

August 14, 2024

Via E-File

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105

**RE: PA Public Utility Commission v. PECO Energy Company
Docket No. R-2024-3048767**

Dear Secretary Chiavetta:

Per Administrative Law Judge Brady's Order dated August 14, 2024, enclosed for filing are the following:

1. PECO's Advance Filing containing Sections 1-22, filed on April 30, 2024;
2. PECO's Statement Nos. 1-4, with accompanying exhibits, filed on May 31, 2024;
and
3. OCA Statement No. 1.

Please do not hesitate to contact me if you require additional information. Thank you.

Respectfully submitted,

Shane P. Simon

Shane P. Simon

SPS/cf
Encls.
CC: per Certificate of Service

CERTIFICATE OF SERVICE

I, Shane P. Simon, Esquire, hereby certify that I am on this day serving copies of: (1) PECO’s Advance Filing containing Sections 1-22, filed on April 30, 2024; (2) PECO’s Statement Nos. 1-4, with accompanying exhibits, filed on May 31, 2024; and (3) OCA Statement No. 1 upon the participants listed below in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant):

Via e-filing

Rosemary Chiavetta
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265
rchiavetta@pa.gov

Via Electronic Mail

Steven C. Gray, Esquire
Senior Attorney
Assistant Small Business Advocate
Office of Small Business Advocate
300 North 2nd Street
Suite 202
Harrisburg, PA 17101
sgray@pa.gov

Via Electronic Mail

Hon. F. Joseph Brady
Administrative Law Judge
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120
fbrady@pa.gov
pmcneal@pa.gov

Via Electronic Mail

Melanie Joy El Atieh, Esq.
Emily A. Farren, Esq.
Office of Consumer Advocate
555 Walnut Street, 5th Floor
Forum Place
Harrisburg, PA 17101-1923
melatieh@paoca.org
efarren@paoca.org

Via Electronic Mail

Michael A. Podskoch Esq.
Prosecutor
Pennsylvania Public Utility Commission
Bureau of Investigations & Enforcement
Commonwealth Keystone Building
400 North Street
P.O. Box 3265
Harrisburg, PA 17101
mpodskoch@pa.gov

Via Electronic Mail

Charis Mincavage, Esq.
Adeolu A. Bakare, Esq.
H. Ryan Block, Esq.
McNees Wallace & Nurick LLC
100 Pine Street
P.O. Box 1166
Harrisburg, PA 17108
cmincavage@mcneeslaw.com
abakare@mcneeslaw.com
hblock@mcneeslaw.com

Via Electronic Mail

Jack R. Garfinkle, Esq.
Adesola Adegbesan, Esq.
PECO Energy Company
2301 Market Street
23rd Floor
Philadelphia, PA 19103
Jack.Garfinkle@exeloncorp.com
Adesola.Adegbesan@exeloncorp.com

Dated: August 14, 2024

By: /s/ Shane P. Simon
Shane P. Simon, Esquire
PA Attorney No.: 319643



pecoSM

AN EXELON COMPANY

Richard G. Webster, Jr.
Vice President
Regulatory Policy & Strategy

Telephone 215.841.5777
Fax 215.841.6208
www.peco.com
dick.webster@peco-energy.com

PECO
2301 Market Street
S15
Philadelphia, PA 19103

VIA E-Filing Only

April 30, 2024

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, Second Floor
Harrisburg, PA 17120

SUBJECT: Information Submitted in Compliance with Section 1307(f) of the Public Utility Code
Recovery of Purchased Gas Costs
Reference: Tariff Gas – Pa. P.U.C. No. 5 – PECO Energy Company

Dear Secretary Chiavetta:

PECO Energy Company's ("PECO" or the "Company") annual Purchased Gas Cost ("PGC") filing under Section 1307(f) of the Public Utility Code will be made on or before June 1, 2024, in accordance with the schedule of filing dates established by the Pennsylvania Public Utility Commission (the "Commission"). As provided in 52 Pa. Code § 53.64(c)(1), supporting data for any proposed increase or decrease in purchased gas costs must be filed with the Commission thirty days prior to the annual PGC filing. Accordingly, the Company is submitting the supporting information required by 52 Pa. Code §§ 53.64, excluding historic monthly end-user transportation information, which is too voluminous to reproduce, but will be made available for review upon request.

Rosemary Chiavetta, Secretary
April 30, 2024
Page 2

Thank you for your assistance in this matter and if you have any questions please contact Megan A. McDevitt, Senior Manager, Retail Rates at (267) 533-1942 or via email: megan.mcdevitt@exeloncorp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "R.W." followed by a long horizontal flourish.

Richard G. Webster, Jr.
Vice President
Regulatory Policy & Strategy

Enclosures

Cc: K. Hafner, Director, Office of Special Assistants (via email service only)
P.T. Diskin, Director, Bureau of Technical Utility Services (via email service only)
K. A. Monaghan, Director, Bureau of Audits (via email service only)

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PENNSYLVANIA PUBLIC UTILITY
COMMISSION**

v.

PECO ENERGY COMPANY

:
:
:
:
:
:

Docket No. R-2024-XXXXXXX

CERTIFICATE OF SERVICE

I hereby certify that I am this day serving a true copy of the advance filing Information Submitted in Compliance with Section 1307(f) of the Public Utility Code, Recovery of Purchased Gas Costs, upon the participants listed below in accordance with the requirements of 52 Pa. Code Section 1.54 (relating to service by a participant).

Via E-File

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265
rchiavetta@pa.gov

Via Email

Nicole Tillman, Executive Director
NazAarah Sabree
Office of Small Business Advocate
555 Walnut Street
1st Floor, Forum Place
Harrisburg, PA 17101-1923
nitillman@pa.gov
ra-sba@pa.gov

Via Email

Carrie B. Wright, Esquire
Pennsylvania Public Utility Commission
Bureau of Investigation & Enforcement
400 North Street, 2nd Floor West
Harrisburg, PA 17120
carwright@pa.gov

Via Email

Charis Mincavage, Esquire
Adeolu A. Bakare, Esquire
McNees Wallace & Nurick, LLC
100 Pine Street
Harrisburg, PA 17101
cmincavage@mcneeslaw.com
abakare@mcneeslaw.com

Via Email

Patrick M. Cicero, Consumer Advocate
Office of Consumer Advocate
555 Walnut Street, 5th Floor
Forum Place
Harrisburg, PA 17101-1923
PCicero@paoca.org
ra-oca@paoca.org

A handwritten signature in black ink, appearing to read 'Brandon J. Pierce', written over a horizontal line.

Dated: April 30, 2024

Brandon J. Pierce, Esquire
PECO Energy Company
2301 Market Street, S23-1
Philadelphia, PA 19103
Phone: 215-841-4220

PGC 41 2024

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

PECO Energy Company
2301 Market Street
Philadelphia, PA 19103

1307(f) RATE PROCEEDING

Information Submitted in Compliance with Act 74 of 1984 and
Pursuant to Title 52 Pennsylvania Code Sections 53.64 and
53.65 Supporting Recovery of Purchased Gas Costs

FILED: April 30, 2024

Section	Nature of Information
1	Spot and long-term sources of gas supply, production, transportation, and storage
2	Copies of Federal Tariffs
3	Future sources of supply, production, transportation, and storage (Abstract)
4	Gas supply, transportation, and storage offered but not chosen
5	Federal Energy Regulatory proceedings
6	Projection of pricing and volumes from April 2024 to November 2024
7	Projection of pricing and volumes from December 2024 to November 2025
8	Current fuel procurement practices
9	List of off-system sales
10	Transportation gas agreements
11	Transportation gas quantities by customer
12	Historic monthly use end-user transportation
13	System map and pressures
14	Rate structure
15	Peak day data for 5-year consecutive 3-day peak
16	Peak day methodology
17	Projected minimum gas requirements to serve firm customers over the next ten years
18	Three-day peak by customer class, including transportation customers
19	Design peak-day requirements by customer class
20	Design peak day sources of supply
21	Maximum design peak day throughput by supply source
22	Gas Supply Reliability Plan

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

AccrTotal		Accrual Mo																
Key	Contracts	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	11/1/2023	12/1/2023	1/1/2024	2/1/2024	3/1/2024	Grand Total	
Pipeline	Eastern Shore	\$117,523	\$116,306	\$120,616	\$121,076	\$119,477	\$115,285	\$119,477	\$119,477	\$119,477	\$119,811	\$121,368	\$121,567	\$122,171	\$121,840	\$122,266	\$1,797,736	
	Transcontinental	\$2,269,928	\$2,080,818	\$2,168,751	\$1,922,456	\$2,125,612	\$1,989,001	\$2,022,119	\$1,980,956	\$1,898,967	\$2,200,914	\$2,924,590	\$3,195,562	\$3,225,985	\$2,973,044	\$3,008,068	\$35,986,771	
	UGI	\$35,797	\$211,982	\$25,897	\$23,966	\$23,966	\$23,966	\$23,966	\$23,966	\$23,966	\$23,966	\$23,966	\$63,163	\$26,044	\$101,174	\$26,087	\$24,754	\$682,659
	Texas Eastern	\$4,852,076	\$4,846,600	\$4,582,814	\$2,738,509	\$3,277,648	\$3,241,929	\$3,190,592	\$3,132,590	\$3,172,009	\$3,243,150	\$3,657,818	\$3,674,902	\$3,723,072	\$3,714,607	\$3,572,818	\$54,621,136	
	Adelphia	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$307,969	\$308,287	\$307,969	\$307,969	\$4,619,850
	Eastern Gas	\$362,669	\$361,497	\$368,988	\$270,066	\$272,568	\$260,505	\$273,439	\$273,439	\$272,756	\$272,756	\$338,583	\$357,997	\$368,000	\$366,713	\$359,866	\$4,779,843	
Pipeline Total		\$7,945,962	\$7,925,171	\$7,575,035	\$5,384,043	\$6,127,239	\$5,938,654	\$5,937,562	\$5,838,398	\$5,795,144	\$6,168,566	\$7,413,491	\$7,684,041	\$7,848,689	\$7,510,261	\$7,395,740	\$102,487,995	
Supplier	TE/TR 3221	\$6,869,408	\$979,893	\$854,945	\$647,328	\$627,099	\$465,267	\$497,499	\$443,150	\$392,443	\$526,763						\$12,303,794	
	TE/TR 5006	\$2,706,300	\$2,602,101	\$2,706,300		\$299,167	\$90,846		\$6,188	\$101,328	\$158,547	\$4,720,211	\$4,842,041	\$4,786,710	\$4,491,438	\$4,786,710	\$32,297,886	
	TE/TR 5084				\$40,695	\$1,472,175	\$6,795	\$1,172,591	\$955,467	\$823,320	\$1,306,521						\$5,777,563	
	TE/TR 6607	\$7,609,340	\$7,391,811	\$4,025,701	\$2,246,147	\$2,252,542	\$1,703,222	\$2,067,117	\$1,586,125	\$1,550,687	\$2,331,524	\$7,621,225	\$7,149,816	\$11,380,751	\$6,706,990	\$1,677,984	\$67,300,984	
	TE/TR 3220		\$36,926									\$824,400	\$851,880	\$851,880	\$796,920	\$851,880	\$4,213,886	
	TE/TR 5101		\$193,998	\$506,139		\$328,608	\$60,455		\$15,090	\$192,092	\$197,137	\$1,079,723	\$427,434	\$2,972,252	\$449,255	\$52,214	\$6,474,396	
	TE/TR 5109											\$1,178,992	\$474,167	\$2,383,262	\$93,940		\$4,130,361	
	TE/TR 8349	\$2,310,120	\$2,086,560	\$2,310,120								\$1,417,500	\$1,464,750	\$1,630,113	\$1,370,250	\$1,464,750	\$14,054,163	
	TE/TR 4799	\$400,000	\$800,000	\$2,208,970										\$2,200,000	\$1,800,000		\$7,408,970	
	TE/TR 5104	\$1,015,560	\$917,280	\$1,015,560													\$2,948,400	
	TE/TR 4365					\$42,600											\$42,600	
	Constellation			\$59,903					\$22,440								\$82,343	
	TE/TR 7347											\$152,557		\$3,132,220	\$75,608		\$3,360,385	
	TE/TR CE	\$157,800	\$157,800														\$315,600	
	TE/TR 5098	\$676,110	\$610,680	\$737,110		\$447,940	\$74,880			\$138,026	\$449,593	\$177,250	\$26,920				\$3,338,509	
	TE/TR AM 11	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$1,170,000
	TE/TR 5084A				\$1,445,070		\$1,127,970											\$2,573,040
TE/TR TM													\$155,341	\$145,319		\$300,660		
Supplier Total		\$21,822,638	\$15,855,049	\$14,502,748	\$4,457,240	\$5,548,131	\$3,607,435	\$3,815,206	\$3,106,459	\$3,275,896	\$5,048,085	\$17,249,857	\$15,315,009	\$29,570,530	\$16,007,721	\$8,911,538	\$168,093,542	
Grand Total		\$29,768,600	\$23,780,220	\$22,077,783	\$9,841,283	\$11,675,370	\$9,546,089	\$9,752,768	\$8,944,857	\$9,071,040	\$11,216,651	\$24,663,349	\$22,999,050	\$37,419,218	\$23,517,981	\$16,307,278	\$270,581,537	

Sum of MiscCosts	Payment Mo															
Misc_Qtrly Rpt	1/31/2023	2/28/2023	3/31/2023	4/30/2023	5/31/2023	6/30/2023	7/31/2023	8/31/2023	9/30/2023	10/31/2023	11/30/2023	12/31/2023	1/31/2024	2/29/2024	3/31/2024	Grand Total
LNG Storages	\$57,799	\$178,423	\$58,339	\$68,174	\$49,668	\$63,110	\$63,451	\$55,096	(\$208,082)	\$48,564	\$380,764	\$121,564	\$62,751	\$53,019	\$426,950	\$1,479,590
PRO Storages	\$0	\$70,195	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,297	\$0	\$0	\$0	\$0	\$88,492
UG Storages	\$20,899,719	\$17,799,242	\$18,595,630	\$249,870	(\$3,499,120)	(\$2,792,952)	(\$3,262,153)	(\$2,824,182)	(\$2,612,225)	(\$2,896,527)	\$683,652	\$7,279,389	\$11,758,171	\$8,301,668	\$7,995,907	\$75,676,088
Grand Total	\$20,957,518	\$18,047,860	\$18,653,970	\$318,043	(\$3,449,452)	(\$2,729,842)	(\$3,198,702)	(\$2,769,086)	(\$2,820,307)	(\$2,847,963)	\$1,082,713	\$7,400,953	\$11,820,922	\$8,354,687	\$8,422,857	\$77,244,170

Section 1

PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024

Sum of Adjs		Payment Mo																Grand Total
Contracts	Dem/Var/CapRel	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
Adelphia	Demand	\$0	\$0	(\$517)	\$0	(\$187)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$704)	
	Variable														\$0	\$10	\$10	
Constellation	Variable			\$59,903	(\$59,903)												\$0	
Eastern Gas	Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)	\$0	\$0	
	Variable	\$197	(\$467)	\$179	\$263	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171	
Eastern Shore	Demand	\$0	\$3,452	(\$347)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,105	
	Variable	(\$2,572)	(\$2,155)	\$3,564	\$1,014	\$44		\$0	\$25	\$1		\$24	(\$255)	(\$196)	(\$171)	(\$41)	(\$718)	
TE/TR 4365	Variable	\$0						\$0									\$0	
TE/TR 4799	Demand	\$0	\$0	\$0	\$0												\$0	
	Variable	\$261,840	\$523,680											\$930,820	\$761,580		\$2,477,920	
TE/TR 5004	Variable	\$0															\$0	
TE/TR 5006	Variable	\$116	\$0	\$14	\$0		\$0	(\$0)		\$0	\$0	(\$23,400)	(\$28,374)	\$0	\$0	\$0	(\$51,644)	
TE/TR 5084	Demand					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	
	Variable					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	
TE/TR 5084A	Variable					\$0		\$0		\$0							\$0	
TE/TR 5098	Variable	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$400	\$0				\$400	
TE/TR 5101	Variable	\$52		\$6	\$24		\$0	\$0		\$0	\$9,450	\$0	\$28,345	(\$8)	(\$160)	(\$5)	\$37,703	
TE/TR 5104	Variable	\$0	\$0	\$0	\$0												\$0	
TE/TR 5109	Variable												(\$3)	\$155,342	\$6	(\$2)	\$155,343	
TE/TR 6607	Demand																\$0	
	Variable	(\$10,642)	\$29	\$100	(\$22)	(\$16,223)	(\$4)	(\$10)	\$7	\$0	(\$0)	\$5	\$15,715	\$5,478	(\$410)	(\$24)	(\$6,000)	
TE/TR 7347	Variable												\$1		\$0	(\$7)	(\$6)	
TE/TR 8349	Variable	\$0	\$0	\$0	\$0								\$0	\$0	\$0	\$0	\$0	
TE/TR AM 11	Variable	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TE/TR CE	Variable	\$0	\$0	\$0													\$0	
TE/TR DTE 5098	Variable													\$0			\$0	
TE/TR TM	Variable														\$0	\$0	\$0	
Texas Eastern	CapRel	\$0	(\$1,196)	\$0	\$0	\$4,893	(\$0)	\$1,249	\$1,636	\$0	\$0	\$0	\$1,646	\$0	\$0	\$0	\$8,228	
	Demand	(\$1,136)	\$1,203	(\$2,199)	(\$1,117,750)	(\$2,369)	\$0	\$0	\$0	\$1	\$270	(\$0)	(\$273)	\$0	\$0	\$0	(\$1,122,253)	
	Variable	\$0	\$0	\$0	\$0	(\$19)	\$2,439	(\$261)	(\$199)	\$2,338	(\$38)	(\$129)	(\$305)	(\$3,873)	(\$1,181)	\$1,017	(\$210)	
Transcontinental	CapRel	\$0	\$0	\$0	\$0	\$64	\$0	\$0	\$181	\$0	\$0	\$0	(\$1)	\$0	\$0	(\$2)	\$243	
	Demand	\$401,955	\$364,848	\$401,954	\$387,578	\$309,514	\$299,529	\$309,532	\$309,514	\$299,781	\$309,952	\$299,677	\$309,668	\$309,731	\$287,973	\$307,834	\$4,909,041	
	Variable	\$944	(\$2,352)	\$34	(\$9,253)	(\$285)	(\$445)	(\$280)	(\$485)	\$20	(\$465)	(\$219)	(\$39)	\$0	\$558	\$238	(\$12,029)	
UGI	Demand	\$0	(\$2,704)	\$0	\$0	\$460	\$315	\$318	\$600	\$600	\$597	\$895	\$0	\$0	\$0	\$196	\$1,277	
	Variable	\$336,931		\$4,477	(\$461)			\$9,103					\$1,089	\$76	(\$27,840)	\$0	\$323,375	
Grand Total		\$987,685	\$884,338	\$467,167	(\$798,510)	\$295,893	\$301,834	\$319,651	\$311,280	\$302,740	\$319,766	\$277,254	\$327,213	\$1,397,372	\$1,020,355	\$309,214	\$6,723,252	

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

Key	Vendor / Pipeline	Qtrly_Contracts	Rate Schedule	Accrual Mo Data													
				6/1/2023		7/1/2023		8/1/2023		9/1/2023		10/1/2023					
				Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total				
Pipeline	Eastern Shore	Eastern Shore	Cash In Commodity Demand Transportation	\$10,000	(\$4,192) \$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$16,770	\$334
	Eastern Shore Total			\$10,000	\$115,285	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$119,811	\$26,770	\$119,811
	Texas Eastern Transmission	Texas Eastern	Capacity Release Cash In Cash Out Demand Storage Injection Storage Withdrawl Demand Credit Transportation	(\$7,836,240)	(\$1,239,277) \$232	(\$8,100,641)	(\$1,282,918) \$4,475,657	(\$8,136,260)	(\$1,309,884) \$19,952	(\$7,877,040)	(\$1,270,000) \$6	(\$7,527,141)	(\$1,286,843) (\$759)	(\$7,527,141)	(\$1,286,843)	\$486,835	\$25,122
	Texas Eastern Transmission Total			(\$7,836,240)	(\$1,239,277)	(\$8,100,641)	(\$1,282,918)	(\$8,136,260)	(\$1,309,884)	(\$7,877,040)	(\$1,270,000)	(\$7,527,141)	(\$1,286,843)	(\$7,527,141)	(\$1,286,843)	\$486,835	\$25,122
	Transcontinental Gas Pipeline	Transcontinental	Capacity Release Cash In Cash Out Commodity Demand Storage Injection Storage Withdrawl Demand Credit Transportation	(\$6,220,920)	(\$1,533,091) \$91,505	(\$7,201,486)	(\$1,628,670) \$84,084	(\$7,234,067)	(\$1,664,316) \$49,328	(\$7,243,140)	(\$1,629,228) \$80,902	(\$7,687,938)	(\$1,663,210) \$3,018,084	(\$7,687,938)	(\$1,663,210)	\$2,525	\$129,693
	Transcontinental Gas Pipeline Total			(\$6,220,920)	(\$1,533,091)	(\$7,201,486)	(\$1,628,670)	(\$7,234,067)	(\$1,664,316)	(\$7,243,140)	(\$1,629,228)	(\$7,687,938)	(\$1,663,210)	(\$7,687,938)	(\$1,663,210)	\$2,525	\$129,693
	UGI 1801	UGI	Cash Out Commodity Demand	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966
	UGI 1801 Total			\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966
	Adelphia	Adelphia	Demand Demand Credit Transportation	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)	\$22,500	\$313,875 (\$5,906)
	Adelphia Total			\$22,500	\$307,969	\$22,500	\$307,969	\$22,500	\$307,969	\$22,500	\$307,969	\$22,500	\$307,969	\$22,500	\$307,969	\$22,500	\$307,969
	Eastern Gas Transmission	Eastern Gas	Cash In Demand Storage Injection Storage Withdrawl Transportation	\$4,774,692	\$252,271 \$20,436	\$4,774,692	\$252,271 \$21,169	\$4,774,692	\$252,271 \$21,169	\$4,774,692	\$252,271 \$20,486	\$4,774,692	\$252,271 \$20,486	\$4,774,692	\$252,271	\$517,320	\$20,486
	Eastern Gas Transmission Total			\$4,774,692	\$252,271	\$4,774,692	\$252,271	\$4,774,692	\$252,271	\$4,774,692	\$252,271	\$4,774,692	\$252,271	\$4,774,692	\$252,271	\$517,320	\$20,486
Pipeline Total				\$4,458,251	\$5,938,654	\$3,396,197	\$5,937,562	\$2,556,693	\$5,838,398	\$3,141,603	\$5,795,144	\$4,199,160	\$6,168,566	\$4,199,160	\$6,168,566		

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

Key	Vendor / Pipeline	Qtrly_Contracts	Rate Schedule	Accrual Mo Data										Total Accr_Vol	Total Accr_Total		
				11/1/2023		12/1/2023		1/1/2024		2/1/2024		3/1/2024					
				Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total				
Pipeline	Eastern Shore	Eastern Shore	Cash In														
			Commodity														
			Demand	\$10,000	\$119,477	\$10,000	\$119,477	\$10,000	\$120,359	\$10,000	\$120,359	\$10,000	\$120,359	\$10,000	\$120,359	\$150,000	\$1,792,824
			Transportation	\$95,019	\$1,891	\$120,758	\$2,403	\$155,696	\$3,098	\$133,240	\$2,651	\$89,820	\$1,787	\$971,084	\$19,325		
	Eastern Shore Total			\$105,019	\$121,368	\$130,758	\$121,567	\$165,696	\$122,171	\$143,240	\$121,840	\$99,820	\$122,266	\$1,121,084	\$1,797,736		
	Texas Eastern Transmission	Texas Eastern	Capacity Release	(\$4,453,580)	(\$851,498)	(\$4,894,838)	(\$885,748)	(\$4,894,962)	(\$885,838)	(\$4,576,606)	(\$822,366)	(\$4,888,235)	(\$876,186)	(\$83,513,610)	(\$16,104,072)		
			Cash In														
			Cash Out		\$751								\$122		\$1,925		
			Demand	\$1,012,116	\$4,479,539	\$1,012,116	\$4,470,646	\$1,012,116	\$4,470,646	\$1,012,116	\$4,446,394	\$1,012,116	\$4,446,394	\$15,181,740	\$70,443,081		
			Storage Injection	\$146,924	\$5,304	\$15,999	\$590			\$1,082	\$40	\$37,566	\$1,386	\$4,072,959	\$174,453		
			Storage Withdrawl	\$233,309	\$17,195	\$544,719	\$40,854	\$950,195	\$71,265	\$737,433	\$52,063	\$1,211,074	\$85,502	\$6,701,184	\$506,893		
			Demand Credit		(\$106,222)		(\$106,862)		(\$106,892)		(\$107,043)		(\$106,941)		(\$1,568,528)		
			Transportation	\$2,520,092	\$120,870	\$3,700,931	\$155,422	\$4,285,712	\$173,892	\$4,031,302	\$145,521	\$1,516,691	\$22,543	\$43,479,681	\$1,676,463		
	Texas Eastern Transmission Total			(\$541,139)	\$3,657,818	\$378,927	\$3,674,902	\$1,353,061	\$3,723,072	\$1,205,327	\$3,714,607	(\$1,110,788)	\$3,572,818	(\$14,078,046)	\$54,621,136		
	Transcontinental Gas Pipeline	Transcontinental	Capacity Release	(\$6,587,520)	(\$1,204,937)	(\$7,061,319)	(\$1,266,923)	(\$7,204,865)	(\$1,304,165)	(\$6,738,179)	(\$1,212,085)	(\$7,082,911)	(\$1,252,781)	(\$99,930,135)	(\$21,908,800)		
			Cash In														
			Cash Out														
			Commodity														
			Demand	\$6,690,206	\$4,102,907	\$6,694,760	\$4,379,538	\$6,694,760	\$4,379,538	\$6,694,760	\$4,096,987	\$6,690,206	\$4,239,671	\$100,046,640	\$57,342,096		
			Storage Injection	\$304,924	\$7,204	\$5,168	\$23			\$21,447	\$162	\$40,886	\$2,505	\$6,142,340	\$192,226		
			Storage Withdrawl	\$451,882	\$17,464	\$1,313,204	\$61,076	\$2,074,007	\$84,864	\$1,357,649	\$60,449	\$918,770	\$27,252	\$10,546,584	\$441,463		
			Demand Credit		(\$42,338)		(\$42,761)		(\$42,605)		(\$42,665)		(\$42,624)		(\$800,671)		
			Transportation	\$1,442,788	\$44,289	\$2,053,938	\$71,692	\$3,097,112	\$108,352	\$2,023,904	\$70,197	\$972,584	\$34,045	\$29,625,642	\$719,339		
	Transcontinental Gas Pipeline Total			\$2,302,280	\$2,924,590	\$3,005,751	\$3,195,562	\$4,661,014	\$3,225,985	\$3,359,581	\$2,973,044	\$1,539,535	\$3,008,068	\$46,431,071	\$35,986,771		
	UGI 1801	UGI	Cash Out		\$37,000										\$37,000		
			Commodity		\$2,197		\$2,078		\$77,208		\$2,121		\$788		\$286,169		
			Demand	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$3,360	\$23,966	\$50,400	\$359,490		
	UGI 1801 Total			\$3,360	\$63,163	\$3,360	\$26,044	\$3,360	\$101,174	\$3,360	\$26,087	\$3,360	\$24,754	\$50,400	\$682,659		
	Adelphia	Adelphia	Demand	\$22,500	\$313,875	\$22,500	\$308,003	\$22,500	\$308,003	\$22,500	\$308,003	\$22,500	\$308,003	\$337,500	\$4,684,635		
			Demand Credit		(\$5,906)		(\$34)		(\$34)		(\$34)		(\$34)		(\$65,104)		
			Transportation		\$319		\$144,872		\$167,372		\$319		\$144,872		\$319		
	Adelphia Total			\$22,500	\$307,969	\$22,500	\$307,969	\$167,372	\$308,287	\$22,500	\$307,969	\$22,500	\$307,969	\$482,372	\$4,619,850		
	Eastern Gas Transmission	Eastern Gas	Cash In				(\$378)								(\$12,579)		
			Demand	\$4,788,692	\$335,390	\$4,788,692	\$335,390	\$4,788,692	\$335,390	\$4,788,692	\$335,390	\$4,788,692	\$335,390	\$71,732,380	\$4,450,288		
			Storage Injection	\$57,425	\$2,257					\$34,981	\$1,375	\$35,299	\$1,387	\$3,747,940	\$148,380		
			Storage Withdrawl	\$34,663	\$936	\$760,888	\$20,544	\$1,076,433	\$29,064	\$983,411	\$26,552	\$766,010	\$20,682	\$6,413,899	\$173,555		
			Transportation			\$435,698	\$2,440	\$633,142	\$3,546	\$606,344	\$3,396	\$429,618	\$2,406	\$3,662,518	\$20,199		
	Eastern Gas Transmission Total			\$4,880,780	\$338,583	\$5,985,278	\$357,997	\$6,498,267	\$368,000	\$6,413,428	\$366,713	\$6,019,619	\$359,866	\$85,556,737	\$4,779,843		
Pipeline Total				\$6,772,800	\$7,413,491	\$9,526,574	\$7,684,041	\$12,848,770	\$7,848,689	\$11,147,436	\$7,510,261	\$6,574,046	\$7,395,740	\$119,563,618	\$102,487,995		

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

		Accrual Mo Data															
		1/1/2023		2/1/2023		3/1/2023		4/1/2023		5/1/2023		6/1/2023		7/1/2023		8/1/2023	
Key	Qtrly_Contracts	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total
Supplier	TE/TR 3220			14,800	\$36,926												
	TE/TR 3221	1,813,066	\$6,869,408	377,608	\$979,893	418,066	\$854,945	404,580	\$647,328	418,066	\$627,099	404,580	\$465,267	418,066	\$497,499	418,066	\$443,150
	TE/TR 5006	558,000	\$2,706,300	559,000	\$2,602,101	558,000	\$2,706,300			197,115	\$299,167	68,291	\$90,846			5,000	\$6,188
	TE/TR 5084							926,000	\$40,695	1,872,400	\$1,472,175	906,000	\$6,795	1,872,400	\$1,172,591	1,835,200	\$955,467
	TE/TR 6607	1,666,100	\$7,609,340	2,753,854	\$7,391,811	1,799,789	\$4,025,701	1,308,966	\$2,246,147	1,363,861	\$2,252,542	1,160,740	\$1,703,222	1,272,798	\$2,067,117	962,798	\$1,586,125
	TE/TR 5101			70,000	\$193,998	210,000	\$506,139			174,390	\$328,608	48,413	\$60,455			12,000	\$15,090
	TE/TR 5109																
	TE/TR 8349	186,000	\$2,310,120	168,000	\$2,086,560	186,000	\$2,310,120										
	TE/TR 4799		\$400,000		\$800,000		\$2,208,970										
	TE/TR 5104	186,000	\$1,015,560	168,000	\$917,280	186,000	\$1,015,560										
	TE/TR 4365									30,000	\$42,600						
	Constellation						\$59,903										\$22,440
	TE/TR 7347																
	TE/TR CE		\$157,800		\$157,800												
	TE/TR 5098	186,000	\$676,110	168,000	\$610,680	206,000	\$737,110			275,000	\$447,940	59,000	\$74,880				
	TE/TR AM 11		\$78,000		\$78,000		\$78,000		\$78,000		\$78,000		\$78,000		\$78,000		\$78,000
	TE/TR 5084A							906,000	\$1,445,070			906,000	\$1,127,970				
	TE/TR TM																
Supplier Total		4,595,166	\$21,822,638	4,279,262	\$15,855,049	3,563,855	\$14,502,748	3,545,546	\$4,457,240	4,330,832	\$5,548,131	3,553,024	\$3,607,435	3,563,264	\$3,815,206	3,233,064	\$3,106,459

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

		Accrual Mo Data															
		9/1/2023		10/1/2023		11/1/2023		12/1/2023		1/1/2024		2/1/2024		3/1/2024		Total Accr_Vol	Total Accr_Total
Key	Qtrly_Contracts	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total	Accr_Vol	Accr_Total		
Supplier	TE/TR 3220			418,066	\$526,763	180,000	\$824,400	186,000	\$851,880	186,000	\$851,880	174,000	\$796,920	186,000	\$851,880	926,800	\$4,213,886
	TE/TR 3221	404,580	\$392,443													5,494,744	\$12,303,794
	TE/TR 5004	75,696	\$101,328	85,920	\$158,547	759,363	\$4,720,211	770,490	\$4,842,041	744,000	\$4,786,710	709,155	\$4,491,438	744,000	\$4,786,710	5,834,030	\$32,297,886
	TE/TR 5006	1,761,000	\$823,320	1,867,741	\$1,306,521											11,040,741	\$5,777,563
	TE/TR 5084	991,972	\$1,550,687	1,414,825	\$2,331,524	3,425,517	\$7,621,225	3,242,266	\$7,149,816	3,929,445	\$11,380,751	3,545,759	\$6,706,990	1,269,876	\$1,677,984	30,108,566	\$67,300,984
	TE/TR 6607	167,815	\$192,092	175,480	\$197,137			493,830	\$1,079,723	214,738	\$427,434	551,064	\$2,972,252	337,331	\$449,255	2,487,983	\$6,474,396
	TE/TR 5101					530,000	\$1,178,992	226,000	\$474,167	420,000	\$2,383,262	70,000	\$93,940			1,246,000	\$4,130,361
	TE/TR 8349					180,000	\$1,417,500	186,000	\$1,464,750	240,005	\$1,630,113	174,000	\$1,370,250	186,000	\$1,464,750	1,506,005	\$14,054,163
	TE/TR 5098										\$2,200,000		\$1,800,000				\$7,408,970
	TE/TR AM 11															540,000	\$2,948,400
	TE/TR 5000															30,000	\$42,600
	TE/TR 4799																\$82,343
	TE/TR CE					53,100	\$152,557			437,001	\$3,132,220	40,000	\$75,608			530,101	\$3,360,385
	TE/TR Rev																\$315,600
	TE/TR STB	141,132	\$138,026	332,280	\$449,593	50,000	\$177,250	13,245	\$26,920							1,430,657	\$3,338,509
	Direct		\$78,000		\$78,000				\$78,000		\$78,000		\$78,000		\$78,000		\$1,170,000
	TE/TR 5104										\$155,341		\$145,319			1,812,000	\$2,573,040
	Constellation																\$300,660
Supplier Total		3,542,195	\$3,275,896	4,294,312	\$5,048,085	5,671,810	\$17,249,857	4,838,739	\$15,315,009	6,507,515	\$29,570,530	5,050,245	\$16,007,721	2,418,798	\$8,911,538	62,987,627	\$168,093,542

PECO ENERGY COMPANY
 SUMMARY OF FUELS \$ PURCHASED
 1/1/2023 THROUGH 3/31/2024

Spots		Accrual Mo Data			2/1/2023			3/1/2023			4/1/2023			5/1/2023		
		1/1/2023														
Qtrly_Contracts	Spot TE TR	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal
TE/TR 3220	TE				14,800	\$2.50	\$36,926.00									
TE/TR 3220 Total					14,800	\$2.50	\$36,926.00									
TE/TR 5006	TE													197,115	\$14.83	\$299,167.45
	TR				55,000	\$5.76	\$157,701.00									
TE/TR 5006 Total					55,000	\$5.76	\$157,701.00							197,115	\$14.83	\$299,167.45
TE/TR 5084	TE										20,000	\$1.70	\$33,900.00			
TE/TR 5084 Total											20,000	\$1.70	\$33,900.00			
TE/TR 5101	TE				70,000	\$5.54	\$193,998.00	210,000	\$9.79	\$506,138.50				116,390	\$9.05	\$219,397.51
	TR													58,000	\$5.62	\$109,210.00
TE/TR 5101 Total					70,000	\$5.54	\$193,998.00	210,000	\$9.79	\$506,138.50				174,390	\$14.66	\$328,607.51
TE/TR 5109	TE															
TE/TR 5109 Total																
TE/TR 6607	TE	318,100	\$18.89	\$871,771.82	426,110	\$29.92	\$942,030.80	1,033,790	\$48.14	\$2,277,834.85	70,916	\$5.72	\$133,339.26	60,000	\$1.36	\$81,600.00
	TR	15,000	\$2.63	\$39,507.00	289,260	\$21.04	\$709,164.00	297,000	\$27.87	\$698,530.00	25,000	\$2.06	\$51,375.00	35,000	\$3.45	\$61,400.00
TE/TR 6607 Total		333,100	\$21.52	\$911,278.82	715,370	\$50.96	\$1,651,194.80	1,330,790	\$76.01	\$2,976,364.85	95,916	\$7.78	\$184,714.26	95,000	\$4.81	\$143,000.00
TE/TR 8349	TR															
TE/TR 8349 Total																
TE/TR 4799	TE				80,000	\$26.18	\$523,680.00									
	TR	40,000	\$6.55	\$261,840.00												
TE/TR 4799 Total		40,000	\$6.55	\$261,840.00	80,000	\$26.18	\$523,680.00									
TE/TR 4365	TE													25,000	\$7.11	\$35,525.00
	TR													5,000	\$1.42	\$7,075.00
TE/TR 4365 Total														30,000	\$8.52	\$42,600.00
TE/TR 7347	TE															
	TR															
TE/TR 7347 Total																
TE/TR 5098	TE							20,000	\$3.05	\$61,000.00				30,000	\$3.95	\$39,450.00
	TR													245,000	\$14.77	\$408,490.00
TE/TR 5098 Total								20,000	\$3.05	\$61,000.00				275,000	\$18.71	\$447,940.00
Grand Total		373,100	\$28.07	\$1,173,118.82	935,170	\$90.95	\$2,563,499.80	1,560,790	\$88.85	\$3,543,503.35	115,916	\$9.47	\$218,614.26	771,505	\$61.53	\$1,261,314.96

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

Spots		Accrual Mo Data														
		6/1/2023			8/1/2023			9/1/2023			10/1/2023			11/1/2023		
Qtrly_Contracts	Spot TE TR	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal
TE/TR 3220	TE															
TE/TR 3220 Total																
TE/TR 5006	TE	68,291	\$10.74	\$90,845.68	5,000	\$1.24	\$6,187.50	75,696	\$7.97	\$101,327.78	85,920	\$7.85	\$158,546.70	39,363	\$6.70	\$87,910.70
	TR															
TE/TR 5006 Total		68,291	\$10.74	\$90,845.68	5,000	\$1.24	\$6,187.50	75,696	\$7.97	\$101,327.78	85,920	\$7.85	\$158,546.70	39,363	\$6.70	\$87,910.70
TE/TR 5084	TE															
TE/TR 5084 Total																
TE/TR 5101	TE	43,413	\$3.64	\$53,792.56	12,000	\$1.26	\$15,090.00	129,815	\$10.04	\$142,564.67	165,480	\$3.36	\$181,437.00			
	TR	5,000	\$1.33	\$6,662.50				38,000	\$3.78	\$49,527.50	10,000	\$1.57	\$15,700.00	493,830	\$32.80	\$1,079,723.06
TE/TR 5101 Total		48,413	\$4.97	\$60,455.06	12,000	\$1.26	\$15,090.00	167,815	\$13.82	\$192,092.17	175,480	\$4.93	\$197,137.00	493,830	\$32.80	\$1,079,723.06
TE/TR 5109	TE													530,000	\$40.25	\$1,178,992.00
TE/TR 5109 Total														530,000	\$40.25	\$1,178,992.00
TE/TR 6607	TE	64,000	\$7.47	\$76,760.00				12,232	\$0.92	\$11,192.28	149,560	\$4.68	\$224,838.90	1,349,397	\$95.72	\$2,895,472.27
	TR	15,000	\$4.21	\$21,025.00				3,000	\$1.17	\$3,495.00				210,000	\$44.72	\$477,048.00
TE/TR 6607 Total		79,000	\$11.68	\$97,785.00				15,232	\$2.08	\$14,687.28	149,560	\$4.68	\$224,838.90	1,559,397	\$140.44	\$3,372,520.27
TE/TR 8349	TR															
TE/TR 8349 Total																
TE/TR 4799	TE															
	TR															
TE/TR 4799 Total																
TE/TR 4365	TE															
	TR															
TE/TR 4365 Total																
TE/TR 7347	TE													13,100	\$2.12	\$27,804.75
	TR													40,000	\$3.12	\$124,752.00
TE/TR 7347 Total														53,100	\$5.24	\$152,556.75
TE/TR 5098	TE	59,000	\$5.17	\$74,880.00				40,132	\$3.97	\$50,021.00	47,280	\$2.30	\$54,312.90			
	TR							101,000	\$2.83	\$88,005.00	285,000	\$11.29	\$395,280.00	50,000	\$3.55	\$177,250.00
TE/TR 5098 Total		59,000	\$5.17	\$74,880.00				141,132	\$6.79	\$138,026.00	332,280	\$13.59	\$449,592.90	50,000	\$3.55	\$177,250.00
Grand Total		254,704	\$32.56	\$323,965.74	17,000	\$2.50	\$21,277.50	399,875	\$30.66	\$446,133.23	743,240	\$31.05	\$1,030,115.50	2,725,690	\$228.97	\$6,048,952.78

**PECO ENERGY COMPANY
SUMMARY OF FUELS \$ PURCHASED
1/1/2023 THROUGH 3/31/2024**

Spots		Accrual Mo Data			1/1/2024			2/1/2024			3/1/2024			Total Sum of AccrVol	Total Sum of AccrRate	Total Sum of AccrTotal
		12/1/2023														
Qtrly_Contracts	Spot TE TR	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal	Sum of AccrVol	Sum of AccrRate	Sum of AccrTotal			
TE/TR 3220	TE													14,800	\$2.50	\$36,926.00
TE/TR 3220 Total														14,800	\$2.50	\$36,926.00
TE/TR 5006	TE	26,490	\$4.18	\$55,330.99				13,155	\$1.31	\$17,265.94				511,030	\$54.81	\$816,582.74
	TR													55,000	\$5.76	\$157,701.00
TE/TR 5006 Total		26,490	\$4.18	\$55,330.99				13,155	\$1.31	\$17,265.94				566,030	\$60.58	\$974,283.74
TE/TR 5084	TE													20,000	\$1.70	\$33,900.00
TE/TR 5084 Total														20,000	\$1.70	\$33,900.00
TE/TR 5101	TE							13,155	\$1.21	\$15,851.78				760,253	\$43.88	\$1,328,270.02
	TR	214,738	\$13.88	\$427,434.12	551,064	\$50.27	\$2,972,252.02	324,176	\$8.10	\$433,402.98	32,922	\$1.59	\$52,214.29	1,727,730	\$118.92	\$5,146,126.47
TE/TR 5101 Total		214,738	\$13.88	\$427,434.12	551,064	\$50.27	\$2,972,252.02	337,331	\$9.31	\$449,254.76	32,922	\$1.59	\$52,214.29	2,487,983	\$162.81	\$6,474,396.49
TE/TR 5109	TE	226,000	\$14.63	\$474,167.10	420,000	\$27.89	\$2,383,262.00	70,000	\$2.68	\$93,940.00				1,246,000	\$85.45	\$4,130,361.10
TE/TR 5109 Total		226,000	\$14.63	\$474,167.10	420,000	\$27.89	\$2,383,262.00	70,000	\$2.68	\$93,940.00				1,246,000	\$85.45	\$4,130,361.10
TE/TR 6607	TE	382,100	\$37.08	\$744,935.50	936,075	\$86.47	\$3,668,750.68	750,765	\$30.33	\$1,030,815.45	136,810	\$6.06	\$201,871.84	5,689,855	\$372.77	\$13,161,213.65
	TR	110,000	\$21.92	\$219,242.00	243,204	\$47.55	\$1,318,142.88	220,000	\$18.93	\$325,862.00	60,000	\$4.82	\$92,734.00	1,522,464	\$200.36	\$4,017,524.88
TE/TR 6607 Total		492,100	\$59.01	\$964,177.50	1,179,279	\$134.02	\$4,986,893.56	970,765	\$49.26	\$1,356,677.45	196,810	\$10.88	\$294,605.84	7,212,319	\$573.13	\$17,178,738.53
TE/TR 8349	TR				54,005	\$9.40	\$165,363.31							54,005	\$9.40	\$165,363.31
TE/TR 8349 Total					54,005	\$9.40	\$165,363.31							54,005	\$9.40	\$165,363.31
TE/TR 4799	TE				220,000	\$25.39	\$930,820.00	180,000	\$21.16	\$761,580.00				480,000	\$72.73	\$2,216,080.00
	TR													40,000	\$6.55	\$261,840.00
TE/TR 4799 Total					220,000	\$25.39	\$930,820.00	180,000	\$21.16	\$761,580.00				520,000	\$79.27	\$2,477,920.00
TE/TR 4365	TE													25,000	\$7.11	\$35,525.00
	TR													5,000	\$1.42	\$7,075.00
TE/TR 4365 Total														30,000	\$8.52	\$42,600.00
TE/TR 7347	TE				66,200	\$7.58	\$162,123.80							79,300	\$9.70	\$189,928.55
	TR				370,801	\$29.22	\$2,970,096.41	40,000	\$1.89	\$75,608.00				450,801	\$34.23	\$3,170,456.41
TE/TR 7347 Total					437,001	\$36.80	\$3,132,220.21	40,000	\$1.89	\$75,608.00				530,101	\$43.93	\$3,360,384.96
TE/TR 5098	TE	13,245	\$2.03	\$26,920.46										189,657	\$17.41	\$245,584.36
	TR													701,000	\$35.48	\$1,130,025.00
TE/TR 5098 Total		13,245	\$2.03	\$26,920.46										890,657	\$52.89	\$1,375,609.36
Grand Total		972,573	\$93.73	\$1,948,030.17	2,861,349	\$283.76	\$14,570,811.10	1,611,251	\$85.61	\$2,754,326.15	229,732	\$12.47	\$346,820.13	13,571,895	\$1,080.16	\$36,250,483.49

Section 2 – Copies of Federal Tariffs

Listed below are web page links containing interstate pipeline company tariffs filed with the Federal Energy Regulatory Commission (“FERC”). FERC Order No. 714 eliminated rate schedule “sheet numbers”. Rates are now listed by contract, in the “Currently Effective Rates” section of each tariff. Please refer to Section 3 of this filing for a listing of all contracts.

TEXAS EASTERN TRANSMISSION, L.P.

- <http://link.enbridge.com>
Informational Postings→Texas Eastern→Tariff→Currently Effective Rates

TRANSCONTINENTAL GAS PIPE LINE CORPORATION

- <http://www.1line.williams.com>
Transco Williams Info Postings→Tariff→Currently Effective Rates

EASTERN GAS TRANSMISSION AND STORAGE, INC.

- <https://dekaflow.bhegts.com/>
Eastern Gas Transmission and Storage, Inc. Informational Postings→Tariff→Currently Effective Rates

EASTERN SHORE NATURAL GAS COMPANY

- <http://www.gasnom.com/ip/eshore/>
Tariff→Currently Effective Rates

ADELPHIA GATEWAY NATURAL GAS COMPANY

- <http://www.gasnom.com/ip/adelphia>
Tariff→Currently Effective Rates

PECO ENERGY COMPANY

GAS SUPPLY & TRANSPORTATION

ABSTRACT OF NATURAL GAS CONTRACTS

AS OF

April 30, 2024

This document contains information for the use of Gas Operations' personnel only. It is important to note that this is a brief summary of the terms and conditions of PECO Gas contracts. The pipeline tariffs and contract files should be referenced for complete information.

Table of Contents

Transco Gas Supply Contract #5101..... 3
Transco Gas Supply Contract #6607..... 4
Transco Gas Supply Contract #6607..... 5
Transco Gas Supply Contract #7347..... 6
Transco Gas Supply Contract #5084..... 7
Transco Gas Supply Contract #5101..... 8
Transco Gas Supply Contract #5101..... 9
Transco Gas Supply Contract #5101..... 10
Transco Gas Supply Contract #5104..... 11
Transco Transportation FT 12
Transco Zone 6 FT Leidy East 13
Transco Firm Transportation -FT #1005000 14
Transco Firm Transportation -FT #1003693 15
Transco GSS Storage Service #100884..... 16
Transco WS Storage Service #1031819 17
Transco S-2 Storage Service #1000885..... 18
Transco REA Early In Service 19
Transco REA 20
Texas Eastern Gas Supply Contract #6607 21
Texas Eastern Gas Supply Contract #3221 22
Texas Eastern Gas Supply Contract #6607 23
Texas Eastern Gas Supply Contract #5109 24
Texas Eastern Gas Supply Contract #6607 25
Texas Eastern Gas Supply Contract #6607 26
Texas Eastern Gas Supply Contract #6607 27
Texas Eastern FT-1 (Firm Transportation Service) #800231..... 28
Texas Eastern CDS - Comprehensive Delivery Service #800407 29
Texas Eastern FTS-2 Firm Transportation #330614 30
Texas Eastern FTS-7 Firm Transportation Service #331718 31
Texas Eastern FTS-8 Firm Transportation Service #331817 32
Texas Eastern FT-1 FLEX #800503 33
Texas Eastern FT-1 #800523..... 34
Texas Eastern Transportation FT #910510 35
Texas Eastern FT-1 (Firm Transportation Service) 36
Texas Eastern SS-1 Storage Service #400120 37
Eastern Gas Transmission & Storage (EGTS) GSS Storage Service #600032..... 38
Eastern Gas Transmission & Storage Service (EGTS) #300223 39
Eastern Gas Transmission & Storage (EGTS) FT (Firm Transportation) #700116 .. 40
Eastern Shore FT1-062-0009 and FT1-062-0010..... 41
UGI XD Firm..... 42
Adelphia # FTS-PEC-0020 (Firm Transportation Service)..... 43

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #5101
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #3693
Contract Term:	1 Month
Initial Contract Date:	3/01/24
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	March
Daily Maximum:	30,000 Dth
Factor:	31 Days
Yearly Maximum:	930,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #3693
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	35,000 Dth
Factor:	152 Days
Yearly Maximum:	5,320,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #1044182
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	20,000 Dth
Factor:	152 Days
Yearly Maximum:	3,040,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #7347
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #3693
Contract Term:	5 Months
Initial Contract Date:	11/01/22
Contract Expiration Date:	3/31/23
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	40,000 Dth
Factor:	151 Days
Yearly Maximum:	6,040,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

PECO Natural Gas Contract Information
Gas Supply Contract

Name & Type of Service:	Transco Gas Supply Contract #5084
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #1044182
Contract Term:	7 Months
Initial Contract Date:	4/01/23
Contract Expiration Date:	10/31/23
Quality of Service:	Firm
Availability:	Apr - Oct
Daily Maximum:	30,200 Dth
Factor:	214 Days
Yearly Maximum:	6,462,800 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #5101
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #3693
Contract Term:	1 Month
Initial Contract Date:	1/01/24
Contract Expiration Date:	1/31/24
Quality of Service:	Firm
Availability:	January
Daily Maximum:	15,000 Dth
Factor:	31 Days
Yearly Maximum:	465,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contra Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #5101
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #3693
Contract Term:	1 Month
Initial Contract Date:	2/01/24
Contract Expiration Date:	2/29/24
Quality of Service:	Firm
Availability:	February
Daily Maximum:	12,000 Dth
Factor:	29 Days
Yearly Maximum:	348,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contra Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #5101
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #9276048
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	32,922 Dth
Factor:	Days
Yearly Maximum:	5,004,144 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contra Information
Gas Supply Contract**

Name & Type of Service:	Transco Gas Supply Contract #5104
Delivering Pipeline & Contract No.:	Transco
Associated Transportation Contract:	Transco FT Contract #9089628
Contract Term:	12 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	10/31/24
Quality of Service:	Firm
Availability:	Nov - Oct
Daily Maximum:	25,000 Dth
Factor:	366 Days
Yearly Maximum:	9,150,000 Dth
Fuel (%):	See Transco FT Service
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco Transportation FT
Delivering Pipeline & Contract No.:	Transco Contract # 9089628 - Sentinel
Associated Contract:	Transco FT
Contract Term:	20 Years
Initial Contract Date:	11/01/09
Contract Expiration Date:	10/31/29
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	25,000 Dth
Factor:	365 Days
Yearly Maximum:	9,125,000 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	11/2009

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco Zone 6 FT Leidy East
Delivering Pipeline & Contract No.:	Transco #1044182
Contract Term:	10 Years
Initial Contract Date:	6/01/01
Contract Expiration Date:	10/31/26
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	30,000 Dth
Factor:	365 days
Yearly Maximum:	10,950,000 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	10/22/17 PECO exercised its option to extend the contract for five years.

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco Firm Transportation -FT #1005000
Delivering Pipeline & Contract No.:	Transco Contract #1005000
Associated Contract:	Transco Gas Supply Contracts, WSS, (30-day supplies)
Contract Term:	15 Years
Initial Contract Date:	2/1/72
Contract Expiration Date:	7/31/27 - Evergreen is automatic renewal yearly unless termination notice is given 3 years prior to expiration date.
Quality of Service:	Firm
Availability:	Dec - Feb
Daily Maximum:	4,554 Dth (Dec-Feb)
Factor:	90 Days
Yearly Maximum:	409,860 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Operating Restrictions:	Telescoping capacity limits exist in Transco's production area.

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco Firm Transportation -FT #1003693
Delivering Pipeline & Contract No.:	Transco Contract #1003693
Associated Contract:	Transco Gas Supply Contracts, (WSS, 30-day supplies)
Contract Term:	15 Years
Initial Contract Date:	2/01/72
Contract Expiration Date:	3/31/28 – Evergreen is automatic renewal yearly unless termination notice is given 3 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	154,278 Dth
Factor:	365 Days
Yearly Maximum:	56,311,470 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Operating Restriction:	Telescoping capacity limits exist in Transco's production area.

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service:	Transco GSS Storage Service #100884	
Delivering Pipeline & Contract No.:	Transco	
Contract Term:	5 Years	
Initial Contract Date:	4/1/72	
Contract Expiration Date:	3/31/28	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	Year Round	
Daily Maximum Withdrawal:	<u>% Of Storage Inventory</u>	<u>Maximum Withdrawal Quantity</u>
	100% - 35%	54,508 Dth
	35 - 20%	53,963 Dth
	20 - 7%	40,336 Dth
	< 7%	29,980 Dth
Injection Period:	Year Round	
Daily Maximum Injection:	14,818 Dth (below 50% inventory) 12,463 Dth (above 50% inventory)	
Maximum Storage Quantity:	2,667,190 Dth	
Fuel (%):	Refer to Transco Tariff	
Nomination/Scheduling Requirements:	Refer to Transco Tariff	
Operating Restrictions:	N/A	
Most Recent Negotiation	In March 2023 PECO agreed to a 5-year contract extension.	
Other Terms & Conditions:	During the period from October 1 through April 30, excess GSS deliveries may be available if delivery can be made without adverse effect on Transco's operations.	

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service:	Transco WS Storage Service #1031819	
Delivering Pipeline & Contract No.:	Transco	
Associated Transportation Contract:	Transco FT Contract #3693	
Contract Term:	20 Years	
Initial Contract Date:	8/1/91	
Contract Expiration Date:	3/31/25	
Quality of Service:	Firm (Unbundled)	
Availability (Withdrawal):	Year Round	
Daily Maximum Withdrawal:	<u>% Of Storage Inventory</u>	<u>Maximum Withdrawal Quantity</u>
	80%	38,816 Dth
	80%	34,788 Dth
	60%	31,517 Dth
	40%	26,339 Dth
	20%	21,315 Dth
Injection Period:	Year Round	
Daily Maximum Injection:	20,466 Dth if balance < 50% full 17,231 Dth if balance > 50% full	
Maximum Storage Quantity:	3,687,492 Dth	
Fuel (%):	Refer to Transco Tariff	
Nomination/Scheduling Requirements:	Refer to Transco Tariff	
Operating Restrictions:	N/A	
Other Terms & Conditions:	N/A	

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service:	Transco S-2 Storage Service #1000885	
Delivering Pipeline & Contract No.:	Transco #1000885	
Contract Term:	20 Years	
Initial Contract Date:	12/23/53	
Contract Expiration Date:	03/31/26 - Evergreen is automatic renewal yearly unless termination notice is given 12 months prior to expiration date.	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	November 16 - April 15	
Daily Maximum Withdrawal:	<u>Withdrawal Period</u>	<u>Maximum Withdrawal Quantity</u>
	11/16-2/15	31,142 Dth
	2/17-3/31	30,559 Dth to 5,833 Dth
	4/01-4/15	5,832 Dth
	<u>Period</u>	<u>Minimum Storage Inventory</u>
	11/16-2/15	730,816 Dth
11/16-3/15	215,735 Dth	
11/16-4/15	52,369 Dth	
Injection Period:	April 16-November 15	
Daily Maximum Injection:	23,692 Dth	
Maximum Storage Quantity:	2,799,327 Dth	
Fuel (%):	Refer to Transco Tariff	
Nomination/Scheduling Requirements:	Refer to Transco Tariff	
Operating Restrictions:	N/A	

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco REA Early In Service
Delivering Pipeline & Contract No.:	Transco
Contract Term:	1 Year
Initial Contract Date:	10/01/23
Contract Expiration Date:	10/31/24
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	32,922 Dth
Factor:	365 days
Yearly Maximum:	12,016,530 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Transco REA
Delivering Pipeline & Contract No.:	Transco
Contract Term:	15 Years
Initial Contract Date:	10/1/24
Contract Expiration Date:	10/01/39
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	100,000 Dth
Factor:	365 days
Yearly Maximum:	36,500,000 Dth
Fuel (%):	Refer to Transco Tariff
Nomination/Scheduling Requirements:	Refer to Transco Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission FT-1 #800231 Texas Eastern Transmission CDS #800407 Texas Eastern Transmission FT #910510
Contract Term:	7 Months
Initial Contract Date:	4/01/23
Contract Expiration Date:	10/31/23
Quality of Service:	Firm
Availability:	Apr - Oct
Daily Maximum:	30,000 Dth
Factor:	214 Days
Yearly Maximum:	6,420,000 Dth
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #3221
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract:	Texas Eastern Transmission FTS-2 #330614
Contract Term:	7 Months
Initial Contract Date:	4/01/23
Contract Expiration Date:	10/31/23
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	13,686 Dth (Apr - Oct)
Factor:	214 Days
Yearly Maximum:	2,928,804 Dth (Apr – Oct)
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission PECO Gate
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	42,600 Dth (Nov-Mar)
Factor:	152 Days
Yearly Maximum:	6,475,200 Dth (Nov-Mar)
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	Zero
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #5109
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission PECO Gate
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	35,000
Factor:	152 Days
Yearly Maximum:	5,320,000 Dth
Fuel (%):	See Texas Eastern FT Service
Minimum Take Level:	Monthly-Nominated Volume
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract:	Texas Eastern FTS-2-#330614
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	13,486 Dth
Factor:	152 Days
Yearly Maximum:	2,049,872 Dth
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	Monthly-Nominated Volume
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission #1044182
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	10,000 Dth
Factor:	152 Days
Yearly Maximum:	1,520,000 Dth
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Gas Supply Contract**

Name & Type of Service:	Texas Eastern Gas Supply Contract #6607
Delivering Pipeline & Contract No.:	Texas Eastern
Associated Transportation Contract(s):	Texas Eastern Transmission #800503
Contract Term:	5 Months
Initial Contract Date:	11/01/23
Contract Expiration Date:	3/31/24
Quality of Service:	Firm
Availability:	Nov - Mar
Daily Maximum:	29,210 Dth
Factor:	152 Days
Yearly Maximum:	4,439,920 Dth
Fuel (%):	Refer to TETCO Tariff
Minimum Take Level:	N/A
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 (Firm Transportation Service) #800231
Delivering Pipeline & Contract No.:	Texas Eastern #800231
Associated Contract:	Texas Eastern Gas Supply Contracts
Contract Term:	21 Years
Initial Contract Date:	6/1/93
Contract Expiration Date:	10/31/26 - Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	35,000 Dth
Factor:	365 Days
Yearly Maximum:	12,775,000 Dth
Fuel (%):	Refer to TETCO Tariff
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service: **Texas Eastern CDS - Comprehensive Delivery Service #800407**

Delivering Pipeline & Contract No.: Texas Eastern #800407

Associated Contract: Texas Eastern Gas Supply Contracts

Contract Term: 6 Years

Initial Contract Date: 6/1/93

Contract Expiration Date: 10/31/26 - Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to the expiration date.

Quality of Service: Firm

Availability: Year Round

Daily Maximum: 49,286 Dth

Factor: 365 Days

Yearly Maximum: 17,989,390 Dth

Fuel (%): Refer to TETCO Tariff

Nomination/Scheduling Requirements: Refer to TETCO Tariff

Operating Restrictions: Scheduling of gas in the access area should not exceed the Operational Segment Capacity Entitlements.

Other Terms & Conditions: CDS is a “no-notice” service, which enables PECO to: 1) Increase or decrease deliveries out of Texas Eastern’s system without matching changes to receipts into Texas Eastern for up to two business days; and 2) Schedule pre-injection into Texas Eastern’s system without matching changes to deliveries out of Texas Eastern for up to two business days. PECO must notify Texas Eastern with a LINK nomination of its intention to take the above steps. Within two business days of the commencement of “no-notice” service, scheduled receipts and scheduled deliveries must be made equal and an imbalance correction must be scheduled.

**PECO Energy Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-2 Firm Transportation #330614
Delivering Pipeline & Contract No.:	Texas Eastern #330614
Associated Contract:	N/A
Contract Term:	10 Years
Initial Contract Date:	6/1/93
Contract Expiration Date:	3/31/26 - Evergreen is automatic renewal yearly unless termination notice is given 1 year prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	13,486 Dth
Factor:	365 Days
Yearly Maximum:	4,922,390 Dth
Fuel (%):	None
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Operating Restrictions:	N/A
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-7 Firm Transportation Service #331718
Delivering Pipeline & Contract No.:	Texas Eastern #331718
Associated Contract:	Dominion GSS (delivery of storage withdrawals)
Contract Term:	21 Years
Initial Contract Date:	11/1/94
Contract Expiration Date:	4/15/27 - Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	24,170 Dth
Factor:	365 Days
Yearly Maximum:	8,822,050 Dth
Fuel (%):	2% Reduction
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Operating Restrictions:	N/A
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FTS-8 Firm Transportation Service #331817
Delivering Pipeline & Contract No.:	Texas Eastern #331817
Associated Contract:	Dominion GSS (delivery of storage withdrawals)
Contract Term:	21 Years
Initial Contract Date:	11/1/94
Contract Expiration Date:	4/15/27 - Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	9,850 Dth
Factor:	365 Days
Yearly Maximum:	3,595,250 Dth
Fuel (%):	1.5% Reduction
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Operating Restrictions:	N/A
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 FLEX #800503
Delivering Pipeline & Contract No.:	Texas Eastern #800503
Associated Contract:	N/A
Contract Term:	20 Years
Initial Contract Date:	11/1/95
Contract Expiration Date:	10/31/29 - Evergreen is automatic renewal yearly unless termination notice is given 5 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	29,210 Dth
Factor:	365 Days
Yearly Maximum:	10,661,650 Dth
Fuel (%):	None
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 #800523
Delivering Pipeline & Contract No.:	Texas Eastern #800523
Contract Term:	20 Years
Initial Contract Date:	11/1/97
Contract Expiration Date:	10/31/29 - Evergreen is automatic renewal yearly unless termination notice is given 5 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	120,000 Dth
Factor:	365
Yearly Maximum:	43,800,000 Dth
Fuel (%):	Refer to TETCO Tariff
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	N/A

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern Transportation FT #910510
Delivering Pipeline & Contract No.:	Texas Eastern Contract #910510
Associated Contract:	TETCO FT
Contract Term:	10 Years
Initial Contract Date:	11/1/04
Contract Expiration Date:	10/31/25 - Evergreen is automatic renewal yearly unless termination notice is given 1 year prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	35,000 Dth
Factor:	365 Days
Yearly Maximum:	12,775,000 Dth
Fuel (%):	Refer to TETCO Tariff
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	11/2004

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Texas Eastern FT-1 (Firm Transportation Service)
Delivering Pipeline & Contract No.:	Texas Eastern #911740
Associated Contract:	EGT FT #700116
Contract Term:	2 Years
Initial Contract Date:	5/1/2020
Contract Expiration Date:	03/31/27 - Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	14,000 Dth
Factor:	365 Days
Yearly Maximum:	5,110,000
Fuel (%):	Refer to TETCO Tariff
Nomination/Scheduling Requirements:	Refer to TETCO Tariff
Most Recent Negotiation:	04/2020
Other Terms & Conditions:	Note: contract transports GSS (B) storage withdrawals from interconnect with EGT FT at Chambersburg PA to PECO CG.

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service:	Texas Eastern SS-1 Storage Service #400120	
Delivering Pipeline & Contract No.:	Texas Eastern #400120	
Contract Term:	7 Years	
Initial Contract Date:	6/1/93 – Re-negotiated 5/27/98	
Contract Expiration Date:	4/30/27 – evergreen is automatic renewal yearly unless written termination notice is given 2 years prior to expiration date.	
Quality of Service:	Firm (Bundled)	
Availability (Withdrawal):	Year Round	
Daily Maximum Withdrawal:	<u>% of Storage Inventory</u>	<u>Maximum Withdrawal Quantity</u>
	>30%	78,114 Dth
	< 30%	57,760 Dth
	< 20%	43,038 Dth
	<10%	9,327 Dth
Injection Period:	Year Round	
Daily Maximum Injection:	28,333 Dth	
Maximum Storage Quantity:	5,512,157 Dth	
Fuel (%):	Refer to TETCO Tariff	
Nomination/Scheduling Requirements:	Refer to TETCO Tariff	
Operating Restrictions:	N/A	
Other Terms & Conditions:	<p>This is a no-notice service which may be designated to “take the swing” on any days when measured delivered quantities are greater than or less than the scheduled quantities. Excess withdrawals from SS-1 may be available on an interruptible basis if delivery can be accomplished without detriment to pipeline’s ability to meet its firm obligations to other customers. Excess injections into SS-1 may be available on an interruptible basis under the same conditions for excess withdrawals.</p>	

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service: **Eastern Gas Transmission & Storage (EGTS)
GSS Storage Service #600032**

Delivering Pipeline & Contract No.: Texas Eastern

Associated Contract: Texas Eastern FTS-7 Contract #331718
Texas Eastern FTS-8 Contract #331817

Contract Term: 15 Years

Initial Contract Date: 10/1/93

Contract Expiration Date: 3/31/27 – Evergreen (2 Years notice)

Quality of Service: Firm (Unbundled)

Availability (Withdrawal): Year Round

Daily Maximum Withdrawal:	34,020 Dth	
	<u>Inventory %</u>	<u>W/D Rate</u>
	>35%	34,020 Dth
	<35%	31,302 Dth
	<16 %	23,818 Dth
	<10%	21,436 Dth

Injection Period: Year Round

Daily Maximum Injection: 18,478 Dth

Maximum Storage Quantity: 3,326,029 Dth

Fuel (%): Refer to EGT Tariff

Nomination/Scheduling Requirements: Refer to EGT Tariff

Operating Restrictions: N/A
Other Terms Conditions: EGT GSS storage withdrawals are transported on two Texas Eastern contracts as follows:
24,170 Dth can be transported on FTS-7 Contract #331718
9,850 Dth can be transported on FTS-8 Contract #331817

**PECO Natural Gas Contract Information
Underground Storage Contract**

Name & Type of Service: **Eastern Gas Transmission & Storage Service (EGTS) #300223**

Delivering Pipeline & Contract No.: Texas Eastern

Associated Contract: EGT FT #700116
Texas Eastern FT #911740

Contract Term: 5 Years

Initial Contract Date: 05/1/2020

Contract Expiration Date: 3/31/27 – Evergreen is automatic renewal yearly unless termination notice is given 2 years prior to expiration date.

Quality of Service: Firm (Unbundled)

Availability (Withdrawal): Year Round

Daily Maximum Withdrawal: 34,020 Dth

<u>Inventory %</u>	<u>W/D Rate</u>
>35%	14,000 Dth
<35%	12,880 Dth
<16 %	9,800 Dth
<10%	8,812 Dth

Injection Period: Year Round

Daily Maximum Injection: 7,778 Dth

Maximum Storage Quantity: 1,400,000 Dth

Fuel (%): Refer to EGT Tariff

Nomination/Scheduling Requirements: Refer to EGT Tariff

Most Recent Negotiation: 09/2021

Other Terms Conditions: Note: GSS (B) storage withdrawals are transported from storage to Chambersburg PA interconnect with Texas Eastern via EGT FT and from Chambersburg PA to PECO CG via Texas Eastern FT.

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Eastern Gas Transmission & Storage (EGTS) FT (Firm Transportation) #700116
Delivering Pipeline & Contract No.:	Texas Eastern #911740
Associated Contract:	EGT GSS (B) #300223 TETCO FT #911740
Contract Term:	5 Years
Initial Contract Date:	5/1/2020
Contract Expiration Date:	3/31/2027 - Evergreen is automatic renewal yearly unless termination notice is given 1 year prior to expiration date.
Quality of Service:	Firm
Availability:	Nov-Mar
Daily Maximum:	14,000 Dth
Factor:	151 Days
Yearly Maximum:	2,128,000
Fuel (%):	Refer to EGT Tariff
Nomination/Scheduling Requirements:	Refer to EGT Tariff
Most Recent Negotiation	01//1/2022
Other Terms & Conditions:	Note: contract transports GSS (B) storage withdrawals from interconnect with EGT FT at TETCO Chambersburg PA to PECO CG.

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Eastern Shore FT1-062-0009 and FT1-062-0010
Delivering Pipeline & Contract No.:	Eastern Shore #FT1-010044 Eastern Shore #FT1-010051
Contract Term:	5 Years
Initial Contract Date:	11/01/01
Contract Expiration Date:	Contract - #010044– 10/31/26 – 8-month notice period. Contract - #010051 – 10/31/25 – 8 month notice period.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	10,000 Dth
Factor:	365 Days
Yearly Maximum:	4,380,000 Dth
Fuel (%):	Refer to Eastern Shore Tariff
Nomination/Scheduling Requirements:	Refer to Eastern Shore Tariff
Other Terms & Conditions:	N/A
Most Recent Negotiation:	April 2020- Reduced contract #010051 to 2000 Dth/d, and extended contract expiration date to 10/31/25.

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	UGI XD Firm
Delivering Pipeline & Contract No.:	TETCO
Associated Contract:	UGI XD
Contract Term:	10 Years
Initial Contract Date:	12/01/02
Contract Expiration Date:	12/01/25 - Evergreen is automatic renewal yearly unless termination notice is given 1 year prior expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	3,360 Dth
Factor:	365 Days
Yearly Maximum:	1,226,400 Dth
Fuel (%):	Refer to UGI Tariff
Nomination/Scheduling Requirements:	Refer to UGI Tariff
Other Terms & Conditions:	N/A
Operating Restrictions:	Commodity received from TETCO for redelivery on PECO's system.
Most Recent Negotiation:	12/2002

**PECO Natural Gas Contract Information
Transportation Contract**

Name & Type of Service:	Adelphia # FTS-PEC-0020 (Firm Transportation Service)
Delivering Pipeline & Contract No.:	Adelphia
Associated Contract:	N/A
Contract Term:	10 Years
Initial Contract Date:	10/09/2020
Contract Expiration Date:	10/01/2030 - Evergreen is automatic renewal yearly unless termination notice is given 1 year prior to expiration date.
Quality of Service:	Firm
Availability:	Year Round
Daily Maximum:	22,500 Dth
Factor:	365 Days
Yearly Maximum:	8,212,500
Fuel (%):	Refer to Adelphia Tariff
Nomination/Scheduling Requirements:	Refer to Adelphia Tariff
Other Terms & Conditions:	N/A

**Section 4 PECO Energy
Firm Long-Term Purchases
Apr-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
Shell (Coral 5084A) LEIDY		Term Purchase	906,000	1.595	1-Apr-23	30-Apr-23	43203
	3221 Crayne/Equitable	Term Purchase	404,580	1.6	1-Apr-23	30-Apr-23	43202
	6607 M2-30 inch	Term Purchase	900,000	1.5575	1-Apr-23	30-Apr-23	43204
	6607 WSS-PECO LOW BURN INJECTION	Term Purchase	10,435	2.0749	1-Apr-23	1-Apr-23	43205
	6607 S85-FT-PECO	Term Purchase	10,435	1.99	2-Apr-23	2-Apr-23	43213
	6607 WSS-PECO LOW BURN INJECTION	Term Purchase	41,740	2.0749	3-Apr-23	6-Apr-23	43210
	6607 S85-FT-PECO	Term Purchase	41,740	2.115	7-Apr-23	10-Apr-23	43214
	6607 WSS-PECO LOW BURN INJECTION	Term Purchase	73,045	2.0749	11-Apr-23	17-Apr-23	43211
	6607 S85-FT-PECO	Term Purchase	10,435	2.175	18-Apr-23	18-Apr-23	43215
	6607 WSS-PECO LOW BURN INJECTION	Term Purchase	52,175	2.0749	19-Apr-23	23-Apr-23	43212
	6607 S85-FT-PECO	Term Purchase	10,435	2.135	24-Apr-23	24-Apr-23	43218
	6607 S85-FT-PECO	Term Purchase	10,435	2.25	25-Apr-23	25-Apr-23	43219
	6607 S85-FT-PECO	Term Purchase	10,435	2.22	26-Apr-23	26-Apr-23	43220
	6607 S85-FT-PECO	Term Purchase	10,435	2.175	27-Apr-23	27-Apr-23	43221
	6607 S85-FT-PECO	Term Purchase	31,305	2.18	28-Apr-23	30-Apr-23	43227

**Section 4 PECO Energy
Spot Purchases
Apr-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
	6607 M2-30 inch	Spot Purchase	20,000	2.25	2-Apr-23	2-Apr-23	43206
	6607 M2-30 inch	Spot Purchase	25,458	1.585	18-Apr-23	18-Apr-23	43208
	5084 M2-30 inch	Spot Purchase	20,000	1.695	19-Apr-23	19-Apr-23	43209
	6607 PECO TRANSCO City Gate	Spot Purchase	25,000	2.055	25-Apr-23	25-Apr-23	43225
	6607 M2-30 inch	Spot Purchase	25,458	1.885	25-Apr-23	25-Apr-23	43226

**Section 4 PECO Energy
Firm Long-Term Purchases
May-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5084 LEIDY		Term Purchase	936,200	1.565	1-May-23	31-May-23	43228
3221 Crayne/Equitable		Term Purchase	418,066	1.5	1-May-23	31-May-23	43229
6607 M2-30 inch		Term Purchase	930,000	1.4575	1-May-23	31-May-23	43230
6607 WSS-PECO LOW BURN INJECTION		Term Purchase	10,931	2.2253	1-May-23	1-May-23	43244
6607 S85-FT-PECO		Term Purchase	21,862	2.2253	2-May-23	3-May-23	43246
6607 WSS-PECO LOW BURN INJECTION		Term Purchase	306,068	2.2253	4-May-23	31-May-23	43245

**Section 4 PECO Energy
Spot Purchases
May-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5101 PECO TRANSCO City Gate		Spot Purchase	20,000	1.91	1-May-23	1-May-23	43232
5006 M2-30 inch		Spot Purchase	25,695	1.7	1-May-23	1-May-23	43231
6607 PECO TRANSCO City Gate		Spot Purchase	20,000	1.93	1-May-23	1-May-23	43233
5101 M2-30 inch		Spot Purchase	25,695	1.95	2-May-23	2-May-23	43234
5101 PECO TRANSCO City Gate		Spot Purchase	20,000	2.16	2-May-23	2-May-23	43235
5101 PECO TETCO CITY GATE		Spot Purchase	30,000	2.1075	2-May-23	2-May-23	43236
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	20,000	2.145	2-May-23	2-May-23	43237
5101 M2-30 inch		Spot Purchase	25,695	1.6975	3-May-23	3-May-23	43239
5101 PECO TETCO CITY GATE		Spot Purchase	30,000	1.84	3-May-23	3-May-23	43240
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	40,000	1.875	3-May-23	3-May-23	43238
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	40,000	1.735	4-May-23	4-May-23	43242
5006 M2-30 inch		Spot Purchase	20,195	1.58	4-May-23	4-May-23	43243
5006 PECO TETCO CITY GATE		Spot Purchase	30,000	1.695	4-May-23	4-May-23	43247
4365 M2-30 inch		Spot Purchase	5,000	1.58	4-May-23	4-May-23	43241
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	40,000	1.66	5-May-23	5-May-23	43249
5006 M2-30 inch		Spot Purchase	20,195	1.5125	5-May-23	5-May-23	43250
5006 PECO TETCO CITY GATE		Spot Purchase	19,000	1.62	5-May-23	5-May-23	43251
4365 M2-30 inch		Spot Purchase	5,000	1.52	5-May-23	5-May-23	43248
6607 M2-30 inch		Spot Purchase	60,000	1.36	6-May-23	8-May-23	43252
5101 PECO TETCO CITY GATE		Spot Purchase	5,000	1.45	9-May-23	9-May-23	43256
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	40,000	1.43	9-May-23	9-May-23	43253
5006 M2-30 inch		Spot Purchase	20,195	1.3875	9-May-23	9-May-23	43255
4365 M2-30 inch		Spot Purchase	5,000	1.39	9-May-23	9-May-23	43254
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	12,000	1.365	10-May-23	10-May-23	43276
5006 PECO TETCO CITY GATE		Spot Purchase	11,000	1.32	10-May-23	10-May-23	43257
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	35,000	1.54	17-May-23	17-May-23	43261
5006 M2-30 inch		Spot Purchase	20,195	1.41	17-May-23	17-May-23	43260
4365 M2-30 inch		Spot Purchase	5,000	1.415	17-May-23	17-May-23	43259
5101 PECO TRANSCO City Gate		Spot Purchase	18,000	1.545	18-May-23	18-May-23	43264
5006 M2-30 inch		Spot Purchase	20,640	1.3475	18-May-23	18-May-23	43263
4365 M2-30 inch		Spot Sale	5,000	1.35	18-May-23	18-May-23	43267
5006 M2-30 inch		Spot Purchase	10,000	1.2575	19-May-23	19-May-23	43266
4365 M2-30 inch		Spot Purchase	5,000	1.265	19-May-23	19-May-23	43265
DTE 5098 M2-30 inch		Spot Purchase	10,000	1.315	20-May-23	20-May-23	43269
DTE 5098 M2-30 inch		Spot Purchase	10,000	1.315	21-May-23	21-May-23	43270
DTE 5098 M2-30 inch		Spot Purchase	10,000	1.315	22-May-23	22-May-23	43275
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	10,000	1.595	24-May-23	24-May-23	43272
6607 PECO TRANSCO City Gate		Spot Purchase	15,000	1.52	25-May-23	25-May-23	43273
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	8,000	1.42	26-May-23	26-May-23	43274

**Section 4 PECO Energy
Firm Long-Term Purchases
Jun-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
Shell (Coral 5084A) LEIDY		Term Purchase	906,000	1.245	1-Jun-23	30-Jun-23	43283
	3221 Crayne/Equitable	Term Purchase	404,580	1.15	1-Jun-23	30-Jun-23	43282
	6607 M2-30 inch	Term Purchase	750,000	1.1075	1-Jun-23	30-Jun-23	43284
	6607 WSS-PECO LOW BURN INJECTION	Term Purchase	331,740	2.3356	1-Jun-23	30-Jun-23	43285

**Section 4 PECO Energy
Spot Purchases
Jun-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
	5006 M2-30 inch	Spot Purchase	5,000	1.36	1-Jun-23	1-Jun-23	43277
DTE 5098	M2-30 inch	Spot Purchase	4,000	1.3075	2-Jun-23	2-Jun-23	43278
	5101 M2-30 inch	Spot Purchase	30,063	1.235	3-Jun-23	5-Jun-23	43279
	5006 M2-30 inch	Spot Purchase	10,097	1.3975	6-Jun-23	6-Jun-23	43280
	5006 M2-30 inch	Spot Purchase	10,097	1.325	7-Jun-23	7-Jun-23	43281
	5101 M2-30 inch	Spot Purchase	8,350	1.385	8-Jun-23	8-Jun-23	43286
	5006 M2-30 inch	Spot Purchase	10,097	1.305	9-Jun-23	9-Jun-23	43287
	6607 M2-30 inch	Spot Purchase	15,000	1.11	10-Jun-23	12-Jun-23	43288
	6607 M2-30 inch	Spot Purchase	10,000	1.335	13-Jun-23	13-Jun-23	43289
	6607 PECO TRANSCO City Gate	Spot Purchase	5,000	1.46	14-Jun-23	14-Jun-23	43290
	6607 M2-30 inch	Spot Purchase	10,000	1.2875	14-Jun-23	14-Jun-23	43291
	6607 PECO TRANSCO City Gate	Spot Purchase	5,000	1.415	15-Jun-23	15-Jun-23	43292
	6607 M2-30 inch	Spot Purchase	10,000	1.275	15-Jun-23	15-Jun-23	43293
	5101 PECO TRANSCO City Gate	Spot Purchase	5,000	1.3325	16-Jun-23	16-Jun-23	43295
	5006 M2-30 inch	Spot Purchase	10,000	1.27	16-Jun-23	16-Jun-23	43296
DTE 5098	M2-30 inch	Spot Purchase	40,000	1.265	17-Jun-23	20-Jun-23	43297
	5006 M2-30 inch	Spot Purchase	10,000	1.2025	21-Jun-23	21-Jun-23	43301
	6607 PECO TRANSCO City Gate	Spot Purchase	5,000	1.33	21-Jun-23	21-Jun-23	43300
DTE 5098	M2-30 inch	Spot Purchase	10,000	1.21	22-Jun-23	22-Jun-23	43302
	5101 M2-30 inch	Spot Purchase	5,000	1.02	23-Jun-23	23-Jun-23	43303
	6607 M2-30 inch	Spot Purchase	15,000	1.025	24-Jun-23	26-Jun-23	43304
	5006 M2-30 inch	Spot Purchase	6,000	1.47	27-Jun-23	27-Jun-23	43305
	5006 M2-30 inch	Spot Purchase	7,000	1.405	28-Jun-23	28-Jun-23	43306
DTE 5098	M2-30 inch	Spot Purchase	5,000	1.39	29-Jun-23	29-Jun-23	43307
	6607 M2-30 inch	Spot Purchase	4,000	1.44	30-Jun-23	30-Jun-23	43308

**Section 4 PECO Energy
Firm Long-Term Purchases
Jul-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5084 LEIDY		Term Purchase	936,200	1.245	1-Jul-23	31-Jul-23	43309
3221 Crayne/Equitable		Term Purchase	418,066	1.19	1-Jul-23	31-Jul-23	43311
6607 M2-30 inch		Term Purchase	930,000	1.1475	1-Jul-23	31-Jul-23	43314
6607 WSS-PECO	LOW BURN INJECTION	Term Purchase	342,798	2.917	1-Jul-23	31-Jul-23	43316

**Section 4 PECO Energy
Spot Purchases
Jul-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
-----------------	-----------------------	-----------------	-------------	-----------------	-------------------	-----------------	--------------

**Section 4 PECO Energy
Firm Long-Term Purchases
Aug-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5084	LEIDY	Term Purchase	899,000	1.055	1-Aug-23	31-Aug-23	43317
3221	Crayne/Equitable	Term Purchase	418,066	1.06	1-Aug-23	31-Aug-23	43318
6607	M2-30 inch	Term Purchase	620,000	1.0175	1-Aug-23	31-Aug-23	43319
6607	WSS-PECO LOW BURN INJECTION	Term Purchase	342,798	2.7867	1-Aug-23	31-Aug-23	43320

**Section 4 PECO Energy
Spot Purchases
Aug-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	M2-30 inch	Spot Purchase	5,000	1.2375	30-Aug-23	30-Aug-23	43321
5101	M2-30 inch	Spot Purchase	12,000	1.2575	31-Aug-23	31-Aug-23	43322

**Section 4 PECO Energy
Firm Long-Term Purchases
Sep-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5084	LEIDY	Term Purchase	855,000	0.955	1-Sep-23	30-Sep-23	43345
3221	Crayne/Equitable	Term Purchase	404,580	0.97	1-Sep-23	30-Sep-23	43331
6607	M2-30 inch	Term Purchase	645,000	0.9275	1-Sep-23	30-Sep-23	43346
6607	WSS-PECO LOW BURN INJECTION	Term Purchase	331,740	2.8268	1-Sep-23	30-Sep-23	43347

**Section 4 PECO Energy
Spot Purchases
Sep-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	M2-30 inch	Spot Purchase	20,000	1.67	2-Sep-23	5-Sep-23	43323
5101	M2-30 inch	Spot Purchase	5,000	1.6525	8-Sep-23	8-Sep-23	43324
5101	M2-30 inch	Spot Purchase	16,500	1.45	9-Sep-23	11-Sep-23	43325
5006	M2-30 inch	Spot Purchase	5,000	1.59	12-Sep-23	12-Sep-23	43326
DTE 5098	M2-30 inch	Spot Purchase	9,000	1.675	13-Sep-23	13-Sep-23	43327
5101	M2-30 inch	Spot Purchase	12,232	1.5075	14-Sep-23	14-Sep-23	43328
5101	M2-30 inch	Spot Purchase	10,691	1.49	15-Sep-23	15-Sep-23	43329
DTE 5098	M2-30 inch	Spot Purchase	18,900	1.04	16-Sep-23	18-Sep-23	43330
5101	M2-30 inch	Spot Purchase	12,000	1.115	19-Sep-23	19-Sep-23	43332
5101	PECO TRANSCO City Gate	Spot Purchase	3,000	1.1625	20-Sep-23	20-Sep-23	43334
5006	M2-30 inch	Spot Purchase	12,232	1.135	20-Sep-23	20-Sep-23	43333
5006	M2-30 inch	Spot Purchase	12,232	1.0025	21-Sep-23	21-Sep-23	43335
6607	PECO TRANSCO City Gate	Spot Purchase	3,000	1.165	21-Sep-23	21-Sep-23	43336
6607	M2-30 inch	Spot Purchase	12,232	0.915	22-Sep-23	22-Sep-23	43337
5101	M2-30 inch	Spot Purchase	36,696	0.76	23-Sep-23	25-Sep-23	43338
DTE 5098	PECO TRANSCO City Gate	Spot Purchase	48,000	0.74	23-Sep-23	25-Sep-23	43339
5101	PECO TRANSCO City Gate	Spot Purchase	26,000	1.3225	26-Sep-23	26-Sep-23	43342
5006	M2-30 inch	Spot Purchase	12,232	1.215	26-Sep-23	26-Sep-23	43340
5006	PECO TETCO CITY GATE	Spot Purchase	14,000	1.355	26-Sep-23	26-Sep-23	43341
5101	M2-30 inch	Spot Purchase	12,232	1.29	27-Sep-23	27-Sep-23	43344
DTE 5098	PECO TRANSCO City Gate	Spot Purchase	22,000	1.35	27-Sep-23	27-Sep-23	43343
5101	PECO TRANSCO City Gate	Spot Purchase	9,000	1.295	28-Sep-23	28-Sep-23	43348
DTE 5098	M2-30 inch	Spot Purchase	12,232	1.25	28-Sep-23	28-Sep-23	43349
5101	M2-30 inch	Spot Purchase	24,464	0.775	29-Sep-23	30-Sep-23	43351
DTE 5098	PECO TRANSCO City Gate	Spot Purchase	31,000	0.735	29-Sep-23	30-Sep-23	43350

**Section 4 PECO Energy
Firm Long-Term Purchases
Oct-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5084 LEIDY		Term Purchase	25,541	1.395	1-Oct-23	1-Oct-23	43371
3221 Crayne/Equitable		Term Purchase	418,066	1.26	1-Oct-23	31-Oct-23	43352
6607 M2-30 inch		Term Purchase	930,000	1.2175	1-Oct-23	31-Oct-23	43358
6607 WSS-PECO LOW BURN INJECTION		Term Purchase	162,225	2.917	1-Oct-23	15-Oct-23	43359
5084 LEIDY		Term Purchase	906,000	1.395	2-Oct-23	31-Oct-23	43353
6607 S85-FT-PECO		Term Purchase	75,705	2.87	16-Oct-23	22-Oct-23	43364
6607 WSS-PECO LOW BURN INJECTION		Term Purchase	97,335	2.917	23-Oct-23	31-Oct-23	43362

**Section 4 PECO Energy
Spot Purchases
Oct-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5101 M2-30 inch		Spot Purchase	70,920	0.8725	7-Oct-23	9-Oct-23	43355
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	60,000	0.965	7-Oct-23	9-Oct-23	43354
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	8,000	1.28	10-Oct-23	10-Oct-23	43356
5006 M2-30 inch		Spot Purchase	23,640	1.205	10-Oct-23	10-Oct-23	43357
5101 M2-30 inch		Spot Purchase	23,640	1.2025	11-Oct-23	11-Oct-23	43360
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	8,000	1.295	11-Oct-23	11-Oct-23	43361
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	15,000	1.2	13-Oct-23	13-Oct-23	43365
DTE 5098 M2-30 inch		Spot Purchase	23,640	1.0675	13-Oct-23	13-Oct-23	43366
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	81,000	1.09	14-Oct-23	16-Oct-23	43367
6607 M2-30 inch		Spot Purchase	70,920	0.795	14-Oct-23	16-Oct-23	43370
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	4,000	1.42	17-Oct-23	17-Oct-23	43368
DTE 5098 M2-30 inch		Spot Purchase	23,640	1.23	17-Oct-23	17-Oct-23	43369
5006 M2-30 inch		Spot Purchase	23,640	1.31	18-Oct-23	18-Oct-23	43372
5101 M2-30 inch		Spot Purchase	70,920	1.285	21-Oct-23	23-Oct-23	43374
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	69,000	1.49	21-Oct-23	23-Oct-23	43373
5101 Chapin B		Spot Purchase	10,000	1.57	24-Oct-23	24-Oct-23	43377
5006 PECO TETCO CITY GATE		Spot Purchase	15,000	3.135	24-Oct-23	24-Oct-23	43376
6607 M2-30 inch		Spot Purchase	23,640	1.4375	24-Oct-23	24-Oct-23	43375
DTE 5098 PECO TRANSCO City Gate		Spot Purchase	40,000	2.55	31-Oct-23	31-Oct-23	43378
5006 M2-30 inch		Spot Purchase	23,640	2.2025	31-Oct-23	31-Oct-23	43379
6607 PECO TETCO CITY GATE		Spot Purchase	55,000	2.445	31-Oct-23	31-Oct-23	43380

**Section 4 PECO Energy
Firm Long-Term Purchases
Nov-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	PECO TETCO CITY GATE	Term Purchase	180,000	5.725	1-Nov-23	30-Nov-23	43391
5006	PECO TETCO CITY GATE	Term Purchase	180,000	8.625	1-Nov-23	30-Nov-23	43392
5006	PECO TETCO CITY GATE	Term Purchase	180,000	5.35	1-Nov-23	30-Nov-23	43393
5006	PECO TRANSCO City Gate	Term Purchase	180,000	6.035	1-Nov-23	30-Nov-23	43400
6607	Crayne/Equitable	Term Purchase	404,580	1.835	1-Nov-23	30-Nov-23	43394
6607	S85-FT-PECO	Term Purchase	531,540	3.26	1-Nov-23	30-Nov-23	43395
6607	M2-30 inch	Term Purchase	330,000	1.75	1-Nov-23	30-Nov-23	43397
8349	PECO TRANSCO City Gate	Term Purchase	180,000	7.875	1-Nov-23	30-Nov-23	43398
3220	PECO TRANSCO City Gate	Term Purchase	180,000	4.58	1-Nov-23	30-Nov-23	43399
6607	Eastern Shore Transco Interconnect	Term Purchase	25,200	1.9933	1-Nov-23	9-Nov-23	43401
6607	PECO TRANSCO City Gate	Term Purchase	154,800	1.9933	1-Nov-23	9-Nov-23	43404
6607	Eastern Shore Transco Interconnect	Term Purchase	24,500	1.9933	10-Nov-23	16-Nov-23	43402
6607	PECO TRANSCO City Gate	Term Purchase	115,500	1.9933	10-Nov-23	16-Nov-23	43405
6607	PECO TRANSCO City Gate	Term Purchase	20,000	1.9933	17-Nov-23	17-Nov-23	43396
6607	Eastern Shore Transco Interconnect	Term Purchase	45,500	1.9933	18-Nov-23	30-Nov-23	43403
6607	PECO TRANSCO City Gate	Term Purchase	214,500	1.9933	18-Nov-23	30-Nov-23	43406

**Section 4 PECO Energy
Spot Purchases
Nov-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3365	1-Nov-23	1-Nov-23	43388
5006	M2-30 inch	Spot Purchase	13,121	2.1625	1-Nov-23	1-Nov-23	43381
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3408	1-Nov-23	1-Nov-23	43382
6607	M2-30 inch	Call Option	31,600	2.13	1-Nov-23	1-Nov-23	43384
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1364	1-Nov-23	1-Nov-23	43386
5109	PECO TETCO CITY GATE	Call Option	35,000	2.2608	1-Nov-23	1-Nov-23	43389
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9731	2-Nov-23	2-Nov-23	43383
6607	M2-30 inch	Call Option	31,600	1.92	2-Nov-23	2-Nov-23	43385
6607	PECO TETCO CITY GATE	Call Option	29,210	1.9264	2-Nov-23	2-Nov-23	43387
6607	PECO TETCO CITY GATE	Call Option	29,210	1.4914	8-Nov-23	8-Nov-23	43390
5101	PECO TRANSCO City Gate	Call Option	32,922	1.7724	10-Nov-23	10-Nov-23	43455
6607	PECO TRANSCO City Gate	Call Option	10,000	1.7767	10-Nov-23	10-Nov-23	43410
6607	PECO TETCO CITY GATE	Call Option	29,210	1.7464	10-Nov-23	10-Nov-23	43424
6607	M2-30 inch	Call Option	31,600	1.74	10-Nov-23	10-Nov-23	43466
5109	PECO TETCO CITY GATE	Call Option	35,000	1.8678	10-Nov-23	10-Nov-23	43440
5101	PECO TRANSCO City Gate	Call Option	32,922	1.7724	11-Nov-23	11-Nov-23	43456
6607	PECO TRANSCO City Gate	Call Option	10,000	1.7767	11-Nov-23	11-Nov-23	43411
6607	PECO TETCO CITY GATE	Call Option	29,210	1.7464	11-Nov-23	11-Nov-23	43425
6607	M2-30 inch	Call Option	31,600	1.74	11-Nov-23	11-Nov-23	43467
5109	PECO TETCO CITY GATE	Call Option	35,000	1.8678	11-Nov-23	11-Nov-23	43441
5101	PECO TRANSCO City Gate	Call Option	32,922	1.7724	12-Nov-23	12-Nov-23	43457
6607	PECO TRANSCO City Gate	Call Option	10,000	1.7767	12-Nov-23	12-Nov-23	43412
6607	PECO TETCO CITY GATE	Call Option	29,210	1.7464	12-Nov-23	12-Nov-23	43426
6607	M2-30 inch	Call Option	31,600	1.74	12-Nov-23	12-Nov-23	43497
5109	PECO TETCO CITY GATE	Call Option	35,000	1.8678	12-Nov-23	12-Nov-23	43442
5101	PECO TRANSCO City Gate	Call Option	32,922	1.7724	13-Nov-23	13-Nov-23	43458
6607	PECO TRANSCO City Gate	Call Option	10,000	1.7767	13-Nov-23	13-Nov-23	43413
6607	PECO TETCO CITY GATE	Call Option	29,210	1.7464	13-Nov-23	13-Nov-23	43427
6607	M2-30 inch	Call Option	31,600	1.74	13-Nov-23	13-Nov-23	43469
5109	PECO TETCO CITY GATE	Call Option	35,000	1.8678	13-Nov-23	13-Nov-23	43443
5101	PECO TRANSCO City Gate	Call Option	32,922	2.1854	14-Nov-23	14-Nov-23	43459
6607	M2-30 inch	Spot Purchase	13,100	2.12	14-Nov-23	14-Nov-23	43407
6607	PECO TRANSCO City Gate	Call Option	10,000	2.1897	14-Nov-23	14-Nov-23	43414
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1114	14-Nov-23	14-Nov-23	43428

**Section 4 PECO Energy
Spot Purchases
Nov-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	M2-30 inch	Call Option	31,600	2.105	14-Nov-23	14-Nov-23	43470
5109	PECO TETCO CITY GATE	Call Option	35,000	2.2356	14-Nov-23	14-Nov-23	43444
5101	PECO TRANSCO City Gate	Call Option	32,922	2.2408	15-Nov-23	15-Nov-23	43460
6607	PECO TRANSCO City Gate	Call Option	10,000	2.2451	15-Nov-23	15-Nov-23	43415
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1264	15-Nov-23	15-Nov-23	43429
6607	M2-30 inch	Call Option	31,600	2.12	15-Nov-23	15-Nov-23	43471
5109	PECO TETCO CITY GATE	Call Option	10,000	2.2507	15-Nov-23	15-Nov-23	43445
7347	M2-30 inch	Spot Sale	13,100	2.1225	15-Nov-23	15-Nov-23	43503
6607	M2-30 inch	Spot Purchase	39,366	2.2	18-Nov-23	20-Nov-23	43409
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3005	18-Nov-23	18-Nov-23	43416
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1864	18-Nov-23	18-Nov-23	43430
6607	M2-30 inch	Call Option	31,600	2.18	18-Nov-23	18-Nov-23	43472
5109	PECO TETCO CITY GATE	Call Option	10,000	2.3112	18-Nov-23	18-Nov-23	43446
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3005	19-Nov-23	19-Nov-23	43417
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1864	19-Nov-23	19-Nov-23	43431
6607	M2-30 inch	Call Option	31,600	2.18	19-Nov-23	19-Nov-23	43473
5109	PECO TETCO CITY GATE	Call Option	10,000	2.3112	19-Nov-23	19-Nov-23	43447
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3005	20-Nov-23	20-Nov-23	43418
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1864	20-Nov-23	20-Nov-23	43432
6607	M2-30 inch	Call Option	31,600	2.18	20-Nov-23	20-Nov-23	43474
5109	PECO TETCO CITY GATE	Call Option	10,000	2.3112	20-Nov-23	20-Nov-23	43448
6607	PECO TETCO CITY GATE	Call Option	20,000	2.1714	21-Nov-23	21-Nov-23	43433
6607	PECO TETCO CITY GATE	Call Option	29,210	2.1264	22-Nov-23	22-Nov-23	43434
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3315	23-Nov-23	23-Nov-23	43461
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3357	23-Nov-23	23-Nov-23	43419
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2464	23-Nov-23	23-Nov-23	43435
6607	M2-30 inch	Call Option	31,600	2.24	23-Nov-23	23-Nov-23	43475
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3716	23-Nov-23	23-Nov-23	43449
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3315	24-Nov-23	24-Nov-23	43462
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3357	24-Nov-23	24-Nov-23	43420
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2464	24-Nov-23	24-Nov-23	43436
6607	M2-30 inch	Call Option	31,600	2.24	24-Nov-23	24-Nov-23	43476
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3716	24-Nov-23	24-Nov-23	43450
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3315	25-Nov-23	25-Nov-23	43463
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3357	25-Nov-23	25-Nov-23	43421
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2464	25-Nov-23	25-Nov-23	43437
6607	M2-30 inch	Call Option	31,600	2.24	25-Nov-23	25-Nov-23	43477
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3716	25-Nov-23	25-Nov-23	43451
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3315	26-Nov-23	26-Nov-23	43464
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3357	26-Nov-23	26-Nov-23	43422
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2464	26-Nov-23	26-Nov-23	43438
6607	M2-30 inch	Call Option	31,600	2.24	26-Nov-23	26-Nov-23	43478
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3716	26-Nov-23	26-Nov-23	43452
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3315	27-Nov-23	27-Nov-23	43465
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3357	27-Nov-23	27-Nov-23	43423
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2464	27-Nov-23	27-Nov-23	43439
6607	M2-30 inch	Call Option	31,600	2.24	27-Nov-23	27-Nov-23	43479
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3716	27-Nov-23	27-Nov-23	43453
5101	PECO TRANSCO City Gate	Call Option	32,922	2.4826	28-Nov-23	28-Nov-23	43488
DTE 5098	PECO TRANSCO City Gate	Spot Purchase	50,000	3.545	28-Nov-23	28-Nov-23	43480
5006	M2-30 inch	Spot Purchase	13,121	2.33	28-Nov-23	28-Nov-23	43481
6607	PECO TETCO CITY GATE	Spot Purchase	50,000	3.535	28-Nov-23	28-Nov-23	43482
6607	M2-30 inch	Call Option	31,600	2.325	28-Nov-23	28-Nov-23	43485
6607	PECO TETCO CITY GATE	Call Option	29,210	2.3314	28-Nov-23	28-Nov-23	43486
6607	PECO TRANSCO City Gate	Call Option	10,000	2.4868	28-Nov-23	28-Nov-23	43487
5109	PECO TETCO CITY GATE	Call Option	35,000	2.4573	28-Nov-23	28-Nov-23	43489
5101	PECO TRANSCO City Gate	Call Option	32,922	2.4524	29-Nov-23	29-Nov-23	43492

**Section 4 PECO Energy
Spot Purchases
Nov-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	M2-30 inch	Spot Purchase	13,121	2.3275	29-Nov-23	29-Nov-23	43483
6607	S85-FT-PECO	Spot Purchase	20,000	2.985	29-Nov-23	29-Nov-23	43484
6607	PECO TRANSCO City Gate	Call Option	10,000	2.4566	29-Nov-23	29-Nov-23	43493
6607	M2-30 inch	Call Option	31,600	2.315	29-Nov-23	29-Nov-23	43494
6607	PECO TETCO CITY GATE	Call Option	29,210	2.3214	29-Nov-23	29-Nov-23	43495
5109	PECO TETCO CITY GATE	Call Option	35,000	2.4472	29-Nov-23	29-Nov-23	43490
7347	PECO TRANSCO City Gate	Call Option	40,000	3.1188	29-Nov-23	29-Nov-23	43491
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3516	30-Nov-23	30-Nov-23	43499
5006	M2-30 inch	Spot Purchase	13,121	2.2075	30-Nov-23	30-Nov-23	43496
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3559	30-Nov-23	30-Nov-23	43500
6607	M2-30 inch	Call Option	31,600	2.2	30-Nov-23	30-Nov-23	43501
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2064	30-Nov-23	30-Nov-23	43502
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3313	30-Nov-23	30-Nov-23	43498

**Section 4 PECO Energy
Firm Long-Term Purchases
Dec-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.725	1-Dec-23	31-Dec-23	43527
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.35	1-Dec-23	31-Dec-23	43528
5006	PECO TETCO CITY GATE	Term Purchase	186,000	8.625	1-Dec-23	31-Dec-23	43529
5006	PECO TRANSCO City Gate	Term Purchase	186,000	6.035	1-Dec-23	31-Dec-23	43534
6607	S85-FT-PECO	Term Purchase	666,500	2.89	1-Dec-23	31-Dec-23	43526
6607	M2-30 inch	Term Purchase	1,010,600	1.965	1-Dec-23	31-Dec-23	43530
6607	Crayne/Equitable	Term Purchase	418,066	2.055	1-Dec-23	31-Dec-23	43531
6607	PECO TRANSCO City Gate	Term Purchase	620,000	2.2552	1-Dec-23	31-Dec-23	43532
8349	PECO TRANSCO City Gate	Term Purchase	186,000	7.875	1-Dec-23	31-Dec-23	43535
3220	PECO TRANSCO City Gate	Term Purchase	186,000	4.58	1-Dec-23	31-Dec-23	43533

**Section 4 PECO Energy
Spot Purchases
Dec-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	PECO TRANSCO City Gate	Call Option	10,000	2.1695	5-Dec-23	5-Dec-23	43507
6607	M2-30 inch	Call Option	10,000	1.975	5-Dec-23	5-Dec-23	43511
6607	PECO TETCO CITY GATE	Call Option	29,210	1.9814	5-Dec-23	5-Dec-23	43515
5101	PECO TRANSCO City Gate	Call Option	32,922	2.2861	6-Dec-23	6-Dec-23	43506
5006	M2-30 inch	Spot Purchase	13,245	2.21	6-Dec-23	6-Dec-23	43519
6607	PECO TRANSCO City Gate	Call Option	10,000	2.2904	6-Dec-23	6-Dec-23	43508
6607	M2-30 inch	Call Option	10,000	2.195	6-Dec-23	6-Dec-23	43512
6607	PECO TETCO CITY GATE	Call Option	29,210	2.2014	6-Dec-23	6-Dec-23	43516
5109	PECO TETCO CITY GATE	Call Option	35,000	2.3372	6-Dec-23	6-Dec-23	43504
DTE 5098	M2-30 inch	Spot Purchase	13,245	2.0325	7-Dec-23	7-Dec-23	43520
6607	PECO TRANSCO City Gate	Call Option	10,000	2.1746	7-Dec-23	7-Dec-23	43509
6607	M2-30 inch	Call Option	10,000	2.025	7-Dec-23	7-Dec-23	43513
6607	PECO TETCO CITY GATE	Call Option	29,210	2.0314	7-Dec-23	7-Dec-23	43517
5109	PECO TETCO CITY GATE	Call Option	35,000	2.1651	7-Dec-23	7-Dec-23	43505
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9177	12-Dec-23	12-Dec-23	43510
6607	M2-30 inch	Call Option	10,000	1.855	12-Dec-23	12-Dec-23	43514
6607	PECO TETCO CITY GATE	Call Option	29,210	1.8614	12-Dec-23	12-Dec-23	43518
5101	PECO TRANSCO City Gate	Call Option	32,922	1.9285	13-Dec-23	13-Dec-23	43522
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9328	13-Dec-23	13-Dec-23	43523
6607	M2-30 inch	Call Option	10,000	1.885	13-Dec-23	13-Dec-23	43524
6607	PECO TETCO CITY GATE	Call Option	29,210	1.8914	13-Dec-23	13-Dec-23	43525
5109	PECO TETCO CITY GATE	Call Option	35,000	2.0234	13-Dec-23	13-Dec-23	43521
5101	PECO TRANSCO City Gate	Call Option	32,922	1.8278	14-Dec-23	14-Dec-23	43536
6607	PECO TRANSCO City Gate	Call Option	10,000	1.8321	14-Dec-23	14-Dec-23	43538
6607	PECO TETCO CITY GATE	Call Option	29,210	1.8064	14-Dec-23	14-Dec-23	43540
6607	M2-30 inch	Call Option	10,000	1.8	14-Dec-23	14-Dec-23	43544
5109	PECO TETCO CITY GATE	Call Option	35,000	1.9374	14-Dec-23	14-Dec-23	43542
5101	PECO TRANSCO City Gate	Call Option	32,922	2.0746	19-Dec-23	19-Dec-23	43537
6607	PECO TRANSCO City Gate	Call Option	10,000	2.0789	19-Dec-23	19-Dec-23	43539
6607	PECO TETCO CITY GATE	Call Option	29,210	1.9514	19-Dec-23	19-Dec-23	43541
6607	M2-30 inch	Call Option	10,000	1.945	19-Dec-23	19-Dec-23	43545
5109	PECO TETCO CITY GATE	Call Option	35,000	2.0842	19-Dec-23	19-Dec-23	43543
5101	PECO TRANSCO City Gate	Call Option	17,206	1.8731	20-Dec-23	20-Dec-23	43561
6607	M2-30 inch	Call Option	10,000	1.925	20-Dec-23	20-Dec-23	43548
6607	PECO TRANSCO City Gate	Call Option	10,000	1.8774	20-Dec-23	20-Dec-23	43551
6607	PECO TETCO CITY GATE	Call Option	29,210	1.9314	20-Dec-23	20-Dec-23	43557
5101	PECO TRANSCO City Gate	Call Option	32,922	1.9789	21-Dec-23	21-Dec-23	43555
5006	M2-30 inch	Spot Purchase	13,245	1.9675	21-Dec-23	21-Dec-23	43560

**Section 4 PECO Energy
Spot Purchases
Dec-23**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	M2-30 inch	Call Option	10,000	1.95	21-Dec-23	21-Dec-23	43549
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9382	21-Dec-23	21-Dec-23	43552
6607	PECO TETCO CITY GATE	Call Option	29,210	1.9564	21-Dec-23	21-Dec-23	43558
5109	PECO TETCO CITY GATE	Call Option	35,000	2.0892	21-Dec-23	21-Dec-23	43546
5101	PECO TRANSCO City Gate	Call Option	32,922	1.9084	22-Dec-23	22-Dec-23	43556
6607	M2-30 inch	Call Option	10,000	1.855	22-Dec-23	22-Dec-23	43550
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9126	22-Dec-23	22-Dec-23	43553
6607	PECO TETCO CITY GATE	Call Option	29,210	1.8614	22-Dec-23	22-Dec-23	43559
5109	PECO TETCO CITY GATE	Call Option	16,000	1.9931	22-Dec-23	22-Dec-23	43547

**Section 4 PECO Energy
Firm Long-Term Purchases
Jan-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.725	1-Jan-24	31-Jan-24	43603
5006	PECO TETCO CITY GATE	Term Purchase	186,000	8.625	1-Jan-24	31-Jan-24	43604
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.35	1-Jan-24	31-Jan-24	43605
5006	PECO TRANSCO City Gate	Term Purchase	186,000	6.035	1-Jan-24	31-Jan-24	43607
6607	S85-FT-PECO	Term Purchase	666,500	3.03	1-Jan-24	31-Jan-24	43602
6607	M2-30 inch	Term Purchase	1,010,600	2.06	1-Jan-24	31-Jan-24	43606
6607	Crayne/Equitable	Term Purchase	418,066	2.145	1-Jan-24	31-Jan-24	43610
6607	PECO TRANSCO City Gate	Term Purchase	620,000	2.225	1-Jan-24	31-Jan-24	43611
8349	PECO TRANSCO City Gate	Term Purchase	186,000	7.875	1-Jan-24	31-Jan-24	43609
3220	PECO TRANSCO City Gate	Term Purchase	186,000	4.58	1-Jan-24	31-Jan-24	43608

**Section 4 PECO Energy
Spot Purchases
Jan-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	PECO TRANSCO City Gate	Call Option	20,000	1.8673	1-Jan-24	2-Jan-24	43562
6607	M2-30 inch	Call Option	20,000	1.885	1-Jan-24	2-Jan-24	43569
6607	PECO TETCO CITY GATE	Call Option	58,420	1.8914	1-Jan-24	2-Jan-24	43576
6607	PECO TRANSCO City Gate	Call Option	10,000	1.9932	3-Jan-24	3-Jan-24	43563
6607	PECO TETCO CITY GATE	Call Option	29,210	2.0764	3-Jan-24	3-Jan-24	43577
5101	PECO TRANSCO City Gate	Call Option	32,922	2.2761	4-Jan-24	4-Jan-24	43573
6607	PECO TRANSCO City Gate	Call Option	10,000	2.2803	4-Jan-24	4-Jan-24	43564
6607	M2-30 inch	Call Option	10,000	2.365	4-Jan-24	4-Jan-24	43570
6607	PECO TETCO CITY GATE	Call Option	29,210	2.3714	4-Jan-24	4-Jan-24	43578
5109	PECO TETCO CITY GATE	Call Option	35,000	2.5092	4-Jan-24	4-Jan-24	43567
5101	PECO TRANSCO City Gate	Call Option	32,922	2.1904	5-Jan-24	5-Jan-24	43574
6607	PECO TRANSCO City Gate	Call Option	10,000	2.1947	5-Jan-24	5-Jan-24	43565
6607	M2-30 inch	Call Option	10,000	2.315	5-Jan-24	5-Jan-24	43571
6607	PECO TETCO CITY GATE	Call Option	29,210	2.3214	5-Jan-24	5-Jan-24	43579
5109	PECO TETCO CITY GATE	Call Option	35,000	2.4586	5-Jan-24	5-Jan-24	43568
5101	PECO TRANSCO City Gate	Call Option	21,000	2.2307	6-Jan-24	8-Jan-24	43575
6607	PECO TRANSCO City Gate	Call Option	30,000	2.235	6-Jan-24	8-Jan-24	43566
6607	M2-30 inch	Call Option	30,000	2.275	6-Jan-24	8-Jan-24	43572
6607	PECO TETCO CITY GATE	Call Option	87,630	2.2814	6-Jan-24	8-Jan-24	43580
6607	PECO TETCO CITY GATE	Call Option	18,500	2.8014	10-Jan-24	10-Jan-24	43645
6607	PECO TRANSCO City Gate	Call Option	10,000	2.7135	11-Jan-24	11-Jan-24	43587
6607	PECO TETCO CITY GATE	Call Option	10,000	2.6514	11-Jan-24	11-Jan-24	43591
5101	PECO TRANSCO City Gate	Call Option	131,688	9.4434	13-Jan-24	16-Jan-24	43585
5101	PECO TRANSCO City Gate	Call Option	60,000	14.0237	13-Jan-24	16-Jan-24	43594
6607	PECO TRANSCO City Gate	Call Option	40,000	9.4477	13-Jan-24	16-Jan-24	43588
6607	PECO TETCO CITY GATE	Call Option	116,840	11.5114	13-Jan-24	16-Jan-24	43592
6607	S85-FT-PECO	Spot Purchase	43,204	13.72	13-Jan-24	16-Jan-24	43596
5109	PECO TETCO CITY GATE	Call Option	140,000	11.7583	13-Jan-24	16-Jan-24	43581
7347	PECO TRANSCO City Gate	Call Option	160,000	14.0134	13-Jan-24	16-Jan-24	43583
4799	PECO TETCO CITY GATE	Call Option	40,000	4.231	16-Jan-24	16-Jan-24	43639
4799	PECO TETCO CITY GATE	Call Option	20,000	4.231	17-Jan-24	17-Jan-24	43640
5101	PECO TRANSCO City Gate	Call Option	32,922	2.6589	17-Jan-24	17-Jan-24	43586
5101	PECO TRANSCO City Gate	Call Option	15,000	4.2962	17-Jan-24	17-Jan-24	43595
6607	PECO TRANSCO City Gate	Call Option	10,000	2.6631	17-Jan-24	17-Jan-24	43589
6607	M2-30 inch	Call Option	10,000	3.075	17-Jan-24	17-Jan-24	43590
6607	PECO TETCO CITY GATE	Call Option	29,210	3.0814	17-Jan-24	17-Jan-24	43593
6607	M2-30 inch	Spot Purchase	13,240	3.33	17-Jan-24	17-Jan-24	43598
5109	PECO TETCO CITY GATE	Call Option	35,000	3.2277	17-Jan-24	17-Jan-24	43582

**Section 4 PECO Energy
Spot Purchases
Jan-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
7347	PECO TRANSCO City Gate	Call Option	40,000	4.2859	17-Jan-24	17-Jan-24	43584
7347	S85-FT-PECO	Spot Purchase	10,801	4.41	17-Jan-24	17-Jan-24	43597
5101	PECO TRANSCO City Gate	Call Option	32,922	2.3458	18-Jan-24	18-Jan-24	43617
6607	Quakertown	Spot Purchase	5,005	7.25	18-Jan-24	18-Jan-24	43601
6607	PECO TRANSCO City Gate	Call Option	10,000	2.3458	18-Jan-24	18-Jan-24	43620
6607	M2-30 inch	Call Option	10,000	2.575	18-Jan-24	18-Jan-24	43624
6607	PECO TETCO CITY GATE	Call Option	29,210	2.5814	18-Jan-24	18-Jan-24	43628
8349	S85-FT-PECO	Spot Purchase	10,801	3.165	18-Jan-24	18-Jan-24	43599
5109	PECO TETCO CITY GATE	Call Option	35,000	2.7217	18-Jan-24	18-Jan-24	43612
7347	M2-30 inch	Spot Purchase	13,240	2.595	18-Jan-24	18-Jan-24	43600
4799	PECO TETCO CITY GATE	Call Option	40,000	4.231	19-Jan-24	19-Jan-24	43641
5101	PECO TRANSCO City Gate	Call Option	32,922	2.2559	19-Jan-24	19-Jan-24	43618
5101	PECO TRANSCO City Gate	Call Option	15,000	3.4222	19-Jan-24	19-Jan-24	43632
6607	PECO TRANSCO City Gate	Call Option	10,000	2.2602	19-Jan-24	19-Jan-24	43621
6607	M2-30 inch	Call Option	10,000	2.605	19-Jan-24	19-Jan-24	43625
6607	PECO TETCO CITY GATE	Call Option	29,210	2.6114	19-Jan-24	19-Jan-24	43629
8349	S85-FT-PECO	Spot Purchase	10,801	3.2725	19-Jan-24	19-Jan-24	43634
5109	PECO TETCO CITY GATE	Call Option	35,000	2.752	19-Jan-24	19-Jan-24	43613
7347	PECO TRANSCO City Gate	Call Option	40,000	3.4119	19-Jan-24	19-Jan-24	43615
7347	M2-30 inch	Spot Purchase	13,240	2.645	19-Jan-24	19-Jan-24	43635
4799	PECO TETCO CITY GATE	Call Option	40,000	4.231	20-Jan-24	21-Jan-24	43642
4799	PECO TRANSCO City Gate	Call Option	40,000	4.231	20-Jan-24	21-Jan-24	43643
5101	PECO TRANSCO City Gate	Call Option	98,766	2.0091	20-Jan-24	22-Jan-24	43619
5101	PECO TRANSCO City Gate	Call Option	45,000	3.1137	20-Jan-24	22-Jan-24	43633
6607	PECO TRANSCO City Gate	Call Option	30,000	2.0134	20-Jan-24	22-Jan-24	43622
6607	M2-30 inch	Call Option	30,000	2.32	20-Jan-24	22-Jan-24	43626
6607	PECO TETCO CITY GATE	Call Option	87,630	2.3264	20-Jan-24	22-Jan-24	43630
6607	Quakertown	Spot Purchase	67,500	9.13	20-Jan-24	22-Jan-24	43636
8349	S85-FT-PECO	Spot Purchase	32,403	2.9575	20-Jan-24	22-Jan-24	43637
5109	PECO TETCO CITY GATE	Call Option	105,000	2.4636	20-Jan-24	22-Jan-24	43614
7347	PECO TRANSCO City Gate	Call Option	120,000	3.1034	20-Jan-24	22-Jan-24	43616
7347	M2-30 inch	Spot Purchase	39,720	2.335	20-Jan-24	22-Jan-24	43638
6607	PECO TRANSCO City Gate	Call Option	10,000	1.817	23-Jan-24	23-Jan-24	43623
6607	M2-30 inch	Call Option	10,000	1.885	23-Jan-24	23-Jan-24	43627
6607	PECO TETCO CITY GATE	Call Option	29,210	1.8914	23-Jan-24	23-Jan-24	43631
6607	PECO TETCO CITY GATE	Call Option	87,630	1.7164	27-Jan-24	29-Jan-24	43648
4799	PECO TRANSCO City Gate	Call Option	40,000	4.231	29-Jan-24	29-Jan-24	43644
6607	M2-30 inch	Call Option	10,000	1.67	30-Jan-24	30-Jan-24	43646
6607	PECO TETCO CITY GATE	Call Option	29,210	1.6764	30-Jan-24	30-Jan-24	43647

**Section 4 PECO Energy
Firm Long-Term Purchases
Feb-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	PECO TETCO CITY GATE	Term Purchase	174,000	5.725	1-Feb-24	29-Feb-24	43666
5006	PECO TETCO CITY GATE	Term Purchase	174,000	8.625	1-Feb-24	29-Feb-24	43667
5006	PECO TETCO CITY GATE	Term Purchase	174,000	5.35	1-Feb-24	29-Feb-24	43668
5006	PECO TRANSCO City Gate	Term Purchase	174,000	6.035	1-Feb-24	29-Feb-24	43669
6607	Crayne/Equitable	Term Purchase	391,094	1.925	1-Feb-24	29-Feb-24	43662
6607	PECO TRANSCO City Gate	Term Purchase	520,000	1.9127	1-Feb-24	26-Feb-24	43663
6607	M2-30 inch	Term Purchase	945,400	1.84	1-Feb-24	29-Feb-24	43664
6607	S85-FT-PECO	Term Purchase	623,500	2.78	1-Feb-24	29-Feb-24	43665
8349	PECO TRANSCO City Gate	Term Purchase	174,000	7.875	1-Feb-24	29-Feb-24	43670
3220	PECO TRANSCO City Gate	Term Purchase	174,000	4.58	1-Feb-24	29-Feb-24	43671
6607	CNG / Transco Leidy	Term Purchase	6,638	1.9127	27-Feb-24	27-Feb-24	43708
6607	PECO TRANSCO City Gate	Term Purchase	13,362	1.9127	27-Feb-24	27-Feb-24	43710
6607	PECO TRANSCO City Gate	Term Purchase	40,000	1.9127	28-Feb-24	29-Feb-24	43709

**Section 4 PECO Energy
Spot Purchases
Feb-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	PECO TRANSCO City Gate	Call Option	10,000	1.6054	2-Feb-24	2-Feb-24	43650
6607	PECO TETCO CITY GATE	Call Option	29,210	1.6414	2-Feb-24	2-Feb-24	43656
6607	PECO TRANSCO City Gate	Call Option	30,000	1.6306	3-Feb-24	5-Feb-24	43651
6607	M2-30 inch	Call Option	30,000	1.635	3-Feb-24	5-Feb-24	43653
6607	PECO TETCO CITY GATE	Call Option	87,630	1.6414	3-Feb-24	5-Feb-24	43657
4799	PECO TRANSCO City Gate	Call Option	20,000	4.231	5-Feb-24	5-Feb-24	43660
4799	PECO TRANSCO City Gate	Call Option	40,000	4.231	6-Feb-24	6-Feb-24	43661
6607	PECO TRANSCO City Gate	Call Option	10,000	1.6407	6-Feb-24	6-Feb-24	43652
6607	M2-30 inch	Call Option	10,000	1.595	6-Feb-24	6-Feb-24	43654
6607	PECO TETCO CITY GATE	Call Option	29,210	1.6014	6-Feb-24	6-Feb-24	43658
5101	PECO TRANSCO City Gate	Call Option	19,800	1.5206	7-Feb-24	7-Feb-24	43672
6607	M2-30 inch	Call Option	10,000	1.5	7-Feb-24	7-Feb-24	43655
6607	PECO TETCO CITY GATE	Call Option	29,210	1.5064	7-Feb-24	7-Feb-24	43659
6607	PECO TRANSCO City Gate	Spot Purchase	30,000	1.9	13-Feb-24	13-Feb-24	43677
6607	M2-30 inch	Spot Purchase	13,155	1.5	13-Feb-24	13-Feb-24	43678
6607	M2-30 inch	Call Option	10,000	1.41	13-Feb-24	13-Feb-24	43682
6607	PECO TETCO CITY GATE	Call Option	29,210	1.4164	13-Feb-24	13-Feb-24	43686
6607	PECO TRANSCO City Gate	Call Option	10,000	1.4342	13-Feb-24	13-Feb-24	43691
4799	PECO TRANSCO City Gate	Call Option	40,000	4.231	14-Feb-24	14-Feb-24	43676
5101	PECO TRANSCO City Gate	Call Option	32,922	1.3493	14-Feb-24	14-Feb-24	43673
5006	M2-30 inch	Spot Purchase	13,155	1.3125	14-Feb-24	14-Feb-24	43703
6607	M2-30 inch	Call Option	10,000	1.31	14-Feb-24	14-Feb-24	43683
6607	PECO TETCO CITY GATE	Call Option	29,210	1.3164	14-Feb-24	14-Feb-24	43687
6607	PECO TRANSCO City Gate	Call Option	10,000	1.3536	14-Feb-24	14-Feb-24	43692
5109	PECO TETCO CITY GATE	Call Option	35,000	1.428	14-Feb-24	14-Feb-24	43697
7347	PECO TRANSCO City Gate	Call Option	40,000	1.8902	14-Feb-24	14-Feb-24	43696
5101	PECO TRANSCO City Gate	Call Option	10,000	1.173	15-Feb-24	15-Feb-24	43674
5101	M2-30 inch	Spot Purchase	13,155	1.205	15-Feb-24	15-Feb-24	43681
6607	M2-30 inch	Call Option	10,000	1.195	15-Feb-24	15-Feb-24	43684
6607	PECO TETCO CITY GATE	Call Option	29,210	1.2014	15-Feb-24	15-Feb-24	43688
6607	PECO TRANSCO City Gate	Call Option	10,000	1.1773	15-Feb-24	15-Feb-24	43693
6607	PECO TETCO CITY GATE	Call Option	29,210	1.1464	16-Feb-24	16-Feb-24	43689
6607	PECO TRANSCO City Gate	Call Option	10,000	1.2277	16-Feb-24	16-Feb-24	43694
5109	PECO TETCO CITY GATE	Call Option	35,000	1.256	16-Feb-24	16-Feb-24	43698
4799	PECO TRANSCO City Gate	Call Option	40,000	4.231	17-Feb-24	17-Feb-24	43679

**Section 4 PECO Energy
Firm Long-Term Purchases
Feb-24**

5101 PECO TRANSCO City Gate	Call Option	131,688	1.314	17-Feb-24	20-Feb-24	43675
6607 M2-30 inch	Spot Purchase	52,620	1.245	17-Feb-24	20-Feb-24	43680
6607 M2-30 inch	Call Option	40,000	1.24	17-Feb-24	20-Feb-24	43685
6607 PECO TETCO CITY GATE	Call Option	116,840	1.2464	17-Feb-24	20-Feb-24	43690
6607 PECO TRANSCO City Gate	Call Option	40,000	1.3183	17-Feb-24	20-Feb-24	43695
6607 PECO TRANSCO City Gate	Call Option	10,000	1.2982	21-Feb-24	21-Feb-24	43699
6607 M2-30 inch	Call Option	10,000	1.205	21-Feb-24	21-Feb-24	43700
6607 PECO TETCO CITY GATE	Call Option	29,210	1.2114	21-Feb-24	21-Feb-24	43701
4799 PECO TRANSCO City Gate	Call Option	40,000	4.231	24-Feb-24	24-Feb-24	43704
5101 PECO TRANSCO City Gate	Call Option	98,766	1.314	24-Feb-24	26-Feb-24	43705
6607 PECO TRANSCO City Gate	Call Option	30,000	1.3183	24-Feb-24	26-Feb-24	43706
6607 PECO TETCO CITY GATE	Call Option	87,630	1.2814	24-Feb-24	26-Feb-24	43707
5101 PECO TRANSCO City Gate	Call Option	31,000	1.4299	29-Feb-24	29-Feb-24	43712
6607 PECO TRANSCO City Gate	Call Option	10,000	1.4342	29-Feb-24	29-Feb-24	43711
6607 M2-30 inch	Call Option	10,000	1.435	29-Feb-24	29-Feb-24	43713
6607 PECO TETCO CITY GATE	Call Option	29,210	1.4414	29-Feb-24	29-Feb-24	43714

**Section 4 PECO Energy
Firm Long-Term Purchases
Mar-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.725	1-Mar-24	31-Mar-24	43717
5006	PECO TETCO CITY GATE	Term Purchase	186,000	8.625	1-Mar-24	31-Mar-24	43718
5006	PECO TETCO CITY GATE	Term Purchase	186,000	5.35	1-Mar-24	31-Mar-24	43719
5006	PECO TRANSCO City Gate	Term Purchase	186,000	6.035	1-Mar-24	31-Mar-24	43720
6607	Crayne/Equitable	Term Purchase	418,066	1.315	1-Mar-24	31-Mar-24	43715
6607	Eastern Shore Transco Interconnect	Term Purchase	4,000	1.3183	1-Mar-24	1-Mar-24	43736
6607	PECO TRANSCO City Gate	Term Purchase	16,000	1.3183	1-Mar-24	1-Mar-24	43737
8349	PECO TRANSCO City Gate	Term Purchase	186,000	7.875	1-Mar-24	31-Mar-24	43721
3220	PECO TRANSCO City Gate	Term Purchase	186,000	4.58	1-Mar-24	31-Mar-24	43722
6607	PECO TRANSCO City Gate	Term Purchase	187,000	1.3183	2-Mar-24	12-Mar-24	43738
6607	Eastern Shore Transco Interconnect	Term Purchase	33,000	1.3183	2-Mar-24	12-Mar-24	43742
6607	PECO TRANSCO City Gate	Term Purchase	17,500	1.3183	13-Mar-24	13-Mar-24	43740
6607	Eastern Shore Transco Interconnect	Term Purchase	2,500	1.3183	13-Mar-24	13-Mar-24	43744
6607	CNG / Transco Leidy	Term Purchase	6,638	1.3183	14-Mar-24	14-Mar-24	43723
6607	CNG/Transco Leidy	Term Purchase	13,362	1.3183	14-Mar-24	14-Mar-24	43727
6607	PECO TRANSCO City Gate	Term Purchase	17,500	1.3183	15-Mar-24	15-Mar-24	43741
6607	Eastern Shore Transco Interconnect	Term Purchase	2,500	1.3183	15-Mar-24	15-Mar-24	43745
6607	PECO TRANSCO City Gate	Term Purchase	272,000	1.3183	16-Mar-24	31-Mar-24	43739
6607	Eastern Shore Transco Interconnect	Term Purchase	48,000	1.3183	16-Mar-24	31-Mar-24	43743

**Section 4 PECO Energy
Spot Purchases
Mar-24**

Contract	Purchase Point	Vol Type	Dths	Cost/Dth	Start Date	End Date	Bid #
6607	PECO TRANSCO City Gate	Spot Purchase	20,000	2	10-Mar-24	10-Mar-24	43733
6607	PECO TRANSCO City Gate	Call Option	30,000	1.2277	16-Mar-24	18-Mar-24	43729
5101	PECO TRANSCO City Gate	Call Option	32,922	1.586	21-Mar-24	21-Mar-24	43732
6607	PECO TETCO CITY GATE	Call Option	29,210	1.4964	21-Mar-24	21-Mar-24	43728
6607	PECO TRANSCO City Gate	Call Option	10,000	1.5903	21-Mar-24	21-Mar-24	43730
6607	M2-30 inch	Call Option	42,600	1.49	21-Mar-24	21-Mar-24	43731
6607	PECO TETCO CITY GATE	Call Option	45,000	1.3264	23-Mar-24	25-Mar-24	43734
6607	PECO TETCO CITY GATE	Spot Purchase	20,000	1.75	23-Mar-24	23-Mar-24	43735

Docket Number	Applicant	Description	File Date
CP15-138	Transco	Atlantic Sunrise Expansion	31-Mar-15
CP15-555	Dominion Transmiss	Supply Header Project	18-Sep-15
CP18-46	Adelphia Gateway	Adelphia Gateway Project - New Expansion	11-Jan-18
CP18-145	Transco	Abandonment of Eminence Storage	27-Mar-18
CP19-494	Transco	Leidy South Project	14-Aug-19
CP21-94	Transco	Regional Energy Access Expansion Project	26-Mar-21
CP22-486	Texas Eastern	A2M II Project	12-Jul-22
CP23-141	Transco	Brazos 133A - Brazos 538 Abandonment Proj	14-Apr-23
CP23-163	Texas Eastern	Prior Notice of Blanket Certificate Activity	28-Apr-23
CP23-194	Transco	Alabama Georgia Connector Project	10-May-23
CP23-200	Transco	Pelto Area Abandonment Project	10-May-23
CP23-487	Transco	Carolina Market Link Project	16-Jun-23
CP23-495	Texas Eastern	Authorization to Abandon Certain Exchange S	15-Jun-23
CP23-536	Eastern Shore	Worcester Resiliency Upgrade Project	19-Sep-23

Docket Number	Applicant	Description	File Date
RP21-1001	Texas Eastern	TETCO Section 4 Rate Case	30-Jul-21
RP21-1187	Eastern Gas	EGTS Section 4 Rate Case	30-Sep-21
RP21-1188	Texas Eastern	TETCO Section 4 Rate Case	30-Sep-21
RP22-466	Texas Eastern	Semiannual Electric Power Cost Tariff Filing	31-Dec-21
RP22-540	Texas Eastern	ASA Rate Filing	7-Feb-22
RP22-663	Transco	Annual Fuel Tracker Filing	1-Mar-22
RP23-330	Texas Eastern	Electric Power Cost Adjustment Filing	3-Jan-23
RP23-489	Eastern Shore Gas	Section 4(d) Rate Filing - ESNG Tariff Housekeeping	1-Mar-23
RP23-840	Transco	Tariff Filing - MBR Authorization at Washington Storage F	22-Jun-23
RP23-862	Texas Eastern	Tariff Filing - Electric Power Cost Adjustment Filing	7-Jul-23
RP23-886	Transco	Conversion of IT Feeder Capacity	18-Jul-23
RP23-951	Adelphia	Tariff Filing - Annual Charge Adjustment Clause	3-Aug-23
RP23-967	Texas Eastern	Temporary Waiver of Certain Tariff Provisions	17-Aug-23
RP23-1035	Transco	Tariff Filing - Regional Energy Access Expansion	13-Sep-23
RP23-1055	Transco	Tariff Filing - Service Agreement Containing Non-Conform	25-Sep-23
RP23-1091	Texas Eastern	Tariff Filing - General Terms & Conditions	29-Sep-23
RP24-102	Texas Eastern	Tariff Filing - Annual ASA and Interruptible Revenue Rec	8-Nov-23
RP24-150	Eastern Shore Gas	Tariff Filing - Establish New Supply Connection Service	14-Nov-23
RP24-316	Transco	Informational Filing Concerning MBR at Washington Stor	18-Jan-24
RP24-459	Transco	Tariff Filing - Annual Fuel Tracker Filing	5-Mar-24
RP24-499	Transco	Tariff Filing - Transmission Electric Power Cost Adjustme	11-Mar-24

Docket Number	Applicant	Description	File Date
USDC Case No. 23-1064	Transco	Petition for Review - Regional Energy Access	23-Mar-23
USDC Case No. 23-1053	Transco	Nonbinding Statement of Issues - WSS	29-Mar-23

SECTION 6 - PGC #41

IO ENERGY COMPANY (GAS DIVISION)
PUC 1307(f) FILING
PAGE 1 OF 8

SUMMARY OF COSTS AND VOLUMES
PERIOD: 04/01/2024 THROUGH 11/30/2024

	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	TOTAL
FUEL COSTS - \$									
PIPELINE LONG HAUL FT DEMAND	\$6,583,000	\$6,713,000	\$6,583,000	\$6,713,000	\$6,713,000	\$6,583,000	\$6,713,000	\$7,373,000	\$53,974,000
STORAGE & STORAGE RELATED COSTS	\$2,128,000	\$2,149,000	\$2,128,000	\$2,149,000	\$2,149,000	\$2,128,000	\$2,149,000	\$2,211,000	\$17,191,000
TOTAL COMM COSTS	9,115,000	4,676,000	3,391,000	3,481,000	3,376,000	3,222,000	5,718,000	16,366,000	\$49,345,000
TOTAL FUEL COSTS	\$17,826,000	\$13,538,000	\$12,102,000	\$12,343,000	\$12,238,000	\$11,933,000	\$14,580,000	\$25,950,000	\$120,510,000
LESS RATE IS EXCL \$	-\$2,000	-\$2,000	-\$2,000	-\$3,000	-\$3,000	-\$2,000	-\$2,000	-\$3,000	-\$19,000
LESS RATE TCS EXCL \$	-\$55,000	-\$42,000	-\$29,000	-\$17,000	-\$17,000	-\$15,000	-\$9,000	-\$19,000	-\$203,000
LESS RATE CGS EXCL \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	-	-	-	-	-	-	-	-
COSTS APPLICABLE TO PGC	\$17,769,000	\$13,494,000	\$12,071,000	\$12,323,000	\$12,218,000	\$11,916,000	\$14,569,000	\$25,928,000	\$120,288,000

VOLUMES - MCF

MCF PURCHASED FOR RESALE	5,021,740	2,802,278	1,864,536	1,667,229	1,628,486	1,735,389	3,259,162	6,519,169	24,497,990
LESS RATE IS EXCL MCF	(1,350)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(10,940)
LESS RATE TCS EXCL MCF	(15,380)	(12,040)	(8,070)	(4,470)	(4,460)	(4,070)	(2,590)	(4,470)	(55,550)
LESS RATE CGS EXCL MCF	0	0	0	0	0	0	0	0	0
MCF APPLICABLE TO PGC	5,005,010	2,788,868	1,855,096	1,661,389	1,622,656	1,729,949	3,255,202	6,513,329	24,431,500

	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	TOTAL
TRANSCO: FT ZONE 1-6	\$441,000	\$456,000	\$441,000	\$456,000	\$456,000	\$441,000	\$456,000	\$441,000	\$3,588,000
TRANSCO: FT ZONE 2-6	\$633,000	\$654,000	\$633,000	\$654,000	\$654,000	\$633,000	\$654,000	\$633,000	\$5,148,000
TRANSCO: FT ZONE 3-6	\$1,374,000	\$1,420,000	\$1,374,000	\$1,420,000	\$1,420,000	\$1,374,000	\$1,420,000	\$1,374,000	\$11,176,000
TRANSCO: SENTINEL ZONE 5-6	\$415,000	\$429,000	\$415,000	\$429,000	\$429,000	\$415,000	\$429,000	\$415,000	\$3,376,000
TRANSCO: FT ZONE 6 TW DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSCO: FT ZONE 6 LEIDY DEMAND	\$317,000	\$328,000	\$317,000	\$328,000	\$328,000	\$317,000	\$328,000	\$317,000	\$2,580,000
TRANSCO: GSS DEM CHARGE	\$197,000	\$204,000	\$197,000	\$204,000	\$204,000	\$197,000	\$204,000	\$197,000	\$1,604,000
TRANSCO: GSS CAPACITY	\$68,000	\$70,000	\$68,000	\$70,000	\$70,000	\$68,000	\$70,000	\$68,000	\$552,000
TRANSCO: WSS DEM CHARGE	\$36,000	\$37,000	\$36,000	\$37,000	\$37,000	\$36,000	\$37,000	\$36,000	\$292,000
TRANSCO: WSS CAPACITY	\$37,000	\$38,000	\$37,000	\$38,000	\$38,000	\$37,000	\$38,000	\$37,000	\$300,000
TRANSCO: S2 DEM CHARGE	\$220,000	\$227,000	\$220,000	\$227,000	\$227,000	\$220,000	\$227,000	\$220,000	\$1,788,000
TRANSCO: S2 CAPACITY	\$78,000	\$81,000	\$78,000	\$81,000	\$81,000	\$78,000	\$81,000	\$78,000	\$636,000
TRANSCO: REA	\$583,000	\$603,000	\$583,000	\$603,000	\$603,000	\$583,000	\$603,000	\$1,373,000	\$5,534,000
TETCO: CDS STX-AAB	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$1,104,000
TETCO: CDS ETX-AAB	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$208,000
TETCO: CDS WLA-AAB	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$608,000
TETCO: CDS ELA-AAB	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$704,000
TETCO: CDS M1-M3	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$6,576,000
TETCO: FT-1 STX-AAB #800231	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$768,000
TETCO: FT-1 ETX-AAB #800231	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$136,000
TETCO: FT-1 WLA-AAB #800231	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$416,000
TETCO: FT-1 ELA-AAB #800231	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$464,000
TETCO: FT-1 M1-M3 #800231	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$4,608,000
TETCO FT ELA -AAB #910510	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$832,000
TETCO: FT-1 M1-M3 #910510	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$4,608,000
TETCO: FT-1 M3 LINE 1A	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$936,000
TETCO: SS-1 DEM CHARGE	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$4,696,000
TETCO: SS-1 SPACE CHARGE	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$1,272,000
TETCO: FTS-2 DEMAND	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$1,024,000
TETCO: FTS-7 DEMAND	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$1,632,000
TETCO: FTS-8 DEMAND	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$640,000
TETCO: LLFT DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO: M2 FT1 DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO: FT- RIV DEMAND	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$3,280,000
UGI RATE XD	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$192,000
EASTERN SHORE: FT DEMAND	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$960,000
EASTERN SHORE: ADD'L FT DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EGTS: GSS STOR DEMAND (A)	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$744,000
EGTS: GSS STOR CAPACITY (A)	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$688,000
NEXTERA: AMA Fee DEMAND	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$624,000
TETCO: FT-ZONE 3 DEMAND	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$1,056,000
EGTS FT - WINTER	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,000	\$83,000
EGTS GSS STOR DEMAND (B)	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$296,000
EGTS GSS STOR CAPACITY (B)	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$288,000
EGTS: FT CAPACITY DEMAND CHARGE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSCO PEAKING SERVICE Z1-Z6	\$24,000	\$25,000	\$24,000	\$25,000	\$25,000	\$24,000	\$25,000	\$24,000	\$196,000
TRANSCO PEAKING SERVICE Z2-Z6	\$35,000	\$36,000	\$35,000	\$36,000	\$36,000	\$35,000	\$36,000	\$35,000	\$284,000
TRANSCO PEAKING SERVICE Z3-Z6	\$25,000	\$26,000	\$25,000	\$26,000	\$26,000	\$25,000	\$26,000	\$25,000	\$204,000
LNG Trucking Call	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Propane Trucking Call	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Adelphia FT	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$2,464,000
Tioga/61 Commodities WINTER CALL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CapRelCred/Off SysSale/AMAs	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$8,000,000
TOTAL	\$8,711,000	\$8,862,000	\$8,711,000	\$8,862,000	\$8,862,000	\$8,711,000	\$8,862,000	\$9,584,000	\$71,165,000

	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	TOTAL
SUPPLIERS - TRANSCO	2,410,809	2,338,810	1,842,809	1,898,419	2,196,167	2,165,427	3,004,185	3,191,525	19,048,152
SUPPLIERS - TETCO	3,091,444	2,745,852	2,198,287	2,008,062	1,670,100	1,741,614	2,554,722	3,560,372	19,570,453
LP-AIR PEAK SHAVING	0	0	0	0	0	0	0	0	0
LNG INJECTION	0	-66,426	-64,283	-66,426	-66,426	-64,283	-66,426	0	-394,272
LNG WITHDRAWAL	15,000	15,500	15,000	15,500	15,500	15,000	15,500	15,000	122,000
STG INJ: TRANSCO WSS	-304,687	-314,843	-304,687	-314,843	-314,843	-304,687	-314,843	0	-2,173,430
STG INJ: TRANSCO GSS	0	-283,884	-274,727	-283,884	-283,884	-274,727	-283,884	0	-1,684,990
STG INJ: TRANSCO S2	0	-325,997	-315,481	-325,997	-325,997	-315,481	-325,997	0	-1,934,949
STG INJ: TETCO SS-1	0	-608,734	-589,097	-608,734	-608,734	-589,097	-608,734	0	-3,613,131
STG INJ: EGTS GSS	0	-413,398	-400,062	-413,398	-413,398	-400,062	-413,398	0	-2,453,717
STG INJ: NEXTERA GSS	0	-178,116	-172,370	-178,116	-178,116	-172,370	-178,116	0	-1,057,203
STG WDL: TRANSCO WSS	0	0	0	0	0	0	0	0	0
STG WDL: TRANSCO GSS	0	0	0	0	0	0	0	0	0
STG WDL: TRANSCO S2	0	0	0	0	0	0	0	0	0
STG WDL: TETCO SS-1	0	0	0	0	0	0	0	0	0
STG WDL: EGTS GSS	0	0	0	0	0	0	0	0	0
STG WDL: NEXTERA GSS	0	0	0	0	0	0	0	0	0
TOTAL COMM QUANTITY -DTH	5,212,567	2,908,764	1,935,388	1,730,584	1,690,369	1,801,334	3,383,010	6,766,897	25,428,914
TOTAL COMM QUANTITY -MCF	5,021,740	2,802,278	1,864,536	1,667,229	1,628,486	1,735,389	3,259,162	6,519,169	24,497,990

	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24
SUPPLIERS - TRANSCO	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
SUPPLIERS - TETCO	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
LP-AIR PEAK SHAVING	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07
LNG INJECTION	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
LNG WITHDRAWAL	\$3.83	\$3.72	\$3.64	\$3.58	\$3.52	\$3.46	\$3.40	\$3.40
STG INJ: TRANSCO WSS	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG INJ: TRANSCO GSS	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG INJ: TRANSCO S2	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG INJ: TETCO SS-1	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG INJ: EGTS GSS	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG INJ: NEXTERA GSS	\$1.74	\$1.59	\$1.73	\$1.99	\$1.99	\$1.77	\$1.68	\$2.42
STG WDL: TRANSCO WSS	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19
STG WDL: TRANSCO GSS	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19
STG WDL: TRANSCO S2	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19
STG WDL: TETCO SS-1	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19
STG WDL: EGTS GSS	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19
STG WDL: NEXTERA GSS	\$2.98	\$2.62	\$2.44	\$2.37	\$2.32	\$2.25	\$2.19	\$2.19

SECTION 7 - PGC #41

PECO ENERGY COMPANY (GAS DIVISION)
PUC 1307(f) FILING
PAGE 1 OF 8SUMMARY OF COSTS AND VOLUMES
PERIOD: 12/01/2024 through 11/30/2025

	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	TOTAL
FUEL COSTS - \$													
PIPELINE LONG HAUL FT DEMAND	\$8,545,300	\$8,544,300	\$8,015,300	\$8,544,300	\$7,373,300	\$7,528,300	\$7,373,300	\$7,528,300	\$7,528,300	\$7,373,300	\$7,528,300	\$7,373,300	\$93,255,600
STORAGE & STORAGE RELATED COS	\$2,232,000	\$2,232,000	\$2,168,000	\$2,232,000	\$2,218,000	\$2,243,000	\$2,218,000	\$2,243,000	\$2,243,000	\$2,218,000	\$2,243,000	\$2,301,000	\$26,791,000
TOTAL COMM COSTS	\$29,997,250	\$40,851,250	\$35,149,000	\$27,033,500	\$12,843,000	\$7,229,000	\$4,924,000	\$4,809,000	\$4,613,000	\$4,375,000	\$7,800,000	\$19,657,000	\$199,281,000
TOTAL FUEL COSTS	\$40,774,550	\$51,627,550	\$45,332,300	\$37,809,800	\$22,434,300	\$17,000,300	\$14,515,300	\$14,580,300	\$14,384,300	\$13,966,300	\$17,571,300	\$29,331,300	\$319,327,600
LESS RATE IS EXCL \$	-\$4,000	-\$4,000	-\$4,000	-\$4,000	-\$3,000	-\$3,000	-\$3,000	-\$3,000	-\$3,000	-\$3,000	-\$3,000	-\$4,000	-\$41,000
LESS RATE TGS EXCL \$	-\$50,000	-\$94,000	-\$102,000	-\$92,000	-\$61,000	-\$48,000	-\$33,000	-\$19,000	-\$19,000	-\$16,000	-\$11,000	-\$21,000	-\$566,000
LESS RATE CGS EXCL \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
COSTS APPLICABLE TO PGC	\$40,720,550	\$51,529,550	\$45,226,300	\$37,713,800	\$22,370,300	\$16,949,300	\$14,479,300	\$14,558,300	\$14,362,300	\$13,947,300	\$17,557,300	\$29,306,300	\$318,720,600
MCF PURCHASED FOR RESALE	10,496,110	13,039,574	11,188,710	9,202,357	5,029,072	2,888,230	1,951,189	1,758,555	1,719,783	1,825,202	3,367,937	6,574,352	69,041,071
LESS RATE IS EXCL MCF	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(1,370)	(16,440)
LESS RATE TGS EXCL MCF	(11,360)	(20,170)	(21,880)	(20,600)	(14,960)	(11,810)	(8,000)	(4,460)	(4,460)	(4,080)	(2,730)	(4,670)	(129,180)
LESS RATE CGS EXCL MCF	0	0	0	0	0	0	0	0	0	0	0	0	0
MCF APPLICABLE TO PGC	10,483,380	13,018,034	11,165,460	9,180,387	5,012,742	2,875,050	1,941,819	1,752,725	1,713,953	1,819,752	3,363,837	6,568,312	68,895,451

	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	TOTAL
TRANSCO: FT ZONE 1-6	\$456,000	\$456,000	\$412,000	\$456,000	\$441,000	\$456,000	\$441,000	\$456,000	\$456,000	\$441,000	\$456,000	\$441,000	\$5,368,000
TRANSCO: FT ZONE 2-6	\$654,000	\$654,000	\$591,000	\$654,000	\$633,000	\$654,000	\$633,000	\$654,000	\$654,000	\$633,000	\$654,000	\$633,000	\$7,701,000
TRANSCO: FT ZONE 3-6	\$1,420,000	\$1,420,000	\$1,282,000	\$1,420,000	\$1,374,000	\$1,420,000	\$1,374,000	\$1,420,000	\$1,420,000	\$1,374,000	\$1,420,000	\$1,374,000	\$16,718,000
TRANSCO: SENTINEL ZONE 5-6	\$429,000	\$429,000	\$387,000	\$429,000	\$415,000	\$429,000	\$415,000	\$429,000	\$429,000	\$415,000	\$429,000	\$415,000	\$5,050,000
TRANSCO: FT ZONE 6 TW DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSCO: FT ZONE 6 LEIDY DEMAND	\$328,000	\$328,000	\$296,000	\$328,000	\$317,000	\$328,000	\$317,000	\$328,000	\$328,000	\$317,000	\$328,000	\$317,000	\$3,860,000
TRANSCO: GSS DEM CHARGE	\$204,000	\$204,000	\$184,000	\$204,000	\$197,000	\$204,000	\$197,000	\$204,000	\$204,000	\$197,000	\$204,000	\$197,000	\$2,400,000
TRANSCO: GSS CAPACITY	\$70,000	\$70,000	\$63,000	\$70,000	\$68,000	\$70,000	\$68,000	\$70,000	\$70,000	\$68,000	\$70,000	\$68,000	\$825,000
TRANSCO: WSS DEM CHARGE	\$37,000	\$37,000	\$34,000	\$37,000	\$37,000	\$81,000	\$84,000	\$81,000	\$84,000	\$81,000	\$84,000	\$81,000	\$805,000
TRANSCO: WSS CAPACITY	\$38,000	\$38,000	\$34,000	\$38,000	\$82,000	\$85,000	\$82,000	\$85,000	\$85,000	\$82,000	\$85,000	\$82,000	\$816,000
TRANSCO: S2 DEM CHARGE	\$227,000	\$227,000	\$205,000	\$227,000	\$220,000	\$227,000	\$220,000	\$227,000	\$227,000	\$220,000	\$227,000	\$220,000	\$2,674,000
TRANSCO: S2 CAPACITY	\$81,000	\$81,000	\$73,000	\$81,000	\$78,000	\$81,000	\$78,000	\$81,000	\$81,000	\$78,000	\$81,000	\$78,000	\$952,000
TRANSCO: REA	\$1,418,000	\$1,418,000	\$1,281,000	\$1,418,000	\$1,373,000	\$1,418,000	\$1,373,000	\$1,418,000	\$1,418,000	\$1,373,000	\$1,418,000	\$1,373,000	\$16,699,000
TETCO: CDS STX-AAB	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$138,000	\$1,656,000
TETCO: CDS ETX-AAB	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$312,000
TETCO: CDS WLA-AAB	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$912,000
TETCO: CDS ELA-AAB	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$88,000	\$1,056,000
TETCO: CDS M1-M3	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$822,000	\$9,864,000
TETCO: FT-1 STX-AAB #800231	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$1,152,000
TETCO: FT-1 ETX-AAB #800231	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$204,000
TETCO: FT-1 WLA-AAB #800231	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$624,000
TETCO: FT-1 ELA-AAB #800231	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$58,000	\$696,000
TETCO: FT-1 M1-M3 #800231	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$6,912,000
TETCO FT ELA -AAB #910510	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$104,000	\$1,248,000
TETCO: FT-1 M1-M3 #910510	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$576,000	\$6,912,000
TETCO: FT-1 M3 LINE 1A	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$1,404,000
TETCO: SS-1 DEM CHARGE	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$587,000	\$7,044,000
TETCO: SS-1 SPACE CHARGE	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$159,000	\$1,908,000
TETCO: FTS-2 DEMAND	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$128,000	\$1,536,000
TETCO: FTS-7 DEMAND	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$204,000	\$2,448,000
TETCO: FTS-8 DEMAND	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$960,000
TETCO: LLFT DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO: M2 FT1 DEMAND	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$3,600
TETCO: FT- RIV DEMAND	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$4,920,000
UGI RATE XD	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$288,000
EASTERN SHORE: FT DEMAND	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$1,440,000
EASTERN SHORE: ADD'L FT DEMAND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EGTS: GSS STOR DEMAND (A)	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$93,000	\$1,116,000
EGTS: GSS STOR CAPACITY (A)	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$86,000	\$1,032,000
NEXTERA: AMA Fee DEMAND	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$78,000	\$936,000
TETCO: FT-ZONE 3 DEMAND	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$1,584,000
EGTS FT - WINTER	\$83,000	\$83,000	\$83,000	\$83,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$415,000
EGTS: GSS STOR DEMAND (B)	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$444,000
EGTS: GSS STOR CAPACITY (B)	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$432,000
EGTS: FT CAPACITY DEMAND CHARGE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSCO PEAKING SERVICE Z1-Z6	\$25,000	\$25,000	\$23,000	\$25,000	\$24,000	\$25,000	\$24,000	\$25,000	\$25,000	\$24,000	\$25,000	\$24,000	\$294,000
TRANSCO PEAKING SERVICE Z2-Z6	\$36,000	\$36,000	\$33,000	\$36,000	\$35,000	\$36,000	\$35,000	\$36,000	\$36,000	\$35,000	\$36,000	\$35,000	\$425,000
TRANSCO PEAKING SERVICE Z3-Z6	\$26,000	\$26,000	\$23,000	\$26,000	\$25,000	\$26,000	\$25,000	\$26,000	\$26,000	\$25,000	\$26,000	\$25,000	\$305,000
LNG Trucking Call	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Propane Trucking Call	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Adelphia FT	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$308,000	\$3,696,000
Tioga/61 Commodities WINTER CALL	\$1,017,000	\$1,016,000	\$951,000	\$1,016,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000
CapRelCred/Off SysSale/AMAs	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$1,000,000	-\$12,000,000
Total	\$10,777,300	\$10,776,300	\$10,183,300	\$10,776,300	\$9,591,300	\$9,771,300	\$9,591,300	\$9,771,300	\$9,771,300	\$9,591,300	\$9,771,300	\$9,674,300	\$120,046,600

	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	TOTAL
SUPPLIERS - TRANSCO	3,346,804	3,711,304	3,894,157	3,435,014	2,280,645	2,584,485	2,080,157	2,160,687	2,502,708	2,455,715	3,305,633	3,218,601	34,975,911
SUPPLIERS - TETCO	3,089,358	4,415,681	3,943,146	4,219,877	2,924,532	3,034,283	2,481,421	2,285,477	1,903,212	1,975,088	2,811,070	3,590,576	36,673,720
LP-AIR PEAK SHAVING	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG INJECTION	0	0	0	0	0	-185,912	-179,915	-185,912	-185,912	-179,915	-185,912	0	-1,103,480
LNG WITHDRAWAL	255,297	255,297	230,590	255,297	15,000	15,500	15,000	15,500	15,500	15,000	15,500	15,000	1,118,480
STG INJ: TRANSCO WSS	0	0	0	0	0	-465,947	-450,916	-465,947	-465,947	-450,916	-465,947	0	-2,765,619
STG INJ: TRANSCO GSS	0	0	0	0	0	-337,023	-326,151	-337,023	-337,023	-326,151	-337,023	0	-2,000,393
STG INJ: TRANSCO S2	0	0	0	0	0	-353,719	-342,309	-353,719	-353,719	-342,309	-353,719	0	-2,099,495
STG INJ: TETCO SS-1	0	0	0	0	0	-696,509	-674,041	-696,509	-696,509	-674,041	-696,509	0	-4,134,118
STG INJ: EGTS GSS	0	0	0	0	0	-420,273	-406,716	-420,273	-420,273	-406,716	-420,273	0	-2,494,522
STG INJ: NEXTERA GSS	0	0	0	0	0	-176,902	-171,196	-176,902	-176,902	-171,196	-176,902	0	-1,050,000
STG WDL: TRANSCO WSS	749,414	898,872	597,732	519,601	0	0	0	0	0	0	0	0	2,765,619
STG WDL: TRANSCO GSS	591,335	709,266	417,918	281,873	0	0	0	0	0	0	0	0	2,000,393
STG WDL: TRANSCO S2	712,620	854,739	411,694	120,442	0	0	0	0	0	0	0	0	2,099,495
STG WDL: TETCO SS-1	1,102,431	1,433,161	1,378,039	220,487	0	0	0	0	0	0	0	0	4,134,118
STG WDL: EGTS GSS	737,404	884,466	521,151	351,501	0	0	0	0	0	0	0	0	2,494,522
STG WDL: NEXTERA GSS	310,300	372,292	219,454	147,955	0	0	0	0	0	0	0	0	1,050,000
TOTAL COMM QUANTITY -DTH	10,894,962	13,535,078	11,613,881	9,552,046	5,220,177	2,997,982	2,025,335	1,825,380	1,785,135	1,894,560	3,495,918	6,824,178	71,664,632
TOTAL COMM QUANTITY -MCF	10,496,110	13,039,574	11,188,710	9,202,357	5,029,072	2,888,230	1,951,189	1,758,555	1,719,783	1,825,202	3,367,937	6,574,352	69,041,071

	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25
SUPPLIERS - TRANSCO	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
SUPPLIERS - TETCO	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
LP-AIR PEAK SHAVING	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07	\$12.07
LNG INJECTION	\$3.40	\$3.40	\$3.39	\$3.40	\$3.40	\$3.35	\$3.35	\$3.41	\$3.44	\$3.40	\$3.35	\$3.35
LNG WITHDRAWAL	\$3.40	\$3.40	\$3.39	\$3.40	\$3.40	\$3.35	\$3.35	\$3.41	\$3.44	\$3.40	\$3.35	\$3.35
STG INJ: TRANSCO WSS	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG INJ: TRANSCO GSS	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG INJ: TRANSCO S2	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG INJ: TETCO SS-1	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG INJ: EGTS GSS	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG INJ: NEXTERA GSS	\$3.06	\$3.50	\$3.37	\$2.94	\$2.46	\$2.46	\$2.51	\$2.71	\$2.67	\$2.39	\$2.29	\$2.88
STG WDL: TRANSCO WSS	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47
STG WDL: TRANSCO GSS	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47
STG WDL: TRANSCO S2	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47
STG WDL: TETCO SS-1	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47
STG WDL: EGTS GSS	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47
STG WDL: NEXTERA GSS	\$2.19	\$2.19	\$2.19	\$2.20	\$2.20	\$2.31	\$2.38	\$2.46	\$2.50	\$2.49	\$2.47	\$2.47

CURRENT FUEL PROCUREMENT PRACTICES

PECO Energy Company (“PECO” or the “Company”) continues its long-standing commitment to minimizing overall purchased gas costs while maintaining secure, long-term supply and deliverability to meet the demand of its firm customers, a significant portion of which is weather sensitive.

To understand PECO’s least cost gas procurement strategy, a brief overview of PECO’s supply and capacity portfolio is necessary. PECO’s capacity portfolio consists of three distinct tiers: (1) firm transportation services; (2) firm storage services (Tier I Balancing Assets); and (3) peaking capacity, which consists of PECO-owned liquefied natural gas (“LNG”) and propane-air facilities and third-party delivered peaking services (including Tier II Balancing Assets, as discussed below). In general, PECO purchases gas directly from suppliers in producing areas and has such gas transported to PECO’s city gate (“CG”) or to storage injection points pursuant to PECO’s contracts with interstate pipelines. PECO supplements this supply from an array of supply and storage contracts with pipelines and natural gas suppliers to satisfy daily demand requirements, as more fully discussed below.

FIRM TRANSPORTATION CONTRACTS

As shown in the table below, PECO has seventeen (18) firm transportation contracts with five interstate pipelines – Texas Eastern (“TETCO”), Transcontinental (“Transco”), Eastern Gas Transmission (“EGT”), Eastern Shore Natural Gas (“Eastern Shore”) and Adelphia. The transportation contracts have various receipt areas, delivery areas and associations with storage or upstream contracts; accordingly the contracts are utilized in different ways. The different contract functionalities can be divided into four categories:

- A. Under contracts 1, 2, 5, 6, 7, 8, 11 and 18, PECO flows gas purchased from production areas under long-term, seasonal, and spot purchase agreements with its suppliers to PECO’s distribution system.
- B. Contracts 3 and 4 have dual functionality. In addition to the functionality described in category (A) above, they are also used to transport withdrawals from WSS Storage. Taken together, contracts in categories (A) and (B) represent about one third of PECO’s peak day supply.
- C. Contracts 9, 10, 15 and 16 are used to transport gas withdrawals from pipeline storage to PECO’s CG.
- D. Contracts 12, 13, 14 and 17 are utilized to transport gas from an interconnect with an upstream contract in category (A) or (B) to specific locations on PECO’s distribution system.

Firm Transportation Contracts on Interstate Pipelines							
	Pipeline	Name	Contract #	Dth/d	Receipt Area	Delivery Area	Notes
1	Transco	Transco Sentinel	1089628	25,000	Transco Z5	PECO CG	
2	Transco	Transco Leidy/TW	1044182	30,000	Leidy	PECO CG	
3	Transco	Transco Winter FT	1005000	4,554	Gulf	PECO CG	Can be used for WSS withdrawals
4	Transco	FT	1003693	154,278	Gulf	PECO CG	Can be used for WSS withdrawals
5	TETCO	FT-1	800231	35,000	Gulf/SW PA	PECO CG	
6	TETCO	FT-1	910510	35,000	Gulf/SW PA	PECO CG	
7	TETCO	CDS	800407	49,286	Gulf/SW PA	PECO CG	
8	TETCO	FTS-2	330614	13,486	SW PA	PECO CG	
9	TETCO	FTS-7	331718	24,170	DTI GSS-A	PECO CG	Only Transports DTI GSS withdrawals
10	TETCO	FTS-8	331817	9,850	DTI GSS A	PECO CG	Only Transports DTI GSS withdrawals
11	TETCO	FT Flex -X	800503	29,210	TETCO M2	PECO CG	
12	TETCO	FT-1	800523	120,000	Eagle Pa	Philly lateral	Upstream deliv. via TETCO FT or CDS
13	Eastern Shore	FT	062-00009	8,000	Transco Parkesburg	PECO CG Jennersville	Upstream deliv. via Transco FT
14	Eastern Shore	FT	062-00010	2,000	Transco Parkesburg	PECO CG Jennersville	Upstream deliv. via Transco FT
15	TETCO	FT-1	911740	14,000	Interconnect with DTI at Chambersburg	PECO CG	Transports DTI GSS withdrawals
16	EGTS	FT	700116	14,000	DTI GSS -B	Interconnect with TETCO	Transports DTI GSS withdrawals
17	Adelphia	FT	FTS-PEC-0020	22,500	TETCO M3	PECO CG at Chester	
18	Transco	FT	FT-REA-9276048	32,922	Transco Chapin B	PECO CG	

PECO also has a transportation contract with UGI Utilities Inc.

FIRM STORAGE SERVICES

PECO also has storage contracts with Transco, Texas Eastern and Eastern Gas Transmission & Storage, which together provide approximately 19.4 BCF of storage capacity. PECO's maximum total withdrawal capability from these storage contracts is 250,600 dth/day and its maximum storage injection capability is

113,559 dth/day. These storage contracts are referred to as PECO’s “Tier I Balancing Assets” and represent about one-third of peak day demand. The following table provides the associated pipeline, the applicable tariff rate, the Maximum Storage Quantity, (“MSQ”), the Maximum Daily Withdrawal Quantity (“MDWQ”) and the Maximum Daily Withdraw Injection quantity (“MDIQ”) for the Company’s six underground storage assets.

Firm Storage Contracts on Interstate Pipelines							
	Pipeline	Name	Contract #	MSQ	MDW Q	MDIQ	Notes
1	Transco	WSS	1031819	3,687,492	38,816	20,460	Gas withdrawals transported to PECO CG via Transco FT
2	Transco	GSS	1000884	2,667,190	54,508	14,818	Includes bundled transport to PECO CG
3	Transco	S-2	1000885	2,799,327	31,142	23,692	Includes bundled transport to PECO CG
4	TETCO	SS-1	400120	5,512,157	78,114	28,333	Includes bundled transport to PECO CG
5	EGTS	GSS (A)	600032	3,326,029	34,020	18,478	Gas withdrawals Transported to PECO CG via TETCO FTS 7 and 8
6	EGTS	GSS (B)	300223	1,400,000	14,000	7,778	Transported to PECO CG via DTI and TETCO FT

PEAKING CAPACITY

The remaining one-third of PECO’s peak day supply comes from the operation of PECO’s LNG and propane-air peaking facilities and from delivered peaking services. PECO uses supply from Texas Eastern and Transco to fill its LNG peaking facility and purchases propane to fill its propane peaking facility. PECO supplements these peaking facilities with delivered peaking services from its suppliers to meet fluctuations in its peak day demand. These capacity assets are referred to as PECO’s “Tier II Balancing Assets.”

SUPPLY SOURCES

PECO adapts to the changing natural gas marketplace and, therefore, is always exploring opportunities to improve the methods by which it purchases gas, optimizes resources, and meets the needs of customers. Through the above-

mentioned resources, PECO meets its highest priority of providing safe and reliable gas supplies to the city gate at all times to meet its customers' firm demand.

Additionally, PECO regularly talks to and meets with representatives from pipeline and marketing companies to identify opportunities for enhancing existing services, increasing reliability and flexibility, and decreasing gas costs by entering into new contracts. Through the Company's Off-System Sales Program, PECO's Gas Supply and Transportation ("GS&T") group identifies opportunities to lower gas cost by optimizing available assets while, at the same time, ensuring reliability of supply and economic benefits to PECO and its customers. Seventy-five percent of the revenue generated via the program is returned to customers, which in turn, lowers the gas cost. Components of the program include capacity releases, off-system sales and Asset Management Agreements (AMAs). PECO is currently a party to four AMAs and was party to twelve such agreements during the 2023-24 PGC period. In an AMA, a third-party asset manager may manage a portion of PECO's storage and/or firm transportation contract entitlements.

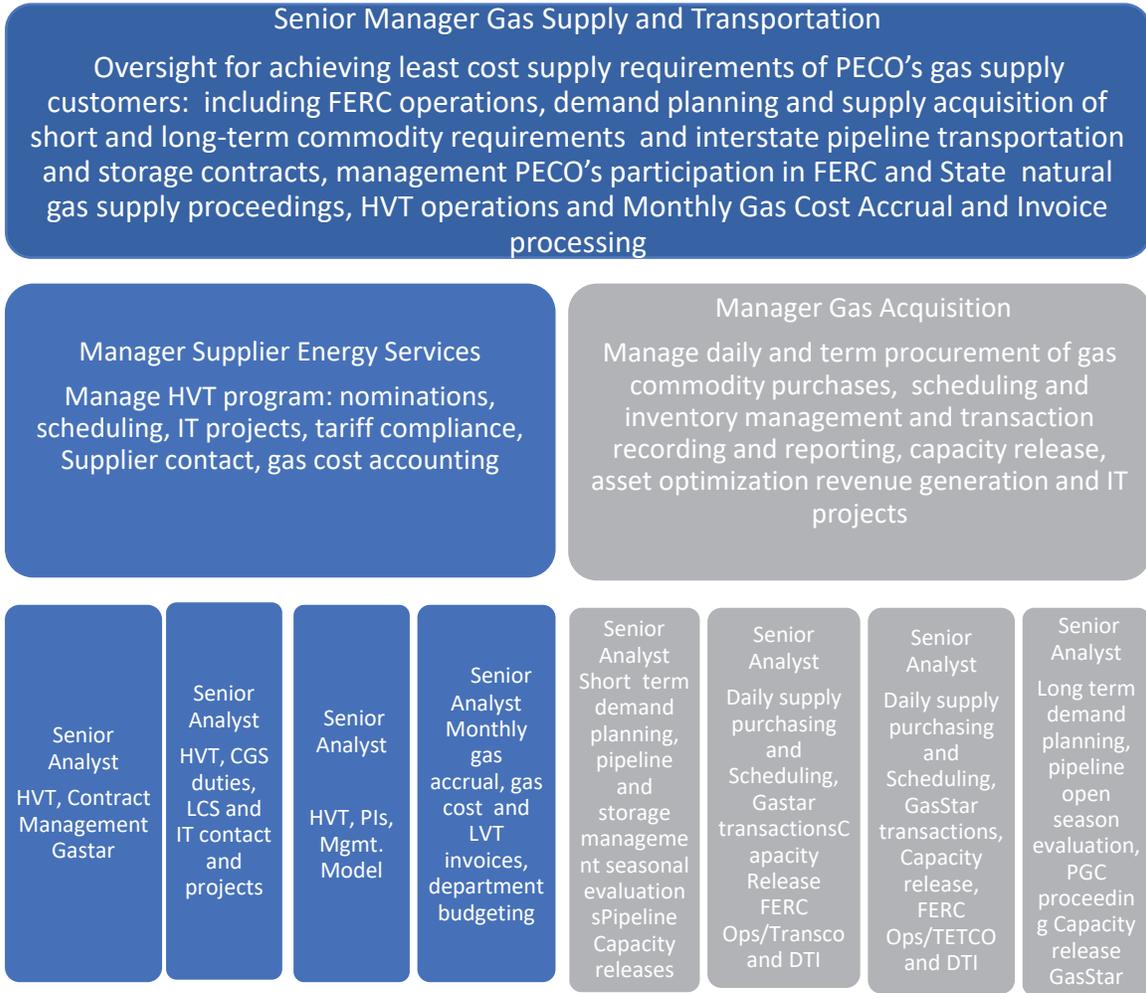
PRICING DIVERSITY

PECO's varied supply and capacity portfolio affords it purchasing flexibility while ensuring system reliability. The supply portfolio is diverse in its pricing options due to the following: (1) PECO's Commission-approved hedging program; (2) the amount of storage assets (filled during the summer months); (3) use of both first-of-month index and NYMEX-based pricing mixed with daily spot purchases; and (4) multiple geographic regions to obtain supply.

Before PECO enters into a transaction for the purchase of natural gas supply from a counterparty, the counterparty is subjected to a rigorous financial analysis performed by the Company's Risk Management Department. The Risk Management Department then sets the appropriate tenor limit for PECO's transactions with that counterparty. In addition, PECO will not purchase natural gas supply from a counterparty unless there has been a North American Energy Standards Board or Gas Industry Standards Board base contract executed with the counterparty. The performance language in the base contracts provides PECO with an industry-standard remedy to pursue should the suppliers fail to deliver in accordance with the agreement.

STAFFING AND EXPERTISE

The GS&T group continues to be comprised of a highly experienced staff. The following organizational chart illustrates the current structure of the department.



The GS&T group’s core responsibilities continue to include performing regulatory, end-user transportation, and gas-related supply and natural gas accounting functions, and now also includes the natural gas accounting functions.

The regulatory functions of the group are to monitor and actively participate in proceedings at the Federal Energy Regulatory Commission that could impact PECO’s service or cost of service to its gas customers. Additionally, through its participation in the American Gas Association and the Energy Association of Pennsylvania, the GS&T group is also actively involved in regulatory issues that impact PECO directly or indirectly through their effect on the national energy industry. Also, the GS&T group is responsible for obtaining all pipeline transportation and storage capacity necessary to satisfy PECO’s retail supply plans.

The end user transportation function of the GS&T group involves the management of PECO’s High Volume Transportation (“HVT”) Program. It is

responsible for the daily nominations, confirmations, and scheduling of gas supplies from third party natural gas suppliers and is responsible for administering all other elements of the program. This function also supports the Low Volume Transportation Program by confirming gas volumes for the program and by managing the capacity releases associated with the program.

The supply personnel in the GS&T group are responsible for long-term and short-term planning, gas purchases, capacity releases, contract administration, pipeline scheduling, and gas storage management. They are also responsible for the overall optimization of PECO's gas supply assets. PECO believes that to properly manage the gas supply function and make the best purchase decisions, it is critical that the knowledge of, and daily interactions pertaining to, the planning, control and use of its gas supply be well coordinated. Accordingly, the GS&T group works closely with PECO's Gas System Control and Gas Engineering Group. Finally, the GS&T group continues to be supported by other departments within the Company such as Legal, Retail Rates, Gas Operations, Finance, and Risk Management.

Table of Contents

PGC 41 - Section 9

<u>Pages</u>	<u>Section</u>
1	Summary of Asset Optimization and Capacity Release Revenue
2 - 13	Summary of Monthly Asset Optimization Revenue
14 - 25	Summary of Monthly Capacity Release Revenue
26	PGC 41 Capacity Release Revenue Summary

PECO Energy Company
Summary of Asset Optimization and Capacity Release Revenue

<u>Month</u>	<u>Total OSS Margin</u>	<u>25% Sharing Mechanism</u>	<u>75% Ratepayer Margin</u>	<u>Total Capacity Release Credits</u>	<u>25% Sharing Mechanism</u>	<u>75% Ratepayer Margin</u>	<u>Total OSS and Capacity Release Margin</u>	<u>25% Sharing Mechanism</u>	<u>75% Ratepayer Margin</u>
Apr-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,339,967.24	\$334,991.81	\$1,004,975.43	\$1,491,360.24	\$372,840.06	\$1,118,520.18
May-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,434,187.18	\$358,546.79	\$1,075,640.38	\$1,585,580.18	\$396,395.04	\$1,189,185.13
Jun-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,472,494.64	\$368,123.66	\$1,104,370.98	\$1,623,887.64	\$405,971.91	\$1,217,915.73
Jul-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,563,671.76	\$390,917.94	\$1,172,753.82	\$1,715,064.76	\$428,766.19	\$1,286,298.57
Aug-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,572,867.91	\$393,216.98	\$1,179,650.93	\$1,724,260.91	\$431,065.23	\$1,293,195.68
Sep-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,538,407.04	\$384,601.76	\$1,153,805.28	\$1,689,800.04	\$422,450.01	\$1,267,350.03
Oct-23	\$151,393.00	\$37,848.25	\$113,544.75	\$1,532,692.53	\$383,173.13	\$1,149,519.40	\$1,684,085.53	\$421,021.38	\$1,263,064.15
Nov-23	\$1,921,747.83	\$480,436.96	\$1,441,310.87	\$773,637.80	\$193,409.45	\$580,228.35	\$2,695,385.63	\$673,846.41	\$2,021,539.22
Dec-23	\$1,959,424.16	\$489,856.04	\$1,469,568.12	\$824,037.40	\$206,009.35	\$618,028.05	\$2,783,461.56	\$695,865.39	\$2,087,596.17
Jan-24	\$2,303,061.46	\$575,765.37	\$1,727,296.10	\$861,175.04	\$215,293.76	\$645,881.28	\$3,164,236.50	\$791,059.13	\$2,373,177.38
Feb-24	\$2,040,108.50	\$510,027.12	\$1,530,081.37	\$799,610.62	\$199,902.66	\$599,707.97	\$2,839,719.12	\$709,929.78	\$2,129,789.34
Mar-24	\$1,997,856.67	\$499,464.17	\$1,498,392.50	\$814,834.38	\$203,708.60	\$611,125.79	\$2,812,691.05	\$703,172.76	\$2,109,518.29
	\$11,281,949.62	\$2,820,487.41	\$8,461,462.22	\$14,527,583.52	\$3,631,895.88	\$10,895,687.64	\$25,809,533.14	\$6,452,383.29	\$19,357,149.86

**PECO ENERGY CO.
SUMMARY OF CAPACITY RELEASE REVENUE**

Apr-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Apr-23	TR	130133201	Z1-Z4	1003693	30	15,000	\$202,500.00	0.450000	13.6875	\$50,625.00
Apr-23	TR	130133501	Z2-Z4	1003693	30	24,000	\$187,200.00	0.260000	7.9083333	\$46,800.00
Apr-23	TR	130133601	Z4 - Z6	1003693	30	10,000	\$51,300.00	0.171000	5.20125	\$12,825.00
Apr-23	TR	130134204	Z4 - Z6	1003693	30	60,000	\$333,000.00	0.185000	5.6270833	\$83,250.00
Apr-23	TR	130134301	ST62-65	1003693	30	30,000	\$11,250.00	0.012500	0.3802083	\$2,812.50
Apr-23	TE	117841	M2-M3	911740	30	14,000	\$14,700.00	0.035000	1.0645833	\$3,675.00
Apr-23	TE	117842	M2-M3	800503	30	29,210	\$280,416.00	0.320000	9.7333333	\$70,104.00
Apr-23	TE	117856	STX-ETX	800407	30	5,321	\$7,582.43	0.047500	1.4447917	\$1,895.61
Apr-23	TE	117857/118474	STX-WLA	800407	30	8,414	\$35,591.22	0.141000	4.28875	\$8,897.81
Apr-23	TE	117854	ETX-M1	800407	30	6,494	\$3,117.12	0.016000	0.4866667	\$779.28
Apr-23	TE	117855	WLA-ELA	800407	30	21,139	\$19,659.27	0.031000	0.9429167	\$4,914.82
Apr-23	TE	117853	M1-M2	800407	30	12,600	\$13,986.00	0.037000	1.1254167	\$3,496.50
Apr-23	TE	117868	ELA-M1	800407	30	5,000	\$2,250.00	0.015000	0.45625	\$562.50
Apr-23	TE	117852	STX-ETX	800231	30	3,778	\$5,383.65	0.047500	1.4447917	\$1,345.91
Apr-23	TE	117851	STX-WLA	800231	30	5,975	\$25,274.25	0.141000	4.28875	\$6,318.56
Apr-23	TE	117850	ETX-M1	800231	30	4,619	\$4,295.67	0.031000	0.9429167	\$1,073.92
Apr-23	TE	117849	WLA-ELA	800231	30	15,012	\$13,961.16	0.031000	0.9429167	\$3,490.29
Apr-23	TE	117848	M1-M2	800231	30	25,253	\$25,000.47	0.033000	1.00375	\$6,250.12
Apr-23	TE	118453	M2-M3	800231	27	35,000	\$94,500.00	0.100000	3.0416667	\$23,625.00
Apr-23	TE	117867	ELA-M1	800231	30	20,000	\$9,000.00	0.015000	0.45625	\$2,250.00
Totals						350,815	\$1,339,967.24			\$334,991.81

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

May-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
May-23	TR	130133201	Z1-Z4	1003693	31	15,000	\$209,250.00	0.450000	13.6875	\$52,312.50
May-23	TR	130133501	Z2-Z4	1003693	31	24,000	\$193,440.00	0.260000	7.9083333	\$48,360.00
May-23	TR	130133601	Z4 - Z6	1003693	31	10,000	\$53,010.00	0.171000	5.20125	\$13,252.50
May-23	TR	130134204	Z4 - Z6	1003693	31	60,000	\$344,100.00	0.185000	5.6270833	\$86,025.00
May-23	TR	130134301	ST62-65	1003693	31	30,000	\$11,625.00	0.012500	0.3802083	\$2,906.25
May-23	TE	117841	M2-M3	911740	31	14,000	\$15,190.00	0.035000	1.0645833	\$3,797.50
May-23	TE	117842	M2-M3	800503	31	29,210	\$289,763.20	0.320000	9.7333333	\$72,440.80
May-23	TE	117856	STX-ETX	800407	31	5,321	\$7,835.17	0.047500	1.4447917	\$1,958.79
May-23	TE	118474	STX-WLA	800407	31	8,414	\$36,777.59	0.141000	4.28875	\$9,194.40
May-23	TE	117854	ETX-M1	800407	31	6,494	\$3,221.02	0.016000	0.4866667	\$805.26
May-23	TE	117855	WLA-ELA	800407	31	21,139	\$20,314.58	0.031000	0.9429167	\$5,078.64
May-23	TE	117853	M1-M2	800407	31	12,600	\$14,452.20	0.037000	1.1254167	\$3,613.05
May-23	TE	117868	ELA-M1	800407	31	5,000	\$2,325.00	0.015000	0.45625	\$581.25
May-23	TE	117852	STX-ETX	800231	31	3,778	\$5,563.11	0.047500	1.4447917	\$1,390.78
May-23	TE	117851	STX-WLA	800231	31	5,975	\$26,116.73	0.141000	4.28875	\$6,529.18
May-23	TE	117850	ETX-M1	800231	31	4,619	\$4,438.86	0.031000	0.9429167	\$1,109.71
May-23	TE	117849	WLA-ELA	800231	31	15,012	\$14,426.53	0.031000	0.9429167	\$3,606.63
May-23	TE	117848	M1-M2	800231	31	25,253	\$25,833.82	0.033000	1.00375	\$6,458.45
May-23	TE	118453	M2-M3	800231	31	35,000	\$108,500.00	0.100000	3.0416667	\$27,125.00
May-23	TE	117867	ELA-M1	800231	31	20,000	\$9,300.00	0.015000	0.45625	\$2,325.00
May-23	TR	130352501	Z4 - Z6	1003693	31	10,000	\$12,400.00	0.040000	1.2166667	\$3,100.00
May-23	TR	130352603	Z1-Z4	1003693	31	4,688	\$26,304.37	0.181000	5.5054167	\$6,576.09

Totals 365,503 \$1,434,187.18 \$358,546.79

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Jun-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Jun-23	TR	130133201	Z1-Z4	1003693	30	15,000	\$202,500.00	0.450000	13.6875	\$50,625.00
Jun-23	TR	130133501	Z2-Z4	1003693	30	24,000	\$187,200.00	0.260000	7.9083333	\$46,800.00
Jun-23	TR	130133601	Z4 - Z6	1003693	30	10,000	\$51,300.00	0.171000	5.20125	\$12,825.00
Jun-23	TR	130134204	Z4 - Z6	1003693	30	60,000	\$333,000.00	0.185000	5.6270833	\$83,250.00
Jun-23	TR	130134301	ST62-65	1003693	30	30,000	\$11,250.00	0.012500	0.3802083	\$2,812.50
Jun-23	TE	117841	M2-M3	911740	30	14,000	\$14,700.00	0.035000	1.0645833	\$3,675.00
Jun-23	TE	117842	M2-M3	800503	30	29,210	\$280,416.00	0.320000	9.7333333	\$70,104.00
Jun-23	TE	117856	STX-ETX	800407	30	5,321	\$7,582.43	0.047500	1.4447917	\$1,895.61
Jun-23	TE	118474	STX-WLA	800407	30	8,414	\$35,591.22	0.141000	4.28875	\$8,897.81
Jun-23	TE	117854	ETX-M1	800407	30	6,494	\$3,117.12	0.016000	0.4866667	\$779.28
Jun-23	TE	117855	WLA-ELA	800407	30	21,139	\$19,659.27	0.031000	0.9429167	\$4,914.82
Jun-23	TE	117853	M1-M2	800407	30	12,600	\$13,986.00	0.037000	1.1254167	\$3,496.50
Jun-23	TE	117868	ELA-M1	800407	30	5,000	\$2,250.00	0.015000	0.45625	\$562.50
Jun-23	TE	117852	STX-ETX	800231	30	3,778	\$5,383.65	0.047500	1.4447917	\$1,345.91
Jun-23	TE	117851	STX-WLA	800231	30	5,975	\$25,274.25	0.141000	4.28875	\$6,318.56
Jun-23	TE	117850	ETX-M1	800231	30	4,619	\$4,295.67	0.031000	0.9429167	\$1,073.92
Jun-23	TE	117849	WLA-ELA	800231	30	15,012	\$13,961.16	0.031000	0.9429167	\$3,490.29
Jun-23	TE	117848	M1-M2	800231	30	25,253	\$25,000.47	0.033000	1.00375	\$6,250.12
Jun-23	TE	118453	M2-M3	800231	30	35,000	\$105,000.00	0.100000	3.0416667	\$26,250.00
Jun-23	TE	117867	ELA-M1	800231	30	20,000	\$9,000.00	0.015000	0.45625	\$2,250.00
Jun-23	TE	119353	M2-M3	800407	30	20,000	\$30,000.00	0.050000	1.5208333	\$7,500.00
Jun-23	TR	130426801	Z4 - Z6	1003693	30	20,000	\$60,000.00	0.100000	3.0416667	\$15,000.00
Jun-23	TR	130437401	Z1-Z4	1003693	30	4,595	\$24,813.00	0.180000	5.475	\$6,203.25
Jun-23	TR	130427303	Z2-Z4	1003693	30	4,800	\$7,214.40	0.050100	1.523875	\$1,803.60
Totals						400,210	\$1,472,494.64			\$368,123.66

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Jul-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Jul-23	TR	130133201	Z1-Z4	1003693	31	15,000	\$209,250.00	0.450000	13.6875	\$52,312.50
Jul-23	TR	130133501	Z2-Z4	1003693	31	24,000	\$193,440.00	0.260000	7.9083333	\$48,360.00
Jul-23	TR	130133601	Z4 - Z6	1003693	31	10,000	\$53,010.00	0.171000	5.20125	\$13,252.50
Jul-23	TR	130134204	Z4 - Z6	1003693	31	60,000	\$344,100.00	0.185000	5.6270833	\$86,025.00
Jul-23	TR	130134301	ST62-65	1003693	31	30,000	\$11,625.00	0.012500	0.3802083	\$2,906.25
Jul-23	TE	117841	M2-M3	911740	31	14,000	\$15,190.00	0.035000	1.0645833	\$3,797.50
Jul-23	TE	117842	M2-M3	800503	31	29,210	\$289,763.20	0.320000	9.7333333	\$72,440.80
Jul-23	TE	117856	STX-ETX	800407	31	5,321	\$7,835.17	0.047500	1.4447917	\$1,958.79
Jul-23	TE	118474	STX-WLA	800407	31	8,414	\$36,777.59	0.141000	4.28875	\$9,194.40
Jul-23	TE	117854	ETX-M1	800407	31	6,494	\$3,221.02	0.016000	0.4866667	\$805.26
Jul-23	TE	117855	WLA-ELA	800407	31	21,139	\$20,314.58	0.031000	0.9429167	\$5,078.64
Jul-23	TE	117853	M1-M2	800407	31	12,600	\$14,452.20	0.037000	1.1254167	\$3,613.05
Jul-23	TE	117868	ELA-M1	800407	31	5,000	\$2,325.00	0.015000	0.45625	\$581.25
Jul-23	TE	117852	STX-ETX	800231	31	3,778	\$5,563.11	0.047500	1.4447917	\$1,390.78
Jul-23	TE	117851	STX-WLA	800231	31	5,975	\$26,116.73	0.141000	4.28875	\$6,529.18
Jul-23	TE	117850	ETX-M1	800231	31	4,619	\$4,438.86	0.031000	0.9429167	\$1,109.71
Jul-23	TE	117849	WLA-ELA	800231	31	15,012	\$14,426.53	0.031000	0.9429167	\$3,606.63
Jul-23	TE	117848	M1-M2	800231	31	25,253	\$25,833.82	0.033000	1.00375	\$6,458.45
Jul-23	TE	118453	M2-M3	800231	31	35,000	\$108,500.00	0.100000	3.0416667	\$27,125.00
Jul-23	TE	117867	ELA-M1	800231	31	20,000	\$9,300.00	0.015000	0.45625	\$2,325.00
Jul-23	TE	119353	M2-M3	800407	31	20,000	\$31,000.00	0.050000	1.5208333	\$7,750.00
Jul-23	TR	130426801	Z4 - Z6	1003693	31	20,000	\$62,000.00	0.100000	3.0416667	\$15,500.00
Jul-23	TR	130516701	Z1-Z4	1003693	31	4,500	\$35,014.50	0.251000	7.6345833	\$8,753.63
Jul-23	TR	130516801	Z2-Z4	1003693	31	4,700	\$22,000.70	0.151000	4.5929167	\$5,500.18
Jul-23	TR	130516904	Z3-Z4	1003693	31	25,000	\$18,173.75	0.023450	0.7132708	\$4,543.44

Totals 425,015 \$1,563,671.76 \$390,917.94

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Aug-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Aug-23	TR	130133201	Z1-Z4	1003693	31	15,000	\$209,250.00	0.450000	13.6875	\$52,312.50
Aug-23	TR	130133501	Z2-Z4	1003693	31	24,000	\$193,440.00	0.260000	7.9083333	\$48,360.00
Aug-23	TR	130133601	Z4 - Z6	1003693	31	10,000	\$53,010.00	0.171000	5.20125	\$13,252.50
Aug-23	TR	130134204	Z4 - Z6	1003693	31	60,000	\$344,100.00	0.185000	5.6270833	\$86,025.00
Aug-23	TR	130134301	ST62-65	1003693	31	30,000	\$11,625.00	0.012500	0.3802083	\$2,906.25
Aug-23	TE	117841	M2-M3	911740	31	14,000	\$15,190.00	0.035000	1.0645833	\$3,797.50
Aug-23	TE	117842	M2-M3	800503	31	29,210	\$289,763.20	0.320000	9.7333333	\$72,440.80
Aug-23	TE	117856	STX-ETX	800407	31	5,321	\$7,835.17	0.047500	1.4447917	\$1,958.79
Aug-23	TE	118474	STX-WLA	800407	31	8,414	\$36,777.59	0.141000	4.28875	\$9,194.40
Aug-23	TE	117854	ETX-M1	800407	31	6,494	\$3,221.02	0.016000	0.4866667	\$805.26
Aug-23	TE	117855	WLA-ELA	800407	31	21,139	\$20,314.58	0.031000	0.9429167	\$5,078.64
Aug-23	TE	117853	M1-M2	800407	31	12,600	\$14,452.20	0.037000	1.1254167	\$3,613.05
Aug-23	TE	117868	ELA-M1	800407	31	5,000	\$2,325.00	0.015000	0.45625	\$581.25
Aug-23	TE	117852	STX-ETX	800231	31	3,778	\$5,563.11	0.047500	1.4447917	\$1,390.78
Aug-23	TE	117851	STX-WLA	800231	31	5,975	\$26,116.73	0.141000	4.28875	\$6,529.18
Aug-23	TE	117850	ETX-M1	800231	31	4,619	\$4,438.86	0.031000	0.9429167	\$1,109.71
Aug-23	TE	117849	WLA-ELA	800231	31	15,012	\$14,426.53	0.031000	0.9429167	\$3,606.63
Aug-23	TE	117848	M1-M2	800231	31	25,253	\$25,833.82	0.033000	1.00375	\$6,458.45
Aug-23	TE	118453	M2-M3	800231	31	35,000	\$108,500.00	0.100000	3.0416667	\$27,125.00
Aug-23	TE	117867	ELA-M1	800231	31	20,000	\$9,300.00	0.015000	0.45625	\$2,325.00
Aug-23	TE	119353	M2-M3	800407	31	20,000	\$31,000.00	0.050000	1.5208333	\$7,750.00
Aug-23	TR	130426801	Z4 - Z6	1003693	31	20,000	\$62,000.00	0.100000	3.0416667	\$15,500.00
Aug-23	TR	130599201	Z1-Z4	1003693	31	4,320	\$40,176.00	0.300000	9.125	\$10,044.00
Aug-23	TR	130599304	Z2-Z4	1003693	31	4,410	\$28,709.10	0.210000	6.3875	\$7,177.28
Aug-23	TR	130599401	Z3-Z4	1003693	31	25,000	\$15,500.00	0.020000	0.6083333	\$3,875.00

Totals 424,545 \$1,572,867.91 \$393,216.98

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Sep-23										
M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Sep-23	TR	130133201	Z1-Z4	1003693	30	15,000	\$202,500.00	0.450000	13.6875	\$50,625.00
Sep-23	TR	130133501	Z2-Z4	1003693	30	24,000	\$187,200.00	0.260000	7.9083333	\$46,800.00
Sep-23	TR	130133601	Z4 - Z6	1003693	30	10,000	\$51,300.00	0.171000	5.20125	\$12,825.00
Sep-23	TR	130134204	Z4 - Z6	1003693	30	60,000	\$333,000.00	0.185000	5.6270833	\$83,250.00
Sep-23	TR	130134301	ST62-65	1003693	30	30,000	\$11,250.00	0.012500	0.3802083	\$2,812.50
Sep-23	TE	117841	M2-M3	911740	30	14,000	\$14,700.00	0.035000	1.0645833	\$3,675.00
Sep-23	TE	117842	M2-M3	800503	30	29,210	\$280,416.00	0.320000	9.7333333	\$70,104.00
Sep-23	TE	117856	STX-ETX	800407	30	5,321	\$7,582.43	0.047500	1.4447917	\$1,895.61
Sep-23	TE	118474	STX-WLA	800407	30	8,414	\$35,591.22	0.141000	4.28875	\$8,897.81
Sep-23	TE	117854	ETX-M1	800407	30	6,494	\$3,117.12	0.016000	0.4866667	\$779.28
Sep-23	TE	117855	WLA-ELA	800407	30	21,139	\$19,659.27	0.031000	0.9429167	\$4,914.82
Sep-23	TE	117853	M1-M2	800407	30	12,600	\$13,986.00	0.037000	1.1254167	\$3,496.50
Sep-23	TE	117868	ELA-M1	800407	30	5,000	\$2,250.00	0.015000	0.45625	\$562.50
Sep-23	TE	117852	STX-ETX	800231	30	3,778	\$5,383.65	0.047500	1.4447917	\$1,345.91
Sep-23	TE	117851	STX-WLA	800231	30	5,975	\$25,274.25	0.141000	4.28875	\$6,318.56
Sep-23	TE	117850	ETX-M1	800231	30	4,619	\$4,295.67	0.031000	0.9429167	\$1,073.92
Sep-23	TE	117849	WLA-ELA	800231	30	15,012	\$13,961.16	0.031000	0.9429167	\$3,490.29
Sep-23	TE	117848	M1-M2	800231	30	25,253	\$25,000.47	0.033000	1.00375	\$6,250.12
Sep-23	TE	118453	M2-M3	800231	30	35,000	\$105,000.00	0.100000	3.0416667	\$26,250.00
Sep-23	TE	117867	ELA-M1	800231	30	20,000	\$9,000.00	0.015000	0.45625	\$2,250.00
Sep-23	TE	119353	M2-M3	800407	30	20,000	\$30,000.00	0.050000	1.5208333	\$7,500.00
Sep-23	TR	130426801	Z4 - Z6	1003693	30	20,000	\$60,000.00	0.100000	3.0416667	\$15,000.00
Sep-23	TR	130689001	Z1-Z4	1003693	30	4,296	\$38,664.00	0.300000	9.125	\$9,666.00
Sep-23	TR	130689101	Z2-Z4	1003693	30	4,377	\$23,635.80	0.180000	5.475	\$5,908.95
Sep-23	TR	130689203	Z3-Z4	1003693	30	33,000	\$35,640.00	0.036000	1.095	\$8,910.00

Totals 432,488 \$1,538,407.04 \$384,601.76

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Oct-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Oct-23	TR	130133201	Z1-Z4	1003693	31	15,000	\$209,250.00	0.450000	13.6875	\$52,312.50
Oct-23	TR	130133501	Z2-Z4	1003693	31	24,000	\$193,440.00	0.260000	7.9083333	\$48,360.00
Oct-23	TR	130133601	Z4 - Z6	1003693	31	10,000	\$53,010.00	0.171000	5.20125	\$13,252.50
Oct-23	TR	130134204	Z4 - Z6	1003693	31	60,000	\$344,100.00	0.185000	5.6270833	\$86,025.00
Oct-23	TR	130134301	ST62-65	1003693	31	30,000	\$11,625.00	0.012500	0.3802083	\$2,906.25
Oct-23	TE	117841	M2-M3	911740	31	14,000	\$15,190.00	0.035000	1.0645833	\$3,797.50
Oct-23	TE	117842	M2-M3	800503	31	29,210	\$289,763.20	0.320000	9.7333333	\$72,440.80
Oct-23	TE	117856	STX-ETX	800407	31	5,321	\$7,835.17	0.047500	1.4447917	\$1,958.79
Oct-23	TE	118474	STX-WLA	800407	31	8,414	\$36,777.59	0.141000	4.28875	\$9,194.40
Oct-23	TE	117854	ETX-M1	800407	31	6,494	\$3,221.02	0.016000	0.4866667	\$805.26
Oct-23	TE	117855	WLA-ELA	800407	31	21,139	\$20,314.58	0.031000	0.9429167	\$5,078.64
Oct-23	TE	117853	M1-M2	800407	31	12,600	\$14,452.20	0.037000	1.1254167	\$3,613.05
Oct-23	TE	117868	ELA-M1	800407	31	5,000	\$2,325.00	0.015000	0.45625	\$581.25
Oct-23	TE	117852	STX-ETX	800231	31	3,778	\$5,563.11	0.047500	1.4447917	\$1,390.78
Oct-23	TE	117851	STX-WLA	800231	31	5,975	\$26,116.73	0.141000	4.28875	\$6,529.18
Oct-23	TE	117850	ETX-M1	800231	31	4,619	\$4,438.86	0.031000	0.9429167	\$1,109.71
Oct-23	TE	117849	WLA-ELA	800231	31	15,012	\$14,426.53	0.031000	0.9429167	\$3,606.63
Oct-23	TE	117848	M1-M2	800231	31	25,253	\$25,833.82	0.033000	1.00375	\$6,458.45
Oct-23	TE	118453	M2-M3	800231	31	35,000	\$108,500.00	0.100000	3.0416667	\$27,125.00
Oct-23	TE	117867	ELA-M1	800231	31	20,000	\$9,300.00	0.015000	0.45625	\$2,325.00
Oct-23	TR	130426801	Z4 - Z6	1003693	31	20,000	\$62,000.00	0.100000	3.0416667	\$15,500.00
Oct-23	TR	130769201	Z1-Z4	1003693	31	4,240	\$46,004.00	0.350000	10.645833	\$11,501.00
Oct-23	TR	130769301	Z2-Z4	1003693	31	4,295	\$15,977.40	0.120000	3.65	\$3,994.35
Oct-23	TR	130769401	Z3-Z4	1003693	31	33,000	\$11,253.00	0.011000	0.3345833	\$2,813.25
Oct-23	TR	130844101	Z6-Z6 REA	9276048	6	32,922	\$1,975.32	0.010000	0.3041667	\$493.83

Totals 445,272 \$1,532,692.53 \$383,173.13

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Nov-23										
M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Nov-23	TE	120658	STX-WLA	800407	30	8,404	\$22,690.80	0.090000	2.7375	\$5,672.70
Nov-23	TE	120657	STX-WLA	800231	30	5,975	\$16,132.50	0.090000	2.7375	\$4,033.13
Nov-23	TE	120658	WLA-ELA	800407	30	21,129	\$57,048.30	0.090000	2.7375	\$14,262.08
Nov-23	TE	120657	WLA-ELA	800231	30	15,012	\$40,532.40	0.090000	2.7375	\$10,133.10
Nov-23	TE	120586	ETX-M1	800231	30	4,619	\$4,849.95	0.035000	1.0645833	\$1,212.49
Nov-23	TE	120584	STX-ETX	800231	30	3,778	\$5,780.34	0.051000	1.55125	\$1,445.09
Nov-23	TE	120580	STX-ETX	800407	30	5,331	\$8,156.43	0.051000	1.55125	\$2,039.11
Nov-23	TE	120580	ETX-M1(Logg)	800407	30	9,206	\$4,004.61	0.014500	0.4410417	\$1,001.15
Nov-23	TE	120580	STX-WLA	800407	30	10	\$3.00	0.010000	0.3041667	\$0.75
Nov-23	TE	120580	WLA-ELA	800407	30	10	\$3.00	0.010000	0.3041667	\$0.75
Nov-23	TE	121756	ELA-M1	800231	30	5,000	\$7,650.00	0.051000	1.55125	\$1,912.50
Nov-23	TE	121749	ELA-M1	800231	30	20,071	\$29,504.37	0.049000	1.4904167	\$7,376.09
Nov-23	TE	121747	M1-M2	800231	30	20,253	\$18,227.70	0.030000	0.9125	\$4,556.93
Nov-23	TE	121748	M1-M2	800231	2	10,000	\$860.00	0.043000	1.3079167	\$215.00
Nov-23	TR	130792205	Z1-Z4	1003693	30	15,000	\$203,850.00	0.453000	13.77875	\$50,962.50
Nov-23	TR	130792401	Z2-Z4	1003693	30	25,000	\$191,250.00	0.255000	7.75625	\$47,812.50
Nov-23	TR	130792501	Z4-Z4	1003693	30	25,000	\$30,000.00	0.040000	1.2166667	\$7,500.00
Nov-23	TR	130792603	Z6-Z6	1003693	30	50,000	\$41,250.00	0.027500	0.8364583	\$10,312.50
Nov-23	TR	130792701	Z6-Z6	1003693	30	20,000	\$13,800.00	0.023000	0.6995833	\$3,450.00
Nov-23	TR	130801701	ST62-65	1003693	30	12,500	\$7,500.00	0.020000	0.6083333	\$1,875.00
Nov-23	TR	130794301	ST62-65	1003693	30	15,000	\$1,125.00	0.002500	0.0760417	\$281.25
Nov-23	TR	130799103	Z6-Z6	1003693	30	10,000	\$9,000.00	0.030000	0.9125	\$2,250.00
Nov-23	TR	130921403	Z1-Z4	1003693	30	4,694	\$52,103.40	0.370000	11.254167	\$13,025.85
Nov-23	TR	130921507	Z2-Z4	1003693	30	3,960	\$8,316.00	0.070000	2.1291667	\$2,079.00

Totals 309,952 \$773,637.80 \$193,409.45

**PECO ENERGY CO.
SUMMARY OF CAPACITY RELEASE REVENUE**

Dec-23 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Dec-23	TE	120658	STX-WLA	800407	31	8,404	\$23,447.16	0.090000	2.7375	\$5,861.79
Dec-23	TE	120657	STX-WLA	800231	31	5,975	\$16,670.25	0.090000	2.7375	\$4,167.56
Dec-23	TE	120658	WLA-ELA	800407	31	21,129	\$58,949.91	0.090000	2.7375	\$14,737.48
Dec-23	TE	120657	WLA-ELA	800231	31	15,012	\$41,883.48	0.090000	2.7375	\$10,470.87
Dec-23	TE	120586	ETX-M1	800231	31	4,619	\$5,011.62	0.035000	1.0645833	\$1,252.90
Dec-23	TE	120584	STX-ETX	800231	31	3,778	\$5,973.02	0.051000	1.55125	\$1,493.25
Dec-23	TE	120580	STX-ETX	800407	31	5,331	\$8,428.31	0.051000	1.55125	\$2,107.08
Dec-23	TE	120580	ETX-M1/Logg)	800407	31	9,206	\$4,138.10	0.014500	0.4410417	\$1,034.52
Dec-23	TE	120580	STX-WLA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Dec-23	TE	120580	WLA-ELA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Dec-23	TE	121756	ELA-M1	800231	31	5,000	\$7,905.00	0.051000	1.55125	\$1,976.25
Dec-23	TE	121749	ELA-M1	800231	31	20,071	\$30,487.85	0.049000	1.4904167	\$7,621.96
Dec-23	TE	121747	M1-M2	800231	31	20,253	\$18,835.29	0.030000	0.9125	\$4,708.82
Dec-23	TR	130792205	Z1-Z4	1003693	31	15,000	\$210,645.00	0.453000	13.77875	\$52,661.25
Dec-23	TR	130792401	Z2-Z4	1003693	31	25,000	\$197,625.00	0.255000	7.75625	\$49,406.25
Dec-23	TR	130792501	Z4-Z4	1003693	31	25,000	\$31,000.00	0.040000	1.2166667	\$7,750.00
Dec-23	TR	130792603	Z6-Z6	1003693	31	50,000	\$42,625.00	0.027500	0.8364583	\$10,656.25
Dec-23	TR	130792701	Z6-Z6	1003693	31	20,000	\$14,260.00	0.023000	0.6995833	\$3,565.00
Dec-23	TR	130801701	ST62-65	1003693	31	12,500	\$7,750.00	0.020000	0.6083333	\$1,937.50
Dec-23	TR	130794301	ST62-65	1003693	31	15,000	\$1,162.50	0.002500	0.0760417	\$290.63
Dec-23	TR	130799103	Z6-Z6	1003693	31	10,000	\$9,300.00	0.030000	0.9125	\$2,325.00
Dec-23	TE	123027	M1-M2	800231	31	10,000	\$6,200.00	0.020000	0.6083333	\$1,550.00
Dec-23	TR	131009501	Z1-Z4	1003693	31	4,670	\$53,564.90	0.370000	11.254167	\$13,391.23
Dec-23	TR	131009605	Z2-Z4	1003693	31	3,920	\$14,703.92	0.121000	3.6804167	\$3,675.98
Dec-23	TR	131009705	Z3-Z4	1003693	31	4,300	\$7,331.50	0.055000	1.6729167	\$1,832.88
Dec-23	TR	131015101	Z1-Z4	1005000	26	774	\$1,609.92	0.080000	2.4333333	\$402.48
Dec-23	TR	131015901	Z2-Z4	1005000	26	1,139	\$1,776.84	0.060000	1.825	\$444.21
Dec-23	TR	131016001	Z3-Z4	1005000	26	2,641	\$2,746.64	0.040000	1.2166667	\$686.66
Totals						318,742	\$824,037.40			\$206,009.35

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Jan-24 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Jan-24	TE	120658	STX-WLA	800407	31	8,404	\$23,447.16	0.090000	2.7375	\$5,861.79
Jan-24	TE	120657	STX-WLA	800231	31	5,975	\$16,670.25	0.090000	2.7375	\$4,167.56
Jan-24	TE	120658	WLA-ELA	800407	31	21,129	\$58,949.91	0.090000	2.7375	\$14,737.48
Jan-24	TE	120657	WLA-ELA	800231	31	15,012	\$41,883.48	0.090000	2.7375	\$10,470.87
Jan-24	TE	120586	ETX-M1	800231	31	4,619	\$5,011.62	0.035000	1.0645833	\$1,252.90
Jan-24	TE	120584	STX-ETX	800231	31	3,778	\$5,973.02	0.051000	1.55125	\$1,493.25
Jan-24	TE	120580	STX-ETX	800407	31	5,331	\$8,428.31	0.051000	1.55125	\$2,107.08
Jan-24	TE	120580	ETX-M1/Loggy	800407	31	9,206	\$4,138.10	0.014500	0.4410417	\$1,034.52
Jan-24	TE	120580	STX-WLA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Jan-24	TE	120580	WLA-ELA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Jan-24	TE	121756	ELA-M1	800231	31	5,000	\$7,905.00	0.051000	1.55125	\$1,976.25
Jan-24	TE	121749	ELA-M1	800231	31	20,071	\$30,487.85	0.049000	1.4904167	\$7,621.96
Jan-24	TE	121747	M1-M2	800231	31	20,253	\$18,835.29	0.030000	0.9125	\$4,708.82
Jan-24	TR	130792205	Z1-Z4	1003693	31	15,000	\$210,645.00	0.453000	13.77875	\$52,661.25
Jan-24	TR	130792401	Z2-Z4	1003693	31	25,000	\$197,625.00	0.255000	7.75625	\$49,406.25
Jan-24	TR	130792501	Z4-Z4	1003693	31	25,000	\$31,000.00	0.040000	1.2166667	\$7,750.00
Jan-24	TR	130792603	Z6-Z6	1003693	31	50,000	\$42,625.00	0.027500	0.8364583	\$10,656.25
Jan-24	TR	130792701	Z6-Z6	1003693	31	20,000	\$14,260.00	0.023000	0.6995833	\$3,565.00
Jan-24	TR	130801701	ST62-65	1003693	31	12,500	\$7,750.00	0.020000	0.6083333	\$1,937.50
Jan-24	TR	130794301	ST62-65	1003693	31	15,000	\$1,162.50	0.002500	0.0760417	\$290.63
Jan-24	TR	130799103	Z6-Z6	1003693	31	10,000	\$9,300.00	0.030000	0.9125	\$2,325.00
Jan-24	TE	123027	M1-M2	800231	31	10,000	\$6,200.00	0.020000	0.6083333	\$1,550.00
Jan-24	TR	131015101	Z1-Z4	1005000	31	774	\$1,919.52	0.080000	2.4333333	\$479.88
Jan-24	TR	131015901	Z2-Z4	1005000	31	1,139	\$2,118.54	0.060000	1.825	\$529.64
Jan-24	TR	131016001	Z3-Z4	1005000	31	2,641	\$3,274.84	0.040000	1.2166667	\$818.71
Jan-24	TR	131092403	Z1-Z4	1003693	31	4,660	\$65,151.46	0.451000	13.717917	\$16,287.87
Jan-24	TR	131092501	Z2-Z4	1003693	31	3,920	\$27,342.00	0.225000	6.84375	\$6,835.50
Jan-24	TR	131092603	Z3-Z4	1003693	31	8,200	\$19,065.00	0.075000	2.28125	\$4,766.25
Totals						322,632	\$861,175.04			\$215,293.76

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Feb-24 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Feb-24	TE	120658	STX-WLA	800407	29	8,404	\$21,934.44	0.090000	2.7375	\$5,483.61
Feb-24	TE	120657	STX-WLA	800231	29	5,975	\$15,594.75	0.090000	2.7375	\$3,898.69
Feb-24	TE	120658	WLA-ELA	800407	29	21,129	\$55,146.69	0.090000	2.7375	\$13,786.67
Feb-24	TE	120657	WLA-ELA	800231	29	15,012	\$39,181.32	0.090000	2.7375	\$9,795.33
Feb-24	TE	120586	ETX-M1	800231	29	4,619	\$4,688.29	0.035000	1.0645833	\$1,172.07
Feb-24	TE	120584	STX-ETX	800231	29	3,778	\$5,587.66	0.051000	1.55125	\$1,396.92
Feb-24	TE	120580	STX-ETX	800407	29	5,331	\$7,884.55	0.051000	1.55125	\$1,971.14
Feb-24	TE	120580	ETX-M1/Logg	800407	29	9,206	\$3,871.12	0.014500	0.4410417	\$967.78
Feb-24	TE	120580	STX-WLA	800407	29	10	\$2.90	0.010000	0.3041667	\$0.73
Feb-24	TE	120580	WLA-ELA	800407	29	10	\$2.90	0.010000	0.3041667	\$0.73
Feb-24	TE	121756	ELA-M1	800231	29	5,000	\$7,395.00	0.051000	1.55125	\$1,848.75
Feb-24	TE	121749	ELA-M1	800231	29	20,071	\$28,520.89	0.049000	1.4904167	\$7,130.22
Feb-24	TE	121747	M1-M2	800231	29	20,253	\$17,620.11	0.030000	0.9125	\$4,405.03
Feb-24	TR	130792205	Z1-Z4	1003693	29	15,000	\$197,055.00	0.453000	13.77875	\$49,263.75
Feb-24	TR	130792401	Z2-Z4	1003693	29	25,000	\$184,875.00	0.255000	7.75625	\$46,218.75
Feb-24	TR	130792501	Z4-Z4	1003693	29	25,000	\$29,000.00	0.040000	1.2166667	\$7,250.00
Feb-24	TR	130792603	Z6-Z6	1003693	29	50,000	\$39,875.00	0.027500	0.8364583	\$9,968.75
Feb-24	TR	130792701	Z6-Z6	1003693	29	20,000	\$13,340.00	0.023000	0.6995833	\$3,335.00
Feb-24	TR	130801701	ST62-65	1003693	29	12,500	\$7,250.00	0.020000	0.6083333	\$1,812.50
Feb-24	TR	130794301	ST62-65	1003693	29	15,000	\$1,087.50	0.002500	0.0760417	\$271.88
Feb-24	TR	130799103	Z6-Z6	1003693	29	10,000	\$8,700.00	0.030000	0.9125	\$2,175.00
Feb-24	TE	123027	M1-M2	800231	29	10,000	\$5,800.00	0.020000	0.6083333	\$1,450.00
Feb-24	TR	131015101	Z1-Z4	1005000	29	774	\$1,795.68	0.080000	2.4333333	\$448.92
Feb-24	TR	131015901	Z2-Z4	1005000	29	1,139	\$1,981.86	0.060000	1.825	\$495.47
Feb-24	TR	131016001	Z3-Z4	1005000	29	2,641	\$3,063.56	0.040000	1.2166667	\$765.89
Feb-24	TR	131174701	Z1-Z4	1003693	29	4,685	\$62,497.90	0.460000	13.991667	\$15,624.48
Feb-24	TR	131174801	Z2-Z4	1003693	29	3,950	\$26,346.50	0.230000	6.9958333	\$6,586.63
Feb-24	TR	131174901	Z3-Z4	1003693	29	8,200	\$9,512.00	0.040000	1.2166667	\$2,378.00
Totals						322,687	\$799,610.62			\$199,902.66

PECO ENERGY CO.

SUMMARY OF CAPACITY RELEASE REVENUE

Mar-24 M/YR	PIPELINE	DEAL NO	ZONE	CONTRACT	TERM IN DAYS	DTH PER DAY	ANTICIPATED CREDIT	CREDIT PER UNIT	RATE PER MONTH	Administrative Fee
Mar-24	TE	120658	STX-WLA	800407	31	8,404	\$23,447.16	0.090000	2.7375	\$5,861.79
Mar-24	TE	120657	STX-WLA	800231	31	5,975	\$16,670.25	0.090000	2.7375	\$4,167.56
Mar-24	TE	120658	WLA-ELA	800407	31	21,129	\$58,949.91	0.090000	2.7375	\$14,737.48
Mar-24	TE	120657	WLA-ELA	800231	31	15,012	\$41,883.48	0.090000	2.7375	\$10,470.87
Mar-24	TE	120586	ETX-M1	800231	31	4,619	\$5,011.62	0.035000	1.0645833	\$1,252.90
Mar-24	TE	120584	STX-ETX	800231	31	3,778	\$5,973.02	0.051000	1.55125	\$1,493.25
Mar-24	TE	120580	STX-ETX	800407	31	5,331	\$8,428.31	0.051000	1.55125	\$2,107.08
Mar-24	TE	120580	ETX-M1/Logg	800407	31	9,206	\$4,138.10	0.014500	0.4410417	\$1,034.52
Mar-24	TE	120580	STX-WLA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Mar-24	TE	120580	WLA-ELA	800407	31	10	\$3.10	0.010000	0.3041667	\$0.78
Mar-24	TE	121756	ELA-M1	800231	31	5,000	\$7,905.00	0.051000	1.55125	\$1,976.25
Mar-24	TE	121749	ELA-M1	800231	31	20,071	\$30,487.85	0.049000	1.4904167	\$7,621.96
Mar-24	TE	121747	M1-M2	800231	31	20,253	\$18,835.29	0.030000	0.9125	\$4,708.82
Mar-24	TR	130792205	Z1-Z4	1003693	31	15,000	\$210,645.00	0.453000	13.77875	\$52,661.25
Mar-24	TR	130792401	Z2-Z4	1003693	31	25,000	\$197,625.00	0.255000	7.75625	\$49,406.25
Mar-24	TR	130792501	Z4-Z4	1003693	31	25,000	\$31,000.00	0.040000	1.2166667	\$7,750.00
Mar-24	TR	130792603	Z6-Z6	1003693	31	50,000	\$42,625.00	0.027500	0.8364583	\$10,656.25
Mar-24	TR	130792701	Z6-Z6	1003693	31	20,000	\$14,260.00	0.023000	0.6995833	\$3,565.00
Mar-24	TR	130801701	ST62-65	1003693	31	12,500	\$7,750.00	0.020000	0.6083333	\$1,937.50
Mar-24	TR	130794301	ST62-65	1003693	31	15,000	\$1,162.50	0.002500	0.0760417	\$290.63
Mar-24	TR	130799103	Z6-Z6	1003693	31	10,000	\$9,300.00	0.030000	0.9125	\$2,325.00
Mar-24	TE	123027	M1-M2	800231	31	10,000	\$6,200.00	0.020000	0.6083333	\$1,550.00
Mar-24	TR	131263601	Z1-Z4	1003693	31	4,700	\$48,081.00	0.330000	10.0375	\$12,020.25
Mar-24	TR	131263701	Z2-Z4	1003693	31	3,990	\$16,079.70	0.130000	3.9541667	\$4,019.93
Mar-24	TR	131263801	Z3-Z4	1003693	31	9,000	\$8,370.00	0.030000	0.9125	\$2,092.50

Totals 318,988 \$814,834.38 \$203,708.60

Month	Release Credit	Administrative Fee	Release Credit Less Administrative Fee
Apr-23	\$1,339,967.24	\$334,991.81	\$1,004,975.43
May-23	\$1,434,187.18	\$358,546.79	\$1,075,640.38
Jun-23	\$1,472,494.64	\$368,123.66	\$1,104,370.98
Jul-23	\$1,563,671.76	\$390,917.94	\$1,172,753.82
Aug-23	\$1,572,867.91	\$393,216.98	\$1,179,650.93
Sep-23	\$1,538,407.04	\$384,601.76	\$1,153,805.28
Oct-23	\$1,532,692.53	\$383,173.13	\$1,149,519.40
Nov-23	\$773,637.80	\$193,409.45	\$580,228.35
Dec-23	\$824,037.40	\$206,009.35	\$618,028.05
Jan-24	\$861,175.04	\$215,293.76	\$645,881.28
Feb-24	\$799,610.62	\$199,902.66	\$599,707.97
Mar-24	\$814,834.38	\$203,708.60	\$611,125.79
Totals	\$14,527,583.52	\$3,631,895.88	\$10,895,687.64

PECO Energy Company
PUC 1307(f) Filing

SECTION 10

For Informational Purposes Only



AGREEMENT FOR GAS TRANSPORTATION SERVICE
RATE TS-I or TS-F

Customer Name		Service Address	
Customer Contact			
Tax Identification Number		Billing Address	
Account Number	-		

Rate for which service is requested: TS-I TS-F

The customer named above ("Customer") agrees to purchase gas transportation service from PECO Energy Company ("PECO" or the "Company") for the service address listed above, in accordance with the Company's Gas Service Tariff on file with the Public Utility Commission (Gas PA P.U.C. No. 4) as that tariff may from time-to-time be approved by the Commission, as follows:

1. TRANSPORTATION CONTRACT QUANTITIES

- (a) The Customer's Transportation Contract Quantities (TCQs) are set forth in Exhibit 1. PECO is not obligated to accept deliveries of gas greater than the TCQs, and the Customer agrees not to tender on any day a quantity of gas in excess of the TCQs.
- (b) PECO has the right to revise the TCQs specified in Exhibit 1. Any such revision shall be based upon the Customer's maximum daily usage during the previous twelve (12) months, and shall not exceed 110% of that usage.
- (c) Customer shall notify PECO of modifications in gas usage requirements by written notice addressed to (LCS Representative) at (215) 841- .

2. TRANSPORTATION COMMODITY CHARGES

- (a) The initial commodity charges applicable to each MCF transported are set forth in Exhibit 1.
- (b) In addition to the initial commodity charges specified in Exhibit 1, the Customer agrees to pay any surcharge, fee, penalty or other assessment authorized by the Pennsylvania Public Utility Commission, including those for the recovery of interstate pipeline "transition costs", balancing costs, and taxes.

3. STANDBY SALES SERVICE UNDER RATE TS-F

The Standby Sales Service Contract Quantity under Rate TS-F is set forth in Exhibit 1. If the Customer declines full firm standby sales service, Exhibit 8 must be executed and attached.

For Informational Purposes Only

4. ALTERNATE FUEL CATEGORY

The Customer certifies that the alternate fuel category, where applicable, stated in Exhibits 1 and 6, is correct. The Customer will submit written notice to PECO of any changes to its operation that alter its alternate fuel category and capability within 30 days of the change. The Customer shall comply with PECO's verification procedures as requested. The Customer agrees to provide PECO, when requested, an updated Exhibit 1.

5. CUSTOMER'S BALANCING OBLIGATIONS

The Customer has responsibility to:

- (a) monitor the daily quantity of transportation gas being delivered by its supplier,
- (b) monitor its daily usage of gas, and
- (c) manage transportation deliveries and its usage, within tolerances specified in the Tariff, such that daily and monthly imbalances shall be kept to as near zero as possible.

6. TREATMENT OF DEFICIENT DELIVERIES

All deficient deliveries at the end of any month shall be billed as a purchase under the applicable Standby Sales rates, plus penalty if applicable, pursuant to PECO's Tariff, Gas Transportation Service-General Terms and Conditions, Rule 2.5.

7. NOMINATION PROCEDURE

The Customer will adhere to the Gas Transportation Nomination Procedure attached as Exhibit 2 to this agreement. PECO shall have the right to revise the Gas Transportation Nomination Procedure, and any such revision will be furnished to the Customer at least thirty (30) days prior to its effective date.

8. DESIGNATION OF AGENT OR BUYER GROUP FOR CUSTOMER

Designation of an agent, if any, is made in Exhibit 3, if attached. Designation of a buyer group, if any, is made in Exhibit 4, if attached.

9. DELIVERY OF GAS TO THE PECO SYSTEM

The Customer is responsible to make all necessary arrangements for the delivery of gas to PECO's system through the facilities of Texas Eastern Transmission Corporation or Transcontinental Gas Pipe Line Corporation. The Customer bears sole responsibility for all costs incurred to deliver transportation gas to PECO's city gate stations including, but not limited to, balancing or penalty charges. The Customer is responsible for any imbalance; penalty or similar charge assessed PECO, which results from Customer's operations.

The Customer-owned gas transported by Transcontinental shall be delivered to:
Transfer Point #6555 - Transco/PECO interconnections

The Customer-owned gas transported by Texas Eastern shall be delivered to the points listed below, and all such points shall be included in the Texas Eastern transportation contract executed by the Customer or his agent.

M&R No. 035 Tetco/PECO interconnection, Delaware Co., PA
M&R No. 036 Tetco/PECO interconnection, Montgomery Co., PA
M&R No. 1220 Tetco/PECO interconnection, Montgomery Co., PA
M&R No. 2004 Tetco/PECO interconnection, Chester Co., PA
M&R No. 2405 Tetco/PECO interconnection, Montgomery Co., PA
M&R No. 2475 Tetco/PECO interconnection, Montgomery Co., PA

10. TELEMETRY AND TELEPHONE EQUIPMENT

- (a) Customer shall permit PECO to install and operate telemetering equipment to remotely read PECO's meter.
- (b) Customer shall provide and pay for telephone service required for the operation of PECO's equipment and/or the transmittal of data from PECO's meter, as directed by PECO. Customer must maintain either a dedicated non-digital telephone line or telephone equipment that converts the digital signal to analog.
Customer shall provide telephone service for this purpose at least fifteen (15) working days prior to the commencement of service under this agreement.
- (c) Service under this contract will not be provided prior to the date on which Customer installs the required telephone service. Customer is responsible to maintain the telephone service in working order at all times.
- (d) PECO will read the meter on the last day of the month if a reading is not transmitted. If the PECO technician determines that the phone line is not functioning, Customer will be notified that the phone line must be repaired within thirty (30) days.
- (e) If more than thirty (30) days elapse and the telephone service is not restored to working order to PECO's satisfaction, then the following steps will be taken:
- (1) If PECO has sufficient capacity in its gas supply system to supply Customer, then Customer's Account will be served as firm service on PECO's Rate GC-General Service-Commercial and Industrial, for a minimum of twelve (12) months.
 - (2) If PECO does not have sufficient capacity in its gas supply system to supply Customer, then PECO will disconnect Customer's facility from the PECO gas supply system for a minimum of twelve (12) months. During any such period of disconnection, Customer will use an alternate fuel to meet its heating and process needs.

For Informational Purposes Only

11. EXHIBITS

All Exhibits marked below are incorporated into, and made a part of, this agreement. An exhibit may be added or superseded by agreement of PECO and the customer to be effective on the date shown in the new or superseding exhibit.

- Exhibit 1 - Gas Consumption Capability, Contract Quantities, and Commodity Charges
- Exhibit 2 - Nomination Procedure
- Exhibit 3 - Designation of Agent for Customer
- Exhibit 4 - Transportation Buyer Group
- Exhibit 6 - Alternate Fuel Certification Statement
- Exhibit 8 - Election to Decline Full Firm Standby Sales Service

12. TERM

The initial term of this agreement shall be one year commencing, . After the initial term, this agreement shall continue on a month-to-month basis. Either party may cancel this agreement after the initial term, upon at least thirty (30) days notice prior to any monthly renewal date. Any termination of this agreement shall not relieve either party of any obligation incurred prior to the effective date of termination.

13. TERMINATION

If this agreement is canceled during any renewal term by the Customer, Standby Sales Service demand charges under Rate TS-F shall be due and payable until PECO is able to reduce its purchase obligations or otherwise utilize the released supplies pursuant to PECO's Tariff, Gas Transportation Service-General Terms and Conditions, Rule 3.3. If PECO cancels this agreement during any renewal term, Standby Sales Service demand charges shall terminate.

14. NOTICES AND COMMUNICATIONS

Any formal communications concerning this agreement shall be in writing and delivered either by hand, by first class certified mail, or by facsimile to the appropriate address as follows:

CUSTOMER		COMPANY	
Notices and Correspondence:		Notices and Correspondence:	
Customer Name:		PECO ENERGY COMPANY	
Contact Name:		Contact Name:	
Address:		Address:	
City:		City:	
State/Zip:	/	State/Zip:	/
Telephone:	() -	Telephone:	() -
Fax:	() -	Fax:	() -

Daily Operations:		Dispatching:
Customer Location:		PECO Energy Company
Contact Name:		Contact Name: Gas Supply & Transportation Group Attention: End User Transportation Analyst
Address:		Address: 2301 Market Street S18-1
City:		City: Philadelphia
State/Zip:	/	State/Zip: PA 19103
Telephone:	() -	Telephone: (215) 841-5694 or (267) 533-1602
Fax:	() -	Fax: (215) 841-6906

15. WARRANTIES

The Customer warrants that:

- (a) It has good and marketable title to all gas delivered to PECO under this agreement.
- (b) Such gas will be and is free and clear of all liens, encumbrances, and claims whatsoever, and
- (c) Such gas meets the quality and pressure specifications of the transporting pipelines.

16. ADVERSE CONDITIONS

Before PECO installs any facilities, Customer agrees to provide in writing to PECO all available information regarding potential or actual contamination, waste or similar materials or other adverse environmental or hazardous conditions on the Customer's premises on or near where PECO facilities are to be located.

17. INDEMNITY

The customer shall indemnify and hold PECO harmless from all suits, actions, debts, accounts, damages, costs, losses, and expenses arising from or out of adverse claims of title of any and all persons to the gas delivered to PECO.

18. ENTIRE AGREEMENT

This agreement and PECO's tariff which is integrated herein, constitute the entire agreement and understanding between PECO and Customer, and shall cancel and supersede, as of its effective date, all prior contracts, supplemental agreements, negotiations, or discussions, whether oral or written, for the transportation of natural gas.

For Informational Purposes Only

19. INTERPRETATION

This agreement shall be interpreted under the laws of the Commonwealth of Pennsylvania. This agreement and the obligations of the parties are subject to all valid laws, orders, rules, and regulations of the authorities having jurisdiction over this agreement. Captions and headings in this agreement are for convenience only and do not constitute a part of this agreement.

20. CANCELLATION

Before any installation of facilities, either party shall have the right to cancel and terminate this agreement by written notice to the other party. After such notice, both parties shall be relieved of all duties and obligations arising hereunder.

21. ASSIGNMENT

This agreement shall not be assigned by either party without the written consent of the other, in which event it shall be binding on the party to which it is assigned. Assignment of this agreement shall not release the assigning party from any of the obligations under this agreement unless such a release is agreed to in writing by the other party and the assuming party.

22. CONFIDENTIALITY

The terms of this agreement including, but not limited to, the transportation commodity charges, the volume of gas transported, and all other material items shall be kept confidential by PECO, the Customer, and any agents designated by the Customer, except to the extent that any information must be disclosed to a third party as required by law.

In Witness Whereof, the parties hereto have caused this agreement to be duly executed in duplicate originals.

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

For Informational Purposes Only

Exhibit 1

Gas Consumption Capability, Contract Quantities, and Commodity Charges

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

Gas Consumption Capability

The annual consumption capability at this metering location is _____ Mcf per year.

1. Firm Service Contract Quantities and Commodity Charges – for Rate TS-F

A. Rate TS-F Transportation Contract Quantity (TCQ) _____ Mcf/day

Annual Usage for Firm Transportation (check one):

- Less than 5,000 Mcf per year (***Exhibit 4 -Transportation Buyer Group is required***)
- Greater than 5,000 Mcf and less than 18,000 Mcf per year, or
- Greater than or equal to 18,000 Mcf per year.

B. Rate TS-F Standby Sales Service Contract Quantity _____ Mcf/day

If Customer declines firm Standby Sales Service, Exhibit 8 must be attached.

If Customer accepts firm Standby Sales Service, the Standby Sales Contract Quantity (SSQ) must equal the Rate TS-F TCQ. The total maximum firm daily quantity that PECO shall be obligated to transport is the Rate TS-F TCQ specified above. The total maximum firm daily quantity that PECO shall be obligated to supply is the Rate TS-F Standby Sales Service Quantity specified above.

C. Rate for Standby Sales Service (**Optional**):

- Rate GO (capability is less than 18,000 Mcf per year)
- Rate L (capability is 18,000 Mcf per year or more)

2. Interruptible Service Contract Quantity and Commodity Charge – For Rate TS-I

A. Rate TS-I Transportation Contract Quantity (TCQ) _____ Mcf/day

Annual Usage for Interruptible Transportation (check one):

- Less than 5,000 Mcf per year (***Exhibit 4 -Transportation Buyer Group is required***)
- Greater than 5,000 Mcf and less than 18,000 Mcf per year, or
- Greater than or equal to 18,000 Mcf per year.

[Note: It is not necessary to separately obtain interruptible standby sales service; that service is included in PECO's Rate TS-I service.]

For Informational Purposes Only

B. Alternate Fuel Categories for Rate IS Standby Service (**check one**):

<u>Primary Alternate Fuel</u>	<u>Secondary Alternate Fuel (if applicable)</u>
<input type="checkbox"/> Propane	<input type="checkbox"/> Propane
<input type="checkbox"/> No. 2 Oil	<input type="checkbox"/> No. 2 Oil
<input type="checkbox"/> No. 4 Oil	<input type="checkbox"/> No. 4 Oil
<input type="checkbox"/> No. 6 Oil - 0.5% sulfur content	<input type="checkbox"/> No. 6 Oil - 0.5% sulfur content
<input type="checkbox"/> No. 6 Oil - 1.0% sulfur content	<input type="checkbox"/> No. 6 Oil - 1.0% sulfur content
<input type="checkbox"/> Reprocessed Oil	<input type="checkbox"/> Reprocessed Oil
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:

(Note: This information must be the same as provided in Exhibit 6.)

3. **Other Charges**

The above charges do not include balancing charges and other charges as authorized by the Pennsylvania Public Utility Commission.

4. **System Losses**

The quantity of transportation gas received for this account shall be reduced by the percentage specified in PECO's Tariff, Gas Transportation Service-General Terms and Conditions, Rule 1.3.

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

For Informational Purposes Only

**Exhibit 2
Nomination Procedure**

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

1. Nomination information or questions concerning nominations shall be forwarded to:
PECO Gas Supply & Transportation Group
Attention: End User Transportation Analyst
2301 Market Street, Mail Stop: S18-1
Philadelphia, PA 19103
Telephone: (215) 841-5694 or (215) 841-4381
FAX: (215) 841-6906
2. Nomination information shall be submitted to PECO's Electronic Bulletin Board (EBB) showing the total dekatherms delivered to the PECO system by day. Subtotals shall also be provided by Customer and by pipeline transportation contract number. Contact PECO at the address shown above to obtain access to the EBB.
3. The Natural Gas Supplier is responsible for verifying that the pipeline is in fact delivering the nominated quantity and for notifying the customer as to its daily delivery status. The Natural Gas Supplier may fulfill this responsibility itself, or through an agent. If the responsibility verification is met by using an agent, the Natural Gas Supplier shall nonetheless be responsible for the accuracy of the verification to the same extent as if the Natural Gas Supplier had itself provided the verification.
4. Changes in nominations during a calendar month shall be provided to PECO no later than 2:00 PM Eastern time, one business day prior to the effective date of the change.

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

**Exhibit 3
Designation of Agent for Gas Transportation Service**

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

Customer designates the party specified below to act as agent on the Customer's behalf for scheduling, dispatching, giving and receipt of notices, and other administrative aspects of transportation service.

- Even though it has designated an agent, the Customer shall remain responsible to PECO for all of the Customer's obligations under the agreement.
- All communications from PECO to the agent will constitute communications to Customer for all purposes.
- Customer is responsible to maintain communication with its agent on all matters, including whether its agent has properly procured and delivered gas commodity for Customer. PECO is not responsible to inform Customer of any changes made by agent on Customer's behalf. PECO is not responsible to inform Customer if its agent has informed PECO that it will no longer act as Customer's supplier.
- This designation, or any substitute designation, will be effective only if provided at least five days before the end of the month.

Check one: Mail PECO bill to Customer Mail PECO bill to agent

Agent:		Address:	
Contact Person:		Telephone: () -	
Title:		Email:	

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

For Informational Purposes Only

**Exhibit 4
Designation of Transportation Buyer Group**

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

The Customer hereby agrees to join a Buyer Group as designated below and is qualified to do so because the annual volume specified in Exhibit 1 is less than 5,000 Mcf per year.

1. The natural gas supplier below agrees to sponsor a gas transportation buyer group on PECO Energy Company's (PECO's) gas system.

Supplier Name:			
Address:			
Contact Person:		Phone:	

2. Supplier agrees to provide daily allocations of transportation gas to each of the following accounts in the buyer group:

Customer Name:		Account Number:	-
Customer Name:		Account Number:	-
Customer Name:		Account Number:	-
Customer Name:		Account Number:	-
Customer Name:		Account Number:	-

3. PECO Energy shall have the right to revise administrative procedures for transportation buyer groups in accordance with its tariff.

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

For Informational Purposes Only

**Exhibit 6
Alternate Fuel Certification**

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

Designation of Alternate Fuel

Indicate the primary alternate fuel that you are currently using for this agreement. (Note: This information must be the same as provided in Exhibit 1.) Attach a copy of your most recent invoice from your alternate fuel supplier documenting this fuel type.

<u>Primary Alternate Fuel</u>	<u>Secondary Alternate Fuel (if applicable)</u>
<input type="checkbox"/> Propane	<input type="checkbox"/> Propane
<input type="checkbox"/> No. 2 Oil	<input type="checkbox"/> No. 2 Oil
<input type="checkbox"/> No. 4 Oil	<input type="checkbox"/> No. 4 Oil
<input type="checkbox"/> No. 6 Oil - 0.5% sulfur content	<input type="checkbox"/> No. 6 Oil - 0.5% sulfur content
<input type="checkbox"/> No. 6 Oil - 1.0% sulfur content	<input type="checkbox"/> No. 6 Oil - 1.0% sulfur content
<input type="checkbox"/> Reprocessed Oil	<input type="checkbox"/> Reprocessed Oil
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:

Information on Permanently Installed Oil or Propane Storage Tank(s)

Tank #1	gallons	Check if underground	<input type="checkbox"/>
Tank #2	gallons	Check if underground	<input type="checkbox"/>
Tank #3	gallons	Check if underground	<input type="checkbox"/>
Tank #4	gallons	Check if underground	<input type="checkbox"/>
Other - Please Explain:			

Indicate the total gallons of oil or propane you normally maintain in inventory in the winter period in the tanks listed above: _____ gallons.

- Under maximum-use conditions (e.g., coldest weather, maximum production, etc.), how many days would this inventory last? _____ days.
- List any equipment that is served under this agreement that cannot use an alternate fuel.

<u>Equipment</u>	<u>Estimated Gas Use</u>
1.	Mcf per day
2.	Mcf per day
3.	Mcf per day

I hereby certify that the above information is true and correct to the best of my knowledge and belief and that my alternate fuel system is in good working condition.

Customer Name:	Title:
Signature:	Date:
Name (Print):	Effective Date:

Exhibit 8

Election to Decline Full Firm Standby Sales Service

Customer Name:

Account Number:

Date (if other than effective date of underlying agreement):

General

The Customer hereby declines to elect full firm standby sales service from PECO equal to the TCQ for the firm transportation service under Rate TSF elected in Exhibit 1 of this agreement. The Customer therefore agrees and understands that it has no contractual right to purchase gas from PECO under any rate schedule on a daily or monthly basis, and PECO has no obligation to supply natural gas to the Customer, during the term of the agreement, greater than the standby sales quantity (SSQ) indicated in Exhibit 1 of this agreement. Upon termination of the agreement, any obligation to provide retail sales service greater than the SSQ is contingent upon PECO's ability to arrange the additional gas supply.

Election in Exhibit 1 to Decline Firm Standby Sales Service

The Customer understands that unauthorized use will be billed at the rate set forth in the PECO Energy Company Gas Service Tariff. Gas consumption under the following conditions shall be considered unauthorized use: 1) any gas use when the Customer's supplier fails to deliver, 2) consumption of gas exceeding the daily deliveries plus the allowable daily variation, and 3) any consumption of gas in excess of the total delivered in a billing month. The billing for unauthorized use does not provide the Customer with a right to consume gas supplied by PECO and Customer may be liable for damages to PECO and PECO's other customers that are attributable to unauthorized use of gas.

Election in Exhibit 1 of Partial Firm Standby Sales Service

The Customer understands that unauthorized use will be billed at the rate set forth in the PECO Energy Company Gas Service Tariff. Gas consumption under the following conditions shall be considered unauthorized use: 1) any gas use in excess of the SSQ when the Customer's supplier fails to deliver, 2) consumption of gas exceeding the daily deliveries plus the allowable daily variation plus the standby sales quantity, and 3) the quantity of deficient deliveries at the conclusion of a billing month that exceeds the SSQ times the number of days in the billing month. The billing for unauthorized use does not provide the Customer with a right to consume gas supplied by PECO and Customer may be liable for damages to PECO and PECO's other customers that are attributable to unauthorized use of gas.

For Informational Purposes Only

Customer Acknowledgement

The Customer acknowledges that it fully understands and accepts the risks and responsibilities of making its own natural gas supply and transportation arrangements. The Customer further acknowledges that the consumption of unauthorized gas may result in severe operational problems on PECO's distribution system and that it has been advised that PECO intends to take appropriate action, as described below, to protect the integrity of the gas distribution system:

- 1) PECO will take such steps that are necessary to prevent the customer from consuming unauthorized gas, may physically stop unauthorized use by either manually or remotely shutting off gas to the customer's meter, and may, at its discretion, install a remote shut-off valve for this purpose. Although PECO will make reasonable efforts to notify Customer at least 1 hour prior to stoppage of unauthorized use, stoppage of unauthorized use is not conditional upon such notice. PECO will make reasonable efforts to restore physical deliveries as soon as gas supply of Customer is resumed and the restoration process can be coordinated with Customer.
- 2) The Customer understands that unauthorized use will be determined on a daily basis and that the Customer (or its agent) is solely responsible for delivering daily gas supply to PECO. In determining the daily quantity of delivered gas supply, PECO relies on the daily nomination information provided by Customer, its agent and the interstate pipelines. Where the Customer's agent nominates pipeline deliveries for more than one PECO customer, it is the sole responsibility of Customer, through its agent, to provide Customer's individual allocation of agent's pipeline deliveries. In the absence of Customer-specific allocation for a specific day received by PECO prior to the beginning of the gas day, the Customer has no delivered gas supply that day for purposes of affecting a stoppage of unauthorized use.
- 3) Customer also acknowledges that the rate set forth in the PECO Energy Company Gas Service Tariff will apply to the volumes of unauthorized gas consumed, but that this in no way implies that gas will be available, nor it is intended as a backup source of gas. Payment of a penalty by the Customer for unauthorized use does not give the Customer any rights to use such gas.

Emergencies and Operational Flow Orders

The customer understands that provisions of PECO's Gas Tariff and Commission regulations apply to emergency conditions. The Customer understands that PECO may issue operational flow orders or similar directives as necessary and that such orders or directives may, among other things, suspend the availability of the allowable daily variation in determining unauthorized use.

Tariff Changes

The Customer acknowledges being advised by PECO that PECO intends to propose changes to its Gas Tariff from time to time and that changes authorized by the Commission will supersede any inconsistent provision herein.

Sales and Use Taxes

The Customer understands that the amounts billed by PECO for transportation service do not include applicable sales or use taxes, or any other taxes that may apply to sale and purchase of transported gas.

Termination and Adjustment

PECO shall have the right to cancel this service agreement and/or adjust Customer's SSQ to a reasonable level if unauthorized use occurs during the term of this agreement. Moreover, PECO and Customer may mutually agree on changes in SSQ during the term of the agreement, including reductions in SSQ should Customer requirements change during the term.

Backup Fuel

If the Customer maintains an alternate fuel supply, the Customer hereby agrees to maintain and switch to said alternate fuel supply in the event of a loss of gas deliveries. The Customer agrees to notify PECO if the alternate fuel supply should become unusable.

Customer Name:		Company:	PECO Energy Company
Signature:		Signature:	
Name (Print):		Name (Print):	
Title:		Title:	
Date:		Date:	
		Effective Date:	

For Informational Purposes Only

SECTION 11

**PECO Energy Company (Gas Division)
PUC 1307(f) Filing**

Glossary of Terms

Customer Number – a randomly assigned number to each customer, for PGC filing purposes only.

Rate – PECO billing rate code

- 1) TFL = Gas Transportation with Firm L Backup: greater than or equal to 18,000 mcf annually
- 2) TFG = Gas Transportation with Firm GC Backup: less than or equal to 18,000 mcf annually
- 3) TSG = Gas Rate TSI and TSF with GC Backup: less than or equal to 18,000 mcf annually
- 4) TSL = Gas Rate TSI and TSF with L Backup: greater than or equal to 18,000 mcf annually
- 5) TSI = Transportation Service Interruptible

Interruptible TCQ – Interruptible Transportation Contract Quantity (TCQ) is the maximum daily volume of interruptible gas expressed in mcf net of system losses where applicable, to be transported and delivered to the Customer.

Firm TCQ – is the maximum daily volume of firm gas expressed in mcf net of system losses where applicable, to be transported and delivered to the Customer.

Firm SSQ – Firm Standby Sales Quantity (SSQ) is the maximum daily quantity of gas expressed in mcf that the Customer may purchase.

Size Category – is provided for each meter location having a gas consumption capability of over / under 18,000 mcf annually.

Commodity Rate – is the fixed and/or variable distribution charge as noted in the Gas Tariff.

CUSTOMER NUMBER	RATE	INTERRUPTIBLE TCQ	FIRM TCQ	FIRM SSQ	SIZE CATEGORY	COMMODITY RATE
001	P-TSI	196.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
002	P-TFL	0.0000	83.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
003	P-TFG	0.0000	29.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
004	P-TFG	0.0000	28.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
005	P-TSG	28.0000	5.0000	1.0000	BELOW 18,000 MCF/YEAR	1.6002
006	P-TFL	0.0000	1144.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
007	P-TFL	0.0000	1150.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
008	P-TSL	304.0000	4.0000	4.0000	ABOVE 18,000 MCF/YEAR	0.8522
009	P-TFG	0.0000	57.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
010	P-TFL	0.0000	510.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
011	P-TSI	103.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
012	P-TSI	899.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
013	P-TSI	31.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
014	P-TSI	24.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
015	P-TSI	40.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
016	P-TSI	1.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
017	P-TSI	37.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
018	P-TSI	66.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
019	P-TSI	30.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
020	P-TFG	0.0000	24.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
021	P-TFL	0.0000	275.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
022	P-TFL	0.0000	32.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
023	P-TFL	0.0000	279.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
024	P-TFL	0.0000	191.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
025	P-TSI	85.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
026	P-TFG	0.0000	73.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
027	P-TFG	0.0000	13.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
028	P-TFL	0.0000	207.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
029	P-TSI	47.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
030	P-TFG	0.0000	65.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
031	P-TSI	195.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
032	P-TFG	0.0000	133.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
033	P-TSL	200.0000	10.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
034	P-TSI	426.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
035	P-TSI	220.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
036	P-TFG	0.0000	8.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
037	P-TFG	0.0000	7.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
038	P-TFG	0.0000	14.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
039	P-TFG	0.0000	9.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
040	P-TFG	0.0000	15.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
041	P-TFG	0.0000	10.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
042	P-TFG	0.0000	9.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
043	P-TFG	0.0000	7.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
044	P-TFG	0.0000	7.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
045	P-TFG	0.0000	11.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
046	P-TFG	0.0000	9.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
047	P-TFG	0.0000	19.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
048	P-TFG	0.0000	7.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
049	P-TFG	0.0000	17.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
050	P-TFG	0.0000	17.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
051	P-TSI	22.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
052	P-TSI	18.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
053	P-TSI	21.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
054	P-TSI	19.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
055	P-TSI	18.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
056	P-TSL	401.0000	600.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
057	P-TFL	0.0000	184.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
058	P-TSG	104.0000	3.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
059	P-TFL	0.0000	106.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
060	P-TFL	0.0000	160.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
061	P-TFL	0.0000	81.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
062	P-TFL	0.0000	283.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
063	P-TFG	0.0000	64.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
064	P-TFL	0.0000	596.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
065	P-TFG	0.0000	33.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
066	P-TFL	0.0000	210.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
067	P-TFG	0.0000	11.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
068	P-TSI	315.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
069	P-TSI	72.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
070	P-TSI	92.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
071	P-TFG	0.0000	136.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
072	P-TFL	0.0000	122.0000	10.0000	ABOVE 18,000 MCF/YEAR	1.0776
073	P-TFL	0.0000	386.0000	1.0000	ABOVE 18,000 MCF/YEAR	1.0776
074	P-TFG	0.0000	24.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
075	P-TFG	0.0000	7.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
076	P-TFG	0.0000	56.0000	35.0000	BELOW 18,000 MCF/YEAR	2.2578
077	P-TFL	0.0000	927.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
078	P-TFG	0.0000	46.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
079	P-TFG	0.0000	88.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
080	P-TFG	0.0000	52.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
081	P-TFG	0.0000	29.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
082	P-TFG	0.0000	37.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
083	P-TFG	0.0000	63.0000	35.0000	BELOW 18,000 MCF/YEAR	2.2578
084	P-TFG	0.0000	32.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
085	P-TFL	0.0000	128.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
086	P-TFG	0.0000	30.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
087	P-TFG	0.0000	39.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
088	P-TFG	0.0000	12.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
089	P-TFG	0.0000	10.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
090	P-TFG	0.0000	9.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
091	P-TSI	83.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
092	P-TFL	0.0000	70.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
093	P-TFG	0.0000	30.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
094	P-TSI	66.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
095	P-TFL	0.0000	759.0000	0.0000	ABOVE 18,000 MCF/YEAR	1.0776
096	P-TSI	69.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
097	P-TSI	1166.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
098	P-TSI	1766.0000	0.0000	0.0000	ABOVE 18,000 MCF/YEAR	0.8522
099	P-TFG	0.0000	32.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
100	P-TFG	0.0000	9.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
101	P-TFG	0.0000	24.0000	1.0000	BELOW 18,000 MCF/YEAR	2.2578
102	P-TSI	157.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002
103	P-TFG	0.0000	25.0000	0.0000	BELOW 18,000 MCF/YEAR	2.2578
104	P-TSI	117.0000	0.0000	0.0000	BELOW 18,000 MCF/YEAR	1.6002

105	P-TFL	0.0000	108.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
106	P-TSL	496.0000	40.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
107	P-TFG	0.0000	15.0000	8.0000	BELOW	18,000 MCF/YEAR	2.2578
108	P-TFG	0.0000	14.0000	16.0000	BELOW	18,000 MCF/YEAR	2.2578
109	P-TFG	0.0000	34.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
110	P-TFG	0.0000	83.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
111	P-TFG	0.0000	2.0000	3.0000	BELOW	18,000 MCF/YEAR	2.2578
112	P-TFG	0.0000	4.0000	3.0000	BELOW	18,000 MCF/YEAR	2.2578
113	P-TFG	0.0000	174.0000	11.0000	BELOW	18,000 MCF/YEAR	2.2578
114	P-TFG	0.0000	87.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
115	P-TFG	0.0000	158.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
116	P-TSI	77.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
117	P-TSI	78.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
118	P-TFL	0.0000	86.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
119	P-TSI	307.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
120	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
121	P-TSI	114.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
122	P-TFL	0.0000	635.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
123	P-TSL	682.0000	41.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
124	P-TFG	0.0000	85.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
125	P-TFG	0.0000	83.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
126	P-TFL	0.0000	474.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
127	P-TFL	0.0000	234.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
128	P-TFG	0.0000	144.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
129	P-TFL	0.0000	355.0000	73.0000	ABOVE	18,000 MCF/YEAR	1.0776
130	P-TFG	0.0000	66.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
131	P-TFG	0.0000	51.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
132	P-TFL	0.0000	2202.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
133	P-TSI	263.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
134	P-TFG	0.0000	4.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
135	P-TFG	0.0000	28.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
136	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
137	P-TFG	0.0000	84.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
138	P-TFG	0.0000	61.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
139	P-TFG	0.0000	13.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
140	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
141	P-TFG	0.0000	40.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
142	P-TFL	0.0000	64.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
143	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
144	P-TFG	0.0000	29.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
145	P-TFG	0.0000	19.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
146	P-TFL	0.0000	116.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
147	P-TFL	0.0000	136.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
148	P-TFG	0.0000	91.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
149	P-TFG	0.0000	72.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
150	P-TSI	2078.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
151	P-TFL	0.0000	245.0000	2.0000	ABOVE	18,000 MCF/YEAR	1.0776
152	P-TFL	0.0000	616.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
153	P-TSI	51.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
154	P-TFG	0.0000	24.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
155	P-TFG	0.0000	8.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
156	P-TFG	0.0000	23.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
157	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
158	P-TFL	0.0000	275.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
159	P-TFL	0.0000	1079.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
160	P-TFL	0.0000	167.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
161	P-TFL	0.0000	95.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
162	P-TSI	59.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
163	P-TSI	141.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
164	P-TFL	0.0000	107.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
165	P-TFL	0.0000	116.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
166	P-TSI	43.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
167	P-TSI	57.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
168	P-TSI	21.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
169	P-TSI	21.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
170	P-TSG	34.0000	6.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
171	P-TFL	0.0000	184.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
172	P-TFG	0.0000	67.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
173	P-TFG	0.0000	50.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
174	P-TFL	0.0000	128.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
175	P-TFG	0.0000	33.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
176	P-TFL	0.0000	186.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
177	P-TFG	0.0000	103.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
178	P-TFL	0.0000	233.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
179	P-TSI	42.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
180	P-TSI	65.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
181	P-TFG	0.0000	116.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
182	P-TFL	0.0000	196.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
183	P-TFL	0.0000	690.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
184	P-TSG	52.0000	75.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
185	P-TFL	0.0000	460.0000	10.0000	ABOVE	18,000 MCF/YEAR	1.0776
186	P-TSI	189.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
187	P-TFL	0.0000	73.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
188	P-TSI	265.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
189	P-TFL	0.0000	319.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
190	P-TSI	714.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
191	P-TSI	62.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
192	P-TFG	0.0000	26.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
193	P-TFG	0.0000	26.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
194	P-TFL	0.0000	168.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
195	P-TFG	0.0000	21.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
196	P-TFG	0.0000	64.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
197	P-TFG	0.0000	28.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
198	P-TFL	0.0000	667.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
199	P-TSI	556.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
200	P-TFL	0.0000	179.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
201	P-TFG	0.0000	66.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
202	P-TFG	0.0000	66.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
203	P-TFG	0.0000	17.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
204	P-TFG	0.0000	42.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
205	P-TFG	0.0000	26.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
206	P-TFL	0.0000	152.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
207	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
208	P-TFG	0.0000	22.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
209	P-TFG	0.0000	6.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
210	P-TSI	48137.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
211	P-TFG	0.0000	59.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578

212	P-TSI	75.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
213	P-TSI	14.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
214	P-TSI	14.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
215	P-TSI	15.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
216	P-TFG	0.0000	120.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
217	P-TFL	0.0000	186.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
218	P-TSI	182.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
219	P-TSI	484.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
220	P-TSI	1034.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
221	P-TFL	0.0000	155.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
222	P-TFL	0.0000	2005.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
223	P-TFL	0.0000	568.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
224	P-TSI	67.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
225	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
226	P-TSI	30.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
227	P-TFG	0.0000	59.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
228	P-TFG	0.0000	54.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
229	P-TSI	66.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
230	P-TFG	0.0000	42.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
231	P-TFG	0.0000	46.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
232	P-TSI	274.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
233	P-TSI	100.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
234	P-TSI	177.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
235	P-TSI	459.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
236	P-TFL	0.0000	350.0000	20.0000	ABOVE	18,000 MCF/YEAR	1.0776
237	P-TFL	0.0000	315.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
238	P-TFL	0.0000	169.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
239	P-TSI	424.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
240	P-TSI	276.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
241	P-TSI	592.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
242	P-TFG	0.0000	43.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
243	P-TSI	226.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
244	P-TFG	0.0000	72.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
245	P-TFL	0.0000	164.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
246	P-TFL	0.0000	254.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
247	P-TFG	0.0000	46.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
248	P-TSI	23.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
249	P-TSI	41.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
250	P-TSI	33.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
251	P-TFL	0.0000	297.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
252	P-TFG	0.0000	28.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
253	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
254	P-TSI	1219.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
255	P-TSI	578.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
256	P-TFG	0.0000	22.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
257	P-TFG	0.0000	42.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
258	P-TSI	73.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
259	P-TFG	0.0000	34.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
260	P-TSI	716.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
261	P-TSI	540.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
262	P-TFL	0.0000	448.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
263	P-TSI	1736.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
264	P-TFL	0.0000	21.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
265	P-TFL	0.0000	83.0000	20.0000	BELOW	18,000 MCF/YEAR	2.2578
266	P-TFG	0.0000	50.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
267	P-TSG	168.0000	44.0000	5.0000	BELOW	18,000 MCF/YEAR	1.6002
268	P-TSI	431.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
269	P-TSI	32.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
270	P-TSI	108.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
271	P-TSG	111.0000	1.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
272	P-TSI	80.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
273	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
274	P-TFL	0.0000	358.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
275	P-TSI	1152.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
276	P-TSG	101.0000	4.0000	4.0000	BELOW	18,000 MCF/YEAR	1.6002
277	P-TFL	0.0000	112.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
278	P-TFG	0.0000	31.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
279	P-TFG	0.0000	40.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
280	P-TFG	0.0000	51.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
281	P-TSL	336.0000	42.0000	42.0000	ABOVE	18,000 MCF/YEAR	0.8522
282	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
283	P-TFL	0.0000	427.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
284	P-TSG	96.0000	4.0000	4.0000	BELOW	18,000 MCF/YEAR	1.6002
285	P-TFL	0.0000	182.0000	100.0000	ABOVE	18,000 MCF/YEAR	1.0776
286	P-TSI	40.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
287	P-TFG	0.0000	53.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
288	P-TSI	602.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
289	P-TFG	0.0000	24.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
290	P-TSI	297.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
291	P-TFG	0.0000	22.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
292	P-TFL	0.0000	902.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
293	P-TSG	94.0000	4.0000	4.0000	BELOW	18,000 MCF/YEAR	1.6002
294	P-TFG	0.0000	26.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
295	P-TFG	0.0000	17.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
296	P-TSG	104.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
297	P-TFG	0.0000	57.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
298	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
299	P-TFG	0.0000	67.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
300	P-TSI	97.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
301	P-TFL	0.0000	277.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
302	P-TFG	0.0000	6.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
303	P-TFL	0.0000	206.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
304	P-TFL	0.0000	227.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
305	P-TFL	0.0000	608.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
306	P-TFG	0.0000	86.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
307	P-TFG	0.0000	43.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
308	P-TSI	20.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
309	P-TSI	311.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
310	P-TSI	110.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
311	P-TSI	76.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
312	P-TSI	188.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
313	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
314	P-TFL	0.0000	11653.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
315	P-TFL	0.0000	271.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
316	P-TFG	0.0000	69.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
317	P-TFG	0.0000	26.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
318	P-TFL	0.0000	356.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776

319	P-TFG	0.0000	112.0000	69.0000	BELOW	18,000 MCF/YEAR	2.2578
320	P-TFG	0.0000	87.0000	102.0000	BELOW	18,000 MCF/YEAR	2.2578
321	P-TFG	0.0000	34.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
322	P-TFL	0.0000	334.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
323	P-TFG	0.0000	41.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
324	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
325	P-TFG	0.0000	34.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
326	P-TFL	0.0000	32.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
327	P-TFL	0.0000	306.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
328	P-TFG	0.0000	3.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
329	P-TFG	0.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
330	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
331	P-TFG	0.0000	61.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
332	P-TSI	623.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
333	P-TSI	2.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
334	P-TFG	0.0000	52.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
335	P-TSG	53.0000	12.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
336	P-TFG	0.0000	140.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
337	P-TSI	80.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
338	P-TSI	339.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
339	P-TFG	0.0000	76.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
340	P-TSI	11.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
341	P-TSI	11.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
342	P-TFG	0.0000	44.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
343	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
344	P-TFG	0.0000	28.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
345	P-TSG	82.0000	5.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
346	P-TFG	0.0000	33.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
347	P-TFG	0.0000	12.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
348	P-TSI	94.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
349	P-TFL	0.0000	131.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
350	P-TFG	0.0000	45.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
351	P-TSI	43.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
352	P-TSI	40.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
353	P-TSI	65.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
354	P-TFG	0.0000	67.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
355	P-TFG	0.0000	52.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
356	P-TSI	1002.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
357	P-TSI	28.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
358	P-TSI	498.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
359	P-TFG	0.0000	19.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
360	P-TFL	0.0000	109.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
361	P-TSI	80.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
362	P-TSI	1271.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
363	P-TFL	0.0000	123.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
364	P-TFL	0.0000	226.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
365	P-TFG	0.0000	19.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
366	P-TFG	0.0000	6.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
367	P-TFG	0.0000	76.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
368	P-TFG	0.0000	21.0000	3.0000	BELOW	18,000 MCF/YEAR	2.2578
369	P-TFG	0.0000	78.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
370	P-TSG	94.0000	5.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
371	P-TSI	286.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
372	P-TFG	0.0000	41.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
373	P-TFL	0.0000	243.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
374	P-TFL	0.0000	134.0000	100.0000	BELOW	18,000 MCF/YEAR	2.2578
375	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
376	P-TSI	194.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
377	P-TFL	0.0000	9.0000	15.0000	BELOW	18,000 MCF/YEAR	2.2578
378	P-TFL	0.0000	699.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
379	P-TFL	0.0000	780.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
380	P-TFL	0.0000	917.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
381	P-TSI	473.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
382	P-TSI	87.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
383	P-TFG	0.0000	40.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
384	P-TFG	0.0000	166.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
385	P-TFG	0.0000	13.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
386	P-TFG	0.0000	70.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
387	P-TFG	0.0000	134.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
388	P-TFG	0.0000	73.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
389	P-TFG	0.0000	102.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
390	P-TFG	0.0000	94.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
391	P-TFG	0.0000	113.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
392	P-TSI	152.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
393	P-TSI	28.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
394	P-TFL	0.0000	150.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
395	P-TFL	0.0000	285.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
396	P-TFG	0.0000	66.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
397	P-TSL	157.0000	11.0000	1.0000	ABOVE	18,000 MCF/YEAR	0.8522
398	P-TFG	0.0000	72.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
399	P-TSL	402.0000	11.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
400	P-TSI	2101.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
401	P-TSI	1026.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
402	P-TFG	0.0000	144.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
403	P-TSI	90.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
404	P-TFG	0.0000	67.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
405	P-TSI	24387.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
406	P-TFG	0.0000	61.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
407	P-TFL	0.0000	196.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
408	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
409	P-TSI	58.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
410	P-TSI	1.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
411	P-TFG	0.0000	73.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
412	P-TFG	0.0000	23.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
413	P-TSI	109.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
414	P-TFG	0.0000	12.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
415	P-TFG	0.0000	95.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
416	P-TFL	0.0000	299.0000	100.0000	ABOVE	18,000 MCF/YEAR	1.0776
417	P-TFG	0.0000	89.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
418	P-TFL	0.0000	215.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
419	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
420	P-TFG	0.0000	23.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
421	P-TFG	0.0000	17.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
422	P-TFL	0.0000	102.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
423	P-TFG	0.0000	46.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
424	P-TSI	693.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
425	P-TSI	3675.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522

426	P-TFL	0.0000	429.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
427	P-TSI	127.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
428	P-TSI	35.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
429	P-TFL	0.0000	110.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
430	P-TFL	0.0000	253.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
431	P-TFG	0.0000	43.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
432	P-TFG	0.0000	10.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
433	P-TSI	114.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
434	P-TFG	0.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
435	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
436	P-TFG	0.0000	18.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
437	P-TFG	0.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
438	P-TFG	0.0000	8.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
439	P-TSI	245.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
440	P-TFL	0.0000	206.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
441	P-TFG	0.0000	23.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
442	P-TFL	0.0000	123.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
443	P-TFL	0.0000	164.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
444	P-TSI	43.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
445	P-TSI	132.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
446	P-TFG	0.0000	75.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
447	P-TFG	0.0000	89.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
448	P-TFG	0.0000	65.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
449	P-TSG	62.0000	2.0000	2.0000	BELOW	18,000 MCF/YEAR	1.6002
450	P-TSI	52.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
451	P-TSG	208.0000	4.0000	4.0000	BELOW	18,000 MCF/YEAR	1.6002
452	P-TSI	63.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
453	P-TSI	47.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
454	P-TFL	0.0000	314.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
455	P-TFG	0.0000	31.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
456	P-TFL	0.0000	54.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
457	P-TFG	0.0000	25.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
458	P-TFL	0.0000	354.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
459	P-TSI	278.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
460	P-TFG	0.0000	35.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
461	P-TSL	197.0000	240.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
462	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
463	P-TFG	0.0000	61.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
464	P-TFG	0.0000	9.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
465	P-TSI	70.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
466	P-TSI	90.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
467	P-TSI	131.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
468	P-TSI	78.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
469	P-TFL	0.0000	490.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
470	P-TSI	25.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
471	P-TFG	0.0000	55.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
472	P-TFG	0.0000	6.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
473	P-TSI	37.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
474	P-TSL	75.0000	30.0000	1.0000	ABOVE	18,000 MCF/YEAR	0.8522
475	P-TFL	0.0000	466.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
476	P-TSI	114.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
477	P-TSI	304.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
478	P-TSI	61.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
479	P-TFL	0.0000	211.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
480	P-TSI	197.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
481	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
482	P-TSI	3897.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
483	P-TFG	0.0000	45.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
484	P-TSI	112.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
485	P-TFL	0.0000	242.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
486	P-TSI	671.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
487	P-TFG	0.0000	3.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
488	P-TFL	0.0000	215.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
489	P-TFG	0.0000	108.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
490	P-TFG	0.0000	129.0000	70.0000	BELOW	18,000 MCF/YEAR	2.2578
491	P-TFG	0.0000	156.0000	85.0000	BELOW	18,000 MCF/YEAR	2.2578
492	P-TFG	0.0000	39.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
493	P-TFG	0.0000	43.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
494	P-TSI	123.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
495	P-TFG	0.0000	78.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
496	P-TFG	0.0000	172.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
497	P-TFG	0.0000	13.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
498	P-TFL	0.0000	207.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
499	P-TFG	0.0000	21.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
500	P-TFL	0.0000	215.0000	10.0000	ABOVE	18,000 MCF/YEAR	1.0776
501	P-TFG	0.0000	26.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
502	P-TSG	150.0000	100.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
503	P-TSL	860.0000	50.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
504	P-TFL	0.0000	167.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
505	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
506	P-TFG	0.0000	70.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
507	P-TFG	0.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
508	P-TFG	0.0000	12.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
509	P-TFG	0.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
510	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
511	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
512	P-TFL	0.0000	450.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
513	P-TFG	0.0000	156.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
514	P-TFG	0.0000	54.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
515	P-TFL	0.0000	90.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
516	P-TSG	49.0000	5.0000	5.0000	BELOW	18,000 MCF/YEAR	1.6002
517	P-TSG	80.0000	1.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
518	P-TFG	0.0000	23.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
519	P-TSI	78.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
520	P-TSG	86.0000	21.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
521	P-TFL	0.0000	779.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
522	P-TFL	0.0000	647.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
523	P-TFG	0.0000	20.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
524	P-TFG	0.0000	300.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
525	P-TSL	144.0000	2.0000	2.0000	BELOW	18,000 MCF/YEAR	1.6002
526	P-TSG	56.0000	1.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
527	P-TSL	135.0000	3.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
528	P-TSI	129.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
529	P-TFL	0.0000	397.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
530	P-TSI	32.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
531	P-TFG	0.0000	11.0000	3.0000	BELOW	18,000 MCF/YEAR	2.2578
532	P-TFG	0.0000	26.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578

533	P-TSI	55.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
534	P-TFG	0.0000	30.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
535	P-TSL	73.0000	5.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
536	P-TSG	79.0000	10.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
537	P-TSI	119.0000	119.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
538	P-TFL	0.0000	820.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
539	P-TFL	0.0000	306.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
540	P-TFG	0.0000	28.0000	25.0000	BELOW	18,000 MCF/YEAR	2.2578
541	P-TSG	108.0000	1.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
542	P-TSL	189.0000	10.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
543	P-TFG	0.0000	14.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
544	P-TFG	0.0000	10.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
545	P-TFG	0.0000	50.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
546	P-TFG	0.0000	52.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
547	P-TFL	0.0000	128.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
548	P-TFG	0.0000	79.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
549	P-TFG	0.0000	65.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
550	P-TSI	46.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
551	P-TFL	0.0000	565.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
552	P-TSI	43.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
553	P-TSI	427.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
554	P-TFL	0.0000	123.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
555	P-TSI	1312.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
556	P-TSI	94.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
557	P-TFG	0.0000	55.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
558	P-TFG	0.0000	8.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
559	P-TSL	372.0000	10.0000	10.0000	ABOVE	18,000 MCF/YEAR	0.8522
560	P-TSI	66.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
561	P-TSI	106.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
562	P-TFG	0.0000	61.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
563	P-TFL	0.0000	196.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
564	P-TFL	0.0000	106.0000	10.0000	ABOVE	18,000 MCF/YEAR	1.0776
565	P-TSL	151.0000	10.0000	10.0000	BELOW	18,000 MCF/YEAR	1.6002
566	P-TSI	405.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
567	P-TFG	0.0000	10.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
568	P-TSL	763.0000	816.0000	1.0000	ABOVE	18,000 MCF/YEAR	0.8522
569	P-TSG	33.0000	7.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
570	P-TSG	149.0000	5.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
571	P-TFG	0.0000	55.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
572	P-TFL	0.0000	168.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
573	P-TSI	31.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
574	P-TFG	0.0000	10.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
575	P-TFG	0.0000	72.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
576	P-TSI	87.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
577	P-TFG	0.0000	68.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
578	P-TSL	132.0000	3.0000	3.0000	ABOVE	18,000 MCF/YEAR	0.8522
579	P-TSG	52.0000	15.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
580	P-TFG	0.0000	22.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
581	P-TFG	0.0000	57.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
582	P-TFG	0.0000	59.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
583	P-TFG	0.0000	58.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
584	P-TFG	0.0000	48.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
585	P-TFG	0.0000	37.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
586	P-TSG	35.0000	5.0000	1.0000	BELOW	18,000 MCF/YEAR	1.6002
587	P-TSI	138.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
588	P-TFG	0.0000	85.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
589	P-TFG	0.0000	103.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
590	P-TSL	314.0000	15.0000	15.0000	ABOVE	18,000 MCF/YEAR	0.8522
591	P-TSL	81.0000	30.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
592	P-TSI	108.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
593	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
594	P-TFG	0.0000	13.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
595	P-TSI	17.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
596	P-TSI	34.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
597	P-TFL	0.0000	242.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
598	P-TFG	0.0000	120.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
599	P-TFL	0.0000	697.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
600	P-TSI	41.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
601	P-TFG	41.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
602	P-TSI	521.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
603	P-TSI	325.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
604	P-TFG	0.0000	80.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
605	P-TFL	0.0000	83.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
606	P-TSI	651.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
607	P-TFG	0.0000	179.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
608	P-TFG	0.0000	7.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
609	P-TSI	1691.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
610	P-TFL	0.0000	237.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
611	P-TSI	131.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
612	P-TFG	0.0000	224.0000	1.0000	ABOVE	18,000 MCF/YEAR	1.0776
613	P-TSI	26.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
614	P-TSI	13.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
615	P-TFG	0.0000	50.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
616	P-TSI	39.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
617	P-TFG	0.0000	139.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
618	P-TFG	0.0000	107.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
619	P-TSI	40.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
620	P-TFL	0.0000	156.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
621	P-TFG	0.0000	56.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
622	P-TSI	48.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
623	P-TSI	51.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
624	P-TSI	120.0000	0.0000	0.0000	ABOVE	18,000 MCF/YEAR	0.8522
625	P-TSI	21.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
626	P-TSI	138.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
627	P-TSI	97.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
628	P-TFG	0.0000	19.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
629	P-TFL	0.0000	295.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
630	P-TFG	0.0000	99.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
631	P-TFG	0.0000	97.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
632	P-TFG	0.0000	117.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
633	P-TFG	0.0000	106.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
634	P-TFG	0.0000	106.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
635	P-TFG	0.0000	165.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
636	P-TFG	0.0000	40.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
637	P-TFG	0.0000	14.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
638	P-TFG	0.0000	47.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
639	P-TSI	32.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002

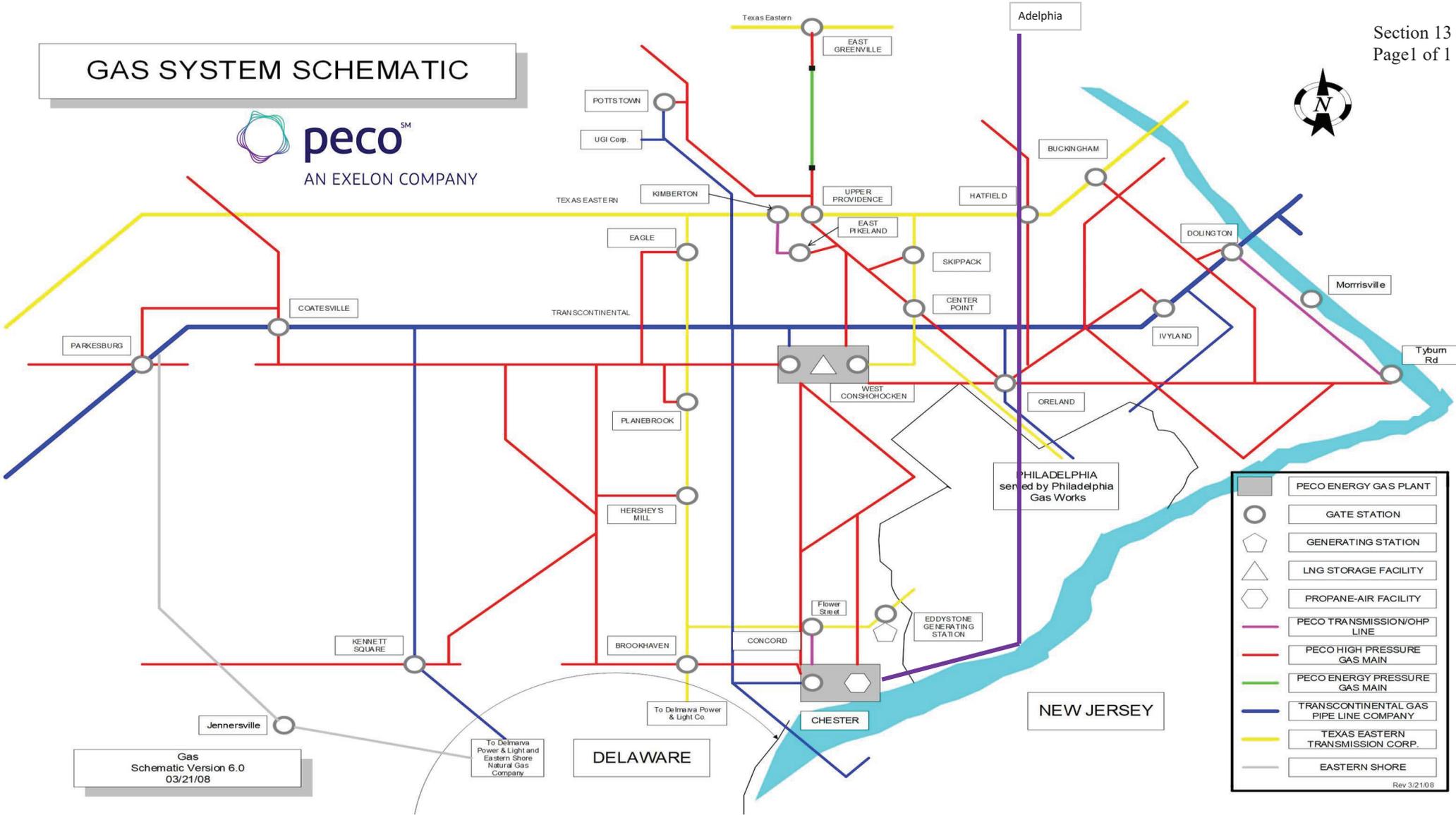
640	P-TSI	123.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
641	P-TFL	0.0000	341.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
642	P-TFG	0.0000	31.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
643	P-TFG	0.0000	31.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
644	P-TFL	0.0000	167.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
645	P-TFG	0.0000	23.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
646	P-TFG	0.0000	23.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
647	P-TSL	197.0000	3.0000	3.0000	BELOW	18,000 MCF/YEAR	1.6002
648	P-TSI	97.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
649	P-TFL	0.0000	2202.0000	0.0000	ABOVE	18,000 MCF/YEAR	1.0776
650	P-TSI	263.0000	0.0000	0.0000	BELOW	18,000 MCF/YEAR	1.6002
651	P-TFG	0.0000	4.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
652	P-TFG	0.0000	183.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
653	P-TFG	0.0000	111.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578
654	P-TFG	0.0000	75.0000	1.0000	BELOW	18,000 MCF/YEAR	2.2578
655	P-TFG	0.0000	9.0000	0.0000	BELOW	18,000 MCF/YEAR	2.2578

Section 12

Historic monthly use end-user transportation

Due to its voluminous nature, this information is not included in this filing. It is available upon request.

GAS SYSTEM SCHEMATIC



	PECO ENERGY GAS PLANT
	GATE STATION
	GENERATING STATION
	LNG STORAGE FACILITY
	PROPANE-AIR FACILITY
	PECO TRANSMISSION/OHP LINE
	PECO HIGH PRESSURE GAS MAIN
	PECO ENERGY PRESSURE GAS MAIN
	TRANSCONTINENTAL GAS PIPE LINE COMPANY
	TEXAS EASTERN TRANSMISSION CORP.
	EASTERN SHORE

Gas Schematic Version 6.0
03/21/08

Section 14

Gas costs are assigned to Rates Interruptible Service (“IS”), Temperature Controlled Service (“TCS”) and Motor Vehicle Service Interruptible (“MV-I”) customers on a per Mcf basis using the monthly weighted average commodity cost of gas or spot gas. Rate TCS includes a fixed cost component based on the TCS portion of the Company’s storage contracts, firm supply contracts and firm supply transportation services.

Effective October 2, 2001, PECO initiated Rate NGS (“Negotiated Gas Service”) for large customers with a competitive alternative to service. The services provided by the Company under this rate may involve: supply; transportation; storage; upgrade or installation of mains, services and appurtenant facilities; and other natural gas management services that the customer may require.

For Rate NGS, purchased gas commodity costs, interstate pipeline demand costs, and associated quantities of natural gas purchased, shall be excluded from the Company’s Purchased Gas Cost (“PGC”) filing in accordance with Exhibit RAF-1 submitted by the Company in Docket No. R-00016366.

On March 1, 2013, PECO and its stakeholders filed a Joint Petition for Complete Settlement (“Joint Petition”) to resolve issues raised with PECO’s Petition entitled, *PECO Energy Company - Gas Division - Natural Gas Distribution Companies and Promotion of Competitive Retail Markets - 1308(a) Voluntary Changes in Rates – Petition*, at Docket No. P-2012-2328614. According to the Joint Petition, a Gas Procurement Charge (“GPC”) recovers natural gas procurement costs (unbundled from base rates) from PGC customers who procure gas supply from PECO. The GPC is included in the Commodity Charge portion of the PGC Rate. The GPC is not subject to reconciliation. The Joint Petition was approved by the Pennsylvania Public Utility Commission (the “Commission”) in its entirety and without modification on April 18, 2013. The GPC was initially effective on June 1, 2013 and is updated in conjunction with results from subsequent distribution base rate cases.

On March 12, 2015, PECO made a compliance filing related to the Joint Petition to include a Merchant Function Charge (“MFC”) to recover uncollectible charge-offs related to gas supply (unbundled from base rates) from PGC customers who procure gas supply from PECO. Separate MFC charges apply to Rates GR (General Service – Residential), Rates GC (General Service – Commercial and Industrial), the CAP (Customer Assistance Program) and the Excess Off-Peak Use Rider. The MFC is included in the Commodity Charge portion of the PGC rate and is not subject to reconciliation. On March 26, 2015, the Commission approved the Company’s March 12, 2015 compliance filing and directed the Company to file tariff supplements implementing the proposed revisions. The MFC became effective on June 1, 2015 and is updated quarterly in conjunction with the PGC rate changes. The write-off factors associated with

the MFC are updated in conjunction with results from subsequent distribution base rate cases.

Effective July 2021, Rate CGS and the Excess Off-Peak Use Rider were eliminated in compliance with the Commission Order at Docket No. R-2020-3018929 (“Order”) of the Company’s 2020 Gas Distribution Base Rate Case. Both the GPC and write-off factors associated with the MFC were updated as a result of the Order.

Effective January 1, 2023, both the GPC and write-off factors associated with the MFC were updated as part of the Company’s 2022 Gas Distribution Base Rate Case at Docket No. R-2022-3031113.

Section 15

Data for the consecutive three-day peak periods over the last five send out years are shown below. PECO's send out year begins September 1 and ends August 31 of the following year. "Int" means the rate was interrupted for some portion or all of the day. "Avail" means the rate was available for use the entire day.

Date	Mcf	Avg. Tem	Max. Tem	Min. Tem	Status Rate TSI	Status Rate IS	Status Rate TCS	Status Rate CGS*
12/18/2019	610,969	28	39	19	Avail	Avail	Avail	Avail
12/19/2019	633,077	26	29	22	Avail	Avail	Avail	Avail
12/20/2019	569,245	29	36	22	Avail	Avail	Avail	Avail
TOTAL	1,813,291							
1/28/2021	635,344	27	33	23	Avail	Avail	Avail	Avail
1/29/2021	677,652	24	29	19	Avail	Avail	Avail	Avail
1/30/2021	570,260	30	35	25	Avail	Avail	Avail	Avail
TOTAL	1,883,256							
1/29/2022	748,912	17	24	12	Avail	Int	Avail	N/A
1/30/2022	667,611	23	27	19	Avail	Int	Avail	N/A
1/31/2022	629,552	28	35	24	Avail	Int	Avail	N/A
TOTAL	2,046,075							
12/23/2022	728,437	17	47	8	Avail	Int	Avail	N/A
12/24/2022	761,932	18	22	10	Avail	Int	Avail	N/A
12/25/2022	657,876	23	28	17	Avail	Int	Avail	N/A
TOTAL	2,148,245							
1/15/2024	605,525	27	28	26	Avail	Avail	Avail	N/A
1/16/2024	687,045	23	30	14	Avail	Avail	Avail	N/A
1/17/2024	698,763	23	26	18	Avail	Avail	Avail	N/A
TOTAL	1,991,333							

*Rate CGS was removed effective 7/1/2021 in Gas Rate Case Docket #R-2020-3018929.

Only partial information is available by rate class for the three-day peaks since some rate classes are not metered on a daily basis. A tabulation by rate class is shown below.

Rate Class	Description	Frequency of Meter Reading
TSI & IS	Interruptible transportation & sales	Daily
TSF & L	Firm transportation & sales	Daily
TCS	Interruptible by temperature	Daily
CGS	City Gate Sales	Daily
GC	Commercial firm sales	Monthly
GR	Residential firm sales	Monthly
MV-F	Motor vehicle-firm sales	Monthly
MV-I	Motor vehicle-interruptible sales	Monthly
OL	Outdoor lighting	Monthly

The usage by rate class for the three-day peaks for the last five send out years appears below. All figures are in Mcf.

Date	TSI/IS	TSF/L	TCS	GC	GR	Others*	Total Mcf
12/18/2019	53,823	45,249	1,379	169,119	340,127	1,272	610,969
12/19/2019	54,249	46,513	1,434	175,881	353,728	1,272	633,077
12/20/2019	50,678	45,266	1,274	156,336	314,419	1,272	569,245
1/28/2021	46,076	50,749	634	172,960	363,538	1,387	635,344
1/29/2021	47,456	51,174	681	186,003	390,951	1,387	677,652
1/30/2021	48,221	50,235	555	151,478	318,384	1,387	570,260
1/29/2022	45,850	53,364	509	209,477	438,148	1,564	748,912
1/30/2022	46,332	52,836	446	183,215	383,218	1,564	667,611
1/31/2022	46,649	53,025	415	170,751	357,148	1,564	629,552
12/23/2022	47,128	47,922	87	210,619	420,886	1,795	728,437
12/24/2022	37,096	42,413	94	226,971	453,564	1,795	761,932
12/25/2022	41,035	45,944	78	189,780	379,244	1,795	657,876

PECO Energy Company (Gas Division)

PUC 1307 (F) Filing

Date	TSI/IS	TSF/L	TCS	GC	GR	Others**	Total Mcf
1/15/2024	40,847	46,634	300	169,191	347,022	1,531	605,525
1/16/2024	41,156	48,258	346	195,261	400,493	1,531	687,045
1/17/2024	46,031	49,354	349	197,143	404,354	1,531	698,763

** Rates MV-F, MV-I, OL, CGS, L, IS, Interdepartmental

Section 16

OVERVIEW OF THE METHODOLOGY

The key steps used to determine the design day requirement are listed below. Each step is explained in detail following this overview.

- STEP 1** Establish the design day temperature.

- STEP 2** Gather daily load and temperature data from the past winter seasons.

- STEP 3** Perform a linear regression analysis of firm demand versus average temperature for the day.

- STEP 4** Determine the total projected design day requirement for the next winter season by adding a firm load growth component and the firm standby sales requirement for transportation customers.

- STEP 5** Project the design day requirement for the next 10 years using the result obtained in step 4.

STEP 1 - BASIS FOR THE DESIGN DAY TEMPERATURE

PECO Energy Company (“PECO”) uses a design temperature of zero degrees Fahrenheit. This design temperature is the average of hourly temperatures over a 24-hour period. PECO does not use a reserve factor in its design day planning.

The design temperature of zero degrees is a reasonable compromise between reliability and cost. It provides assurance that firm service customers are not likely to

face service interruptions and keeps the costs for peak day capacity at an acceptable level.

The following table shows the lowest 24-hour average temperatures measured in each winter season for the last 30 years.

Winter Season	Lowest Daily Average Temperature (degrees Fahrenheit)
94-95	13
95-96	10
96-97	12
97-98	25
98-99	21
99-00	14
00-01	19
01-02	27
02-03	15
03-04	12
04-05	13
05-06	21
06-07	13
07-08	19
08-09	12
09-10	18
10-11	18
11-12	21
12-13	17
13-14	11
14-15	10
15-16	15
16-17	19
17-18	11
18-19	14
19-20	26
20-21	24
21-22	17
22-23	17
23-24	20

STEP 2 - DAILY LOAD AND TEMPERATURE DATA

PECO's customer base is segregated into two general categories, firm and interruptible. These categories are then further separated into customer classes: residential, commercial, and industrial.

Firm customers receive uninterrupted delivery of gas and can be found in all customer classes. Firm load has two components, base and variable. Base load can be clearly identified in the summer and consists of residential and commercial customers using appliances such as water heaters and gas ranges, and industrial customers utilizing gas for processes. Base load is not sensitive to daily temperature changes. Variable load, which is highly sensitive to temperature changes, can be found in all customer classes and normally is the result of using natural gas as a heating source.

Customers in the interruptible category are generally large industrial or commercial entities and electric power generators. Interruptible customers receive a reduced rate on the condition that service will be interrupted at various times throughout the year. The interruptible rates offered by PECO are: TCS - Temperature Controlled Service, CGS - City Gate Service, IS - Interruptible Sales Service, TS-I - Transportation Service-Interruptible, and MV-I – Motor Vehicle Interruptible.

TEMPERATURE DATA

PECO's weather data is measured at the Philadelphia Airport by its weather data vendor, DTN. Daily average temperatures are computed from hourly readings. Temperature averages are computed using the gas day, which falls from 10am-10am daily.

LOAD MEASUREMENT

PECO measures daily gas use by its largest commercial and industrial customers, typically served by both firm and interruptible transportation service. This measurement is accomplished by an automatic meter reading system. Each meter serving a customer has an electronic module that transmits data over telephone lines at one or more times throughout the day to PECO for purposes of determining usage and billing. Use of gas by small commercial and residential customers is measured daily then aggregated by month.

DETERMINATION OF THE FIRM DAILY DEMAND

PECO's design day projection is based solely on firm load requirements. The projection assumes that on the design day all of PECO's interruptible sales and interruptible transportation services--Rates IS, CGS, TCS, MV-I and TSI--are fully interrupted. Interruption is necessary to assure adequate supplies and distribution system capacity to serve firm requirement customers.

The analysis is based on data from the five most recent winters. To obtain this information, the following steps are performed:

1. Daily winter load figures are retrieved where the average temperature is 50 degrees Fahrenheit or below.
2. The data values are normalized to the current year to account for prior year growth and the different average BTU content experienced year-to-year.
3. The firm system daily demand is computed by subtracting the large commercial and industrial load, which is measured daily, from the total gas sendout for each

day. This temperature and demand information is then used in a linear regression analysis.

STEP 3 - LINEAR REGRESSION ANALYSIS

A linear regression analysis is performed using the firm demand as the dependent variable and the daily average temperature as the explanatory independent variable. The line resulting from the analysis is called the regression or least squares line. The line is placed so that the sum of the squares of the deviation is minimized. Graph A demonstrates the relationship between temperature, shown on the x axis, and system firm daily demand, shown on the y axis.

Regression analysis determines the nature of the linear relationship between two interval or ratio scale variables, while correlation analysis measures the strength of the linear relationship between them. Correlation analysis provides the Coefficient of Correlation, r . This number indicates both the direction and the strength of the linear relationship between the dependent variable (y), firm demand, and the independent variable (x), temperature.

When r is negatively sloped, as shown on Graph A, the firm demand and temperature are inversely related. The larger the absolute value of r , the stronger the linear relationship between firm demand and temperature. If $r = -1$ or $r = +1$, the regression will actually include all of the data points. The r factor for this analysis is 0.970.

Another measure of the strength of the relationship is the Coefficient of Determination, r squared. Its numerical value is the proportion of the variation in y , firm

demand that is explained by the regression line. That is, the total variation in y versus the unexplained variation in x. This analysis shows an r squared value of 0.9413.

The regression analysis indicates a daily firm load requirement of 896,648 MCF at zero degrees, which represents the daily firm requirement of residential and small commercial customers. Temperature dependent load is 13,960 MCF per degree.

STEP 4 - DETERMINE THE TOTAL PROJECTED DESIGN DAY REQUIREMENT FIRM STANDBY REQUIREMENTS FOR GAS TRANSPORTATION CUSTOMERS

PECO also must include its firm standby sales service obligation in its design day projection. This service is a form of firm sales provided to firm transportation customers under Rate TS-F that purchase this service. It serves two purposes - first, standby sales service provides a back-up sales service to the customer's transportation supplies. If transportation supplies cannot be delivered by the pipelines or are not available for any reason, the customer can purchase gas from PECO under standby sales service. The second reason for standby sales service is to preserve the customer's right to return to traditional sales service. If customers wish to discontinue transportation service, they can automatically resume purchases from PECO as sales customers. The daily standby sales service requirement is 1,147 MCF and is based on the sum of the standby sales quantities for Rate TS-F customers.

FIRM LOAD GROWTH

The design day projection also must reflect expected base and variable load growth through March 2024. This is a result of additions to the customer base.

Projected daily firm load growth from residential and commercial classes is 4,126 MCF.

Customer Class	Number of Customers Added	Estimated Design Day Requirement
Residential	3,177	1,986 MCF
Commercial	620	2,139 MCF

PROJECTED DESIGN DAY REQUIREMENT

The following is a summary of all previously discussed elements of the design day requirement. The total design day requirement is projected to be 902,036 MCF for the 2024-2025 winter season. This requirement is based on a design day temperature of zero degrees Fahrenheit, and no reserve factor is included in projecting the design day requirement.

Firm Load from Regression Analysis	896,648 MCF
Firm Standby Sales Requirement	1,262 MCF
Firm Load Growth.....	<u>4,126 MCF</u>
Total Design Day Req. 2024-2025 Winter.....	902,036 MCF

COMPARISON OF AVAILABLE RESOURCES WITH THE PROJECTED DESIGN DAY REQUIREMENT

The resources listed in the table below are expected to be available for the 2024-2025 winter. A surplus of 4,099 MCF is projected between the design day requirements and current resources. In years where PECO does not anticipate a surplus, PECO will use a combination of resources such as bundled peaking services and delivered services to satisfy the deficit.

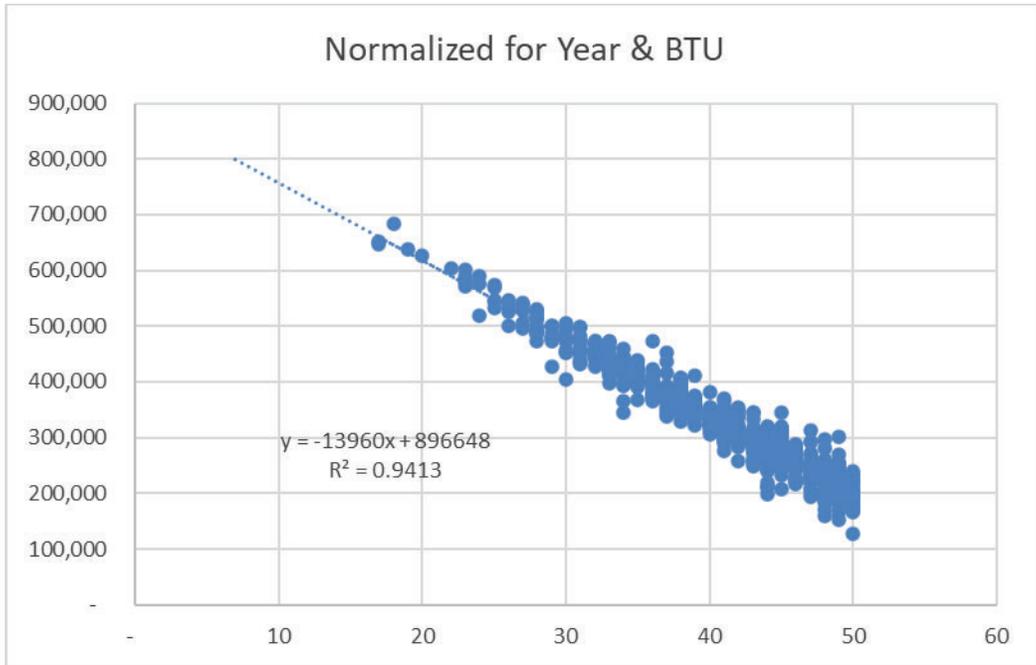
Supplies Delivered on FT Contracts	421,000 MCF
Storage Withdrawals.....	241,426 MCF
LNG.....	190,000 MCF
Propane.....	24,807 MCF
Delivered Hedged Contracts.....	<u>28,902 MCF</u>
Total Resources.....	906,135 MCF

STEP 5 - 10 YEAR PROJECTION OF THE DESIGN DAY REQUIREMENT

The design day figure for the 2024-2025 winter season is used to project the design day requirement for the next ten years. The requirement is assumed to increase at the same rate as the total firm sales.

Winter Season	Projected Firm Sales MMCF/Year	Projected Design Day Requirement MCF/Day
2024-2025	67,496	902,036
2025-2026	68,390	913,984
2026-2027	69,058	922,905
2027-2028	69,866	933,703
2028-2029	71,068	949,766
2029-2030	71,167	951,096
2030-2031	71,267	952,428
2031-2032	71,366	953,761
2032-2033	71,466	955,096
2033-2034	71,566	956,433

GRAPH A



Section 17 - Projected 10-Year Minimum Gas Requirements

The following is an analysis of data demonstrating the minimum gas entitlements needed to provide reliable and uninterrupted service, on a projected future basis, to firm customers during peak periods. The projected minimum gas requirements needed to serve firm sales customers over the next 10 years are shown in the tables below. Requirements for annual, winter, and design day time periods are included.

Table 1 - Firm Gas Requirements for Normal Weather (4,381 Degree Days)

Year	Annual Mdth	Winter Period (Nov. 1 to Mar. 31) Mdth	Design (0 degrees F Avg.) Mdth/day
2024	71,812	53,672	936
2025	72,764	54,383	949
2026	73,474	54,914	958
2027	74,334	55,557	969
2028	75,612	56,512	986
2029	75,718	56,591	987
2030	75,824	56,670	988
2031	75,930	56,749	989
2032	76,037	56,829	990
2033	76,143	56,909	991

Table 2 - Firm Gas Requirements for Design Weather (4,819 Degree Days)

Year	Annual Mdth	Winter Period (Nov. 1 to Mar. 31) Mdth	Design Day (0 degrees F Avg.) Mdth/day
2024	76,359	58,219	936
2025	77,371	58,990	949
2026	78,126	59,566	958
2027	79,040	60,263	969
2028	80,399	61,299	986
2029	80,512	61,385	987
2030	80,625	61,471	988
2031	80,737	61,556	989
2032	80,851	61,643	990
2033	80,964	61,730	991

Section 18 – Three-day peak by customer class, including transportation customers.

See Section 15 for 3-day peak information.

Section 19 – Design Peak Day requirements by customer class

Please refer to the below Peak Day requirements by customer class.

Company Name: PECO Energy Company (Gas Services Group)
FORM-IRP-GAS-1B. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Cubic Feet (MMCF)

	Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
		-2 2022	-1 2023	0 2024	1 2025	2 2026	3 2027

FIRM REQUIREMENTS

01	Retail Residential	385	358	565	572	576	582
02	Retail Commercial	229	213	336	341	346	351
03	Retail Industrial	-	-	-	-	-	-
04	Electric Power Generation	-	-	-	-	-	-
05	Exchange w/other utilities	-	-	-	-	-	-
06	Unaccounted for	-	-	-	-	-	-
07	Company use	1	1	1	1	1	1
08	Other	-	-	-	-	-	-
09	Subtotal Firm	614	572	902	914	923	934

INTERRUPTIBLE REQUIREMENTS

10	Retail	-	-	-	-	-	-
11	Electric Power Generation	-	-	-	-	-	-
12	Electric Power Generation	-	-	-	-	-	-
13	Subtotal Interruptible	-	-	-	-	-	-
14	Subtotal Firm & Interruptible	614	572	902	914	923	934

TRANSPORTATION SERVICE

15	Firm	56	73	70	70	70	70
16	Interruptible	91	86	-	-	-	-
17	Electric Power Generation	-	-	-	-	-	-
18	Subtotal Transportation	148	159	70	70	70	70
19	Total Gas Requirements	678	731	972	984	993	1,004

Section 20 - Design Peak-Day Sources of Supply.

Please refer to the below Peak Day information (January 1 through December 31).

Company Name: PECO Energy Company (Gas Services Group)
FORM-IRP-GAS-2A. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

	Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
		-2 2022	-1 2023	0 2024	1 2025	2 2026	3 2027

GAS SUPPLY

01	Transco FT - 003693 (less WSS Withdrawal)	33	43	103	103	103	103
02	Texan Eastern CDS 800407	46	47	44	44	44	44
03	Texas Eastern 910510	7	7	34	34	34	34
04	Texan Eastern FT-1 800231	-	-	34	34	34	34
05	Eastern Shore FT-1	6	7	8	8	8	8
06	Transco Zone 6 FT Leidy	-	-	29	29	29	29
07	UGI	1	1	3	3	3	3
08	Texas Eastern FTS-2 330614	13	13	13	13	13	13
09	Transco FT PS 5000	4	4	4	4	4	4
10	Transco Sentinel	-	-	24	24	24	24
11	Texas Eastern M2/Riverside Bridge 800503	-	-	28	28	28	28
12	Transco Regional Energy Access	-	-	75	75	75	75
13	Adelphia	-	-	22	22	22	22
	Subtotal Supply Contracts	112	123	421	421	421	421
14	Seasonal Purchases	344	203	25	37	46	57
15	Underground Storage Withdrawal	147	221	241	241	241	241
16	LNG Storage Withdrawal	12	25	190	190	190	190
17	Propane/Air	-	-	25	25	25	25
18	Low Volume Transportation	-	-	-	-	-	-
	Total Gas Supply for Sales	614	572	902	914	923	934
	Total Transportation Service	148	159	70	70	70	70
	TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	762	731	972	984	993	1,004

Section 21 - Maximum Design Peak Day Throughput by Supply Source.

See Section 20 for maximum design peak day sources of supply.

RELIABILITY AND SUPPLY PLANS

A. Overview. Pursuant to Sections 1317(c) and (d) of the Public Utility Code (66 Pa. C. S. §§1317(c) and (d)), PECO Energy Company (PECO) is required to submit, as part of its filing under Section 1307(f) of the Public Utility Code (66 Pa. C. S. §§1307): (1) a reliability plan; and (2) a supply plan. For PECO, the reliability plan includes descriptions of (a) the projected peak day and seasonal requirements of firm customers that utilize the distribution system during the 12-month projected period specified in Section 1307(f)(1) of the Public Utility Code; and (b) the transportation capacity, storage, peaking or on-system production that ensures deliverability of the natural gas supplies necessary to meet such projected period peak day and seasonal requirements. The supply plan that PECO is required to file must set forth its proposed plan for the acquisition or receipt of natural gas supplies.

B. Reliability Plan.

(1) Peak Day. PECO, as discussed in Section 16, has a winter design day requirement of 902,036 mcf or 936,313 dth. PECO plans to meet its design day demand requirement by utilizing its various sources of firm transportation (FT) capacity and gas supply. These sources of FT capacity and supply will typically be used in the following order:

First, PECO will use its long-term gas supply contracts, which feed into its FT capacity on Transco, Texas Eastern and Adelphia to deliver 436,998 dth to its citygate on the peak day.

Second, PECO will supplement the supply from its long-term gas supply contracts with supplies withdrawn from storage and delivered under storage-related firm transportation contracts. The total delivered storage available for delivery on a peak day is 250,600 dth.

Third, PECO will utilize its two peaking facilities to inject firm supplies directly into its distribution system. PECO's LNG facility will provide 197,220 dth on a peak day, and its propane facility will provide another 25,750 dth on a peak day.

Finally, PECO will supplement these services with other firm winter delivered services totaling 25,745 dth per day. All or a portion of the winter delivered service requirement may be supplied by Natural Gas Suppliers (NGSs) under PECO's Gas Choice Program, if they elect the delivered service option. This supply will be obtained in the summer of 2024 for delivery to PECO's citygate starting in December 2024, through an RFP process.

As shown below, the sources of capacity and supply identified above, in total, meet the aforementioned peak-day requirement of 936,313 dth:

1.	Pipeline FT Deliveries	436,998	dth
2.	Pipeline Storage Deliveries	250,600	dth
3.	Peaking Facilities	220,970	dth
4.	Delivered Winter Services ¹	25,745	dth
	Total	936,313	dth

(2) Seasonal Requirements. PECO’s annual requirements can be split into two separate seasons: 1) the winter period of November-March; and 2) the summer period of April-October. The two seasons typically exhibit starkly different demand requirements because they have significantly different levels of experienced heating degree-days.

While varying from month to month and with actual weather conditions, the 2024-2025 winter season is projected to exhibit increasing demand in November (average day of 257,720 dth) and December (average day of 362,839 dth), a peak month in January (average day of 407,537 dth), and waning demand in February (average day of 377,826 dth) and March (average day of 271,994 dth). As previously explained, PECO will satisfy these demand requirements by generally first using its base load supplies delivered on its interstate pipeline FT capacity and, as temperatures decline, using pipeline storage withdrawals, peaking facility supplies, and other sources of supply generally in that order. Daily swings in demand will generally be accommodated with no-notice withdrawals from, or injections to, storage and purchases of spot supplies on an economic basis.

The 2024 summer season is projected to exhibit less on-system demand. However, the summer season also is the time to inject gas into storage for withdrawals the following winter. PECO projects that average-day on-system demand will decline from 137,567 dth/day in April to a low of 49,987 dth/day in August and then increase gradually through October (average day of 90,659 dth). Storage injections during this period are projected to average 68,524 dth per day. Typically, all demand and storage injections will be satisfied with gas supplies flowing on interstate pipeline FT capacity. Just as in the winter season, daily swings in demand will generally be accommodated by

¹ For the winter of 2024-2025, PECO has entered into two types of winter delivered supply contracts that reduce the quantity required to be obtained via RFP to meet its peak day demand. First, PECO has entered into a contract for a 10-day call option for 40,000 dth/day of delivered supply priced at summer index prices plus demand charges. And second, PECO, through its approved hedging program, entered into fixed price delivered supply contracts equal to 30,000 Dth/d.

withdrawals from, or injections to, storage and purchases of spot supplies on an economic basis.

(3) Reliability of Supply. PECO ensures firm supply service through its contractual arrangements with reliable suppliers. All of PECO's long-term supply contracts and delivered peaking service contracts contain liquidated damages clauses for non-performance. PECO's asset management agreements, where a third-party manages PECO's storage and related transportation contracts for a fee, also contain liquidated damages clauses. PECO has experienced no instances of failure-to-perform on its long-term gas supply and asset management agreements, which it attributes to the selection of reputable, reliable suppliers and asset managers as well as arranging for supply deliveries from diverse, liquid, geographic sources.

C. Supply Plan. As demonstrated throughout this filing, PECO satisfies the demand requirements of its customers through a combination of long-term contracts, summer injection contracts, winter season contracts, and spot gas purchase contracts. These sources provide PECO with significant flexibility in terms of price and volume. The long-term contracts generally feed into interstate pipeline capacity for delivery into the PECO gas distribution system, while the summer injection gas flows on pipeline FT for injection into storage. Winter season purchases are typically delivered directly to the PECO gas distribution system at pipeline citygate interconnections. Spot purchases can be delivered directly to PECO as well as into pipeline FT capacity for subsequent delivery to PECO. As PECO's customers transfer to NGSs for their gas supply, PECO will need to purchase less gas on average but will need to retain sufficient resources to satisfy its Supplier of Last Resort Obligations.



pecoSM

AN EXELON COMPANY

Richard G. Webster, Jr.
Vice President
Regulatory Policy & Strategy

Telephone 215.841.5777
Fax 215.841.6208
www.peco.com
dick.webster@peco-energy.com

PECO
2301 Market Street
S15
Philadelphia, PA 19103

May 31, 2024

Via E-Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265

SUBJECT: PECO Purchased Gas Cost No. 41, Effective December 1, 2024
Docket No. R-2024-3048767, Supplement No. 15 to Gas Service Tariff No. 5

Dear Secretary Chiavetta:

This letter transmits for filing with the Pennsylvania Public Utility Commission (the "Commission") the Purchased Gas Cost ("PGC") No. 41 filing of PECO Energy Company, consisting of the following:

1. Statement No. 1 – Direct Testimony of Suzette E. Adams
2. Statement No. 2 – Direct Testimony of Scott J. Hughes (including exhibit)
3. Statement No. 3 – Direct Testimony of Julie S. Drezner (including exhibits)
4. Statement No. 4 – Direct Testimony of Anthony P. DiFelice (including exhibits)

As required by Commission Order entered December 6, 1985, at Docket No. P-850081, the Company has begun the advance public notice of the proposed gas rate changes contained in the PGC No. 41 filing through bill inserts and newspaper advertisements.

Additionally, this package is being served only via email to those on the Certificate of Service, per their requests for electronic service only.

Rosemary Chiavetta, Secretary
May 31, 2024
Page 2

All correspondence, pleadings and other documents should be sent electronically to the attention of:

Jack R. Garfinkle, Esquire
Associate General Counsel
PECO Energy Company 2301
Market Street, S23-1
Philadelphia, PA 19103
Email: Jack.Garfinkle@exeloncorp.com

Courtney L. Schultz, Esquire
SAUL EWING LLP
Centre Square West
1500 Market Street, 38th Floor
Philadelphia, PA 19102
Email: Courtney.Schultz@saul.com

Adesola K. Adegbesan, Esquire
Assistant General Counsel
PECO Energy Company 2301
Market Street, S23-1
Philadelphia, PA 19103
Email: Adesola.Adegbesan@exeloncorp.com

Shane P. Simon, Esquire
SAUL EWING LLP
Centre Square West
1500 Market Street, 38th Floor
Philadelphia, PA 19102
Email: Shane.Simon@saul.com

Sincerely,



Richard G. Webster, Jr
Vice President
Regulatory Policy & Strategy

cc: K. Hafner, Director, Office of Special Assistants (via e-mail only)
P. T. Diskin, Director, Bureau of Technical Utility Services (via e-mail only)
K. Monaghan, Director, Bureau of Audits (via e-mail only)

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PENNSYLVANIA PUBLIC UTILITY
COMMISSION**

v.

PECO ENERGY COMPANY

:
:
:
:
:
:

Docket No. R-2024-3048767

CERTIFICATE OF SERVICE

I hereby certify that I am this day serving a true copy of the PECO’s Annual 1307(f) Purchased Gas Cost Filing upon the participants listed below in accordance with the requirements of 52 Pa. Code Section 1.54 (relating to service by a participant).

Via E-File

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265
rchiavetta@pa.gov

Via Email

NazAarah Sabree, Small Business Advocate
Steven C. Gray, Esquire, Senior Attorney &
Assistant Small Business Advocate
Office of Small Business Advocate
Forum Place, 1st Floor
555 Walnut Street
Harrisburg, PA 17101-1923
sgray@pa.gov
Counsel for OSBA

Via Email

Allison Kaster, Esquire
Director
Pennsylvania Public Utility Commission
Bureau of Investigation & Enforcement
400 North Street, 2nd Floor West
Harrisburg, PA 17105-3265
akaster@pa.gov
Counsel for I&E

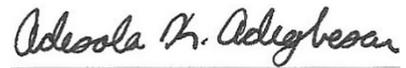
Via Email

Charis Mincavage, Esquire
Adeolu A. Bakare, Esquire
Harrison Ryan Block, Esquire
McNees Wallace & Nurick, LLC
100 Pine Street
Harrisburg, PA 17101
cmincavage@mcneeslaw.com
abakare@mcneeslaw.com
rblock@mcneeslaw.com
Counsel for PAIEUG

Via Email

Melanie Joy El Atieh
Deputy Consumer Advocate
Emily A. Farren, Esquire
Assistant Consumer Advocate
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923
MElAtieh@paoca.org
EFarren@paoca.org
Counsel for OCA

Dated: May 31, 2024



Adesola K. Adegbesan, Esquire
PECO Energy Company
2301 Market Street, S23-1
Philadelphia, PA 19103
Phone: 267-533-2126

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PENNSYLVANIA PUBLIC UTILITY COMMISSION
V.
PECO ENERGY COMPANY**

Docket No. R-2024-3048767

**DIRECT TESTIMONY
OF
SUZETTE E. ADAMS**

PECO STATEMENT NO. 1

TABLE OF CONTENTS

I. INTRODUCTION.....	1
II. PURPOSE OF TESTIMONY	2
III. HISTORIC AND PROJECTED NATURAL GAS PURCHASES	4
IV. DESIGN DAY REQUIREMENTS.....	7
V. PECO’S NATURAL GAS PURCHASE POLICIES AND PRACTICES.....	7
VI. REGIONAL AND SUSTAINABLE NATURAL GAS ACQUISITION STRATEGY	20
VII. CONCLUSION	21

1 center, and was the Chief of Staff to the Chief Customer Officer (CCO) in Customer
2 Operations.

3 **5. Q. Please identify your current job responsibilities.**

4 A. In May 2022, I became the Senior Manager of PECO's Gas Supply &
5 Transportation Department. In this position, I manage all aspects of PECO's
6 natural gas supply acquisition portfolio including contract negotiation,
7 administration and accounting, gas supply procurement, risk management, off-
8 system sales and capacity release, and long and short-term supply planning. This
9 includes management and optimization of upstream pipeline storage assets and
10 pipeline transportation, as well as decisions on hedging strategies for future
11 supplies. I am also responsible for reviewing all gas supply and capacity costs and
12 providing testimony regarding all gas acquisition activities at the annual
13 Pennsylvania Public Utility Commission (the "Commission") Purchased Gas Cost
14 Proceeding. In addition, I am also responsible for oversight of the high-volume
15 transportation program and management of Federal Energy Regulatory issues
16 impacting PECO Gas and its customers.

17 **II. PURPOSE OF TESTIMONY**

18 **6. Q. What is the purpose of your Direct Testimony in this proceeding?**

19 A. The purpose of my Direct Testimony is to present the information required in
20 Section 1317(a) of the Pennsylvania Public Utility Code (the "Code") (*See* 66 Pa.
21 C.S.A. § 1317(a)) so that the Commission may make the findings required by
22 Section 1318 of the Code (*See* 66 Pa. C.S.A. § 1318) for a determination that
23 PECO's PGC rates and charges for the historic period (April 1, 2023 through March
24 31, 2024), the estimated period (April 1, 2024 through November 30, 2024) and the

1 PGC application period (December 1, 2024 through November 30, 2025) are just
2 and reasonable. To that end, I am sponsoring the information previously filed by
3 the Company on April 30, 2024 (the “Advance Information”) in support of this
4 year’s purchased gas cost proceeding (“PGC 41”). Additionally, I will describe the
5 Company’s natural gas purchase policies and practices, including PECO’s use of
6 natural gas pipeline transportation and storage contracts, and set forth its plans for
7 evaluating and continuing to incorporate Marcellus Shale production into its supply
8 portfolio.

9 **7. Q. Are you sponsoring any exhibits?**

10 A. No, I am not sponsoring any exhibits. However, as previously mentioned, I am
11 sponsoring the Advance Information, which has been separated into Sections 1
12 through 22, and which correspond, generally, to the PGC filing requirements set
13 forth in 66 Pa. C.S.A § 1317.

14 **8. Q. Please provide a general description of PECO’s natural gas system.**

15 A. PECO’s natural gas system is located in Southeastern Pennsylvania and serves the
16 four-county area surrounding, but not including, the City of Philadelphia and a
17 portion of Lancaster County. Because this is not a natural gas-producing region,
18 PECO and its natural gas customers depend on the interstate natural gas pipeline
19 system to deliver natural gas into PECO’s distribution system. This dependency
20 applies to all natural gas supplies, storage, and interstate transportation services,
21 except for PECO’s two on-system peak-shaving facilities. For a schematic of
22 PECO’s natural gas system, please refer to Section 13 of the Advance Information.

1 **9. Q. Please identify PECO’s interstate transmission suppliers.**

2 A. Texas Eastern Transmission, LP (“Texas Eastern”), Transcontinental Gas Pipeline
3 Corporation (“Transco”), Eastern Shore Natural Gas Company (“Eastern Shore”),
4 and Adelpia Gateway are the four interstate natural gas pipelines that deliver
5 natural gas directly to PECO’s city gates. In addition, Eastern Gas Transmission
6 and Storage, Inc. (“EGTS”), Texas Eastern, and Transco also provide natural gas
7 storage services, which PECO uses to meet winter daily and peaking requirements.
8 In the case of EGTS’ storage service, intermediate transportation service from
9 Texas Eastern is required to deliver the natural gas to PECO’s city gate.

10 **III. HISTORIC AND PROJECTED NATURAL GAS PURCHASES**

11 **10. Q. Please describe the information provided in Section 1 of the Advance**
12 **Information.**

13 A. The information provided in Section 1 of the Advance Information accounts for all
14 of the Company’s purchased natural gas costs during the period from January 1,
15 2023 through March 31, 2024 and includes the source of the natural gas, the price
16 and the associated volumes. This information also includes applicable rates,
17 demand components, and incremental purchased natural gas costs associated with
18 contracted interstate pipeline transportation and storage services. All costs detailed
19 in Section 1 result from applying the Company’s policy to purchase natural gas on
20 a basis that ensures system reliability at the least-cost.

1 **11. Q. During the past 12 months, did PECO purchase natural gas from any affiliated**
2 **interest?**

3 A. No, PECO did not purchase natural gas from any affiliated interest during the past
4 12 months.

5 **12. Q. Has PECO withheld or caused to be withheld from the market any natural gas**
6 **supplies which should have been utilized as part of a least-cost fuel**
7 **procurement policy?**

8 A. No. Because PECO is neither a natural gas producer nor a wholesale market
9 participant of significant size or scope, it could not benefit from withholding any
10 natural gas supplies from the market. For these same reasons, PECO has no market
11 power in the pipeline capacity market. PECO only engages in purchases related to
12 providing natural gas service to its retail customers and a small amount of off-
13 system sales from which its retail customers derive substantial benefit.

14 **13. Q. Has PECO included in its PGC rates any purchased natural gas costs that**
15 **should be charged to transportation customers?**

16 A. No. When a transportation customer uses PECO's purchased natural gas under
17 Rate IS ("Interruptible Service"), these fuel costs are excluded from costs to be
18 recovered from PECO's PGC customers. In addition, PECO provides Standby
19 Sales Service for firm and interruptible transportation customers whereby those
20 customers may purchase natural gas from the Company at the standard retail rate
21 should a customer's supplier fail to deliver gas. The demand charge revenues
22 derived from Standby Sales Service are credited toward recovery of purchased
23 natural gas costs through the Section 1307(f) mechanism. If a firm transportation

1 (“FT”) customer fails to elect Standby Sales Service and nevertheless uses PECO’s
2 purchased natural gas to make up for deficient supplier deliveries, or if an
3 interruptible customer consumes unauthorized volumes, the customer is charged
4 tariff rates for the natural gas used and assessed a penalty for the delivery
5 deficiency. These penalty revenues are also credited to PECO’s PGC customers.

6 **14. Q. Please describe the information provided in Sections 6 and 7 of the Advance**
7 **Information.**

8 A. Sections 6 and 7 of the Advance Information provide the projected cost of
9 purchasing natural gas for the estimated period (April 1, 2024 through November
10 30, 2024) and the PGC application period (December 1, 2024 through November
11 30, 2025), respectively. This information includes the expected source of the
12 natural gas, the price, and the associated volumes. The projected purchases reflect
13 the Company’s policy to purchase natural gas on a basis that ensures system
14 reliability at the least-cost. Sections 6 and 7 of the Advance Information include
15 all projected interstate pipeline costs, storage demand costs, variable storage and
16 fuel-related costs, and commodity costs for the relevant time periods. As shown in
17 Section 6 of the Advance Information, the total projected cost applicable to the PGC
18 for the estimated period is approximately \$120.228 million. As shown in Section
19 7 of the Advance Information, the total projected cost applicable to the PGC for the
20 application period is approximately \$318.721 million.

1 **IV. DESIGN DAY REQUIREMENTS**

2 **15. Q. Have you provided an overview of the methodology the Company employs to**
3 **determine design day requirements?**

4 A. Yes. Details of PECO's design day methodology and a description of its 2024-
5 2025 winter design day requirements are included in Section 16 of the Advance
6 Information. As described in Section 16, PECO's supply resources, combined with
7 peaking and delivered supply, will satisfy the Company's design day requirement
8 of 902,036 Mcf for the 2024-2025 winter season.

9 **16. Q. Is PECO proposing a change to its design day as a result of its experience**
10 **during the 2023-2024 winter season?**

11 A. No. PECO's design day methodology, as well as system performance this past
12 winter, supports the continued use of a zero degree design day.

13 **V. PECO'S NATURAL GAS PURCHASE POLICIES AND PRACTICES**

14 **17. Q. Does PECO pursue a least-cost procurement policy?**

15 A. Yes, it does.

16 **18. Q. Please describe PECO's least-cost procurement policy.**

17 A. PECO's natural gas procurement policy is designed to achieve a reasonable balance
18 of long- and short-term natural gas purchases under different pricing approaches,
19 in order to achieve system supply reliability at the least-cost. As previously
20 discussed, the details of PECO's actual natural gas purchases for the fifteen (15)
21 months ending March 31, 2024 and its estimated purchases through November 30,
22 2025 are presented in the Advance Information (Sections 1, 6 and 7). PECO utilizes
23 its interstate transportation and storage entitlements to obtain and deliver market-
24 priced supplies to the PECO natural gas distribution system.

1 **19. Q. Please explain the practical implementation of the policy.**

2 A. PECO manages its least-cost procurement strategy through purchases made under
3 long-term (more than one month), such as purchases made in conjunction with the
4 Ratable Hedging Program and short-term (one month or less) contracts, and on the
5 daily spot market. Purchases made under long- and short-term contracts generally
6 use two pricing mechanisms: (1) daily or first-of-the-month indices; and (2)
7 adjusted New York Mercantile Exchange (“NYMEX”) futures pricing. Index-
8 based pricing refers to the use of either a first-of-the-month index at a particular
9 location, such as the index published in the *Inside FERC Gas Market Report*, or a
10 daily index at a particular location, such as those published in *Gas Daily*. NYMEX
11 futures pricing refers to the use of a selection of monthly natural gas futures prices
12 from a NYMEX futures contract pricing screen, or a monthly NYMEX settlement
13 price, plus or minus a negotiated locational basis. PECO receives bids from
14 suppliers for the lowest basis numbers, which, when added to the applicable
15 NYMEX futures price or NYMEX settlement price, affords PECO the least-cost
16 natural gas price at its city gate.

17 Spot purchases are made at either a daily index or a fixed price. PECO also
18 uses Requests for Proposals (“RFPs”) to obtain least-cost bids for natural gas
19 supplies. In this process, the bids may or may not contain a premium or discount
20 depending on the market and time of year.

21 Additionally, PECO continued and extended its Ratable Hedging Program
22 as authorized by the Joint Petition for Complete Settlement in last year’s PGC
23 proceeding at Docket No. R-2023-3040285.

1 **20. Q. Why does PECO employ a variety of pricing approaches rather than just one?**

2 A. PECO uses different pricing approaches to reduce the price volatility risk associated
3 with using only one approach. The flexibility of using different pricing methods
4 has enabled PECO to diversify its natural gas-purchasing portfolio. By employing
5 these various options, PECO reasonably limits its exposure to intra-month, monthly
6 and seasonal pricing volatility.

7 **21. Q. What other methods does PECO use to mitigate its exposure to price
8 volatility?**

9 A. One additional method PECO uses to mitigate its exposure to price volatility is to
10 use its interstate transportation contracts for supply purchases from geographically
11 diverse locations that have substantial liquidity. This allows PECO the flexibility
12 to analyze the market and optimize its purchases to reduce the price of natural gas
13 delivered to its city gate, considering both commodity and transportation costs.
14 PECO's interstate transportation capacity ensures access to supplies from the Gulf
15 of Mexico, mid-continent, and the Appalachian region, which includes Marcellus
16 Shale natural gas supplies from Pennsylvania and other Marcellus Shale natural
17 gas-producing areas.

18 PECO also mitigates its exposure to price volatility by using its interstate
19 pipeline storage entitlements. In addition to providing a source of wintertime
20 deliverability, access to pipeline storage allows PECO to purchase natural gas
21 during the summer period. The natural gas procured in the summer period can be
22 redelivered during periods of strong demand, when prices could potentially be

1 higher (typically, the winter period). However, summer prices for natural gas are
2 not always predictably lower than winter prices.

3 **22. Q. Does storage provide PECO with a substantial source of supply?**

4 A. Yes. As shown in Sections 16 and 22 of the Advance Information, 27.65% of the
5 Company's required design day supply, which equates to 250,600 Mcf, will be
6 received via delivery from contracted underground storage. In addition, LNG,
7 propane, and delivered peaking services combine to represent about 26.89% of the
8 required design day supply. Accordingly, as shown in Sections 16 and 22 of the
9 Advance Information, 190,000 Mcf are available from LNG, 24,807 Mcf are
10 available from propane, 28,902 Mcf are available from delivered hedged contracts.¹
11 Overall, the use of storage and LNG enables PECO to substantially mitigate its
12 exposure to the price volatility that typically occurs during the winter, while
13 ensuring sufficient deliverability to meet firm demand.

14 PECO plans to fill its contracted storage to approximately ninety-five
15 percent (95%) of capacity, in the aggregate, by October 31 of each year. For a
16 typical winter, PECO reduces the inventory of natural gas in its contracted storage
17 to approximately 20% of capacity by March 31 of each year. Additionally, PECO
18 can store 1.2 Bcf of natural gas at its on-system LNG facility, which is filled to
19 capacity during the summer liquefaction season.

¹ For the upcoming 2024-2025 winter, PECO entered into two types of winter-delivered supply contracts that reduce the quantity required to be obtained via RFP to meet its peak day. First, PECO has under contract a 10-day call option for 40,000 Dth/day of delivered supply priced at summer index prices plus demand charges. Second, PECO, through its approved hedging program, entered into fixed price delivered supply contracts equal to 30,000 Dth/day.

1 **23. Q. Are there limitations on PECO’s source of supply from its LNG facility, its**
2 **propane facility, or contracted storage?**

3 A. Yes, there are certain system operational considerations the Company must
4 consider when using LNG, propane, or storage supply. The LNG, propane, and
5 contracted underground storage tanks are filled during the summer months, and the
6 natural gas in those tanks must last through the winter months (November – March).
7 The Company closely monitors LNG, propane, and storage inventory, especially
8 from November through January, to ensure our ability to meet customer needs
9 through the winter and early spring.

10 **24. Q. Please explain PECO’s strategy to ensure system reliability.**

11 A. PECO’s reliability strategy is two-fold. First, PECO must ensure that sufficient
12 capacity exists to satisfy design day deliverability requirements. This capacity is
13 diversified into three categories: (1) pipeline FT capacity; (2) pipeline storage
14 capacity; and (3) peaking capacity. Peaking capacity refers to PECO’s LNG
15 facility, propane-air facility, and contracted peaking services with reliable third-
16 party suppliers.

17 Second, PECO must ensure that a firm source of supply exists to utilize the
18 capacity resources described above. PECO ensures the availability of firm supplies
19 through its contractual arrangements with its suppliers. PECO subjects all potential
20 counterparties to a credit analysis. If the credit analysis deems the counterparty
21 acceptable, PECO will negotiate a NAESB Agreement with the counterparty,
22 which enables PECO to procure natural gas at competitive prices for its PGC
23 customers.

1 25. Q. What was PECO’s experience regarding meeting customer demand this
2 past winter?

3 A. As illustrated in Table SA-1 below, PECO experienced a winter that was overall,
4 by degree day, 11.6% warmer than a normal winter. December was -17.4% colder
5 than normal.² Variations from normal weather by season, month, or day present
6 balancing challenges. These challenges can be exacerbated by certain factors. For
7 example, on warmer than normal days, they can be made worse by the increase in
8 firm supply receipts associated with the LVT Gas Choice program and the
9 Company’s Ratable Hedging Program, and on colder than normal days, by
10 exposure to market area price volatility and limited LNG, propane and underground
11 storage inventory. PECO utilized its balancing assets, such as contracted storage,
12 as well as its daily load balancing processes to minimize costs this past winter.

13 **Table SA-1**

Heating Degree Days (HDD)						
	November	December	January	February	March	Total
	2023	2023	2024	2024	2024	
HDD Normal	511	799	958	810	642	3,720
HDD Actual	540	660	872	714	503	3289
Difference	29	-139	-86	-96	-139	-431
HDD vs Normal	5.7%	-17.4%	-9.0%	-11.8%	-21.7%	-11.6%

14

² PECO defines a normal winter as 3,854 heating degree days (“HDD”).

1 **26. Q. Was there any impact on PECO’s contracted supply, or on the operation of**
2 **the Company’s on-system propane or LNG facilities for the duration of the**
3 **winter weather period?**

4 A. No. PECO did not experience any interruptions or reductions in its contracted
5 natural gas deliveries. Although the winter was relatively warm, the Company’s
6 propane and LNG facilities were available to operate in a safe and efficient manner
7 if needed; supplies from those assets remain crucial in allowing the Company to
8 meet the high customer demand experienced during the normal winter weather
9 periods.

10 **27. Q. Did PECO enter into any Off-System Sales where the purchase price exceeded**
11 **the sales price? If so, please explain.**

12 A. Yes. On April 14, 2023, to avoid potential pipeline penalties, PECO sold 18,000
13 Dth per day at \$1.2775/Dth against a purchase price of \$1.5575/Dth for a net loss
14 of \$5,040. The reasons for the sale were unseasonably warm weather, the projected
15 average temperature was within the less than 5% statistical probability range, Texas
16 Eastern issued an OFO warning for penalties for gas left on the pipe and also
17 because S-2 injections per contract are not available until April 16th of each year.

18 **28. Q. Did the past winter result in any new records for the Company’s natural gas**
19 **system sendouts?**

20 A. No. For context, Table SA-2 below, provides the top 20 highest sendout days in
21 the Company’s history.

Table SA-2

Rank	System Sendout MCF	System Sendout DTH	Date	Airport Temperature	Wind Speed
1	803,438	842,026	Saturday, January 6, 2018	11	13
2	793,273	829,341	Friday, January 5, 2018	12	21
3	777,457	826,437	Sunday, February 15, 2015	10	20
4	767,421	826,143	Thursday, February 19, 2015	11	19
5	779,424	820,160	Sunday, December 31, 2017	12	10
6	781,516	814182	Monday, January 21, 2019	16	13
7	779,531	813,851	Thursday, January 31, 2019	15	13
8	758,591	809,417	Tuesday, January 7, 2014	11	14
9	769,719	801927	Friday, February 1, 2019	15	13
10	765,275	798674	Wednesday, January 30, 2019	14	13
11	777,330	791653	Saturday, December 24, 2022	18	19
12	738,003	789,663	Friday, February 20, 2015	14	8
13	748,358	786,130	Monday, January 1, 2018	16	13
14	750,530	783,302	Thursday, January 4, 2018	19	22
15	748,912	775,873	Saturday, January 29, 2022	18	16
16	733,825	773,227	Tuesday, January 2, 2018	20	9
17	723,486	770,513	Wednesday, January 7, 2015	16	18
18	717,189	763,790	Saturday, February 13, 2016	15	17
19	734,810	763,436	Saturday, January 15, 2022	19	10
20	721,526	760,693	Thursday, December 28, 2017	17	9

1 **29. Q. Did PECO incur any pipeline penalties this past year?**

2 A. No, PECO did not incur any pipeline penalties this past year.

3 **30. Q. Did PECO's supply contracts perform as required during the winter of 2023-**
4 **2024?**

5 A. Yes. For the winter of 2023-2024, all natural gas scheduled under PECO's supply
6 contracts was delivered to PECO's city gate.

1 **31. Q. Based on its experience in recent winters, is PECO considering any changes to**
2 **its natural gas supply portfolio?**

3 A. Yes, while the Company believes that its current mix of FT, firm storage, propane,
4 LNG, and delivered peaking contracted services provides adequate peaking
5 capacity to ensure the system reliability necessary to meet peak demand in a safe,
6 least-cost manner at present, PECO continues to analyze supply portfolio and on-
7 system LNG solutions to address observations from experiences these past few
8 winters, as well as for peak-day demand projections. Although this past winter was
9 relatively mild, the Company's projected growth in design day and overall demand
10 supports the Company's continuing review of how to best manage its natural gas
11 supply portfolio. To that end, PECO has continued its examination of potential
12 long- and short-term solutions to assist in meeting customer demand during the
13 heating season, including peak-day demand. The results of this examination are
14 discussed below in response to Questions 34 through 36.

15 **32. Q. Please provide an update on the steps the Company took to ensure availability**
16 **of supply for the winter of 2023-2024.**

17 A. As described in the Direct Testimony in PECO's prior PGC proceedings,³ PECO
18 continues to analyze and adopt multiple solutions to procure reliable, least-cost
19 assets for both the short- and long-term peak day supply deficits. To that end, to
20 ensure the availability of winter delivery services for the winter of 2023-2024 (as
21 explained at page 2 of Section 22 of the Advance Information in PGC 40 (Docket

³ See Direct Testimony of Carlos P. Thillet (PGC 35 through 38) and Direct Testimony of Scott J. Hughes (PGC 39).

1 No. R-2023-3040285)), PECO took the following steps to acquire the 128,695 Dth
2 needed:

- 3 • PECO entered into a contract for a 10-day call option for 40,000 Dth/day of
4 delivered supply at summer index prices, plus demand charges;
- 5 • PECO procured 36,000 Dth/day of delivered supply via the Company's
6 approved Ratable Hedging program.
- 7 • PECO contracted for 32,922 Dth/day of REA early in-service capacity
8 October 2023
- 9 • PECO also procured a 10 day call option for 20,043 Dth/Day via an RFP
10 issued on September 11, 2023

11 **33. Q. Did PECO purchase any trucked LNG or propane under the aforementioned**
12 **call options and if so, why?**

13 A. No, PECO did not purchase any trucked LNG or propane under the aforementioned
14 call options.

15 **34. Q. How does the Company plan to ensure availability of supply for the winter of**
16 **2024-2025?**

17 A. PECO will utilize both short- and long-term solutions to address its supply needs
18 for the winter of 2024-2025. As to the short-term solutions, similar to previous
19 winters, PECO will depend on delivered supply in order to meet part of its design
20 day requirements.⁴ PECO has taken the following steps to ensure the availability
21 of the 70,000 Dth/day of required delivered supply:

- 22 • PECO has in place a multi-year contract for a 10-day call option for 40,000
23 Dth/day of delivered supply at summer index prices, plus demand charges;
24 and
- 25 • PECO will procure 30,000 Dth/day of delivered supply via the Company's
26 Ratable Hedging program.

⁴ PECO's design day requirements can be found at page 2 of Section 22 of the Advance Information.

1 In addition, PECO will take the following steps to obtain the remainder of
2 the delivered natural gas resources needed:

- 3 • On or before July 1, 2024, PECO will issue a notice of Additional Capacity
4 Constraints, as explained in the Company's DSO program, which is
5 anticipated to produce a similar yield as in prior years.
- 6 • PECO will issue an RFP for delivered supply equal to the total winter
7 delivered resources required, less those volumes obtained by the two
8 contracts and DSO program participation listed above.

9 **35. Q. Please describe the actions PECO is pursuing to address the longer term peak**
10 **day requirements through the winter of 2030-2031.**

11 A. To reduce reliance on delivered supply, the Company continues to investigate
12 longer term solutions. The objectives of the longer-term solution are to provide
13 PECO with a least-cost, reliable source of supply enabling the Company to meet its
14 firm demand, eliminate the peak-day supply gap, while providing deliveries to
15 PECO gate stations and further eliminating exposure to market area price volatility.
16 To that end, PECO is currently involved in two projects that will aid it in meeting
17 its long-term supply objectives.

18 First, PECO has continued its evaluation of participation in pipeline open
19 seasons as a way of securing additional cost-effective FT to PECO's City Gate. As
20 discussed below (also see the Company's response to Question 10, PECO
21 Statement No. 3, the Direct Testimony of Julie Drezner) PECO's continued efforts
22 to evaluate pipeline open seasons and capacity made available via permanent
23 capacity releases to see if any new, cost-effective, firm natural gas transportation
24 source to PECO's city gate became available. Provided in that discussion is a
25 description of the Company's involvement in the Transco Regional Energy Access
26 ("REA") Project. A portion of the REA Project is now in service and the additional

1 contracted amount is projected to be in service by the end of summer 2024 and will
2 provide PECO with 100,000 Dth/day of Firm Capacity from the Leidy Marcellus
3 production area to PECO's City gate.

4 Second, as discussed in the Direct Testimony of Scott J. Hughes in PGC 39,
5 and in detail in the Direct Testimony of Carlos P. Thillet submitted in PGC 32
6 through PGC 38, PECO has continued its LNG investment and continues to take
7 actions that will lead to increasing LNG Vaporization capability at the Company's
8 West Conshohocken facility from 160,000 Mcf/day to 220,000 Mcf/day, directly
9 reducing reliance on delivered supply. The Natural Gas Reliability Project, of
10 which the increased LNG Vaporization capability is a part, is also discussed in
11 depth in the Direct Testimony of Carlos P. Thillet (PECO Statement No. 2) in
12 Docket No. P-2021-3024328.⁵ In that proceeding, PECO explained the need for
13 the Natural Gas Reliability Project from the standpoint of ensuring the reliability of
14 PECO's natural gas supply to meet design day requirements-

15 **36. Q. How will the actions taken by PECO described above reduce the currently**
16 **projected deficit between currently contracted-for pipeline storage and FT**
17 **deliveries, as well as LNG and propane capacity and peak day demand**
18 **requirements?**

19 A. First, for reference, Table SA-3 provides a comparison of projected design day
20 demand compared to current and planned future assets.

⁵ PECO filed its Petition for a Finding of Necessity on May 14, 2021. A copy of the Direct Testimony in Docket No. P-2021-3024328, which is confidential, will be made available upon request and execution of a confidentiality agreement acceptable to PECO.

Table SA-3

DESIGN DAY DEMAND VS ASSETS (Dth/D)					
WINTER	DESIGN DAY DEMAND	PROJECTED TOTAL ASSETS	GAP	% GAP	Notes
2024-2025	936,313	980,568	44,255	5%	Assets equal current Pipeline FT and Storage deliveries plus PECO LNG and Propane vaporization assets. Includes Hedged Gas for executed contracts of 30,000 Dth/d and 61C Tioga contract of 40,000 Dth/d. Transco REA project planned in service date increases FT deliveries by 77,500 DTH/d. Reliability Project increased LNG vaporization by 35,500 DTH/d.
2025-2026	949,000	970,568	21,568	2%	61C/Tioga contract expires and decreases 40,000 Dth/d. Completion of the LNG reliability project increases LNG vaporization 30,000 DTH/d.
2026-2027	958,000	930,568	-27,432	-3%	Assets at steady state
2027-2028	969,000	930,568	-38,432	-4%	
2028-2029	986,000	930,568	-55,432	-6%	
2029-2030	987,000	930,568	-56,432	-6%	
2030-2031	988,000	930,568	-57,432	-6%	
2031-2032	989,000	930,568	-58,432	-6%	
2032-2033	990,000	930,568	-59,432	-6%	
2033-2034	991,000	930,568	-60,432	-6%	

The projected total assets for the winter of 2024-2025 include all of PECO’s current firm assets, which increase by 113,000 Dth/day beginning in the winter of 2025-2026, and by an additional 30,000 Dth/day beginning in the winter of 2025-2026, resulting in a total additional 143,000 Dth/day.⁶

The acquisition of these firm assets will result in the elimination of the current firm gap between total assets and design day demand of -6.0%. By the winter of 2033-2034, PECO will have supplemental capacity beyond the projected design day of 2%. This supplemental capacity will better enable the Company to serve its customers should future instances occur where any of the interstate

⁶ These increases in firm assets are directly tied to the in-service dates of the Company’s Natural Gas Reliability Project and the REA project, respectively.

1 pipelines delivering supply to PECO's service area are subjected to equipment
2 failures, integrity concerns, or other obstacles or force majeure events that prevent
3 them from meeting their contracted obligations during periods of high natural gas
4 demand. Supplemental capacity would also provide a degree of flexibility to ensure
5 deliverability and help to lessen exposure to market area price volatility.

6 **VI. REGIONAL AND SUSTAINABLE NATURAL GAS ACQUISITION STRATEGY**

7 **37. Q. Has the Company purchased any natural gas produced in Marcellus Shale**
8 **regions?**

9 A. Yes. PECO has purchased natural gas from Marcellus Shale production areas.
10 Since 2010, PECO has incorporated increasing quantities of locally-produced
11 Marcellus Shale natural gas into its portfolio of supply assets. The only supply
12 PECO purchases that it presumes is not from the Marcellus production regions are
13 those necessary for injections into its WSS storage contract, located upstream on
14 Transco's main line.⁷ PECO uses its FT contracts to purchase and transport natural
15 gas primarily from both the Southwestern and the Northeastern/Leidy production
16 areas in Pennsylvania.

17 PECO projects that most of its purchases going forward, other than those
18 needed to refill its Transco WSS storage contract located in the Gulf Area storage,
19 will be made at pooling points inside of Pennsylvania. PECO, however, remains
20 mindful of its obligation to seek the least-cost natural gas for its customers. As
21 such, it retains the ability to adjust its purchase points to coincide with changes to

⁷ Due to the location of certain purchase receipt points, the Company reasonably assumes they are supported by Marcellus Shale gas produced in Pennsylvania. However, the Company is not privy to pipeline information regarding physical flows to the well head. Nor does the Company's least-cost obligation to its firm customers require it to request such proof from its counterparties.

1 industry fundamentals should those changes affect the cost of natural gas in
2 different locations.

3 **38. Q. Please describe any steps the Company has taken to Acquire Renewable**
4 **Natural Gas (RNG).**

5 A. PECO has continued to pursue a strategy to procure and support the growth of RNG
6 production and secure a reliable source of RNG supply onto PECO's gas system at
7 market-based gas prices. As previously noted in prior PGC filings, while PECO
8 does not intend to pay a premium for, or otherwise acquire, the environmental
9 attributes of the RNG, PECO would like maximum flexibility to pursue sources of
10 RNG production that would be most advantageous to PECO's PGC customers.

11 Per the PGC 40 Settlement, if PECO were to acquire RNG, it committed to
12 do so in a manner that is consistent with the Company's least-cost procurement
13 strategy for natural gas, *e.g.*, it would pursue the least cost RNG, and would
14 undertake commercially reasonable efforts to minimize the cost impact to PECO'S
15 PGC customers from the costs associated with purchasing RNG.

16 **VII. CONCLUSION**

17 **39. Q. Does this conclude your Direct Testimony?**

18 A. Yes, it does.

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PENNSYLVANIA PUBLIC UTILITY COMMISSION
V.
PECO ENERGY COMPANY**

Docket No. R-2024-3048767

**DIRECT TESTIMONY
OF
SCOTT J. HUGHES**

PECO STATEMENT NO. 2

TABLE OF CONTENTS

	Page
I. INTRODUCTION.....	1
II. PURPOSE OF TESTIMONY	2
III. PECO'S HEDGING POLICY.....	3
IV. OFF-SYSTEM SALES SHARING MECHANISM.....	6
V. SETTLEMENT COMMITMENTS	7
VI. CONCLUSION	8

1 Area Analyst, then from 2001 to 2007, I worked as a Senior Natural Gas
2 Analyst, before transitioning to the position of Principal Acquisition Analyst,
3 which I held until May 2019. Over that time, my responsibilities included
4 tracking departmental Key Performance Indicators, supply planning, storage
5 asset management, asset optimization, daily, monthly, seasonal and long-
6 term natural gas purchasing, analyzing and authorizing capacity releases and
7 scheduling natural gas flow on interstate pipelines.

8 **5. Q. Please identify your current job responsibilities.**

9 A. In June 2019, I became the Manager of PECO's Gas Acquisition
10 Department. In this position, I am responsible for the day-to-day
11 management and oversight of the natural gas procurement, short- and long-
12 term planning, the ratable hedging program, asset management agreements,
13 and all natural gas asset optimization functions for PECO.

14 **II. PURPOSE OF TESTIMONY**

15 **6. Q. What is the purpose of your Direct Testimony in this proceeding?**

16 A. The purpose of my Direct Testimony is to present certain of the information
17 required in Section 1317(a) of the Pennsylvania Public Utility Code (the
18 "Code") (*See* 66 Pa. C.S.A. § 1317(a)) so that the Pennsylvania Public Utility
19 Commission (the "Commission") may make the findings required by Section
20 1318 of the Code (*See* 66 Pa. C.S.A. § 1318) for a determination that PECO's
21 PGC rates and charges for the historic period (April 1, 2023 through March
22 31, 2024), the estimated period (April 1, 2024 through November 30, 2024),
23 and the PGC application period (December 1, 2024 through November 30,
24 2025) are just and reasonable. To that end, I will describe the Company's

1 current hedging program. Additionally, I will discuss PECO’s off-system
2 sales sharing mechanism. Finally, I will furnish certain information that
3 PECO committed to provide under the terms of the Joint Petition for
4 Complete Settlement in the 2023 PGC proceeding at Docket No. R-2023-
5 3040285 (“2023 Joint Petition”).

6 **7. Q. Are you sponsoring any exhibits?**

7 A. Yes. I am sponsoring Exhibit SJH-1 which is discussed later in my Direct
8 Testimony.

9 **III. PECO’S HEDGING POLICY**

10 **8. Q. Please describe PECO’s hedging policy.**

11 A. PECO employs hedging as an additional tool to purchase natural gas on a
12 basis that reasonably ensures system reliability at the least cost. PECO is
13 required to lock-in (*i.e.*, hedge) the price of a minimum volume of its long-
14 term natural gas purchases. This mechanism is designed to mitigate PECO’s
15 exposure to natural gas price volatility by locking-in increments of natural
16 gas by preset deadlines so that PECO is not hedging all of its natural gas at
17 the same time under the same market conditions.

18 **9. Q. Please briefly summarize PECO’s current Ratable Hedging Program.**

19 A. In the 2016 Joint Petition for Complete Settlement (PGC 33, Docket No. R-
20 2016-2545925), PECO agreed to implement its current “Ratable Hedging
21 Program,” which was extended for additional years in the 2017 Joint Petition
22 for Complete Settlement (PGC 34, Docket No. R-2017-2602611), the 2018
23 Joint Petition for Complete Settlement (PGC 35, Docket No. R-2018-
24 3001568), the 2019 Joint Petition for Complete Settlement (PGC 36, Docket

1 No. R-2019-3009624), the 2020 Joint Petition for Complete Settlement
2 (PGC 37, Docket No. R-2020-3019661), the 2021 Joint Petition for
3 Complete Settlement (PGC 38, Docket No. R-2021-3025629), the 2022 Joint
4 Petition for Complete Settlement (PGC 39, Docket No. R-2022-3032250),
5 and the 2023 Joint Petition for Complete Settlement (PGC 40, Docket No.
6 R-2023-3040285).

7 Under this program, PECO hedges approximately 15% of its
8 projected winter purchase volumes. The hedges under the Ratable Hedging
9 Program began in November 2016 and will continue through July 2026. All
10 hedges in this program are made between three (3) and 24 months in advance
11 of the delivery date for the purchased natural gas. In addition, as agreed to
12 in the 2020 Joint Petition, PECO no longer engages in hedging for summer
13 purchases. For convenience, I have attached the current Ratable Hedging
14 Program execution schedule to my Direct Testimony as Exhibit SJH-1.

15 Finally, pursuant to Paragraphs 19(c) and (d) of the 2016 Joint
16 Petition, the following conditions are applicable to all hedges under the
17 Ratable Hedging Program:

- 18 1. PECO will not enter into any individual hedge unless
19 there are at least three qualified respondents to the
20 RFP;
- 21 2. Each transaction will be evaluated and compared to
22 current index market indicators, and if the proposed
23 transaction is 10% higher than the indicators, then
24 PECO will not conduct the transaction;
- 25 3. PECO will not purchase any of its hedged gas from
26 Transco Zone 4, nor will it use NYMEX Transco
27 Zone 4 basis contract pricing as a market price
28 indicator; and

1 4. PECO will not make any financial hedges, only
2 hedges of physical gas.

3 **10. Q. Has PECO implemented the Ratable Hedging Program as required? If**
4 **so, please summarize the results thus far.**

5 A. Yes, during the historic period (April 1, 2023 through March 31, 2024),
6 PECO issued RFPs for six (6) execution periods (these periods are
7 highlighted in yellow in Exhibit SJH-1, with all previous executions
8 appearing in blue). As shown in Table SJH-1 below, for the historic period,
9 PECO has purchased approximately 5.44 MMDTH of hedged natural gas
10 under the program at a weighted average cost of \$4.9812 per Dth.

Table SJH-1

Ratable Hedge Program				
Executed Hedges April 2023 through March 2024				
Execution Month		DTH	\$/DTH	Total \$
July	2023	1,818,000	\$ 5.4372	\$ 9,884,850
November	2023	1,812,000	\$ 5.4600	\$ 9,893,520
March	2024	1,812,000	\$ 4.0450	\$ 7,329,540
Total		5,442,000	\$ 4.9812	\$ 27,107,910

11 **11. Q. Is PECO proposing any changes to the Ratable Hedging Program?**

12 A. Yes, PECO is proposing that the Ratable Hedging Program be extended for
13 an additional year. Table SJH-2 below provides the proposed hedging
14 schedule for Year 11:

Table SJH-2

Year 11 Winter	Total Daily	Execution Periods					
		Nov '25	Mar '26	Jul '26	Nov '26	Mar '27	Jul '27
Delivery Month	Hedged DTH	24 Months Out	20 Months Out	16 Months Out	12 Months Out	8 Months Out	4 Months Out
Nov '27	36,000	6,000	6,000	6,000	6,000	6,000	6,000
Dec '27	36,000	6,000	6,000	6,000	6,000	6,000	6,000
Jan '28	36,000	6,000	6,000	6,000	6,000	6,000	6,000
Feb '28	36,000	6,000	6,000	6,000	6,000	6,000	6,000
Mar '28	36,000	6,000	6,000	6,000	6,000	6,000	6,000

IV. OFF-SYSTEM SALES SHARING MECHANISM

12. Q. Is PECO proposing to extend the Off-System Sales sharing mechanism?

A. Yes. Pursuant to Paragraph 23 of the 2023 Joint Petition, the Off-System Sales sharing mechanism was extended at the 25% rate through November 30, 2026. In this PGC proceeding, PECO is proposing to further extend this mechanism through November 30, 2027.

13. Q. How would PECO’s natural gas customers benefit from an extension?

A. An extension will allow the Company to enter into longer term Asset Management Agreements. The Company believes that, under certain conditions, the per-Dth value of transportation and storage capacity released under a longer term arrangement is enhanced and, therefore, can potentially provide a larger reduction in natural gas costs.

V. SETTLEMENT COMMITMENTS

14. Q. Did the 2023 Joint Petition include any settlement commitments for the Ratable Hedging Program?

A. Yes, Paragraph 20 of the 2023 Joint Petition includes certain commitments regarding the Ratable Hedging Program.

15. Q. What does Paragraph 20 of the 2023 Joint Petition provide?

A. Paragraph 20(a) acknowledged that the Company had complied with the requirements of its Ratable Hedging Program for all hedges made through April 2023, and further confirmed that PECO would continue to do so.

Paragraph 20(b) acknowledged the extension of PECO's Ratable Hedging Program for an additional year beyond that which was approved in the 2022 Joint Petition. In addition, Paragraph 20(b) confirmed the removal of summer hedges from PECO's hedging schedule.

16. Q. What did the 2023 Joint Petition require of the Company with respect to Lost and Unaccounted For Gas ("LUFG") monitoring and reporting?

A. Paragraph 22 sets forth the three-year weighted average for the period ending March 31, 2023, and June 30, 2023. The 2023 Joint Petition, however, does not impose any further reporting obligations on the Company as it relates to LUFG. Nonetheless, consistent with its reporting in prior PGC proceedings, PECO has voluntarily provided the LUFG percentages for the period ending March 31, 2024 in Table SJH-3 below, consistent with the methodology set forth in Paragraph 20(c) of the 2015 Joint Petition. The weighted average LUFG for the 36-month period ending June 30, 2024 will be provided when the requisite data becomes available.

Table SJH-3

	Sendout in McF	Billed Sales in Mcf	LUFG
12 Months Ending 3/31/22	88,449,680	84,691,996	4.2%
12 Months Ending 3/31/23	86,824,606	84,280,413	2.9%
12 Months Ending 3/31/24	84,316,700	82,592,318	2.0%
36 Months Ending 3/31/24	259,590,986	251,564,727	3.1%

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

17. Q. What does the 2023 Joint Petition require with respect to the retainage volume adjustment?

A. Paragraph 19 of the 2023 Joint Petition requires the Company to use a retainage volume adjustment rate for transportation service customers of 3.0% for the twelve months beginning December 1, 2023 and ending November 30, 2024. PECO also agreed that the retainage volume adjustment for the twelve-month period ending November 30, 2024 would be calculated based on the weighted three-year average of LUFG plus the portion of Company-use natural gas attributable to preheater gate station usage for the period ending June 30, 2023. Accordingly, PECO will provide the new retainage rate (and the supporting calculations) for the PGC 41 application period when the data is available, in mid-July 2024.

The Company proposes to continue the agreed upon retainage calculation mechanism for the period ending November 30, 2025.

VI. CONCLUSION

18. Q. Does this conclude your Direct Testimony?

A. Yes, it does.

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PENNSYLVANIA PUBLIC UTILITY COMMISSION
V.
PECO ENERGY COMPANY**

Docket No. R-2024-3048767

**DIRECT TESTIMONY
OF
JULIE S. DREZNER**

PECO STATEMENT NO. 3

TABLE OF CONTENTS

I. INTRODUCTION..... 1

II. PURPOSE OF TESTIMONY 2

III. THE BALANCING CHARGE 3

IV. PECO’S NATURAL GAS PURCHASE POLICIES AND PRACTICES..... 4

V. FIRM INTERSTATE PIPELINE CONTRACTS 6

VI. HVT GAS CHOICE PROGRAM INFORMATION..... 11

VII. CONCLUSION 12

1 **5. Q. Please identify your current job responsibilities.**

2 A. In my current role as Manager of Energy Supplier Services, I am responsible for
3 oversight of the Gas Cost Accounting function. In addition, I am responsible for
4 managing the financial and service reliability risk of PECO’s interstate natural gas
5 transportation and storage contracts through monitoring and actively participating
6 in FERC proceedings. Lastly, I manage certain aspects of both PECO’s High
7 Volume Transportation (“HVT”) and Low Volume Transportation (“LVT”) Gas
8 Choice programs.

9 **II. PURPOSE OF TESTIMONY**

10 **6. Q. What is the purpose of your Direct Testimony in this proceeding?**

11 A. The purpose of my Direct Testimony is to present certain of the information
12 required in Section 1317(a) of the Pennsylvania Public Utility Code (the “Code”)
13 (see 66 Pa. C.S.A. § 1317(a)) so that the Pennsylvania Public Utility Commission
14 (the “Commission”) may make the findings required by Section 1318 of the Code
15 (see 66 Pa. C.S.A. § 1318) for a determination that PECO’s PGC rates and charges
16 for the historic period (April 1, 2023 through March 31, 2024), the estimated period
17 (April 1, 2024 through November 30, 2024), and the PGC application period
18 (December 1, 2024 through November 30, 2025) are just and reasonable. To that
19 end, I will describe the Company’s natural gas purchase policies and practices,
20 including PECO’s use of natural gas pipeline transportation and storage contracts,
21 and explain its HVT Gas Choice program.

22 **7. Q. Are you sponsoring any exhibits?**

23 A. Yes. I am sponsoring Exhibits JSD-1 and JSD-2, which are discussed later in my
24 Direct Testimony.

1 **III. THE BALANCING CHARGE**

2 **8. Q. Is the Company proposing a change to the balancing charge rate in this case?**

3 A. Yes. Under the terms of the Settlement of the Company's 2008 Gas Distribution
4 Base Rate Case at Docket No. R-2008-2028394, the Company is required to update
5 the balancing charge as part of its annual 1307(f) filing. Pursuant to the terms of
6 the 2020 Joint Petition for Complete Settlement in the PGC 37 proceeding (Docket
7 No. R-2020-3025629), the balancing charge calculation was revised to include: (i)
8 the costs associated with the interstate pipeline transportation arrangements
9 required to deliver natural gas to and from storage; and (ii) aggregate daily HVT
10 imbalances experienced during the summer months, as opposed to only the winter
11 months as was the historical practice. As shown in Exhibit JSD-1 accompanying
12 my Direct Testimony, the Company is proposing a balancing charge of \$0.0225 per
13 Mcf to become effective on December 1, 2024, which is \$0.0022 less per Mcf than
14 the currently effective balancing charge.

15 **9. Q. Why did the balancing charge decrease by \$0.0022 per Mcf?**

16 A. Please refer to Exhibit JSD-2, which provides the calculations used to establish the
17 current balancing charge and the proposed balancing charge, along with a line-by-
18 line comparison showing the changes between the two. The decrease is driven by
19 deviations in a number of different factors, including slightly decreased storage
20 costs.

1 **IV. PECO’S NATURAL GAS PURCHASE POLICIES AND PRACTICES**

2 **10. Q. Has PECO continued its evaluation of participation in pipeline open seasons**
3 **as a way of securing additional cost-effective Firm Transportation to PECO’s**
4 **City Gate?**

5 A. Yes. PECO continues to evaluate pipeline open seasons and capacity made
6 available via permanent capacity releases to see if any new, cost-effective, firm
7 natural gas transportation source to PECO’s city gate became available. In general,
8 each opportunity is analyzed to determine whether PECO’s participation in the
9 project is needed to meet projections for increased firm demand, or if the project
10 offers a reliable least-cost alternative to an existing transportation or storage
11 contract approaching its expiration date. In addition, projects are reviewed to
12 determine: (1) their ability to deliver firm natural gas from a reliable, liquid market
13 to PECO; and (2) if they are compatible with PECO’s existing contracts and load
14 profile.

15 The Regional Energy Access (“REA”) project was referred to as Project X
16 in Company Witness Carlos Thillet’s Direct Testimony submitted in support of
17 PECO’s prior PGC proceedings – PGC 36, PGC 37, and PGC 38, and was also
18 discussed in Company Witness Scott J. Hughes’ Direct Testimony in support of
19 PGC 39 and my Direct Testimony in support of PGC 40. On February 10, 2020,
20 PECO executed a Precedent Agreement with Transco for 100,000 Dth/day of REA
21 capacity. The firm transportation capacity will enable PECO to move natural gas
22 from receipt points in the Leidy Pennsylvania Marcellus Shale production area to
23 delivery points on PECO’s distribution system. The initial term is for 15 years.
24 The capacity will provide PECO with a least-cost, reliable, source of supply

1 enabling the Company to meet its firm demand by reducing the delivered supply
2 needed to eliminate the peak-day supply gap, while providing deliveries to PECO
3 gate stations and further eliminating exposure to market area price volatility.
4 Transco filed its 7(c) FERC Application on March 26, 2021. Subsequently, on April
5 28, 2021, Exelon Corporation filed comments in support of the REA application.
6 A portion of the REA Project is now in service and the additional contracted amount
7 is scheduled to be placed into service in 2024 and will provide PECO with 100,000
8 Dth/day of Firm Capacity from the Leidy Marcellus production area to PECO's
9 City gate. On February 17, 2023, PECO executed a Service Agreement with
10 Transco for 100,000 Dth/day of REA capacity. PECO negotiated an early in-
11 service contract for 32,922 Dth/day of the 10,000 Dth/day REA firm capacity,
12 effective October 1, 2023 for one year.

13 PECO also submitted two non-binding bids on open seasons in 2023. PECO
14 submitted one bid for 22,500 Dth/day north-zone capacity on Adelpia for \$0.0864
15 per MMBTU per day on September 19, 2023. PECO submitted the other bid was
16 for 3,687,492 MSQ in Dth storage capacity on Mississippi Hub for \$0.031 storage
17 reservation charge in \$/Dth/Month on November 9, 2023. The Mississippi Hub bid
18 was an attempt to duplicate WSS storage, as discussed in the response to Question
19 12. Neither of PECO's submitted bids were selected.

20 **11. Q. Did participation in PECO's LVT Gas Choice program continue to grow for**
21 **the 12-month period ending March 31, 2024?**

22 A. As indicated in Table JSD-1 below, PECO's LVT Gas Choice program continues
23 to be robust. The number of customers in the program has typically increased year-

1 over-year; however, for the 12-month period ending March 31, 2024 participation
 2 increased slightly. In addition, the number of suppliers decreased during this period
 3 from 60 to 59. PECO expects strong participation in this program to continue.

Table JSD-1

12-Month Period Ending March 31	Customers participating in LVT program	YOY Change	Aggregate Daily Delivery Quantity	Aggregate Daily Contract Quantity
2015	80,410	-	46,887	55,748
2016	81,088	0.80%	46,896	58,573
2017	81,472	0.50%	46,481	60,324
2018	84,161	3.30%	60,951	60,920
2019	95,293	13.20%	66,786	66,760
2020	105,312	10.50%	74,190	74,166
2021	96,625	-8.20%	70,841	70,841
2022	89,563	-7.30%	66,013	66,013
2023	83,504	-6.80%	64,743	64,743
2024	84,024	0.60%	67,178	67,178

4 **V. FIRM INTERSTATE PIPELINE CONTRACTS**

5 **12. Q. Please identify the firm interstate natural gas pipeline service agreements that**
 6 **have been subject to renewal since PECO’s last PGC proceeding (PGC 40) and**
 7 **that remain in effect.**

8 A. Table JSD-2 below lists the storage and transportation service agreements that were
 9 subject to renewal/termination notice during the past year and identifies whether
 10 PECO opted to renew each agreement. All renewed contracts are listed below. The
 11 Early In-Service REA contract was not renewed and is being replaced with the full
 12 REA 100,000 Dth/day capacity contract as discussed in the response to Question
 13 10. The WSS Storage contract was not renewed and is being replaced by WSS

Market Based Rates (“MBR”). For a description of the WSS MBR proceedings, please see the response to Question 15.

Table JSD-2

Pipeline Contract	Earliest Termination Date	Notice Period	Renewed (Yes or No)
Texas Eastern			
FT-1 Transportation	10/31/2026	24 Months	Yes
CDS Transportation	10/31/2026	24 Months	Yes
FT-1 Phila Lateral	10/31/2029	60 Months	Yes
FT-1 Phila Flex X	10/31/2029	60 Months	Yes
FT-1 Transportation ELA	10/31/2025	12 Months	Yes
FTS-2 Transportation	3/31/2026	12 Months	Yes
FTS-7 Transportation	4/15/2027	24 Months	Yes
FTS-8 Transportation	4/15/2027	24 Months	Yes
FTS Transportation	3/31/2027	24 Months	Yes
SS-1 Storage	4/30/2027	24 Months	Yes
Transco			
FT Transportation	3/31/2028	36 Months	Yes
FT Transportation	7/31/2027	36 Months	Yes
FT - Leidy	10/31/2026	24 Months	Yes
FT - Trenton Woodbury	10/31/2026	24 Months	Yes
WSS Storage	3/31/2025	12 Months	No
S-2 Storage	3/31/2026	12 Months	Yes
Early In Service REA	10/01/2024	12 Months	No
Eastern Gas Transmission & Storage, Inc.			
GSS Storage	3/31/2027	24 Months	Yes
UGI			
XD Firm	12/01/2025	12 Months	Yes

13. Q. Why did PECO choose to allow the contracts identified above to evergreen for an additional term?

A. First, PECO continues to require the above-mentioned services primarily to satisfy the temperature-sensitive demands of both its retail sales customers and its Gas Choice customers for whom PECO is the supplier of last resort (“SOLR”).

1 Second, each of these agreements is designed to provide satisfactory
2 capacity to transport the natural gas supplies needed to serve the demand of PECO's
3 retail sales customers, especially during the winter period. As the SOLR, PECO
4 also needs these contracts to serve Gas Choice customers that may return to PECO
5 for supply during the winter period. PECO has not yet discovered a more
6 economical alternative to continuing these contracts.

7 Third, consistent with the settlement of PECO's natural gas restructuring
8 proceeding at Docket No. R-00994787, on June 5, 2023 and November 29, 2023,
9 PECO issued RFPs for its firm storage and transportation contracts. The RFPs were
10 sent to Pennsylvania NGSs, including Gas Choice Suppliers participating in
11 PECO's Gas Choice programs, interstate pipeline companies and others. In
12 response to the RFPs, interested parties were given the opportunity to provide a
13 contract service as a replacement to service provided by the pipeline supplier. None
14 of the responses received provided a more cost-effective alternative to the contracts
15 listed in Table JSD-2 above.

1 **14. Q. By what means other than the RFP process did PECO try to obtain**
2 **comparable services at a lower cost than the existing services?**

3 A. PECO regularly reviews all pipeline open seasons (*see* Question 10) to assess
4 opportunities for new and replacement services. PECO also entered two open
5 season which were not accepted (*see* Question 10). Additionally, PECO regularly
6 contacted pipeline representatives to discuss its supply portfolio needs and to
7 explore potentially less costly options to existing services. Despite these efforts,
8 PECO could not obtain any comparable replacement services at a lower cost than
9 the existing services. Therefore, it is necessary for PECO to retain these agreements
10 as part of its overall capacity portfolio to satisfy the demand requirements of its
11 retail sales and Gas Choice customers.

12 **15. Q. Please explain how PGC customers benefit from PECO's active participation**
13 **in the recent FERC rate case proceedings.**

14 A. Please review Section 5 of the Advance Filing for a list of PECO's active
15 involvement in FERC cases. PECO's active participation in the FERC rate case
16 proceedings benefit PECO's PGC customers by achieving settlement rates that are
17 less than the increases sought in the as-filed rates, resulting in smaller rate increases
18 for PECO and its PGC customers. I provide a brief explanation the WSS MBR
19 proceedings below.

20 WSS: PECO renewed and extended the WSS contract listed in Table JSD-
21 2. In 2021, Transco filed for MBR authority for Rate Schedule WSS, which as
22 originally proposed, would increase costs for the service by 140% to be effective
23 on April 1, 2025. PECO and the WSS Customer Group protested and challenged

1 Transco’s proposal in Dockets RP21-1143 and RP23-840. Despite the challenges
2 of the WSS Customer Group, in 2022 and upon rehearing in 2023, FERC found the
3 MBR to be just and reasonable. The WSS Customer Group appealed the decisions
4 to the United States Court of Appeals for the District of Columbia Circuit. In 2023,
5 after receiving the decision on rehearing affirming the MBR from FERC, Transco
6 filed new General Terms and Conditions for the storage service with the
7 Commission.

8 PECO provided data showing that Requests for Proposal were sent out on
9 two occasions (*see* the response to Question 13) trying to replicate the WSS service,
10 but that no licensed supplier in the Commonwealth of Pennsylvania responded.
11 PECO also responded to an Open Season from Mississippi Hub Storage for a
12 Market Based Rate storage equivalent for WSS, as referenced in the response to
13 Question 10. The storage was similarly located to WSS, interconnected with
14 Transco in Zone 4. PECO’s bid was not accepted. PECO also submitted an
15 affidavit as part of the WSS Customer Group protest in Docket RP23-840. FERC
16 determined that these facts along with other issues warranted a Technical
17 Conference on September 13, 2023. The parties reached a settlement in the
18 proceeding that would increase WSS rates by 124% over a ten-year period and
19 allow market-based rates.

20 PECO performed a cost analysis of the proposal and reviewed the analysis
21 of outside consultants, ultimately finding the 124% cost increase to be a discount
22 compared to the open market for storages interconnected with the Transco system.
23 PECO elected to extend the WSS MBR agreement with the 10-year storage and

1 commodity storage deal, in order to provide the lowest increase in fixed costs to
2 PGC customers.

3 Tetco has notified LDCs of the intention to initiate a pre-filing for a Section
4 4 Rate Case settlement in lieu of a Section 4 Rate Case. The settlement has not yet
5 been finalized. However, parties have tentatively reached a settlement for all issues
6 as of May 3, 2024. This settlement has not yet been approved by FERC.

7 Transco is planning to file a Section 4 Rate Case on or before August 30,
8 2024. PECO will continue to actively participate in all relevant FERC proceedings
9 to achieve the best possible rates and reliability services for the PGC customers.

10 **VI. HVT GAS CHOICE PROGRAM INFORMATION**

11 **16. Q. Please describe the HVT Gas Choice program.**

12 A. Under PECO's HVT Gas Choice program, large commercial and industrial
13 customers may purchase natural gas from an NGS for transport on the PECO
14 system. The rules of the HVT Gas Choice program are set forth in PECO's Natural
15 Gas Service Tariff.

16 **17. Q. Did the Advance Information contain any information regarding the HVT Gas
17 Choice program?**

18 A. Yes, certain information regarding the HVT Gas Choice program was included in
19 Sections 10 through 12 of the Advance Information.

20 **18. Q. What information is contained in Section 10 of the Advance Information?**

21 A. Section 10 of the Advance Information includes a copy of the PECO Gas
22 Transportation Service Agreement form for large commercial and industrial
23 customers electing to participate in the HVT Gas Choice program.

1 **19. Q. What information is provided in Sections 11 and 12 of the Advance**
2 **Information?**

3 A. Section 11 of the Advance Information includes a report reflecting specific contract
4 information for each HVT Gas Choice customer. Specifically, the following
5 information is provided for each customer: the customer's rate, size category
6 (greater than or less than 18,000 Mcf per year), daily transportation contract
7 quantity, firm stand-by sales quantity, if any, and commodity rate. Section 12 of
8 the Advance Information provides the monthly transportation volume for each
9 transportation customer for each month beginning April 1, 2023 and ending March
10 31, 2024. Specifically, the following information is provided for each customer:
11 the customer's rate; total monthly deliveries in Mcf; and total transportation
12 deliveries. Because this information is voluminous, PECO does not file it with the
13 Advance Information but will provide it upon request.

14 **VII. CONCLUSION**

15 **20. Q. Does this conclude your Direct Testimony?**

16 A. Yes, it does.

2024 Balancing Charges			
Annual Cost for Storage (PECO PGC 40, Section 7, Page 1)			\$ 31,570,000
Aggregate Imbalances for TS Customers			
	Aggregate Daily Excess Deliveries	Aggregate Daily Deficient Deliveries	
Dec-22	52,041	73,244	
Jan-23	31,278	52,746	
Feb-23	73,799	69,655	
Mar-23	41,223	50,508	
Apr-23	52,378	43,910	
May-23	46,324	34,833	
Jun-23	25,815	40,097	
Jul-23	44,433	45,471	
Aug-23	34,311	56,079	
Sep-23	20,843	71,704	
Oct-23	27,168	69,714	
Nov-23	47,044	87,971	
Total	496,657	695,932	
Total Aggregate 12 Month Daily TS Imbalance in MCF			1,192,589
Projected Annual PGC Volume in MCF			68,253,410
Percentage of Storage Cost applicable to PGC customers (Agg Imbal/projected vol)			1.75%
Annual Storage Cost Applicable to Transportation Customers 1.75% of \$ 31,570,000			\$ 551,621
Revenue From Excess Delivery Penalty Charge for Dec 22 through Nov 23 in mcf		76,105	\$ 0.25 \$ 19,026.25
Calculation of the Proposed Adjusted Balancing Charges			
Storage Cost applicable to Transportation Customers			\$ 532,595
Divided by TS MCF Actual Dec 22 through Nov 23			23,652,714
Balancing Charge per MCF			\$ 0.0225

2024 Balancing Charges Exhibit JSD-2			
<u>Annual Cost for Storage (PECO PGC 40, Section 7, Page 1)</u>			
Fixed Storage Costs (includes associated transport)			\$ 31,570,000
Storage Injection Cost			\$ -
<u>Storage Withdrawl Cost</u>			<u>\$ -</u>
Total			\$ 31,570,000
Aggregate Imbalances for TS Customers			
	Aggregate Daily	Aggregate Daily	
	Excess Deliveries	Deficient Deliveries	
Dec-22	52,041	73,244	
Jan-23	31,278	52,746	
Feb-23	73,799	69,655	
Mar-23	41,223	50,508	
Apr-23	52,378	43,910	
May-23	46,324	34,833	
Jun-23	25,815	40,097	
Jul-23	44,433	45,471	
Aug-23	34,311	56,079	
Sep-23	20,843	71,704	
Oct-23	27,168	69,714	
Nov-23	47,044	87,971	
Total	496,657	695,932	
Total Aggregate 12 Month Daily TS Imbalance in MCF			1,192,589
Projected Annual PGC Volume in MCF			68,253,410
Percentage of Storage Cost applicable to PGC customers (Agg Imbal/projected vol)			1.75%
Annual Storage Cost Applicable to Transportation Customers 1.75% of \$ 31,570,000			\$ 551,621
Revenue From Excess Delivery Penalty Charge for Dec 22 through Nov 23 in mcf	76,105	\$ 0.25	\$ 19,026.25
Calculation of the Proposed Adjusted Balancing Charges			
Storage Cost applicable to Transportation Customers			\$ 532,595
Divided by TS MCF Actual Dec 22 through Nov 23			23,652,714
Balancing Charge per MCF			\$ 0.0225

2023 Balancing Charges Exhibit JSD-2			
<u>Annual Cost for Storage (PECO PGC 39, Section 7, Page 1)</u>			
Fixed Storage Costs (includes associated transport)			\$ 35,723,000
Storage Injection Cost			\$ -
<u>Storage Withdrawl Cost</u>			<u>\$ -</u>
Total			\$ 35,723,000
Aggregate Imbalances for TS Customers			
	Aggregate Daily	Aggregate Daily	
	Excess Deliveries	Deficient Deliveries	
Dec-21	107,360	40,483	
Jan-22	25,772	83,178	
Feb-22	58,828	56,218	
Mar-22	66,142	77,118	
Apr-22	50,275	24,407	
May-22	34,645	28,901	
Jun-22	32,686	43,181	
Jul-22	29,319	46,170	
Aug-22	32,374	28,794	
Sep-22	31,940	57,468	
Oct-22	27,143	46,136	
Nov-22	72,179	64,499	
Total	568,663	596,553	
Total Aggregate 12 Month Daily TS Imbalance in MCF			1,165,216
Projected Annual PGC Volume in MCF			65,471,348
Percentage of Storage Cost applicable to PGC customers (Agg Imbal/projected vol)			1.78%
Annual Storage Cost Applicable to Transportation Customers 1.78% of \$ 35,723,000			\$ 635,774
Revenue From Excess Delivery Penalty Charge for Dec 21 through Nov 22 in mcf	83,004	\$ 0.25	\$ 20,751.00
Calculation of the Proposed Adjusted Balancing Charges			
Storage Cost applicable to Transportation Customers			\$ 615,023
Divided by TS MCF Actual Dec 21 through Nov 22			24,865,821
Balancing Charge per MCF			\$ 0.0247

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

PENNSYLVANIA PUBLIC UTILITY COMMISSION

V.

PECO ENERGY COMPANY

DOCKET NO. R-2024-3048767

**DIRECT TESTIMONY
OF
ANTHONY P. DIFELICE**

Table of Contents

	Page
I. INTRODUCTION.....	1
II. PURPOSE OF TESTIMONY	3
III. EXHIBITS SPONSORED	3
IV. PROPOSED PGC RATES	4
V. SALES SERVICE COST COMPONENTS.....	12
VI. BALANCING SERVICE COST COMPONENTS.....	16
VII. OTHER RATES	18
VIII. CONCLUSION	18

DIRECT TESTIMONY OF ANTHONY P. DIFELICE

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

I. INTRODUCTION

1. Q. Please state your name and business address.

A. My name is Anthony P. DiFelice. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, PA 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company (“PECO” or the “Company”), as a Senior Engineer in the Retail Rates Division.

3. Q. Please describe your educational background.

A. I graduated from the University of Pennsylvania in 1981 with a Bachelor of Applied Science degree from the School of Engineering and Applied Science. I obtained a Master of Business Administration degree with a concentration in Finance from Drexel University in 1989.

4. Q. Please describe your employment history with PECO.

A. I began working for PECO in January of 1982. Since that time, I have been employed in the Rates area of the Company, currently known as Retail Rates. Among other responsibilities, my duties include the calculation of the rate for the Purchased Gas Cost (“PGC”) adjustment.

5. Q. Have you previously submitted testimony in rate proceedings?

- A. Yes. I submitted testimony on behalf of the Company in the following proceedings:
- a. PGC No. 18 at Docket No. R-00016366;
 - b. PGC No. 19 at Docket No. R-00027391;

- 1 c. PGC No. 20 at Docket No. R-00038409;
- 2 d. PGC No. 21 at Docket No. R-00049423;
- 3 e. PGC No. 22 at Docket No. R-00050537;
- 4 f. PGC No. 23 at Docket No. R-00061501;
- 5 g. PGC No. 24 at Docket No. R-00072331;
- 6 h. PGC No. 26 at Docket No. R-2009-2108705;
- 7 i. PGC No. 27 at Docket No. R-2010-2174034;
- 8 j. PGC No. 28 at Docket No. R-2011-2239263;
- 9 k. PGC No. 29 at Docket No. R-2012-2302784;
- 10 l. PGC No. 30 at Docket No. R-2013-2363227;
- 11 m. PGC No. 31 at Docket No. R-2014-2420283;
- 12 n. PGC No. 32 at Docket No. R-2015-2480969;
- 13 o. PGC No. 33 at Docket No. R-2016-2545925;
- 14 p. PGC No. 34 at Docket No. R-2017-2602611;
- 15 q. PGC No. 35 at Docket No. R-2018-3001568;
- 16 r. PGC No. 36 at Docket No. R-2019-3009624;
- 17 s. PGC No. 37 at Docket No. R-2020-3019661;
- 18 t. PGC No. 38 at Docket No. R-2021-3025629;
- 19 u. PGC No. 39 at Docket No. R-2022-3032250; and
- 20 v. PGC No. 40 at Docket No. R-2023-3040285.

21 In addition, I submitted testimony in the Company’s proceeding, regarding
22 the determination of the Gas Procurement Charge (“GPC”), at Docket No. P-2012-
23 2328614, in compliance with the Pennsylvania Public Utility Commission’s (the

1 “Commission”) Order for Promotion of Competitive Retail Markets at Docket No.
2 L-2008-2069114.

3 **II. PURPOSE OF TESTIMONY**

4 **6. Q. What is the purpose of your Direct Testimony?**

5 A. My Direct Testimony will describe and support the development of the PGC rates filed
6 by the Company in this proceeding, PGC No. 41, to become effective December 1,
7 2024. Pursuant to the Company’s Gas Restructuring Settlement, filed and approved at
8 Docket No. R-00994787, the PGC rate is unbundled into the Sales Service Cost
9 (“SSC”) and the Balancing Service Cost (“BSC”). The SSC is a charge to those
10 customers purchasing natural gas supply from PECO. The BSC recovers costs
11 associated with the operations of contract storage facilities and PECO’s peaking
12 services from all of PECO’s low-volume customers, whether they purchase their natural
13 gas supply from PECO or from a competitive natural gas supplier. Low-volume
14 customers are defined as customers taking service under Rate Schedules GR, CAP, GC,
15 OL, L and MV-F.

16 My Direct Testimony also will provide the monthly demand charge for Rate TS
17 (Transportation Service) standby sales service to become effective December 1, 2024.

18 **III. EXHIBITS SPONSORED**

19 **7. Q. Please identify the exhibits you are sponsoring in this proceeding.**

20 A. I am sponsoring the following exhibits:

- 21 • Exhibit APD-1 is a table comparing the Company’s current PGC No. 40Q1
22 rates, effective on March 1, 2024, with the proposed PGC No. 41 rates, effective
23 December 1, 2024.

- Exhibit APD-2 provides the development of the Merchant Function Charge (“MFC”) for the applicable rate classes for the proposed December 1, 2024 PGC rates as well as the total PGC rates for the applicable rate classes.
- Exhibit APD-3 summarizes the computation of the PGC No. 41 SSC, exclusive of the MFC.
- Exhibit APD-4 summarizes the computation of the PGC No. 41 BSC.

Also included in my Direct Testimony as Exhibit APD-5 are the following pages, in both regular text and “redlined” versions, of PECO’s proposed Supplement No. 15 to Tariff Gas – Pa. P.U.C. No. 5 (“Supplement No. 15”):

- 14th revised Page No. 1 and 14th revised Page No. 2.
- 7th revised Page Nos. 43 and 49, reflecting a \$0.0549 per Mcf total increase in the Section 1307(f) rates for Rates GR and CAP, a \$0.0552 per Mcf total increase for Rate GC and a \$0.0552 per Mcf total increase for Rates OL, L and MV-F.
- 4th revised Page No. 44, extending the Off-System Sales Sharing Mechanism through November 30, 2027.
- 7th revised Page Nos. 47 and 48, reflecting the Merchant Function Charge and the Price to Compare.
- 4th revised Page No. 71, reflecting a \$0.0022 per Mcf decrease in the Transportation Balancing Charge to a value of \$0.0225 per Mcf.

IV. PROPOSED PGC RATES

8. Q. Please identify the specific time periods relevant to this filing.

A. The period December 1, 2023 through April 30, 2024 reflects actual data and the period May 1, 2024 through November 30, 2024 reflects projected data and together comprise the “E” factor period. The “C” factor period, or PGC No. 41 application period, begins December 1, 2024 and ends November 30, 2025.

1 **9. Q. Did you prepare Exhibits APD-1, 2, 3, 4 and 5 identified above?**

2 A. Yes. In addition, the natural gas cost information previously filed by the Company on
3 April 30, 2024 in support of PGC 41 (the “Advance Information”) is sponsored by
4 Company Witness Suzette E. Adams, who is submitting PECO Statement No. 1.
5 Similarly, the proposed extension of the Off-System Sales Sharing Mechanism is
6 sponsored by Company Witness Scott J. Hughes, who is submitting PECO Statement
7 No. 2. Finally, the determination of the Transportation Balancing Charge is sponsored
8 by Company Witness Julie S. Drezner, who is submitting PECO Statement No. 3.

9 **10. Q. Please summarize how the Company recovers its projected cost of purchased**
10 **natural gas and prior period over/under collections through current rates.**

11 A. As set forth in its tariff, the Company recovers the projected cost of purchased natural
12 gas and natural gas procurement charges through the Commodity Charge (“CC”) factor
13 of the SSC and the “C” factor of the BSC. In addition, amounts for prior period
14 over/under collections, refunds, interest and other items are recovered through the GCA
15 of the SSC and the “E” factor of the BSC. In total, under PGC No. 40, which was
16 approved by the Commission at Docket No. R-2023-3040285, the Company began
17 recovering \$4.2401 per Mcf for Rates GR and CAP, \$4.2278 per Mcf for Rate GC and
18 \$4.2239 per Mcf for Rates OL, L and MV-F as the bundled SSC and BSC charges
19 applicable to its retail sales service as of December 1, 2023. These amounts were
20 updated by a February 28, 2024 filing for PGC No. 40-Q1 that put into effect, as of
21 March 1, 2024, PGC rates of \$4.7578 per Mcf for Rates GR and CAP, \$4.7450 per Mcf
22 for Rate GC and \$4.7411 per Mcf for Rates OL, L and MV-F.

1 11. Q. Please describe the MFC and its impact on the June 1, 2024 PGC rate.

2 A. As a result of the Commission's Order at Docket No. P-2012-2328614,¹ an MFC was
3 created separately for Rates GR and CAP and Rate GC. The charge recovers
4 uncollectible charge-offs related to natural gas supply from PGC customers who
5 procure their natural gas supply from PECO. It is currently based on write-off factors
6 of 0.42% for Rates GR and CAP and 0.13% for Rate GC and 0.04% for Rates OL, L
7 and MV-F. These write-off factors are from the Commission's Final Order in PECO's
8 2022 Gas Distribution Base Rate Case at Docket No. R-2022-3031113. The write-off
9 factors are applied to the CC, including the GPC portion of the PGC rate, to produce
10 the applicable MFCs. Subsequently, the MFCs are included in the CC portion of the
11 SSC. The MFC charges initially became effective on June 1, 2015.

12 These MFCs will change with PGC rate changes due to the changing CC,
13 including GPC charges, and are not reconcilable. As a result of the different MFCs and
14 the subsequent different CCs, the PGC rates will have different values depending on
15 the applicable rate classes. Specifically, the March 1, 2024 value of the MFC is \$0.0185
16 per Mcf for Rates GR and CAP, \$0.0057 per Mcf for Rate GC and \$0.0018 per Mcf for
17 Rates OL, L and MV-F. This leads to a March 1, 2024 total CC value of \$4.4203 per
18 Mcf for Rates GR and CAP, \$4.4075 per Mcf for Rate GC and \$4.4036 per Mcf for
19 Rates OL, L and MV-F (*see* Table APD-1, below).

¹ *Petition of PECO Energy Company – Gas Division – Pursuant to 66 Pa. C.S. 1308(a) For Approval of its Proposed Tariff Revisions*, Docket No. P-2012-2328614, Order (Issued April 18, 2013).

1

Table APD-1

	Rates GR and CAP (\$/Mcf)	Rate GC (\$/Mcf)	Rates OL, L and MV-F (\$/Mcf)
CC including GPC	\$4.4018	\$4.4018	\$4.4018
MFC	\$0.0185	\$0.0057	\$0.0018
Total CC including GPC and MFC Effective March 1, 2024	\$4.4203	\$4.4075	\$4.4036

2

The March 1, 2024 GCA credit value of (\$0.0468) per Mcf is the same for Rates GR, CAP, GC, OL, L and MV-F. The March 1, 2024 BSC of \$0.3843 per Mcf is also the same for these rates. The resultant PGC rates are shown below in Table APD-2.

3

4

5

Table APD-2

	Rates GR and CAP (\$/Mcf)	Rate GC (\$/Mcf)	Rates OL, L and MV-F (\$/Mcf)
CC	\$4.4203	\$4.4075	\$4.4036
GCA	(\$0.0468)	(\$0.0468)	(\$0.0468)
BSC	\$0.3843	\$0.3843	\$0.3843
Total PGC Rate Effective March 1, 2024	\$4.7578	\$4.7450	\$4.7411

6

7 **12. Q. How does the MFC impact the December 1, 2024 PGC No. 41 rate?**

8

A. The PGC rates will differ, depending on the applicable tariff rate class. Exhibit APD-2 shows the derivation of the proposed December 1, 2024 PGC rates.

9

10

The write-off factors for uncollectible charge-offs are applied to the December

11

1, 2024 CC, including the GPC, to yield an MFC (effective December 1, 2024) of

12

\$0.0181 per Mcf for Rates GR and CAP, \$0.0056 per Mcf for Rate GC and \$0.0017

1 per Mcf for Rates OL, L and MV-F. As a result, the total December 1, 2024 CC,
 2 including the GPC and MFC, is \$4.3386 per Mcf for Rates GR and CAP, \$4.4.3261 per
 3 Mcf for Rate GC and \$4.3222 per Mcf for Rates OL, L and MV-F as shown below in
 4 Table APD-3 and in Exhibit APD-2.

5 **Table APD-3**

	Rates GR and CAP (\$/Mcf)	Rate GC (\$/Mcf)	Rates OL, L and MV-F (\$/Mcf)
CC including GPC	\$4.3205	\$4.3205	\$4.3205
MFC	\$0.0181	\$0.0056	\$0.0017
Total CC including GPC and MFC Effective December 1, 2024	\$4.3386	\$4.3261	\$4.3222

6 Note that the GPC and the write-off factors for the MFC calculation will be updated
 7 based on the Commission’s final determination in PECO’s 2024 natural gas
 8 distribution base rate case at Docket No. R-2024-3046932 (the “2024 Gas Base Rate
 9 Case”). The effective date of rates for the 2024 Gas Base Rate Case is anticipated to be
 10 on January 1, 2025.

- 11 **13. Q. Please describe the rates proposed for PGC No. 41 effective December 1, 2024.**
- 12 A. Adding the GCA value of \$0.1493 per Mcf and the BSC of \$0.3248 per Mcf to the
 13 above total CC values produces PGC rates effective December 1, 2024, of \$4.8127 per
 14 Mcf for Rates GR and CAP, \$4.8002 per Mcf for Rate GC and \$4.7963 per Mcf for
 15 Rates OL, L and MV-F as shown below in Table APD-4 and in Exhibit APD-2.

1

Table APD-4

	Rates GR and CAP (\$/Mcf)	Rate GC (\$/Mcf)	Rates OL, L and MV-F (\$/Mcf)
CC	\$4.3386	\$4.3261	\$4.3222
GCA	\$0.1493	\$0.1493	\$0.1493
BSC	\$0.3248	\$0.3248	\$0.3248
Total PGC Rate Effective December 1, 2024	\$4.8127	\$4.8002	\$4.7963

2

3 **14. Q. Please summarize the differences between the PGC No. 41 and the PGC No. 40-**
4 **Q2 rates.**

5 A. The CC component of the SSC, exclusive of the MFC, is projected to decrease by
6 \$0.0817 per Mcf, from \$4.4018 per Mcf in PGC No. 40-Q1 to \$4.3205 per Mcf in PGC
7 No. 41. The GCA reconciliation component of the SSC will increase from a credit
8 value of (\$0.0468) per Mcf in PGC No. 40-Q1 to a value of \$0.1493 per Mcf in PGC
9 No. 41. Lastly, the BSC will decrease from \$0.3843 per Mcf to \$0.3248 per Mcf.

10 **15. Q. Please explain what caused the CC component of the SSC, exclusive of the MFC,**
11 **to decrease from \$4.4018 per Mcf in PGC No. 40-Q1 to \$4.3205 per Mcf in PGC**
12 **No. 41.**

13 A. The \$4.3205 per Mcf value of the CC, exclusive of the MFC, for PGC No. 41 is
14 comprised of two parts. The first component is the projected recoverable fuel cost of
15 \$291.9 million for the period December 1, 2024 through November 30, 2025 divided
16 by twelve-month projected sales of 68,167,987 Mcf's for the same period, which
17 equates to \$4.2819 per Mcf. In addition, a GPC of \$0.0386 per Mcf is included in the

1 CC component. The calculation of the \$4.4018 per Mcf CC rate, exclusive of the MFC,
2 for PGC No. 40-Q1 reflects a value of \$4.3632 per Mcf for the combination of actual
3 and projected fuel costs and certain over/under collection data for the period December
4 1, 2023 through November 30, 2024.² The CC rate also includes the same GPC value
5 of \$0.0386 per Mcf.

6 **16. Q. Please explain what caused the GCA rate to increase from a credit value of**
7 **(\$0.0468) per Mcf in PGC No. 40-Q1 to a value of \$0.1493 per Mcf in PGC No. 41.**

8 A. The \$0.1961 per Mcf increase in the GCA rate is due to four factors. First, there was a
9 change in the over/under collection component for the commodity cost, from a \$13.8
10 million under-collection balance as of November 30, 2023, reflected in the PGC No.
11 40-Q1 rate, to a projected \$9.1 million under-collection balance as of November 30,
12 2024, which is to be collected from customers during the PGC No. 41 application
13 period.

14 Second, there was a change in the accompanying interest balance from a \$0.5
15 million under-collection balance as of November 30, 2023, reflected in the PGC No.
16 40-Q1 rate, to a projected \$0.7 under-collection balance as of November 30, 2024,
17 which is to be recovered from customers during the PGC No. 41 application period.

18 Third, there was a decrease in the balance for supplier refunds, including
19 interest, from an over-collection balance of \$16.5 million as of November 30, 2023,
20 reflected in the PGC 40-Q2 rate, to a projected over-collection balance of \$2.3 million

² This was calculated in accordance with the PGC quarterly calculation methodology approved in the Company's PGC No. 20 proceeding at Docket No. R-00038409.

1 as of November 30, 2024. Finally, the balance of Rate IS (Interruptible Service) profit
2 has changed from an over-collection balance of \$869 as of November 30, 2023, to a
3 projected over-collection balance of \$1,219 as of November 30, 2024. The changes in
4 interest and supplier refunds act to increase the GCA rate. The changes in the
5 commodity cost under-collection and interest, supplier refund and the Rate IS profit
6 balance act to decrease the GCA rate.

7 **17. Q. Please explain what caused the BSC rate to decrease from \$0.3843 per Mcf in PGC**
8 **No. 40-Q1 to \$0.3248 per Mcf for PGC No. 41.**

9 A. The portion of the total BSC rate for PGC No. 41 associated with contract storage and
10 peaking services of \$0.3874 per Mcf is based on a projected recoverable cost of \$26.4
11 million for the period December 1, 2024 through November 30, 2025, divided by
12 twelve-month projected sales of 68,167,987 Mcf's for the same period. The associated
13 value of \$0.4498 per Mcf for PGC No. 40-Q1 reflects a combination of actual and
14 projected costs and certain over/under-collection data for the period December 1, 2023
15 through November 30, 2024.³ This change caused a decrease of \$0.0624 per Mcf in
16 the BSC rate for PGC No. 41.

17 The combination of changes for over/under-collection balances for various
18 items of the BSC rate act to increase the BSC rate by \$0.0029 per Mcf. The over/under-
19 collection balance associated with contract storage and peaking services changed from
20 a \$2.3 million over-collection balance as of November 30, 2023, to a projected over-

³ This was calculated in accordance with the PGC quarterly calculation methodology approved in the Company's PGC No. 20 proceeding at Docket No. R-00038409.

1 collection balance of \$2.6 million as of November 30, 2024. In addition, the over-
2 collection balance for miscellaneous surcharge monies decreased from \$1.2 million as
3 of December 1, 2023, to a projected over-collection balance of \$1.0 million as of
4 November 30, 2024. Lastly, the net interest balance changed from an over-collection
5 balance of \$0.7 million as of November 30, 2023, to a projected over-collection balance
6 of \$0.6 million as of November 30, 2024.

7 **V. SALES SERVICE COST COMPONENTS**

8 **18. Q. Please describe the information shown in Exhibit APD-1.**

9 A. Exhibit APD-1 is a single sheet titled “Proposed Changes in PGC Rate Prices Effective
10 December 1, 2024.” This sheet consists of three columns, the first of which shows the
11 unbundled rates effective March 1, 2024, from PGC No. 40-Q1. The second column
12 shows the proposed changes to the PGC No. 40-Q1 rates. The third column is the sum
13 of Columns 1 and 2 and shows the PGC No. 41 proposed rates set forth in Supplement
14 No. 15, which are to become effective on December 1, 2024. Exhibit APD-1 shows a
15 total increase of \$0.0549 per Mcf between the proposed PGC No. 41 rates and current
16 PGC No. 40-Q1 rates for Rates GR and CAP, a total increase of \$0.0552 per Mcf for
17 Rate GC and a total increase of \$0.0552 per Mcf for Rates OL, L and MV-F.

18 **19. Q. Please describe the information shown in Exhibit APD-2.**

19 A. Exhibit APD-2 provides the development of the MFC and its effect on the CC by rate
20 class for the PGC No. 41 rate to be effective December 1, 2024. In addition, the GCA
21 and BSC are included to determine the total PGC No. 41 rates by rate class to be
22 effective December 1, 2024.

1 20. Q. Please describe the information shown on page 1 of Exhibit APD-3, which
2 develops the SSC, exclusive of the MFC, for PGC No. 41 to be effective December
3 1, 2024.

4 A. Exhibit APD-3, page 1, summarizes the projected cost of natural gas, the GPC and
5 details of the experienced net under-collection (“E” factor or GCA). Page 1, line 1,
6 shows the allocated projection of the commodity cost of natural gas of \$291,890,012
7 and the associated rate of \$4.2819 per Mcf.

8 In addition, as a result of the Commission’s Order at Docket No. R-2022-
9 3031113, the Company’s 2022 gas distribution base rate case, a GPC of \$0.0386 per
10 Mcf, to recover procurement-related costs including labor, pensions, benefits, outside
11 legal, information technology and working capital, is shown on page 1, line 1. It is
12 applied to PGC customers who obtain natural gas supply from PECO. This charge is
13 included in the calculation of the CC portion of the SSC for PGC No. 40-Q1 and the
14 proposed PGC No. 41. The charge is not reconcilable and will remain constant until
15 the next distribution base rate case.

16 Note that the GPC and the write-off factors for the MFC calculation will be
17 updated based on the Commission’s final determination in PECO’s 2024 natural gas
18 distribution base rate case at Docket No. R-2024-3046932 (the “2024 Gas Base Rate
19 Case”). The effective date of rates for the 2024 Gas Base Rate Case is anticipated to be
20 on January 1, 2025.

21 Summing the components of the projected cost of natural gas of \$4.2819 per
22 Mcf and the GPC of \$0.0386 per Mcf, results in a CC, exclusive of the MFC, of \$4.3205
23 per Mcf.

1 Lines 2.a. - d. summarize the items used to develop the GCA factor. This sheet
2 shows a net amount of approximately \$7.6 million in under-collections, Rate IS profits,
3 supplier refunds and interest to be returned to customers through the GCA factor during
4 the PGC No. 41 application period.

5 **21. Q. Please explain the basis for the approximately \$7.6 million net under-collection to**
6 **be recovered from customers through the GCA factor.**

7 A. Four items determine the net amount. They are set forth below:

8 **Item 1: Over/(Under) Collections (Exhibit APD-3, Pages 2-4)**

9 The recoverable cost of natural gas is subtracted from the CC revenues received,
10 including the adjustment for the prior period reconciliation and excluding GPC and
11 MFC revenues. As of November 30, 2024, the estimated total under-collection balance
12 after reconciliation is expected to be \$9,092,745. That figure is brought forward from
13 page 2 to page 1.

14 **Item 2: Rate IS Profit (Exhibit APD-3, Page 5)**

15 The difference between revenues received and costs comprises “profit” from Rate IS
16 customers. As a result of the compliance filing of the 2020 Gas Base Rate Case at
17 Docket No. R-2020-3018929 and later implemented on the effective date of December
18 1, 2021, for PGC No. 38 at Docket No. R-2021-3025629, future profits are incorporated
19 in distribution base rates. The remaining balance of profits through November 30, 2024,
20 of \$1,219, will be returned to customers and is determined by reconciling prior
21 refunds/recoveries of profits through November 30, 2024.

1 **Item 3: Net Interest on Item 1 (Exhibit APD-3, Page 6)**

2 The current period over/under-collection for the SSC is determined monthly. The
3 current interest is calculated by applying an annual interest rate to these over/under
4 collections which is then multiplied by a factor based on an equivalent payback to the
5 midpoint of the PGC No. 41 application period.

6 Effective December 1, 2016, as a result of PA Act 47 as reflected in the
7 Company's PGC No. 33 Compliance Filing at Docket No. R-2016-2545925, the
8 interest rate used to determine monthly interest for current period under-collections and
9 over-collections is the prime rate for commercial borrowing in effect sixty days prior
10 to the tariff filing in accordance with Section 1307(f).

11 In accordance with Paragraph 24 of the 2023 Joint Petition for Complete
12 Settlement in the PGC No. 40 proceeding, the Company used the prime rate effective
13 sixty days prior to the date of this filing, which was 8.50%, or the period December
14 2023 through November 2024. Based on this interest rate, the current interest for the
15 period December 2023 through November 2024 to be recovered from customers for the
16 GCA during the PGC No. 41 application period amounts to \$370,572.

17 Combining the under-collection balance of \$491,118 as of November 30, 2023,
18 the current interest to be recovered from customers for the December 2023 through
19 November 2024 time period of \$370,572 and the estimated recovery from customers of
20 \$116,300 from December 1, 2023 through November 30, 2024 (Exhibit APD-3, page
21 6), the total interest balance at November 30, 2024, for the GCA to be recovered from
22 customers during the PGC No. 41 application period has an estimated value of
23 \$745,390..

1 **Item 4: Supplier Refunds (Including Interest) (Exhibit APD-3, Page 8)**

2 This item is comprised of the actual refunds returned to the Company by suppliers after
3 July 1, 2001, plus interest calculated at 6% through the midpoint of the PGC No. 40
4 application period less the amount expected to be recovered from customers through
5 November 30, 2024. The net result is an estimated amount of \$2,250,387 to be returned
6 to customers as of November 30, 2024.

7 **VI. BALANCING SERVICE COST COMPONENTS**

8 **22. Q. Please describe the information shown on page 1 of Exhibit APD-4, which**
9 **develops the BSC for PGC No. 41 to be effective December 1, 2024.**

10 A. Exhibit APD-4, page 1, summarizes the projected cost that PECO will incur under
11 natural gas storage and peaking agreements with various interstate pipeline and natural
12 gas marketing companies and details the experienced net over/under-collection balance.
13 Page 1, line 1, shows the projected costs for contract storage and peaking services.
14 Lines 2 a. - d. summarize the items used to develop the “E” factor. This sheet shows
15 that the projected recoverable cost for contract storage and peaking services is \$26.4
16 million for the period December 1, 2024 through November 30, 2025. There is also a
17 projected over-collection balance of \$4.3 million as of November 30, 2024. This
18 amount includes over-collections, refunds, interest, and miscellaneous surcharge
19 monies to be returned to customers during the PGC No. 41 application period. Page 1,
20 line 3 shows the \$22.1 million net amount to be recovered from customers.

21 **23. Q. Please explain the basis for the \$22.1 million net amount to be recovered from**
22 **customers.**

23 A. Five items determine the net amount. They are set forth below:

1 **Item 1: Projected Cost of Gas (Exhibit APD-4, Page 1)**

2 The projected recoverable cost for contract storage facilities and peaking services is
3 \$26,408,521 as shown on Exhibit APD-4, page 1.

4 **Item 2: Over/(Under) Collections (Exhibit APD-4, Pages 2-4)**

5 The recoverable cost of natural gas is subtracted from the BSC revenues received,
6 including the adjustment for the prior period reconciliation. The resulting balance is an
7 estimated over-collection of \$2,640,891 as of November 30, 2024, which figure is
8 brought forward from page 2 to page 1.

9 **Item 3: Miscellaneous Surcharge Monies (Exhibit APD-4, Page 5)**

10 Transportation balancing surcharges and penalties applied to transportation, Rate TCS
11 and Rate IS customers are returned to firm service customers through the BSC. After
12 reconciling refunds of prior balances and adding current surcharge monies, a projected
13 balance of \$1,034,448 as of November 30, 2024, is expected to be returned to
14 customers.

15 **Item 4: Net Interest on Item 2 (Exhibit APD-4, Page 6)**

16 The current period over/under-collections for the BSC are determined monthly.
17 Current interest for the over/under-collections for the BSC is calculated in the same
18 manner as current period interest on over/under-collections for the SSC as described
19 above.

20 As a result, the current interest for the period December 2023 through
21 November 2024 to be returned to customers for the BSC during the PGC No. 41
22 application period amounts to \$537,596. The current interest is based on the 8.50%
23 interest rate previously described above for the SSC.

1 Combining the current interest to be returned to customers of \$537,596 for the
2 period December 2023 through November 2024 with the over-collected balance of prior
3 period interest of \$716,791 as of December 1, 2023, and including the amount returned
4 to customers of \$660,951 during the December 1, 2023 through November 30, 2024
5 period results in an estimated interest balance for the BSC of \$593,436 to be returned
6 to customers during the PGC No. 41 application period.

7 **Item 5: Supplier Refunds (Including Interest) (Exhibit APD-4, Page 7)**

8 This item is comprised of the actual refunds returned to the Company by suppliers on
9 or before July 1, 2001, plus interest calculated at 6% through the midpoint of the PGC
10 No. 40 application period, less the amount expected to be returned to customers through
11 November 30, 2024. The net result is an estimated amount of \$2,041 as of November
12 30, 2024, to be returned to customers.

13 **VII. OTHER RATES**

14 **24. Q. Does the Company propose to update the monthly demand charge for Rate TS**
15 **standby sales service?**

16 Yes. The updated monthly demand charge for Rate TS standby sales service will be
17 \$20.31 per Mcf.

18 **VIII. CONCLUSION**

19 **25. Q. Does this conclude your Direct Testimony?**

20 A. Yes, it does.

Exhibit APD-1

Changes in Preliminary PGC Rate Prices Effective December 1, 2024

Rates GR, CAP, GC, L, OL and MV-F
(Values in \$ per Mcf)

		<u>03/01/24</u> Unbundled Rates	Change in Rates	<u>12/01/24</u> Unbundled Rates	
<u>Rates GR and CAP</u>					
	CC	\$4.4203	(\$0.0817)	\$4.3386	
	GCA	(\$0.0468)	\$0.1961	\$0.1493	
	BSC	<u>\$0.3843</u>	(\$0.0595)	<u>\$0.3248</u>	
	Total	\$4.7578	\$0.0549	\$4.8127	
<u>Rates GC</u>					
	CC	\$4.4075	(\$0.0814)	\$4.3261	
	GCA	(\$0.0468)	\$0.1961	\$0.1493	
	BSC	<u>\$0.3843</u>	(\$0.0595)	<u>\$0.3248</u>	
	Total	\$4.7450	\$0.0552	\$4.8002	
<u>Rates OL, L and MV-F</u>					
	CC	\$4.4036	(\$0.0814)	\$4.3222	
	GCA	(\$0.0468)	\$0.1961	\$0.1493	
	BSC	<u>\$0.3843</u>	(\$0.0595)	<u>\$0.3248</u>	
	Total	\$4.7411	\$0.0552	\$4.7963	
Rate OL					
	(1.5 MCF)	CC	\$6.6054	(\$0.1221)	\$6.4833
	(1.7 MCF)		\$7.4861	(\$0.1384)	\$7.3477
	(2.1 MCF)		\$9.2476	(\$0.1710)	\$9.0766
	(2.4 MCF)		\$10.5686	(\$0.1953)	\$10.3733
	(1.5 MCF)	GCA	(\$0.0702)	\$0.2942	\$0.2240
	(1.7 MCF)		(\$0.0796)	\$0.3334	\$0.2538
	(2.1 MCF)		(\$0.0983)	\$0.4118	\$0.3135
	(2.4 MCF)		(\$0.1123)	\$0.4706	\$0.3583
	(1.5 MCF)	BSC	\$0.5765	(\$0.0893)	\$0.4872
	(1.7 MCF)		\$0.6533	(\$0.1011)	\$0.5522
	(2.1 MCF)		\$0.8070	(\$0.1249)	\$0.6821
	(2.4 MCF)		\$0.9223	(\$0.1428)	\$0.7795
Rate L					
	First 50% of Usage	CC	\$4.4036	(\$0.0814)	\$4.3222
	Additional Use		\$4.4036	(\$0.0814)	\$4.3222
	First 50% of Usage	GCA	(\$0.0468)	\$0.1961	\$0.1493
	Additional Use		(\$0.0468)	\$0.1961	\$0.1493
	First 50% of Usage	BSC	\$0.3843	(\$0.0595)	\$0.3248
	Additional Use		\$0.3843	(\$0.0595)	\$0.3248
Standby Sales Demand Charge Under Rate TS-F			\$19.15	\$1.1600	\$20.31
Unit Credit for Rate TS-F Standby Sales Purchases			\$0.63	\$0.0400	\$0.67
Balancing Charge-Transportation			\$0.0247	(\$0.0022)	\$0.0225

Exhibit APD-2

Exhibit APD-2

PGC No. 41 Calculation Including Gas Procurement Charge (GPC) and Merchant Function Charge (MFC)
 Application Period : December 1, 2024 through November 30, 2025
 Computation Period : December 1, 2024 through November 30, 2025
 \$/Mcf

		<u>Rates GR and CAP</u>	<u>Rate GC</u>	<u>Rates OL, L and MV F</u>
CC Including GPC	Exhibit APD-3, Page 1	\$4.3205	\$4.3205	\$4.3205
x				
Write-Off Factor (a)		0.42%	0.13%	0.04%
=				
MFC		<u>\$0.0181</u>	<u>\$0.0056</u>	<u>\$0.0017</u>
CC Including GPC and MFC		\$4.3386	\$4.3261	\$4.3222
GCA	Exhibit APD-3, Page 1	\$0.1493	\$0.1493	\$0.1493
BSC	Exhibit APD-4, Page 1	<u>\$0.3248</u>	<u>\$0.3248</u>	<u>\$0.3248</u>
Total PGC		\$4.8127	\$4.8002	\$4.7963

(a) From Docket No. R-2022-3031113, the 2022 PECO Gas Distribution Base Rate Case

Exhibit APD-3

Computation of Sales Service Cost Adjustment No. 41
 Application and Computation Period : 12 Months
 December 1, 2024 Through November 30, 2025

1. Projected Commodity Charge Excluding Gas Procurement Charge (GPC)	\$291,890,012	Pg. 2	\$4.2819 /Mcf
GPC From Docket No. R-2022-3031113			<u>\$0.0386</u> /Mcf
Total CC = Commodity Charge Including GPC			\$4.3205 /Mcf
2. E = Experienced and Estimated Net Over/(Under)			
a. Commodity Cost Over / (Under)	(\$9,092,745)	Pg. 2	(\$0.1789) /Mcf
b. Rate IS Profit Monies	\$1,219	Pg. 5	\$0.0000 /Mcf
c. Net Interest on Item a.	(\$745,390)	Pg. 6	(\$0.0147) /Mcf
d. Supplier Refunds (Including Interest)	<u>\$2,250,387</u>	Pg. 8	<u>\$0.0443</u> /Mcf
Experienced Net Over/Under Collections - GCA	(\$7,586,529)		(\$0.1493) /Mcf
3. S = Projected Sales for Computation Period CC	68,167,987	mcf	
4. S = Projected Sales for Computation Period GCA	50,811,719	mcf	
GCA Charge / (Credit) to Customers			\$0.1493 /Mcf

Month	Exclusions							Allocation Factor Calculation					
	cost of cgs gas (a)	Cost of Reg IS Cust. Gas (a)	Cost of Indtdept. IS Gas (a)	Cost of TCS Gas (b)	Cost of MV-I Gas (a)	Rate NGS Exclusion (c)	Total Exclusions (7)	Interdept. Firm Mef (1)	CC Sales Mef (2)	Total Applicable Sales Mef (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)	GCA Sales Mef (5)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3) = (1) + (2)	(4) = (2)/(3)	(5)	
Dec	\$0	\$51,177	\$0	\$13,724	\$632	\$0	\$65,533	Dec	5,098	6,537,888	6,542,986	0.99922085	6,537,888
Jan '23	\$0	\$30,157	\$0	\$74,314	\$381	\$0	\$104,852	Jan '23	2,646	8,224,493	8,227,139	0.99967838	8,224,493
Feb	\$0	\$3,445	\$0	\$87,937	\$20	\$0	\$91,402	Feb	4,947	7,693,270	7,698,217	0.99935738	7,693,270
March	\$0	\$7,856	\$0	\$14,468	\$281	\$0	\$22,605	March	3,261	5,493,108	5,496,369	0.99940670	5,493,108
April	\$0	\$1,880	\$0	\$23,674	\$112	\$0	\$25,666	April	1,365	3,934,905	3,936,270	0.99965323	3,934,905
May	\$0	\$143	\$0	\$13,066	\$101	\$0	\$13,310	May	924	2,111,741	2,112,665	0.99956264	2,111,741
June	\$0	\$38	\$0	\$41,333	\$23	\$0	\$41,394	June	158	1,228,302	1,228,460	0.99987138	1,228,302
July	\$0	\$10	\$0	\$55,772	\$10	\$0	\$55,792	July	158	955,581	955,739	0.99983468	955,581
Aug	\$0	\$2,658	\$0	\$0	\$9	\$0	\$2,667	Aug	49	848,934	848,983	0.99994228	848,934
Sept	\$0	(\$2,938)	\$0	\$250	\$11	\$0	(\$2,677)	Sept	237	877,916	878,153	0.99973012	877,916
Oct	\$0	\$24,624	\$0	(\$22,965)	\$163	\$0	\$1,822	Oct	641	1,253,524	1,254,165	0.99948890	1,253,524
Nov	\$0	\$3,463	\$0	\$5,016	\$107	\$0	\$8,586	Nov	2,060	2,763,315	2,765,375	0.99925507	2,763,315
12 Months	\$0	\$122,513	\$0	\$306,589	\$1,850	\$0	\$430,952	12 Months	21,544	41,922,977	41,944,521		41,922,977
12 Months -Nov 30, 2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0						

(a) CGS, IS, Eddystone IS and MV-I Sales Volumes x Commodity Price Excl. TOP , CGS incl. Off-Peak Reservation Charge
 (b) TCS Sales Volume x (Commodity Price Excl TOP + TCS Fixed Commodity Cost Component)
 (c) Demand portion based on Rate CGS Firm Reservation Supply Charge / 30.41 x NGS Sales Volume,
 Commodity portion based on Weighted Average Commodity Cost of Gas x NGS Sales Volume

Month	Exclusions							Allocation Factor Calculation					
	cost of cgs gas (a)	Cost of Reg IS Cust. Gas (a)	Cost of Indtdept. IS Gas (a)	Cost of TCS Gas (b)	Cost of MV-I Gas (a)	Rate NGS Exclusion (c)	Total Exclusions (7)	Interdept. Firm Mef (1)	CC Sales Mef (2)	Total Applicable Sales Mef (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)	GCA Sales Mef (5)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3) = (1) + (2)	(4) = (2)/(3)	(5)	
Dec	\$0	\$32,285	\$0	\$44,107	\$190	\$0	\$76,582	Dec	2,517	6,098,923	6,101,440	0.99958747	6,098,923
Jan '24	\$0	\$13,622	\$0	\$37,669	\$410	\$0	\$51,701	Jan '24	6,562	8,043,336	8,049,898	0.99918483	8,043,336
Feb	\$0	\$22,174	\$0	\$22,092	\$114	\$0	\$44,380	Feb	0	7,107,764	7,107,764	1.00000000	7,107,764
March	\$0	\$0	\$0	\$0	\$216	\$0	\$216	March	4,858	6,606,635	6,611,493	0.99926522	6,606,635
April	\$0	\$0	\$0	\$0	\$86	\$0	\$86	April	3,746	4,125,640	4,129,386	0.99909284	4,125,640
May (est)	\$0	\$2,124	\$0	\$31,607	\$48	\$0	\$33,779	May (est)	924	2,741,532	2,742,456	0.99966308	1,764,236
June (est)	\$0	\$2,315	\$0	\$22,315	\$55	\$0	\$24,685	June (est)	158	1,809,285	1,809,443	0.99991268	1,170,136
July (est)	\$0	\$2,658	\$0	\$13,478	\$59	\$0	\$16,195	July (est)	158	1,614,054	1,614,212	0.99990212	1,087,572
Aug (est)	\$0	\$2,644	\$0	\$13,403	\$63	\$0	\$16,110	Aug (est)	49	1,575,319	1,575,368	0.99996890	1,114,335
Sept (est)	\$0	\$2,356	\$0	\$11,376	\$58	\$0	\$13,790	Sept (est)	237	1,684,137	1,684,374	0.99985929	1,179,448
Oct (est)	\$0	\$2,233	\$0	\$7,006	\$54	\$0	\$9,293	Oct (est)	641	3,207,864	3,208,505	0.99980022	2,553,900
Nov (est)	\$0	\$3,192	\$0	\$15,221	\$83	\$0	\$18,496	Nov (est)	2,060	6,513,293	6,515,353	0.99968382	5,308,563
12 Months	\$0	\$85,603	\$0	\$218,274	\$1,436	\$0	\$305,313	12 Months	21,910	51,127,781	51,149,691		46,160,487
12 Months -Nov 30, 2025	\$0	\$41,662	\$0	\$515,330	\$996	\$0	\$557,988						

(a) CGS, IS, Eddystone IS and MV-I Sales Volumes x Commodity Price Excl. TOP , CGS incl. Off-Peak Reservation Charge
 (b) TCS Sales Volume x (Commodity Price Excl TOP + TCS Fixed Commodity Cost Component)
 (c) Demand portion based on Rate CGS Firm Reservation Supply Charge / 30.41 x NGS Sales Volume,
 Commodity portion based on Weighted Average Commodity Cost of Gas x NGS Sales Volume

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)	GCA Appl. Sales In Month (4)	Prior Pd. O/(U) Adjust. Rate (5)	Prior Pd. O/(U) Adjust. Revenue (6) = (4) x (5)	Total Revenues Recovered In Base Rates (7) = (3) + (6)
Dec bef 12/1	3,346,941	\$7.6921	\$25,745,005	3,346,941	\$0.4791	\$1,603,519	\$27,348,524
Dec aft 12/1	3,190,947	\$7.0529	\$22,505,430	3,190,947	\$0.1888	\$602,451	\$23,107,881
Jan '23 bef 12/1	-	\$7.6921	\$0		\$0.4791	\$0	\$0
Jan '23 aft 12/1	8,224,493	\$7.0529	\$58,006,527	8,224,493	\$0.1888	\$1,552,784	\$59,559,311
Feb	7,693,270	\$7.0502	\$54,239,092	7,693,270	\$0.1896	\$1,458,644	\$55,697,736
March	5,493,108	\$6.1688	\$33,885,885	5,493,108	\$0.4369	\$2,399,939	\$36,285,824
April	3,934,905	\$5.4618	\$21,491,664	3,934,905	\$0.6353	\$2,499,845	\$23,991,509
May	2,111,741	\$5.4618	\$11,533,907	2,111,741	\$0.6353	\$1,341,589	\$12,875,496
June	1,228,302	\$5.1612	\$6,339,512	1,228,302	\$0.6300	\$773,830	\$7,113,342
July	955,581	\$4.7174	\$4,507,858	955,581	\$0.6221	\$594,467	\$5,102,325
Aug	848,934	\$4.7174	\$4,004,761	848,934	\$0.6221	\$528,122	\$4,532,883
Sept	877,916	\$4.7174	\$4,141,481	877,916	\$0.6221	\$546,152	\$4,687,633
Oct	1,253,524	\$4.7174	\$5,913,374	1,253,524	\$0.6221	\$779,817	\$6,693,191
Nov	2,763,315	\$4.7174	\$13,035,662	2,763,315	\$0.6221	\$1,719,058	\$14,754,720
12 Months	41,922,977		\$265,350,158	41,922,977		\$16,400,217	\$281,750,375

SSC Revenues

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)	GCA Appl. Sales In Month (4)	Prior Pd. O/(U) Adjust. Rate (5)	Prior Pd. O/(U) Adjust. Revenue (6) = (4) x (5)	Total Revenues Recovered In Base Rates (7) = (3) + (6)
Dec bef 12/1	3,497,732	\$4.7174	\$16,500,201	3,497,732	\$0.6221	\$2,175,939	\$18,676,140
Dec aft 12/1	2,601,191	\$4.2347	\$11,015,264	2,601,191	(\$0.1076)	(\$279,888)	\$10,735,376
Jan '24 bef 12/1	-	\$4.7174	\$0		\$0.6221	\$0	\$0
Jan '24 aft 12/1	8,043,336	\$4.2354	\$34,066,745	8,043,336	(\$0.1066)	(\$857,420)	\$33,209,325
Feb	7,107,764	\$4.2347	\$30,099,248	7,107,764	(\$0.1076)	(\$764,795)	\$29,334,453
March	6,606,635	\$4.2882	\$28,330,572	6,606,635	\$0.0582	\$384,506	\$28,715,078
April	4,125,640	\$4.3632	\$18,000,992	4,125,640	\$0.2908	\$1,199,736	\$19,200,728
May (est)	2,741,532	\$4.3632	\$11,961,851	1,764,236	\$0.2908	\$513,040	\$12,474,891
June (est)	1,809,285	\$4.3632	\$7,894,271	1,170,136	\$0.2908	\$340,275	\$8,234,546
July (est)	1,614,054	\$4.3632	\$7,042,439	1,087,572	\$0.2908	\$316,266	\$7,358,705
Aug (est)	1,575,319	\$4.3632	\$6,873,432	1,114,335	\$0.2908	\$324,049	\$7,197,481
Sept (est)	1,684,137	\$4.3632	\$7,348,226	1,179,448	\$0.2908	\$342,983	\$7,691,209
Oct (est)	3,207,864	\$4.3632	\$13,996,553	2,553,900	\$0.2908	\$742,674	\$14,739,227
Nov (est)	6,513,293	\$4.3632	\$28,418,800	5,308,563	\$0.2908	\$1,543,730	\$29,962,530
12 Months	51,127,781		\$221,548,594	46,160,487		\$5,981,095	\$227,529,689

IS Profits

	Gross	IS Gas	Unauth.	"Net"	Reg IS		Total	Increase	Profit to Be	Applicable	IS Profit	IS Profits	Cumulative
	Gross	IS Gas	Unauth.	"Net"	Reg IS		Total	Increase	Profit to Be	Applicable	IS Profit	IS Profits	Cumulative
	Reg IS	Penalty	IS Gas	IS Reg	Sales	Commodity	Reg IS	In Taxable	Returned	GCA	Return	Distributed	Over/(Under)
	Revenue	Revenue	Revenue	Revenue	Mcf	Cost/Mcf	Cost of Gas	Income	To Customers	Sales	Rate	to Custs.	Reconciliation
	(1)	(2)	(3)	(4) =	(5)	(6)	(7) =	(8) =	(9) =	(10)	(11)	(12) =	(13) =
				(1)-(2)-(3)			(5) x (6)	(4) - (7)	(8) x 0% (a)			(10) x (11)	(9) - (12)
Balance													(\$5,330)
- Nov. 30, 2022													
Dec bef 12/1										3,346,941	(\$0.0007)	(\$2,343)	(\$2,987)
Dec aft 12/1	\$52,498	\$0	\$0	\$52,498	6,401	\$7.9952	\$51,177	\$1,321	\$0	3,190,947	(\$0.0001)	(\$319)	(\$2,668)
Jan '23 bef 12/1										0	(\$0.0007)	\$0	(\$2,668)
Jan '23 aft 12/1	\$42,443	\$0	\$0	\$42,443	4,434	\$6.8013	\$30,157	\$12,286	\$0	8,224,493	(\$0.0001)	(\$822)	(\$1,846)
Feb	\$5,244	\$0	\$0	\$5,244	506	\$6.8078	\$3,445	\$1,799	\$0	7,693,270	(\$0.0001)	(\$769)	(\$1,077)
March	\$14,562	\$0	\$0	\$14,562	1,593	\$4.9317	\$7,856	\$6,706	\$0	5,493,108	(\$0.0001)	(\$549)	(\$528)
April	\$5,595	\$0	\$0	\$5,595	655	\$2.8698	\$1,880	\$3,715	\$0	3,934,905	(\$0.0001)	(\$393)	(\$135)
May	\$628	\$0	\$0	\$628	64	\$2.2334	\$143	\$485	\$0	2,111,741	(\$0.0001)	(\$211)	\$76
June	\$363	\$0	\$0	\$363	23	\$1.6560	\$38	\$325	\$0	1,228,302	(\$0.0001)	(\$123)	\$199
July	\$272	\$0	\$0	\$272	8	\$1.2926	\$10	\$262	\$0	955,581	(\$0.0001)	(\$96)	\$295
Aug	\$13,619	\$0	\$0	\$13,619	2,042	\$1.3015	\$2,658	\$10,961	\$0	848,934	(\$0.0001)	(\$85)	\$380
Sept	(\$9,887)	\$0	\$0	(\$9,887)	(1,567)	\$1.8752	(\$2,938)	(\$6,949)	\$0	877,916	(\$0.0001)	(\$88)	\$468
Oct	\$53,459	\$0	\$0	\$53,459	7,567	\$3.2541	\$24,624	\$28,835	\$0	1,253,524	(\$0.0001)	(\$125)	\$593
Nov	\$7,126	\$0	\$0	\$7,126	941	\$3.6797	\$3,463	\$3,663	\$0	2,763,315	(\$0.0001)	(\$276)	\$869
12 Months	\$185,922	\$0	\$0	\$185,922	22,667		\$122,513	\$63,409	\$0	41,922,977		(\$6,199)	\$6,199
Balance													\$869
at Nov 30, 2023													

(a) From Docket No. R-2020-3018929 and Docket No. R-2021-3025629

IS Profits

	Gross	IS Gas	Unauth.	"Net"	Reg IS		Total	Increase	Profit to Be	Applicable	IS Profit	IS Profits	Cumulative
	Gross	IS Gas	Unauth.	"Net"	Reg IS		Total	Increase	Profit to Be	Applicable	IS Profit	IS Profits	Cumulative
	Reg IS	Penalty	IS Gas	IS Reg	Sales	Commodity	Reg IS	In Taxable	Returned	GCA	Return	Distributed	Over/(Under)
	Revenue	Revenue	Revenue	Revenue	Mcf	Cost/Mcf	Cost of Gas	Income	To Customers	Sales	Rate	to Custs.	Reconciliation
	(1)	(2)	(3)	(4) =	(5)	(6)	(7) =	(8) =	(9) =	(10)	(11)	(12) =	(13) =
				(1)-(2)-(3)			(5) x (6)	(4) - (7)	(8) x 0% (a)			(10) x (11)	(9) - (12)
Balance													\$869
- Nov. 30, 2023													
Dec bef 12/1										3,497,732	(\$0.0001)	(\$350)	\$1,219
Dec aft 12/1	\$85,443	\$0	\$0	\$85,443	10,012	\$3.2246	\$32,285	\$53,158	\$0	2,601,191	\$0.0000	\$0	\$1,219
Jan '24 bef 12/1										0	(\$0.0001)	\$0	\$1,219
Jan '24 aft 12/1	\$7,095	\$0	\$0	\$7,095	931	\$14.6321	\$13,622	(\$6,527)	\$0	8,043,336	\$0.0000	\$0	\$1,219
Feb	\$35,935	\$0	\$0	\$35,935	5,054	\$4.3875	\$22,174	\$13,761	\$0	7,107,764	\$0.0000	\$0	\$1,219
March	\$0	\$0	\$0	\$0	0	\$3.4775	\$0	\$0	\$0	6,606,635	\$0.0000	\$0	\$1,219
April	\$0	\$0	\$0	\$0	0	\$2.1930	\$0	\$0	\$0	4,125,640	\$0.0000	\$0	\$1,219
May (est)	\$5,956	\$0	\$0	\$5,956	1,370	\$1.5500	\$2,124	\$3,832	\$0	1,764,236	\$0.0000	\$0	\$1,219
June (est)	\$6,148	\$0	\$0	\$6,148	1,370	\$1.6900	\$2,315	\$3,833	\$0	1,170,136	\$0.0000	\$0	\$1,219
July (est)	\$6,490	\$0	\$0	\$6,490	1,370	\$1.9400	\$2,658	\$3,832	\$0	1,087,572	\$0.0000	\$0	\$1,219
Aug (est)	\$6,477	\$0	\$0	\$6,477	1,370	\$1.9300	\$2,644	\$3,833	\$0	1,114,335	\$0.0000	\$0	\$1,219
Sept (est)	\$6,189	\$0	\$0	\$6,189	1,370	\$1.7200	\$2,356	\$3,833	\$0	1,179,448	\$0.0000	\$0	\$1,219
Oct (est)	\$6,066	\$0	\$0	\$6,066	1,370	\$1.6300	\$2,233	\$3,833	\$0	2,553,900	\$0.0000	\$0	\$1,219
Nov (est)	\$7,025	\$0	\$0	\$7,025	1,370	\$2.3300	\$3,192	\$3,833	\$0	5,308,563	\$0.0000	\$0	\$1,219
12 Months	\$172,822	\$0	\$0	\$172,822	25,587		\$85,603	\$87,219	\$0	46,160,487		(\$350)	\$350
Balance													\$1,219
at Nov 30, 2024													

(a) From Docket No. R-2020-3018929 and Docket No. R-2021-3025629

Month	GCA Applicable Sales (1)	PUC Adj. Factor \$/Mcf (2)	PUC Adjust. Revenues Retrnd To Custs. (3) = (1) x (2)	
Balance				(\$1,311)
- Nov. 30, 2022				
Dec bef 12/1	3,346,941	\$0.0000	\$0	(\$1,311)
Dec aft 12/1	3,190,947	\$0.0000	\$0	(\$1,311)
Jan '23 bef 12/1	-	\$0.0000	\$0	(\$1,311)
Jan '23 aft 12/1	8,224,493	\$0.0000	\$0	(\$1,311)
Feb	7,693,270	\$0.0000	\$0	(\$1,311)
March	5,493,108	\$0.0000	\$0	(\$1,311)
April	3,934,905	\$0.0000	\$0	(\$1,311)
May	2,111,741	\$0.0000	\$0	(\$1,311)
June	1,228,302	\$0.0000	\$0	(\$1,311)
July	955,581	\$0.0000	\$0	(\$1,311)
Aug	848,934	\$0.0000	\$0	(\$1,311)
Sept	877,916	\$0.0000	\$0	(\$1,311)
Oct	1,253,524	\$0.0000	\$0	(\$1,311)
Nov	2,763,315	\$0.0000	\$0	(\$1,311)
12 Months	41,922,977		\$0	
Balance at Nov 30, 2023				(\$1,311)

Month	GCA Applicable Sales (1)	PUC Adj. Factor \$/Mcf (2)	PUC Adjust. Revenues Retrnd To Custs. (3) = (1) x (2)	
Balance				(\$1,311)
- Nov. 30, 2023				
Dec bef 12/1	3,497,732	\$0.0000	\$0	(\$1,311)
Dec aft 12/1	2,601,191	\$0.0000	\$0	(\$1,311)
Jan '24 bef 12/1	-	\$0.0000	\$0	(\$1,311)
Jan '24 aft 12/1	8,043,336	\$0.0000	\$0	(\$1,311)
Feb	7,107,764	\$0.0000	\$0	(\$1,311)
March	6,606,635	\$0.0000	\$0	(\$1,311)
April	4,125,640	\$0.0000	\$0	(\$1,311)
May (est)	1,764,236	\$0.0000	\$0	(\$1,311)
June (est)	1,170,136	\$0.0000	\$0	(\$1,311)
July (est)	1,087,572	\$0.0000	\$0	(\$1,311)
Aug (est)	1,114,335	\$0.0000	\$0	(\$1,311)
Sept (est)	1,179,448	\$0.0000	\$0	(\$1,311)
Oct (est)	2,553,900	\$0.0000	\$0	(\$1,311)
Nov (est)	5,308,563	\$0.0000	\$0	(\$1,311)
12 Months	46,160,487		\$0	
Balance at Nov 30, 2024				(\$1,311)

Month	Gross Cost of Gas Excl. TOP (1)	Total Exclusions (2)	Net Cost of Gas (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost of Gas (5) = (3) x (4)
Balance					
- Nov. 30, 2024					
Dec (est)	\$38,542,550	\$49,181	\$38,493,369	0.99975996	\$38,484,129
Jan '25 (est)	\$49,395,550	\$90,037	\$49,305,513	0.99949618	\$49,280,672
Feb (est)	\$43,164,300	\$97,544	\$43,066,756	1.00000000	\$43,066,756
March (est)	\$35,577,800	\$87,893	\$35,489,907	0.99947111	\$35,471,137
April (est)	\$20,216,300	\$58,985	\$20,157,315	0.99925326	\$20,142,263
May (est)	\$14,757,300	\$46,606	\$14,710,694	0.99966442	\$14,705,757
June (est)	\$12,297,300	\$32,811	\$12,264,489	0.99991335	\$12,263,426
July (est)	\$12,337,300	\$20,853	\$12,316,447	0.99990309	\$12,315,253
Aug (est)	\$12,141,300	\$20,623	\$12,120,677	0.99996921	\$12,120,304
Sept (est)	\$11,748,300	\$17,741	\$11,730,559	0.99986070	\$11,728,925
Oct (est)	\$15,328,300	\$12,575	\$15,315,725	0.99980228	\$15,312,697
Nov (est)	\$27,030,300	\$23,139	\$27,007,161	0.99968647	\$26,998,693
12 Months	\$292,536,600	\$557,988	\$291,978,612		\$291,890,012

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)
Dec bef 12/1	5,379,003	\$4.3632	\$23,469,666
Dec aft 12/1	5,104,340	\$4.2819	\$21,856,274
Jan '25 bef 12/1	-	\$4.3632	\$0
Jan '25 aft 12/1	13,017,998	\$4.2819	\$55,741,767
Feb (est)	11,165,429	\$4.2819	\$47,809,250
March (est)	9,180,357	\$4.2819	\$39,309,369
April (est)	5,012,713	\$4.2819	\$21,463,935
May (est)	2,752,522	\$4.2819	\$11,786,026
June (est)	1,823,243	\$4.2819	\$7,806,943
July (est)	1,630,199	\$4.2819	\$6,980,347
Aug (est)	1,591,425	\$4.2819	\$6,814,321
Sept (est)	1,701,174	\$4.2819	\$7,284,257
Oct (est)	3,241,308	\$4.2819	\$13,878,956
Nov (est)	6,568,277	\$4.2819	\$28,124,704
12 Months	68,167,987		\$292,325,815

Month	CC Portion of SSC Revenue (1)	Recoverable Cost of Gas (2)	Current Over/(Under) Collection for Interest (3) = (1) - (2)
Balance			
- Nov. 30, 2024			
Dec bef 12/1			
Dec aft 12/1	\$45,325,940	\$38,484,129	\$6,841,811
Jan '25 bef 12/1			
Jan '25 aft 12/1	\$55,741,767	\$49,280,672	\$6,461,095
Feb (est)	\$47,809,250	\$43,066,756	\$4,742,494
March (est)	\$39,309,369	\$35,471,137	\$3,838,232
April (est)	\$21,463,935	\$20,142,263	\$1,321,672
May (est)	\$11,786,026	\$14,705,757	(\$2,919,731)
June (est)	\$7,806,943	\$12,263,426	(\$4,456,483)
July (est)	\$6,980,347	\$12,315,253	(\$5,334,906)
Aug (est)	\$6,814,321	\$12,120,304	(\$5,305,983)
Sept (est)	\$7,284,257	\$11,728,925	(\$4,444,668)
Oct (est)	\$13,878,956	\$15,312,697	(\$1,433,741)
Nov (est)	\$28,124,704	\$26,998,693	\$1,126,011
12 Months	\$292,325,815	\$291,890,012	\$435,803

Exhibit APD-4

Computation of Balancing Service Cost Adjustment No. 41
Application and Computation Period : 12 Months
December 1, 2024 Through November 30, 2025

1. C = Projected Cost of Gas for Application Period	\$26,408,521	Pg. 2	\$0.3874 /Mcf
2. E = Experienced and Estimated Net Over/(Under)			
a. Balancing Over / (Under)	\$2,640,891	Pg. 2	\$0.0387 /Mcf
b. Miscellaneous Surcharge Monies	\$1,034,448	Pg. 5	\$0.0152 /Mcf
c. Net Interest on Item a.	\$593,436	Pg. 6	\$0.0087 /Mcf
d. Supplier Refunds (Including Interest)	<u>\$2,041</u>	Pg. 7	<u>\$0.0000</u> /Mcf
Experienced Net Over/(Under) Collections	\$4,270,816		\$0.0626 /Mcf
3. C - E	\$22,137,705		\$0.3248 /Mcf
4. S = Projected Sales for Computation Period	68,167,987	mcf	
Charge / (Credit) to Customers			\$0.3248 /Mcf

Over/(Under) Collections

Exhibit APD-4
Page 2

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)	BSC Revenues In Base (6)	Monthly Over/(Under) Collection (7) = (6) - (5)	Cumulative Total (8)
Balance	-Nov 30, 2022							(\$911,479)
Dec	\$2,643,188	\$25,127	\$2,618,061	0.99942853	\$2,616,565	\$4,638,358	\$2,021,793	\$1,110,314
Jan '23	\$2,680,550	\$33,273	\$2,647,277	0.99976352	\$2,646,651	\$6,471,327	\$3,824,676	\$4,934,990
Feb	\$2,606,166	\$33,787	\$2,572,379	0.99951594	\$2,571,134	\$5,908,295	\$3,337,161	\$8,272,151
March	\$2,550,415	\$27,013	\$2,523,402	0.99958039	\$2,522,343	\$4,406,183	\$1,883,840	\$10,155,991
April	\$2,244,364	\$29,096	\$2,215,268	0.99975379	\$2,214,723	\$3,093,952	\$879,229	\$11,035,220
May	\$2,119,795	\$28,353	\$2,091,442	0.99970097	\$2,090,817	\$1,724,300	(\$366,517)	\$10,668,703
June	\$2,127,861	\$34,775	\$2,093,086	0.99991540	\$2,092,909	\$872,473	(\$1,220,436)	\$9,448,267
July	\$2,114,726	\$37,640	\$2,077,086	0.99989340	\$2,076,865	\$493,082	(\$1,583,783)	\$7,864,484
Aug	\$2,136,965	\$25,768	\$2,111,197	0.99996259	\$2,111,118	\$435,810	(\$1,675,308)	\$6,189,176
Sept	\$2,124,862	\$25,651	\$2,099,211	0.99982861	\$2,098,851	\$459,992	(\$1,638,859)	\$4,550,317
Oct	\$2,118,583	\$20,164	\$2,098,419	0.99966407	\$2,097,714	\$634,621	(\$1,463,093)	\$3,087,224
Nov	\$2,129,251	\$24,821	\$2,104,430	0.99948112	\$2,103,338	\$1,320,168	(\$783,170)	\$2,304,054
12 Months	\$27,596,726	\$345,468	\$27,251,258		\$27,243,028	\$30,458,561	\$3,215,533	
12 Months -Nov 30, 2024	\$25,906,860	\$294,337	\$25,612,523		\$25,605,531			

Over/(Under) Collections

Exhibit APD-4
Page 2

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)	BSC Revenues In Base (6)	Monthly Over/(Under) Collection (7) = (6) - (5)	Cumulative Total (8)
Balance	-Nov 30, 2023							\$2,304,054
Dec	\$2,101,934	\$26,721	\$2,075,213	0.99970230	\$2,074,595	\$3,110,210	\$1,035,615	\$3,339,669
Jan '24	\$2,176,115	\$24,632	\$2,151,483	0.99940813	\$2,150,210	\$4,601,633	\$2,451,423	\$5,791,092
Feb	\$2,217,872	\$20,892	\$2,196,980	1.00000000	\$2,196,980	\$4,076,411	\$1,879,431	\$7,670,523
March	\$2,168,234	\$16,983	\$2,151,251	0.99947034	\$2,150,112	\$3,802,513	\$1,652,401	\$9,322,924
April	\$2,179,705	\$20,599	\$2,159,106	0.99936098	\$2,157,726	\$2,425,372	\$267,646	\$9,590,570
May (est)	\$2,149,000	\$28,044	\$2,120,956	0.99966308	\$2,120,241	\$1,134,994	(\$985,247)	\$8,605,323
June (est)	\$2,128,000	\$25,680	\$2,102,320	0.99991268	\$2,102,136	\$749,044	(\$1,353,092)	\$7,252,231
July (est)	\$2,149,000	\$24,940	\$2,124,060	0.99990212	\$2,123,852	\$668,218	(\$1,455,634)	\$5,796,597
Aug (est)	\$2,149,000	\$24,296	\$2,124,704	0.99996890	\$2,124,638	\$652,182	(\$1,472,456)	\$4,324,141
Sept (est)	\$2,128,000	\$23,407	\$2,104,593	0.99985929	\$2,104,297	\$697,233	(\$1,407,064)	\$2,917,077
Oct (est)	\$2,149,000	\$26,519	\$2,122,481	0.99980022	\$2,122,057	\$1,328,055	(\$794,002)	\$2,123,075
Nov (est)	\$2,211,000	\$31,624	\$2,179,376	0.99968382	\$2,178,687	\$2,696,503	\$517,816	\$2,640,891
12 Months	\$25,906,860	\$294,337	\$25,612,523		\$25,605,531	\$25,942,368	\$336,837	
12 Months -Nov 30, 2025	\$26,791,000	\$375,385	\$26,415,615		\$26,408,521			

Exclusions				
Month	Standby Sales Service (1)	Cost of TCS Gas (a) (2)	Rate NGS Exclusion (b) (3)	Total Exclusions (4) = (1) + (2) + (3)
Dec	\$24,279	\$848	\$0	\$25,127
Jan '23	\$26,975	\$6,298	\$0	\$33,273
Feb	\$25,529	\$8,258	\$0	\$33,787
March	\$25,680	\$1,333	\$0	\$27,013
April	\$25,834	\$3,262	\$0	\$29,096
May	\$25,846	\$2,507	\$0	\$28,353
June	\$25,569	\$9,206	\$0	\$34,775
July	\$25,259	\$12,381	\$0	\$37,640
Aug	\$25,768	\$0	\$0	\$25,768
Sept	\$25,590	\$61	\$0	\$25,651
Oct	\$24,798	(\$4,634)	\$0	\$20,164
Nov	\$24,183	\$638	\$0	\$24,821
12 Months	\$305,310	\$40,158	\$0	\$345,468
12 Months -Nov 30, 2024	\$0	\$0	\$0	\$0

Allocation Factor Calculation				
	Interdept. Firm Mcf (1)	BSC Sales Mcf (2)	Total Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)
Dec	5,098	8,915,764	8,920,862	0.99942853
Jan '23	2,646	11,186,391	11,189,037	0.99976352
Feb	4,947	10,214,894	10,219,841	0.99951594
March	3,261	7,768,307	7,771,568	0.99958039
April	1,365	5,542,730	5,544,095	0.99975379
May	924	3,089,037	3,089,961	0.99970097
June	158	1,867,451	1,867,609	0.99991540
July	158	1,482,063	1,482,221	0.99989340
Aug	49	1,309,918	1,309,967	0.99996259
Sept	237	1,382,605	1,382,842	0.99982861
Oct	641	1,907,488	1,908,129	0.99966407
Nov	2,060	3,968,045	3,970,105	0.99948112
12 Months	21,544	58,634,693	58,656,237	
(a) TCS Sales Volume x TCS Fixed Cost Storage Component				
(b) Based on C factor portion of Balancing Service Charge (BSC) x NGS Sales Volume				

Exclusions				
Month	Standby Sales Service (1)	Cost of TCS Gas (a) (2)	Rate NGS Exclusion (b) (3)	Total Exclusions (4) = (1) + (2) + (3)
Dec	\$21,914	\$4,807	\$0	\$26,721
Jan '24	\$21,062	\$3,570	\$0	\$24,632
Feb	\$18,333	\$2,559	\$0	\$20,892
March	\$16,983	\$0	\$0	\$16,983
April	\$20,599	\$0	\$0	\$20,599
May (est)	\$22,402	\$5,642	\$0	\$28,044
June (est)	\$21,898	\$3,782	\$0	\$25,680
July (est)	\$22,845	\$2,095	\$0	\$24,940
Aug (est)	\$22,206	\$2,090	\$0	\$24,296
Sept (est)	\$21,500	\$1,907	\$0	\$23,407
Oct (est)	\$25,305	\$1,214	\$0	\$26,519
Nov (est)	\$29,529	\$2,095	\$0	\$31,624
12 Months	\$264,576	\$29,761	\$0	\$294,337
12 Months -Nov 30, 2025	\$325,250	\$50,135	\$0	\$375,385

Allocation Factor Calculation				
	Interdept. Firm Mcf (1)	BSC Sales Mcf (2)	Total Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)
Dec	2,517	8,452,307	8,454,824	0.99970230
Jan '24	6,562	11,080,263	11,086,825	0.99940813
Feb	0	9,813,218	9,813,218	1.00000000
March	4,858	9,167,098	9,171,956	0.99947034
April	3,746	5,858,386	5,862,132	0.99936098
May (est)	924	2,741,532	2,742,456	0.99966308
June (est)	158	1,809,285	1,809,443	0.99991268
July (est)	158	1,614,054	1,614,212	0.99990212
Aug (est)	49	1,575,319	1,575,368	0.99996890
Sept (est)	237	1,684,137	1,684,374	0.99985929
Oct (est)	641	3,207,864	3,208,505	0.99980022
Nov (est)	2,060	6,513,293	6,515,353	0.99968382
12 Months	21,910	63,516,755	63,538,665	
(a) TCS Sales Volume x TCS Fixed Cost Storage Component				
(b) Based on C factor portion of Balancing Service Charge (BSC) x NGS Sales Volume				

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)	Prior Pd. O/(U) Adjust. Rate (4)	Prior Pd. O/(U) Adjust. Revenue (5) = (1) x (4)	Total Revenues Recovered In Base Rates (6) = (3) + (5)
Dec bef 12/1	4,564,247	\$0.4639	\$2,117,354	\$0.0008	\$3,651	\$2,121,005
Dec aft 12/1	4,351,517	\$0.5799	\$2,523,445	(\$0.0014)	(\$6,092)	\$2,517,353
Jan '23 bef 12/1	-	\$0.4639	\$0	\$0.0008	\$0	\$0
Jan '23 aft 12/1	11,186,391	\$0.5799	\$6,486,988	(\$0.0014)	(\$15,661)	\$6,471,327
Feb	10,214,894	\$0.5798	\$5,922,596	(\$0.0014)	(\$14,301)	\$5,908,295
March	7,768,307	\$0.5598	\$4,348,698	\$0.0074	\$57,485	\$4,406,183
April	5,542,730	\$0.5437	\$3,013,582	\$0.0145	\$80,370	\$3,093,952
May	3,089,037	\$0.5437	\$1,679,509	\$0.0145	\$44,791	\$1,724,300
June	1,867,451	\$0.4526	\$845,208	\$0.0146	\$27,265	\$872,473
July	1,482,063	\$0.3180	\$471,296	\$0.0147	\$21,786	\$493,082
Aug	1,309,918	\$0.3180	\$416,554	\$0.0147	\$19,256	\$435,810
Sept	1,382,605	\$0.3180	\$439,668	\$0.0147	\$20,324	\$459,992
Oct	1,907,488	\$0.3180	\$606,581	\$0.0147	\$28,040	\$634,621
Nov	3,968,045	\$0.3180	\$1,261,838	\$0.0147	\$58,330	\$1,320,168
12 Months	58,634,693		\$30,133,317		\$325,244	\$30,458,561

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)	Prior Pd. O/(U) Adjust. Rate (4)	Prior Pd. O/(U) Adjust. Revenue (5) = (1) x (4)	Total Revenues Recovered In Base Rates (6) = (3) + (5)
Dec bef 12/1	4,847,398	\$0.3180	\$1,541,473	\$0.0147	\$71,257	\$1,612,730
Dec aft 12/1	3,604,909	\$0.4605	\$1,660,061	(\$0.0451)	(\$162,581)	\$1,497,480
Jan '24 bef 12/1	-	\$0.3180	\$0	\$0.0147	\$0	\$0
Jan '24 aft 12/1	11,080,263	\$0.4603	\$5,100,245	(\$0.0450)	(\$498,612)	\$4,601,633
Feb	9,813,218	\$0.4605	\$4,518,987	(\$0.0451)	(\$442,576)	\$4,076,411
March	9,167,098	\$0.4560	\$4,180,197	(\$0.0412)	(\$377,684)	\$3,802,513
April	5,858,386	\$0.4498	\$2,635,102	(\$0.0358)	(\$209,730)	\$2,425,372
May (est)	2,741,532	\$0.4498	\$1,233,141	(\$0.0358)	(\$98,147)	\$1,134,994
June (est)	1,809,285	\$0.4498	\$813,816	(\$0.0358)	(\$64,772)	\$749,044
July (est)	1,614,054	\$0.4498	\$726,001	(\$0.0358)	(\$57,783)	\$668,218
Aug (est)	1,575,319	\$0.4498	\$708,578	(\$0.0358)	(\$56,396)	\$652,182
Sept (est)	1,684,137	\$0.4498	\$757,525	(\$0.0358)	(\$60,292)	\$697,233
Oct (est)	3,207,864	\$0.4498	\$1,442,897	(\$0.0358)	(\$114,842)	\$1,328,055
Nov (est)	6,513,293	\$0.4498	\$2,929,679	(\$0.0358)	(\$233,176)	\$2,696,503
12 Months	63,516,755		\$28,247,702		(\$2,305,334)	\$25,942,368

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)
Balance	-Nov 30, 2024				
Dec (est)	\$2,232,000	\$37,628	\$2,194,372	0.99975996	\$2,193,845
Jan '25 (est)	\$2,232,000	\$42,599	\$2,189,401	0.99949618	\$2,188,298
Feb (est)	\$2,168,000	\$40,659	\$2,127,341	1.00000000	\$2,127,341
March (est)	\$2,232,000	\$40,853	\$2,191,147	0.99947111	\$2,189,988
April (est)	\$2,218,000	\$31,587	\$2,186,413	0.99925326	\$2,184,780
May (est)	\$2,243,000	\$27,623	\$2,215,377	0.99966442	\$2,214,634
June (est)	\$2,218,000	\$24,886	\$2,193,114	0.99991335	\$2,192,924
July (est)	\$2,243,000	\$24,645	\$2,218,355	0.99990309	\$2,218,140
Aug (est)	\$2,243,000	\$24,296	\$2,218,704	0.99996921	\$2,218,636
Sept (est)	\$2,218,000	\$23,205	\$2,194,795	0.99986070	\$2,194,489
Oct (est)	\$2,243,000	\$26,322	\$2,216,678	0.99980228	\$2,216,240
Nov (est)	\$2,301,000	\$31,082	\$2,269,918	0.99968647	\$2,269,206
12 Months	\$26,791,000	\$375,385	\$26,415,615		\$26,408,521

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)
Dec bef 12/1 (est)	5,379,003	\$0.4498	\$2,419,476
Dec aft 12/1 (est)	5,104,340	\$0.3874	\$1,977,421
Jan '25 bef 12/1 (est)	-	\$0.4498	\$0
Jan '25 aft 12/1 (est)	13,017,998	\$0.3874	\$5,043,173
Feb (est)	11,165,429	\$0.3874	\$4,325,487
March (est)	9,180,357	\$0.3874	\$3,556,470
April (est)	5,012,713	\$0.3874	\$1,941,925
May (est)	2,752,522	\$0.3874	\$1,066,327
June (est)	1,823,243	\$0.3874	\$706,324
July (est)	1,630,199	\$0.3874	\$631,539
Aug (est)	1,591,425	\$0.3874	\$616,518
Sept (est)	1,701,174	\$0.3874	\$659,035
Oct (est)	3,241,308	\$0.3874	\$1,255,683
Nov (est)	6,568,277	\$0.3874	\$2,544,550
12 Months	68,167,987		\$26,743,928

Interest on Revenues to be Returned to Customers

Month	CC Portion of BSC Revenue	Recoverable Cost of Gas	Current Over/(Under) Collection for Interest
	(1)	(2)	(3) = (1) - (2)
Balance			
-Nov 30, 2024			
Dec bef 12/1 (est)			
Dec aft 12/1 (est)	\$4,396,897	\$2,193,845	\$2,203,052
Jan '25 bef 12/1 (est)			
Jan '25 aft 12/1 (est)	\$5,043,173	\$2,188,298	\$2,854,875
Feb (est)	\$4,325,487	\$2,127,341	\$2,198,146
March (est)	\$3,556,470	\$2,189,988	\$1,366,482
April (est)	\$1,941,925	\$2,184,780	(\$242,855)
May (est)	\$1,066,327	\$2,214,634	(\$1,148,307)
June (est)	\$706,324	\$2,192,924	(\$1,486,600)
July (est)	\$631,539	\$2,218,140	(\$1,586,601)
Aug (est)	\$616,518	\$2,218,636	(\$1,602,118)
Sept (est)	\$659,035	\$2,194,489	(\$1,535,454)
Oct (est)	\$1,255,683	\$2,216,240	(\$960,557)
Nov (est)	\$2,544,550	\$2,269,206	\$275,344
12 Months	\$26,743,928	\$26,408,521	\$335,407

Exhibit APD-5

PECO ENERGY COMPANY

GAS SERVICE TARIFF

COMPANY OFFICE LOCATION

2301 Market Street
Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 3.

Issued May 31, 2024

Effective December 1, 2024

ISSUED BY: D. Velazquez - President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19103

NOTICE.

LIST OF CHANGES MADE BY THIS SUPPLEMENT

SALES SERVICE COSTS (SSC) – 7th Revised Page No. 43

The Commodity Charges are decreased. The Gas Cost Adjustment is increased.

SALES SERVICE COSTS (SSC) – 4th Revised Page No. 44

The Off-System Sales Sharing Mechanism is extended through November 30, 2027.

MERCHANT FUNCTION CHARGE AND PRICE TO COMPARE – 7th Revised Page No. 47 and 7th Revised Page No. 48

The Merchant Function Charges are decreased and the Prices to Compare are increased.

BALANCING SERVICE COSTS (BSC) – 7th Revised Page No. 49

The Balancing Service Cost is decreased.

GAS TRANSPORTATION SERVICE - GENERAL TERMS AND CONDITIONS – 4th Revised Page No. 71

The Balancing Charge is decreased.

TABLE OF CONTENTS

Index of Communities Served.....	3
How to Use Loose-Leaf Tariff.....	4
Definition of Terms and Explanation of Abbreviations.....	5, 6, 7 ²
RULES AND REGULATIONS:	
1. The Gas Service Tariff.....	8
2. Service Specifications.....	9
3. Customer's Installation.....	10
4. Application for Service.....	11
5. Credit.....	12
6. Service-Supply Facilities.....	13
7. Extensions.....	13
8. Rights-of-Way.....	15
9. Introduction of Service.....	15
10. Company Equipment.....	16
11. Tariff Options on Applications for Service.....	17
12. Service Continuity.....	18
13. Customer's Use of Service.....	22
14. Measurement.....	22
15. Tests.....	24
16. Payment Terms.....	25
17. Termination by the Company.....	27
18. Unfulfilled Contracts.....	27
19. Cancellation by Customer.....	28
20. General.....	28
21. Gas Choice Program Enrollment and/or Switching.....	29
22. Usage Data.....	29
23. Affiliated Marketer Standards of Conduct.....	30
24. Requests for Energy Efficiency Information.....	33
25. Creditworthiness of Natural Gas Supplier (NGS) Serving High Volume Transportation Customers.....	33
26. Gas Quality Standards.....	36, 37, 38, 39
STATE TAX ADJUSTMENT CLAUSE.....	40 ²
TAX CUTS AND JOBS ACT (TCJA) VOLUNTARY SURCHARGE.....	41 ¹
UNIVERSAL SERVICE COST RECOVERY MECHANISM.....	42 ¹
SALES SERVICE COSTS - ("SSC") Section 1307(f).....	43 ⁷ , 44 ⁴ , 45
GAS PROCUREMENT CHARGE.....	46
MERCHANT FUNCTION CHARGE.....	47 ⁷ , 48 ⁷
BALANCING SERVICE COSTS ("BSC").....	49 ⁷ , 50
CONSUMER EDUCATION CHARGE (CEC).....	51 ¹
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC).....	52 ³ , 53, 54, 55 ¹ , 56, 57
RATES:	
Rate GR General Service - Residential.....	58 ²
Rate GC General Service - Commercial and Industrial.....	59
Rate OL Outdoor Lighting.....	60
Rate L Large High Load Factor Service.....	61
Rate MV-F Motor Vehicle Service-Firm.....	63
Rate MV-I Motor Vehicle Service-Interruptible.....	64
Rate IS-Interruptible Service.....	66
Rate TCS-Temperature Controlled Service.....	68
Gas Transportation Service - General Terms and Conditions.....	70 ² , 71 ⁴ , 72, 73, 74
Rate TS-I Gas Transportation Service - Interruptible.....	75
Rate TS-F Gas Transportation Service-Firm.....	76
Rate NGS – Negotiated Gas Service.....	77
RIDERS:	
Applicability Index of Riders.....	79
Casualty Rider.....	80
Construction Rider.....	80
Neighborhood Gas Pilot Rider.....	81
Receivership Rider.....	83
Temporary Service Rider.....	83
Customer Assistance Program (CAP) Rider.....	84 ¹

SALES SERVICE COSTS (SSC) - Section 1307(f)

PROVISIONS FOR RECOVERY OF GAS COSTS RELATED TO SALES SERVICE

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall include the Commodity Charge (CC) at **\$4.3386** per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, **\$4.3261** per Mcf for Rate Schedules GC and **\$4.3222** (D) per Mcf for Rate Schedules OL, L and MV-F for recovery of gas costs related to Sales Service, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code as well as procurement costs as reflected in the Gas Procurement Charge ("GPC") and uncollectable charge-offs as reflected in the Merchant Function Charge ("MFC"). In addition, the Gas Cost Adjustment Charge (GCA) in the amount of **0.1493** per Mcf will be applicable to customers served under the above mentioned Rate Schedules. Such rates (I) for Sales Service gas shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of gas costs related to Sales Service.

COMPUTATION OF CC AND GCA PER MCF.

The CC and GCA, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formulas set forth below:

$$CC = \frac{(C)}{(S)} \times \frac{1}{(1-T)} + GPC + MFC \quad ; \text{ and}$$

$$GCA = \frac{(E)}{(S)} \times \frac{1}{(1-T)}$$

For March 1, June 1 and September 1 quarterly updates, CC is revised to:

$$CC = (CC1 + \frac{O + C1}{S1 \ S2}) \times \frac{1}{(1-T)} + GPC + MFC$$

The CC and GCA so computed, shall be applicable to Customers receiving Sales Service pursuant to the rate schedules identified above. The CC and GCA, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Charges, per Mcf, pursuant to the formulas above, the following definitions shall apply:

"CC" - Purchased Gas Costs determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of-Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: (a) for all types of purchased gas, project the commodity and all non-storage interstate pipeline costs for each purchase (adjusted for net current gas stored) for the projected period when rates will be in effect; plus (b) the cost of gas provided from storage and LNG facilities, less (c) the new monthly cash-out result determined pursuant to Rule 10.11.3, or the successor thereto, of the Gas Choice Supplier Coordination Tariff .

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" – defined as the Commodity Charge rate effective December 1 of the current PGC period.

"O" – defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by Commodity Charge revenues less associated gas costs, from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

GCA - the "E" factor component of the CC, representing the net overcollection or undercollection of Purchased Gas Costs. Applicable to Sales Service and determined to the nearest one-hundredth cent (0.01¢) for service provided under Rate Schedules GR, GC, CAP, OL, L, and MV-F of this Tariff.

"E" - the net (overcollection) or undercollection of Purchased Gas Costs applicable to the CC.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Supplier refunds received after July 1, 2001 associated with Commodity Charges will be included in the calculation of "E" with interest added at the annual rate of six percent (6%) beginning with the month such refund is received by the Company.

(D) Denotes Decrease
 (I) Denotes Increase

PECO Energy Company

"GPC" – Gas Procurement Charge determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

"MFC" – Merchant Function Charge determined to the nearest one hundredth cent (0.01¢) to be charged for each Mcf of Sales Services gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous 1307(f) GCA.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle

"S" projected Mcf of gas to be billed to Customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L & and MV-F during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F.

"S2" – defined as mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F and for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"Purchased Gas Costs" - Include the direct costs paid by the Company for the purchase and delivery of natural gas (which also includes liquefied natural gas, synthetic natural gas, and natural gas substitutes, excluding propane, the cost of which is included in the Balancing Service Costs) to its system to supply its Customers (plus such portion of the Company's used and unaccounted for gas as the Commission permits), including costs paid under agreements to purchase natural gas from sellers; costs paid for transporting natural gas to its system; all charges, fees, taxes and rates paid in connection with such purchases, pipeline gathering, and transportation; and costs paid for employing futures, options and other risk management tools.

QUARTERLY UPDATES

The Company's rates for recovery of gas costs related to Sales Service are also subject to quarterly adjustments under procedures set forth in Section 1307 (f) of the Public Utility Code and in the Commission's regulations. Such updates shall reflect, adjustments for under or overcollections and, adjustments to the projected cost of gas related to Sales Service based upon more current versions of the same sources of data and using the same methods to project the gas costs related to Sales Service approved by the Commission in the Company's most recent annual proceeding for recovery of gas costs related to Sales Service under section 1307 (f).

OFF-SYSTEM SALES SHARING MECHANISM

The rate for Sales Service gas as determined above shall be adjusted to reflect the operation of the off-system sales sharing mechanism set forth herein. Revenues received by PECO Energy from third party storage management services and revenues from exchanges or swaps of gas, excluding the Customer's share of such revenue attributable to use or management of storage or related storage transportation capacity by customers not connected to the Company's system (which revenue shall be included in the Balancing Service Costs E factor, shall be included as off-system sales revenues). Effective April 1, 2001 through March 30, 2008 PECO Energy will be permitted to retain 25% of off system sales margin revenues up to the first \$3.5 million in margin revenues, and PECO Energy will be permitted to retain 30% of off system sales margin revenues for margin revenues over \$3.5 million. Subsequently, effective March 31, 2008 through November 30, 2027 and thereafter, until terminated or otherwise revised by Final Order of the Commission, PECO Energy will be permitted to retain 25% of off-system sales margin revenues. PECO Energy's share shall be computed on a pre-income tax basis, "below the line" for ratemaking purposes. The remaining off-system sales margin will be credited to the recovery of purchased gas costs. Margin revenues derived from sales of gas which is taken from system supply are defined as the unit revenue less the monthly weighted average commodity cost of gas, less any applicable taxes other than income taxes. Margin revenues derived from specific purchase sales (sales where a specific gas supply has been purchased to make a sale) shall be defined as the unit revenue less the specific purchase commodity cost of gas, less any applicable taxes other than income taxes. Specific purchase sales will have no impact on the cost of system supply. Off-system sales for operational purposes such as for meeting mandatory storage withdrawals are excluded from the mechanism. The calculations under this mechanism shall be subject to audit and to review in annual 1307(f) proceedings. (C)

(C) Denotes Change

MERCHANT FUNCTION CHARGE

PROVISIONS FOR RECOVERY OF MERCHANT FUNCTION CHARGES

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP GC, OL, L and MV-F shall include the Merchant Function Charge ("MFC") at **\$0.0181** per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, at **\$0.0056** per Mcf for Rate Schedule GC and at **\$0.0017** per Mcf for Rate Schedules OL, L and MV-F for recovery of gas uncollectible charge-offs related to Sales Service, calculated in the manner set forth below and pursuant to the Final Order at Docket No. P-2012-2328614 and at Docket No. R-2022-3031113. The MFC will be included in the Company's Commodity Charge ("CC") and the Price to Compare ("PTC") and shall be updated quarterly in conjunction with the calculation of the CC. (D) (D)

COMPUTATION OF MERCHANT FUNCTION CHARGE

The MFC shall include uncollectible charge-offs incurred by the Company on behalf of its Sales Service customers and calculated for Rate Schedules GR, CAP, GC, OL, L and MV-F. The MFC shall be computed as follows:

$$\text{MFC} = \text{Write-Off Factor} \times \text{CCMFC} \times 1 / (1 - T)$$

"Write-Off Factor" - the write-off factors for Rate Schedules GR and CAP (**0.42%**), Rate Schedule GC (**0.13%**) and Rate Schedules OL, L and MV-F (**0.04%**) as determined at Docket No R-2022-3031113, the Company's 2022 gas base rate case. The write-off factors shall be updated as part of future base rate cases.

"CCMFC" – the applicable quarterly CC including the GPC and excluding the MFC.

"T" – the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

The calculation of the MFC shall be updated in conjunction with changes in the CC including the GPC and excluding the MFC and updates in the write-off factors. The MFC shall not be subject to reconciliation for any prior period over or under collections.

PRICE TO COMPARE

The Price to Compare ("PTC") is comprised of the Commodity Charge ("CC"), the Gas Cost Adjustment ("GCA"), the Gas Procurement Charge ("GPC") and the Merchant Function Charge ("MFC"). The Commodity Charge includes the Gas Procurement Charge and the Merchant Function Charge. The PTC will change whenever any components of the PTC change. The current PTC's are detailed below:

<u>COMPONENT</u>	<u>RATES GR and CAP</u>	
Commodity Charge excluding GPC and MFC	\$4.2819 per Mcf	(D)
Gas Cost Adjustment	\$0.1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	<u>\$0.0181</u> per Mcf	(D)
Price to Compare	\$4.4879 per Mcf	(I)

<u>COMPONENT</u>	<u>RATES GC</u>	
Commodity Charge excluding GPC and MFC	\$4.2819 per Mcf	(D)
Gas Cost Adjustment	\$0.1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	<u>\$0.0056</u> per Mcf	(D)
Price to Compare	\$4.4754 per Mcf	(I)

(D) Denotes Decrease

(I) Denotes crease

PECO Energy Company

<u>COMPONENT</u>	<u>RATES OL, L and MV-F</u>	
Commodity Charge excluding GPC and MFC	\$4.2819 per Mcf	(D)
Gas Cost Adjustment	\$0.1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	<u>\$0.0017</u> per Mcf	(D)
Price to Compare	\$4.4715 per Mcf	(I)

(D) Denotes Decrease

(I) Denotes Increase

BALANCING SERVICE COSTS (BSC)- Section 1307(f)

PROVISIONS FOR RECOVERY OF BALANCING SERVICE COSTS.

Rates for Balancing Service for all gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall be charged at **\$0.3248** per Mcf (1,000 cubic feet) for recovery of those costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. Such rates for Balancing Service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of Balancing Service Costs. (D)

COMPUTATION OF BALANCING SERVICE COSTS PER MCF

Balancing Service Costs, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formula set forth below:

$$BSC = \frac{(C - E)}{(S)} \times \frac{1}{(1 - T)}$$

For March 1, June 1 and September 1 quarterly updates, the BSC is revised to:

$$BSC = \frac{(CC1 + \frac{O}{S1} + \frac{C1}{S2} - E)}{S1} \times \frac{1}{(1 - T)}$$

Projected Balancing Service Costs, so computed, shall be charged to Customers for all gas delivered pursuant to the rate schedules identified above. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Balancing Service Costs, per Mcf, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (0.01¢) to be charged to each Mcf of gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: for all types of storage and related services, project the cost for the projected period when rates will be in effect.

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" - defined as the rate associated with "C" effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by storage and related services revenues less associated storage and related services costs from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

"E" - the net overcollection or undercollection of Balancing Service Costs.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle.

As otherwise described in the Sales Service Costs section "Off-System Sales Sharing Mechanisms", the portion of margin revenue attributable to certain balancing assets shall be included in the calculation of "E".

Supplier refunds received prior to July 1, 2001 will be included in the calculation of "E" with interest added at the annual rate of six per cent (6%) beginning with the month such refund is received by the Company.

"S" - projected Mcf of gas to be delivered to Customers during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve months of mcf of gas to be delivered to customers.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"S2" - defined as mcf sales delivered to customers for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

Balancing Service Costs - fixed and variable storage costs and the cost of propane to be charged to all customers served under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

QUARTERLY UPDATES

The Company's rates for recovery of Balancing Service Costs are also subject to quarterly adjustments under procedures set forth in the Commission's regulations at 52.Pa. Code 53.64 (1) (5). Such updates shall reflect adjustments for under or over collections and adjustments to the projected cost of Balancing Services based upon more current versions of the same sources of data and using the same methods to project the Balancing Service Costs approved by the Commission in the Company's most annual proceeding for recovery of Balancing Service Costs under section 1307 (f) of the Public Utility Code.

(D) Denotes Decrease

GAS TRANSPORTATION SERVICE GENERAL TERMS AND CONDITIONS – Continued

(Applicable to: Rate TS-I Gas Transportation Service Interruptible and Rate TS F Gas Transportation Service Firm.)

1.6 BUYER GROUP/LEAD CUSTOMER. A Buyer Group generally consists of up to ten individual Customers who voluntarily join together to obtain either firm or interruptible transportation service. The Company, at its discretion, may require all members of the Buyer Group to execute the same Transportation Service Agreement and make the same elections as to Standby Sales Service. One member of the Buyer Group may be designated by the Company as the Lead Customer who shall be responsible for the timely payment of all bills rendered to the Buyer Group, as well as all day to day dispatch scheduling coordination and administrative communication between the Company and all members of the Buyer Group. A member of one Buyer Group may not be a member of another Buyer Group. Eleven or more individual Customers may form a Buyer Group only upon specific agreement by the Company. Unless otherwise described, the term "Customer" as used throughout these general terms and conditions shall refer to an individual Customer or to a Buyer Group. The Company, at its discretion, may set the maximum Commodity Charge for a Buyer Group at the maximum which any member would be individually required to pay.

1.7 MINIMUM SIZE. The minimum total gas consumption capability required to be eligible for transportation service shall be less than or equal to 5,000 Mcf per year. This minimum shall apply to an individual Customer or to a Buyer Group which, in the aggregate, uses less than or equal to 5,000 Mcf of gas annually.

2. BALANCING PROVISIONS

2.1 GENERAL. Transportation balancing is provided to adjust for the unavoidable minor variations between Customer usage and scheduled deliveries, and is not intended to function as a storage service or a standby sales service. Each Customer shall use best efforts to balance deliveries and usage at all times.

2.2 INTERRUPTED RECEIPTS. On days when no transportation gas is received for the Customer's account, all gas used by the Customer shall be billed as a purchase from the Company. For Customers which have elected Standby Sales Service, the usage shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the usage shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf. Excess deliveries already being held for the Customer at the time of interruption will be tendered for delivery when transportation receipts resume. If the interruption of receipts continues for more than thirty days, the Company will tender excess deliveries as soon as practicable subject to operating and gas procurement considerations.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, non-NY

North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

2.3 BALANCING CHARGE. A **\$0.0225** per Mcf balancing charge shall be imposed on all transportation deliveries in a billing month. The Balancing Charge shall be reviewed and adjusted annually, as necessary, effective December 1 subject to approval of the new charge in the Company's annual purchased gas cost filing under 66 Pa. C.S. § 1307(f) (C)

2.4 ALLOWABLE DAILY VARIATION. In order to minimize the effect of transportation imbalances on the operation of the system, the allowable daily variation between delivered quantities and Customer usage is ten percent of the TCQ.

If a Customer exceeds these limits, the Company shall: (a) in the case of excess deliveries, impose a \$0.25 per Mcf penalty charge on that portion of daily excess deliveries greater than the allowable daily variation and have the right to limit the receipt of Gas Transportation if a customer has excess deliveries greater than the allowable daily variation (b) in the case of deficient deliveries, have the right to bill such deficiency as a purchase from the Company. For Customers which have elected Standby Sales Service, the deficiency shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the deficiency shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC, and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, Non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

(C) Denotes Change

PECO ENERGY COMPANY

GAS SERVICE TARIFF

COMPANY OFFICE LOCATION

2301 Market Street
Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 3.

Issued May 31, 2024

Effective December 1, 2024

Deleted: March 20

ISSUED BY: D. Velazquez - President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19103

NOTICE.

Supplement No. ~~15~~ to
Gas-Pa. P.U.C. No. 5
~~Fourteenth~~ Revised Page No. 1
Supersedes ~~Thirteenth~~ Revised Page No. 1

PECO Energy Company

Deleted: 4

Deleted: Thirteenth

Deleted: Twelfth

LIST OF CHANGES MADE BY THIS SUPPLEMENT

SALES SERVICE COSTS (SSC) – 7th Revised Page No. 43

The Commodity Charges are decreased. The Gas Cost Adjustment is increased.

SALES SERVICE COSTS (SSC) – 4th Revised Page No. 44

The Off-System Sales Sharing Mechanism is extended through November 30, 2027.

MERCHANT FUNCTION CHARGE AND PRICE TO COMPARE – 7th Revised Page No. 47 and 7th Revised Page No. 48

The Merchant Function Charges are decreased and the Prices to Compare are increased.

BALANCING SERVICE COSTS (BSC) – 7th Revised Page No. 49

The Balancing Service Cost is decreased.

GAS TRANSPORTATION SERVICE - GENERAL TERMS AND CONDITIONS – 4th Revised Page No. 71

The Balancing Charge is decreased.

Deleted: **DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) – 3rd revised Page No. 52**
Revised DSIC rate from 0.00% to 0.07%.

Deleted: ¶
¶
¶
¶
¶
¶

Deleted: ¶
¶
¶
¶

Issued May 31, 2024

Effective December 1, 2024

Deleted: ¶

Deleted: March 20

Deleted: April

Deleted: 4

Deleted: Thirteenth

Deleted: Twelfth

TABLE OF CONTENTS

Index of Communities Served.....3
How to Use Loose-Leaf Tariff.....4
Definition of Terms and Explanation of Abbreviations..... 5, 6, 7²
RULES AND REGULATIONS:
1. The Gas Service Tariff8
2. Service Specifications.....9
3. Customer's Installation.....10
4. Application for Service11
5. Credit.....12
6. Service-Supply Facilities.....13
7. Extensions.....13
8. Rights-of-Way15
9. Introduction of Service15
10. Company Equipment.....16
11. Tariff Options on Applications for Service17
12. Service Continuity.....18
13. Customer's Use of Service22
14. Measurement22
15. Tests.....24
16. Payment Terms.....25
17. Termination by the Company27
18. Unfulfilled Contracts27
19. Cancellation by Customer.....28
20. General.....28
21. Gas Choice Program Enrollment and/or Switching.....29
22. Usage Data29
23. Affiliated Marketer Standards of Conduct.....30
24. Requests for Energy Efficiency Information33
25. Creditworthiness of Natural Gas Supplier (NGS) Serving High Volume Transportation Customers.....33
26. Gas Quality Standards.....36, 37, 38, 39
STATE TAX ADJUSTMENT CLAUSE40²
TAX CUTS AND JOBS ACT (TCJA) VOLUNTARY SURCHARGE41¹
UNIVERSAL SERVICE COST RECOVERY MECHANISM42¹
SALES SERVICE COSTS - ("SSC") Section 1307(f)43, 44⁴, 45
GAS PROCUREMENT CHARGE46
MERCHANT FUNCTION CHARGE47, 48¹
BALANCING SERVICE COSTS ("BSC")49¹, 50
CONSUMER EDUCATION CHARGE (CEC)51¹
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC).....52³, 53, 54, 55¹, 56, 57
RATES:
Rate GR General Service - Residential58²
Rate GC General Service - Commercial and Industrial.....59
Rate OL Outdoor Lighting.....60
Rate L Large High Load Factor Service.....61
Rate MV-F Motor Vehicle Service-Firm63
Rate MV-I Motor Vehicle Service-Interruptible.....64
Rate IS-Interruptible Service.....66
Rate TCS-Temperature Controlled Service.....68
Gas Transportation Service - General Terms and Conditions70², 71⁴, 72, 73, 74
Rate TS-I Gas Transportation Service - Interruptible75
Rate TS-F Gas Transportation Service-Firm76
Rate NGS - Negotiated Gas Service77
RIDERS:
Applicability Index of Riders79
Casualty Rider80
Construction Rider80
Neighborhood Gas Pilot Rider.....81
Receivership Rider.....83
Temporary Service Rider83
Customer Assistance Program (CAP) Rider.....84¹

Deleted: 6

Deleted: 44³

Deleted: 47⁵

Deleted: 48⁶

Deleted: 49⁶

Deleted: 71³

Deleted: March 20

Deleted: April

SALES SERVICE COSTS (SSC) - Section 1307(f)

PROVISIONS FOR RECOVERY OF GAS COSTS RELATED TO SALES SERVICE

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall include the Commodity Charge (CC) at ~~\$4.3386~~ per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, ~~\$4.3261~~ per Mcf for Rate Schedules GC and ~~\$4.3222~~ (D) per Mcf for Rate Schedules OL, L and MV-F for recovery of gas costs related to Sales Service, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code as well as procurement costs as reflected in the Gas Procurement Charge ("GPC") and uncollectable charge-offs as reflected in the Merchant Function Charge ("MFC"). In addition, the Gas Cost Adjustment Charge (GCA) in the amount of ~~0.1493~~ per Mcf will be applicable to customers served under the above mentioned Rate Schedules. Such rates (I) for Sales Service gas shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of gas costs related to Sales Service.

COMPUTATION OF CC AND GCA PER MCF.
The CC and GCA, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formulas set forth below:

$$CC = \frac{(C)}{(S)} \times \frac{1}{(1-T)} + GPC + MFC \quad ; \text{ and}$$

$$GCA = \frac{(E)}{(S)} \times \frac{1}{(1-T)}$$

For March 1, June 1 and September 1 quarterly updates, CC is revised to:

$$CC = (CC1 + \frac{O + C1}{S1 S2} \times \frac{1}{(1-T)}) + GPC + MFC$$

The CC and GCA so computed, shall be applicable to Customers receiving Sales Service pursuant to the rate schedules identified above. The CC and GCA, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Charges, per Mcf, pursuant to the formulas above, the following definitions shall apply:

"CC" - Purchased Gas Costs determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: (a) for all types of purchased gas, project the commodity and all non-storage interstate pipeline costs for each purchase (adjusted for net current gas stored) for the projected period when rates will be in effect; plus (b) the cost of gas provided from storage and LNG facilities, less (c) the new monthly cash-out result determined pursuant to Rule 10.11.3, or the successor thereto, of the Gas Choice Supplier Coordination Tariff .

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" - defined as the Commodity Charge rate effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by Commodity Charge revenues less associated gas costs, from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

GCA - the "E" factor component of the CC, representing the net overcollection or undercollection of Purchased Gas Costs.

Applicable to Sales Service and determined to the nearest one-hundredth cent (0.01¢) for service provided under Rate Schedules GR, GC, CAP, OL, L, and MV-F of this Tariff.

"E" - the net (overcollection) or undercollection of Purchased Gas Costs applicable to the CC.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Supplier refunds received after July 1, 2001 associated with Commodity Charges will be included in the calculation of "E" with interest added at the annual rate of six percent (6%) beginning with the month such refund is received by the Company.

(D) Denotes Decrease

(I) Denotes Increase

Deleted: 3

Deleted: Sixth

Deleted: Fifth

Deleted: 4.4203

Deleted: 4.4075

Deleted: 4.4036

Deleted: I

Deleted: a credit of \$0.0468

Deleted: February 28

Deleted: March

Deleted: 0

Deleted: Third

Deleted: Second

PECO Energy Company

"GPC" – Gas Procurement Charge determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

"MFC" – Merchant Function Charge determined to the nearest one hundredth cent (0.01¢) to be charged for each Mcf of Sales Services gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous 1307(f) GCA.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle

"S" projected Mcf of gas to be billed to Customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L & MV-F during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F.

"S2" – defined as mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F and for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"Purchased Gas Costs" - Include the direct costs paid by the Company for the purchase and delivery of natural gas (which also includes liquefied natural gas, synthetic natural gas, and natural gas substitutes, excluding propane, the cost of which is included in the Balancing Service Costs) to its system to supply its Customers (plus such portion of the Company's used and unaccounted for gas as the Commission permits), including costs paid under agreements to purchase natural gas from sellers; costs paid for transporting natural gas to its system; all charges, fees, taxes and rates paid in connection with such purchases, pipeline gathering, and transportation; and costs paid for employing futures, options and other risk management tools.

QUARTERLY UPDATES

The Company's rates for recovery of gas costs related to Sales Service are also subject to quarterly adjustments under procedures set forth in Section 1307 (f) of the Public Utility Code and in the Commission's regulations. Such updates shall reflect, adjustments for under or overcollections and, adjustments to the projected cost of gas related to Sales Service based upon more current versions of the same sources of data and using the same methods to project the gas costs related to Sales Service approved by the Commission in the Company's most recent annual proceeding for recovery of gas costs related to Sales Service under section 1307 (f).

OFF-SYSTEM SALES SHARING MECHANISM

The rate for Sales Service gas as determined above shall be adjusted to reflect the operation of the off-system sales sharing mechanism set forth herein. Revenues received by PECO Energy from third party storage management services and revenues from exchanges or swaps of gas, excluding the Customer's share of such revenue attributable to use or management of storage or related storage transportation capacity by customers not connected to the Company's system (which revenue shall be included in the Balancing Service Costs E factor, shall be included as off-system sales revenues). Effective April 1, 2001 through March 30, 2008 PECO Energy will be permitted to retain 25% of off system sales margin revenues up to the first \$3.5 million in margin revenues, and PECO Energy will be permitted to retain 30% of off system sales margin revenues for margin revenues over \$3.5 million. Subsequently, effective March 31, 2008 through November 30, 2024, and thereafter, until terminated or otherwise revised by Final Order of the Commission, PECO Energy will be permitted to retain 25% of off-system sales margin revenues. PECO Energy's share shall be computed on a pre-income tax basis, "below the line" for ratemaking purposes. The remaining off-system sales margin will be credited to the recovery of purchased gas costs. Margin revenues derived from sales of gas which is taken from system supply are defined as the unit revenue less the monthly weighted average commodity cost of gas, less any applicable taxes other than income taxes. Margin revenues derived from specific purchase sales (sales where a specific gas supply has been purchased to make a sale) shall be defined as the unit revenue less the specific purchase commodity cost of gas, less any applicable taxes other than income taxes. Specific purchase sales will have no impact on the cost of system supply. Off-system sales for operational purposes such as for meeting mandatory storage withdrawals are excluded from the mechanism. The calculations under this mechanism shall be subject to audit and to review in annual 1307(f) proceedings.

(C)

Deleted: 6

(C) Denotes Change

Deleted: November 28

Deleted: 3

Deleted: 3

PECO Energy Company

MERCHANT FUNCTION CHARGE

PROVISIONS FOR RECOVERY OF MERCHANT FUNCTION CHARGES

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F shall include the Merchant Function Charge ("MFC") at ~~\$0.0181~~ per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, at ~~\$0.0056~~ per Mcf for Rate Schedule GC and at ~~\$0.0017~~ per Mcf for Rate Schedules OL, L and MV-F for recovery of gas uncollectible charge-offs related to Sales Service, calculated in the manner set forth below and pursuant to the Final Order at Docket No. P-2012-2328614 and at Docket No. R-2022-3031113. The MFC will be included in the Company's Commodity Charge ("CC") and the Price to Compare ("PTC") and shall be updated quarterly in conjunction with the calculation of the CC.

COMPUTATION OF MERCHANT FUNCTION CHARGE

The MFC shall include uncollectible charge-offs incurred by the Company on behalf of its Sales Service customers and calculated for Rate Schedules GR, CAP, GC, OL, L and MV-F. The MFC shall be computed as follows:

$$MFC = \text{Write-Off Factor} \times \text{CCEMFC} \times 1 / (1 - T)$$

"Write-Off Factor" - the write-off factors for Rate Schedules GR and CAP (0.42%), Rate Schedule GC (0.13%) and Rate Schedules OL, L and MV-F (0.04%) as determined at Docket No R-2022-3031113, the Company's 2022 gas base rate case. The write-off factors shall be updated as part of future base rate cases.

"CCEMFC" - the applicable quarterly CC including the GPC and excluding the MFC.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

The calculation of the MFC shall be updated in conjunction with changes in the CC including the GPC and excluding the MFC and updates in the write-off factors. The MFC shall not be subject to reconciliation for any prior period over or under collections.

PRICE TO COMPARE

The Price to Compare ("PTC") is comprised of the Commodity Charge ("CC"), the Gas Cost Adjustment ("GCA"), the Gas Procurement Charge ("GPC") and the Merchant Function Charge ("MFC"). The Commodity Charge includes the Gas Procurement Charge and the Merchant Function Charge. The PTC will change whenever any components of the PTC change. The current PTC's are detailed below:

COMPONENT RATES GR and CAP

Commodity Charge excluding GPC and MFC	\$4.2819 per Mcf	(D)
Gas Cost Adjustment	\$0.1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	\$0.0181 per Mcf	(D)
Price to Compare	\$4.4879 per Mcf	(I)

COMPONENT RATES GC

Commodity Charge excluding GPC and MFC	\$4.2819 per Mcf	(D)
Gas Cost Adjustment	\$0.1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	\$0.0056 per Mcf	(D)
Price to Compare	\$4.4754 per Mcf	(I)

(D) Denotes Decrease

(I) Denotes Increase

Issued May 31, 2024

Effective December 1, 2024

Deleted: 3

Deleted: Sixth

Deleted: Fifth

Deleted: 5

Deleted: 7

Deleted: 1

Deleted: 8

Deleted: 1

Deleted: 3632

Deleted: 1

Deleted: (

Deleted: 0.0468)

Deleted: 5

Deleted: 1

Deleted: 3735

Deleted: 3632

Deleted: 1

Deleted: (

Deleted: 0468)

Deleted: 7

Deleted: 1

Deleted: 3607

Deleted: 1

Deleted: 1n

Deleted: February 28

Deleted: March

Supplement No. ~~15~~ to
 Gas-Pa. P.U.C. No. 5
~~Seventh~~ Revised Page No. 48
 Supersedes ~~Sixth~~ Revised Page No. 48

PECO Energy Company

COMPONENT

RATES OL, L and MV-F

Commodity Charge excluding GPC and MFC	\$4 2819 per Mcf	(D)
Gas Cost Adjustment	\$0 1493 per Mcf	(I)
Gas Procurement Charge	\$0.0386 per Mcf	
Merchant Function Charge	\$0 0017 per Mcf	(D)
Price to Compare	\$4 4715 per Mcf	(I)

Deleted: 3

Deleted: Sixth

Deleted: Fifth

Deleted: 3632

Deleted: I

Deleted: (

Deleted: 0468)

Deleted: 8

Deleted: I

Deleted: 3568

(D) Denotes Decrease

(I) Denotes Increase

Issued ~~May 31,~~ 2024

Effective ~~December 1,~~

Deleted: February 28

Deleted: March

Deleted: 3

Deleted: Sixth

Deleted: Fifth

PECO Energy Company

BALANCING SERVICE COSTS (BSC)- Section 1307(f)

PROVISIONS FOR RECOVERY OF BALANCING SERVICE COSTS.

Rates for Balancing Service for all gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall be charged at \$0.3248 per Mcf (1,000 cubic feet) for recovery of those costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. Such rates for Balancing Service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of Balancing Service Costs. (D)

Deleted: 3843

COMPUTATION OF BALANCING SERVICE COSTS PER MCF

Balancing Service Costs, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formula set forth below:

$$BSC = \frac{(C - E)}{(S)} \times \frac{1}{(1 - T)}$$

For March 1, June 1 and September 1 quarterly updates, the BSC is revised to:

$$BSC = \frac{(CC1 + \frac{O}{S1} + \frac{C1 - E}{S2}) \times \frac{1}{S1}}{(1 - T)}$$

Projected Balancing Service Costs, so computed, shall be charged to Customers for all gas delivered pursuant to the rate schedules identified above. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Balancing Service Costs, per Mcf, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (0.01¢) to be charged to each Mcf of gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: for all types of storage and related services, project the cost for the projected period when rates will be in effect.

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" - defined as the rate associated with "C" effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by storage and related services revenues less associated storage and related services costs from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

"E" - the net overcollection or undercollection of Balancing Service Costs.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest

rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle.

As otherwise described in the Sales Service Costs section "Off-System Sales Sharing Mechanisms", the portion of margin revenue attributable to certain balancing assets shall be included in the calculation of "E".

Supplier refunds received prior to July 1, 2001 will be included in the calculation of "E" with interest added at the annual rate of six per cent (6%) beginning with the month such refund is received by the Company.

"S" - projected Mcf of gas to be delivered to Customers during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve months of mcf of gas to be delivered to customers.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"S2" - defined as mcf sales delivered to customers for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

Balancing Service Costs - fixed and variable storage costs and the cost of propane to be charged to all customers served under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

QUARTERLY UPDATES

The Company's rates for recovery of Balancing Service Costs are also subject to quarterly adjustments under procedures set forth in the Commission's regulations at 52 Pa. Code 53.64 (1) (5). Such updates shall reflect adjustments for under or over collections and adjustments to the projected cost of Balancing Services based upon more current versions of the same sources of data and using the same methods to project the Balancing Service Costs approved by the Commission in the Company's most annual proceeding for recovery of Balancing Service Costs under section 1307 (f) of the Public Utility Code.

(D) Denotes Decrease

Deleted: February 28

Deleted: March

Deleted: 0

Deleted: Third

Deleted: Second

PECO Energy Company

Supersedes Third Revised Page No. 71

GAS TRANSPORTATION SERVICE GENERAL TERMS AND CONDITIONS – Continued

(Applicable to: Rate TS-I Gas Transportation Service Interruptible and Rate TS F Gas Transportation Service Firm.)

1.6 BUYER GROUP/LEAD CUSTOMER. A Buyer Group generally consists of up to ten individual Customers who voluntarily join together to obtain either firm or interruptible transportation service. The Company, at its discretion, may require all members of the Buyer Group to execute the same Transportation Service Agreement and make the same elections as to Standby Sales Service. One member of the Buyer Group may be designated by the Company as the Lead Customer who shall be responsible for the timely payment of all bills rendered to the Buyer Group, as well as all day to day dispatch scheduling coordination and administrative communication between the Company and all members of the Buyer Group. A member of one Buyer Group may not be a member of another Buyer Group. Eleven or more individual Customers may form a Buyer Group only upon specific agreement by the Company. Unless otherwise described, the term "Customer" as used throughout these general terms and conditions shall refer to an individual Customer or to a Buyer Group. The Company, at its discretion, may set the maximum Commodity Charge for a Buyer Group at the maximum which any member would be individually required to pay.

1.7 MINIMUM SIZE. The minimum total gas consumption capability required to be eligible for transportation service shall be less than or equal to 5,000 Mcf per year. This minimum shall apply to an individual Customer or to a Buyer Group which, in the aggregate, uses less than or equal to 5,000 Mcf of gas annually.

2. BALANCING PROVISIONS

2.1 GENERAL. Transportation balancing is provided to adjust for the unavoidable minor variations between Customer usage and scheduled deliveries, and is not intended to function as a storage service or a standby sales service. Each Customer shall use best efforts to balance deliveries and usage at all times.

2.2 INTERRUPTED RECEIPTS. On days when no transportation gas is received for the Customer's account, all gas used by the Customer shall be billed as a purchase from the Company. For Customers which have elected Standby Sales Service, the usage shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the usage shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf. Excess deliveries already being held for the Customer at the time of interruption will be tendered for delivery when transportation receipts resume. If the interruption of receipts continues for more than thirty days, the Company will tender excess deliveries as soon as practicable subject to operating and gas procurement considerations.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, non-NY

North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

2.3 BALANCING CHARGE. A **\$0.0225** per Mcf balancing charge shall be imposed on all transportation deliveries in a billing month. The Balancing Charge shall be reviewed and adjusted annually, as necessary, effective December 1 subject to approval of the new charge in the Company's annual purchased gas cost filing under 66 Pa. C.S. § 1307(f) (C)

Deleted: 0247

2.4 ALLOWABLE DAILY VARIATION. In order to minimize the effect of transportation imbalances on the operation of the system, the allowable daily variation between delivered quantities and Customer usage is ten percent of the TCQ.

If a Customer exceeds these limits, the Company shall: (a) in the case of excess deliveries, impose a \$0.25 per Mcf penalty charge on that portion of daily excess deliveries greater than the allowable daily variation and have the right to limit the receipt of Gas Transportation if a customer has excess deliveries greater than the allowable daily variation (b) in the case of deficient deliveries, have the right to bill such deficiency as a purchase from the Company. For Customers which have elected Standby Sales Service, the deficiency shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the deficiency shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC, and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, Non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

(C) Denotes Change

Issued **May 31, 2024**

Effective **December 1, 2024**

Deleted: November 28

Deleted: 3

Deleted: 3

COMMONWEALTH OF PENNSYLVANIA



PATRICK M. CICERO
Consumer Advocate

OFFICE OF CONSUMER ADVOCATE
555 Walnut Street, 5th Floor, Forum Place
Harrisburg, Pennsylvania 17101-1923
(717) 783-5048
(800) 684-6560

 @pa_oca
 /pennoca
FAX (717) 783-7152
consumer@paoca.org
www.oca.pa.gov

July 10, 2024

Via Electronic Mail

The Honorable F. Joseph Brady
Pennsylvania Public Utility Commission
Office of Administrative Law Judge
801 Market Street, Suite 4063
Philadelphia, PA 19107

Re: Pennsylvania Public Utility Commission
v.
PECO Energy Co. - Gas Division
Docket No. R-2024-3048767

Dear Judge Brady,

Enclosed please find a copy of the following statement being submitted as Direct Testimony on behalf of the Office of Consumer Advocate in the above-captioned proceeding.

OCA Statement 1: Direct Testimony of Jerome D. Mierzwa

Copies have been served as indicated on the enclosed Certificate of Service.

Sincerely,

/s/Emily A. Farren
Emily A. Farren
Assistant Consumer Advocate
PA Attorney I.D. # 322910
EFarren@paoca.org

Enclosures

cc: PUC Secretary Rosemary Chiavetta (Letter and Certificate of Service Only)
Ms. Pamela McNeal (Via Email Only)
Certificate of Service

CERTIFICATE OF SERVICE

Pennsylvania Public Utility Commission :
v. : Docket No. R-2024-3048767
PECO Energy Company - Gas Division :

I hereby certify that I have this day filed electronically on the Commission’s electronic filing system and served a true copy of the following document, the Office of Consumer Advocate’s Direct Testimony, upon parties of record in this proceeding in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant), in the manner and upon the persons listed below.

Dated this 10th day of July 2024.

SERVICE BY E-MAIL ONLY

Steven Gray, Esquire
Office of Small Business Advocate
555 Walnut Street
1st Floor, Forum Place
Harrisburg, PA 17101
sgray@pa.gov
OSBA

Michael A. Podskoch, Jr., Esquire
Pennsylvania Public Utility Commission
Bureau of Investigation & Enforcement
400 North Street, 2nd Floor West
Harrisburg, PA 17120
mpodskoch@pa.gov
Counsel for I&E

Charis Mincavage, Esquire
Adeolu A. Bakare, Esquire
Harrison Ryan Block
McNees Wallace & Nurick, LLC
100 Pine Street
Harrisburg, PA 17101
cmincavage@mcneeslaw.com
abakare@mcneeslaw.com
rblock@mcneeslaw.com
Counsel for PAIEUG

Adesola K. Adegbesan, Esquire
Jack R. Garfinkle, Esquire
PECO Energy Company
2301 Market Street, S23-1
Philadelphia, PA 19103
adesola.adegbesan@exeloncorp.com
jack.garfinkle@eceloncorp.com
Counsel for PECO

SERVICE BY E-MAIL ONLY(Continued)

Courtney L. Schultz, Esquire
Shane P. Simon, Esquire
Kruti B. Patel, Esquire
Saul Ewing LLP
1500 Market Street, 38th Floor
courtney.schultz@saul.com
shane.simon@saul.com
kruti.patel@saul.com
Counsel for PECO Energy Company

/s/Emily A. Farren
Emily A. Farren
Assistant Consumer Advocate
PA Attorney I.D. # 322910
EFarren@paoca.org

Melanie Joy El Atieh
Deputy Consumer Advocate
PA Attorney I.D. # 209323
MElAtieh@paoca.org

Counsel for:
Office of Consumer Advocate
555 Walnut Street
5th Floor, Forum Place
Harrisburg, PA 17101-1923

Date: July 10, 2024

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY :
COMMISSION :
 :
v. : DOCKET NO. R-2024-3048767
 :
PECO ENERGY COMPANY :

DIRECT TESTIMONY

OF

JEROME D. MIERZWA

ON BEHALF OF THE

PENNSYLVANIA OFFICE OF CONSUMER ADVOCATE

July 10, 2024

EXETER

ASSOCIATES, INC.

10480 Little Patuxent Parkway, Suite 300
Columbia, Maryland 21044

1 **I. INTRODUCTION**

2 Q. WOULD YOU PLEASE STATE YOUR NAME AND BUSINESS ADDRESS?

3 A. My name is Jerome D. Mierzwa. I am a Principal and President at Exeter Associates, Inc.
4 (“Exeter”). My business address is 10480 Little Patuxent Parkway, Suite 300, Columbia,
5 Maryland 21044. Exeter specializes in providing public utility-related consulting services.

6 Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
7 EXPERIENCE.

8 A. I graduated from Canisius College in Buffalo, New York in 1981 with a Bachelor of
9 Science Degree in Marketing.¹ In 1985, I received a Master’s Degree in Business
10 Administration with a concentration in finance, also from Canisius College. In July 1986,
11 I joined National Fuel Gas Distribution Corporation (“NFGD”) as a Management Trainee
12 in the Research and Statistical Services Department (“RSS”). I was promoted to
13 Supervisor RSS in January 1987. While employed with NFGD, I conducted various
14 financial and statistical analyses related to the company’s market research activity and state
15 regulatory affairs. In April 1987, as part of a corporate reorganization, I was transferred to
16 National Fuel Gas Supply Corporation’s (“NFG Supply”) rate department where my
17 responsibilities included utility cost of service and rate design analysis, expense and
18 revenue requirement forecasting, and activities related to federal regulation. I was also
19 responsible for preparing NFG Supply’s Federal Energy Regulatory Commission
20 (“FERC”) Purchased Gas Adjustment (“PGA”) filings and developing interstate pipeline
21 and spot market supply gas price projections. These forecasts were utilized for internal
22 planning purposes as well as in NFGD’s Section 1307(f) purchased gas cost proceedings.

23 In April 1990, I accepted a position as a Utility Analyst with Exeter. In December
24 1992, I was promoted to Senior Regulatory Analyst. Effective April 1, 1996, I became a

¹ Effective August 1, 2023, Canisius College became Canisius University.

1 principal of Exeter. Since joining Exeter, I have specialized in evaluating the gas
2 purchasing practices and policies of natural gas utilities, utility class cost of service and
3 rate design analysis, sales and rate forecasting, performance-based incentive regulation,
4 revenue requirement analysis, the unbundling of utility services, and the evaluation of
5 customer choice natural gas transportation programs.

6 Q. HAVE YOU PREVIOUSLY TESTIFIED IN REGULATORY PROCEEDINGS
7 ON UTILITY RATES?

8 A. Yes. I have provided testimony on more than 450 occasions in proceedings before the
9 FERC, and state utility regulatory commissions in Arkansas, Connecticut, Delaware,
10 Georgia, Illinois, Indiana, Louisiana, Maine, Massachusetts, Montana, Nevada, New
11 Hampshire, New Jersey, Ohio, Rhode Island, South Carolina, Texas, Utah, and Virginia,
12 as well as before the Pennsylvania Public Utility Commission (“Commission”).

13 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

14 A. Exeter has been retained by the Pennsylvania Office of Consumer Advocate (“OCA”) to
15 review and evaluate the 2024 Section 1307(f) Purchased Gas Cost (“PGC”) filing of the
16 PECO Energy Company (“PECO” or “Company”). My testimony presents the results of
17 my review and evaluation.

18 Q. WHAT IS YOUR EXPERIENCE WITH RESPECT TO PARTICIPATION IN
19 THE 1307(F) PROCEEDINGS OF PENNSYLVANIA NGDCs?

20 A. I have assisted, or am currently assisting, the OCA in the Section 1307(f) proceedings of
21 the following Natural Gas Distribution Companies (“NGDCs”), or their predecessor(s), as
22 indicated in Table 1.

**Table 1.
Pennsylvania NGDC
1307(f) Proceedings**

Company	Years
Columbia Gas of Pennsylvania	2019-2024
National Fuel Gas Distribution	1991-1994, 1996-2024
PECO Energy Company	2000, 2012, 2019-2024
Peoples Gas (Peoples TWP)	2002-2012, 2016-2022
Peoples Natural Gas Company – Peoples Division	1991-1996, 1999, 2001-2008, 2011-2024
Peoples Natural Gas Company – Equitable Division	1997-2012, 2014-2022
Philadelphia Gas Works	2012-2013, 2015-2024
UGI Utilities, Inc.	1991-2024

1 Q. PLEASE SUMMARIZE YOUR CONCLUSIONS AND
2 RECOMMENDATIONS.

3 A. PECO’s High Volume Transportation (“HVT”) balancing charge calculation should be
4 revised to include: (1) the fuel retention charges assessed to PECO under the transportation
5 arrangements utilized to deliver gas to and from storage; and (2) the fuel retention charges
6 assessed on the gas PECO injects into and withdraws from storage.

7 Q. BEFORE CONTINUING, PLEASE DESCRIBE THE TIME PERIODS
8 RELEVANT TO YOUR INVESTIGATION.

9 A. The historic review period refers to the period April 1, 2023, through March 31, 2024. As
10 part of the 1307(f) review process, PECO’s actual gas procurement activity during the
11 historic review period is examined for consistency with least-cost gas procurement
12 standards. The 2023 PGC period extends from December 1, 2023, through November 30,
13 2024. Actual and projected purchased gas costs and revenues experienced by PECO during

1 the 2023 PGC period are reconciled, and any under-collections or over-collections are
2 reflected in determining the PGC rate applicable during the 2024 PGC period. The 2024
3 PGC period extends from December 1, 2024, through November 30, 2025. The 2024 PGC
4 rate will reflect estimated purchased gas costs for that period, adjusted for 2023 PGC period
5 purchased gas cost net under-collections or over-collections.

6 **II. BALANCING CHARGES**

7 Q. ARE PECO'S TRANSPORTATION CUSTOMERS ASSESSED BALANCING
8 CHARGES?

9 A. Yes. PECO provides firm transportation service under which customers arrange with a
10 third-party for the purchase and delivery of the gas supplies needed to meet their daily
11 requirements to the PECO system. The quantity of gas delivered to PECO on a daily basis
12 to serve a transportation customer will inevitably vary from the quantity of gas used by a
13 transportation customer. PECO provides balancing services to address these differences
14 in daily deliveries and usage. PECO provides both High Volume Transportation ("HVT")
15 and Low Volume Transportation ("LVT") service. The balancing requirements imposed
16 on HVT and LVT customers differ, and different balancing charges are assessed to HVT
17 and LVT customers.

18 Q. DO YOU HAVE ANY CONCERNS WITH PECO'S PROPOSED HVT AND
19 LVT BALANCING CHARGES?

20 A. Yes. I have a concern with PECO's HVT balancing charge.

21 Q. HOW IS PECO'S HVT BALANCING CHARGE CALCULATED?

22 A. PECO's proposed HVT balancing charge calculation for the 2024 PGC period (December
23 2024 – November 2025) is presented in the Direct Testimony of Julie S. Drezner (PECO
24 Statement No. 3), Exhibit JSD-1. The proposed charge for the 2024 PGC period is based
25 on the projected cost of the interstate pipeline storage services PECO used to provide

1 balancing service during the 2023 PGC period (December 2023 – November 2024) and the
2 actual monthly annual aggregate daily imbalances of HVT customers experienced during
3 the 2022 PGC period (December 2022 – November 2023). More specifically, as shown in
4 Exhibit JSD-1, the HVT balancing charge is calculated by dividing an allocated share of
5 PECO’s interstate pipeline storage costs by actual HVT customer volumes during the 2022
6 PGC period. The allocated share of PECO’s interstate pipeline storage costs is based on
7 the actual aggregate daily excess and deficient deliveries (imbalances) of HVT customers
8 during the twelve winter months of the 2022 PGC period as a share of total annual period
9 PGC volumes. In summary, as shown in Exhibit JSD-1, PECO’s projected annual storage
10 costs for the 2023 PGC period are \$31,570,000, and the aggregate daily imbalances of HVT
11 customers were 1,192,589 Mcf. The 1,192,589 Mcf reflects 1.75 percent of total PGC
12 volumes. This results in an allocated share of storage costs of \$551,621 to HVT balancing
13 service. This allocation is reduced by \$19,026 to reflect the penalty charges collected from
14 HVT customers for a net allocated cost of \$532,595. This net allocated cost is then divided
15 by actual 2022 PGC period HVT volumes of 23,652,714 Mcf to determine the balancing
16 charge of \$0.0225 Mcf.

17 Q. WHAT ARE YOUR SPECIFIC CONCERNS WITH PECO’S HVT
18 BALANCING CHARGE CALCULATION?

19 A. I have two concerns with the Company’s HVT balancing charge calculation. First, PECO
20 is assessed fuel retention charges under the transportation arrangements it utilizes to deliver
21 gas to and from storage. These fuel retention charges are not reflected in the annual storage
22 costs included in PECO’s HVT balancing charge calculation. This is unreasonable. All
23 storage-related costs should be included in the HVT balancing charge calculation. Second,
24 PECO is assessed fuel retention charges on the gas it injects into and withdraws from
25 storage. These fuel retention charges are not reflected in the HVT balancing charge

1 calculation and this is also unreasonable. Again, all storage-related costs should be
2 included in the HVT balancing charge calculation.

3 Q. HAVE YOU REVISED THE HVT BALANCING CHARGE TO ADDRESS
4 YOUR CONCERNS?

5 A. Not at this time. The information necessary for me to revise PECO's HVT balancing charge
6 was requested by the OCA through discovery. However, responses to that discovery was
7 not received in time for me to review the Company's responses and revise the HVT
8 balancing charge. I will supplement this testimony, including the presentation of a revised
9 HVT balancing charge, during the rebuttal phase in light of the fact that PECO has not
10 provided the relevant discovery in time to prepare my direct testimony.

11 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

12 A. Yes, it does.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Pennsylvania Public Utility Commission

v.

PECO Energy Co. – Gas Division
1307(f) Proceeding

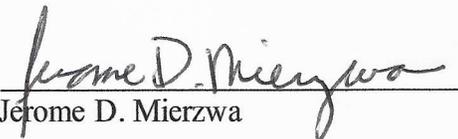
:
:
:
:
:
:
:
:
:
:
:

Docket Nos. R-2024-3048767
C-2024-3049088

VERIFICATION

I, Jerome D. Mierzwa, hereby state that the facts above set forth in my Direct Testimony, OCA Statement 1, are true and correct (or are true and correct to the best of my knowledge, information, and belief) and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

DATED: July 10, 2024

Signature: 
Jerome D. Mierzwa

Consultant Address:
Exeter Associates, Inc. 10480
Little Patuxent Parkway, Suite 300
Columbia, MD 21044-3575