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File #: 182459

March 1, 2021

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: Pennsylvania Public Utility Commission, et al. v. Peoples Gas Company LLC
1307(f) – 2021 Proceeding Docket No. R-2021-3023967**

Dear Secretary Chiavetta:

Enclosed, for filing with the Pennsylvania Public Utility Commission (“Commission”), on behalf of Peoples Gas Company LLC (“Peoples Gas”) are the following materials:

1. The materials that the Commission’s regulations at 52 Pa. Code Sections 53.64(c) and 53.65 require to be filed thirty (30) days before the filing of a tariff under 77 Pa. C.S. Section 1307(f); and
2. The reconciliation statement that the Commission’s regulation at 52 Pa. Code Section 53.64(i) requires to be filed at the same time.

A CD is also provided containing a copy of this filing.

Rosemary Chiavetta, Secretary
March 1, 2021
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Peoples Gas will be represented in this proceeding by the following counsel:

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All service on and communications in this proceeding should be addressed to the above-referenced counsel. Further, Peoples Gas requests that copies of all documents served upon the Company in this proceeding also be served Andrew Wachter via email at Andrew.Wachter@peoples-gas.com and/or via first class mail using the following address: Peoples Natural Gas Company LLC, 375 North Shore Drive, Pittsburgh, PA 15212-5866.

Copies of this filing will be provided as indicated on the enclosed Certificate of Service. Please direct any questions regarding this matter to the undersigned.

Respectfully submitted,



Michael W. Hassell

MWH/kls
Enclosures

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL AND FIRST-CLASS MAIL

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Date: March 1, 2021

Michael W. Hassell

Peoples Gas
Docket No. R-2021-3023967
1307(f)-2021 Annual Gas Cost Pre-Filing
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Peoples Gas
1307(f) - 2021

Section 53.64(c)(1):

A complete list in schedule format of each spot and each long term source of gas supply, production, transportation and storage, used in the past 12 months, which 12-month period shall end 2 months prior to the date of the tariff filing, separately setting forth on a monthly basis the quantity and price of gas delivered, produced, transported or stored, maximum daily quantity levels, maximum annual quantity levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and copies of Federal tariffs and contract provisions relating to the purchases—including demand and commodity components. With regard to each contemplated future source of supply, production, transportation or storage, during each of the next 20 months for each source, provide the name of the source, the maximum daily quantity, the maximum annual quantity, the minimum take levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and contractual or tariffed terms of the purchases, copies of applicable Federal tariffs, the expiration date of each contract, the date when each contract was most recently negotiated and the details of the negotiation—such as meeting held, offers made, and changes in contractual obligation—and whether current proceedings, negotiations or renegotiations are pending before the Federal Energy Regulatory Commission, and the like, to modify the price, quantity or another condition of purchase, and if so, the details of the proceedings, negotiations or renegotiations. Gas supply sources which individually represent less than 3% of the total system supply may be shown collectively, such as other local gas purchases.

* * * * *

Actual Purchased Gas Costs for 12 months ended January 31, 2021 (page 2)

20 Month Projection of Purchased Gas Costs for February 1, 2021 through September 30, 2022
(pages 3 - 20)

Description of warrantee or penalty provisions of the purchases (pages 21 - 25)

Pipeline rate tariff sheets (pages 26 - 104)

Details of contract negotiations (pages 105 - 110)

Summary of Pipeline Contracts (page 111)

Note: Effective November 2, 2020 interstate pipeline Dominion Energy Transmission, Inc. ("DETI") has changed its name to Eastern Gas Transmission and Storage, Inc. ("EGTS"). Accordingly, throughout this PRE-FILING of Materials, DETI and EGTS will be used interchangeably and refer to the same company.

	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2021 January	
	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATE	TOTAL
Local PA Purchases													
Quantity - Mcf	243,736	293,467	275,620	246,101	303,890	298,724	290,800	303,530	293,597	262,945	277,320	278,000	3,367,730
Rate per Mcf	\$1,6069	\$1,6264	\$1,3540	\$1,6077	\$1,4431	\$1,3411	\$1,4446	\$1,4203	\$1,2512	\$1,9111	\$1,8302	\$1,9856	\$1,5612
Cost	\$391,668	\$477,286	\$373,179	\$395,664	\$438,550	\$400,624	\$420,102	\$431,115	\$367,347	\$502,517	\$507,554	\$552,000	\$ 5,257,605
Interstate Pipeline Purchases													
Quantity - Mcf	0	0	527,798	480,744	316,226	480,741	605,675	705,899	660,340	0	0	0	3,777,423
Rate per Mcf	\$0.0000	\$0.0000	\$1,5204	\$1,3902	\$1,4236	\$1,4004	\$1,2910	\$1,2442	\$1,2689	\$0.0000	\$0.0000	\$0.0000	\$1,3481
Cost	\$0	\$0	\$802,469	\$668,318	\$450,164	\$673,248	\$781,914	\$878,291	\$837,892	\$0	\$0	\$0	\$ 5,092,296
Total Commodity Purchases													
Quantity - Mcf	243,736	293,467	803,418	726,845	620,116	779,465	896,475	1,009,429	953,937	262,945	277,320	278,000	7,145,153
Rate per Mcf	\$1,6069	\$1,6264	\$1,4633	\$1,4638	\$1,4331	\$1,3777	\$1,3408	\$1,2972	\$1,2634	\$1,9111	\$1,8302	\$1,9856	\$1,4485
Cost	\$391,668	\$477,286	\$1,175,648	\$1,063,981	\$888,714	\$1,073,872	\$1,202,016	\$1,309,406	\$1,205,240	\$502,517	\$507,554	\$552,000	\$ 10,349,902
Storage (Injection)/Withdrawals													
Quantity - Mcf	704,882	450,702	(173,640)	(377,443)	(489,718)	(642,510)	(676,202)	(621,942)	(506,454)	292,182	887,309	924,011	(228,823)
WACCOG Rate per Mcf	\$2,1331	\$2,1331	\$1,5521	\$1,4986	\$1,4384	\$1,4103	\$1,3482	\$1,3239	\$1,2902	\$1,6264	\$1,6264	\$1,6264	\$ 1,051,983
Cost	\$1,503,584	\$961,392	(\$269,510)	(\$565,622)	(\$704,400)	(\$906,113)	(\$911,666)	(\$823,382)	(\$653,437)	\$475,205	\$1,443,119	\$1,502,811	\$ 1,051,983
Injection/Withdrawal Costs	\$10,820	\$5,480	\$10,192	\$12,520	\$11,140	\$15,530	\$15,428	\$14,173	\$12,707	\$5,838	\$16,228	\$16,734	\$ 146,791
Pipeline Transportation Charges	\$101,428	\$97,317	\$117,503	\$88,641	\$48,199	\$91,934	\$101,246	\$88,589	\$116,388	\$104,313	\$111,863	\$108,804	\$ 1,176,225
Other Purchased Gas Costs													
Other Purchased Gas Costs - Mcf	(32,987)	91,271	(48,569)	47,802	54,135	(40,184)	60,563	(55,585)	(31,382)	28,739	19,320	0	93,123
Gas Administrative Costs	\$2,270	\$2,218	\$2,270	\$2,218	\$2,270	\$2,055	\$2,434	\$9,789	\$1,909	\$1,768	\$1,721	-	\$ 30,921
Imbalance Buyback Costs	\$12,536	\$26,501	\$65,730	\$7,950	\$0	\$98	\$73	\$4,110	\$3,361	\$13,231	\$10,482	-	\$ 144,072
Exchange Costs	(\$59,546)	\$105,240	(\$114,996)	\$64,835	\$65,697	(\$47,277)	\$68,010	(\$69,095)	(\$48,878)	\$35,600	\$29,414	-	\$ 29,004
Subtotal	(\$44,740)	\$133,960	(\$46,996)	\$75,004	\$67,967	(\$45,124)	\$70,516	(\$55,197)	(\$43,608)	\$50,599	\$41,617	\$0	\$ 203,997
Capacity Costs - Firm Transportation													
Capacity Costs - Firm Storage	\$127,780	\$127,780	\$1,415	\$126,771	\$110,949	\$110,949	\$111,083	\$105,908	\$111,083	\$103,869	\$111,302	\$111,302	\$ 1,260,192
Capacity Costs - Firm Storage Transportation	\$311,731	\$311,731	\$322,271	\$322,270	\$322,270	\$322,270	\$322,270	\$322,270	\$322,270	\$322,333	\$322,333	\$322,333	\$ 3,846,355
	\$217,779	\$217,779	\$79,510	\$79,240	\$75,587	\$79,240	\$78,916	\$78,916	\$116,148	\$220,345	\$220,662	\$220,662	\$ 1,684,785
	\$657,791	\$657,291	\$403,196	\$528,281	\$508,806	\$512,459	\$512,269	\$507,094	\$549,501	\$646,548	\$654,298	\$654,298	\$ 6,791,332
Total 1307(f) Gas Costs	\$ 2,620,051	\$ 2,332,726	\$ 1,390,033	\$ 1,202,806	\$ 820,427	\$ 742,557	\$ 989,810	\$ 1,040,683	\$ 1,186,791	\$ 1,785,020	\$ 2,774,678	\$ 2,834,647	\$ 19,720,228
Commodity Capacity	\$ 1,962,760	\$ 1,675,436	\$ 986,837	\$ 674,525	\$ 311,621	\$ 230,098	\$ 477,540	\$ 533,589	\$ 637,289	\$ 1,138,472	\$ 2,120,380	\$ 2,180,349	\$ 12,928,897
Total 1307(f) Purchases	915,631	835,440	581,209	397,204	184,533	96,771	280,836	331,902	416,101	583,866	1,183,949	1,202,011	7,009,453

Peoples Gas
 Annual 1307(f)-2021
 Interim Period Projected Gas Costs
SUMMARY

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>
<u>Local PA Purchases</u>								
Quantity - Mcf	281,214	281,672	278,100	278,930	278,601	280,272	276,686	280,409
Rate per Mcf	\$ 2.3497	\$ 2.4930	\$ 2.4226	\$ 2.3792	\$ 2.3600	\$ 2.3529	\$ 2.3068	\$ 2.1255
Cost	\$ 660,769	\$ 702,221	\$ 673,720	\$ 663,642	\$ 657,506	\$ 659,463	\$ 638,271	\$ 595,997
<u>Interstate Pipeline Purchases</u>								
Quantity - Mcf	0	0	326,773	549,205	554,000	554,000	554,000	489,000
Rate per Mcf	\$ -	\$ -	\$ 2.8242	\$ 2.6719	\$ 2.6509	\$ 2.6356	\$ 2.5834	\$ 2.3745
Cost	\$ 13,870	\$ 51,920	\$ 922,865	\$ 1,467,423	\$ 1,468,624	\$ 1,460,137	\$ 1,431,181	\$ 1,161,109
<u>Total Commodity Purchases</u>								
Quantity - Mcf	281,214	281,672	604,873	828,135	832,601	834,272	830,686	769,409
Rate per Mcf	\$ 2.3990	\$ 2.6774	\$ 2.6395	\$ 2.5733	\$ 2.5536	\$ 2.5407	\$ 2.4913	\$ 2.2837
Cost	\$ 674,638	\$ 754,142	\$ 1,596,584	\$ 2,131,066	\$ 2,126,130	\$ 2,119,600	\$ 2,069,453	\$ 1,757,106
<u>Storage (Injection)/Withdrawals</u>								
Quantity - Mcf	863,966	591,016	(106,912)	(529,000)	(682,396)	(690,032)	(686,816)	(611,406)
WACCOG Rate per Mcf	\$ 1.6264	\$ 1.6264	\$ 2.6763	\$ 2.6281	\$ 2.6094	\$ 2.5962	\$ 2.5463	\$ 2.3332
Cost	\$ 1,405,154	\$ 961,228	(\$286,128)	(\$1,390,287)	(\$1,780,674)	(\$1,791,427)	(\$1,748,810)	(\$1,426,553)
Injection/Withdrawal Costs	\$ 16,278	\$ 10,395	\$ 20,670	\$ 43,830	\$ 44,934	\$ 44,754	\$ 44,143	\$ 36,561
<u>Other Purchased Gas Costs</u>								
Other Purchased Gas Costs - Mcf	-	-	-	-	-	-	-	-
Gas Administrative Costs	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,544	\$ 1,544	\$ 1,544
Imbalance Buyback Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,544	\$ 1,544	\$ 1,544
<u>Capacity Costs - Firm Transportation</u>								
Capacity Costs - Firm Storage	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359
Capacity Costs - Firm Storage Transportation	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168
	\$ 282,294	\$ 282,294	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841
	\$ 779,821	\$ 779,821	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369
<u>Total 1307(f) Gas Costs</u>								
	\$ 2,877,453	\$ 2,507,147	\$ 1,940,056	\$ 1,393,538	\$ 999,320	\$ 981,839	\$ 973,698	\$ 976,027
Commodity	\$ 2,097,631	\$ 1,727,326	\$ 1,332,687	\$ 786,170	\$ 391,952	\$ 374,470	\$ 366,329	\$ 368,659
Capacity	\$ 779,821	\$ 779,821	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369	\$ 607,369
<u>Total 1307(f) Purchases - Mcf</u>								
	1,145,180	872,688	497,961	299,135	150,205	144,240	143,870	158,003
								3,411,283

Peoples Gas
 Annual 1307(f)-2021
 Interim Period Projected Gas Costs

Local Purchases

	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	Total
<u>Local PA Purchases</u>									
Quantity - Mcf	281,214	281,672	278,100	278,930	278,601	280,272	276,686	280,409	2,235,885
Rate per Mcf	\$ 2.3497	\$ 2.4930	\$ 2.4226	\$ 2.3792	\$ 2.3600	\$ 2.3529	\$ 2.3068	\$ 2.1255	\$ 2.3488
Cost	\$ 660,769	\$ 702,221	\$ 673,720	\$ 663,642	\$ 657,506	\$ 659,463	\$ 638,271	\$ 595,997	\$ 5,251,590

Peoples Gas
 Annual 1307(f)-2021
 Interim Period Projected Gas Costs
Interstate Pipeline Purchases

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>	2021 <u>TOTAL</u>
City-Gate Mcf									
Columbia Gas Transmission	0	0	40,000	42,000	47,000	47,000	47,000	42,000	265,000
Eastern Gas Transmission and Storage	0	0	0	237,000	242,000	242,000	242,000	212,000	1,175,000
Equitrans, LP	0	0	286,773	270,205	265,000	265,000	265,000	235,000	1,586,978
Texas Eastern Transmission	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL MCF	0	0	326,773	549,205	554,000	554,000	554,000	489,000	3,026,978
Interstate Pricing									
Columbia Gas Transmission	\$2.633	\$2.797	\$2.727	\$2.683	\$2.697	\$2.684	\$2.571	\$2.377	
Eastern Gas Transmission and Storage	\$2.495	\$2.657	\$2.581	\$2.527	\$2.503	\$2.487	\$2.441	\$2.213	
Equitrans, LP	\$2.717	\$2.881	\$2.805	\$2.750	\$2.726	\$2.710	\$2.663	\$2.433	
Texas Eastern Transmission	\$2.580	\$2.700	\$2.582	\$2.503	\$2.514	\$2.472	\$2.449	\$2.206	
Interstate Purchase Cost									
Columbia Gas Transmission	\$0	\$0	\$109,075	\$112,700	\$126,740	\$126,141	\$120,850	\$99,831	\$695,336
Eastern Gas Transmission and Storage	\$0	\$0	\$0	\$598,818	\$605,637	\$601,890	\$590,649	\$469,210	\$2,866,204
Equitrans, LP	\$0	\$0	\$804,324	\$743,004	\$722,265	\$718,124	\$705,701	\$571,865	\$4,265,283
EQT NOFT Delivery Costs	\$13,870	\$51,920	\$9,466	\$12,902	\$13,982	\$13,982	\$13,982	\$20,204	\$150,306
Texas Eastern Transmission	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
TOTAL COST	\$13,870	\$51,920	\$922,865	\$1,467,423	\$1,468,624	\$1,460,137	\$1,431,181	\$1,161,109	\$7,977,129

Peoples Gas
 Annual 1307(f)-2021
 Interim Period Projected Gas Costs
WACCOG Storage Inventory Pricing

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>	Total
<u>WACCOG Storage Inventory Pricing</u>									
(Injection)/Withdrawal Mcf									
Columbia Gas	60,000	40,000	(38,000)	(40,000)	(45,000)	(45,000)	(45,000)	(40,000)	(153,000)
Eastern Gas Storage and Transmission	280,000	210,500	46,088	(235,000)	(240,000)	(240,000)	(240,000)	(210,000)	(628,412)
Equitrans	404,229	220,764	(225,000)	(254,000)	(260,000)	(260,000)	(260,000)	(230,000)	(864,007)
On-System	<u>119,737</u>	<u>119,752</u>	<u>110,000</u>	<u>-</u>	<u>(137,396)</u>	<u>(145,032)</u>	<u>(141,816)</u>	<u>(131,406)</u>	<u>(206,161)</u>
TOTAL	863,966	591,016	(106,912)	(529,000)	(682,396)	(690,032)	(686,816)	(611,406)	(1,851,580)
WACCOG Storage Inventory Rate	\$ 1.6264	\$ 1.6264	\$ 2.6763	\$ 2.6281	\$ 2.6094	\$ 2.5962	\$ 2.5463	\$ 2.3332	
WACCOG Storage Inventory Cost	\$ 1,405,154	\$ 961,228	\$ (286,128)	\$ (1,390,287)	\$ (1,780,674)	\$ (1,791,427)	\$ (1,748,810)	\$ (1,426,553)	\$ (6,057,496)

Peoples Gas

Annual 1307(f)-2021

Interim Period Projected Gas Costs

Storage Injection / Withdrawal Costs

		2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	Total
<u>Storage Injection/Withdrawal Costs</u>										
<u>Columbia Gas Transmission - FSS</u>										
(Injection)/Withdrawal Mcf		60,000	40,000	(38,000)	(40,000)	(45,000)	(45,000)	(45,000)	(40,000)	
SST Delivery to FSS Charge		\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171
SST Fuel Charge	1.71%	\$ 0.0425	\$ 0.0451	\$ 0.0440	\$ 0.0433	\$ 0.0435	\$ 0.0433	\$ 0.0415	\$ 0.0383	
FSS Injection Charge		\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150
FSS Fuel Charge	0.49%	\$ 0.0125	\$ 0.0133	\$ 0.0129	\$ 0.0127	\$ 0.0128	\$ 0.0127	\$ 0.0122	\$ 0.0113	
FSS Withdrawal Charge		\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150	\$ 0.0150
SST Fuel Charge to City-Gate	1.71%	\$ 0.0439	\$ 0.0466	\$ 0.0455	\$ 0.0448	\$ 0.0450	\$ 0.0448	\$ 0.0429	\$ 0.0397	
SST Delivery to City-Gate		\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171	\$ 0.0171
		\$ 0.0760	\$ 0.0787	\$ 0.0890	\$ 0.0881	\$ 0.0884	\$ 0.0881	\$ 0.0858	\$ 0.0817	
CGT FSS Cost		\$ 4,562	\$ 3,150	\$ 3,383	\$ 3,525	\$ 3,978	\$ 3,966	\$ 3,860	\$ 3,269	
<u>Eastern Gas Storage and Transmission GSS</u>										
(Injection)/Withdrawal Mcf		280,000	210,500	46,088	(235,000)	(240,000)	(240,000)	(240,000)	(210,000)	
Fuel on Injection	1.99%	\$ 0.0461	\$ 0.0492	\$ 0.0478	\$ 0.0467	\$ 0.0463	\$ 0.0460	\$ 0.0451	\$ 0.0409	
Injection Charge		\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	
Withdrawal Charge		\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	
		\$ 0.0147	\$ 0.0147	\$ 0.0745	\$ 0.0734	\$ 0.0730	\$ 0.0727	\$ 0.0718	\$ 0.0676	
DTI GSS Cost		\$ 4,116	\$ 3,094	\$ (3,431)	\$ 17,258	\$ 17,517	\$ 17,448	\$ 17,240	\$ 14,196	
<u>Equitrans, LP 60SS</u>										
(Injection)/Withdrawal Mcf		404,229	220,764	(225,000)	(254,000)	(260,000)	(260,000)	(260,000)	(230,000)	
Fuel on Injection	2.63%	\$ 0.0610	\$ 0.0649	\$ 0.0631	\$ 0.0617	\$ 0.0611	\$ 0.0608	\$ 0.0596	\$ 0.0540	
Injection Charge		\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	
Withdrawal Charge		\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	
		\$ 0.0188	\$ 0.0188	\$ 0.0921	\$ 0.0907	\$ 0.0901	\$ 0.0898	\$ 0.0886	\$ 0.0830	
EQT 60SS Cost		\$ 7,600	\$ 4,150	\$ 20,718	\$ 23,048	\$ 23,439	\$ 23,340	\$ 23,043	\$ 19,097	
TOTAL STORAGE INJ/WD COST		\$ 16,278	\$ 10,395	\$ 20,670	\$ 43,830	\$ 44,934	\$ 44,754	\$ 44,143	\$ 36,561	\$ 261,564

Peoples Gas

Annual 1307(f)-2021

Interim Period Projected Gas Costs

Other Gas Costs

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>	2021 <u>Total</u>
Gas Administrative Costs	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,544	\$ 1,544	\$ 1,544	\$ 12,437
Imbalance Buyback									
Mcf									
Amount									
Exchange Gas									
Mcf									
Amount									
TOTAL OTHER GAS COSTS	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,561	\$ 1,544	\$ 1,544	\$ 1,544	\$ 12,437

Peoples Gas

Annual 1307(f)-2021

Interim Period Projected Gas Costs

Interstate Pipeline Demand and Capacity Costs

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>	Total
Interstate Transportation									
<u>Columbia Gas Transmission</u>									
FTS - 133308									
Demand Determinant - Dth	3,257	3,257	3,257	3,257	3,257	3,257	3,257	3,257	3,257
Demand Rate - \$/Dth	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040
Demand Cost - \$	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051
<u>Texas Eastern Transmission</u>									
FT - 911299									
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Rate - \$/Dth	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308
Demand Cost - \$	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308
<u>Total Demand and Capacity Costs</u>									
Demand Determinant - Dth	13,257	13,257	13,257	13,257	13,257	13,257	13,257	13,257	13,257
Demand Cost - \$	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 1,034,874

Interstate Pipeline Demand and Capacity Costs

	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	Total
Interstate Storage									
<u>Columbia Gas Transmission</u>									
FSS - 53012/50112									
Demand Determinant - Dth	10,807	10,807	10,807	10,807	10,807	10,807	10,807	10,807	10,807
Demand Rate - \$/Dth	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300	\$ 3.7300
Demand Cost - \$	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310
Capacity Determinant - Dth	595,847	595,847	595,847	595,847	595,847	595,847	595,847	595,847	595,847
Capacity Rate - \$/Dth	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672
Capacity Cost - \$	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041
<u>Eastern Gas Transmission and Storage</u>									
GSS - 300091/300098/300104									
Demand Determinant - Dth	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Demand Rate - \$/Dth	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716
Demand Cost - \$	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790
Capacity Determinant - Dth	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145
Capacity Cost - \$	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750
<u>Eastern Gas Transmission and Storage</u>									
GSS - 300192									
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Rate - \$/Dth	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474	\$ 5.0474
Demand Cost - \$	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474
Capacity Determinant - Dth	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
Capacity Rate - \$/Dth	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841
Capacity Cost - \$	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460
<u>Equitrans</u>									
60SS - 772									
Demand Determinant - Dth	44,917	44,917	44,917	44,917	44,917	44,917	44,917	44,917	44,917
Demand Rate - \$/Dth	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438
Demand Cost - \$	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818
Capacity Determinant - Dth	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145
Capacity Cost - \$	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525
<u>EQT</u>									
60SS Release	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS	EQT 60SS
Demand Determinant - Dth	-	-	-	-	-	-	-	-	-
Demand Rate - \$/Dth	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438
Demand Cost - \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacity Determinant - Dth	-	-	-	-	-	-	-	-	-
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145
Capacity Cost - \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Total Storage Demand/Capacity Costs</u>									
Demand Determinant - Dth	90,724	90,724	90,724	90,724	90,724	90,724	90,724	90,724	90,724
Capacity Determinant - Dth	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847
Total Cost - \$	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 2,945,344

Peoples Gas

Annual 1307(f)-2021

Interim Period Projected Gas Costs

Interstate Pipeline Demand and Capacity Costs

	2021 <u>February</u>	2021 <u>March</u>	2021 <u>April</u>	2021 <u>May</u>	2021 <u>June</u>	2021 <u>July</u>	2021 <u>August</u>	2021 <u>September</u>	Total
<u>Interstate Storage Transportation</u>									
<u>Columbia Gas Transmission</u>									
SST - 38091/50113									
Demand Determinant - Dth	10,807	10,807	5,404	5,404	5,404	5,404	5,404	5,404	5,404
Demand Rate - \$/Dth	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030
Demand Cost - \$	\$ 136,201	\$ 136,201	\$ 68,100	\$ 68,100	\$ 68,100	\$ 68,100	\$ 68,100	\$ 68,100	\$ 68,100
<u>Eastern Gas Tranmission and Storage</u>									
FTGSS - 700037/700039/700042									
Demand Determinant - Dth	25,000	25,000	-	-	-	-	-	-	-
Demand Rate - \$/Dth	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741
Demand Cost - \$	\$ 104,353	\$ 104,353	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Eastern Gas Transmission and Storage</u>									
FT - 200623									
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Rate - \$/Dth	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741
Demand Cost - \$	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741
<u>Total Demand and Capacity Costs</u>									
Demand Determinant - Dth	45,807	45,807	15,404	15,404	15,404	15,404	15,404	15,404	15,404
Demand Cost - \$	\$ 282,294	\$ 282,294	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841	\$ 109,841	\$ 1,223,636

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection
Local PA Purchases													
Quantity - Mcf	275,728	275,979	267,723	269,913	269,842	270,292	266,735	267,555	267,222	268,877	265,307	269,001	3,234,173
Rate per Mcf	\$ 2,1157	\$ 2,3352	\$ 2,5458	\$ 2,6901	\$ 2,6480	\$ 2,4533	\$ 2,1309	\$ 1,9920	\$ 1,9712	\$ 1,9673	\$ 1,9579	\$ 1,7380	\$ 2,2130
Cost	\$ 583,366	\$ 644,459	\$ 681,578	\$ 726,107	\$ 714,554	\$ 663,093	\$ 568,386	\$ 532,979	\$ 526,737	\$ 528,958	\$ 519,434	\$ 467,531	\$ 7,157,181
Interstate Pipeline Purchases													
Quantity - Mcf	539,412	0	0	32,000	0	0	519,070	547,070	544,000	554,000	554,000	514,000	3,803,552
Rate per Mcf	\$ 2,3611	\$ -	\$ -	\$ 2,7904	\$ -	\$ -	\$ 2,4735	\$ 2,2956	\$ 2,2700	\$ 2,2514	\$ 2,2506	\$ 1,9916	\$ 2,3146
Cost	\$ 1,273,631	\$ 57,048	\$ 11,790	\$ 89,291	\$ 28,918	\$ 50,361	\$ 1,283,928	\$ 1,255,855	\$ 1,234,894	\$ 1,247,276	\$ 1,246,857	\$ 1,023,676	\$ 8,803,524
Total Commodity Purchases													
Quantity - Mcf	815,140	275,979	267,723	301,913	269,842	270,292	785,805	814,625	811,222	822,877	819,307	783,001	7,037,725
Rate per Mcf	\$ 2,2781	\$ 2,5419	\$ 2,5899	\$ 2,7008	\$ 2,7552	\$ 2,6396	\$ 2,3572	\$ 2,1959	\$ 2,1716	\$ 2,1586	\$ 2,1558	\$ 1,9045	\$ 2,2679
Cost	\$ 1,856,997	\$ 701,507	\$ 693,368	\$ 815,398	\$ 743,472	\$ 713,453	\$ 1,852,314	\$ 1,788,833	\$ 1,761,631	\$ 1,776,233	\$ 1,766,291	\$ 1,491,207	\$ 15,960,705
Storage (Injection)/Withdrawals													
Quantity - Mcf	(433,000)	476,491	894,707	1,065,274	877,123	603,735	(287,060)	(515,000)	(660,804)	(678,442)	(675,240)	(624,801)	42,983
WACCOG Rate per Mcf	\$ 2,3208	\$ 2,5269	\$ 2,5269	\$ 2,5269	\$ 2,5269	\$ 2,5269	\$ 2,4005	\$ 2,2476	\$ 2,2250	\$ 2,2118	\$ 2,2093	\$ 1,9523	
Cost	\$ (1,004,901)	\$ 1,204,025	\$ 2,260,797	\$ 2,691,795	\$ 2,216,365	\$ 1,525,552	\$ (689,079)	\$ (1,157,491)	\$ (1,470,282)	\$ (1,500,557)	\$ (1,491,784)	\$ (1,219,788)	\$ 1,364,652
Injection/Withdrawal Costs	\$ 33,226	\$ 10,536	\$ 17,463	\$ 20,766	\$ 16,928	\$ 11,711	\$ 32,444	\$ 40,536	\$ 41,785	\$ 42,236	\$ 42,229	\$ 35,888	\$ 345,750
Pipeline Transportation Charges													
Other Purchased Gas Costs													
Other Purchased Gas Costs - Mcf													
Gas Administrative Costs	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 18,528
Imbalance Buyback Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exchange Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 18,528
Capacity Costs - Firm Transportation	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 1,306,003
Capacity Costs - Firm Storage	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 4,238,017
Capacity Costs - Firm Storage Transportation	\$ 177,942	\$ 282,294	\$ 282,294	\$ 282,294	\$ 282,294	\$ 282,294	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 1,839,858
	\$ 675,469	\$ 779,821	\$ 779,821	\$ 779,821	\$ 779,821	\$ 779,821	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 7,383,879
Total 1307(f) Gas Costs	\$ 1,562,335	\$ 2,697,433	\$ 3,752,993	\$ 4,309,325	\$ 3,758,129	\$ 3,032,081	\$ 1,665,441	\$ 1,141,640	\$ 802,895	\$ 787,674	\$ 786,498	\$ 777,069	\$ 25,073,514
Commodity	\$ 886,866	\$ 1,917,612	\$ 2,973,172	\$ 3,529,504	\$ 2,978,308	\$ 2,252,260	\$ 1,197,223	\$ 673,423	\$ 334,678	\$ 319,457	\$ 318,281	\$ 308,851	\$ 17,689,635
Capacity	\$ 675,469	\$ 779,821	\$ 779,821	\$ 779,821	\$ 779,821	\$ 779,821	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 468,217	\$ 7,383,879
Total 1307(f) Purchases - Mcf	382,140	752,470	1,162,430	1,367,187	1,146,965	874,027	498,745	299,625	150,418	144,435	144,067	158,200	7,080,708

Peoples Gas
 Annual 1307(f)-2021
 Projected Period Gas Costs
Local Purchases

	2021 <u>October</u>	2021 <u>November</u>	2021 <u>December</u>	2022 <u>January</u>	2022 <u>February</u>	2022 <u>March</u>	2022 <u>April</u>	2022 <u>May</u>	2022 <u>June</u>	2022 <u>July</u>	2022 <u>August</u>	2022 <u>September</u>	12-Mth <u>Collection</u>
Local PA Purchases													
Quantity - Mcf	275,728	275,979	267,723	269,913	269,842	270,292	266,735	267,555	267,222	268,877	265,307	269,001	3,234,173
Rate per Mcf	\$ 2.1157	\$ 2.3352	\$ 2.5458	\$ 2.6901	\$ 2.6480	\$ 2.4533	\$ 2.1309	\$ 1.9920	\$ 1.9712	\$ 1.9673	\$ 1.9579	\$ 1.7380	\$ 2.2130
Cost	\$ 583,366	\$ 644,459	\$ 681,578	\$ 726,107	\$ 714,554	\$ 663,093	\$ 568,386	\$ 532,979	\$ 526,737	\$ 528,958	\$ 519,434	\$ 467,531	\$ 7,157,181

Peoples Gas
 Annual 1307(f)-2021
 Projected Period Gas Costs
Interstate Pipeline Purchases

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection
City-Gate Mcf													
Columbia Gas Transmission	40,000	0	0	0	0	0	27,000	27,000	27,000	27,000	27,000	27,000	202,000
Eastern Gas Transmission and Storage	177,000	0	0	0	0	0	0	32,000	32,000	42,000	42,000	32,000	357,000
Equitrans, LP	322,412	0	0	0	0	0	492,070	488,070	485,000	485,000	485,000	455,000	3,212,552
Texas Eastern Transmission	0	0	0	32,000	0	0	0	0	0	0	0	0	32,000
TOTAL MCF	539,412	0	0	32,000	0	0	519,070	547,070	544,000	554,000	554,000	514,000	3,803,552
Interstate Pricing													
Columbia Gas Transmission	\$2.382	\$2.751	\$2.968	\$3.090	\$3.035	\$2.786	\$2.293	\$2.185	\$2.171	\$2.197	\$2.171	\$2.040	
Eastern Gas Transmission and Storage	\$2.213	\$2.465	\$2.725	\$2.885	\$2.835	\$2.606	\$2.242	\$2.074	\$2.047	\$2.030	\$2.031	\$1.750	
Equitrans, LP	\$2.433	\$2.687	\$2.950	\$3.112	\$3.061	\$2.830	\$2.462	\$2.293	\$2.265	\$2.249	\$2.249	\$1.965	
Texas Eastern Transmission	\$2.209	\$2.468	\$2.736	\$2.944	\$2.899	\$2.652	\$2.234	\$2.080	\$2.064	\$2.002	\$1.987	\$1.698	
Interstate Purchase Cost													
Columbia Gas Transmission	\$95,283	\$0	\$0	\$0	\$0	\$0	\$61,924	\$59,002	\$58,629	\$59,331	\$58,629	\$55,091	\$447,890
Eastern Gas Transmission and Storage	\$391,749	\$0	\$0	\$0	\$0	\$0	\$0	\$66,370	\$65,499	\$85,273	\$85,296	\$55,992	\$750,179
Equitrans, LP	\$784,524	\$0	\$0	\$0	\$0	\$0	\$1,211,393	\$1,119,042	\$1,098,687	\$1,090,593	\$1,090,854	\$894,292	\$7,289,386
EQT NOFT Delivery Costs	\$2,074	\$57,048	\$11,790	(\$4,920)	\$28,918	\$50,361	\$10,612	\$11,441	\$12,078	\$12,078	\$12,078	\$18,300	\$221,858
Texas Eastern Transmission	0	0	0	94,211	0	0	0	0	0	0	0	0	94,211
TOTAL COST	\$1,273,631	\$57,048	\$11,790	\$89,291	\$28,918	\$50,361	\$1,283,928	\$1,255,855	\$1,234,894	\$1,247,276	\$1,246,857	\$1,023,676	\$8,803,524

	2021 <u>October</u>	2021 <u>November</u>	2021 <u>December</u>	2022 <u>January</u>	2022 <u>February</u>	2022 <u>March</u>	2022 <u>April</u>	2022 <u>May</u>	2022 <u>June</u>	2022 <u>July</u>	2022 <u>August</u>	2022 <u>September</u>	12-Mth <u>Collection</u>
<u>WACCOG Storage Inventory Pricing</u>													
(Injection)/Withdrawal Mcf													
Columbia Gas	(38,000)	50,000	50,000	70,000	65,000	55,000	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	102,000
Eastern Gas Storage and Transmission	(175,000)	200,000	380,000	381,000	361,000	210,000	45,000	(30,000)	(30,000)	(40,000)	(40,000)	(30,000)	1,232,000
Equitrans	(220,000)	196,491	414,707	495,274	332,123	228,735	(400,000)	(460,000)	(480,000)	(480,000)	(480,000)	(450,000)	(1,302,670)
On-System (Dice)	-	30,000	50,000	119,000	119,000	110,000	92,940	-	(125,804)	(133,442)	(130,240)	(119,801)	11,653
TOTAL	(433,000)	476,491	894,707	1,065,274	877,123	603,735	(287,060)	(515,000)	(660,804)	(678,442)	(675,240)	(624,801)	42,983
WACCOG Storage Inventory Rate	\$ 2.3208	\$ 2.5269	\$ 2.5269	\$ 2.5269	\$ 2.5269	\$ 2.5269	\$ 2.4005	\$ 2.2476	\$ 2.2250	\$ 2.2118	\$ 2.2093	\$ 1.9523	
WACCOG Storage Inventory Cost	\$ (1,004,901)	\$ 1,204,025	\$ 2,260,797	\$ 2,691,795	\$ 2,216,365	\$ 1,525,552	\$ (689,079)	\$ (1,157,491)	\$ (1,470,282)	\$ (1,500,557)	\$ (1,491,784)	\$ (1,219,788)	\$ 1,364,652

WACCOG Calculation

	2021												
	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>TOTAL</u>					
Mcf	604,873	828,135	832,601	834,272	830,686	769,409	815,140	5,515,117					
Cost	\$1,618,815	\$2,176,457	\$2,172,625	\$2,165,897	\$2,115,140	\$1,795,212	\$1,891,767	\$13,935,913					
Unit Rate	\$ 2.6763	\$ 2.6281	\$ 2.6094	\$ 2.5962	\$ 2.5463	\$ 2.3332	\$ 2.3208	\$ 2.5269					
	2022												
	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>							
Mcf	785,805	814,625	811,222	822,877	819,307	783,001							
Cost	\$1,886,303	\$1,830,914	\$1,804,960	\$1,820,014	\$1,810,065	\$1,528,639							
Unit Rate	\$ 2.4005	\$ 2.2476	\$ 2.2250	\$ 2.2118	\$ 2.2093	\$ 1.9523							

Peoples Gas
 Annual 1307(f)-2021
 Projected Period Gas Costs
Storage Injection / Withdrawal Costs

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection	
<u>Storage Injection/Withdrawal Costs</u>														
Columbia Gas Transmission - FSS (Injection)/Withdrawal Mcf														
SST Delivery to FSS Charge	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	
SST Fuel Charge	1.71%	\$0.0385	\$0.0444	\$0.0479	\$0.0499	\$0.0490	\$0.0450	\$0.0370	\$0.0353	\$0.0351	\$0.0355	\$0.0351	\$0.0329	
FSS Injection Charge		\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	
FSS Fuel Charge	0.49%	\$0.0113	\$0.0131	\$0.0141	\$0.0147	\$0.0144	\$0.0132	\$0.0109	\$0.0104	\$0.0103	\$0.0104	\$0.0103	\$0.0097	
FSS Withdrawal Charge		\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	\$0.0150	
SST Fuel Charge to City-Gate	1.71%	\$0.0398	\$0.0459	\$0.0495	\$0.0515	\$0.0506	\$0.0465	\$0.0384	\$0.0366	\$0.0364	\$0.0368	\$0.0364	\$0.0342	
SST Delivery to City-Gate		\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	
CGT FSS Cost		\$ 0.0819	\$ 0.0780	\$ 0.0816	\$ 0.0836	\$ 0.0827	\$ 0.0786	\$ 0.0800	\$ 0.0778	\$ 0.0775	\$ 0.0780	\$ 0.0775	\$ 0.0747	
Eastern Gas Storage and Transmission GSS (Injection)/Withdrawal Mcf														
Fuel on Injection	1.99%	\$ 0.0409	\$ 0.0456	\$ 0.0505	\$ 0.0535	\$ 0.0525	\$ 0.0483	\$ 0.0415	\$ 0.0383	\$ 0.0378	\$ 0.0375	\$ 0.0375	\$ 0.0323	
Injection Charge		\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	\$ 0.0267	
Withdrawal Charge		\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	
DTI GSS Cost		\$ 0.0676	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0147	\$ 0.0682	\$ 0.0650	\$ 0.0645	\$ 0.0642	\$ 0.0642	\$ 0.0590	
Equitrans, LP 60SS (Injection)/Withdrawal Mcf														
Fuel on Injection	2.63%	\$ 0.0541	\$ 0.0603	\$ 0.0667	\$ 0.0706	\$ 0.0694	\$ 0.0638	\$ 0.0548	\$ 0.0507	\$ 0.0500	\$ 0.0496	\$ 0.0496	\$ 0.0427	
Injection Charge		\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	\$ 0.0290	
Withdrawal Charge		\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	
EQT 60SS Cost		\$ 0.0831	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0188	\$ 0.0838	\$ 0.0797	\$ 0.0790	\$ 0.0786	\$ 0.0786	\$ 0.0717	
TOTAL STORAGE INJ/WD COST		\$ 33,226	\$ 10,536	\$ 17,463	\$ 20,766	\$ 16,928	\$ 11,711	\$ 32,444	\$ 40,536	\$ 41,785	\$ 42,236	\$ 42,229	\$ 35,888	\$ 345,750

Peoples Gas
 Annual 1307(f)-2021
 Projected Period Gas Costs
Other Gas Costs

	2021 <u>October</u>	2021 <u>November</u>	2021 <u>December</u>	2022 <u>January</u>	2022 <u>February</u>	2022 <u>March</u>	2022 <u>April</u>	2022 <u>May</u>	2022 <u>June</u>	2022 <u>July</u>	2022 <u>August</u>	2022 <u>September</u>	12-Mth <u>Collection</u>
Gas Administrative Costs	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 18,528
Imbalance Buyback Mcf Amount													
Exchange Gas Mcf Amount													
TOTAL OTHER GAS COSTS	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 1,544	\$ 18,528

Interstate Pipeline Demand and Capacity Costs

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection
<u>Interstate Transportation</u>													
<u>Columbia Gas Transmission</u>													
FTS - 133308													
Demand Determinant - Dth	3,257	3,257	3,257	3,257	3,257	3,257	-	-	-	-	-	-	-
Demand Rate - \$/Dth	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040	\$ 12.6040
Demand Cost - \$	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ 41,051	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 246,307
<u>Texas Eastern Transmission</u>													
FT - 911299													
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Rate - \$/Dth	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308	\$ 8.8308
Demand Cost - \$	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 1,059,696
<u>Total Demand and Capacity Costs</u>													
Demand Determinant - Dth	13,257	13,257	13,257	13,257	13,257	13,257	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Cost - \$	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 129,359	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 88,308	\$ 1,306,003

Interstate Pipeline Demand and Capacity Costs

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection
Interstate Storage													
<u>Columbia Gas Transmission</u>													
FSS - 53012/50112													
Demand Determinant - Dth	10,807	10,807	10,807	10,807	10,807	10,807	5,889	5,889	5,889	5,889	5,889	5,889	
Demand Rate - \$/Dth	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	\$ 3,7300	
Demand Cost - \$	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 40,310	\$ 21,966	\$ 21,966	\$ 21,966	\$ 21,966	\$ 21,966	\$ 21,966	\$ 373,656
Capacity Determinant - Dth	595,847	595,847	595,847	595,847	595,847	595,847	353,360	353,360	353,360	353,360	353,360	353,360	
Capacity Rate - \$/Dth	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	\$ 0.0672	
Capacity Cost - \$	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 40,041	\$ 23,746	\$ 23,746	\$ 23,746	\$ 23,746	\$ 23,746	\$ 23,746	\$ 382,720
<u>Eastern Gas Transmission and Storage</u>													
GSS - 300091/300098/300104													
Demand Determinant - Dth	25,000	25,000	25,000	25,000	25,000	25,000	-	-	-	-	-	-	
Demand Rate - \$/Dth	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	\$ 1.8716	
Demand Cost - \$	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	\$ 46,790	-	-	-	-	-	-	\$ 280,740
Capacity Determinant - Dth	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	-	-	-	-	-	-	
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	
Capacity Cost - \$	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750	-	-	-	-	-	-	\$ 130,500
<u>Eastern Gas Transmission and Storage</u>													
GSS - 300192													
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Demand Rate - \$/Dth	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	\$ 5,0474	
Demand Cost - \$	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 50,474	\$ 605,688
Capacity Determinant - Dth	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	
Capacity Rate - \$/Dth	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	
Capacity Cost - \$	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 50,460	\$ 605,520
<u>Equitrans</u>													
60SS - 772													
Demand Determinant - Dth	44,917	44,917	44,917	44,917	44,917	44,917	72,417	72,417	72,417	72,417	72,417	72,417	
Demand Rate - \$/Dth	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	
Demand Cost - \$	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 82,818	\$ 133,522	\$ 133,522	\$ 133,522	\$ 133,522	\$ 133,522	\$ 133,522	\$ 1,298,043
Capacity Determinant - Dth	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	2,450,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	
Capacity Cost - \$	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 35,525	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 561,150
<u>EQT</u>													
60SS Release													
Demand Determinant - Dth	-	-	-	-	-	-	-	-	-	-	-	-	
Demand Rate - \$/Dth	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	\$ 1.8438	
Demand Cost - \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Capacity Determinant - Dth	-	-	-	-	-	-	-	-	-	-	-	-	
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	
Capacity Cost - \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Demand Determinant - Dth	90,724	90,724	90,724	90,724	90,724	90,724	88,306	88,306	88,306	88,306	88,306	88,306	
Capacity Determinant - Dth	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	5,145,847	4,953,360	4,953,360	4,953,360	4,953,360	4,953,360	4,953,360	
Total Cost - \$	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 368,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 338,168	\$ 4,238,017

Peoples Gas
 Annual 1307(f)-2021
 Projected Period Gas Costs

Interstate Pipeline Demand and Capacity Costs

	2021 October	2021 November	2021 December	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	12-Mth Collection
<u>Interstate Storage Transportation</u>													
<u>Columbia Gas Transmission</u>													
SST - 38091/50113													
Demand Determinant - Dth	10,807	10,807	10,807	10,807	10,807	10,807	-	-	-	-	-	-	-
Demand Rate - \$/Dth	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030	\$ 12.6030							
Demand Cost - \$	\$ 136,201	\$ 136,201	\$ 136,201	\$ 136,201	\$ 136,201	\$ 136,201							\$ 817,204
<u>Eastern Gas Transmission and Storage</u>													
FTGSS - 700037/700039/700042													
Demand Determinant - Dth	-	25,000	25,000	25,000	25,000	25,000	-	-	-	-	-	-	-
Demand Rate - \$/Dth	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741							
Demand Cost - \$	\$ -	\$ 104,353	\$ 104,353	\$ 104,353	\$ 104,353	\$ 104,353							\$ 521,763
<u>Eastern Gas Transmission and Storage</u>													
FT - 200623													
Demand Determinant - Dth	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Demand Rate - \$/Dth	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741	\$ 4.1741
Demand Cost - \$	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 500,892
<u>Total Demand and Capacity Costs</u>													
Demand Determinant - Dth	20,807	45,807	45,807	45,807	45,807	45,807	45,807	10,000	10,000	10,000	10,000	10,000	10,000
Demand Cost - \$	\$ 177,942	\$ 282,294	\$ 282,294	\$ 282,294	\$ 282,294	\$ 282,294	\$ 282,294	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 41,741	\$ 1,839,858

Peoples Gas
1307(f) - 2021

Section 53.64 (c)(1):

A detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions

* * * * *

Examples of such provisions for Peoples Gas' current gas supply contracts are as follows:

I. GISB Standard Form Base Contract For The Short-Term Sale And Purchase Of Natural Gas 1

Penalty Provisions:

Cover Standard: In addition to any liability for Imbalance Charges, which shall not be recovered twice by the following remedy, the exclusive and sole remedy of the parties in the event of a breach of a Performance Obligation, other than the delivery and receipt of Gas on an Interruptible basis, shall be the recovery of the following: (i) in the event of a breach by Seller on any Day(s), payment by Seller to Buyer in an amount equal to the positive difference, if any, between the purchase price paid by Buyer utilizing the Cover Standard for replacement Gas or alternative fuels and the Contract Price, adjusted for commercially reasonable differences in transportation costs to or from the Delivery Point(s), multiplied by the difference between the Contract Quantity and the quantity actually delivered by Seller for such Day(s); or (ii) in the event of a breach by Buyer on any Day(s), payment by Buyer to Seller in the amount equal to the positive difference, if any, between the Contract Price and the price received by Seller utilizing the Cover Standard for the resale of such Gas, adjusted for commercially reasonable differences in transportation costs to or from the Delivery Point(s), multiplied by the difference between the Contract Quantity and the quantity actually taken by Buyer for such Day(s); or (iii) in the event that Buyer has used commercially reasonable efforts to replace the Gas or Seller has used commercially reasonable efforts to sell the Gas to a third party, and no such replacement or sale is available, then the exclusive and sole remedy of the non-breaching party shall be any unfavorable difference between the Contract Price and the Spot Price, adjusted for such transportation to the applicable Delivery Point, multiplied by the difference between the Contract Quantity and the quantity actually delivered by Seller and received by Buyer for such Day(s).

(or)

1 The GISB form contract was the first standard gas sales and purchase contract form for use in the spot market, and it became the prevalent form for purchases of interstate gas in the mid-1990s. In December of 2001, the North American Energy Standards Board (NAESB) was formed and took the place of GISB in the market. The NAESB form contract was introduced in 2002 and has largely replaced the GISB form agreement. Still, Peoples Gas makes some purchases under GISB form contracts.

Spot Price Standard: In addition to any liability for Imbalance Charges, which shall not be recovered twice by the following remedy, the exclusive and sole remedy of the parties in the event of a breach of a Performance Obligation, other than the delivery and receipt of Gas on an Interruptible basis, shall be the recovery of the following: (i) in the event of a breach by Seller on any Day(s), payment by Seller to Buyer in an amount equal to the difference between the Contract Quantity and the actual quantity delivered by Seller and received by Buyer for such Day(s), multiplied by the positive difference, if any, obtained by subtracting the Contract Price from the Spot Price; (ii) in the event of a breach by Buyer on any Day(s), payment by Buyer to Seller in an amount equal to the difference between the Contract Quantity and the actual quantity delivered by Seller and received by Buyer for such Day(s), multiplied by the positive difference, if any, obtained by subtracting the applicable Spot Price from the Contract Price.

Warranty Provisions:

Seller warrants that it will have the right to convey and will transfer good and merchantable title to all Gas sold hereunder and delivered by it to Buyer, free and clear of all liens, encumbrances, and claims.

Balancing Provisions:

The parties shall coordinate their nomination activities, giving sufficient time to meet the deadlines of the affected Transporter(s). Each party shall give the other party timely prior notice, sufficient to meet the requirements of all Transporter(s) involved in the transaction, of the quantities of Gas to be delivered and purchased each Day. Should either party become aware that actual deliveries at the Delivery Point(s) are greater or lesser than the Scheduled Gas, such party shall promptly notify the other party.

The parties shall use commercially reasonable efforts to avoid imposition of any Imbalance Charges. If Buyer or Seller receives an invoice from a Transporter that includes Imbalance Charges, the parties shall determine the validity as well as the cause of such Imbalance Charges. If the Imbalance Charges were incurred as a result of Buyer's actions or inactions (which shall include, but shall not be limited to, Buyer's failure to accept quantities of Gas equal to the Scheduled Gas), then Buyer shall pay for such Imbalance Charges, or reimburse Seller for such Imbalance Charges paid by Seller to the Transporter. If the Imbalance Charges were incurred as a result of Seller's actions or inactions (which shall include, but shall not be limited to, Seller's failure to deliver quantities of Gas equal to the Scheduled Gas), then Seller shall pay for such Imbalance Charges, or reimburse Buyer for such Imbalance Charges paid by Buyer to the Transporter.

II. NAESB Standard Form Base Contract For the Sale And Purchase Of Natural Gas

Penalty Provisions:

(a) **Cover Standard:** The sole and exclusive remedy of the parties in the event of a breach of a Firm obligation to deliver or receive Gas shall be recovery of the following: (i) in the event of a breach by Seller on any Day(s), payment by Seller to Buyer in an amount equal to the positive difference, if any, between the purchase price paid by Buyer utilizing the Cover Standard and the Contract Price, adjusted for commercially reasonable differences in transportation costs to or from the Delivery Point(s), multiplied by the difference

between the Contract Quantity and the quantity actually delivered by Seller for such Day(s); or (ii) in the event of a breach by Buyer on any Day(s), payment by Buyer to Seller in the amount equal to the positive difference, if any, between the Contract Price and the price received by Seller utilizing the Cover Standard for the resale of such Gas, adjusted for commercially reasonable differences in transportation costs to or from the Delivery Point(s), multiplied by the difference between the Contract Quantity and the quantity actually taken by Buyer for such Day(s); or (iii) in the event that Buyer has used commercially reasonable efforts to replace the Gas or Seller has used commercially reasonable efforts to sell the Gas to a third party, and no such replacement or sale is available, then the sole and exclusive remedy of the performing party shall be any unfavorable difference between the Contract Price and the Spot Price, adjusted for such transportation to the applicable Delivery Point, multiplied by the difference between the Contract Quantity and the quantity actually delivered by Seller and received by Buyer for such Day(s). Imbalance Charges shall not be recovered under this Section 3.2, but Seller and/or Buyer shall be responsible for Imbalance Charges, if any, as provided in Section 4.3. The amount of such unfavorable difference shall be payable five Business Days after presentation of the performing party's invoice, which shall set forth the basis upon which such amount was calculated.

(or)

(b) Spot Price Standard: The sole and exclusive remedy of the parties in the event of a breach of a Firm obligation to deliver or receive Gas shall be recovery of the following: (i) in the event of a breach by Seller on any Day(s), payment by Seller to Buyer in an amount equal to the difference between the Contract Quantity and the actual quantity delivered by Seller and received by Buyer for such Day(s), multiplied by the positive difference, if any, obtained by subtracting the Contract Price from the Spot Price; or (ii) in the event of a breach by Buyer on any Day(s), payment by Buyer to Seller in an amount equal to the difference between the Contract Quantity and the actual quantity delivered by Seller and received by Buyer for such Day(s), multiplied by the positive difference, if any, obtained by subtracting the applicable Spot Price from the Contract Price. Imbalance Charges shall not be recovered under this Section 3.2, but Seller and/or Buyer shall be responsible for Imbalance Charges, if any, as provided in Section 4.3. The amount of such unfavorable difference shall be payable five Business Days after presentation of the performing party's invoice, which shall set forth the basis upon which such amount was calculated.

Warranty Provisions:

Seller warrants that it will have the right to convey and will transfer good and merchantable title to all Gas sold hereunder and delivered by it to Buyer, free and clear of all liens, encumbrances, and claims. EXCEPT AS PROVIDED IN THIS SECTION 8.2 AND IN SECTION 14.8, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE, ARE DISCLAIMED.

Balancing Provisions:

The parties shall coordinate their nomination activities, giving sufficient time to meet the deadlines of the affected Transporter(s). Each party shall give the other party timely prior Notice, sufficient to meet the requirements of all Transporter(s) involved in the transaction, of the quantities of Gas to be delivered

and purchased each Day. Should either party become aware that actual deliveries at the Delivery Point(s) are greater or lesser than the Scheduled Gas, such party shall promptly notify the other party.

The parties shall use commercially reasonable efforts to avoid imposition of any Imbalance Charges. If Buyer or Seller receives an invoice from a Transporter that includes Imbalance Charges, the parties shall determine the validity as well as the cause of such Imbalance Charges. If the Imbalance Charges were incurred as a result of Buyer's receipt of quantities of Gas greater than or less than the Scheduled Gas, then Buyer shall pay for such Imbalance Charges or reimburse Seller for such Imbalance Charges paid by Seller. If the Imbalance Charges were incurred as a result of Seller's delivery of quantities of Gas greater than or less than the Scheduled Gas, then Seller shall pay for such Imbalance Charges or reimburse Buyer for such Imbalance Charges paid by Buyer.

III. Local Gas Standard Form Base Contract For The Sale And Purchase of Natural Gas

Penalty Provisions:

Suspension: If Producer fails to comply with any of the covenants contained in this Master Agreement, or any other gas supply and/or delivery agreement between Producer and Peoples' direct natural gas affiliates, Peoples may refuse to allow Gas to flow through the Interconnect until, in Peoples' sole opinion, Producer is fully complying with all of the terms and conditions of this Master Agreement. Peoples, in its sole judgment, shall have the right to shut-in the Interconnect immediately if equipment is not operating properly, an overpressure condition exists, design limitations are exceeded, or safe operating conditions are compromised. Furthermore, Peoples has the right to keep the Interconnect shut-in until the Producer makes the necessary provisions to rectify the situation. If the abnormal conditions repeatedly arise, Peoples has the right to shut-in the Interconnect indefinitely and/or to terminate this Master Agreement.

Producer shall reimburse Peoples for any damages caused by Producer failing to comply with any of the covenants contained in this Master Agreement, including payments made by Peoples to other affected customers in settlement of claims arising out of such service if Producer was notified that Peoples was invoking indemnification under Section 13.03 and Producer was given the opportunity to defend against the claim prior to such settlement agreement. To the extent any damages required to be paid hereunder are liquidated, the parties acknowledge that the damages are difficult or impossible to determine, otherwise obtaining an adequate remedy is inconvenient and the liquidated damages constitute a reasonable approximation of the harm or loss.

If litigation results from any dispute between Producer and Peoples, Peoples may pay any money withheld under this Master Agreement to a court of competent jurisdiction without any further liability, or may interplead all claimants, including Producer. The prevailing party in a litigated dispute between Peoples and Producer shall have the right to collect from the other party its reasonable costs and necessary disbursements and attorneys' fees incurred in enforcing this Agreement.

From EXHIBIT A-02 to Master Interconnect and Measurement Agreement - Additional Terms and Conditions Governing the Purchase of Gas

1. **Sale and Purchase Obligations**. Producer shall produce and sell to Peoples, and Peoples shall take and pay for, quantities of Gas delivered to the Receipt Point(s) set forth below. Peoples shall have no obligation to pay for any Gas until such time as it has been produced and delivered to the designated Receipt Point(s). Except in instances where Peoples and Producer agree otherwise, Producer's sale shall be a full requirements sale where all Gas produced shall be delivered to Peoples. Notwithstanding the foregoing, Peoples may reduce or suspend its purchases under this Master Agreement in the event that Peoples has insufficient pipeline capacity or insufficient market demand to facilitate the sale and/or use of Producer's Gas. Upon notice to Producer, Producer shall promptly comply with Peoples' reduction or suspension request. In the event Peoples should ever cease, in whole or in part, to sell Gas directly to end-use customers (otherwise known as providing merchant or sales service), then Peoples may, in its sole discretion, terminate this Master Agreement upon at least sixty (60) days written notice to Producer.

APPLICABLE TO SETTLING PARTIES PURSUANT TO
 THE DECEMBER 6, 2013 STIPULATION IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.6)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate Schedule	Rate Component	Base Tariff Rate [1]	Current Acct 858 Base	Current EPCA Base	TCRA [3] Surcharge	EPCA [4] Surcharge	Other Adj.	Current Rate [6]	FERC ACA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

FT, FTNN [2], [5]

RESERVATION CHARGE:

(Maximum Rate)	\$3.8820	\$0.2756	\$0.0038	\$0.0057	\$0.0006	-	\$4.1677	-
(Minimum Rate)	\$0.0000	-	-	-	-	-	\$0.0000	-

USAGE CHARGE:

(Maximum Rate)	\$0.0083	\$0.0051	\$0.0023	\$0.0001	\$0.0004	-	\$0.0162	[7]
(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]

CAPACITY RELEASE (Vol. Charge):

(Maximum Rate)	\$0.1276	\$0.0091	\$0.0001	\$0.0002	\$0.0000	-	\$0.1370	-
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FT(SC), FTNN(SC) [2]

(Maximum Rate)	\$0.2636	\$0.0232	\$0.0025	\$0.0005	\$0.0004	-	\$0.2902	[7]
(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]

IT [2]

(Maximum Rate)	\$0.1359	\$0.0032	\$0.0024	\$0.0003	\$0.0004	-	\$0.1422	[7]
(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]

[1] The Base Tariff Rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.

[2] The Maximum Transportation Service Fuel Retention Percentage is 1.38% plus Adders of 0.57% (RP00-632 S&A, approved 9/13/01), totaling 1.95%.

[3] 858 over/under from previous TCRA period.

[4] Electric over/under from previous EPCA period.

[5] The maximum base tariff rate for Hope Gas, Inc. (d/b/a Dominion Energy West Virginia) for (a) up to 38,765 DT/d of its FTNN service and (b) up to 91,241 DT/d of its FTNN-GSS service shall be \$3.5618 per DT.

[6] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.

[7] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO
 THE DECEMBER 6, 2013 STIPULATION IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.6)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate Schedule (1)	Rate Component (2)	Base Tariff Rate [1] [3]	Current Acct 858 Base [4]	Current EPCA Base [5]	TCRA [3] Surcharge [6]	EPCA [4] Surcharge [7]	Other Adj. [8]	Current Rate [6] [9]	FERC ACA [10]
FT, FTNN [2], [5]									
RESERVATION CHARGE:									
(Maximum Rate)		\$3.8820	\$0.2756	\$0.0040	\$0.0057	\$0.0003	-	\$4.1676	-
(Minimum Rate)		\$0.0000	-	-	-	-	-	\$0.0000	-
USAGE CHARGE:									
(Maximum Rate)		\$0.0083	\$0.0051	\$0.0019	\$0.0001	(\$0.0003)	-	\$0.0151	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]
CAPACITY RELEASE (Vol. Charge):									
(Maximum Rate)		\$0.1276	\$0.0091	\$0.0001	\$0.0002	\$0.0000	-	\$0.1370	-
FT(SC), FTNN(SC) [2]									
(Maximum Rate)		\$0.2636	\$0.0232	\$0.0022	\$0.0005	(\$0.0003)	-	\$0.2892	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
(Maximum Rate)		\$0.1359	\$0.0032	\$0.0020	\$0.0003	(\$0.0003)	-	\$0.1411	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]

- [1] The Base Tariff Rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] The Maximum Transportation Service Fuel Retention Percentage is 1.38% plus Adders of 0.57% (RP00-632 S&A, approved 9/13/01), totaling 1.95%.
- [3] 858 over/under from previous TCRA period.
- [4] Electric over/under from previous EPCA period.
- [5] The maximum base tariff rate for Hope Gas, Inc. (d/b/a Dominion Energy West Virginia) for (a) up to 38,765 DT/d of its FTNN service and (b) up to 91,241 DT/d of its FTNN-GSS service shall be \$3.5618 per DT.
- [6] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [7] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO
 THE DECEMBER 6, 2013 STIPULATION IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.6)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate Schedule (1)	Rate Component (2)	Base Tariff Rate [1] [3]	Current Acct 858 Base [4]	Current EPCA Base [5]	TCRA [3] Surcharge [6]	EPCA [4] Surcharge [7]	Other Adj. [8]	Current Rate [6] [9]	FERC ACA [10]
FT, FTNN [2], [5]									
RESERVATION CHARGE:									
(Maximum Rate)									
		\$3.8820	\$0.2847	\$0.0040	\$0.0031	\$0.0003	-	\$4.1741	-
(Minimum Rate)									
		\$0.0000	-	-	-	-	-	\$0.0000	-
USAGE CHARGE:									
(Maximum Rate)									
		\$0.0083	\$0.0048	\$0.0019	(\$0.0005)	(\$0.0003)	-	\$0.0142	[7]
(Minimum Rate)									
		\$0.0083	-	-	-	-	-	\$0.0083	[7]
CAPACITY RELEASE (Vol. Charge):									
(Maximum Rate)									
		\$0.1276	\$0.0094	\$0.0001	\$0.0001	\$0.0000	-	\$0.1372	-
FT(SC), FTNN(SC) [2]									
(Maximum Rate)									
		\$0.2636	\$0.0235	\$0.0022	(\$0.0003)	(\$0.0003)	-	\$0.2887	[7]
(Minimum Rate)									
		\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
(Maximum Rate)									
		\$0.1359	\$0.0034	\$0.0020	(\$0.0004)	(\$0.0003)	-	\$0.1406	[7]
(Minimum Rate)									
		\$0.0083	-	-	-	-	-	\$0.0083	[7]

- [1] The Base Tariff Rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] The Maximum Transportation Service Fuel Retention Percentage is 1.38% plus Adders of 0.57% (RP00-632 S&A, approved 9/13/01), totaling 1.95%.
- [3] 858 over/under from previous TCRA period.
- [4] Electric over/under from previous EPCA period.
- [5] The maximum base tariff rate for Hope Gas, Inc. (d/b/a Dominion Energy West Virginia) for (a) up to 38,765 DT/d of its FTNN service and (b) up to 91,241 DT/d of its FTNN-GSS service shall be \$3.5618 per DT.
- [6] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [7] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO
 THE DECEMBER 6, 2013 STIPULATION IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.6)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate Schedule (1)	Rate Component (2)	Base Tariff Rate [1] [3]	Current Acct 858 Base [4]	Current EPCA Base [5]	TCRA [3] Surcharge [6]	EPCA [4] Surcharge [7]	Other Adj. [8]	Current Rate [6] [9]	FERC ACA [10]
FT, FTNN [2], [5]									
RESERVATION CHARGE:									
(Maximum Rate)		\$3.8820	\$0.2847	\$0.0040	\$0.0031	\$0.0003	-	\$4.1741	-
(Minimum Rate)		\$0.0000	-	-	-	-	-	\$0.0000	-
USAGE CHARGE:									
(Maximum Rate)		\$0.0083	\$0.0048	\$0.0019	(\$0.0005)	(\$0.0003)	-	\$0.0142	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]
CAPACITY RELEASE (Vol. Charge):									
(Maximum Rate)		\$0.1276	\$0.0094	\$0.0001	\$0.0001	\$0.0000	-	\$0.1372	-
FT(SC), FTNN(SC) [2]									
(Maximum Rate)		\$0.2636	\$0.0235	\$0.0022	(\$0.0003)	(\$0.0003)	-	\$0.2887	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
(Maximum Rate)		\$0.1359	\$0.0034	\$0.0020	(\$0.0004)	(\$0.0003)	-	\$0.1406	[7]
(Minimum Rate)		\$0.0083	-	-	-	-	-	\$0.0083	[7]

- [1] The Base Tariff Rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] The Maximum Transportation Service Fuel Retention Percentage is 1.38% plus Adders of 0.57% (RP00-632 S&A, approved 9/13/01), totaling 1.95%.
- [3] 858 over/under from previous TCRA period.
- [4] Electric over/under from previous EPCA period.
- [5] The maximum base tariff rate for Hope Gas, Inc. (d/b/a Dominion Energy West Virginia) for (a) up to 38,765 DT/d of its FTNN service and (b) up to 91,241 DT/d of its FTNN-GSS service shall be \$3.5618 per DT.
- [6] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [7] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
 IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.31)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate Schedule (1)	Rate Component (2)	Base Tariff Rate [1] (3)	Current Acct 858 Base (4)	Current EPCA Base (5)	TCRA [5] Surcharge (6)	EPCA [6] Surcharge (7)	Current Rate [7] (8)	FERC ACA (9)
GSS [2], [4]								
	Storage Demand	\$1.7984	\$0.0666	\$0.0072	(\$0.0046)	\$0.0022	\$1.8698	-
	Storage Capacity	\$0.0145	-	-	-	-	\$0.0145	-
	Injection Charge	\$0.0154	-	\$0.0128	\$0.0000	(\$0.0014)	\$0.0268	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0014)	\$0.0140	[8]
	GSS-TE Surcharge [3]	-	\$0.0047	-	\$0.0001	-	\$0.0048	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0015	(\$0.0010)	(\$0.0009)	\$0.6303	[8]
GSS-E [2], [4]								
	Storage Demand	\$2.2113	\$0.0666	\$0.0072	(\$0.0046)	\$0.0022	\$2.2827	-
	Storage Capacity	\$0.0369	-	-	-	-	\$0.0369	-
	Injection Charge	\$0.0154	-	\$0.0128	\$0.0000	(\$0.0014)	\$0.0268	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0014)	\$0.0140	[8]
	Authorized Overruns	\$1.0657	\$0.0144	\$0.0015	(\$0.0010)	(\$0.0009)	\$1.0797	[8]
ISS [2]								
	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0002)	\$0.0001	\$0.0759	-
	Injection Charge	\$0.0154	-	\$0.0128	\$0.0000	(\$0.0014)	\$0.0268	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0014)	\$0.0140	[8]
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0144	\$0.0015	(\$0.0010)	(\$0.0009)	\$0.6303	[8]
	Excess Injection Charge	\$0.2245	-	\$0.0128	\$0.0000	(\$0.0014)	\$0.2359	-

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 1.67% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 1.95%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.
- [4] Daily Capacity Release Rate for GSS per Dt is \$0.6163. Daily Capacity Release Rate for GSS-E per Dt is \$1.0657.
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.
- [7] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [8] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
 IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.31)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate <u>Schedule</u> (1)	Rate <u>Component</u> (2)	Base Tariff Rate [1] (3)	Current Acct 858 <u>Base</u> (4)	Current EPCA <u>Base</u> (5)	TCRA [5] <u>Surcharge</u> (6)	EPCA [6] <u>Surcharge</u> (7)	Current Rate [7] (8)	FERC ACA (9)
GSS [2], [4]								
	Storage Demand	\$1.7984	\$0.0666	\$0.0073	(\$0.0046)	\$0.0008	\$1.8685	-
	Storage Capacity	\$0.0145	-	-	-	-	\$0.0145	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	GSS-TE Surcharge [3]	-	\$0.0047	-	\$0.0001	-	\$0.0048	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0016	(\$0.0010)	(\$0.0005)	\$0.6308	[8]
GSS-E [2], [4]								
	Storage Demand	\$2.2113	\$0.0666	\$0.0073	(\$0.0046)	\$0.0008	\$2.2814	-
	Storage Capacity	\$0.0369	-	-	-	-	\$0.0369	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overruns	\$1.0657	\$0.0144	\$0.0016	(\$0.0010)	(\$0.0005)	\$1.0802	[8]
ISS [2]								
	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0002)	\$0.0000	\$0.0758	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0144	\$0.0016	(\$0.0010)	(\$0.0005)	\$0.6308	[8]
	Excess Injection Charge	\$0.2245	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.2358	-

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 1.67% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 1.95%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.
- [4] Daily Capacity Release Rate for GSS per Dt is \$0.6161. Daily Capacity Release Rate for GSS-E per Dt is \$1.0655.
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.
- [7] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [8] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
 IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.31)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate <u>Schedule</u> (1)	Rate <u>Component</u> (2)	Base Tariff Rate [1] (3)	Current Acct 858 <u>Base</u> (4)	Current EPCA <u>Base</u> (5)	TCRA [5] <u>Surcharge</u> (6)	EPCA [6] <u>Surcharge</u> (7)	Current Rate [7] (8)	FERC ACA (9)
GSS [2], [4]								
	Storage Demand	\$1.7984	\$0.0673	\$0.0073	(\$0.0022)	\$0.0008	\$1.8716	-
	Storage Capacity	\$0.0145	-	-	-	-	\$0.0145	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	GSS-TE Surcharge [3]	-	\$0.0047	-	\$0.0006	-	\$0.0053	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$0.6313	[8]
GSS-E [2], [4]								
	Storage Demand	\$2.2113	\$0.0673	\$0.0073	(\$0.0022)	\$0.0008	\$2.2845	-
	Storage Capacity	\$0.0369	-	-	-	-	\$0.0369	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overruns	\$1.0657	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$1.0807	[8]
ISS [2]								
	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0001)	\$0.0000	\$0.0759	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$0.6313	[8]
	Excess Injection Charge	\$0.2245	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.2358	-

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 1.67% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 1.95%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.
- [4] Daily Capacity Release Rate for GSS per Dt is \$0.6166. Daily Capacity Release Rate for GSS-E per Dt is \$1.0660.
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.
- [7] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [8] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
 IN DOCKET NO. RP14-262

(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.31)

RATES APPLICABLE TO RATE SCHEDULES IN
 FERC GAS TARIFF, VOLUME NO. 1
 (\$ per DT)

Rate <u>Schedule</u>	Rate <u>Component</u>	Base Tariff <u>Rate [1]</u>	Current Acct 858 <u>Base</u>	Current EPCA <u>Base</u>	TCRA [5] <u>Surcharge</u>	EPCA [6] <u>Surcharge</u>	Current Rate [7]	FERC ACA <u>[9]</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
GSS [2], [4]								
	Storage Demand	\$1.7984	\$0.0673	\$0.0073	(\$0.0022)	\$0.0008	\$1.8716	-
	Storage Capacity	\$0.0145	-	-	-	-	\$0.0145	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	GSS-TE Surcharge [3]	-	\$0.0047	-	\$0.0006	-	\$0.0053	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$0.6313	[8]
GSS-E [2], [4]								
	Storage Demand	\$2.2113	\$0.0673	\$0.0073	(\$0.0022)	\$0.0008	\$2.2845	-
	Storage Capacity	\$0.0369	-	-	-	-	\$0.0369	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overruns	\$1.0657	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$1.0807	[8]
ISS [2]								
	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0001)	\$0.0000	\$0.0759	-
	Injection Charge	\$0.0154	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.0267	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0007)	\$0.0147	[8]
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0144	\$0.0016	(\$0.0005)	(\$0.0005)	\$0.6313	[8]
	Excess Injection Charge	\$0.2245	-	\$0.0120	\$0.0000	(\$0.0007)	\$0.2358	-

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 1.67% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 1.95%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.
- [4] Daily Capacity Release Rate for GSS per Dt is \$0.6166. Daily Capacity Release Rate for GSS-E per Dt is \$1.0660.
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.
- [7] The Current Rate shall be increased for the Annual Charge Adjustment (ACA) as applicable.
- [8] The applicable ACA rate is set forth on the FERC website (<http://www.ferc.gov/industries/gas/annual-charges.asp>).

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
IN DOCKET NO. RP14-262
(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.71)

RATES APPLICABLE TO RATE SCHEDULES IN
FERC GAS TARIFF, VOLUME NO. 1
(RATES PER DT)

Incremental Facility Surcharges

<u>Rate Schedule</u> (1)	<u>Incremental Facilities Docket</u> (2)	<u>Surcharge</u> (3)
FT, FTNN		
Lebanon to Leidy (Docket No. CP89-638)		
RESERVATION		\$2.0280
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0667
Leidy to Market (Docket No. CP89-638)		
RESERVATION		\$0.8127
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0267
Dominion Hub III (Docket No. CP09-18-000)		
RESERVATION		\$2.0625
Sabinsville to Morrisville (Docket No. CP12-20-000)		
RESERVATION		\$2.6869
Leidy South (Docket No. CP15-492-000)		
RESERVATION (Electric)		\$0.1646
USAGE (Electric)		\$0.0559
FUEL		0.35%

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
IN DOCKET NO. RP14-262
(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.71)

RATES APPLICABLE TO RATE SCHEDULES IN
FERC GAS TARIFF, VOLUME NO. 1
(RATES PER DT)

Incremental Facility Surcharges

<u>Schedule</u> (1)	<u>Rate</u> <u>Incremental Facilities Docket</u> (2)	<u>Surcharge</u> (3)
FT, FTNN		
Lebanon to Leidy (Docket No. CP89-638)		
RESERVATION		\$2.0280
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0667
Leidy to Market (Docket No. CP89-638)		
RESERVATION		\$0.8127
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0267
Dominion Hub III (Docket No. CP09-18-000)		
RESERVATION		\$2.0625
Sabinsville to Morrisville (Docket No. CP12-20-000)		
RESERVATION		\$2.6869
Leidy South (Docket No. CP15-492-000)		
RESERVATION (Electric)		\$0.1938
USAGE (Electric)		\$0.0435
FUEL		0.35%

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE DECEMBER 6, 2013 STIPULATION
IN DOCKET NO. RP14-262
(FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE TARIFF RECORD 10.71)

RATES APPLICABLE TO RATE SCHEDULES IN
FERC GAS TARIFF, VOLUME NO. 1
(RATES PER DT)

Incremental Facility Surcharges

<u>Schedule</u> (1)	<u>Rate</u> <u>Incremental Facilities Docket</u> (2)	<u>Surcharge</u> (3)
FT, FTNN		
Lebanon to Leidy (Docket No. CP89-638)		
RESERVATION		\$2.0280
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0667
Leidy to Market (Docket No. CP89-638)		
RESERVATION		\$0.8127
CAPACITY RELEASE (Max. Vol. Charge)		\$0.0267
Dominion Hub III (Docket No. CP09-18-000)		
RESERVATION		\$2.0625
Sabinsville to Morrisville (Docket No. CP12-20-000)		
RESERVATION		\$2.6869
Leidy South (Docket No. CP15-492-000)		
RESERVATION (Electric)		\$0.1938
USAGE (Electric)		\$0.0435
FUEL		0.35%

STATEMENT OF RATES
TRANSPORTATION RATES (Rates per Dth)

RATE SCHEDULE NOFT

RATE ZONE	NOFT RESERVATION CHARGE	
	MAXIMUM	MINIMUM
Mainline System		
Winter (November 1 – March 31)	\$ 8.2909	\$ 0.0000
Base (April 1 – October 31)	\$ 7.5189	\$ 0.0000

RATE SCHEDULE FTS

RATE ZONE	FTS RESERVATION CHARGE	
	MAXIMUM	MINIMUM
Mainline System		
Winter (November 1 – March 31) 1/	\$ 6.1206	\$ 0.0000
Base (April 1 – October 31) 1/	\$ 5.5559	\$ 0.0000
Incremental Rates		
Sunrise Transmission System	\$ 12.7329	\$ 0.0000
Ohio Valley Connector	\$ 8.9871	\$ 0.0000
Allegheny Valley Connector	\$ 9.6511	\$ 0.0000

RATE SCHEDULE EFT

RATE ZONE	EFT RESERVATION CHARGE	
	MAXIMUM	MINIMUM
Mainline System		
Winter (November 1 – March 31) 1/	\$ 9.1809	\$ 0.0000
Base (April 1 – October 31) 1/	\$ 8.3339	\$ 0.0000
Incremental Rates		
Sunrise Transmission System	\$ 19.0994	\$ 0.0000
Ohio Valley Connector	\$ 13.4807	\$ 0.0000
Allegheny Valley Connector	\$ 14.4767	\$ 0.0000

RATE SCHEDULE STS-1

RATE ZONE	STS-1 RESERVATION CHARGE	
	MAXIMUM	MINIMUM
Mainline System		
Winter (November 1 – March 31) 1/	\$ 6.1206	\$ 0.0000
Base (April 1 – October 31) 1/	\$ 5.5559	\$ 0.0000

RATE SCHEDULE FTSS

RATE ZONE	FTSS RESERVATION CHARGE	
	MAXIMUM	MINIMUM
Allegheny Valley Connector	\$ 9.6511	\$ 0.0000

1/ Includes PSC Reservation Charge of \$0.8108.

RATE SCHEDULE NOFT

RATE ZONE	NOFT USAGE CHARGE 1/ MAXIMUM 2/	MINIMUM
Mainline System		
Winter (November 1 – March 31)	\$ 0.1481	\$ 0.0000
Base (April 1 – October 31)	\$ 0.1466	\$ 0.0000

RATE SCHEDULES FTS and EFT

WINTER (NOVEMBER 1 – MARCH 31) MAXIMUM USAGE 1/

Service Provided on	Mainline System 3/4/	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System 3/4/			
From Mainline System	\$ 0.1481	\$ 0.1481	\$ 0.4654
From Sunrise Transmission System	\$ 0.1481	\$ 0.1481	\$ 0.4654
From Allegheny Valley Connector	\$ 0.4654	\$ 0.4654	\$ 0.3173
Sunrise Transmission System			
From Mainline System 3/4/	\$ 0.1372	\$ 0.0000	\$ 0.3173
From Sunrise Transmission System	\$ 0.1372	\$ 0.0000	\$ 0.3173
From Allegheny Valley Connector	\$ 0.4545	\$ 0.3173	\$ 0.3173
Allegheny Valley Connector			
From Mainline System 3/4/	\$ 0.3239	\$ 0.3239	\$ 0.3239
From Sunrise Transmission System 3/	\$ 0.3239	\$ 0.3239	\$ 0.3239
From Allegheny Valley Connector	\$ 0.3239	\$ 0.3239	\$ 0.0000

WINTER (NOVEMBER 1 – MARCH 31) MINIMUM USAGE 1/

Service Provided on	Mainline System	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System	\$ 0.0109	\$ 0.0109	\$ 0.0109
Sunrise Transmission System	\$ 0.0000	\$ 0.0000	\$ 0.0000
Allegheny Valley Connector	\$ 0.0109	\$ 0.0109	\$ 0.0000

BASE (APRIL 1 – OCTOBER 31) MAXIMUM USAGE 1/

Service Provided on	Mainline System 3/ 4/	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System 3/ 4/			
From Mainline System	\$ 0.1466	\$ 0.1466	\$ 0.4639
From Sunrise Transmission System	\$ 0.1466	\$ 0.1466	\$ 0.4639
From Allegheny Valley Connector	\$ 0.4639	\$ 0.4639	\$ 0.3173
Sunrise Transmission System			
From Mainline System 3/ 4/	\$ 0.1372	\$ 0.0000	\$ 0.3173
From Sunrise Transmission System	\$ 0.1372	\$ 0.0000	\$ 0.3173
From Allegheny Valley Connector	\$ 0.4545	\$ 0.3173	\$ 0.3173
Allegheny Valley Connector			
From Mainline System 3/ 4/	\$ 0.3018	\$ 0.3018	\$ 0.3018
From Sunrise Transmission System 3/	\$ 0.3018	\$ 0.3018	\$ 0.3018
From Allegheny Valley Connector	\$ 0.3018	\$ 0.3018	\$ 0.0000

BASE (APRIL 1 – OCTOBER 31) MINIMUM USAGE 1/

Service Provided on	Mainline System	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System			
	\$ 0.0094	\$ 0.0094	\$ 0.0094
Sunrise Transmission System	\$ 0.0000	\$ 0.0000	\$ 0.0000
Allegheny Valley Connector	\$ 0.0094	\$ 0.0094	\$ 0.0000

RATE SCHEDULE STS-1

RATE ZONE	STS-1 USAGE CHARGE 1/ MAXIMUM 3/	MINIMUM
Mainline System	\$ 0.1466	\$ 0.0094

RATE SCHEDULE FTSS

RATE ZONE	FTSS USAGE CHARGE 1/ MAXIMUM	MINIMUM
Allegheny Valley Connector	\$ 0.0000	\$ 0.0000

- 1/ In accordance with Section 6.29 of the General Terms and Conditions, the ACA Surcharge will be applied to Usage, Max. Capacity Rel., and Authorized Overrun delivered volumes.
- 2/ PSC usage rate of \$0.1372 only applies to NOFT service nominated on a point to point basis.
- 3/ Gas transported on the Mainline System under Rate Schedules FTS, EFT, or STS-1 or under an Allegheny Valley Connector Service Agreement to the Mainline or Sunrise Transmission Systems includes the PSC usage rate of \$0.1372.
- 4/ For the usage and authorized overrun rates, Mainline System rates include the Ohio Valley Connector but do not include the Sunrise Transmission System, which are separately stated.

RATE SCHEDULE NOFT

RATE ZONE	NOFT AUTHORIZED OVERRUN 1/ MAXIMUM 2/	MINIMUM
Mainline System		
Winter (November 1 – March 31)	\$ 0.4226	\$ 0.0109
Base (April 1 – October 31)	\$ 0.3925	\$ 0.0094

RATE SCHEDULES FTS and EFT

WINTER (NOVEMBER 1 – MARCH 31) MAXIMUM AUTHORIZED OVERRUN 1/

Service Provided on	Mainline System 3/4/	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System 3/4/			
From Mainline System	\$ 0.3239	\$ 0.3239	\$ 0.6412
From Sunrise Transmission System	\$ 0.3239	\$ 0.3239	\$ 0.6412
From Allegheny Valley Connector	\$ 0.6412	\$ 0.6412	\$ 0.3173
Sunrise Transmission System			
From Mainline System	\$ 0.5558	\$ 0.4186	\$ 0.7359
From Sunrise Transmission System	\$ 0.5558	\$ 0.4186	\$ 0.7359
From Allegheny Valley Connector	\$ 0.8731	\$ 0.7359	\$ 0.3173
Allegheny Valley Connector			
From Mainline System	\$ 0.3239	\$ 0.3239	\$ 0.6412
From Sunrise Transmission System	\$ 0.3239	\$ 0.3239	\$ 0.6412
From Allegheny Valley Connector	\$ 0.6412	\$ 0.6412	\$ 0.3173

WINTER (NOVEMBER 1 – MARCH 31) MINIMUM AUTHORIZED OVERRUN 1/

Service Provided on	Mainline System	Delivered To Sunrise Transmission System	Allegheny Valley Connector
Mainline System	\$ 0.0109	\$ 0.0109	\$ 0.0109
Sunrise Transmission System	\$ 0.0000	\$ 0.0000	\$ 0.0000
Allegheny Valley Connector	\$ 0.0109	\$ 0.0000	\$ 0.0000

Service Provided on	BASE (APRIL 1 – OCTOBER 31) MAXIMUM AUTHORIZED OVERRUN 1/				
	Mainline System 3/ 4/	Delivered To Sunrise Transmission System		Allegheny Valley Connector	
Mainline System 3/ 4/					
From Mainline System	\$ 0.3018	\$ 0.3018	\$ 0.6191		
From Sunrise Transmission System	\$ 0.3018	\$ 0.3018	\$ 0.6191		
From Allegheny Valley Connector	\$ 0.6191	\$ 0.6191	\$ 0.3173		
Sunrise Transmission System					
From Mainline System	\$ 0.5558	\$ 0.4186	\$ 0.7359		
From Sunrise Transmission System	\$ 0.5558	\$ 0.4186	\$ 0.7359		
From Allegheny Valley Connector	\$ 0.8731	\$ 0.7359	\$ 0.3173		
Allegheny Valley Connector					
From Mainline System	\$ 0.3018	\$ 0.3018	\$ 0.6191		
From Sunrise Transmission System	\$ 0.3018	\$ 0.3018	\$ 0.6191		
From Allegheny Valley Connector	\$ 0.6191	\$ 0.6191	\$ 0.3173		

Service Provided on	BASE (APRIL 1 – OCTOBER 31) MINIMUM AUTHORIZED OVERRUN 1/				
	Mainline System	Delivered To Sunrise Transmission System		Allegheny Valley Connector	
Mainline System	\$ 0.0094	\$ 0.0094	\$ 0.0094		
Sunrise Transmission System	\$ 0.0000	\$ 0.0000	\$ 0.0000		
Allegheny Valley Connector	\$ 0.0094	\$ 0.0000	\$ 0.0000		

RATE SCHEDULE STS-1

RATE ZONE	STS-1 AUTHORIZED OVERRUN 1/	
	MAXIMUM 3/	MINIMUM
Mainline System	\$ 0.3018	\$ 0.0000

RATE SCHEDULE FTSS

RATE ZONE	FTSS AUTHORIZED OVERRUN 1/	
	MAXIMUM	MINIMUM
Allegheny Valley Connector	\$ 0.3173	\$ 0.0000

- 1/ In accordance with Section 6.29 of the General Terms and Conditions, the ACA Surcharge will be applied to Usage, Max. Capacity Rel., and Authorized Overrun delivered volumes.
- 2/ PSC usage rate of \$0.1372 only applies to NOFT service nominated on a point to point basis.
- 3/ Gas transported on the Mainline System under Rate Schedules FTS, EFT, or STS-1 includes the PSC usage rate of \$0.1372.
- 4/ For the usage and authorized overrun rates, Mainline System rates include the Ohio Valley Connector but do not include the Sunrise Transmission System, which are separately stated.

RATE SCHEDULE NOFT

RATE ZONE	MAX. CAPACITY REL. VOL. CHARGE 1/ 2/	
Mainline System		
Winter (November 1 – March 31)	\$	0.4226
Base (April 1 – October 31)	\$	0.3925

RATE SCHEDULES FTS and EFT

RATE ZONE	MAX. CAPACITY REL. VOL. CHARGE 1/	
Mainline System 3/ 4/		
Winter (November 1 – March 31)	\$	0.3239
Base (April 1 – October 31) 1/	\$	0.3018
Incremental Rate		
Sunrise Transmission System	\$	0.4186
Allegheny Valley Connector	\$	0.3173

RATE SCHEDULE FTSS

RATE ZONE	MAX. CAPACITY REL. VOL. CHARGE 1/	
Allegheny Valley Connector	\$	0.3173

- 1/ In accordance with Section 6.29 of the General Terms and Conditions, the ACA Surcharge will be applied to Usage, Max. Capacity Rel., and Authorized Overrun delivered volumes.
- 2/ PSC usage rate of \$0.1372 only applies to NOFT service nominated on a point to point basis.
- 3/ Gas transported on the Mainline System under Rate Schedules FTS, EFT, or STS-1 includes the PSC usage rate of \$0.1372.
- 4/ For the Max. Capacity Rel. Vol. Charge, Mainline System rates include the Ohio Valley Connector but do not include the Sunrise Transmission System, which is separately stated.

STATEMENT OF RATES
STORAGE SERVICE RATES (Rates per Dth)

	Base Tariff Rates	Total Rates
<u>RATE SCHEDULE 115SS and 60SS:</u>		
MAINLINE SYSTEM		
Demand Charge		
Maximum	\$1.4949	\$1.4949
Minimum	\$0.0000	\$0.0000
Storage Space Charge		
Maximum	\$0.0262	\$0.0262
Minimum	\$0.0000	\$0.0000
Injection Charge	\$0.0069	\$0.0069
Withdrawal Charge	\$0.0069	\$0.0069
Storage Overrun Charge		
Maximum	\$0.2934	\$0.2934
Minimum	\$0.0069	\$0.0069
Max. Capacity Rel Volumetric Charge	\$0.4998	\$0.4998

RATE SCHEDULE GSS:
ALLEGHENY VALLEY CONNECTOR

Demand Charge		
Maximum	\$2.5941	\$2.5941
Minimum	\$0.0000	\$0.0000
Storage Space Charge		
Maximum	\$0.0447	\$0.0447
Minimum	\$0.0000	\$0.0000
Injection Charge	\$0.0000	\$0.0000
Withdrawal Charge	\$0.0000	\$0.0000
Storage Overrun Charge		
Maximum	\$0.5360	\$0.5360
Minimum	\$0.0000	\$0.0000
Max. Capacity Rel Volumetric Charge	\$1.0721	\$1.0721

	Base Tariff Rates	Total Rates
<u>RATE SCHEDULE INSS:</u>		
MAINLINE SYSTEM		
Storage Space Charge		
Maximum	\$0.0537	\$0.0537
Minimum	\$0.0000	\$0.0000
Injection Charge		
Maximum	\$0.0069	\$0.0069
Minimum	\$0.0069	\$0.0069
Withdrawal Charge		
Maximum	\$0.0069	\$0.0069
Minimum	\$0.0069	\$0.0069
ALLEGHENY VALLEY CONNECTOR		
Storage Space Charge		
Maximum	\$0.0893	\$0.0893
Minimum	\$0.0000	\$0.0000
Injection Charge		
Maximum	\$0.0000	\$0.0000
Minimum	\$0.0000	\$0.0000
Withdrawal Charge		
Maximum	\$0.0000	\$0.0000
Minimum	\$0.0000	\$0.0000
<u>RATE SCHEDULE SS-3:</u>		
MAINLINE SYSTEM		
Demand Charge	\$1.4949	\$1.4949
Storage Space Charge	\$0.0262	\$0.0262
Injection Charge	\$0.0069	\$0.0069
Withdrawal Charge	\$0.0069	\$0.0069
Storage Overrun Charge		
Maximum	\$0.2934	\$0.2934
Minimum	\$0.0069	\$0.0069

Equitrans, L.P.
 FERC Gas Tariff
 First Revised Volume No. 1

Section 4.5.
STATEMENT OF RATES
 Statement of Retainage Factors
 Version 17.0.0

STATEMENT OF RETAINAGE FACTORS

	Retainage Factors
Mainline System (including the Sunrise Transmission System and the Ohio Valley Connector) Retainage Factor 1/	2.72%
Allegheny Valley Connector Transmission Retainage Factor 2/	0.00%
Gathering Retainage Factor 3/ Equitrans Gathering System	9.50%
Mainline Storage Loss Retainage Factor 4/	1.85%
Allegheny Valley Connector Storage Loss Retainage Factor 5/	1.64%

- 1/ Percentage is applied to receipt quantities on Rate Schedules NOFT, FTS, STS-1 and ITS.
- 2/ Applicable to Allegheny Valley Connector FTS, FTSS and ITS Customers.
- 3/ Percentage is applied to receipt quantities under Rate Schedule AGS.
- 4/ Percentage is applied to storage injections into Mainline storage facilities.
- 5/ Percentage is applied to storage injections into Allegheny Valley Connector storage facilities and is subject to True-up as set forth in Section 6.31.

STATEMENT OF RETAINAGE FACTORS

	Retainage Factors
Mainline System (including the Sunrise Transmission System and the Ohio Valley Connector) Retainage Factor 1/	1.72%
Allegheny Valley Connector Transmission Retainage Factor 2/	0.00%
Gathering Retainage Factor 3/ Equitrans Gathering System	9.50%
Mainline Storage Loss Retainage Factor 4/	1.85%
Allegheny Valley Connector Storage Loss Retainage Factor 5/	3.38%

- 1/ Percentage is applied to receipt quantities on Rate Schedules NOFT, FTS, STS-1, EFT and ITS.
- 2/ Applicable to Allegheny Valley Connector FTS, FTSS, EFT and ITS Customers.
- 3/ Percentage is applied to receipt quantities under Rate Schedule AGS.
- 4/ Percentage is applied to storage injections into Mainline storage facilities.
- 5/ Percentage is applied to storage injections into Allegheny Valley Connector storage facilities and is subject to True-up as set forth in Section 6.31.

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	CW2274014-1576	EFT	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Peoples Natural Gas Company, LLC	EQTR17415-774	FTSS	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
EQT Energy, LLC	EQTR19837-1296	FTS	10/1/2019		
	\$8.0437 per MDQ	\$0.0000 per Dth delivered	\$0.2645 per Dth delivered	from Mobley Receipt Point (Meter# 24505) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$11.2614 per MDQ	\$0.0000 per Dth delivered	\$0.3702 per Dth delivered	from Applegate Receipt Point (Meter# 5100080) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (70007D)	
	\$14.4785 per MDQ	\$0.0000 per Dth delivered	\$0.4760 per Dth delivered	from East Side Receipt Point (Meter# TBD) and Pluto Receipt Point (Meter# 24490) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (Meter# 70007D)	

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate		Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	EQTR17416-775	GSS	03/01/2019		
	\$3.6190 per MDWQ	\$0.0842 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0100 per Dth

Customer	Contract Number	Estimated Retainage Rate	Effective Date
Jerry Poling	EQTR10404-515	0.42%	4/1/2019
Mountain V Oil & Gas	EQTR10400-517	0.42%	4/1/2019
Arsenal Resources Energy LLC	CW2239335-510	0.42%	4/1/2019
Arsenal Resources Energy LLC	CW2239579-700	0.42%	4/1/2019
K Petroleum	EQTR25533-1317	0.42%	4/1/2019
EQT Energy LLC	EQTR20242-852	0.20%	9/1/2019
EQT Energy LLC	CW2238636-1441	0.20%	9/1/2019
Dominion Energy Field Services, Inc	EQTR10412-522	0.20%	9/1/2019
Northeast Natural Energy, LLC	EQTR12105-604	0.20%	9/1/2019
Range Resources Appalachia LLC	EQTR25020-1240	0.20%	9/1/2019
EQT Energy LLC	EQTR18237-785	0.20%	9/1/2019
EQT Energy LLC	EQTR19837-1296	0.20%	9/1/2019
Term Energy	EQTR10340-512	0.20%	9/1/2019
XTO Energy Inc.	EQTR17981-695	0.20%	9/1/2019
KIMCO A Partnership	EQTR10342-514	0.20%	9/1/2019
EQT Energy LLC	CW2271044-1537	0.20%	9/1/2019

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	CW2274014-1576	EFT	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Peoples Natural Gas Company, LLC	EQTR17415-774	FTSS	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
EQT Energy, LLC	EQTR19837-1296	FTS	10/1/2019		
	\$8.0437 per MDQ	\$0.0000 per Dth delivered	\$0.2645 per Dth delivered	from Mobley Receipt Point (Meter# 24505) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$11.2614 per MDQ	\$0.0000 per Dth delivered	\$0.3702 per Dth delivered	from Applegate Receipt Point (Meter# 5100080) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (70007D)	
	\$14.4785 per MDQ	\$0.0000 per Dth delivered	\$0.4760 per Dth delivered	from East Side Receipt Point (Meter# TBD) and Pluto Receipt Point (Meter# 24490) to REX Clarington Delivery Point (60062) or Rover Traveler Delivery Point (Meter# 70007D)	
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate		Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	EQTR17416-775	GSS	03/01/2019		
	\$3.6190 per MDWQ	\$0.0842 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0100 per Dth
Customer	Contract Number		Estimated Retainage Rate	Effective Date	
Jerry Poling	EQTR10404-515		0.42%	4/1/2019	
Mountain V Oil & Gas	EQTR10400-517		0.42%	4/1/2019	
K Petroleum	EQTR25533-1317		0.42%	4/1/2019	
EQT Energy LLC	EQTR20242-852		0.20%	9/1/2019	
EQT Energy LLC	CW2238636-1441		0.20%	9/1/2019	
Dominion Energy Field Services, Inc	EQTR10412-522		0.20%	9/1/2019	
Northeast Natural Energy, LLC	EQTR12105-604		0.20%	9/1/2019	
Range Resources Appalachia LLC	EQTR25020-1240		0.20%	9/1/2019	
EQT Energy LLC	EQTR18237-785		0.20%	9/1/2019	
EQT Energy LLC	EQTR19837-1296		0.20%	9/1/2019	
Term Energy	EQTR10340-512		0.20%	9/1/2019	
XTO Energy Inc.	EQTR17981-695		0.20%	9/1/2019	
KIMCO A Partnership	EQTR10342-514		0.20%	9/1/2019	
EQT Energy LLC	CW2271044-1537		0.20%	9/1/2019	

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	CW2274014-1576	EFT	06/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Peoples Natural Gas Company, LLC	EQTR17415-774	FTSS	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	EQTR17416-775	GSS	03/01/2019		
	\$3.6190 per MDWQ	\$0.0842 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0100 per Dth
Customer	Contract Number	Estimated Retainage Rate	Effective Date		
Jerry Poling	EQTR10404-515	0.42%	4/1/2019		
Mountain V Oil & Gas	EQTR10400-517	0.42%	4/1/2019		
K Petroleum	EQTR25533-1317	0.42%	4/1/2019		
EQT Energy LLC	EQTR20242-852	0.20%	9/1/2019		
EQT Energy LLC	CW2238636-1441	0.20%	9/1/2019		
Dominion Energy Field Services, Inc	EQTR10412-522	0.20%	9/1/2019		
Northeast Natural Energy, LLC	EQTR12105-604	0.20%	9/1/2019		
Range Resources Appalachia LLC	EQTR25020-1240	0.20%	9/1/2019		
EQT Energy LLC	EQTR18237-785	0.20%	9/1/2019		
Term Energy	EQTR10340-512	0.20%	9/1/2019		
XTO Energy Inc.	EQTR17981-695	0.20%	9/1/2019		
KIMCO A Partnership	EQTR10342-514	0.20%	9/1/2019		
EQT Energy LLC	CW2271044-1537	0.20%	9/1/2019		

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	1576	EFT	06/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2019		
	\$10.2251 per MDQ	\$0.0000 per Dth delivered	\$0.3362 per Dth delivered		
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2019		
	\$3.6190 per MDWQ	\$0.0842 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0100 per Dth
Customer	Contract Number		Estimated Retainage Rate	Effective Date	
Jerry Poling	515		0.42%	4/1/2019	
Mountain V Oil & Gas	517		0.42%	4/1/2019	
K Petroleum	1317		0.42%	4/1/2019	
EQT Energy LLC	852		0.55%	2/1/2020	
EQT Energy LLC	1441		0.55%	2/1/2020	
Dominion Energy Field Services, Inc	522		0.55%	2/1/2020	
Northeast Natural Energy, LLC	604		0.55%	2/1/2020	
Range Resources Appalachia LLC	1240		0.55%	2/1/2020	
EQT Energy LLC	785		0.55%	2/1/2020	
Term Energy	512		0.55%	2/1/2020	
XTO Energy Inc.	695		0.55%	2/1/2020	
KIMCO A Partnership	514		0.55%	2/1/2020	
EQT Energy LLC	1537		0.55%	2/1/2020	
EQT Energy LLC	1296		0.55%	2/1/2020	
Arsenal Resources Development LLC	510		0.55%	2/1/2020	

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Customer	Contract Number	Rate Schedule	Effective Date		
Peoples Natural Gas Company, LLC	1576	EFT	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2020		
	\$3.8106 per MDWQ	\$0.0886 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0634 per Dth
Customer	Contract Number	Estimated Retainage Rate	Effective Date		
Jerry Poling	515	0.42%	4/1/2019		
Mountain V Oil & Gas	517	0.42%	4/1/2019		
K Petroleum	1317	0.42%	4/1/2019		
EQT Energy LLC	852	0.55%	2/1/2020		
EQT Energy LLC	1441	0.55%	2/1/2020		
Dominion Energy Field Services, Inc	522	0.55%	2/1/2020		
Northeast Natural Energy, LLC	604	0.55%	2/1/2020		
Range Resources Appalachia LLC	1240	0.55%	2/1/2020		
EQT Energy LLC	785	0.55%	2/1/2020		
Term Energy	512	0.55%	2/1/2020		
XTO Energy Inc.	695	0.55%	2/1/2020		
KIMCO A Partnership	514	0.55%	2/1/2020		
EQT Energy LLC	1537	0.55%	2/1/2020		
EQT Energy LLC	1296	0.55%	2/1/2020		
Arsenal Resources Development LLC	510	0.55%	2/1/2020		

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	1576	EFT	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2020		
	\$3.8106 per MDWQ	\$0.0886 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0634 per Dth
Customer	Contract Number		Estimated Retainage Rate	Effective Date	
Jerry Poling	515		0.42%	4/1/2019	
Mountain V Oil & Gas	517		0.42%	4/1/2019	
EQT Energy LLC	852		0.55%	2/1/2020	
EQT Energy LLC	1441		0.55%	2/1/2020	
Dominion Energy Field Services, Inc	522		0.55%	2/1/2020	
Northeast Natural Energy, LLC	604		0.55%	2/1/2020	
Range Resources Appalachia LLC	1240		0.55%	2/1/2020	
EQT Energy LLC	785		0.55%	2/1/2020	
Term Energy	512		0.55%	2/1/2020	
XTO Energy Inc.	695		0.55%	2/1/2020	
KIMCO A Partnership	514		0.55%	2/1/2020	
EQT Energy LLC	1537		0.55%	2/1/2020	
EQT Energy LLC	1296		0.55%	2/1/2020	
Arsenal Resources Development LLC	510		0.55%	2/1/2020	

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	1576	EFT	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
EQT Energy, LLC	1296	FTS	10/1/2020		
	\$8.0483 per MDQ	\$0.0000 per Dth delivered	\$0.2646 per Dth delivered	from Mobley Receipt Point (Meter# 24505) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$11.2660 per MDQ	\$0.0000 per Dth delivered	\$0.3704 per Dth delivered	from McIntosh Receipt Point (Meter# 5259543) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$14.4877 per MDQ	\$0.0000 per Dth delivered	\$0.4763 per Dth delivered	from Taurus Receipt Point (Meter# M5237075), Hopewell Ridge Receipt Point (Meter# 17172), and Pluto Receipt Point (Meter# 24490) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2020		
	\$3.8106 per MDWQ	\$0.0886 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0634 per Dth
Customer	Contract Number	Estimated Retainage Rate	Effective Date		
Jerry Poling	515	0.42%	4/1/2019		
Mountain V Oil & Gas	517	0.42%	4/1/2019		
EQT Energy LLC	852	0.55%	2/1/2020		
EQT Energy LLC	1441	0.55%	2/1/2020		
Dominion Energy Field Services, Inc	522	0.55%	2/1/2020		
Northeast Natural Energy, LLC	604	0.55%	2/1/2020		
Range Resources Appalachia LLC	1240	0.55%	2/1/2020		
EQT Energy LLC	785	0.55%	2/1/2020		
Term Energy	512	0.55%	2/1/2020		
XTO Energy Inc.	695	0.55%	2/1/2020		
KIMCO A Partnership	514	0.55%	2/1/2020		
EQT Energy LLC	1537	0.55%	2/1/2020		
EQT Energy LLC	1296	0.55%	2/1/2020		
Arsenal Resources Development LLC	510	0.55%	2/1/2020		

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	1576	EFT	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
EQT Energy, LLC	1296	FTS	10/1/2020		
	\$8.0483 per MDQ	\$0.0000 per Dth delivered	\$0.2646 per Dth delivered	from Mobley Receipt Point (Meter# 24505) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$11.2660 per MDQ	\$0.0000 per Dth delivered	\$0.3704 per Dth delivered	from McIntosh Receipt Point (Meter# 5259543) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$14.4877 per MDQ	\$0.0000 per Dth delivered	\$0.4763 per Dth delivered	from Taurus Receipt Point (Meter# M5237075), Hopewell Ridge Receipt Point (Meter# 17172), and Pluto Receipt Point (Meter# 24490) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2020		
	\$3.8106 per MDWQ	\$0.0886 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0634 per Dth
Customer	Contract Number		Estimated Retainage Rate	Effective Date	
Jerry Poling	515		0.42%	4/1/2019	
Mountain V Oil & Gas	517		0.42%	4/1/2019	
EQT Energy LLC	852		0.55%	2/1/2020	
EQT Energy LLC	1441		0.55%	2/1/2020	
Dominion Energy Field Services, Inc	522		0.55%	2/1/2020	
Northeast Natural Energy, LLC	604		0.55%	2/1/2020	
Range Resources Appalachia LLC	1240		0.55%	2/1/2020	
EQT Energy LLC	785		0.55%	2/1/2020	
Term Energy	512		0.55%	2/1/2020	
KIMCO A Partnership	514		0.55%	2/1/2020	
EQT Energy LLC	1537		0.55%	2/1/2020	
EQT Energy LLC	1296		0.55%	2/1/2020	
Arsenal Resources Development LLC	510		0.55%	2/1/2020	

FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Reservation Rate	Usage Rate	Authorized Overrun Rate		
Peoples Natural Gas Company, LLC	1576	EFT	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
Peoples Natural Gas Company, LLC	774	FTSS	03/01/2020		
	\$10.3172 per MDQ	\$0.0000 per Dth delivered	\$0.3392 per Dth delivered		
EQT Energy, LLC	1296	FTS	10/1/2020		
	\$8.0483 per MDQ	\$0.0000 per Dth delivered	\$0.2646 per Dth delivered	from Mobley Receipt Point (Meter# 24505) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$11.2660 per MDQ	\$0.0000 per Dth delivered	\$0.3704 per Dth delivered	from McIntosh Receipt Point (Meter# 5259543) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
	\$14.4877 per MDQ	\$0.0000 per Dth delivered	\$0.4763 per Dth delivered	from Taurus Receipt Point (Meter# M5237075), Hopewell Ridge Receipt Point (Meter# 17172), and Pluto Receipt Point (Meter# 24490) to REX Isaly Delivery Point (Meter# 60062D) or Rover Traveler Delivery Point (Meter# 70007D)	
Customer	Contract Number	Rate Schedule	Effective Date		
	Monthly Demand Reservation Rate	Monthly Storage Space Reservation Rate	Injection Charge	Withdrawal Charge	Storage Authorized Overrun Charge
Peoples Natural Gas Company, LLC	775	GSS	03/01/2020		
	\$3.8106 per MDWQ	\$0.0886 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0634 per Dth
Customer	Contract Number		Estimated Retainage Rate	Effective Date	
Mountain V Oil & Gas	517		0.42%	4/1/2019	
EQT Energy LLC	852		0.55%	2/1/2020	
EQT Energy LLC	1441		0.55%	2/1/2020	
Northeast Natural Energy, LLC	604		0.55%	2/1/2020	
Range Resources Appalachia LLC	1240		0.55%	2/1/2020	
EQT Energy LLC	785		0.55%	2/1/2020	
EQT Energy LLC	1537		0.55%	2/1/2020	
EQT Energy LLC	1296		0.55%	2/1/2020	
Arsenal Resources Development LLC	510		0.55%	2/1/2020	

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.290	0.058	0.089	0.474	6.814	0.2240
Commodity								
Maximum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Overrun								
Maximum	¢	20.45	1.11	0.63	0.29	1.56	24.04	24.04
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	.1.64

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.290	0.058	0.089	0.790	7.130	0.2344
Commodity								
Maximum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Overrun								
Maximum	¢	20.45	1.11	0.63	0.29	2.60	25.08	25.08
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.290	0.084	0.089	0.790	7.156	0.2353
Commodity								
Maximum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Overrun								
Maximum	¢	20.45	1.11	0.89	0.29	2.60	25.34	25.34
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.295	0.084	0.089	0.790	7.161	0.2355
Commodity								
Maximum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Overrun								
Maximum	¢	20.45	1.13	0.89	0.29	2.60	25.36	25.36
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.295	0.084	0.039	0.790	7.111	0.2339
Commodity								
Maximum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81
Overrun								
Maximum	¢	20.45	1.13	0.89	0.13	2.60	25.20	25.20
Minimum	¢	1.04	0.16	0.61	0.00	0.00	1.81	1.81

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	\$	5.903	0.235	0.084	0.048	0.790	7.060	0.2322
Commodity								
Maximum	¢	1.04	0.17	0.61	0.00	0.00	1.82	1.82
Minimum	¢	1.04	0.17	0.61	0.00	0.00	1.82	1.82
Overrun								
Maximum	¢	20.45	0.94	0.89	0.16	2.60	25.04	25.04
Minimum	¢	1.04	0.17	0.61	0.00	0.00	1.82	1.82

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.290	0.058	0.089	0.474	6.654	0.2187
Maximum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Overrun 4/								
Maximum	¢	19.90	1.11	0.63	0.29	1.56	23.49	23.49
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.290	0.058	0.089	0.790	6.970	0.2291
Maximum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Overrun 4/								
Maximum	¢	19.90	1.11	0.63	0.29	2.60	24.53	24.53
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.290	0.084	0.089	0.790	6.996	0.2300
Maximum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Overrun 4/								
Maximum	¢	19.90	1.11	0.89	0.29	2.60	24.79	24.79
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.295	0.084	0.089	0.790	7.001	0.2302
Maximum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Overrun 4/ Maximum	¢	19.90	1.13	0.89	0.29	2.60	24.81	24.81
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.295	0.084	0.039	0.790	6.951	0.2286
Maximum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79
Overrun 4/ Maximum	¢	19.90	1.13	0.89	0.13	2.60	24.65	24.65
Minimum	¢	1.02	0.16	0.61	0.00	0.00	1.79	1.79

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	5.743	0.235	0.084	0.048	0.790	6.900	0.2269
Maximum	¢	1.02	0.17	0.61	0.00	0.00	1.80	1.80
Minimum	¢	1.02	0.17	0.61	0.00	0.00	1.80	1.80
Overrun 4/ Maximum	¢	19.90	0.94	0.89	0.16	2.60	24.49	24.49
Minimum	¢	1.02	0.17	0.61	0.00	0.00	1.80	1.80

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

	Base Tariff Rate 1/	Transportation Cost Rate Adjustment		Electric Power Costs Adjustment		Annual Charge 2/	Total Effective Rate	Daily Rate
		Current	Surcharge	Current	Surcharge			
Rate Schedule FSS								
Reservation Charge 3/	\$ 1.501	-	-	-	-	-	1.501	0.0493
Capacity 3/	¢ 2.88	-	-	-	-	-	2.88	2.88
Injection	¢ 1.53	-	-	-	-	-	1.53	1.53
Withdrawal	¢ 1.53	-	-	-	-	-	1.53	1.53
Overrun 3/	¢ 10.87	-	-	-	-	-	10.87	10.87

1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.

2/ ACA assessed where applicable pursuant to Section 154.402 of the Commission's Regulations.

3/ Shippers utilizing the Eastern Market Expansion (EME) facilities for FSS service will pay a total FSS MDSQ reservation charge of \$4.130 and a total FSS SCQ capacity rate of 6.80 cents. If EME customers incur an overrun for FSS services that is provided under their EME Project service agreements, they will pay a total FSS overrun rate of 23.44 cents. The additional EME demand charges and EME overrun charges can be added to the applicable surcharges above to develop the EME Total Effective Rate.

RETAINAGE PERCENTAGES

Transportation Retainage	1.492%
Gathering Retainage	5.000%
Storage Gas Loss Retainage	0.350%
Ohio Storage Gas Loss Retainage	0.470%
Columbia Processing Retainage 1/	0.000%

1/ The Columbia Processing Retainage shall be assessed separately from the processing retainage applicable to third party processing plants set forth in Section 25.3 (f) of the General Terms and Conditions.

RETAINAGE PERCENTAGES

Transportation Retainage	1.686%
Gathering Retainage	5.500%
Storage Gas Loss Retainage	0.490%
Ohio Storage Gas Loss Retainage	1.220%
Columbia Processing Retainage 1/	0.000%

1/ The Columbia Processing Retainage shall be assessed separately from the processing retainage applicable to third party processing plants set forth in Section 25.3 (f) of the General Terms and Conditions.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	8.3260	0.0000	0.2737	0.0000
WLA-AAB	4.3840	0.0000	0.1441	0.0000
ELA-AAB	2.9600	0.0000	0.0973	0.0000
ETX-AAB	3.0590	0.0000	0.1006	0.0000
STX-STX	5.7750	0.0000	0.1899	0.0000
STX-WLA	7.2000	0.0000	0.2367	0.0000
STX-ELA	8.3470	0.0000	0.2744	0.0000
STX-ETX	8.3480	0.0000	0.2745	0.0000
WLA-WLA	3.2580	0.0000	0.1072	0.0000
WLA-ELA	4.4060	0.0000	0.1449	0.0000
WLA-ETX	4.4060	0.0000	0.1449	0.0000
ELA-ELA	2.9820	0.0000	0.0980	0.0000
ETX-ETX	3.0810	0.0000	0.1013	0.0000
ETX-ELA	2.9820	0.0000	0.0980	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.8030	0.0000	0.1250	0.0000
M1-M2	8.5230	0.0000	0.2802	0.0000
M1-M3	15.3230	0.0000	0.5038	0.0000
M2-M2	6.5660	0.0000	0.2159	0.0000
M2-M3	13.3530	0.0000	0.4390	0.0000
M3-M3	8.6330	0.0000	0.2838	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth					
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0093	0.0104	0.0143	0.0143	0.0300	0.0589	0.0990
from WLA	0.0104	0.0055	0.0102	0.0102	0.0259	0.0548	0.0949
from ELA	0.0143	0.0102	0.0090	0.0090	0.0247	0.0536	0.0937
from ETX	0.0143	0.0102	0.0090	0.0090	0.0247	0.0536	0.0937
from M1	0.0300	0.0259	0.0247	0.0247	0.0157	0.0446	0.0847
from M2	0.0589	0.0548	0.0536	0.0536	0.0446	0.0324	0.0714
from M3	0.0990	0.0949	0.0937	0.0937	0.0847	0.0714	0.0423
USAGE-1 - MINIMUM							
from STX	0.0080	0.0091	0.0130	0.0130	0.0274	0.0564	0.0964
from WLA	0.0091	0.0043	0.0090	0.0090	0.0234	0.0524	0.0924
from ELA	0.0130	0.0090	0.0078	0.0078	0.0222	0.0512	0.0912
from ETX	0.0130	0.0090	0.0078	0.0078	0.0222	0.0512	0.0912
from M1	0.0274	0.0234	0.0222	0.0222	0.0144	0.0434	0.0834
from M2	0.0564	0.0524	0.0512	0.0512	0.0434	0.0311	0.0701
from M3	0.0964	0.0924	0.0912	0.0912	0.0834	0.0701	0.0411
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0052						
from WLA		0.0027					
from ELA			0.0050				
from ETX				0.0050			
from M1					0.0214	0.0124	
from M2					0.0475	0.0384	0.0274
from M3							0.0620
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0039						
from WLA		0.0015					
from ELA			0.0038				
from ETX				0.0038			
from M1					0.0189	0.0111	
from M2					0.0450	0.0372	0.0261
from M3							0.0607
USAGE-2	0.1910	0.1910	0.1910	0.1910	0.3317	0.5158	0.7795

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	8.3320	0.0000	0.2739	0.0000
WLA-AAB	4.3870	0.0000	0.1442	0.0000
ELA-AAB	2.9610	0.0000	0.0974	0.0000
ETX-AAB	3.0600	0.0000	0.1006	0.0000
STX-STX	5.7790	0.0000	0.1900	0.0000
STX-WLA	7.2050	0.0000	0.2368	0.0000
STX-ELA	8.3540	0.0000	0.2747	0.0000
STX-ETX	8.3540	0.0000	0.2747	0.0000
WLA-WLA	3.2590	0.0000	0.1072	0.0000
WLA-ELA	4.4090	0.0000	0.1450	0.0000
WLA-ETX	4.4060	0.0000	0.1449	0.0000
ELA-ELA	2.9830	0.0000	0.0981	0.0000
ETX-ETX	3.0820	0.0000	0.1013	0.0000
ETX-ELA	2.9830	0.0000	0.0981	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.7740	0.0000	0.1241	0.0000
M1-M2	8.4330	0.0000	0.2773	0.0000
M1-M3	15.1860	0.0000	0.4993	0.0000
M2-M2	6.5050	0.0000	0.2139	0.0000
M2-M3	13.2440	0.0000	0.4354	0.0000
M3-M3	8.5850	0.0000	0.2822	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth				
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0093	0.0104	0.0143	0.0143	0.0278	0.0520	0.0874
from WLA	0.0104	0.0055	0.0102	0.0102	0.0237	0.0479	0.0833
from ELA	0.0143	0.0102	0.0090	0.0090	0.0225	0.0467	0.0821
from ETX	0.0143	0.0102	0.0090	0.0090	0.0225	0.0467	0.0821
from M1	0.0278	0.0237	0.0225	0.0225	0.0135	0.0377	0.0731
from M2	0.0520	0.0479	0.0467	0.0467	0.0377	0.0276	0.0620
from M3	0.0874	0.0833	0.0821	0.0821	0.0731	0.0620	0.0377
USAGE-1 - MINIMUM							
from STX	0.0080	0.0091	0.0130	0.0130	0.0252	0.0495	0.0848
from WLA	0.0091	0.0043	0.0090	0.0090	0.0212	0.0455	0.0808
from ELA	0.0130	0.0090	0.0078	0.0078	0.0200	0.0443	0.0796
from ETX	0.0130	0.0090	0.0078	0.0078	0.0200	0.0443	0.0796
from M1	0.0252	0.0212	0.0200	0.0200	0.0122	0.0365	0.0718
from M2	0.0495	0.0455	0.0443	0.0443	0.0365	0.0263	0.0607
from M3	0.0848	0.0808	0.0796	0.0796	0.0718	0.0607	0.0365
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0052						
from WLA		0.0027					
from ELA			0.0050				
from ETX				0.0050			
from M1					0.0192	0.0102	
from M2						0.0406	0.0226
from M3							0.0526
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0039						
from WLA		0.0015					
from ELA			0.0038				
from ETX				0.0038			
from M1					0.0167	0.0089	
from M2						0.0381	0.0213
from M3							0.0513
USAGE-2	0.1911	0.1911	0.1911	0.1911	0.3287	0.5061	0.7635

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1530	0.0000	0.2352	0.0000
WLA-AAB	3.8370	0.0000	0.1262	0.0000
ELA-AAB	2.6410	0.0000	0.0868	0.0000
ETX-AAB	2.7230	0.0000	0.0895	0.0000
STX-STX	5.0000	0.0000	0.1644	0.0000
STX-WLA	6.1960	0.0000	0.2037	0.0000
STX-ELA	7.1620	0.0000	0.2354	0.0000
STX-ETX	7.1620	0.0000	0.2354	0.0000
WLA-WLA	2.8820	0.0000	0.0948	0.0000
WLA-ELA	3.8460	0.0000	0.1265	0.0000
WLA-ETX	3.8460	0.0000	0.1265	0.0000
ELA-ELA	2.6500	0.0000	0.0871	0.0000
ETX-ETX	2.7320	0.0000	0.0898	0.0000
ETX-ELA	2.6500	0.0000	0.0871	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2570	0.0000	0.1071	0.0000
M1-M2	7.0020	0.0000	0.2302	0.0000
M1-M3	12.2680	0.0000	0.4033	0.0000
M2-M2	5.4290	0.0000	0.1785	0.0000
M2-M3	10.6950	0.0000	0.3516	0.0000
M3-M3	6.9520	0.0000	0.2286	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth					
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0103	0.0116	0.0179	0.0179	0.0372	0.0719	0.1033
from WLA	0.0116	0.0057	0.0123	0.0123	0.0316	0.0663	0.0977
from ELA	0.0179	0.0123	0.0101	0.0101	0.0294	0.0641	0.0955
from ETX	0.0179	0.0123	0.0101	0.0101	0.0294	0.0641	0.0955
from M1	0.0372	0.0316	0.0294	0.0294	0.0193	0.0540	0.0854
from M2	0.0719	0.0663	0.0641	0.0641	0.0540	0.0379	0.0688
from M3	0.1033	0.0977	0.0955	0.0955	0.0854	0.0688	0.0340
USAGE-1 - MINIMUM							
from STX	0.0085	0.0098	0.0161	0.0161	0.0336	0.0682	0.0996
from WLA	0.0098	0.0039	0.0105	0.0105	0.0280	0.0626	0.0940
from ELA	0.0161	0.0105	0.0083	0.0083	0.0258	0.0604	0.0918
from ETX	0.0161	0.0105	0.0083	0.0083	0.0258	0.0604	0.0918
from M1	0.0336	0.0280	0.0258	0.0258	0.0175	0.0521	0.0835
from M2	0.0682	0.0626	0.0604	0.0604	0.0521	0.0360	0.0670
from M3	0.0996	0.0940	0.0918	0.0918	0.0835	0.0670	0.0322
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0275	0.0174	
from M2						0.0509	0.0354
from M3							0.0654
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0239	0.0156	
from M2						0.0490	0.0335
from M3							0.0636
USAGE-2	0.1709	0.1709	0.1709	0.1709	0.2973	0.4551	0.6596

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1540	0.0000	0.2352	0.0000
WLA-AAB	3.8370	0.0000	0.1262	0.0000
ELA-AAB	2.6410	0.0000	0.0868	0.0000
ETX-AAB	2.7230	0.0000	0.0895	0.0000
STX-STX	5.0010	0.0000	0.1644	0.0000
STX-WLA	6.1980	0.0000	0.2037	0.0000
STX-ELA	7.1620	0.0000	0.2354	0.0000
STX-ETX	7.1630	0.0000	0.2354	0.0000
WLA-WLA	2.8820	0.0000	0.0948	0.0000
WLA-ELA	3.8460	0.0000	0.1265	0.0000
WLA-ETX	3.8460	0.0000	0.1265	0.0000
ELA-ELA	2.6500	0.0000	0.0871	0.0000
ETX-ETX	2.7320	0.0000	0.0898	0.0000
ETX-ELA	2.6500	0.0000	0.0871	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2670	0.0000	0.1074	0.0000
M1-M2	7.0560	0.0000	0.2320	0.0000
M1-M3	12.4870	0.0000	0.4105	0.0000
M2-M2	5.4740	0.0000	0.1800	0.0000
M2-M3	10.9040	0.0000	0.3585	0.0000
M3-M3	7.1160	0.0000	0.2340	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth				
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0103	0.0116	0.0179	0.0179	0.0343	0.0654	0.1068
from WLA	0.0116	0.0057	0.0123	0.0123	0.0287	0.0598	0.1012
from ELA	0.0179	0.0123	0.0101	0.0101	0.0265	0.0576	0.0990
from ETX	0.0179	0.0123	0.0101	0.0101	0.0265	0.0576	0.0990
from M1	0.0343	0.0287	0.0265	0.0265	0.0164	0.0475	0.0889
from M2	0.0654	0.0598	0.0576	0.0576	0.0475	0.0343	0.0752
from M3	0.1068	0.1012	0.0990	0.0990	0.0889	0.0752	0.0440
USAGE-1 - MINIMUM							
from STX	0.0085	0.0098	0.0161	0.0161	0.0307	0.0617	0.1031
from WLA	0.0098	0.0039	0.0105	0.0105	0.0251	0.0561	0.0975
from ELA	0.0161	0.0105	0.0083	0.0083	0.0229	0.0539	0.0953
from ETX	0.0161	0.0105	0.0083	0.0083	0.0229	0.0539	0.0953
from M1	0.0307	0.0251	0.0229	0.0229	0.0146	0.0456	0.0870
from M2	0.0617	0.0561	0.0539	0.0539	0.0456	0.0324	0.0734
from M3	0.1031	0.0975	0.0953	0.0953	0.0870	0.0734	0.0422
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0246	0.0145	
from M2						0.0444	0.0318
from M3							0.0718
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0210	0.0127	
from M2						0.0425	0.0299
from M3							0.0700
							0.0401
USAGE-2	0.1709	0.1709	0.1709	0.1709	0.2947	0.4504	0.6703

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1540	0.0000	0.2352	0.0000
WLA-AAB	3.8370	0.0000	0.1262	0.0000
ELA-AAB	2.6410	0.0000	0.0868	0.0000
ETX-AAB	2.7230	0.0000	0.0895	0.0000
STX-STX	5.0010	0.0000	0.1644	0.0000
STX-WLA	6.1980	0.0000	0.2037	0.0000
STX-ELA	7.1620	0.0000	0.2354	0.0000
STX-ETX	7.1630	0.0000	0.2354	0.0000
WLA-WLA	2.8820	0.0000	0.0948	0.0000
WLA-ELA	3.8460	0.0000	0.1265	0.0000
WLA-ETX	3.8460	0.0000	0.1265	0.0000
ELA-ELA	2.6500	0.0000	0.0871	0.0000
ETX-ETX	2.7320	0.0000	0.0898	0.0000
ETX-ELA	2.6500	0.0000	0.0871	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2670	0.0000	0.1074	0.0000
M1-M2	7.0560	0.0000	0.2320	0.0000
M1-M3	12.4870	0.0000	0.4105	0.0000
M2-M2	5.4740	0.0000	0.1800	0.0000
M2-M3	10.9040	0.0000	0.3585	0.0000
M3-M3	7.1160	0.0000	0.2340	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth				
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0103	0.0116	0.0179	0.0179	0.0343	0.0654	0.1068
from WLA	0.0116	0.0057	0.0123	0.0123	0.0287	0.0598	0.1012
from ELA	0.0179	0.0123	0.0101	0.0101	0.0265	0.0576	0.0990
from ETX	0.0179	0.0123	0.0101	0.0101	0.0265	0.0576	0.0990
from M1	0.0343	0.0287	0.0265	0.0265	0.0164	0.0475	0.0889
from M2	0.0654	0.0598	0.0576	0.0576	0.0475	0.0343	0.0752
from M3	0.1068	0.1012	0.0990	0.0990	0.0889	0.0752	0.0440
USAGE-1 - MINIMUM							
from STX	0.0085	0.0098	0.0161	0.0161	0.0307	0.0617	0.1031
from WLA	0.0098	0.0039	0.0105	0.0105	0.0251	0.0561	0.0975
from ELA	0.0161	0.0105	0.0083	0.0083	0.0229	0.0539	0.0953
from ETX	0.0161	0.0105	0.0083	0.0083	0.0229	0.0539	0.0953
from M1	0.0307	0.0251	0.0229	0.0229	0.0146	0.0456	0.0870
from M2	0.0617	0.0561	0.0539	0.0539	0.0456	0.0324	0.0734
from M3	0.1031	0.0975	0.0953	0.0953	0.0870	0.0734	0.0422
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0246	0.0145	
from M2						0.0444	0.0318
from M3							0.0718
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0210	0.0127	
from M2						0.0425	0.0299
from M3							0.0700
							0.0401
USAGE-2	0.1709	0.1709	0.1709	0.1709	0.2947	0.4504	0.6703

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT \$/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	7.1540	0.0000	0.2352	0.0000
WLA-AAB	3.8370	0.0000	0.1262	0.0000
ELA-AAB	2.6410	0.0000	0.0868	0.0000
ETX-AAB	2.7230	0.0000	0.0895	0.0000
STX-STX	5.0140	0.0000	0.1648	0.0000
STX-WLA	6.2110	0.0000	0.2041	0.0000
STX-ELA	7.1750	0.0000	0.2358	0.0000
STX-ETX	7.1760	0.0000	0.2358	0.0000
WLA-WLA	2.8950	0.0000	0.0952	0.0000
WLA-ELA	3.8590	0.0000	0.1270	0.0000
WLA-ETX	3.8590	0.0000	0.1270	0.0000
ELA-ELA	2.6630	0.0000	0.0876	0.0000
ETX-ETX	2.7450	0.0000	0.0903	0.0000
ETX-ELA	2.6630	0.0000	0.0876	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2800	0.0000	0.1078	0.0000
M1-M2	7.0760	0.0000	0.2326	0.0000
M1-M3	12.5220	0.0000	0.4117	0.0000
M2-M2	5.4940	0.0000	0.1806	0.0000
M2-M3	10.9390	0.0000	0.3596	0.0000
M3-M3	7.1440	0.0000	0.2349	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0124	0.0140	0.0204	0.0204	0.0382	0.0710	0.1166
from WLA	0.0140	0.0070	0.0142	0.0142	0.0320	0.0648	0.1104
from ELA	0.0204	0.0142	0.0121	0.0121	0.0299	0.0627	0.1083
from ETX	0.0204	0.0142	0.0121	0.0121	0.0299	0.0627	0.1083
from M1	0.0382	0.0320	0.0299	0.0299	0.0178	0.0506	0.0962
from M2	0.0710	0.0648	0.0627	0.0627	0.0506	0.0368	0.0812
from M3	0.1166	0.1104	0.1083	0.1083	0.0962	0.0812	0.0484
USAGE-1 - MINIMUM							
from STX	0.0106	0.0122	0.0186	0.0186	0.0346	0.0673	0.1129
from WLA	0.0122	0.0052	0.0124	0.0124	0.0284	0.0611	0.1067
from ELA	0.0186	0.0124	0.0103	0.0103	0.0263	0.0590	0.1046
from ETX	0.0186	0.0124	0.0103	0.0103	0.0263	0.0590	0.1046
from M1	0.0346	0.0284	0.0263	0.0263	0.0160	0.0487	0.0943
from M2	0.0673	0.0611	0.0590	0.0590	0.0487	0.0349	0.0794
from M3	0.1129	0.1067	0.1046	0.1046	0.0943	0.0794	0.0466
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0266	0.0145	
from M2						0.0444	0.0318
from M3							0.0718
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0230	0.0127	
from M2						0.0425	0.0299
from M3							0.0700
							0.0401
USAGE-2	0.1735	0.1735	0.1735	0.1735	0.2991	0.4567	0.6814

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1600	0.0000	0.2354	0.0000
WLA-AAB	3.8400	0.0000	0.1263	0.0000
ELA-AAB	2.6420	0.0000	0.0869	0.0000
ETX-AAB	2.7240	0.0000	0.0896	0.0000
STX-STX	5.0180	0.0000	0.1650	0.0000
STX-WLA	6.2160	0.0000	0.2043	0.0000
STX-ELA	7.1820	0.0000	0.2360	0.0000
STX-ETX	7.1820	0.0000	0.2360	0.0000
WLA-WLA	2.8960	0.0000	0.0953	0.0000
WLA-ELA	3.8620	0.0000	0.1271	0.0000
WLA-ETX	3.8590	0.0000	0.1270	0.0000
ELA-ELA	2.6640	0.0000	0.0876	0.0000
ETX-ETX	2.7460	0.0000	0.0903	0.0000
ETX-ELA	2.6640	0.0000	0.0876	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2510	0.0000	0.1069	0.0000
M1-M2	6.9860	0.0000	0.2297	0.0000
M1-M3	12.3850	0.0000	0.4072	0.0000
M2-M2	5.4330	0.0000	0.1786	0.0000
M2-M3	10.8300	0.0000	0.3561	0.0000
M3-M3	7.0960	0.0000	0.2333	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth						
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0124	0.0140	0.0204	0.0204	0.0360	0.0641	0.1050
from WLA	0.0140	0.0070	0.0142	0.0142	0.0298	0.0579	0.0988
from ELA	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from ETX	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from M1	0.0360	0.0298	0.0277	0.0277	0.0156	0.0437	0.0846
from M2	0.0641	0.0579	0.0558	0.0558	0.0437	0.0320	0.0718
from M3	0.1050	0.0988	0.0967	0.0967	0.0846	0.0718	0.0438
USAGE-1 - MINIMUM							
from STX	0.0106	0.0122	0.0186	0.0186	0.0324	0.0604	0.1013
from WLA	0.0122	0.0052	0.0124	0.0124	0.0262	0.0542	0.0951
from ELA	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from ETX	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from M1	0.0324	0.0262	0.0241	0.0241	0.0138	0.0418	0.0827
from M2	0.0604	0.0542	0.0521	0.0521	0.0418	0.0301	0.0700
from M3	0.1013	0.0951	0.0930	0.0930	0.0827	0.0700	0.0420
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0244	0.0123	
from M2						0.0375	0.0270
from M3							0.0624
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0208	0.0105	
from M2						0.0356	0.0251
from M3							0.0606
USAGE-2	0.1736	0.1736	0.1736	0.1736	0.2961	0.4470	0.6654

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1600	0.0000	0.2354	0.0000
WLA-AAB	3.8400	0.0000	0.1263	0.0000
ELA-AAB	2.6420	0.0000	0.0869	0.0000
ETX-AAB	2.7240	0.0000	0.0896	0.0000
STX-STX	5.0180	0.0000	0.1650	0.0000
STX-WLA	6.2160	0.0000	0.2043	0.0000
STX-ELA	7.1820	0.0000	0.2360	0.0000
STX-ETX	7.1820	0.0000	0.2360	0.0000
WLA-WLA	2.8960	0.0000	0.0953	0.0000
WLA-ELA	3.8620	0.0000	0.1271	0.0000
WLA-ETX	3.8590	0.0000	0.1270	0.0000
ELA-ELA	2.6640	0.0000	0.0876	0.0000
ETX-ETX	2.7460	0.0000	0.0903	0.0000
ETX-ELA	2.6640	0.0000	0.0876	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2510	0.0000	0.1069	0.0000
M1-M2	6.9860	0.0000	0.2297	0.0000
M1-M3	12.3850	0.0000	0.4072	0.0000
M2-M2	5.4330	0.0000	0.1786	0.0000
M2-M3	10.8300	0.0000	0.3561	0.0000
M3-M3	7.0960	0.0000	0.2333	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth					
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0124	0.0140	0.0204	0.0204	0.0360	0.0641	0.1050
from WLA	0.0140	0.0070	0.0142	0.0142	0.0298	0.0579	0.0988
from ELA	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from ETX	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from M1	0.0360	0.0298	0.0277	0.0277	0.0156	0.0437	0.0846
from M2	0.0641	0.0579	0.0558	0.0558	0.0437	0.0320	0.0718
from M3	0.1050	0.0988	0.0967	0.0967	0.0846	0.0718	0.0438
USAGE-1 - MINIMUM							
from STX	0.0106	0.0122	0.0186	0.0186	0.0324	0.0604	0.1013
from WLA	0.0122	0.0052	0.0124	0.0124	0.0262	0.0542	0.0951
from ELA	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from ETX	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from M1	0.0324	0.0262	0.0241	0.0241	0.0138	0.0418	0.0827
from M2	0.0604	0.0542	0.0521	0.0521	0.0418	0.0301	0.0700
from M3	0.1013	0.0951	0.0930	0.0930	0.0827	0.0700	0.0420
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0244	0.0123	
from M2						0.0375	0.0270
from M3							0.0624
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0208	0.0105	
from M2						0.0356	0.0251
from M3							0.0606
USAGE-2	0.1736	0.1736	0.1736	0.1736	0.2961	0.4470	0.6654

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT \$/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	7.1600	0.0000	0.2354	0.0000
WLA-AAB	3.8400	0.0000	0.1263	0.0000
ELA-AAB	2.6420	0.0000	0.0869	0.0000
ETX-AAB	2.7240	0.0000	0.0896	0.0000
STX-STX	5.0180	0.0000	0.1650	0.0000
STX-WLA	6.2160	0.0000	0.2043	0.0000
STX-ELA	7.1820	0.0000	0.2360	0.0000
STX-ETX	7.1820	0.0000	0.2360	0.0000
WLA-WLA	2.8960	0.0000	0.0953	0.0000
WLA-ELA	3.8620	0.0000	0.1271	0.0000
WLA-ETX	3.8590	0.0000	0.1270	0.0000
ELA-ELA	2.6640	0.0000	0.0876	0.0000
ETX-ETX	2.7460	0.0000	0.0903	0.0000
ETX-ELA	2.6640	0.0000	0.0876	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2510	0.0000	0.1069	0.0000
M1-M2	6.9860	0.0000	0.2297	0.0000
M1-M3	12.3850	0.0000	0.4072	0.0000
M2-M2	5.4330	0.0000	0.1786	0.0000
M2-M3	10.8300	0.0000	0.3561	0.0000
M3-M3	7.0960	0.0000	0.2333	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0124	0.0140	0.0204	0.0204	0.0360	0.0641	0.1050
from WLA	0.0140	0.0070	0.0142	0.0142	0.0298	0.0579	0.0988
from ELA	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from ETX	0.0204	0.0142	0.0121	0.0121	0.0277	0.0558	0.0967
from M1	0.0360	0.0298	0.0277	0.0277	0.0156	0.0437	0.0846
from M2	0.0641	0.0579	0.0558	0.0558	0.0437	0.0320	0.0718
from M3	0.1050	0.0988	0.0967	0.0967	0.0846	0.0718	0.0438
USAGE-1 - MINIMUM							
from STX	0.0106	0.0122	0.0186	0.0186	0.0324	0.0604	0.1013
from WLA	0.0122	0.0052	0.0124	0.0124	0.0262	0.0542	0.0951
from ELA	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from ETX	0.0186	0.0124	0.0103	0.0103	0.0241	0.0521	0.0930
from M1	0.0324	0.0262	0.0241	0.0241	0.0138	0.0418	0.0827
from M2	0.0604	0.0542	0.0521	0.0521	0.0418	0.0301	0.0700
from M3	0.1013	0.0951	0.0930	0.0930	0.0827	0.0700	0.0420
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0083						
from WLA		0.0042					
from ELA			0.0081				
from ETX				0.0081			
from M1					0.0244	0.0123	
from M2						0.0375	0.0270
from M3							0.0624
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0065						
from WLA		0.0024					
from ELA			0.0063				
from ETX				0.0063			
from M1					0.0208	0.0105	
from M2						0.0356	0.0251
from M3							0.0606
USAGE-2	0.1736	0.1736	0.1736	0.1736	0.2961	0.4470	0.6654

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

ACCESS AREA	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
STX-AAB	7.1690	0.0000	0.2357	0.0000
WLA-AAB	3.8430	0.0000	0.1263	0.0000
ELA-AAB	2.6430	0.0000	0.0869	0.0000
ETX-AAB	2.7250	0.0000	0.0896	0.0000
STX-STX	5.0230	0.0000	0.1651	0.0000
STX-WLA	6.2230	0.0000	0.2046	0.0000
STX-ELA	7.1910	0.0000	0.2364	0.0000
STX-ETX	7.1910	0.0000	0.2364	0.0000
WLA-WLA	2.8980	0.0000	0.0953	0.0000
WLA-ELA	3.8650	0.0000	0.1271	0.0000
WLA-ETX	3.8590	0.0000	0.1269	0.0000
ELA-ELA	2.6650	0.0000	0.0876	0.0000
ETX-ETX	2.7470	0.0000	0.0903	0.0000
ETX-ELA	2.6650	0.0000	0.0876	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2660	0.0000	0.1074	0.0000
M1-M2	7.0340	0.0000	0.2313	0.0000
M1-M3	12.4660	0.0000	0.4098	0.0000
M2-M2	5.4660	0.0000	0.1797	0.0000
M2-M3	10.8970	0.0000	0.3583	0.0000
M3-M3	7.1300	0.0000	0.2344	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0131	0.0148	0.0219	0.0219	0.0385	0.0691	0.1126
from WLA	0.0148	0.0072	0.0151	0.0151	0.0317	0.0623	0.1058
from ELA	0.0219	0.0151	0.0127	0.0127	0.0293	0.0599	0.1034
from ETX	0.0219	0.0151	0.0127	0.0127	0.0293	0.0599	0.1034
from M1	0.0385	0.0317	0.0293	0.0293	0.0166	0.0472	0.0907
from M2	0.0691	0.0623	0.0599	0.0599	0.0472	0.0345	0.0769
from M3	0.1126	0.1058	0.1034	0.1034	0.0907	0.0769	0.0465
USAGE-1 - MINIMUM							
from STX	0.0113	0.0130	0.0201	0.0201	0.0349	0.0654	0.1089
from WLA	0.0130	0.0054	0.0133	0.0133	0.0281	0.0586	0.1021
from ELA	0.0201	0.0133	0.0109	0.0109	0.0257	0.0562	0.0997
from ETX	0.0201	0.0133	0.0109	0.0109	0.0257	0.0562	0.0997
from M1	0.0349	0.0281	0.0257	0.0257	0.0148	0.0453	0.0888
from M2	0.0654	0.0586	0.0562	0.0562	0.0453	0.0326	0.0751
from M3	0.1089	0.1021	0.0997	0.0997	0.0888	0.0751	0.0447
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0090						
from WLA		0.0044					
from ELA			0.0087				
from ETX				0.0087			
from M1					0.0260	0.0133	
from M2						0.0410	0.0295
from M3							0.0675
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0072						
from WLA		0.0026					
from ELA			0.0069				
from ETX				0.0069			
from M1					0.0224	0.0115	
from M2						0.0391	0.0276
from M3							0.0657
USAGE-2	0.1748	0.1748	0.1748	0.1748	0.2988	0.4533	0.6753

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT	
	\$/dth		\$/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	7.1690	0.0000	0.2357	0.0000
WLA-AAB	3.8430	0.0000	0.1263	0.0000
ELA-AAB	2.6430	0.0000	0.0869	0.0000
ETX-AAB	2.7250	0.0000	0.0896	0.0000
STX-STX	5.0340	0.0000	0.1655	0.0000
STX-WLA	6.2340	0.0000	0.2050	0.0000
STX-ELA	7.2020	0.0000	0.2368	0.0000
STX-ETX	7.2020	0.0000	0.2368	0.0000
WLA-WLA	2.9090	0.0000	0.0957	0.0000
WLA-ELA	3.8760	0.0000	0.1274	0.0000
WLA-ETX	3.8700	0.0000	0.1272	0.0000
ELA-ELA	2.6760	0.0000	0.0880	0.0000
ETX-ETX	2.7580	0.0000	0.0907	0.0000
ETX-ELA	2.6760	0.0000	0.0880	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2810	0.0000	0.1079	0.0000
M1-M2	7.0570	0.0000	0.2320	0.0000
M1-M3	12.5000	0.0000	0.4110	0.0000
M2-M2	5.4850	0.0000	0.1803	0.0000
M2-M3	10.9270	0.0000	0.3592	0.0000
M3-M3	7.1520	0.0000	0.2351	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE
 SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth						
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0131	0.0148	0.0219	0.0219	0.0385	0.0691	0.1126
from WLA	0.0148	0.0072	0.0151	0.0151	0.0317	0.0623	0.1058
from ELA	0.0219	0.0151	0.0127	0.0127	0.0293	0.0599	0.1034
from ETX	0.0219	0.0151	0.0127	0.0127	0.0293	0.0599	0.1034
from M1	0.0385	0.0317	0.0293	0.0293	0.0166	0.0472	0.0907
from M2	0.0691	0.0623	0.0599	0.0599	0.0472	0.0345	0.0769
from M3	0.1126	0.1058	0.1034	0.1034	0.0907	0.0769	0.0465
USAGE-1 - MINIMUM							
from STX	0.0113	0.0130	0.0201	0.0201	0.0349	0.0654	0.1089
from WLA	0.0130	0.0054	0.0133	0.0133	0.0281	0.0586	0.1021
from ELA	0.0201	0.0133	0.0109	0.0109	0.0257	0.0562	0.0997
from ETX	0.0201	0.0133	0.0109	0.0109	0.0257	0.0562	0.0997
from M1	0.0349	0.0281	0.0257	0.0257	0.0148	0.0453	0.0888
from M2	0.0654	0.0586	0.0562	0.0562	0.0453	0.0326	0.0751
from M3	0.1089	0.1021	0.0997	0.0997	0.0888	0.0751	0.0447
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0090						
from WLA		0.0044					
from ELA			0.0087				
from ETX				0.0087			
from M1					0.0260	0.0133	
from M2					0.0537	0.0410	0.0295
from M3							0.0675
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0072						
from WLA		0.0026					
from ELA			0.0069				
from ETX				0.0069			
from M1					0.0224	0.0115	
from M2					0.0500	0.0391	0.0276
from M3							0.0657
USAGE-2	0.1748	0.1748	0.1748	0.1748	0.2993	0.4540	0.6765

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO
 SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT \$/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	7.1690	0.0000	0.2357	0.0000
WLA-AAB	3.8430	0.0000	0.1263	0.0000
ELA-AAB	2.6430	0.0000	0.0869	0.0000
ETX-AAB	2.7250	0.0000	0.0896	0.0000
STX-STX	5.0340	0.0000	0.1655	0.0000
STX-WLA	6.2340	0.0000	0.2050	0.0000
STX-ELA	7.2020	0.0000	0.2368	0.0000
STX-ETX	7.2020	0.0000	0.2368	0.0000
WLA-WLA	2.9090	0.0000	0.0957	0.0000
WLA-ELA	3.8760	0.0000	0.1274	0.0000
WLA-ETX	3.8700	0.0000	0.1272	0.0000
ELA-ELA	2.6760	0.0000	0.0880	0.0000
ETX-ETX	2.7580	0.0000	0.0907	0.0000
ETX-ELA	2.6760	0.0000	0.0880	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2810	0.0000	0.1079	0.0000
M1-M2	7.0570	0.0000	0.2320	0.0000
M1-M3	12.5000	0.0000	0.4110	0.0000
M2-M2	5.4850	0.0000	0.1803	0.0000
M2-M3	10.9270	0.0000	0.3592	0.0000
M3-M3	7.1520	0.0000	0.2351	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES		ZONE RATE \$/dth					
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0185	0.0205	0.0275	0.0275	0.0490	0.0811	0.1308
from WLA	0.0205	0.0117	0.0202	0.0202	0.0417	0.0738	0.1235
from ELA	0.0275	0.0202	0.0182	0.0182	0.0397	0.0718	0.1215
from ETX	0.0275	0.0202	0.0182	0.0182	0.0397	0.0718	0.1215
from M1	0.0490	0.0417	0.0397	0.0397	0.0215	0.0536	0.1033
from M2	0.0811	0.0738	0.0718	0.0718	0.0536	0.0403	0.0845
from M3	0.1308	0.1235	0.1215	0.1215	0.1033	0.0845	0.0546
USAGE-1 - MINIMUM							
from STX	0.0167	0.0187	0.0257	0.0257	0.0454	0.0774	0.1271
from WLA	0.0187	0.0099	0.0184	0.0184	0.0381	0.0701	0.1198
from ELA	0.0257	0.0184	0.0164	0.0164	0.0361	0.0681	0.1178
from ETX	0.0257	0.0184	0.0164	0.0164	0.0361	0.0681	0.1178
from M1	0.0454	0.0381	0.0361	0.0361	0.0197	0.0517	0.1014
from M2	0.0774	0.0701	0.0681	0.0681	0.0517	0.0384	0.0827
from M3	0.1271	0.1198	0.1178	0.1178	0.1014	0.0827	0.0528
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0090						
from WLA		0.0044					
from ELA			0.0087				
from ETX				0.0087			
from M1					0.0315	0.0133	
from M2						0.0410	0.0295
from M3							0.0675
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0072						
from WLA		0.0026					
from ELA			0.0069				
from ETX				0.0069			
from M1					0.0279	0.0115	
from M2						0.0391	0.0276
from M3							0.0657
USAGE-2	0.1817	0.1817	0.1817	0.1817	0.3111	0.4673	0.6960

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1
 RESERVATION
 CHARGES

Pursuant to Sections 3.2(A), 3.3(A), and 3.5 of Rate Schedule FT-1:

	FT-1 RESERVATION CHARGE*		FT-1 RESERVATION CHARGE ADJUSTMENT \$/dth	
ACCESS AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	7.1690	0.0000	0.2357	0.0000
WLA-AAB	3.8430	0.0000	0.1263	0.0000
ELA-AAB	2.6430	0.0000	0.0869	0.0000
ETX-AAB	2.7250	0.0000	0.0896	0.0000
STX-STX	5.0340	0.0000	0.1655	0.0000
STX-WLA	6.2340	0.0000	0.2050	0.0000
STX-ELA	7.2020	0.0000	0.2368	0.0000
STX-ETX	7.2020	0.0000	0.2368	0.0000
WLA-WLA	2.9090	0.0000	0.0957	0.0000
WLA-ELA	3.8760	0.0000	0.1274	0.0000
WLA-ETX	3.8700	0.0000	0.1272	0.0000
ELA-ELA	2.6760	0.0000	0.0880	0.0000
ETX-ETX	2.7580	0.0000	0.0907	0.0000
ETX-ELA	2.6760	0.0000	0.0880	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.2810	0.0000	0.1079	0.0000
M1-M2	7.0570	0.0000	0.2320	0.0000
M1-M3	12.5000	0.0000	0.4110	0.0000
M2-M2	5.4850	0.0000	0.1803	0.0000
M2-M3	10.9270	0.0000	0.3592	0.0000
M3-M3	7.1520	0.0000	0.2351	0.0000

* Reservation Charge reflects a storage surcharge of: 0.0970

CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 284, RATE SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1 USAGE CHARGES	ZONE RATE \$/dth						
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Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:

	STX	WLA	ELA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0235	0.0258	0.0328	0.0328	0.0586	0.0928	0.1486
from WLA	0.0258	0.0155	0.0247	0.0247	0.0505	0.0847	0.1405
from ELA	0.0328	0.0247	0.0230	0.0230	0.0488	0.0830	0.1388
from ETX	0.0328	0.0247	0.0230	0.0230	0.0488	0.0830	0.1388
from M1	0.0586	0.0505	0.0488	0.0488	0.0258	0.0600	0.1158
from M2	0.0928	0.0847	0.0830	0.0830	0.0600	0.0458	0.0933
from M3	0.1486	0.1405	0.1388	0.1388	0.1158	0.0933	0.0622
USAGE-1 - MINIMUM							
from STX	0.0217	0.0240	0.0310	0.0310	0.0550	0.0891	0.1449
from WLA	0.0240	0.0137	0.0229	0.0229	0.0469	0.0810	0.1368
from ELA	0.0310	0.0229	0.0212	0.0212	0.0452	0.0793	0.1351
from ETX	0.0310	0.0229	0.0212	0.0212	0.0452	0.0793	0.1351
from M1	0.0550	0.0469	0.0452	0.0452	0.0240	0.0581	0.1139
from M2	0.0891	0.0810	0.0793	0.0793	0.0581	0.0439	0.0915
from M3	0.1449	0.1368	0.1351	0.1351	0.1139	0.0915	0.0604
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0090						
from WLA		0.0044					
from ELA			0.0087				
from ETX				0.0087			
from M1					0.0363	0.0133	
from M2						0.0410	0.0295
from M3							0.0675
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0072						
from WLA		0.0026					
from ELA			0.0069				
from ETX				0.0069			
from M1					0.0327	0.0115	
from M2						0.0391	0.0276
from M3							0.0657
USAGE-2	0.1879	0.1879	0.1879	0.1879	0.3216	0.4799	0.7147

ACA COMMODITY SURCHARGE TO APPLICABLE CUSTOMERS, PURSUANT TO SECTION 15.5 OF THE GENERAL TERMS AND CONDITIONS.

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CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
Effective During the Winter Period: December 1 through March 31

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Base	from STX	1.09	1.25	2.12	2.12	3.08	4.70	5.81
Applicable	from WLA	0.50	0.50	1.38	1.38	2.34	3.96	5.07
Shrinkage	from ELA	1.05	1.05	1.05	1.05	2.01	3.63	4.74
Percentage	from ETX	1.09	1.05	1.05	1.05	2.01	3.63	4.74
Base	from M1	3.08	2.34	2.01	2.01	0.96	2.58	3.69
Applicable	from M2	4.70	3.96	3.63	3.63	2.58	1.80	2.90
Shrinkage	from M3	5.81	5.07	4.74	4.74	3.69	2.90	1.28
Base	from STX	-0.37	-0.46	-0.95	-0.95	-1.11	-1.91	-1.86
Applicable	from WLA	0.29	0.01	-0.46	-0.46	-0.62	-1.42	-1.37
Shrinkage	from ELA	0.12	-0.13	-0.06	-0.06	-0.22	-1.02	-0.97
Adjustment	from ETX	0.08	-0.13	-0.06	-0.06	-0.22	-1.02	-0.97
Percentage	from M1	-1.11	-0.62	-0.22	-0.22	-0.16	-0.96	-0.90
Base	from M2	-1.91	-1.42	-1.02	-1.02	-0.96	-0.52	-0.45
Applicable	from M3	-1.86	-1.37	-0.97	-0.97	-0.90	-0.45	0.37
Base	from STX	0.72	0.79	1.17	1.17	1.97	2.79	3.95
Applicable	from WLA	0.79	0.51	0.92	0.92	1.72	2.54	3.70
Shrinkage	from ELA	1.17	0.92	0.99	0.99	1.79	2.61	3.77
Percentage	from ETX	1.17	0.92	0.99	0.99	1.79	2.61	3.77
Base	from M1	1.97	1.72	1.79	1.79	0.80	1.62	2.79
Applicable	from M2	2.79	2.54	2.61	2.61	1.62	1.28	2.45
Shrinkage	from M3	3.95	3.70	3.77	3.77	2.79	2.45	1.65
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.00			
Base	from M1				0.00			
Applicable	from M2				0.00		0.00	
Shrinkage	from M3					0.00		0.00
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				0.99			
Percentage	from M1				0.99	0.00		
Base	from M2				0.99	0.00	0.00	
Applicable	from M3					0.00		0.00
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.99			
Base	from M1				0.99	0.00		
Applicable	from M2				0.99	0.00	0.00	
Shrinkage	from M3					0.00		0.00
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Adjustment Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)		2.86 %		-1.26 %		1.60 %		
Monthly W/d (FSS,ISS-1)		1.76 %		-1.22 %		0.54 %		
Monthly Injections		1.76 %		-1.22 %		0.54 %		
Monthly Inventory Level		0.08 %		-0.04 %		0.04 %		

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

Texas Eastern Transmission, LP

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CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX	WLA	ELA	ETX	M1	M2	M3
		(%)	(%)	(%)	(%)	(%)	(%)	(%)
Base	from STX	0.93	1.04	1.64	1.64	2.49	3.59	4.34
Applicable	from WLA	0.53	0.53	1.13	1.13	1.98	3.08	3.83
Shrinkage	from ELA	0.91	0.91	0.91	0.91	1.76	2.86	3.61
Percentage	from ETX	0.93	0.91	0.91	0.91	1.76	2.86	3.61
Base	from M1	2.49	1.98	1.76	1.76	0.85	1.95	2.70
Applicable	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
Shrinkage	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
Base	from STX	-0.23	-0.29	-0.59	-0.59	-0.68	-1.19	-1.10
Applicable	from WLA	0.22	0.01	-0.27	-0.27	-0.36	-0.87	-0.78
Shrinkage	from ELA	0.14	-0.05	-0.01	-0.01	-0.10	-0.61	-0.52
Adjustment	from ETX	0.12	-0.05	-0.01	-0.01	-0.10	-0.61	-0.52
Percentage	from M1	-0.68	-0.36	-0.10	-0.10	-0.09	-0.60	-0.51
Base	from M2	-1.19	-0.87	-0.61	-0.61	-0.60	-0.31	-0.22
Applicable	from M3	-1.10	-0.78	-0.52	-0.52	-0.51	-0.22	0.30
Base	from STX	0.70	0.75	1.05	1.05	1.81	2.40	3.24
Applicable	from WLA	0.75	0.54	0.86	0.86	1.62	2.21	3.05
Shrinkage	from ELA	1.05	0.86	0.90	0.90	1.66	2.25	3.09
Percentage	from ETX	1.05	0.86	0.90	0.90	1.66	2.25	3.09
Base	from M1	1.81	1.62	1.66	1.66	0.76	1.35	2.19
Applicable	from M2	2.40	2.21	2.25	2.25	1.35	1.11	1.95
Shrinkage	from M3	3.24	3.05	3.09	3.09	2.19	1.95	1.37
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX	WLA	ELA	ETX	M1	M2	M3
		(%)	(%)	(%)	(%)	(%)	(%)	(%)
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.00			
Base	from M1				0.00			
Applicable	from M2				0.00		0.00	
Shrinkage	from M3					0.00	0.00	0.00
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				0.90			
Percentage	from M1				0.90			
Base	from M2				0.90	0.00	0.00	
Applicable	from M3					0.00	0.00	0.00
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.90			
Base	from M1				0.90			
Applicable	from M2				0.90	0.00	0.00	
Shrinkage	from M3					0.00	0.00	0.00
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Base Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)		2.70 %		-1.21 %		1.49 %		
Monthly W/d (FSS,ISS-1)		1.76 %		-1.22 %		0.54 %		
Monthly Injections		1.76 %		-1.22 %		0.54 %		
Monthly Inventory Level		0.08 %		-0.04 %		0.04 %		

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
 _____Effective During the Winter Period: December 1 through March 31_____

FOR TRANSPORTATION SERVICE	STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)	
Base	from STX	1.09	1.25	2.12	2.12	3.08	4.70	5.81
Applicable	from WLA	0.50	0.50	1.38	1.38	2.34	3.96	5.07
Shrinkage	from ELA	1.05	1.05	1.05	1.05	2.01	3.63	4.74
Percentage	from ETX	1.09	1.05	1.05	1.05	2.01	3.63	4.74
Base	from M1	3.08	2.34	2.01	2.01	0.96	2.58	3.69
Applicable	from M2	4.70	3.96	3.63	3.63	2.58	1.80	2.90
Shrinkage	from M3	5.81	5.07	4.74	4.74	3.69	2.90	1.28
Base	from STX	-0.18	-0.27	-0.74	-0.74	-0.69	-1.49	-1.43
Applicable	from WLA	0.48	0.18	-0.28	-0.28	-0.23	-1.03	-0.97
Shrinkage	from ELA	0.33	0.05	0.14	0.14	0.19	-0.61	-0.55
Adjustment	from ETX	0.29	0.05	0.14	0.14	0.19	-0.61	-0.55
Percentage	from M1	-0.69	-0.23	0.19	0.19	0.05	-0.75	-0.68
Base	from M2	-1.49	-1.03	-0.61	-0.61	-0.75	-0.31	-0.23
Applicable	from M3	-1.43	-0.97	-0.55	-0.55	-0.68	-0.23	0.58
Base	from STX	0.91	0.98	1.38	1.38	2.39	3.21	4.38
Applicable	from WLA	0.98	0.68	1.10	1.10	2.11	2.93	4.10
Shrinkage	from ELA	1.38	1.10	1.19	1.19	2.20	3.02	4.19
Percentage	from ETX	1.38	1.10	1.19	1.19	2.20	3.02	4.19
Base	from M1	2.39	2.11	2.20	2.20	1.01	1.83	3.01
Applicable	from M2	3.21	2.93	3.02	3.02	1.83	1.49	2.67
Shrinkage	from M3	4.38	4.10	4.19	4.19	3.01	2.67	1.86
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS	STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)	
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.00	0.00		
Base	from M1				0.00	0.00		
Applicable	from M2				0.00	0.00		
Shrinkage	from M3					0.00	0.00	
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				1.19			
Percentage	from M1				1.19	0.00		
Base	from M2				1.19	0.00		
Applicable	from M3				1.19	0.00		
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				1.19			
Base	from M1				1.19	0.00		
Applicable	from M2				1.19	0.00		
Shrinkage	from M3				1.19	0.00		
FOR STORAGE SERVICE	Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage					
Monthly W/d (SS,SS-1,X-28)	2.86 %	-1.05 %	1.81 %					
Monthly W/d (FSS,ISS-1)	1.76 %	-1.22 %	0.54 %					
Monthly Injections	1.76 %	-1.22 %	0.54 %					
Monthly Inventory Level	0.08 %	-0.04 %	0.04 %					

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
 Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.93	1.04	1.64	1.64	2.49	3.59	4.34
Base	from WLA	0.53	0.53	1.13	1.13	1.98	3.08	3.83
Applicable	from ELA	0.91	0.91	0.91	0.91	1.76	2.86	3.61
Shrinkage	from ETX	0.93	0.91	0.91	0.91	1.76	2.86	3.61
Percentage	from M1	2.49	1.98	1.76	1.76	0.85	1.95	2.70
Applicable	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
Base	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
Applicable	from STX	-0.04	-0.10	-0.42	-0.42	-0.31	-0.88	-0.87
Shrinkage	from WLA	0.41	0.20	-0.10	-0.10	0.01	-0.56	-0.55
Adjustment	from ELA	0.31	0.12	0.16	0.16	0.27	-0.30	-0.29
Percentage	from ETX	0.29	0.12	0.16	0.16	0.27	-0.30	-0.29
Applicable	from M1	-0.31	0.01	0.27	0.27	0.11	-0.46	-0.45
Base	from M2	-0.88	-0.56	-0.30	-0.30	-0.46	-0.15	-0.13
Applicable	from M3	-0.87	-0.55	-0.29	-0.29	-0.45	-0.13	0.44
Applicable	from STX	0.89	0.94	1.22	1.22	2.18	2.71	3.47
Shrinkage	from WLA	0.94	0.73	1.03	1.03	1.99	2.52	3.28
Percentage	from ELA	1.22	1.03	1.07	1.07	2.03	2.56	3.32
Applicable	from ETX	1.22	1.03	1.07	1.07	2.03	2.56	3.32
Base	from M1	2.18	1.99	2.03	2.03	0.96	1.49	2.25
Applicable	from M2	2.71	2.52	2.56	2.56	1.49	1.27	2.04
Shrinkage	from M3	3.47	3.28	3.32	3.32	2.25	2.04	1.51
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
Applicable	from M2				0.00	0.00	0.00	
Base	from M3					0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Adjustment	from ELA			0.00				
Percentage	from ETX				1.07			
Applicable	from M1				1.07	0.00		
Base	from M2				1.07	0.00	0.00	
Applicable	from M3				1.07	0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Percentage	from ELA			0.00				
Applicable	from ETX				1.07			
Base	from M1				1.07	0.00		
Applicable	from M2				1.07	0.00	0.00	
Shrinkage	from M3				1.07	0.00	0.00	
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)	2.70 %		-1.03 %		1.67 %			
Monthly W/d (FSS,ISS-1)	1.76 %		-1.22 %		0.54 %			
Monthly Injections	1.76 %		-1.22 %		0.54 %			
Monthly Inventory Level	0.08 %		-0.04 %		0.04 %			

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
 _____Effective During the Winter Period: December 1 through March 31_____

FOR TRANSPORTATION SERVICE	STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)	
Base	from STX	1.09	1.25	2.12	2.12	3.08	4.70	5.81
Applicable	from WLA	0.50	0.50	1.38	1.38	2.34	3.96	5.07
Shrinkage	from ELA	1.05	1.05	1.05	1.05	2.01	3.63	4.74
Percentage	from ETX	1.09	1.05	1.05	1.05	2.01	3.63	4.74
Base	from M1	3.08	2.34	2.01	2.01	0.96	2.58	3.69
Applicable	from M2	4.70	3.96	3.63	3.63	2.58	1.80	2.90
Shrinkage	from M3	5.81	5.07	4.74	4.74	3.69	2.90	1.28
Base	from STX	-0.25	-0.34	-0.86	-0.86	-0.88	-1.76	-1.82
Applicable	from WLA	0.41	0.13	-0.37	-0.37	-0.39	-1.27	-1.33
Shrinkage	from ELA	0.21	-0.04	0.06	0.06	0.04	-0.84	-0.90
Adjustment	from ETX	0.17	-0.04	0.06	0.06	0.04	-0.84	-0.90
Percentage	from M1	-0.88	-0.39	0.04	0.04	-0.02	-0.90	-0.96
Base	from M2	-1.76	-1.27	-0.84	-0.84	-0.90	-0.43	-0.47
Applicable	from M3	-1.82	-1.33	-0.90	-0.90	-0.96	-0.47	0.42
Base	from STX	0.84	0.91	1.26	1.26	2.20	2.94	3.99
Applicable	from WLA	0.91	0.63	1.01	1.01	1.95	2.69	3.74
Shrinkage	from ELA	1.26	1.01	1.11	1.11	2.05	2.79	3.84
Percentage	from ETX	1.26	1.01	1.11	1.11	2.05	2.79	3.84
Base	from M1	2.20	1.95	2.05	2.05	0.94	1.68	2.73
Applicable	from M2	2.94	2.69	2.79	2.79	1.68	1.37	2.43
Shrinkage	from M3	3.99	3.74	3.84	3.84	2.73	2.43	1.70
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS	STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)	
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				0.00			
Base	from M1				0.00			
Applicable	from M2				0.00			
Shrinkage	from M3					0.00	0.00	
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				1.11			
Base	from M1				1.11			
Applicable	from M2				1.11	0.00		
Shrinkage	from M3				1.11	0.00		
Base	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				1.11			
Base	from M1				1.11	0.00		
Applicable	from M2				1.11	0.00		
Shrinkage	from M3				1.11	0.00		
FOR STORAGE SERVICE	Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage					
Monthly W/d (SS,SS-1,X-28)	2.86 %	-1.01 %	1.85 %					
Monthly W/d (FSS,ISS-1)	1.76 %	-1.09 %	0.67 %					
Monthly Injections	1.76 %	-1.09 %	0.67 %					
Monthly Inventory Level	0.08 %	-0.06 %	0.02 %					

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
 Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.93	1.04	1.64	1.64	2.49	3.59	4.34
Base	from WLA	0.53	0.53	1.13	1.13	1.98	3.08	3.83
Applicable	from ELA	0.91	0.91	0.91	0.91	1.76	2.86	3.61
Shrinkage	from ETX	0.93	0.91	0.91	0.91	1.76	2.86	3.61
Percentage	from M1	2.49	1.98	1.76	1.76	0.85	1.95	2.70
Applicable	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
Base	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
Applicable	from STX	-0.09	-0.15	-0.50	-0.50	-0.41	-1.02	-1.08
Shrinkage	from WLA	0.36	0.21	-0.12	-0.12	-0.03	-0.64	-0.70
Adjustment	from ELA	0.23	0.10	0.15	0.15	0.24	-0.37	-0.43
Percentage	from ETX	0.21	0.10	0.15	0.15	0.24	-0.37	-0.43
Applicable	from M1	-0.41	-0.03	0.24	0.24	0.09	-0.52	-0.58
Base	from M2	-1.02	-0.64	-0.37	-0.37	-0.52	-0.19	-0.25
Applicable	from M3	-1.08	-0.70	-0.43	-0.43	-0.58	-0.25	0.37
Applicable	from STX	0.84	0.89	1.14	1.14	2.08	2.57	3.26
Shrinkage	from WLA	0.89	0.74	1.01	1.01	1.95	2.44	3.13
Percentage	from ELA	1.14	1.01	1.06	1.06	2.00	2.49	3.18
Applicable	from ETX	1.14	1.01	1.06	1.06	2.00	2.49	3.18
Base	from M1	2.08	1.95	2.00	2.00	0.94	1.43	2.12
Applicable	from M2	2.57	2.44	2.49	2.49	1.43	1.23	1.92
Base	from M3	3.26	3.13	3.18	3.18	2.12	1.92	1.44
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
Applicable	from M2				0.00	0.00	0.00	
Base	from M3					0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Adjustment	from ELA			0.00				
Percentage	from ETX				1.06			
Applicable	from M1				1.06	0.00		
Base	from M2				1.06	0.00	0.00	
Applicable	from M3				1.06	0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Percentage	from ELA			0.00				
Applicable	from ETX				1.06			
Base	from M1				1.06	0.00		
Applicable	from M2				1.06	0.00	0.00	
Base	from M3				1.06	0.00	0.00	
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)	2.70 %		-0.93 %		1.77 %			
Monthly W/d (FSS,ISS-1)	1.76 %		-1.09 %		0.67 %			
Monthly Injections	1.76 %		-1.09 %		0.67 %			
Monthly Inventory Level	0.08 %		-0.06 %		0.02 %			

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES

Effective During the Winter Period: December 1 through December 31

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.93	1.04	1.64	1.64	2.49	3.59	4.34
Base	from WLA	0.53	0.53	1.13	1.13	1.98	3.08	3.83
Applicable	from ELA	0.91	0.91	0.91	0.91	1.76	2.86	3.61
Shrinkage	from ETX	0.93	0.91	0.91	0.91	1.76	2.86	3.61
Percentage	from M1	2.49	1.98	1.76	1.76	0.85	1.95	2.70
Applicable	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
Base	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
Applicable	from STX	-0.04	-0.10	-0.42	-0.42	-0.31	-0.88	-0.87
Shrinkage	from WLA	0.41	0.20	-0.10	-0.10	0.01	-0.56	-0.55
Adjustment	from ELA	0.31	0.12	0.16	0.16	0.27	-0.30	-0.29
Percentage	from ETX	0.29	0.12	0.16	0.16	0.27	-0.30	-0.29
Applicable	from M1	-0.31	0.01	0.27	0.27	0.11	-0.46	-0.45
Base	from M2	-0.88	-0.56	-0.30	-0.30	-0.46	-0.15	-0.13
Applicable	from M3	-0.87	-0.55	-0.29	-0.29	-0.45	-0.13	0.44
Applicable	from STX	0.89	0.94	1.22	1.22	2.18	2.71	3.47
Shrinkage	from WLA	0.94	0.73	1.03	1.03	1.99	2.52	3.28
Percentage	from ELA	1.22	1.03	1.07	1.07	2.03	2.56	3.32
Applicable	from ETX	1.22	1.03	1.07	1.07	2.03	2.56	3.32
Base	from M1	2.18	1.99	2.03	2.03	0.96	1.49	2.25
Applicable	from M2	2.71	2.52	2.56	2.56	1.49	1.27	2.04
Base	from M3	3.47	3.28	3.32	3.32	2.25	2.04	1.51
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
Applicable	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
Applicable	from M2				0.00	0.00	0.00	
Base	from M3					0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Adjustment	from ELA			0.00				
Percentage	from ETX				1.07			
Applicable	from M1				1.07	0.00		
Base	from M2				1.07	0.00	0.00	
Applicable	from M3				1.07	0.00	0.00	
Applicable	from STX	0.00						
Shrinkage	from WLA		0.00					
Percentage	from ELA			0.00				
Applicable	from ETX				1.07			
Base	from M1				1.07	0.00		
Applicable	from M2				1.07	0.00	0.00	
Base	from M3				1.07	0.00	0.00	
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage	Applicable Shrinkage Percentage
Monthly W/d (SS,SS-1,X-28)	2.70 %		-1.03 %		1.67 %			
Monthly W/d (FSS,ISS-1)	1.76 %		-1.22 %		0.54 %			
Monthly Injections	1.76 %		-1.22 %		0.54 %			
Monthly Inventory Level	0.08 %		-0.04 %		0.04 %			

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

CURRENTLY EFFECTIVE PERCENTAGES FOR APPLICABLE SHRINKAGE FOR ASA RATE SCHEDULES
 _____Effective During the Winter Period: January 1 through March 31_____

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
	from STX	1.09	1.25	2.12	2.12	3.08	4.70	5.81
Base	from WLA	0.50	0.50	1.38	1.38	2.34	3.96	5.07
Applicable	from ELA	1.05	1.05	1.05	1.05	2.01	3.63	4.74
Shrinkage	from ETX	1.09	1.05	1.05	1.05	2.01	3.63	4.74
Percentage	from M1	3.08	2.34	2.01	2.01	0.96	2.58	3.69
	from M2	4.70	3.96	3.63	3.63	2.58	1.80	2.90
	from M3	5.81	5.07	4.74	4.74	3.69	2.90	1.28
	from STX	-0.25	-0.34	-0.86	-0.86	-0.88	-1.76	-1.82
Applicable	from WLA	0.41	0.13	-0.37	-0.37	-0.39	-1.27	-1.33
Shrinkage	from ELA	0.21	-0.04	0.06	0.06	0.04	-0.84	-0.90
Adjustment	from ETX	0.17	-0.04	0.06	0.06	0.04	-0.84	-0.90
Percentage	from M1	-0.88	-0.39	0.04	0.04	-0.02	-0.90	-0.96
	from M2	-1.76	-1.27	-0.84	-0.84	-0.90	-0.43	-0.47
	from M3	-1.82	-1.33	-0.90	-0.90	-0.96	-0.47	0.42
	from STX	0.84	0.91	1.26	1.26	2.20	2.94	3.99
Applicable	from WLA	0.91	0.63	1.01	1.01	1.95	2.69	3.74
Shrinkage	from ELA	1.26	1.01	1.11	1.11	2.05	2.79	3.84
Percentage	from ETX	1.26	1.01	1.11	1.11	2.05	2.79	3.84
	from M1	2.20	1.95	2.05	2.05	0.94	1.68	2.73
	from M2	2.94	2.69	2.79	2.79	1.68	1.37	2.43
	from M3	3.99	3.74	3.84	3.84	2.73	2.43	1.70
FOR TRANSPORTATION SERVICE UNDER CONTRACTS WITH PARTIAL BACKHAUL PATHS		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
	from STX	0.00						
Base	from WLA		0.00					
Applicable	from ELA			0.00				
Shrinkage	from ETX				0.00			
Percentage	from M1				0.00	0.00		
	from M2				0.00	0.00	0.00	
	from M3					0.00	0.00	
	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				1.11			
Percentage	from M1				1.11	0.00		
	from M2				1.11	0.00	0.00	
	from M3					0.00	0.00	
	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				1.11			
	from M1				1.11	0.00		
	from M2				1.11	0.00	0.00	
	from M3					0.00	0.00	
FOR STORAGE SERVICE		Base Applicable Shrinkage Percentage	Applicable Shrinkage Adjustment Percentage	Applicable Shrinkage Percentage				
Monthly W/d (SS,SS-1,X-28)	2.86 %	-1.01 %	1.85 %					
Monthly W/d (FSS,ISS-1)	1.76 %	-1.09 %	0.67 %					
Monthly Injections	1.76 %	-1.09 %	0.67 %					
Monthly Inventory Level	0.08 %	-0.06 %	0.02 %					

Footnote: Due to the bidirectional flow patterns of Pipeline's Access Area Zones, there is no distinction between forwardhauls and backhauls for applicable Shrinkage purposes in the Access Area Zones.

Peoples Gas
1307(f) – 2021

Section 53.64(c)(1)

Details of contract negotiations for gas supply, production, transportation and storage.

* * * * *

1. TETCO – Peoples Gas purchases firm transportation service from TETCO under TETCO's Rate FT-1. Following a review of its pipeline transportation portfolio and the receipt points into its system, in 2015, Peoples Gas sent an RFP to DETI, TCO and TETCO for up to 20,000 Dth per day of firm capacity and for construction of an interconnect meter station with Peoples Gas. Each pipeline submitted a proposal, and Peoples Gas chose to negotiate with TETCO for firm transportation capacity and construction of a new interconnection at Delmont, primarily because of the historical liquidity and reliability of purchasing supply on TETCO, particularly in its market zone 2 (M2).

Peoples Gas and TETCO then negotiated and entered into a firm transportation agreement for 10,000 Dth per day and construction of a new meter station and improved interconnection facilities, effective November 1, 2015, and extending for a 15-year term. Peoples Gas requested Pennsylvania Public Utility Commission ("PUC" or "Commission") approval to enter into this agreement in Docket No. P-2015-2505558, which was received by Order entered November 5, 2015.

2. Columbia – Peoples Gas purchases from Columbia both stand-alone firm transportation service (under Rate FTS) and firm transportation service (under Rate SST) associated with storage service (under Rate FSS).

In August 2014, Columbia notified Peoples Gas that its storage contracts (53012 and 50112) with a combined capacity of 609,827 Dth and related firm transportation contracts (Nos. 38091 and 50113) with combined peak day deliverability of 10,807 Dth per day were set to expire on March 31, 2015. On September 29, 2014, Peoples Gas exercised its ROFR rights on these contracts. Prior to this capacity being publicly posted by Columbia, Peoples Gas negotiated a one-year extension of all four contracts. The new expiration date became March 31, 2016.

After reviewing supply trends from local production, and considering system demands from the winters of 2014/15 and 2013/14, the Company concluded in 2015 that these contracts should be extended through March 31, 2018, which would allow the Company to address the design day and seasonal requirements of its system as a whole, as well as the design day and seasonal requirements of discrete areas on its system, without making a long-term commitment to Columbia storage capacity. Peoples Gas received approval of the renewal and extension of these service agreements in Docket No. P-2015-2505449.

In testimony in 1307(f)-2017, Peoples Gas noted that the TCO services are critical and unique to maintaining system integrity in the Fairview and Hickory Corners area of the system;

that the settlement in its 1307(f)-2015 proceeding provided that the Company could negotiate up to a further five-year extension of the Columbia FTS, FSS, and SST contracts; and that Peoples Gas would analyze extending the storage service agreement and related firm transportation agreements for up to five years.

In August 2017, Peoples Gas analyzed the cost effectiveness of renewing its TCO storage and related transport contracts against purchasing delivered supplies along with an operational assessment of the daily and peak day supply requirements of that portion of the system currently served by these agreements. Peoples Gas determined that renewing the current TCO agreements was the most prudent option, particularly with regard to maintaining firm deliverability where operationally necessary. Therefore, People Gas executed extensions of all of its TCO contracts through March 31, 2022.

3. Eastern Gas Transmission and Storage (Formerly Dominion) – Peoples Gas purchases firm transportation service from Eastern Gas under Rate FT-GSS and firm storage service under Rate GSS under two different vintages of contracts.

By letters dated March 29, 2010 and April 14, 2010, respectively, Peoples Gas received written notices of termination from Dominion, pursuant to the advance notice requirements specified in various GSS Agreements (firm daily capacity of 5,000 Dth, 10,000 Dth, and 10,000 Dth and storage capacity of 300,000 Dth, 600,000 Dth and 600,000 Dth) and the related FT-GSS Agreements (firm daily capacities of 5,000 Dth, 10,000 Dth and 10,000 Dth), which provided that the GSS agreements would terminate as of April 30, 2011 and the FT-GSS Agreements would terminate March 31, 2012. Such notices also stated that Peoples Gas had until May 31, 2010 to advise Dominion whether it intended to reserve its ROFR rights under these agreements, which Peoples Gas did by letter on April 28, 2010. After numerous negotiation sessions, Peoples Gas and Dominion agreed to a ten-year extension of the agreements. Peoples Gas requested and obtained PUC approval to renew these agreements by the Commission's Order entered July 21, 2010 at Docket No. P-2010-2181827. These agreements are scheduled to expire March 31, 2022.

Peoples Gas purchases additional firm transportation (Rate FT) and firm storage service (Rate GSS) from Eastern Gas under a different group of contracts. On September 27, 2007, Peoples Gas entered into a Precedent Agreement with Dominion for 10,000 Dth/day of Firm Transportation and 600,000 Dth of Firm Storage Services, which agreement was amended on October 15, 2008 and May 15, 2011. On December 20, 2012, the FERC approved Dominion's application for a certificate of public convenience and necessity to provide the storage and related transportation services.

By letter dated March 12, 2012, Dominion notified Peoples Gas that it had satisfied the conditions precedent to execution of the service agreements. On January 24, 2013, the Company executed an agreement for storage service under Rate Schedule GSS and a related agreement for transportation service under Rate Schedule FT. The storage agreement was effective on April 1, 2014, and the transportation agreement started November 1, 2014. Peoples Gas requested and obtained PUC approval for these agreements in 1307(f)-2013. The Company began injecting gas into storage under this agreement on April 1, 2014, and began withdrawing gas from storage in November 2014. These agreements are scheduled to expire March 31, 2029.

4. Equitrans – Peoples Gas purchases firm no-notice transportation service under Equitrans' Rate NOFT and firm storage service under Rate 60SS.

In December 2013, as set forth in the Joint Application proceeding at Docket Nos. A-2013-2353647, A-2013-2353649 and A-2013-2353651, Peoples Gas and Equitrans entered into a storage agreement under Equitrans Rate 60SS and a related no-notice transportation contract under rate NOFT. These storage and transportation agreements were approved by Order entered November 14, 2013. These contracts provide firm daily deliverability of 27,500 Dth during the winter and storage capacity of 1,500,000 Dth for the storage withdrawal period of November 1 through March 31 of the following year. Both agreements have a 20-year term commencing April 1, 2014. As discussed below, the storage agreement and related no-notice transportation agreement are structured to increase daily deliverability and total capacity as of April 1, 2015, April 1, 2018, and April 1, 2022, to correspond with the projected expiration dates of various other service agreements with Columbia and Dominion.

The storage agreement commencing April 1, 2014, for withdrawals commencing November 1, 2014, replaced the storage service agreements with Columbia that had an aggregate peak demand period deliverability of 25,668 Dth and expired March 31, 2014. The negotiated rates for both the storage and firm transportation services resulted in lower costs than either the cost of the Columbia services that were replaced or the cost for such Equitrans services under tariff recourse rates. The Beautiful Lookout and Egry interconnects with Equitrans were completed prior to November 1, 2014, and Peoples Gas subsequently began utilizing this storage.

As contemplated in the original agreements and as previously approved, the peak demand period daily deliverability and storage capacity under these contracts increased to 33,917 Dth/day and 1,850,000 Dth, respectively, effective April 1, 2015. Effective April 1, 2018, this storage capacity increased to 2,450,000 Dth and deliverability increased to 44,917 Dth/day. On April 1, 2022, storage capacity will increase to 4,000,000 Dth and deliverability will increase to 72,417 Dth/Day. These increases correspond to decreased service levels under various Eastern Gas and Columbia service agreements as those agreements reach their expiration dates.

On June 1, 2019, the Company and Equitrans entered into new agreements that effectively converted the no-notice transportation contract under Rate NOFT to a negotiated rate agreement. This was done pursuant to a settlement approved in FERC Docket No. RP18-1167-000, et al.

5. Tennessee – Prior to 2015, the Company received gas at the TGP Pittsburgh Terminal, at one time pursuant to a transportation agreement with TGP but more recently pursuant to delivered gas purchase arrangements there. During 2015, the Company concluded that the supply source from TGP was no longer operationally needed under design conditions, primarily as a result of the availability of deliveries of gas at the main delivery point from Peoples Natural Gas to Peoples Gas under the existing, PUC-approved, gas exchange arrangements, discussed below. Since then, operational data has shown that receipts from Peoples Natural Gas do not, in fact, serve to maintain system pressure in southwest Butler County, which is the service territory near the TGP Pittsburgh Terminal. As a result, the Company reinstated the purchase of delivered gas at the TGP Pittsburgh Terminal for the 2020/2021 winter through an RFP process. Peoples Gas entered into an agreement with a supplier to make deliveries ranging from zero Dth/day to 5,000 Dth/day. The agreement included no reservation fee. The agreement specified baseload supply pricing at the INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200 Leg for that month plus a premium. For daily requested quantities, the

proposal specified a premium related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow.

6. Term and Spot Gas Supply Contracts – “Term” gas supply contracts are gas purchase agreements with duration greater than one month for a firm amount. Spot-market contracts are negotiated on a monthly or daily basis. Peoples Gas does not purchase any interstate gas supplies on a term basis. Rather, Peoples Gas enters into numerous spot-market gas purchase contracts with various entities in order to fill storage under its interstate pipeline storage agreements or to deliver gas to the city-gate as needed throughout the year.

7. Local Gas Purchases - Locally produced, Appalachian Gas has always been a significant source of gas on the Peoples Gas system for both system supply and the transport market. Such gas is produced from approximately 2,000 supply meters. Each meter may have multiple wells tied to the supply meter. The gas is produced primarily from conventional shallow gas wells but an increasing amount of local gas is available from Marcellus Shale wells. This supply provides a steady, year-round base load gas supply produced directly into Peoples Gas’s pipeline system. Peoples Gas’s pipeline system was designed and has operated to accommodate this economic source of local supply.

The Company purchases Pennsylvania gas supply under “Dedicated” (formally known as “life-of-the-well”) contracts, “Non-Dedicated” (formally known as “year-to-year”) contracts and “Vintage” contracts. None of Peoples Gas’s Pennsylvania gas purchase contracts contain express take-or-pay, minimum bill, monthly demand, reservation fee, or penalty provisions.

Dedicated Agreement - Dedicated contracts for gas purchases from local Pennsylvania producers are made pursuant to several forms of “standard” gas purchase agreements that have been used by Peoples Gas from time to time over the years. As noted above, almost all of those agreements have provided for a term equal to the productive life of the covered gas wells.

The purchase price for these Dedicated Agreements was revised on March 1, 2014, to better reflect current market pricing for such production. It was revised to be Inside F.E.R.C.’s Gas Market Report, “Price of Spot Gas Delivered to Pipelines,” for deliveries of Appalachian production into Dominion’s dry transmission system for first of the month (a.k.a. FOM Dominion South Point Index). Prior to this, the monthly-adjusted purchase price per MMBtu was equal to the sum of (i) the arithmetic average of the NYMEX natural gas futures closing settlement prices for the last five trading days for the applicable month, and (ii) the arithmetic average of the respective interstate pipeline firm transportation service commodity rates and fuel costs for the interstate pipeline interconnections with Peoples Gas. Prior to January 1, 2012, a Dedication Incentive Amount, as defined in the gas purchase agreement, was included in the previous form of standard contract. The revisions were approved as part of the settlement of Peoples Gas’s 1307(f)-2014 proceeding at Docket No. R-2014-2399598.

Non-Dedicated Agreement - Peoples Gas also offers Pennsylvania producers the option of selling new supplies of Pennsylvania natural gas pursuant to a gas purchase agreement having a one-year term, which incorporates a year-to-year evergreen clause giving either party the option to terminate effective on the anniversary date upon specified prior written notice. The purchase price under the one-year agreement is identical to the purchase price calculated under the Dedicated gas purchase agreement described above, which is FOM Dominion South Point Index,

as revised on March 1, 2014. Eighty-Four percent (84%) of the Local Gas purchased by Peoples Gas is priced at this Index Price.

Vintage Agreement – The two types of vintage contracts that Peoples Gas has utilized are fixed price contracts and percent of market contracts. The fixed price Vintage Agreements currently represent only 1% of Peoples Gas total local purchases and were entered into many decades ago with a fixed price by which all gas would be purchased under the contract for the life of the well. The percent of market contracts also represent only 1% of Peoples Gas total local purchases and were formerly fixed price vintage contracts that were amended to become market based contracts upon completion of certain commitments made by the producers and approved in prior PGC settlements. There are two tiers of these contracts. The first tier is for producers with volume between 10,000 Mcf/year and 250,000 Mcf/year and the second tier is for producers with volume in excess of 250,000 Mcf/year.

A proposal was approved as part of the settlement of Peoples Gas's 1307(f)-2014 proceeding at Docket No. R-2014-2399598 to re-price and eventually release meters with continuous production of less than 10 Mcf/day from dedication to the utility. This change was made effective August 1, 2014.

Where practicable and reasonable, the Company will also attempt to convert non-standard price contracts to standard pricing. This will assist with standardizing the Company's local gas purchase agreements and getting producers to execute Peoples Gas's current Master Interconnect and Measurement Agreement.

8. Peoples Natural Gas Company LLC

Exchange Agreement - Peoples Gas and Peoples Natural Gas originally entered into an exchange agreement approved at Docket No. G-2011-2265150. After the original exchange agreement was filed for approval, Peoples Natural Gas and Peoples Gas worked with Commission Staff as well as the state advocates to address any issues they had regarding the exchange agreement. As a result, Peoples Natural Gas and Peoples Gas filed an amended exchange agreement on January 5, 2012, which includes various commitments made by Peoples Natural Gas and Peoples Gas in order to resolve those issues. The amended agreement was approved by the Commission on March 15, 2012.

On June 4, 2012, the Companies made a filing requesting Commission approval of a First Amendment to the Gas Exchange Agreement to add a temporary point of interconnection and exchange. The filing was approved by Secretarial Letter issued on July 13, 2012.

On October 26, 2012, the Companies made a filing requesting Commission approval of a Second Amendment to the Gas Exchange Agreement to add an additional point of interconnection and exchange. The filing was approved by Secretarial Letter issued on January 29, 2013.

On November 21, 2013, the Companies made a filing requesting Commission approval of an Amended and Restated Gas Exchange Agreement (the "A&R GEA") which was designed to accommodate the Companies' ongoing system improvement plans. The Companies are in the midst of a twenty-year plan to replace their entire systems of unprotected bare steel pipe and

associated facilities. With geographically overlapping distribution systems, the Companies anticipate that the requests for new interconnection points are likely to increase. The A&R GEA permits the Companies to install up to 15 new interconnection points without pre-approval, per calendar year, provided that, amongst other things, each new interconnection point does not exceed \$250,000 in costs and each new interconnection point results in projected cost savings to the installing Company. The filing was approved by Secretarial Letter issued on May 27, 2014.

On June 26, 2014, Peoples Natural Gas and Peoples Gas filed a petition for Accounting and Regulatory Approvals at Docket No. P-2014-2429346. Among other things, this petition requested approval of another exchange agreement between the Companies that will encourage efficient pipeline replacement by, for example, allowing one company to abandon a pipeline that is due for replacement and continuing service to the customers formerly connected to that pipeline by connecting them to a duplicative pipeline owned by the other company. The resulting gas exchange will use the delivery points from the above-referenced A&R GEA to balance deliveries under the new agreement. Parties to that proceeding reached a settlement to resolve all issues. The settlement was approved on December 18, 2014.

Peoples Gas Company
Summary of Pipeline Contracts

Pipeline	Firm Storage & Related Transportation Service	Contract Number	Contract Volume (MDQ-Dth)	Contract Volume (Capacity-Dth)	Expiration Date
Columbia Gas Transmission	FSS (Market Area Storage)	53012	4,918	256,467	3/31/2022
	FSS (Market Area Storage)	50112	5,889	353,360	3/31/2022
	SST (Storage Transportation)	38091	4,918		3/31/2022
	SST (Storage Transportation)	50113	5,889		3/31/2022
	FTS (Firm Transportation)	133308	3,257		3/31/2022
Texas Eastern	FT (Firm Transportation)	911299	10,000		10/31/2030
Eastern Gas Transmission and Storage*	GSS (Market Area Storage)	300091	5,000	300,000	3/31/2022
	GSS (Market Area Storage)	300098	10,000	600,000	3/31/2022
	GSS (Market Area Storage)	300104	10,000	600,000	3/31/2022
	GSS (Market Area Storage)	300192	10,000	600,000	3/31/2029
	FTGSS (Storage Transportation)	700037	5,000		3/31/2022
	FTGSS (Storage Transportation)	700039	10,000		3/31/2022
	FTGSS (Storage Transportation)	700042	10,000		3/31/2022
	FT (Firm Transportation)	200623	10,000		10/31/2029
Equitrans	60SS (Market Area Storage) (a)	772	44,917	2,450,000	3/31/2034 1/
	60SS (Market Area Storage) (a)	772	72,417	4,000,000	3/31/2034 2/
	NOFT (Firm Transportation) (a)	771	60,000		3/31/2034 1/
	NOFT (Firm Transportation) (a)	771	72,417		3/31/2034 2/

(a) these contracts include escalating contract volumes aligned with the expiration of Dominion contracts.

1/ effective 4/1/2018 until 3/31/2022

2/ effective 4/1/2022

* Previously Dominion Transmission - Changed name 11/1/2020

Peoples Gas
1307(f) - 2021

Section 53.64(c)(2):

Notwithstanding paragraph (1), requests for confidential treatment of a submission required to be filed under §§ 53.61—53.63, this section and §§ 53.65—53.68 shall be made at the time the supporting information is submitted to the Commission. The information need not be served on another person until the request for nondisclosure is decided by the administrative law judge assigned to the proceeding and will be served under separate cover. The Commission will restrict access to this information pending its determination. The administrative law judge will make the determination within 15 days of the date the administrative law judge is assigned to the proceeding.

* * * * *

Response:

Peoples Gas does not request confidential treatment of any submission made as part of this original pre-filing information, with the exception of the detailed pipeline system map referred to in response to Section 53.64(c)(10). Peoples Gas reserves the right to seek confidential treatment of any subsequent submissions made in the context of discovery or during the course of this proceeding and is willing to make confidential information available to certain parties pending receipt of the presiding ALJ's Order on nondisclosure, but only subject to confidentiality agreements acceptable to Peoples Gas.

Peoples Gas
1307(f) – 2021

Section 53.64(c)(3)

A complete listing of sources of gas supply transportation or storage and their costs, including shut-in and curtailed sources of supply, both inside and outside this Commonwealth considered by or offered to the utility but not chosen for use during the past 12 months, which 12-month period shall end 2 months prior to the date of the tariff filing, and the reasons why the gas supply, transportation or storage was not selected for use as a part of the utility's supply mix. A similar listing of gas sources, transportation or storage and associated projected costs offered or considered but not chosen to meet supply for the next 20 months, along with reasons for non-selection.

* * * * *

During the 1990's, Peoples Gas (formerly, Peoples TWP) purchased interstate gas supplies on both a firm winter term basis and a spot basis. More recently, due to the need to be able to accept delivery of contracted local production purchases and to cycle storage inventories under potentially warm winter weather conditions, which together would largely preclude the need to purchase flowing interstate gas supplies, Peoples Gas purchased only spot market gas supplies on a month to month or shorter term, as needed, basis. The natural gas spot market has evolved to the point where suppliers are no longer providing formal "bids" for gas supplies on a monthly basis to Peoples Gas as was done in the past. Once it is determined how much spot gas supplies Peoples Gas's retail customers will need on the interstate systems for the upcoming month or portion of a month, buyers begin the process of contacting suppliers and negotiating price for those supplies. This negotiation process is completed primarily via Instant Messaging and telephone. The economics of the supply alternatives are continuously updated throughout the period during which supplies are sought to determine, at the particular point in time purchases are made, the least costly combination of gas supply and transportation alternatives then available for delivery of supplies to Peoples Gas's city-gates. At the time of the negotiation, both buyer and seller have available to them the instant NYMEX screen price and general basis differentials from the NYMEX reference point to the receipt points where supplies are needed and other price discovery mechanisms. If buyer and seller can come to acceptable terms, a deal for supply is then completed.

In March 2020, Peoples Gas issued an RFP for deliveries to its TGP meters at Pitt Terminal from November 2020 through March 2021. Approximately twenty potential suppliers were solicited and five proposals were received. Peoples Gas entered into an agreement with one supplier to make deliveries ranging from zero Dth/day to 5,000 Dth/day. The agreement included no reservation fee. The agreement specified baseload supply pricing at the INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200 Leg for that month plus a premium. For daily requested quantities, the proposal specified a premium related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow. For the November 2020 through March 2021 period, Peoples Gas rejected four less competitive offers related to its TGP meters supply RFP.

No other sources of gas supply, transportation, or storage were considered by or offered to the utility but not chosen for use during the 12-month period ending January 31, 2021.

Any other capacity or supply arrangements offered or considered but not chosen to meet supply for the next 20 months will be discussed in the testimony of Steven Kolich (Peoples Gas Statement No. 2).

Peoples Gas Company
Docket No. R-2021-3023967

For the Twelve Months Ending December 31, 2020

Section 53.64(c)(4):

An annotated listing of Federal Energy Regulatory Commission or other relevant non-Commission proceedings, including legal action necessary to relieve the utility from existing contract terms which are or may be adverse to the interests of its ratepayers, which affect the cost of the utility's gas supply, transportation or storage or which might have an impact on the utility's efforts to provide its customers with reasonable gas service at the lowest price possible. This list shall include docket numbers and shall summarize what has transpired in the cases, and the degree of participation, if any, which the utility has had in the cases. The initial list filed under this paragraph shall include cases for the past three years. Subsequent lists need only update prior lists and add new cases.

* * * * *

Overview

Peoples Natural Gas Company LLC ("Peoples Natural Gas") and Peoples Gas LLC ("Peoples Gas") (collectively, "the Peoples LDCs"¹), monitor proceedings before the Federal Energy Regulatory Commission ("FERC") and undertake legal action as necessary to protect the interests of the ratepayers of the Peoples LDCs. The Peoples LDCs continually assess strategic and cost effective means of tracking the rate, tariff and certificate filings of the interstate pipelines by which they are served, as well as significant generic FERC proceedings which may affect the cost of gas supplies purchased on the interstate system or otherwise affect the services that the Peoples LDCs provide to their customers.

The Peoples LDCs' combined efforts to monitor and participate in FERC proceedings also promote use of a combined annotated listing to satisfy the filing requirement of Section 53.64(c)(4). To this end, the FERC rulemakings and interstate pipeline cases affecting one or both of the Peoples LDCs will be combined to generate the annotated listing of FERC cases set forth in each company's 1307(f) pre-filing. This filing will contain an annotated listing of FERC rulemakings and interstate pipeline cases affecting one or both of the Peoples LDCs for the period January 1, 2020 through December 31, 2020, including what has transpired in each case, and the degree of the Peoples LDCs' participation, if any.

¹ The Peoples LDCs also monitor FERC proceedings on behalf of affiliate Peoples Gas WV LLC ("Peoples WV" or "PWV") and the term "the Peoples LDCs" may include Peoples WV with regard to the proceedings of Equitrans, L.P.

Representatives for the Peoples LDCs will continue to participate in pertinent customer meetings, conference calls, webcasts and seminars sponsored by the interstate pipeline companies through which they are served. Participation in these meetings and seminars and other industry programs has helped the Peoples LDCs to remain informed about pending cases and current issues that could affect the cost and availability of their gas supplies on the interstate system.

PIPELINE PROCEEDINGS

Participation

From time to time, the Peoples LDCs have intervened in, monitored the progress of, and occasionally submitted written comments in FERC proceedings. Currently, Peoples Natural Gas monitors Dominion Energy Transmission, Inc. (“Dominion” or “DETI”)², Equitans (“Equitans” or “ETRN”), National Fuel Gas Supply Corporation (“National Fuel” or “NFG”) and Texas Eastern Transmission, LP (“Texas Eastern”) because the outcome of the FERC proceedings of these interstate pipelines may directly affect the services that Peoples Natural Gas provides to its customers. Similarly, Peoples Gas Company presently monitors Dominion, Equitans and Columbia Gas Transmission, LLC (“Columbia”), the three interstate pipelines from which Peoples Gas receives service. Typically, the Peoples LDCs do not intervene in the FERC proceedings of an interstate pipeline when they are not a customer of that pipeline or do not have a significant or direct interest in the outcome. Nonetheless, from time to time the Peoples LDCs also monitor the rates and, on a more limited basis, may review the FERC proceedings of other interstate pipelines where they have a continuing interest due to historical relationships or potential interest in receiving service in the future (e.g., Tennessee Gas Pipeline Company, LLC (“Tennessee” or “TGP”)). In addition, the Peoples LDCs may review FERC orders on non-supplier pipelines that may have precedential value.

Annotated Listings of Proceedings

Schedule A includes an annotated listing of pipeline proceedings, including docket numbers, a summary of what has transpired in the case and its status, and the degree of participation for Peoples Natural Gas and/or Peoples Gas Company. The listing covers pipeline filings submitted during the period January 1, 2020, through December 31, 2020.

Schedule B also includes a separate listing of pipeline proceedings monitored and reviewed by Peoples LDCs representatives during the same period but which no further action was required beyond, in some cases, an intervention. Some of these dockets involve routine annual or semi-annual cost tracking filings that are submitted pursuant to already-accepted settlements or tariff provisions. Other dockets involve either non-substantive tariff changes or routine reports filed pursuant to

² Dominion Energy Transmission changed its name to Eastern Gas Transmission and Storage Company (“EGTS”) late in 2020. For the majority of the year it was still known as Dominion Energy and appears as Dominion Energy in this year’s filing.

approved settlements or tariff provisions. Generally, there are no protests or adverse comments regarding these routine filings when the pipelines follow the cost tracking and reporting procedures set forth in effective pipeline tariffs or settlements. Typically, in these routine or non-substantive proceedings, the FERC accepts the rate change or report without conditions or further action and, with regard to routine pipeline reports, the FERC may not issue orders where no objections are filed.

FERC RULEMAKINGS AND OTHER INQUIRIES

Participation

From time to time, the FERC issues a notice of proposed rulemaking (“NOPR”), a notice of inquiry (“NOI”), or a policy statement on topics of interest to the natural gas industry. These notices are reviewed and an assessment is made of the Peoples LDCs’ interest in the subject matter. The Peoples LDCs monitor the progress of all such proceedings of interest and will participate in a significant generic FERC proceeding if their interests are not covered by others.

In addition, Peoples LDCs’ personnel participate in certain industry organizations, which were formed to advance the collective interest of their members. These organizations often offer members access to full-time consultants without payroll expenses. Given the short lead times allowed for preparation of comments, associations can channel resources, information, and ideas into the federal rulemaking process with efficiency and at little cost.

The American Gas Association (“AGA”) is a group representing more than 200 local energy companies that deliver clean natural gas throughout the United States. The AGA reports that there are more than 74 million residential, commercial and industrial natural gas customers in the U.S., of which 95 percent – more than 71 million customers – receive their gas from AGA members. The AGA acts as an advocate for local natural gas utility companies who take service from virtually every interstate natural gas pipeline regulated by the FERC under the Natural Gas Act and participates in rulemakings and other generic policy dockets that affect its members’ interests. The AGA also monitors and participates from time to time in issues at other agencies and commissions (e.g., the Commodities Futures Trading Commission and the Pipeline and Hazardous Materials Safety Administration (“PHMSA”)) that impact gas utilities and energy consumers. Generally, with the active participation of the AGA FERC Regulatory Committee as an advocate for local natural gas utility companies, the need for individual local distribution companies to participate directly in rulemaking proceedings is minimized. Peoples LDCs’ representatives participate on AGA committees.

From time to time the AGA also files comments with regard to the FERC’s proposals to incorporate into its regulations business practice and electronic communications standards developed by the North American Energy Standards Board (“NAESB”). The NAESB holds itself out as an industry forum for the development and promotion of standards that will lead to a seamless marketplace for wholesale and retail natural gas and electricity. Formed in January 2002, the NAESB

is an independent and voluntary organization that develops and promotes the use of business practices and electronic communications standards for the wholesale and retail natural gas and electricity industries.

Annotated Listings of Rulemakings and Other FERC Proceedings

Normally, Schedule C provides a listing of a number of “FERC Rulemakings” in which the AGA participated during the period January 1, 2020, through December 31, 2020, including a description of the status and what has transpired in each proceeding. In addition to those rulemakings listed, the AGA intervenes, participates, and files comments from time to time in proceedings that may not directly or significantly impact the Peoples LDCs or their interstate pipeline service providers. Schedule C is omitted this year because any such proceedings that had direct impacts on pipelines that service Peoples LDCs are described in Schedule A.

Historically, the Peoples LDCs have also included a Schedule D, a description of Peoples LDCs’ filings made with the FERC related to the rates charged for or rules applied to FERC-jurisdictional services provided by the Peoples LDCs. In this reporting period, no such filings were made and schedule D is omitted this year.

SCHEDULE A

PIPELINE PROCEEDINGS

Columbia Gas Transmission, LLC (Peoples Gas only)

Right of First Refusal (“ROFR”) Waiver

RP20-667

Summary: On March 20, 2020, Columbia filed a petition for Limited Tariff Waiver. Columbia inadvertently failed to post Peninsula Energy’s capacity per its tariff section VII.4.a after a change in Peninsula Energy’s ROFR election.

Upon discovering the error, Columbia posted the capacity and received no bids, indicating no harm to other shippers. FERC approved the waiver on October 16, 2020.

X-103 Abandonment

RP20-783

Summary: On April 14, 2020, Columbia filed a petition to abandon tariff service X-103. The X-103 service was an exchange agreement between Columbia and Texas Eastern that Columbia relied on to move customer gas from the western to eastern portions of its system. Texas Eastern canceled the arrangement due to changes in its own system.

FERC accepted the change on April 30, 2020.

Prepayment

RP20-812

Summary: On April 29, 2020, Columbia filed to amend its General Terms and Conditions (“GT&C”) to allow prepayment of service. Prepayment of service satisfies credit requirements under the new language contained in the GT&C. The change was accepted by FERC on May 14, 2020.

Recontracting

RP20-813

Summary: On April 29, 2020, Columbia filed language in its GT&C allowing the shipper and Columbia to mutually agree on early termination. This provision would be used when both parties agree to allow the capacity to be repurposed, generally with the same shipper.

There were no objections and the FERC approved the language on May 14, 2020.

Reservation Charge Credits

RP20-857

Summary: On May 1, 2020, Columbia filed language in its GT&C to change how volumes are determined for reservation charge credits. The pipeline proposed to change the calculation from nominated volumes to average daily volumes for the prior seven days nominated between primary points when the pipeline gives prior notice of an outage.

Columbia also changed from the no-profit method of calculating reservation credits to the safe harbor method, consistent with the recent FERC policy allowing outages of up to ten days before requiring pipelines to refund reservation charges.

On May 13, 2020, protests were filed by Appalachian Basin Shippers, the Cities of Charlottesville and Richmond, and a shipper consortium led by EQT Energy. Protestors objected to the new method arguing that Columbia can reduce reservation credits simply by posting the outage. Furthermore, Protestors argued that the average daily flow calculation does not provide for the different usage patterns of producers and end users. Finally, Protestors argued that the average use on no-notice contracts was not a valid indicator of the harm done to a shipper who has restricted use of such a contract.

To address these concerns, Columbia proposed on May 22, 2020, to calculate volume by using the same period from the prior year, among other remedies. FERC accepted Columbia's tariff with these proposed changes on May 29, 2020.

Base Rate Case

RP20-1060

Summary: On July 31, 2020, Columbia filed for a Section 4 base rate increase. In addition to the increase, Columbia proposed rolling in its current Capital Cost Recovery Mechanism (“CCRM”) costs to base rates, initiating a new CCRM tracker, and proposed a preferred case in which its system would have an East and West rate zone, though rates were also proposed using the existing structure. The change in rate zone stems from increasing difficulty in reaching east coast delivery points on peak days because most storage is located in Ohio, the far western portion of the system.

Protests varied depending on each shipper's position on the system and their view on certain Columbia rate constructs. While all shippers protested the very large rate increase, only some protested the Operational Transaction Rate Adjustment (“OTRA”), with others arguing it should remain as is. Continuation of the CCRM tracker was opposed by a number of shippers as well, citing FERC policy that rates should be reviewed *before* introducing such a tracker. Columbia's new tariff language outlining hourly takes as 1/24th of daily allowances was also protested. Finally, some parties argue that Columbia filed earlier than permitted by its Modernization II settlement with shippers, which provided a longer stayout unless legislation not contemplated at the time of the settlement was enacted affecting Columbia's costs.

On August 12, 2020, Peoples Gas filed a protest focused on the reasonableness of the rates, leaving other topics for negotiation.

On August 21, 2020, Columbia responded to protests. It stated that it was within the confines of the Modernization II settlement, which provided the earlier filing date if new regulations requiring construction were enacted, which, according to Columbia,

occurred with the PHMSA Mega Rule. It also provided defenses similar to those already in case testimony for the contemporaneous modernization tracker, limits on hourly takes and the standard cost drivers such as Return on Equity (“ROE”).

On August 31, 2020, FERC accepted and suspended Columbia’s rate increase for the maximum term of five months.

Confidential negotiations continued through the remainder of the year.

As of December 31, 2020, settlement had not been reached.

Dominion Energy Transmission, Inc. (Peoples Natural Gas & Peoples Gas)

RNG Gas Quality

RP21-144

Summary: On October 30, 2020, Dominion filed a Petition to add gas quality standards for Renewable Natural Gas (“RNG”) in the General Terms and Conditions of its tariff. Although numerous shippers intervened, only two protested, Aria Energy, a Renewable Natural Gas (“RNG”) producer, and the RNG Coalition both protested on November 12, 2020.

On November 30, 2020, The FERC suspended the new language until May 1, 2021 and called a technical conference. The FERC concluded that RNG industry standards may need to be reconsidered in light of the growing amount of interest in RNG. On December 16, 2020, the technical conference was set for January 28, 2021.

As of December 31, 2020, this issue was still pending settlement.

Name change

RP21-294

RP21-295

Summary: On December 3, 2020, Dominion filed to change its name to Eastern Gas Transmission and Storage after being purchased by Berkshire Hathaway. The tariff was replaced in its entirety and the Dominion tariff cancelled. The Company’s name changed on November 5, 2020.

On December 21, 2020, FERC accepted both filings.

Equitans, L.P. (Peoples Natural Gas & Peoples Gas)**Equitans Expansion Project (Redhook Compressor)****CP16-13**

Summary: On October 27, 2015, Equitans filed to construct the Redhook Compressor which would dramatically change the flows on Equitans moving gas from north to south to a new interconnect with the proposed affiliate, Mountain Valley Pipeline. The current system is designed to bring gas from West Virginia and counties south of Pittsburgh to the city and nearby interstate pipelines. Due to the proliferation of production from the Marcellus shale formation, Equitans is proposing to reconfigure its system so that gas will flow in a north to south direction to new markets to be served by the proposed Mountain Valley Pipeline.

The project will be anchored by EQT Energy, an affiliate of Equitans at the time of filing. Equitans submitted information to show that the proposed rates are sufficient to pay for the project and to keep existing shippers from subsidizing the new construction.

The Peoples LDCs initially intervened in the case on November 12, 2015 and filed initial comments on November 26, 2015, voicing concerns about the reliability of service from Equitans once this project goes into service. After several months of discussions with Equitans, Peoples Natural Gas filed a protest on February 23, 2016. In the protest, Peoples outlined several areas of concern while stressing it is not opposed, in principle, to an Equitans expansion. Peoples Natural Gas explained that it was concerned about flow changes on Equitans' system, potential reliance on Equitans use of displacement to provide for service, and delivery point pressures. Peoples Natural Gas proposed a technical conference.

Equitans responded on March 10, 2016. Its answer stated that, because gas flows are controlled by nominations, there was little risk of the problems Peoples Natural Gas described. In fact, Equitans asserted, because the project brings gas volumes into Equitans closer to Pittsburgh, it will benefit the northern end of the system and improve reliability to Peoples Natural Gas. Equitans further explained that Peoples Natural Gas proposed remedies, such as pressure guarantees, are not permissible under the pipeline's current tariff. Finally, the Equitans claimed that the Peoples Natural Gas system contributed to some of the operational shortfalls in recent history and that those shortfalls were not the fault of Equitans.

Peoples Natural Gas filed its response to Equitans on May 6, 2016, challenging some of the Equitans' modeling assumptions and assertions as to the inadequacy of Peoples Natural Gas facilities.

On June 28, 2016, the FERC issued its schedule for environmental review indicating that the Environmental Impact Statement would be available by March 10, 2017.

On August 4, 2016, Peoples Natural Gas requested a deferral of the Technical Conference while it attempted to reach agreement with Equitans.

On September 16, 2016, a draft Environmental Statement was released, indicating that all substantial impacts could be sufficiently mitigated. This drew a number of new comments from various environmental groups, conservation groups, and individuals.

On April 18, 2017, Peoples Natural Gas withdrew its comments, satisfied with Equitans' explanation of the project and how gas flows in the Pittsburgh region would be affected.

The Final Environmental Impact Statement was issued on June 23, 2017. After several construction delays, the project was placed into service in the summer of 2019 although the related Mountain Valley project (CP16-10) was not yet complete at that point. The project is currently the subject of numerous protests and FERC scrutiny, which is outside the scope of this review.

Gathering Abandonment

CP20-312

Summary: On April 30, 2020, Equitans filed to abandon, either by sale or in place, gathering assets that are no longer economically practical. Unusually, due to the number of utility customers, Equitans requested approval for abandonment in one year's time after FERC approval. The utility customers affect several utilities in West Virginia (including Peoples Gas WV) and Peoples Natural Gas Company in Pennsylvania.

On May 19, 2020 the Public Service Commission of West Virginia ("PSCWV") filed a motion for extension of time, stating that it required an additional 30 days to file comments. The PSCWV noted that 3,500 utility customers were affected in West Virginia and FERC staff was not equipped to evaluate the filing by the May 28, 2020 deadline due to the Covid-19 related "Stay-At-Home" Order. Equitans responded on May 20, 2020, asking that FERC grant only a 14 day extension.

On May 22, 2020, the WV Consumer Advocate Division (“CAD”) filed comments focused on the Crawford Affidavit, agreed to by Equitable Resources in the 2008 Base Rate Gas of Equitable Gas Company (predecessor of Peoples Gas WV). Equitable Resources was, at that time, the parent company of Equitable and Equitans. The affidavit acknowledges authority over abandonment of gathering systems to the PSCWV when utility customers are affected.

On May 28, 2020, Peoples Natural Gas and Peoples Gas WV filed a protest. The service to 2,500 Peoples Gas WV customers and 1,000 Peoples Natural Gas customers is affected by the proposed abandonment, with many customers potentially losing service altogether. Peoples argued that Equitans has provided service to these customers for decades and cannot simply abandon that obligation. Peoples further argued that the obligation to serve customers was already underway in a PSCWV proceeding and Equitans should be subject to that proceeding rather than undermining it by seeking FERC approval.

On June 12, 2020, Equitans argued that it had given ample time to find a solution, including an offer for Peoples LDCs or other utilities to acquire the assets, despite their poor condition, to continue to serve customers. Equitans argued that, to avoid taking responsibility for its customers, Peoples was using delay tactics. Equitans also argued that the Crawford Affidavit did not apply once the Company reorganized and that the act of reorganization voided the Crawford Affidavit.

On June 29, 2020, Peoples LDCs clarified that rather than delaying, it believed that the PSCWV holds jurisdiction in West Virginia and that the FERC cannot issue a filing prior to an order from the state regulatory body. Peoples LDCs further argued that Equitans’ claim that the FERC does not have jurisdiction over gathering assets was not germane to the situation and that the FERC cannot supersede the PSCWV when it doesn’t have jurisdiction.

The PSCWV argued on June 29, 2020 that the PSCWV jurisdiction rested in the Crawford Affidavit and did not accept Equitans’ argument that it was invalidated by the Equitans’ reorganization.

On December 9, 2020, Peoples LDCs filed with the FERC to state that, in the PSCWV case, the PSCWV ruled that Equitans does need approval by the state authority to abandon facilities that affect customers and asked the FERC not to give Equitans fuel to challenge the PSCWV order by continuing to use jurisdictional uncertainty.

As of December 31, 2020, the case was still pending with both Commissions.

National Fuel Gas Supply Corporation (Peoples Natural Gas only)

Section 4 Rate Case Filing

RP19-1426

Summary: On July 31, 2019, National Fuel filed for a Section 4 Rate Increase that would increase base rates over 50%. In addition, it requested approval of a Modernization tracker as the National Fuel plans to aggressively replace pipe due to the PHMSA Mega Rule.

The majority of shippers, including Peoples Natural Gas, filed protests on August 13, 2019. On August 30, 2019, the FERC accepted and suspended National Fuel's revised rates for the maximum period.

While still in negotiations, National Fuel placed proposed rates into effect on February 1, 2020, subject to refund.

On February 19, 2020 (and corrected on February 26, 2020), National Fuel filed to place interim rates into effect retroactively to February 1, 2020, having substantially reached settlement with shippers. The interim rates proposed were identical to the settled rates to be submitted, thus eliminating the need for refunds. The settlement rates increased costs for Peoples Natural Gas ratepayers by approximately \$230,000 per year.

On March 13, 2020, National Fuel filed its settlement agreement with shippers reflecting the interim rates filed on February 19, 2020, as well as other provisions, including the elimination of the X-54 storage service, terms for a replacement to the Pipeline Safety/Greenhouse Gas ("PS/GHG") surcharge, and stayout and comeback provisions in which National Fuel's next rate case should provide for rates to go into effect between February 1, 2024 and February 1, 2025.

FERC approved the settlement on June 1, 2020.

PS/GHG Surcharge True Up

RP20-659

Summary: On March 16, 2020, National Fuel filed a one-time true-up surcharge for the remaining balance uncollected in its PS/GHG tracker (Modernization tracker per FERC policy). The mechanism expired on February 1, 2020 by its original design and the true-up surcharge was used to clear the remaining balance.

Indicated Shippers (Direct Energy Business Marketing and Shell Energy North America) filed comments on March 30, 2020. Indicated Shippers argued that National

Fuel, though it has a PS/GHG tracker, did not have a tariff rate for this true up mechanism and may therefore have been in violation of Section 4 of the National Gas Act. They further argued that, although the current tariff required this true up adjustment, it must still make a tariff change filing to charge this new rate. Finally, Indicated Shippers argued that the PS/GHG tracker expired due to the filing of National Fuel's rate case (RP19-1426) but the rate case settlement provided for the tracker anew and, therefore, no true up was necessary.

On April 6, 2020, National Fuel argued that the terms of the rate provision and tariff language required it to file the true up and that it couldn't roll the cost on to the new PS/GHG tracker from a rate that had already expired to a new one that had not yet begun.

On June 1, 2020, the FERC found that the pipeline had correctly implemented the true up surcharge and approved it.

Abandonment of X-54 Storage Service

RP20-1169

Summary: On September 4, 2020, National Fuel filed to remove X-54 storage service from its tariff proposed in its 2019 Rate Case (RP19-1426). National Fuel argued that the exchange service with Transco pipeline, the sole customer under the non-conforming service, was no longer necessary. FERC approved the removal of the service on September 24, 2020.

Texas Eastern Transmission, LP (Peoples Natural Gas & Peoples Gas)

Section 4 Rate Case Filing

RP19-343

Summary: On November 30, 2018, Texas Eastern filed for a Section 4 rate increase of \$362 million. As related to transportation service for Peoples Gas, the rate for firm transportation service within Zone M2 was proposed to increase by 9%. For transportation service purchased by Peoples Natural Gas, the Zone M1 to Zone M3 rate was proposed to increase by 49%.

Numerous protests were filed, including that of the Peoples LDCs on December 12, 2018. On December 31, 2018, the FERC accepted and suspended Texas Eastern's revised rates to be effective June 1, 2019, subject to refund.

Parties negotiated throughout most of 2019 to reach a settlement. Given the changes to flow since the previous rate case 28 years earlier, rate design, specifically the allocation of costs to the various Texas Eastern zones, was an important issue.

Parties, including FERC staff, reached agreement and the settlement was filed on October 28, 2019. The settlement was supported or not opposed by all parties save one, an independent power producer who initially opposed the settlement. On December 19, 2019, that shipper withdrew its opposing comments and was no longer a contesting party.

The settlement was approved by the FERC on February 25, 2020. Texas Eastern made its compliance filing on April 21, 2020, with refunds dating back to June 1, 2019 to reflect the settlement rates.

ASA Methodology Change

RP20-1194

RP21-234

Summary: On September 16, 2020, Texas Eastern filed to adjust the language in the General Terms and Conditions related to the ASA (retainage) calculation. Per the terms of the rate case settlement (RP19-343) Texas Eastern will separately calculate the rate component by transportation path.

FERC accepted the new language on October 23, 2020. Texas Eastern made a compliance filing on November 20, 2020.

PCB Surcharge update

RP21-153

Summary: On October 30, 2020, Texas Eastern filed to update its Polychlorinated Biphenyl (“PCB”) tracker. Per settlement with shippers, Texas Eastern could not add more than five million dollars of cost in a given year. The annual costs for PCB remediation were in excess of five million, thus, the maximum allowable was requested in the tracker.

On November 2, 2020, EQT Energy protested, arguing that Texas Eastern did not use the correct PCB cost data, and had used inaccurate data in prior years. According to EQT Energy, Texas Eastern did not use the correct year to compute costs per settlement terms, and the errors from prior years affected the current filing as well as caused the continued use of the incorrect annual data. The correct “year,” according to the

settlement, is December 31 through November 30 of the following year. EQT Energy further argued that monitoring was required to determine if Texas Eastern was in compliance with other terms of the settlement, most notably that it not reallocate PCB costs from shippers that are not obligated to pay them through negotiated rates.

On November 20, 2020, the FERC accepted and suspended the PCB tracker rates pending further review.

As of December 31, 2020, this issue was still under review at FERC.

SCHEDULE B

CP21-8	Equitans filed to abandon Hunter's Cave storage well
RP20-376	Columbia files minor modification of storage ratchets
RP20-382	Columbia CCRM Tracker update
RP20-449	Equitans Sunrise Fuel Tracker update
RP20-525	Equitans update to Peoples Natural Gas AVC negotiated rate
RP20-530	National Fuel Retainage Tracker update
RP20-563	Equitans annual update to AVC storage retainage tracker
RP20-587	Columbia disclosure of Operational Transactions
RP20-615	Columbia RAM (Fuel and Retainage) Tracker update
RP20-620	Columbia EPCA Tracker update
RP20-622	Columbia TCRA Tracker update
RP20-751	Columbia OTRA Tracker update
RP20-799	Texas Eastern filed penalty revenue credits
RP20-839	Texas Eastern ASA Tracker update
RP20-906	Columbia reached a rate settlement with LNG shippers
RP20-956	Texas Eastern filed a prearranged settlement for the Farmersville lateral
RP20-988	Texas Eastern ASA tracker update
RP20-995	Columbia TCRA Tracker update
RP20-1009	Dominion filed Overrun Penalty Distribution
RP20-1245	Dominion EPCA Tracker update
RP20-1246	Dominion TCRA Tracker update
RP21-78	Texas Eastern Penalty Revenue Distribution
RP21-137	Equitans reported operational sales and purchases
RP21-142	Columbia OTRA Tracker update
RP21-170	Texas Eastern ASA Tracker update
RP21-243	National Fuel TSCA Tracker update

**Peoples Gas
1307(f) - 2021**

Section 53.64(c)(5):

A listing and updating, if necessary, of projections of gas supply and demand provided to the Commission for any purpose --see § 59.67 (relating to formats). In addition, provide an accounting of the difference between reported gas supply available and gas supply deliverable -- including storage-- from the utility to its customers under various circumstances and time periods.

* * * * *

Attached are Forms-IRP-GAS filed on February 28, 2020 and June 1, 2020 pursuant to the Commission's regulations at 52 Pa. Code §59.81 for Peoples Gas.



375 North Shore Drive
Pittsburgh, Pennsylvania 15212

Carol Scanlon
Manager, Rates and Regulation

Peoples Service Company LLC
Phone: 412-208-6931
Email: Carol.Scanlon@peoples-gas.com

February 28, 2020

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, Room N201
400 North Street
Harrisburg, Pennsylvania 17120

Re: 2019 INTEGRATED RESOURCE PLANNING – Peoples Gas Company LLC
M-2020-

Dear Secretary Chiavetta:

Enclosed is the original of the Peoples Gas Company LLC's Integrated Resource Planning (IRP) Forms 1A, 2A – Table 1 and 2A – Table 2 to be filed with the Pennsylvania Public Utility Commission ("Commission").

If you have any questions about these reports, please contact me.

Sincerely,


Carol Scanlon

Enclosures

CC: Pennsylvania Public Utility Commission
Bureau of Investigation and Enforcement
Bureau of Technical Utility Services
Office of Consumer Advocate
Office of Small Business Advocate

FORM-IRP-GAS-1A: ANNUAL GAS REQUIREMENTS
REPORTING UTILITY: Peoples Gas LLC

	Index Year: Actual Year:	Historical Data		Current Year		Three Year Forecast		
		-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023	
Firm Sales:								
Retail Residential		5,276	4,959	4,966	4,939	4,939	4,939	
Retail Commercial		1,620	1,427	1,409	1,409	1,409	1,409	
Retail Industrial		1	0	0	0	0	0	
Electric power generation		0	0	0	0	0	0	
Exchange w/ other utilities		0	0	0	0	0	0	
Unaccounted for		0	0	0	0	0	0	
Company Use		1,501	1,471	1,205	1,203	1,203	1,203	
Other (Off-system/Unbilled estimate)		107	88	88	88	88	88	
Subtotal Firm Sales		8,503	7,945	7,668	7,639	7,639	7,639	
Interruptible Sales:								
Retail		0	0	0	0	0	0	
Electric Power Generation		0	0	0	0	0	0	
Company's Own plant		0	0	0	0	0	0	
Subtotal Interruptible Sales		0	0	0	0	0	0	
Subtotal Firm and Interruptible Sales		8,503	7,945	7,668	7,639	7,639	7,639	
Transportation:								
Firm Residential		8	39	24	24	24	24	
Firm Commercial		1,309	1,248	1,295	1,295	1,295	1,295	
Firm Industrial		12,757	12,646	10,305	10,305	10,305	10,305	
Interruptible Residential		0	0	0	0	0	0	
Interruptible Commercial		0	0	0	0	0	0	
Interruptible Industrial		0	0	0	0	0	0	
Electric power generation		0	0	0	0	0	0	
Other - Off System Transport		852	329	329	329	329	329	
Subtotal Transportation		14,926	14,262	11,953	11,953	11,953	11,953	
Total Gas Requirements		23,429	22,207	19,621	19,592	19,592	19,592	
Increase (Decrease)			-1,222	-2,587	-29	0	0	
Percent Change (%)			-5%	-12%	0%	0%	0%	

FORM-IRP-GAS-2A: NATURAL GAS SUPPLY
 TABLE 1: ANNUAL SUPPLY
 REPORTING UTILITY: Peoples Gas LLC
 (Volumes in MMcf)

	Historical Data		Current Year		Three Year Forecast		
	Index Year: Actual Year:	-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023
Gas Supply for Sales Service							
Supply Contracts (Other)							
Spot Purchases		0	0	0	0	0	0
Storage Withdrawals		4,240	4,507	4,132	4,493	4,493	4,493
LNG/SNG/Propane Purchases		3,588	4,196	3,975	4,105	4,105	4,105
Company Production		0	0	0	0	0	0
Local Purchases		3,876	3,158	3,173	2,896	2,896	2,896
Exchanges with other LDCs		0	0	0	0	0	0
Other		0	0	0	0	0	0
Total Gas Supplies for Sales		11,704	11,861	11,280	11,494	11,494	11,494
Total Transportation Service		15,366	14,600	12,126	12,126	12,126	12,126
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE		27,070	26,461	23,406	23,620	23,620	23,620
Deductions							
Curtailments		0	0	0	0	0	0
Underground Storage Injections		3,641	4,254	3,785	4,028	4,028	4,028
LNG Liquefaction		0	0	0	0	0	0
Sales to other LDCs		0	0	0	0	0	0
Total Deductions		3,641	4,254	3,785	4,028	4,028	4,028
NET GAS SUPPLY		23,429	22,077	19,621	19,592	19,592	19,592

FORM-IRP-GAS-2A: NATURAL GAS SUPPLY

TABLE 2: PEAK DAY SUPPLY

REPORTING UTILITY: Peoples Gas LLC

(Volumes in MMcf)

	Historical Data		Current Year	Three Year Forecast			
	Index Year: Actual Year:	-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023
Gas Supply for Sales Service							
Supply Contracts (List)		7	0	3	3	3	3
Supply Contracts (Other)		19	4	10	14	14	14
Spot Purchases		92	81	107	108	108	108
Storage Withdrawals		0	0	0	0	0	0
LNG/SNG/Propane Purchases		0	0	0	0	0	0
Company Production		0	0	0	0	0	0
Local Purchases		9	11	7	7	7	7
Exchanges with other LDCs		0	0	0	0	0	0
Other		0	0	0	0	0	0
Total Gas Supplies for Sales		127	95	126	132	132	132
Total Transportation Service		28	60	50	47	47	47
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE		155	155	176	179	179	179
Deductions							
Curtailments		0	0	0	0	0	0
Underground Storage Injections		0	0	0	0	0	0
LNG Liquefaction		0	0	0	0	0	0
Sales to other LDCs		10	10	4	0	0	0
Total Deductions		10	10	4	0	0	0
NET GAS SUPPLY		146	146	172	179	179	179

1/ Current and Forecast years represent a system design day rather than historic peak day.



375 North Shore Drive
Pittsburgh, Pennsylvania 15212

Carol Scanlon
Manager, Rates and Regulation

Peoples Service Company LLC
Phone: 412-208-6931
Email: Carol.Scanlon@peoples-gas.com

June 1, 2020

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, Room N201
400 North Street
Harrisburg, Pennsylvania 17120

Re: 2020 INTEGRATED RESOURCE PLANNING – Peoples Gas Company LLC
M-2020-3015221

Dear Secretary Chiavetta:

Enclosed is the original of the Peoples Gas Company LLC's Integrated Resource Planning (IRP) Forms 1B, 2B, 2C, 3, 4A and 4B.

If you have any questions about these reports, please contact me.

Sincerely,

Carol Scanlon

Enclosures

CC: Pennsylvania Public Utility Commission
Bureau of Investigation and Enforcement
Bureau of Technical Utility Services
Office of Consumer Advocate
Office of Small Business Advocate

FORM-IRP-GAS-1B: PEAK DAY GAS REQUIREMENTS

REPORTING UTILITY: Peoples Gas LLC

(Volumes in MMcf)

	Historical Data		Current Year	Three Year Forecast			
	Index Year: Actual Year:	-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023
Firm Sales:							
Retail Residential		63	57	69	71	71	71
Retail Commercial		21	16	23	20	20	20
Retail Industrial							
Electric power generation							
Exchange w/ other utilities							
Unaccounted for		10	10	8	11	11	11
Company Use		1	0	0	0	0	0
Other (Off-system/Unbilled estimate)							
Subtotal Firm Sales		95	83	100	102	102	102
Interruptible Sales:							
Retail		0	0	0	0	0	0
Electric Power Generation		0	0	0	0	0	0
Company's Own plant		0	0	0	0	0	0
Subtotal Interruptible Sales		0	0	0	0	0	0
Subtotal Firm and Interruptible Sales		95	83	100	102	102	102
Transportation:							
Firm Residential		0	0	0	0	0	0
Firm Commercial		7	11	13	13	13	13
Firm Industrial		44	52	60	60	60	60
Interruptible Residential							
Interruptible Commercial							
Interruptible Industrial							
Electric power generation							
Subtotal Tranportation		51	63	73	73	73	73
Total Gas Requirements		146	146	172	175	175	175
Increase (Decrease)			1	26	3	0	0
Percent Change (%)			0%	18%	2%	0%	0%

FORM-IRP-GAS-2B: NATURAL GAS TRANSPORTATION

REPORTING UTILITY: Peoples Gas LLC

(Volumes in MMcf)

¹ Rank contracts in order of magnitude for the current year, noting the transportation provider and termination date for each contract reported. Reporting should proceed along rank ordering until 75% of total is accounted for, or until ten contracts have been listed, whichever occurs first.

FORM-IRP-GAS-2C: NATURAL GAS STORAGE

REPORTING UTILITY: Peoples Gas LLC

(Volumes in MMcf)

Index Year: Actual Year:	Historical Data				Current Year		Three Year Forecast					
	-2 2018		-1 2019		0 2020		1 2021		2 2022		3 2023	
Storage Contracts:	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak
Equitran (772) 3/31/34	1,831.3	32.9	2,099.1	31.1	2,346.7	41.7	2,346.7	40.8	2,346.7	40.8	3,831.4	69.3
Dominion (300091) 3/31/22	288.5	4.8	287.4	4.8	287.4	4.8	287.4	4.8	287.4	4.8	0.0	0.0
Dominion (300098) 3/31/22	576.9	9.6	574.7	9.6	574.7	9.6	574.7	9.6	574.7	9.6	0.0	0.0
Dominion (300104) 3/31/22	576.9	9.6	574.7	9.6	574.7	9.6	574.7	9.6	574.7	9.6	0.0	0.0
Dominion (300192) 3/31/29	576.9	9.6	534.5	8.9	574.7	9.6	574.7	9.6	574.7	9.6	574.7	9.6
Columbia (50112) 3/31/22	339.8	5.7	326.5	5.4	243.9	5.6	243.9	5.6	243.9	5.6	243.9	5.6
Columbia (53012) 3/31/22	246.6	3.2	245.7	4.7	184.2	4.7	184.2	4.7	184.2	4.7	184.2	4.7
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4,437	75	4,643	74	4,786	86	4,786	85	4,786	85	4,834	89

¹ Rank contracts in order of magnitude for the current year, noting the storage provider and termination date for each contract reported. Reporting should proceed along rank ordering until 75% of total is accounted for, or until ten contracts have been listed, whichever occurs first.

FORM-IRP-GAS-3: NUMBER OF CUSTOMERS (YEAR END)

REPORTING UTILITY: Peoples Gas LLC

	Historical Data		Current Year	Three Year Forecast		
	Index Year: -2 2018	Actual Year: -1 2019	0 2020	1 2021	2 2022	3 2023
Sales Service:						
Retail Residential	57,943	57,717	57,717	57,717	57,717	57,717
Retail Commercial	3,987	3,864	3,864	3,864	3,864	3,864
Retail Industrial	1	0	0	0	0	0
Other	0	0	0	0	0	0
Subtotal Sales Service	61,931	61,581	61,581	61,581	61,581	61,581
Electric Power Generation	0	0	0	0	0	0
Transportation Service	400	1,057	1,057	1,057	1,057	1,057
CUSTOMER TOTAL	62,331	62,638	62,638	62,638	62,638	62,638
Increase (Decrease)		307	0	0	0	0
Percent Change (%)		0.49%	0.00%	0.00%	0.00%	0.00%

FORM-IRP-GAS-4A: ANNUAL SUPPLY AND REQUIREMENTS SUMMARY

REPORTING UTILITY: Peoples Gas LLC

(Volumes in MMcf)

	Historical Data		Current Year	Three Year Forecast			
	Index Year: Actual Year:	-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023
Gas Supply:							
Supply Contracts		3,823	3,100	3,363	2,973	2,973	2,973
Spot Purchases		4,240	4,507	4,132	4,493	4,493	4,493
Subtotal Gas Supply		8,063	7,607	7,495	7,466	7,466	7,466
Transportation		15,366	14,600	12,126	12,126	12,126	12,126
TOTAL GAS SUPPLY		23,429	22,207	19,621	19,592	19,592	19,592
Requirements:							
Firm Requirements		8,503	7,945	7,668	7,639	7,639	7,639
Interruptible Requirements		0	0	0	0	0	0
Subtotal Firm & Interruptible		8,503	7,945	7,668	7,639	7,639	7,639
Transportation		14,926	14,262	11,953	11,953	11,953	11,953
Load Reductions		0	0	0	0	0	0
TOTAL GAS REQUIREMENTS		23,429	22,207	19,621	19,592	19,592	19,592
Surplus (Deficiency)		0	0	0	(0)	(0)	(0)

FORM-IRP-GAS-4B: PEAK DAY SUPPLY AND REQUIREMENTS SUMMARY
 REPORTING UTILITY: Peoples Gas LLC
 (Volumes in MMcf)

	Historical Data		Current Year	Three Year Forecast			
	Index Year: Actual Year:	-2 2018	-1 2019	0 2020	1 2021	2 2022	3 2023
Gas Supply:							
Supply Contracts		99	82	113	118	118	118
Spot Purchases		19	4	10	14	14	14
Subtotal Gas Supply		118	86	122	132	132	132
Transportation		28	60	50	47	47	47
TOTAL GAS SUPPLY		146	146	172	179	179	179
Requirements:							
Firm Requirements		95	83	100	102	102	102
Interruptible Requirements		0	0	0	0	0	0
Subtotal Firm & Interruptible		95	83	100	102	102	102
Transportation		51	63	73	73	73	73
Load Reductions		0	0	0	0	0	0
TOTAL GAS REQUIREMENTS		146	146	172	175	175	175
Surplus (Deficiency)		0	(0)	(0)	4	4	4

Peoples Gas
1307(f) - 2021

Section 53.64(c)(6):

Each Section 1307(f) utility shall file with the Commission a statement of its current fuel procurement practices, detailed information concerning the staffing and expertise of its fuel procurement personnel, a discussion of its methodology for obtaining a least cost and reliable source of gas supply, including a discussion of any methodologies, assumptions, models or rules of thumb employed in selecting its gas supply, transportation and storage mix, its loss prevention strategy in the event of fraud, nonperformance or interruption of performance, its participation in capacity release and reallocation programs, the impact, if any, upon least cost fuel procurement by constraints imposed by local transportation end users, interruptible service, balancing, storage and dispatching options, and its strategy for improving its fuel procurement practices in the future and timetable for implementing those changes.

* * * * *

Peoples Gas' current fuel procurement practices can best be summarized as follows: it is Peoples Gas' policy to manage its procurement practices to obtain the lowest overall gas cost consistent with Peoples Gas' need to provide reliable service to its customers in the long term while maintaining peak day deliverability. Peoples Gas pursues this policy within the limitations of its facilities and existing contracts. Specifically, the policy allows for making prudent investments to enhance Peoples Gas' facilities where practicable and securing greater flexibility in contracts where possible on an ongoing basis. Therefore, Peoples Gas' supply portfolio includes Pennsylvania supplies under long-term contracts and interstate index-based supplies. This portfolio is further enhanced through the use of storage by Peoples Gas both on the interstate system and on Peoples Gas' own system.

Refer to Peoples Gas' response to 53.64(c)(1) for an analysis and discussion of Peoples Gas' firm interstate storage and transportation service agreements, interstate gas supply acquisitions, and local Pennsylvania gas purchase arrangements.

Peoples Gas' gas procurement strategy also must recognize the unique characteristics and, particularly, the operational constraints of Peoples Gas' pipeline operating system. Peoples Gas' pipeline system includes small diameter, limited capacity transmission pipelines and low operating pressures that limit (i) the volume and pressure of gas supply that can be safely injected into the pipeline system and (ii) the volume of Pennsylvania gas that can be transported from the major producing areas on the Company's system to the major markets and population centers of the system. During periods of peak demand, gas usage by the weather-sensitive residential and commercial customers increases substantially. Rapid increases in demand can cause a precipitous reduction in the pressure in Peoples Gas' relatively low pressure pipeline system, a condition that can create a potential for hazardous operational problems, such as curtailments. The potential for such problems is exacerbated by the fact that Peoples Gas' entire system is designed to operate at relatively low pressures to accommodate approximately 2,000 supply meters with shallow

conventional wells providing the base load supply. Therefore, the system is highly sensitive to changes in both demand and supply. Peoples Gas' interstate pipeline interconnections are strategically located. Accordingly, high-pressure gas supplies delivered by the interstate pipelines can be injected into the Company's transmission system in those areas at sufficient flow rates to prevent precipitous declines in pressures on Peoples Gas' system when demand increases during peak usage periods. These interconnections provide a critical source of supply for increasing line pressures when and where most needed at times of peak demand.

Thus, Peoples Gas and its customers will continue to rely on locally produced gas for base load supply to its system and on interstate pipeline storage capacity and firm transportation to provide Peoples Gas with sufficient gas pressure and supply to meet the system peak demand period requirements of its weather-sensitive residential and commercial customers.

Gas supplies acquired by Peoples Gas on the interstate pipeline system are an essential part of the overall gas supply portfolio, particularly during peak demand periods. These supplies are used to meet the peak extra demand system requirements that cannot be served by local Pennsylvania gas supplies and to boost pressures at key market area locations to alleviate the deliverability problems inherent in Peoples Gas' pipeline system. In fact, Peoples Gas' interstate pipeline services (i.e., firm storage and transportation capacity on Equitans, Columbia, TETCO and Dominion) are critically important during periods of peak demand, particularly for the residential and commercial customers with substantial weather-sensitive load. Furthermore, supply delivered at higher pressure at Peoples Gas' Tennessee interconnect through a firm delivered supply deal will be available if and when it is needed.

1. Firm Storage Service

Firm interstate storage capacity is an essential ingredient in Peoples Gas' ability to meet the peak requirements of its weather-sensitive customers during the winter months. In addition to the critical winter season peaking role, firm storage capacity also provides daily system balancing capacity.

2. Interstate Pipeline Firm Transportation Service

Year-round firm transportation service, together with the firm gas supply agreements discussed in detail later in this Response, gives Peoples Gas a reliable source of gas supply that is critical during peak demand periods. During non-peak demand periods, this year-round firm transportation capacity can be used to deliver gas for injection into interstate pipeline storage facilities. Peoples Gas' interstate pipeline firm transportation and storage services are described in detail in response to Section 53.64(c)(1), above.

3. Firm Interstate Gas Supply Arrangements

Peoples Gas' firm interstate gas supply arrangements are generally limited to its subscribed firm transportation and storage capacity on interstate pipelines. This allows it to purchase supply and deliver the gas to its gates as required for its demand and for storage injection. The Company usually purchases supply for its capacity on a daily basis. Peoples Gas rarely commits to supply purchases longer than one month.

From time to time, Peoples Gas may enter into delivered deal arrangements. For these types of deals, supply is agreed to be purchased at pre-negotiated variable and demand rates, for delivery to specific Peoples Gas gates, during specific periods of the year. Such arrangements normally utilize interstate pipeline capacity held by parties other than Peoples Gas. These deals provide additional deliverability beyond what is available from Peoples Gas' subscribed interstate capacity. The need to enter into such deals, and their applicable terms, is determined during the annual planning process.

4. Role of the Interstate Spot Market

Interstate spot market supplies are the primary method to fill Peoples Gas' interstate storage inventory but are also utilized to balance its system throughout the year. Peoples Gas will continue to consider acquiring such spot market gas supplies, when they are available at competitive prices, for immediate use as general system supply and for storage injection purposes.

Peoples Gas' Purchased Gas Supply Strategy — The Role of Local Gas

Peoples Gas and its customers continue to purchase a substantial amount of their gas supply from Pennsylvania and Appalachian producers. Year-round base load gas supply is purchased from approximately 135 local Pennsylvania producers at approximately 2,060 supply meters. The majority of this gas is produced from conventional gas wells drilled into shallow upper Devonian formations (approximately 4,000 ft.). Over the last 100 years, Peoples Gas' pipeline system has been designed and operated to accommodate this economic source of local supply, which must be delivered at varying pressures. As gas usage on the Peoples Gas system declines during the summer months, pipeline pressure increases, and the deliverability of local gas into the system declines.

The deliverability of Pennsylvania gas has also historically declined as the gas wells age. Such decline is characteristic of these small volume local wells and thus, over time, deliverability of existing wells will continue to fall as these wells are depleted. Over the last several years, the decline in new shallow well development resulted in production from the new gas wells failing to offset the production deliverability declines of the existing Pennsylvania gas wells. Production from Marcellus wells has accounted for roughly 21.6% of the total local production into Peoples Gas but adding new Marcellus gas is limited due to the lower operating pressures of the gathering system. If this current trend continues, other supply sources such as new interconnects between companies or additional interstate supplies will be required to meet the system's requirements.

Pennsylvania-sourced gas supplies on Peoples Gas continue to provide a substantial, year-round base load gas supply.

Peoples Gas has historically maintained reasonable Purchased Gas Cost rates while at the same time providing highly reliable service. Consequently, Peoples Gas will continue to follow its present gas procurement policies and practices set forth in this filing.

Peoples Gas' Gas Supply Department is adequately staffed with qualified and well-trained personnel who receive regular updates on conforming to the Company's least cost purchasing policy. The experience level ranges from significant experience to developing new experience to take control in the future. In addition to their industry experience, personnel responsible for gas

supply and planning attend seminars, conferences, and short courses that address supply strategies and methodologies. Additionally, they communicate continuously with gas suppliers, producers, marketers, and interstate pipeline representatives in matters pertaining to Peoples Gas' fuel procurement policy. These personnel receive frequent updates of current trends and new developments within the natural gas industry.

Peoples Gas
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Section 53.64 (c)(7)

A list of any off-system sales, including transportation, storage, or capacity releases by the utility at less than the weighted average price of gas, or at less than the original contract cost of transportation, storage or capacity supplied to the utility for its own customers.

* * * * *

Peoples Gas did not make any off-system sales during the historic period. Peoples Gas made the following capacity releases during the historic period. Note that the capacity releases in the attachment do not include capacity released at zero cost to marketers under Peoples Gas' Energy Choice program.

Capacity Releases	Peoples Gas 2/			
	FT Dth	GSS Demand Dth	GSS Capacity Dth	Dollars 1/
February 2020	4,000	4,000	218,182	\$ 10,539
March	4,000	4,000	218,182	\$ 10,539
April	-	-	-	\$ -
May	-	-	-	\$ -
June	-	-	-	\$ -
July	-	-	-	\$ -
August	-	-	-	\$ -
September	10,000	-	-	\$ 6,900
October	-	-	-	\$ -
November	10,000	-	-	\$ 9,000
December	-	-	-	\$ -
January 2021	-	-	-	\$ -
Total	28,000	8,000	436,364	\$ 36,978

1/ All dollars presented are in total, before sharing.
 2/ Peoples Gas capacity releases are on EQT and TETCO.

**Peoples Gas
1307(f) - 2021**

Section 53.64(c)(8)

A list of agreements to transport gas by the utility through its system, for other utilities, pipelines, or jurisdictional customers including the quantity and price of the transportation.

* * * * *

Peoples Gas had 956 transportation agreements in place at year-end 2020. During 2020, Peoples Gas transported 11,308,520 Mcf resulting in \$10,904,114 in transportation revenues.

Peoples Gas
1307(f) - 2021

Section 53.64(c)(9)

A schedule depicting historic monthly end-user transportation throughput by customer. Each customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to the provisions of 52 Pa. Code 5.423 (relating to orders to limit availability of proprietary information).

* * * * *

The table below depicts monthly end-user transportation throughput for the twelve months ended December 31, 2020. An individualized list of these customers is not attached due to the large number of transportation customers. Customer specific information can be made available upon request and the execution of a confidentiality agreement.

	Total Number of Accounts	MCF			
		RS	CS	IS	Total
Jan 2020	1,054	8,562	166,942	1,156,082	1,331,586
Feb 2020	1,047	8,486	149,351	1,002,660	1,160,496
Mar 2020	1,051	4,926	113,529	971,798	1,090,253
Apr 2020	1,051	4,290	103,092	801,806	909,188
May 2020	1,036	2,526	80,414	736,882	819,821
Jun 2020	1,023	920	62,629	694,781	758,329
Jul 2020	1,007	624	57,466	656,087	714,177
Aug 2020	993	680	53,722	738,672	793,074
Sep 2020	977	779	63,592	677,225	741,595
Oct 2020	976	2,130	93,373	939,981	1,035,484
Nov 2020	965	4,038	117,805	799,398	921,241
Dec 2020	956	7,023	166,590	859,664	1,033,276
		44,983	1,228,503	10,035,034	11,308,520

**Peoples Gas
1307(f) - 2021**

Section 53.64(c)(10):

A schematic system map, locating and identifying by name, the pressure and capacity of all interstate or intrastate transmission pipeline connections, compressor stations, utility transmission or distribution mains 6" or larger in size, storage facilities, including maximum daily injection and withdrawal rates, production fields, and each individual supply or transportation customer which represents 5% or more of total system throughput in a month. Each such customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to the provisions of 52 Pa. Code 5.423.

* * * * *

For security reasons, Peoples Gas has requested Highly Confidential treatment of the answer to this question. The Company's system map will be made available for inspection upon request and the execution of a confidentiality agreement.

Refer to the two attachments for Peoples Gas's storage facility maximum daily injection and withdrawal rates and interstate and intrastate connections.

Peoples Gas has five transportation customers that represent 5% or more of the total system throughput in a month.

Peoples Gas
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Storage Facilities

FACILITY	MAXIMUM ¹ WITHDRAWAL RATE - Mcf/Day	DESIGN DAY WITHDRAWAL RATE - Mcf/Day	MAXIMUM ¹ INJECTION RATE - Mcf/Day	MAXIMUM ² CAPACITY - McF	MAXIMUM POOL PRESSURE - Psig
Hughes	6,500	4,200	300	24,000	800
Kinter	12,000	9,100	2,500	400,000	330
Portman	15,000	6,700	2,500	94,000	425
Vardy	10,000	3,300	1,000	73,000	500

Storage Services

FACILITY	MAXIMUM WITHDRAWAL RATE Dth/Day	MAXIMUM INJECTION RATE Dth/Day	MAXIMUM CAPACITY Dth	EXPIRATION
DTI-GSS	35,000	12,807	2,100,000	3/31/2029 ³
TCO	10,807	4,879	609,827	3/31/2022
EQT-60SS	44,917	24,500	2,450,000	3/31/2034 ⁴

¹ Maximum withdrawal and injection rates are dependent on the “working” gas inventory and pool pressure at specific times of the season. For example, the maximum withdrawal rates shown above would be under ideal operating conditions when the storage pools are 100% full. As the winter season progresses, lower inventory would result in lower pool pressures, and therefore the maximum withdrawal rate would not be probable.

² Total November through March “working” gas capacity (excludes base gas).

³ March 31, 2022 DTI-GSS drops to 600,000 Dth capacity with 10,000 Dth/day withdrawal rate.

⁴ April 1, 2022 EQT-60SS increases to 4,000,000 Dth capacity with 72,417 Dth/day withdrawal rate.

PEOPLES GAS COMPANY LLC

INTERSTATE OR INTRASTATE CONNECTIONS

	Peoples' Maximum Pressure <u>Psig</u>	Operating Capacity <u>Mcf/Day</u>
DTI		
Butler	100	0-35,000
Springdale	60	0-10,000
Rubright	188	0 -10,000
TENNESSEE		
Bradford Woods	285	0 - 10,000
TCO		
Hickory Corners	250	0 - 12,000
Fairview	100	0 - 9,500
EQUITRANS		
Beautiful Lookout	120	0-25,000
Egry	188	0-25,000
PEOPLES NATURAL GAS		
Burtner Road	Backup - into PNG	20
Hannahstown	Backup - into PNG	20
Knoch High School	Backup - into PNG	20
Rebecca Street	Backup - into PNG	81
Roenigk Property	Backup - into PNG	81
Moorehead Rd.	Backup - into PNG	20
Beaver Street - Mars	Into PG	60
Blairsville	Into PNG	180
Stoney Run	Bi-directional	80/188
White Township	Into PG	130
Tanoma	Backup - into PG	188
Fyock Road	Into PG	60
ACME	Into PG	44
Alcoa	Into PNG	100
Chickasaw	Into PNG	40
McCullough (Into Shoemaker Comp Sta)	Into PNG	40
Natrona Heights #1 (Into the M-67)	Into PNG	100
Natrona Heights #2 (Into the D-101)	Into PNG	30
Slease (Into Crooked Creek Comp Sta)	Into PNG	60
Oak St Station	Into PNG	1
Uzmack Station	Into PNG	35
Poplar St Station	Into PNG	1
Adams Point RS0007	Into PNG	60
MS-1000097	Into PG	1
		0 - 100

**Peoples Gas
1307(f) - 2021**

Section 53.64(c)(11)

If any rate structure or rate allocation changes are to be proposed, a detailed explanation of each proposal, reasons therefore, number of customers affected, net effect on each customer class, and how the change relates to or is justified by changes in gas costs proposed in the §1307(f) tariff filing. Explain how gas supply, transportation and storage capacity costs are allocated to customers that are primarily non-heating, interruptible or transportation customers.

* * * * *

At this time, the need for any rate structure or rate allocation changes is still being evaluated. If any changes are made in the final filing, they will be fully explained and justified through testimony.

Peoples Gas does not have any interruptible customers and services offered do not differentiate between heating and non-heating customers.

Transportation customers pay a balancing charge that recovers interstate storage capacity costs. These costs are allocated to transportation customers based on their balancing requirements on peak day.

**Peoples Gas
1307(f) - 2021**

Section 53.64(c)(12):

A schedule depicting the most recent 5-year consecutive 3-day peak data by customer class (or other historic peak day data used for system planning), daily volumetric throughput by customer class (including end-user transportation throughput), gas interruptions and high, low and average temperature during each day.

* * * * *

Refer to the attached schedule. Peoples Gas did not interrupt any customers during these peak periods.

PEOPLES GAS COMPANY LLC
 HISTORICAL CONSECUTIVE THREE-DAY PEAK DATA
 (All Volumes in Mcf)

HEATING	CONSECUTIVE THREE-DAY	TEMPERATURE			VOLUMES									
		DEGREES (F)			Retail				Transportation					
<u>SEASON</u>	<u>PEAK</u>	<u>HIGH</u>	<u>AVG.</u>	<u>LOW</u>	<u>RS</u>	<u>SGS</u>	<u>MGS</u>	<u>LGS</u>	<u>RS</u>	<u>SGS</u>	<u>MGS</u>	<u>LGS</u>	<u>CU & UFG</u>	<u>TOTAL</u>
2019-2020	Jan. 19	22	18	13	42,120	6,401	5,164	-	443	772	5,466	41,552	7,436	109,353
	Jan. 20	25	21	16	41,071	6,242	5,036	-	432	752	5,330	41,313	7,309	107,485
	Jan. 21	32	21	10	44,310	6,734	5,433	-	466	812	5,751	40,917	7,619	112,040
2018-2019	Jan. 30	2	-2	-5	57,316	8,559	7,371	-	271	864	7,123	55,052	9,806	146,362
	Jan. 31	9	4	-1	57,551	8,594	7,401	-	272	867	7,152	51,253	9,557	142,648
	Feb. 1	17	12	6	48,805	7,288	6,276	-	231	735	6,065	52,122	8,727	130,250
2017-2018	Jan. 4	14	7	-1	57,710	10,203	7,874	995	197	866	8,308	40,725	10,287	137,166
	Jan. 5	9	4	-1	64,544	11,412	8,806	1,113	221	968	9,292	40,630	11,107	148,092
	Jan. 6	11	3	-5	64,266	11,363	8,768	1,108	220	964	9,252	42,256	11,205	149,401
2016-2017	Jan. 6	15	10	5	40,303	7,072	5,440	1,244	22	260	5,373	48,442	8,391	116,548
	Jan. 7	16	12	7	39,871	6,996	5,382	1,231	21	258	5,316	53,321	8,720	121,117
	Jan. 8	15	10	5	40,996	7,194	5,534	1,266	22	265	5,466	51,174	8,683	120,598
2015-2016	Feb. 11	17	11	5	44,970	7,133	6,576	394	31	373	7,255	56,390	5,573	128,695
	Feb. 12	20	13	5	44,229	7,016	6,468	388	31	367	7,135	57,712	5,583	128,927
	Feb. 13	11	5	-2	49,673	7,879	7,264	436	34	412	8,013	57,632	5,945	137,288

Peoples Gas
1307(f) - 2021

Section 53.64(c)(13)

Identification and support for any peak day methodology used to project future gas demands and studies supporting the validity of such methodology.

* * * * *

Peoples Gas' design day demand computational methodology utilizes a regression model based on daily heat sensitive send-out data for the most recent 48-month time period.

Peoples Gas used total daily sendout as the dependent variable and found a good fit using independent variables thoroughly examined by the Company over the course of the last year. The independent variables are temperature, winter month of the year, and a binary cold weather variable for the two previous days above 46 Heating Degree Days ("HDDs"). Trend and wind speed were not examined in this case because the regression results from previous filings indicate that when the variables show correlation, they are not predictive. Using this regression model, the Company calculated total design day requirements using an average daily temperature of minus 11 degrees Fahrenheit on a January weekday. This temperature has been used as the design day temperature in many prior Peoples Gas 1307(f) proceedings where gas costs based on this design day were approved by the Commission.

The calculated total heat sensitive design day requirements are then allocated to rate classes (RS, SGS, MGS and LGS) based on historical normalized usage factors for base load and heat load. In addition, the daily metered customers are added based on historical non-coincidental peak day throughput.

Refer to Peoples Gas Exhibit No. 1 for the Company's currently calculated design day and Peoples Gas Statement No. 4, the Direct Testimony of Jason Dalton, for further explanation of the Company's approach.

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Section 53.64(c)(14)

Analysis and data demonstrating, on a historic and projected future basis, the minimum gas entitlements needed to provide reliable and uninterrupted service to priority one customers during peak periods.

* * * * *

Response:

Peoples Gas's response to 53.64(c)(12) provides the most recent five-year history of consecutive three-day peak demand experienced on Peoples Gas's system, as broken down by customer class. Projected design peak usage by customer class is presented as part of Peoples Gas's Exhibit No. 1, page 1 along with the supply assets used to meet those needs.

Peak demand period interstate gas supply and the corresponding firm transportation and storage capacity available to Peoples Gas on the interstate pipeline system, the details of which are set forth in Peoples Gas's responses to 53.64(c)(1) and (6), are needed to meet the peak demand requirements of its weather-sensitive customer base. In addition, volumes withdrawn from on-system storage facilities are used to supplement the interstate-sourced gas supplies during periods of peak demand. For description of how these assets are used, refer to Peoples Gas Statement No. 2.

**Peoples Gas
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Section 53.64(i)(1):

(i) Utilities shall comply with the following:

(1) Thirty days prior to the filing of a tariff reflecting increases or decreases in purchased gas expenses, gas utilities under 66 Pa.C.S. § 1307(f) recovering expenses under that section shall file a statement for the 12-month period ending 2 months prior to the filing date under 66 Pa.C.S. § 1307(f) as published in accordance with subsection (b) which shall specify:

- (i) The total revenues received under 66 Pa.C.S. § 1307(a), (b) or (f), including fuel revenues received, whether shown on the bill as 66 Pa.C.S. § 1307(a), (b) or (f) charges or rolled in as base rates.
- (ii) The total gas expenses incurred.
- (iii) The difference between the amounts in subparagraphs (i) and (ii).
- (iv) Evidence explaining how actual costs incurred differ from the costs allowed under subparagraph (ii).
- (v) How these costs are consistent with a least cost fuel procurement policy, as required under 66 Pa.C.S. § 1318 (relating to determination of just and reasonable gas cost rates).

* * * * *

Response:

(i), (ii), (iii). Refer to the attachment.

(iv) The actual purchased gas costs incurred differ from the projected gas costs because of the fluctuating prices for gas supplies and interstate pipeline services. As the gas supply prices change, the volumes purchased from each source of supply also change. Differences are also affected by the actual volumes of gas consumed by customers as compared to projected consumption.

(v) All purchased gas costs incurred during the Historical Period are pursuant to the least cost procurement policy approved by the Commission in Peoples Gas' 1307(f)-2020 proceeding. Also refer to the response to 53.64(c)(6) in this proceeding.

PEOPLES GAS COMPANY
 Gas Cost Revenues and Expenses
 February 2020 through January 2021

		Purchased Gas <u>Revenues</u>	Purchased Gas <u>Expenses</u>	Over / (Under) <u>Collections</u>
February	2020	\$3,282,247	\$2,620,051	\$662,196
March		\$2,153,764	\$2,332,726	(\$178,963)
April		\$1,593,165	\$1,390,033	\$203,131
May		\$1,086,201	\$1,202,806	(\$116,604)
June		\$493,069	\$820,427	(\$327,358)
July		\$390,627	\$742,557	(\$351,931)
August		\$361,444	\$989,810	(\$628,365)
September		\$452,365	\$1,040,683	(\$588,319)
October		\$1,203,378	\$1,186,791	\$16,587
November		\$2,110,651	\$1,785,020	\$325,632
December		\$3,801,227	\$2,774,678	\$1,026,550
January 1/	2021	<u>\$3,133,650</u>	<u>\$2,834,647</u>	<u>\$299,003</u>
		<u>\$20,061,788</u>	<u>\$19,720,228</u>	<u>\$341,560</u>

1/ January 2021 revenues and expenses are estimated.

Peoples Gas 1307(f) - 2021

Section 53.65 Special Provisions Relating to Section 1307(f) Gas Utilities with Affiliated Interests

Whenever a gas utility under 66 Pa.C.S. § 1307(f) (relating to sliding scale of rates; adjustments) purchases gas, transportation or storage from an affiliated interest, as defined at 66 Pa.C.S. § 2101 (relating to definitions of affiliated interest), it shall, in addition to the normal submission expected of a gas utility under 66 Pa.C.S. § 1307(f) file evidence to meet its burden under 66 Pa.C.S. § 1317(b) (relating to regulation of natural gas costs). The evidence, to be filed 60 days prior to the filing of a tariff under 66 Pa.C.S. § 1307(f), shall include statements regarding:

- (1) The costs of the affiliated gas, transportation or storage as compared to the average market price of other gas, transportation or storage and the price of other sources of gas, transportation or storage.
- (2) Estimates of the quantity of gas, transportation or storage available to the utility from all sources.
- (3) Efforts made by the utility to obtain gas, transportation or storage from nonaffiliated interests.
- (4) The specific reasons why the utility has purchased gas, transportation or storage from an affiliated interest and demonstration that the purchases are consistent with a least cost fuel procurement policy.
- (5) The sources and amounts of gas, transportation or storage which have been withheld from the market by the utility or affiliated interest and the reasons why the gas, transportation or storage has been withheld.
- (6) To the extent that the information required in this section has been submitted under § 53.64 (relating to filing requirements for natural gas distributors with gross intrastate annual operating revenues in excess of \$40 million), the utility need only designate information which applies to affiliated interests.

Response:

Peoples Gas Company LLC (“Peoples Gas”) does not purchase gas, transportation or storage from an affiliated interest, as defined at 66 Pa. C.S. §2101.

Peoples Gas and Peoples Natural Gas Company LLC (“Peoples Natural Gas”) are, however, parties to a number of affiliated interest, natural gas exchange agreements filed with and approved by the Commission. The first of these exchange agreements was filed and approved at Docket No. G-2011-2265150. The agreement provides for the exchange of equivalent volumes of gas between Peoples Natural Gas and Peoples Gas where the receipt of gas from the other party would provide for more efficient operation of the recipient’s system and will improve service reliability for both companies. The exchange is made without charge. Under the exchange arrangement, Peoples Gas receives gas from Peoples Natural Gas at the Beaver Street interconnection located in Mars, PA.

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In exchange, Peoples Natural Gas receives equivalent volumes of gas from Peoples Gas at various specified interconnections. The filing was approved by Secretarial Letter issued on March 15, 2012. The exchange agreement has been amended three times since it was originally approved. The first two amendments added new interconnection points. Each of these amendments was filed with the Commission and each was approved on July 13, 2012, and January 29, 2013, respectively.

The third amendment was filed on November 21, 2013, when the Companies filed an Amended and Restated Gas Exchange Agreement (the “A&R GEA”). The A&R GEA is intended to accommodate the ongoing long-term infrastructure improvement plans of the Companies. Over the next twenty (20) years, the Companies plan to replace their entire systems of unprotected bare steel pipe and associated facilities. With geographically overlapping distribution systems and a goal of avoiding pipeline replacement where there is a more efficient means of continuing service to customers, the Companies anticipate additional opportunities for new interconnection points and gas exchanges that enhance efficient operation. The A&R GEA permits the Companies to install up to 15 new interconnection points, per calendar year, without filing for further approval, provided that, among other things, each new interconnection point does not exceed \$250,000 in costs and each new interconnection point results in projected cost savings to the installing Company. The filing was approved by Secretarial Letter issued on May 27, 2014.

On June 26, 2014, Peoples Gas and Peoples Natural Gas filed a petition for Accounting and Regulatory Approvals and approval of an affiliated interest agreement associated with the intercompany exchange of gas and gas supply interconnections at Docket Nos. P-2014-2429346 and G-2014-2448807. Among other things, this petition requested approval of another exchange agreement between the Companies that will encourage efficient pipeline replacement by, for example, allowing one company to abandon a pipeline that is due for replacement and continuing service to the customers formerly connected to that pipeline by connecting them to a duplicative pipeline owned by the other company. The resulting gas exchange will use the delivery points from the above-referenced A&R GEA to balance deliveries under the new agreement. Parties to that proceeding reached a settlement to resolve all issues, which was approved by Commission Order entered on December 18, 2014.

Peoples Gas and Peoples Natural Gas are also parties to another affiliated interest, gas exchange agreement that was filed for Commission approval on August 6, 2015, at Docket No. G-2015-2496814. This is a Service Expansion Gas Exchange and Interconnection Agreement to facilitate the extension of natural gas service to new Peoples Gas customers at the least possible cost. It allows interconnection of Peoples Natural Gas’ distribution lines with new distribution facilities to be built by Peoples Gas to connect new customers. Peoples Gas will pay for the costs of the interconnections. These interconnection points will facilitate the expansion of service by Peoples Gas to new customers located in areas where Peoples Gas has authority to serve but where it is more economical for Peoples Gas to interconnect with existing facilities of Peoples Natural Gas for delivery of natural gas. Peoples Natural Gas will provide gas at such interconnection points to serve such customers in exchange for receipt of gas from Peoples Gas in equal quantities at existing interconnection points between Peoples Gas and Peoples Natural Gas. The filing was approved by Secretarial Letter issued on December 30, 2015.