania Public Utility Commission Bureau of Audits

Docket No. D-2022-3030321



February 2023

Introduction

Philadelphia Gas Works (PGW) is pleased to submit this Implementation Plan for review by the Pennsylvania Public Utility Commission (PAPUC). The Implementation Plan is in response to the recommendations contained in the Management and Operations Audit Report (Docket No. D-2022-3030321) prepared by the PAPUC Bureau of Audits – Management Audit Division and issued on February 2, 2023. The Implementation Plan provides PGW's commitment to act on the recommendations by addressing opportunities for improvement in operational effectiveness while improving service to our customers.

Of the thirty-two (32) recommendations contained in the Audit Report, PGW has accepted twenty-six (26) of them completely, accepted in-part three (3), and rejected three (3).

As requested, this Implementation Plan details the actions to be taken, the expected completion dates and the individuals responsible for implementing each recommendation.

PGW management wishes to express its appreciation to the Audit staff for their collective efforts in assisting PGW in furthering the company's program for continuous improvement. From the perspective of management this report is a very positive outcome to an extensive process and we look forward demonstrating the successful implementation of the recommendations we have accepted.

Chapter III – Corporate Governance

	Description	Page	PGW
			Response
III-1	Streamline corporate governance processes to efficiently align with PGW's current regulatory framework.	7	Rejected
III-2	Streamline the annual budget approval process.	8	Accepted in Part
III-3	Establish committee charters for all PFMC board committees.	9	Rejected
III-4	Evaluate director performance annually to identify opportunities for improvement and to ensure emerging needs and priorities are met.	10	Rejected

Chapter IV – Executive Management and Organizational Structure

	Description	Page	PGW Response
IV-1	Develop specific guidance for span of control expectations, periodically review spans of control, and document any narrow or wide spans for PGW's management positions.	11	Accepted
IV-2	Implement a safety management system and improve safety culture at PGW.	12	Accepted

Chapter V – Financial Management

	Description	Page	PGW Response
V-1	Update Internal Audit policies and procedures.	13	Accepted
V-2	Formally document explanations for variances from the capital and operating budgets.	14	Accepted

Chapter VI – Gas Operations

	Description	Page	PGW
			Response
VI-1	Implement a policy and metrics-tracked plan to replace mercury regulators within the distribution system.	15	Accepted
VI-2	Accelerate cast iron main replacement.	16	Accepted
VI-3	Plan and implement a process for gathering equipment and installation data in the GIS database.	17	Accepted
VI-4	Reorganize the CARC reporting structure to eliminate conflicts of interest with the SVP of Operations.	18	Accepted

Chapter VII – Emergency Preparedness

	Description	Page	PGW Response
VII-1	File Self-Certification forms with the Pennsylvania PUC annually.	19	Accepted
VII-2	Correct various deficiencies in physical security.	20	Accepted
VII-3	Establish a company-wide program for inspections for safety, security, medical, and fire equipment, and make assessable standardized first aid kits at all regularly occupied facilities.	21	Accepted
VII-4	Explore ways to eliminate or mitigate the identified security risk through a business case analysis.	22	Accepted
VII-5	Increase focus on cybersecurity by developing a dedicated cybersecurity budget, performing a staffing study and adjusting resources as needed, and create an executive level cybersecurity leadership position.	23	Accepted
VII-6	Reinforce contingencies with the OT systems by cross-training, increasing resources, or by some other method.	24	Accepted
VII-7	Document the threshold where cybersecurity risks will be relayed to the cabinet and board levels.	25	Accepted
VII-8	Implement a cybersecurity-focused risk registry.	26	Accepted

Chapter VIII – Materials Management

	Description	Page	PGW
			Response
VIII-1	Document the policies and procedures of PGW's cycle counting function.	27	Accepted
VIII-2	Implement and/or increase automation of materials management processes to improve efficiency, accuracy, and ease-of-use.	28	Accepted

Chapter IX – Customer Service

	Description	Page	PGW
			Response
IX-1	Leverage pandemic and low-income resources to help reduce the overall level of outstanding customer balances and maintain outreach efforts to engage payment troubled customers.	29	Accepted in Part
IX-2	Improve customer service performance through expanding call center resources.	30	Accepted
IX-3	Complete implementation of the replacement CIS.	31	Accepted
IX-4	Establish reporting and key performance metrics for all back-office activities that support electronic, self-service, and alternative exchanges with customers.	32	Accepted
IX-5	Repurpose or divest interest in district offices and reallocate resources to benefit PGW ratepayers.	33	Accepted in Part

${\bf Chapter~X-Information~Technology}$

	Description	Page	PGW
			Response
X-1	Establish IS departmental performance metrics for transparency, evaluation, and improvement of productivity and efficiency.	34	Accepted
X-2	Leverage and integrate data visualization software consistently across PGW.	35	Accepted

Chapter XI – Fleet Management

	Description	Page	PGW Response
XI-1	Improve efficiencies within the fleet department.	36	Accepted

Chapter XII – Human Resources and Diversity

	Description	Page	PGW Response
XII-1	Implement strategies for recruitment and retention of "at-risk" positions.	37	Accepted
XII-2	Drive safety performance to meet industry standards.	38	Accepted

Appendix A- Glossary of Terms and their Acronyms	39		
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Recommendation III-1: Streamline corporate governance processes to

efficiently align with PGW's current regulatory

framework.

Response: Rejected

Action Plan: This recommendation is beyond the authority of

PGW Management to address and is therefore

rejected.

Individual Responsible: Seth A. Shapiro – President and CEO

Expected Completion Date: N/A

Recommendation III-2: Streamline the annual budget approval process.

Response: Accepted in part

Action Plan: This recommendation is beyond the authority of

PGW Management to address and is therefore only accepted in part. PGW has proposed streamlining modifications to the budgetary process to the Philadelphia Gas Commission ("PGC") which has the sole authority to

implement process changes. PGW is awaiting action by the PGC on its proposal. Based upon the disposition of this request PGW will institute

any changes approved by the PGC.

Individual Responsible: Raquel Guzmán – SVP, Administration and

General Counsel

Expected Completion Date: August 31, 2024

Recommendation III-3: Establish committee charters for all PFMC board

committees.

Response: Rejected

Action Plan: This recommendation is beyond the authority of

PGW Management to address. However, PGW will share the recommendation with PFMC.

Individual Responsible: Seth A. Shapiro – President and CEO

Expected Completion Date: N/A

Recommendation III-4: Evaluate director performance annually to identify

opportunities for improvement and to ensure

emerging needs and priorities are met.

Response: Rejected

Action Plan: This recommendation is beyond the authority of

PGW Management to address. However, PGW will share the recommendation with PFMC.

Individual Responsible: Seth A. Shapiro – President and CEO

Expected Completion Date: N/A

Recommendation IV-1: Develop specific guidance for span of control

expectations, periodically review spans of control,

and document any narrow or wide spans for

PGW's management positions.

Response: Accepted

Action Plan: PGW will conduct an analysis to develop specific

guidance on its spans of control. PGW will then determine how and which aspects of it should be implemented. Once this is accomplished a

decision will be made by senior management on

next steps.

Individual Responsible: William J. Ambrose, Jr. – VP, HR &

Organizational Dev

Expected Completion Date: March 2025

Recommendation IV-2: Implement a safety management system and

improve safety culture at PGW.

Response: Accepted

Action Plan: In early 2022, PGW engaged an industry-proven

third-party vendor to provide a GAP analysis, Road Map, and Framework to align PGW with API RP1173. A key part of this process will be the identification and implementation of a Safety

Management System (SMS) structure.

Implementation of an SMS, as part of the overall adoption of the API RP1173 standard, will improve safety performance and culture

throughout PGW.

PGW is reviewing the recommendations from the vendor and will apply appropriate resources toward the implementation of API RP1173. Although there will be annual benchmarks, it is anticipated full SMS implementation will be completed within a five-year timeframe on or

before February 15, 2028.

Individual Responsible: Edward Fennell – Sr Dir, Safety, Security & Bus

Estimated completion Date: 0-60 Months

Recommendation V-1: Update Internal Audit policies and procedures.

Response: Accepted

Action Plan: The Internal Audit (IA) Department accepts the

PUC's recommended action(s) and will update its internal departmental policies and procedures

within the suggested timeframe.

Individual Responsible: Darnell Folk – Internal Auditor ii

Expected Completion Date: August 15, 2023

Recommendation V-2: Formally document explanations for variances

from the capital and operating budgets.

Response: Accepted

Action Plan: PGW will develop a formal procedure to

document explanations for variances from the capital and operating budgets. This procedure will include enhancing PGW's reporting capabilities to allow more detailed review by expenditure categories. PGW will utilize the capabilities of Tableau as a vehicle to improve

variance reporting.

Individual Responsible: William Gallagher – Vice President Budget and

Strategic Development

Expected Completion Date: August 31, 2023

Recommendation VI-1: Implement a policy and metrics-tracked plan to

replace mercury regulators within the distribution

system.

Response: Accepted

Action Plan: Starting in 2022, PGW began developing a plan

and metrics to track and replace mercury regulators within the distribution system at an

expedited pace.

Individual Responsible: Joseph Hawkinson – Vice President of Field

Operations

Expected Completion Date: March 1, 2024

Recommendation VI-2: Accelerate cast iron main replacement.

Response: Accepted

Action Plan: In July of 2022, PGW applied for \$45 million in

funding from the Natural Gas Distribution

Infrastructure Safety and Modernization Grant to accelerate cast iron main replacement. The grant would enable PGW to replace approximately 24 miles of at-risk cast iron main over five years.

Individual Responsible: Joseph Hawkinson – Vice President of Field

Operations

Expected Completion Date: December 1, 2024

Recommendation VI-3: Plan and implement a process for gathering

equipment and installation data in the GIS

database.

Response: Accepted

Action Plan: PGW is in the process of evaluating processes and

technology for gathering data in the GIS database. This evaluation requires analyzing hardware, software, and the functionality of field practices to ensure both fiscal and operational efficiency. This is an ongoing collaborative effort between Field

Operations and Data Analytics.

Individual Responsible: Joseph Hawkinson – Vice President of Field

Operations

Expected Completion Date: September 1, 2025

Recommendation VI-4: Reorganize the CARC reporting structure to

eliminate conflicts of interest with the SVP of

Operations.

Response: Accepted

Action Plan: As of January 1, 2023, the responsibilities of

Customer and Regulatory Affairs, which includes the PUC technical compliance responsibilities, have been realigned and no longer fall within the Operations hierarchy. Customer and Regulatory Affairs reports up thorough Senior Vice President of Customer and Regulatory Affairs, Denise Adamucci, who reports directly to Seth Shapiro,

CEO.

Individual Responsible: Denise Adamucci – SVP of Customer and

Regulatory Affairs and Robert Smith – SVP of

Operations and Supply Chain

Expected Completion Date: January 1, 2023

Recommendation VII-1: File Self-Certification forms with the

Pennsylvania PUC annually.

Response: Accepted

Action Plan: PGW will file a Public Utility Security Planning

and Readiness Self Certification Form for Year 2023 as required. PGW previously filed the form

with its Annual Report.

Individual Responsible: Raquel N. Guzmán – SVP, Administration &

General

Expected Completion Date: 0-6 Months

Recommendation VII-2: Correct various deficiencies in physical security.

Response: Accepted

Action Plan: PGW Security and Loss Prevention has recently

completed a comprehensive security assessment

of PGW locations. As a result:

The Facilities Department will:

1. Complete a detailed review of the physical security assessment and implement a correct action plan.

- 2. Review current Building Inspection Sheets and procedures and revise to address findings and other best practices.
- 3. Implement a high level interdepartmental periodic review of inspections.

The Security Department will:

- 1. Assist the Facilities Department in prioritizing deficiencies and identifying current best practices.
- 2. Continue to regularly schedule reviews of the physical security of all PGW locations.

Individual Responsible: John Zuk – SVP, Gas Management and Edward

Fennell – Sr Dir, Safety, Security & Bus

Estimated completion Date: On or before August 31, 2024.

Recommendation VII-3: Establish a company-wide program for

inspections for safety, security, medical, and fire equipment, and make assessable standardized first

aid kits at all regularly occupied facilities.

Response: Accepted. PGW currently does not provide

access to first aid kits to office personnel at its headquarters, as there is a staffed medical

department on site.

Action Plan: PGW currently provides standardized first aid kits

at various locations.

Regarding a program for inspections of safety, security, medical, and fire equipment:

Facilities Department:

- 1. Building Safety inspections are managed through the computer maintenance management system. Review current Building Inspection Sheet and procedures and revise to address findings and other best practices.
- 2. Create listing and/or mapping of first aid kits to ensure all are inspected.
- 3. Implement high level interdepartmental periodic review of inspections.

Security/Safety Departments:

- 1. Participate in high level interdepartmental periodic review of Safety/Security inspections.
- 2. PGW will maintain a first aid kit at the security desk, at headquarters, for out of hours accessibility. This kit will be inspected with the same frequency as other safety and security equipment.
- 3. PGW will provide first aid kits at all other regularly occupied locations. These kits will also be inspected with the same frequency as other safety and security equipment.

Individual Responsible: John Zuk – SVP, Gas Management and Edward

Fennell – Sr Dir, Safety, Security & Bus

Estimated completion Date: On or before February 15, 2024.

Recommendation VII-4: Explore ways to eliminate or mitigate the

identified security risk through a business case

analysis.

Response: Accepted

Action Plan: PGW will complete an engineering study with an

external firm to evaluate the feasibility and

benefits of this recommendation.

Individual Responsible: Dan Cassidy – VP, Technical Operations

Expected Completion Date: March 1, 2024

Recommendation VII-5: Increase focus on cybersecurity by developing a

dedicated cybersecurity budget, performing a staffing study and adjusting resources as needed, and create an executive level cybersecurity

leadership position.

Response: Accepted

Action Plan: PGW will partner with one or more vendors to

perform a staffing study and will right size the security function according to the outcome of the

study. PGW will develop a dedicated

cybersecurity budget and create an executive level

cybersecurity leadership position.

Individual Responsible: Frank Weigert – CIO

Expected Completion Date: September 29, 2023

Recommendation VII-6: Reinforce contingencies with the OT systems by

cross-training, increasing resources, or by some

other method.

Response: Accepted. Recommendation VII-6

Action Plan: PGW is in the process of identifying individuals

that are best qualified for this effort. The plan is to have at least 2 resources capable of providing comprehensive technical support for the OT

environment. In addition, there will be employees trained to support portions of the OT environment (i.e. routers, switches, antivirus) This will be a joined and continuous effort between the

Information Security and IS Technical Services

Teams at PGW.

Individual Responsible: Jackie Zhou – Dir, Information Security and

Joanne Kelly – Dir, Technical Services

Expected Completion Date: Continuous effort, fully implemented by March

2025.

Recommendation VII-7: Document the threshold where cybersecurity risks

will be relayed to the cabinet and board levels.

Response: Accepted

Action Plan: PGW will document the threshold where

cybersecurity risks will be relayed to the cabinet and board levels and will partner with a vendor to facilitate the development and implementation of a cybersecurity risk register. The estimated completion date is September 29, 2023.

Individual Responsible: Jackie Zhou – Director Information Security

Expected Completion Date: September 29, 2023

Recommendation VII-8: Implement a cybersecurity-focused risk registry.

Response: Accepted

Action Plan: See VII-7

Individual Responsible: Jackie Zhou – Director Information Security

Expected Completion Date: September 29, 2023

Recommendation VIII-1: Document the policies and procedures of PGW's

cycle counting function.

Response: Accepted

Action Plan: Update cycle count policies/procedures to include

the thresholds warranting further investigation and the investigation process to resolve discrepancies.

Individual Responsible: Anthony Mauro – VP, Supply Chain

Expected Completion Date: June 30, 2023

Recommendation VIII-2: Implement and/or increase automation of

materials management processes to improve

efficiency, accuracy, and ease-of-use.

Response: Accepted

Action Plan: Materials Management will continue to integrate

systems and automate processes whenever

required resources become available.

Individual Responsible: Anthony Mauro – VP, Supply Chain

Expected Completion Date: Ongoing

Recommendation IX-1: Leverage pandemic and low-income resources to

help reduce the overall level of outstanding customer balances and maintain outreach efforts

to engage payment troubled customers.

Response: Accepted in Part

Action Plan: PGW is engaged in an active LIHEAP outreach

plan to assist and encourage its customers to take advantage of available grants. Recently, PGW submitted a new Universal Service & Energy Conservation Plan to the PUC and has received approval of that Plan. The Plan seeks to assist low-income customers, many of whom are payment troubled. PGW will shortly begin implementation of the programs approved in that Plan. With respect to other customers, PGW provides payment agreements and levelized billing for customers, and utilizes regulated collection practices to assist customers with

managing their debt.

Individual Responsible: Denise Adamucci – SVP, Customer & Reg

Affairs

Expected Completion Date: Universal Service Plan active through 2027.

Recommendation IX-2: Improve customer service performance through

expanding call center resources.

Response: Accepted

Action Plan: To improve staffing levels, since the spring of

2022, PGW has onboarded four new hire customer service representative (CSR) classes equating to 38 new CSRs. In 2023, PGW anticipates onboarding additional new hire CSR classes. Also, to improve staffing levels, PGW has been using the services of outside contract call

centers since the summer of 2022.

Individual Responsible: Denise Adamucci – SVP, Customer & Reg

Affairs and Bernard Cummings – VP, Customer

Service & Collect

Expected Completion Date: December 31, 2024

Recommendation IX-3: Complete implementation of the replacement CIS.

Response: Accepted. PGW is in the process of working to

replace its current CIS.

Action Plan: PGW's CIS replacement is underway, with

significant project management planning

resources developing schedules and working to resolve any impediments to implementation. Currently, a go-live with a new CIS is expected to

occur by the end of calendar year 2023.

Individual Responsible: Denise Adamucci – SVP, Customer & Reg

Affairs and Frank Weigert - CIO & VP, Info

Services

Expected Completion Date: December 31, 2023

Recommendation IX-4: Establish reporting and key performance metrics

for all back-office activities that support

electronic, self-service, and alternative exchanges

with customers.

Response: Accepted

Action Plan: Currently, PGW has a Customer Self-Service

KPI. The current KPI at the moment focus is more on concepts related to electronic interactions related to payments. Moving forward, PGW will work to develop internal metrics and dashboards that report and track back-office activities beyond

payments.

Individual Responsible: Denise Adamucci – SVP, Customer & Reg

Affairs and Bernard Cummings – VP, Customer

Service & Collect

Expected Completion Date: September 30, 2023

Recommendation IX-5: Repurpose or divest interest in district offices and

reallocate resources to benefit PGW ratepayers.

Response: Accepted in Part

Action Plan: Due to PGW's ownership and governance

structure, decisions concerning the divesting of the physical assets of the district offices will be determined in conjunction with its owner the City

of Philadelphia.

However, in regards to the reallocation of personnel once dedicated to the district offices, those employees have been reallocated to other areas of Customer Affairs. Also, other nonpersonnel operating, and capital expenditures previously dedicated to the district offices have

been dedicated to other business objectives.

Individual Responsible: Denise Adamucci – SVP, Customer & Reg

Affairs and Bernard Cummings – VP, Customer

Service & Collect

Expected Completion Date: December 31, 2024

Recommendation X-1: Establish IS departmental performance metrics for

transparency, evaluation, and improvement of

productivity and efficiency.

Response: Accepted. PGW accepts recommendation X-1

Action Plan: While Information Services has continued to track

several metrics internally, we have already begun

the process of reviewing existing metrics regarding their usefulness for the organization. We are identifying additional new metrics and will create a Tableau dashboard with Key

performance indicators that will be published to the organization. Due to the involvement of several key resources with the CIS project and the desired level of automation for this reporting effort, we anticipate this to be completed by March 1, 2024. However, we will publish metrics

available today at an earlier date.

Individual Responsible: Frank Weigert – CIO

Expected Completion Date: March 1, 2024

Recommendation X-2: Leverage and integrate data visualization software

consistently across PGW.

Response: Accepted

Action Plan: The Data & Analytics department was formed as

a hub and spoke organization. The idea was to have data experts curating data sources for departmental stewards to transform into visualizations to inform, answer and support critical business decisions. Data & Analytics has

recently deployed the Tableau Champions Program to identify, educate and empower

departmental users of the Tableau product. These

Champions will help promote a data driven culture at the departmental level, putting data at the center of every conversation and business decision. They will serve as liaisons and will partner with the Data & Analytics department to accelerate the adoption of the data visualization software here at PGW. We estimate a companywide adoption to be completed by March of 2025.

Individual Responsible: Dan Furtek – VP Data Analytics

Expected Completion Date: March 31, 2025

Recommendation XI-1: Improve efficiencies within the fleet department.

Response: Accepted

Action Plan: The Fleet Department's move to the new North

Operations Center in 2023 will address many of the inefficiencies noted in the audit report. In addition, the Fleet Department will look to identify and implement process improvements to increase wrench time and reduce indirect time.

Individual Responsible: Anthony Mauro – VP, Supply Chain

Expected Completion Date: January 31, 2024

Recommendation XII-1: Implement strategies for recruitment and retention

of "at-risk" positions.

Response: Accepted

Action Plan: Currently in progress

Individual Responsible: William J. Ambrose, Jr. – VP, HR &

Organizational Dev

Expected Completion Date: March 2026

Recommendation XII-2: Drive safety performance to meet industry

standards.

Response: Accepted. As a municipal natural gas utility,

PGW statistics should be compared to companies engaged in similar work (construction, appliance repair) in an exclusively urban environment.

Additionally, unlike many other companies, PGW does not contract out its physical labor such as

excavation, with the result that a higher percentage of heavy work means a higher

percentage of injuries from said heavy work as a result of increased risk. Comparing PGW's injury/accident statistics to general BLS statistics, or even utility worker statistics for non-urban environments, does not provide a fully appropriate

comparison.

Action Plan: PGW will continue to align with the natural gas

industry following best practices for safety. PGW will also continue with the implementation of a Safety Management System (SMS) that will result in additional policies and procedures designed to reduce injuries and accidents. PGW will also participate in safety related industry activities to remain up to date. Additionally, see response to IV-2 inclusive of an implementation timeline with a completion date on or before February 15, 2028.

Individual Responsible: Edward Fennell – Sr Dir, Safety, Security & Bus

Estimated completion Date: 0-24 Months

Appendix A: Glossary

A.

Item	Acronym	Description
accounts payable	A/P	
affirmative action	AA	
affirmative action plan	AAP	
American Gas Association	AGA	
automated call director	ACD	
automated clearinghouse	ACH	
Automated Computer Aided Drafting	AutoCAD	
Automated Data Processing	ADP	
Automated Information Management System	AIMS/AIMS2	
automated meter reading	AMR	
automated time management system	ATMS	
automatic external defibrillator	AED	

B.

Item	Acronym	Description
Bank of America	BOA	
Billing Collection & Customer Service	BCCS	
billion cubic feet	Bcf	
Board of Directors	BOD	
British thermal unit	BTU	

Bureau of Consumer Service	BCS	
Business Technology Consultant	BTC	
Business Transformation	BT	
business transformation	BT	
Business Transformation Initiative	BTI	

Item	Acronym	Description
Business Transformation Steering Committee	BTSC	
business unit	BU	

C.

Item	Acronym	Description
calendar year	CY	
Cannot Get In	CGI	
Chief Executive Officer	CEO	
Chief Financial Officer	CFO	
Chief Information Officer	CIO	
Chief Operating Officer	COO	
Cincinnati Gas & Electric Company	CG&E	
code division multiple access	CDMA	
commercially-off-the-shelf	COTS	
compressed natural gas	CNG	
continuing property records	CPR	
contract management system	CMS	
corrective maintenance	CM	

Credit & Collections	C/C	
customer assistance program	CAP	
Customer Contact Center	C3	
Customer Responsibility Program	CRP	
Customer Review Unit	CRU	
customer service center	CSC	
customer service representative	CSR	

D.

Item	Acronym	Description
database administrator	DBA	
decatherms	DTH	
Delaware Department of Transportation	DelDot	
Item	Acronym	Description
Department of Transportation	DOT	
disabled-owned business enterprise	DBE	
Dispute Resolution Unit	DRU	
Distribution Integrity Management Program	DIMP	

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Item	Acronym	Description
electronic data interchange	EDI	
electronic funds transfer	EFT	
end of year	EOY	

Energy Insurance Mutual	EIM	
enterprise resource planning	ERP	
enterprise risk management	ERM	
Enterprise Steering Committee	ESC	
equal employment opportunity	EEO	
Equal Employment Opportunity Commission	EEOC	
Expert Agent Selection	EAS	

F.

Item	Acronym	Description
Federal Energy Regulatory Commission	FERC	
Field Services Department	FSD	
file/print	F/P	
financial size category	FSC	
fiscal year	FY	
Fixed Utility Services	FUS	
Fleet Operations	FO	
Flexible Spending Account	FSA	
free-is-good	FIG	
full-time equivalent	FTE	

G.

Item	Acronym	Description
gas cost recovery	GCR	
Gas Industry Standards Board	GISB	
Gas Processing Department	GPD	
General Counsel	GC	
general ledger	G/L	
geographic information system	GIS	

Н.

Item	Acronym	Description
heating, ventilation, and air conditioning	HVAC	
Human Resource Information System	HRIS	
Human Resources	HR	

I.

Item	Acronym	Description
Information Services	IS	
Information Systems Audit and Control Association	ISACA	
information technology	IT	
instruction set architecture	ISA	
integrated voice response	IVR	
Internal Audit	IA	
International Customer Management Institute	ICMI	
International Swaps & Derivative Association	ISDA	

J.

Item	Acronym	Description

K.

Item	Acronym	Description
key performance indicator	KPI	

L.

Item	Acronym	Description
Landlord Cooperation Program	LCP	
liquid natural gas	LNG	
Living Disaster Recovery Planning System	LDRPS	
local area network	LAN	
local distribution company	LDC	
long-term disability	LTD	
Low Income Home Energy Assistance Program	LIHEAP	

M.

Item	Acronym	Description
Main Replacement Prioritization	MRP	
Materials Management Department	MMD	
Medical Review Officer	MRO	
Meter Investigation Unit	MIU	
minority business enterprise	MBE	
Minority Business Enterprise Council	MBEC	

Minority Supplier Development Council	MSDC	
minority/women business enterprise	M/WBE	
thousand cubic feet	Mcf	

N.

Item	Acronym	Description
National Association of Securities Dealers	NASD	
National Association of Women Business Owners	NAWBO	
Natural Gas Approved Standardized Buy/Sell Agreement	NASBY	
New Jersey Department of Transportation	NJDot	
New York Stock Exchange	NYSE	
non-payment shutoff program	NPSO	
not-to-exceed	NTE	

0.

Item	Acronym	Description
Office of Federal Contract Compliance Program	OFCCP	
operations and maintenance	O&M	
Operations Systems Support	OSS	
Organizational Development	OD	
overtime	ОТ	

P.

Item	Acronym	Description
Parts and Labor Plan	PLP	

payback period	PBP	
payment arrangement	PAR	
Pennsylvania Department of Transportation	PennDOT	
Pennsylvania Human Relations Commission	PaHRC	
Pennsylvania Public Utility Commission	PaPUC	
performance improvement plan	PIP	
personal computer	PC	
Philadelphia Commission on Human Relations	PCHR	
Philadelphia Facilities Management Corporation	PFMC	
Philadelphia Gas Commission	PGC	Same acronym as purchased gas costs
Philadelphia Gas Works	PGW	
Philadelphia Housing Authority	PHA	
Philadelphia Human Rights Commission	PHRC	
preventive maintenance	PM	
Pricewaterhouse Coopers, LLC	PwC	
project management office	PMO	
Project Management Professional	PMP	
Public Utility Commission	PUC	
purchase order	РО	
purchased gas costs	PGC	Same acronym as Philadelphia Gas Commission
Purchasing Management Association of Philadelphia	PMAP	

Q.

Item	Acronym	Description
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quality assurance	QA	
quality-of-service isolation	QoS isolation	

R.

Item	Acronym	Description
request for proposal	RFP	
request for quote	RFQ	
Return Material Authorization	RMA	
Revenue Protection Unit	RPU	

S.

Item	Acronym	Description
Sarbanes-Oxley Act	SOX	
Securities and Exchange Commission	SEC	
Senior Vice President	SVP	
separate trading of interest and principal securities	STRIPS	
service level agreement	SLA	
Small Business Administration	SBA	
Source of Authority	SOA	
Southeastern Pennsylvania Transportation Authority	SEPTA	
storage area network	SAN	
Strategic Alignment Score	SAS	
Strategic Focused Organization	SFO	
Supervisory Control and Data Acquisition	SCADA	
Supply Chain	SC	

T.

Item	Acronym	Description
tax-exempt commercial paper	TXCP	
third-party administrator	TPA	
Transcontinental Pipeline	Transco	

U.

Item	Acronym	Description
unaccounted-for gas	UAG	
Underground Facilities Database	UFD	
uninterruptible power supply	UPS	
United States Department of Transportation	USDOT	
Utility Emergency Service Fund	UESF	
Utility Workers Union of America	UWUA	

V.

Item	Acronym	Description
Vice President	VP	
virtual machine	VM	

W.

Item	Acronym	Description
wide area network	WAN	
women business enterprise	WBE	

workers' compensation	WC	
W W		
<i>X</i> , <i>Y</i> .	Τ	
Item	Acronym	Description
	1	
Z.		
Item	Acronym	Description
zero balance account	ZBA	