

Peoples Natural Gas  
Docket No. R-2020-3017850  
1307(f)-2020 Annual Gas Cost Pre-Filing  
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**Peoples Natural Gas  
1307(f) - 2020**

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**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: name of source, maximum daily quantity, maximum annual quantity, 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 the 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 other condition of the purchase, and if so, the details of the proceedings, negotiations, or renegotiations. Gas supply sources which individually represent less than 3.0% of the total system supply may be shown collective, such as other local gas purchases.

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Actual Purchased Gas Costs for 12 months ended January 31, 2020 (page 2)

20 Month Projection of Purchased Gas Costs for February 1, 2020 through September 30, 2021  
(pages 3 - 22)

Description of warrantee or penalty provisions of the purchases (pages 23 - 27)

Pipeline rate tariff sheets (pages 28 - 73)

Details of contract negotiations (pages 74 - 82)

Summary of Pipeline Contracts (pages 83 - 84)

	2019 February ACTUAL	2019 March ACTUAL	2019 April ACTUAL	2019 May ACTUAL	2019 June ACTUAL	2019 July ACTUAL	2019 August ACTUAL	2019 September ACTUAL	2019 October ACTUAL	2019 November ACTUAL	2019 December ACTUAL	2020 January est	12-Mth Total
<b>Local / Gathered Purchases</b>													
Quantity - Mcf	607,744	554,839	784,155	641,460	847,229	788,425	849,199	1,016,190	762,062	937,152	853,769	643,998	9,286,222
Rate per Mcf	\$3,1719	\$3,1061	\$2,7389	\$2,4992	\$2,4438	\$2,3053	\$2,1236	\$1,9390	\$1,6944	\$2,3620	\$1,7221	\$2,0169	\$2,2978
Cost	\$1,927,704	\$1,723,409	\$2,147,701	\$1,603,159	\$2,070,433	\$1,817,562	\$1,803,363	\$1,970,405	\$1,291,238	\$2,213,584	\$1,470,313	\$1,298,897	\$21,337,767
<b>Interstate Pipeline Purchases</b>													
Quantity - Mcf	4,137,827	4,423,357	4,994,914	3,614,194	2,214,135	2,737,592	3,198,265	3,381,766	3,803,980	5,288,019	4,860,823	1,945,412	44,600,284
Rate per Mcf	\$2,7525	\$3,0247	\$2,5750	\$2,2788	\$2,2214	\$2,0691	\$1,8511	\$1,7313	\$1,5243	\$2,2347	\$1,9501	\$1,7075	\$2,2117
Cost	\$11,389,309	\$13,379,187	\$12,861,892	\$8,235,905	\$4,918,505	\$5,664,479	\$5,920,391	\$5,854,833	\$5,798,416	\$11,817,064	\$9,479,094	\$3,321,744	\$98,640,818
<b>Total Commodity Purchases</b>													
Quantity - Mcf	4,745,571	4,978,196	5,779,069	4,255,654	3,061,364	3,526,017	4,047,464	4,397,956	4,566,042	6,225,171	5,714,592	2,589,410	53,886,506
Rate per Mcf	\$2,8062	\$3,0337	\$2,5972	\$2,3120	\$2,2829	\$2,1220	\$1,9083	\$1,7793	\$1,5527	\$2,2539	\$1,9160	\$1,7844	\$2,2265
Cost	\$13,317,013	\$15,102,595	\$15,009,593	\$9,839,064	\$6,988,938	\$7,482,041	\$7,723,754	\$7,825,239	\$7,089,654	\$14,030,648	\$10,949,406	\$4,620,641	\$119,978,585
<b>Storage (Injection)/Withdrawals - LIFO</b>													
Quantity - Mcf	1,817,146	1,415,666	(340,484)	(557,303)	(784,208)	(1,137,460)	(906,315)	(1,037,563)	(340,281)	227,496	345,996	(1,297,310)	
LIFO Rate per Mcf	\$3,0141	\$5,0141	\$5,1678	\$2,8098	\$2,8098	\$3,0426	\$2,5713	\$2,5713	\$2,5865	\$2,5757	\$2,5757	\$1,7844	
Cost	\$5,477,060	\$4,266,959	(\$1,759,550)	(\$1,565,910)	(\$2,203,468)	(\$3,460,852)	(\$2,330,408)	(\$2,667,886)	(\$880,129)	\$585,961	\$891,182	\$	(\$3,647,040)
<b>Storage (Injection)/Withdrawals - WACCOG</b>													
Quantity - Mcf	2,109,760	1,813,755	(2,125,263)	(2,455,542)	(823,582)	(1,222,793)	(1,726,404)	(1,696,099)	(1,518,633)	1,482,286	2,807,798	5,368,983	2,014,266
WACCOG Rate per Mcf	\$2,6240	\$2,6240	\$2,7000	\$2,4400	\$2,3600	\$2,2000	\$2,0000	\$1,9500	\$1,6800	\$2,2604	\$2,2604	\$2,2604	
Cost	\$5,536,016	\$4,759,299	(\$5,738,211)	(\$5,991,522)	(\$1,943,654)	(\$2,690,144)	(\$3,452,809)	(\$3,307,393)	(\$2,551,304)	\$3,350,560	\$6,346,747	12,135,970	\$6,453,557
<b>Injection/Withdrawal Costs</b>	\$32,804	\$28,429	\$30,847	\$39,141	\$26,395	\$27,517	\$29,869	\$32,258	\$25,885	\$20,846	\$34,296	\$36,520	\$364,806
<b>Pipeline Transportation Charges</b>	\$496,040	\$578,324	\$652,618	\$484,684	\$207,910	\$267,298	\$378,542	\$373,125	\$469,605	\$521,302	\$539,369	\$438,895	\$5,407,712
<b>Other Purchased Gas Costs</b>													
Other Gas Costs - Mcf	123,255	(14,851)	229,836	(14,504)	(15,447)	(3,331)	194,254	15,465	272,933	(4,820)	467,638	\$	1,250,428
Gas Admin Costs	\$1,930	\$411	\$411	\$411	\$411	\$	\$4,421	\$1,311	\$1,331	\$32,472	\$14,574	\$	\$7,682
Imbalance Buyback Costs	\$302,303	\$80,492	\$27,244	\$315,519	\$210,293	\$102,241	\$266,318	\$148,901	\$484,838	\$28,471	\$67,088	\$	\$2,033,709
Exchange Costs	\$66,800	(\$103,468)	\$489,098	(\$299,534)	(\$229,150)	(\$93,561)	\$93,911	(\$92,567)	\$2,516	(\$118,334)	\$800,108	\$	\$515,818
Compressed Natural Gas	\$	\$	\$	\$	\$	\$	\$	\$70,775	\$83,524	\$	\$	\$	\$154,299
Subtotal	\$371,033	(\$22,565)	\$516,753	\$16,396	(\$18,446)	\$8,680	\$364,651	\$128,420	\$572,209	(\$57,391)	\$881,770	\$	\$2,761,509
<b>Capacity Costs - Firm Transportation</b>	\$7,119,108	\$7,330,128	\$2,887,031	\$2,904,472	\$2,943,945	\$2,840,704	\$2,962,132	\$3,968,154	\$2,989,159	\$7,393,273	\$7,467,075	\$7,467,075	\$8,272,257
<b>Capacity Costs - Firm Storage</b>	\$1,251,303	\$1,251,303	\$1,235,495	\$1,235,503	\$1,235,503	\$1,235,503	\$1,235,503	\$1,235,503	\$1,235,503	\$1,234,954	\$1,234,954	\$1,234,954	\$14,855,982
<b>AVC Capacity Costs</b>	\$5,955,466	\$5,999,993	\$2,680,235	\$2,680,235	\$2,738,085	\$2,719,943	\$2,680,609	\$2,680,412	\$2,680,235	\$6,031,000	\$6,031,000	\$6,031,000	\$48,908,213
<b>Total 1307(f) Gas Costs</b>	\$14,325,877	\$14,581,425	\$6,802,761	\$6,820,210	\$6,917,534	\$6,796,150	\$6,878,244	\$7,884,070	\$6,904,897	\$14,659,227	\$14,733,029	\$14,733,029	\$122,036,451
<b>Total - w/o AVC</b>	\$39,555,842	\$39,294,465	\$15,514,811	\$9,642,064	\$9,575,209	\$8,430,691	\$9,591,842	\$10,267,832	\$11,630,816	\$33,111,153	\$34,375,799	\$31,965,055	\$253,355,580
<b>Capacity</b>	\$33,600,377	\$33,294,472	\$12,834,576	\$6,961,829	\$7,237,124	\$5,710,748	\$6,911,233	\$7,587,420	\$8,950,582	\$27,080,153	\$28,344,799	\$25,934,055	\$204,447,367
<b>Commodity</b>	\$8,370,411	\$8,581,432	\$4,122,526	\$4,139,975	\$4,179,449	\$4,076,207	\$4,197,635	\$5,203,657	\$4,224,662	\$8,628,227	\$8,702,029	\$8,702,029	\$73,128,238
<b>1307(f) Mcf</b>	\$25,229,966	\$24,713,040	\$8,712,051	\$2,821,853	\$3,057,675	\$1,634,541	\$2,713,598	\$2,383,763	\$4,725,919	\$18,451,926	\$19,642,770	\$17,232,026	\$131,319,129
<b>1307(f) Mcf</b>	8,795,732	8,192,766	3,543,158	1,228,305	1,438,127	1,167,433	1,608,999	1,679,759	2,980,061	7,930,133	9,336,024	7,958,393	\$5,853,890

1/ Beginning January 1, 2020 all storage activity is priced using WACCOG as approved at Docket No. P-2019-3007889 related to the change in storage accounting methodology

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
**SUMMARY**

	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September
<b>Local / Gathered Purchases</b>								
Quantity - Mcf	571,944	599,656	600,143	620,688	643,762	659,419	662,614	651,657
Rate per Mcf	\$1,8706	\$1,9740	\$1,9790	\$1,9680	\$2,0036	\$2,0820	\$2,0770	\$1,8587
Cost	\$1,069,867	\$1,183,707	\$1,187,673	\$1,221,528	\$1,289,843	\$1,372,916	\$1,376,240	\$1,211,266
<b>Interstate Pipeline Purchases</b>								
Quantity - Mcf	3,519,814	2,860,218	4,955,905	4,110,581	3,539,365	3,471,322	3,489,879	3,696,659
Rate per Mcf	\$1,6720	\$1,7541	\$1,7741	\$1,7559	\$1,7818	\$1,8555	\$1,8878	\$1,6680
Cost	\$5,885,163	\$5,017,032	\$8,792,378	\$7,217,621	\$6,306,606	\$6,441,118	\$6,588,031	\$6,165,869
<b>Total Commodity Purchases</b>								
Quantity - Mcf	4,091,758	3,459,874	5,556,048	4,731,270	4,183,127	4,130,741	4,152,494	4,348,316
Rate per Mcf	\$1,6998	\$1,7922	\$1,7962	\$1,7837	\$1,8160	\$1,8917	\$1,9179	\$1,6965
Cost	\$6,955,031	\$6,200,739	\$9,980,051	\$8,439,150	\$7,596,448	\$7,814,033	\$7,964,272	\$7,377,135
<b>Storage (Injection)/Withdrawals</b>								
Quantity - Mcf	4,186,517	3,483,543	(1,626,818)	(2,525,000)	(3,000,000)	(3,080,000)	(3,085,000)	(2,810,000)
WACCOG Rate per Mcf	\$2,2604	\$2,2604	\$1,8130	\$1,8090	\$1,8485	\$1,9255	\$1,9518	\$1,7251
Cost	\$9,463,203	\$7,874,201	(\$2,949,354)	(\$4,567,644)	(\$5,545,492)	(\$5,930,590)	(\$6,021,154)	(\$4,847,617)
Injection/Withdrawal Costs	\$28,202	\$21,034	\$78,098	\$104,829	\$121,313	\$125,039	\$125,628	\$109,541
<b>Other Purchased Gas Costs</b>								
Other Gas Costs - Mcf	0	0	0	0	0	0	0	0
Risk Mgmt Costs	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737
Imbalance Buyback Costs	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Exchange Costs	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Subtotal	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737
<b>Capacity Costs - Firm Transportation</b>								
Capacity Costs - Firm Storage	\$6,105,314	\$6,323,547	\$2,456,076	\$2,456,076	\$2,456,076	\$2,456,076	\$2,456,076	\$2,456,076
AVC Capacity Costs	\$2,382,848	\$2,382,848	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394
	\$6,031,001	\$6,148,762	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816
	\$14,519,162	\$14,855,157	\$7,010,286	\$7,010,286	\$7,010,286	\$7,010,286	\$7,010,286	\$7,010,286
<b>Total 1307(f) Gas Costs</b>								
Total - no AVC	\$30,980,334	\$28,965,867	\$14,133,818	\$11,001,358	\$9,197,293	\$9,033,505	\$9,093,769	\$9,664,083
Commodity	\$24,949,333	\$22,817,104	\$11,366,002	\$8,233,542	\$6,429,477	\$6,265,690	\$6,325,953	\$6,896,267
Capacity (excludes AVC)	\$16,461,172	\$14,110,710	\$7,123,532	\$3,991,071	\$2,187,006	\$2,023,219	\$2,083,482	\$2,653,796
	\$8,488,161	\$8,706,395	\$4,242,471	\$4,242,471	\$4,242,471	\$4,242,471	\$4,242,471	\$4,242,471
1307(f) Mcf	8,278,275	6,943,417	3,929,230	2,206,270	1,183,127	1,050,741	1,067,494	1,538,316



Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Local Purchases

	2020 <u>February</u>	2020 <u>March</u>	2020 <u>April</u>	2020 <u>May</u>	2020 <u>June</u>	2020 <u>July</u>	2020 <u>August</u>	2020 <u>September</u>	<u>Total</u>
<u>Local / Gathered Purchases</u>									
Quantity - Mcf	571,944	599,656	600,143	620,688	643,762	659,419	662,614	651,657	5,009,885
Rate per Mcf	\$ 1.871	\$ 1.974	\$ 1.979	\$ 1.968	\$ 2.004	\$ 2.082	\$ 2.077	\$ 1.859	\$ 1.979
Cost	\$ 1,069,867	\$ 1,183,707	\$ 1,187,673	\$ 1,221,528	\$ 1,289,843	\$ 1,372,916	\$ 1,376,240	\$ 1,211,266	\$ 9,913,040

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Interstate Pipeline Purchases

	2020 <u>February</u>	2020 <u>March</u>	2020 <u>April</u>	2020 <u>May</u>	2020 <u>June</u>	2020 <u>July</u>	2020 <u>August</u>	2020 <u>September</u>	<u>TOTAL</u>
<u>City-Gate Mcf</u>									
EQT - NAESEB	3,134,814	2,670,218	4,598,905	3,624,581	2,956,365	2,882,722	2,901,279	3,128,659	25,897,543
DTI SP	0	0	90,000	305,000	305,000	305,000	305,000	275,000	1,585,000
Tennessee Gas Pipeline	150,000	0	0	0	0	0	0	15,000	165,000
Texas Eastern Transmission - M3	165,000	130,000	120,000	6,000	90,000	90,000	90,000	90,000	781,000
National Fuel Gas Supply	14,000	0	102,000	155,000	168,000	173,600	173,600	168,000	954,200
Tennessee into Columbia	<u>56,000</u>	<u>60,000</u>	<u>45,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>261,000</u>
<b>TOTAL MCF</b>	3,519,814	2,860,218	4,955,905	4,110,581	3,539,365	3,471,322	3,489,879	3,696,659	29,643,743
<u>Interstate Pricing</u>									
EQT - NAESEB	\$1.6322	\$1.7434	\$1.7776	\$1.7662	\$1.7903	\$1.8633	\$1.9012	\$1.6796	
DTI SP	\$1.5683	\$1.6692	\$1.6835	\$1.6734	\$1.7276	\$1.7955	\$1.8008	\$1.5853	
Tennessee Gas Pipeline	\$1.7905	\$1.8139	\$1.8644	\$1.8623	\$1.9076	\$1.9847	\$1.9873	\$1.7681	
Texas Eastern Transmission - M3	\$2.2902	\$1.9467	\$1.7603	\$1.7166	\$1.7801	\$1.9170	\$1.9170	\$1.6484	
National Fuel Gas Supply	\$1.5585	\$1.6588	\$1.6731	\$1.6631	\$1.7169	\$1.7845	\$1.7898	\$1.5754	
Tennessee into Columbia	\$1.7905	\$1.8139	\$1.8644	\$1.8623	\$1.9076	\$1.9847	\$1.9873	\$1.7681	
<u>Interstate Purchase Cost</u>									
EQT - NAESEB	\$5,116,614	\$4,655,128	\$8,175,069	\$6,401,910	\$5,292,896	\$5,371,476	\$5,515,801	\$5,255,003	\$45,783,897
DTI SP	0	0	151,515	510,391	526,906	547,630	549,249	435,955	2,721,646
Tennessee Gas Pipeline	268,578	0	0	0	0	0	0	26,522	295,100
Texas Eastern Transmission - M3	377,883	253,067	211,240	10,300	160,210	172,530	172,530	148,358	1,506,118
National Fuel Gas Supply	21,819	0	170,655	257,774	288,441	309,788	310,705	264,669	1,623,852
Tennessee into Columbia	<u>100,269</u>	<u>108,837</u>	<u>83,899</u>	<u>37,247</u>	<u>38,153</u>	<u>39,693</u>	<u>39,745</u>	<u>35,363</u>	<u>483,206</u>
<b>TOTAL COST</b>	\$5,885,163	\$5,017,032	\$8,792,378	\$7,217,621	\$6,306,606	\$6,441,118	\$6,588,031	\$6,165,869	\$52,413,818

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
WACCOG Storage Inventory Pricing

	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	Total
<u>WACCOG Storage Inventory Pricing</u>									
(Injection)/Withdrawal Mcf									
60SS/115SS - 863/865	1,500,000	1,400,000	(1,200,000)	(1,200,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	(5,100,000)
DTI GSS - 300196	450,000	175,000	(270,000)	(295,000)	(295,000)	(300,000)	(305,000)	(305,000)	(1,145,000)
EQT AVC GSS	1,500,000	1,385,000	(151,818)	(475,000)	(675,000)	(675,000)	(675,000)	(545,000)	(311,818)
DTI GSS - PNG	356,517	263,543	(90,000)	(305,000)	(305,000)	(305,000)	(305,000)	(275,000)	(964,940)
NFGS ESS	130,000	110,000	(40,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(300,000)
On-System (Dice)	250,000	150,000	125,000	(150,000)	(225,000)	(300,000)	(300,000)	(185,000)	(635,000)
TOTAL	4,186,517	3,483,543	(1,626,818)	(2,525,000)	(3,000,000)	(3,080,000)	(3,085,000)	(2,810,000)	(8,456,758)
WACCOG Storage Inventory Rate	\$ 2,2604	\$ 2,2604	\$ 1,8130	\$ 1,8090	\$ 1,8485	\$ 1,9255	\$ 1,9518	\$ 1,7251	
WACCOG Storage Inventory Cost	\$ 9,463,203	\$ 7,874,201	\$ (2,949,354)	\$ (4,567,644)	\$ (5,545,492)	\$ (5,930,590)	\$ (6,021,154)	\$ (4,847,617)	\$ (12,524,446)
Local Purchases - Mcf	600,143	620,688	643,762	659,419	662,614	651,657	638,821		
Interstate Purchases - Mcf	4,955,905	4,110,581	3,539,365	3,471,322	3,489,879	3,696,659	4,657,010		
	5,556,048	4,731,270	4,183,127	4,130,741	4,152,494	4,348,316	5,295,831		
Local Purchases - Cost	\$1,187,673	\$1,221,528	\$1,289,843	\$1,372,916	\$1,376,240	\$1,211,266	\$1,206,250		
Interstate Purchases - Cost	\$8,792,378	\$7,217,621	\$6,306,606	\$6,441,118	\$6,588,031	\$6,165,869	\$7,900,715		
Injection/Withdrawal Costs	\$78,098	\$104,829	\$121,313	\$125,039	\$125,628	\$109,541	\$65,160		
Other Purchased Gas Costs	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737	\$14,737		
	\$10,072,885	\$8,558,715	\$7,732,498	\$7,953,809	\$8,104,636	\$7,501,413	\$9,186,862		
WACCOG Inventory Pricing	\$ 1,8130	\$ 1,8090	\$ 1,8485	\$ 1,9255	\$ 1,9518	\$ 1,7251	\$ 1,7347		

	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	Total
<b>Storage Injection/Withdrawal Costs</b>									
<b>EQT AVC GSS</b>									
(Injection)/Withdrawal Mcf	1,500,000	1,385,000	(151,818)	(475,000)	(675,000)	(675,000)	(675,000)	(545,000)	
Fuel on Injection	\$ -	\$ -	\$ 0.0281	\$ 0.0279	\$ 0.0288	\$ 0.0300	\$ 0.0300	\$ 0.0265	
Injection Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Withdrawal Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ -	\$ -	\$ 0.0281	\$ 0.0279	\$ 0.0288	\$ 0.0300	\$ 0.0300	\$ 0.0265	
EQT AVC GSS Cost	\$ -	\$ -	\$ 4,266	\$ 13,267	\$ 19,461	\$ 20,224	\$ 20,284	\$ 14,423	
<b>EQT 60SS/115SS</b>									
(Injection)/Withdrawal Mcf	1,500,000	1,400,000	(1,200,000)	(1,200,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	
Fuel on Injection	\$ -	\$ -	\$ 0.0342	\$ 0.0340	\$ 0.0350	\$ 0.0363	\$ 0.0364	\$ 0.0324	
Injection Charge	\$ -	\$ -	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	
Withdrawal Charge	\$ 0.0069	\$ 0.0069	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0069	\$ 0.0069	\$ 0.0411	\$ 0.0409	\$ 0.0419	\$ 0.0432	\$ 0.0433	\$ 0.0393	
EQT 60SS/115SS Cost	\$ 10,350	\$ 9,660	\$ 49,340	\$ 49,113	\$ 58,724	\$ 60,513	\$ 60,652	\$ 54,978	
<b>DTI GSS - PNG</b>									
(Injection)/Withdrawal Mcf	356,517	263,543	(90,000)	(305,000)	(305,000)	(305,000)	(305,000)	(275,000)	
Fuel on Injection	\$ -	\$ -	\$ 0.0335	\$ 0.0333	\$ 0.0344	\$ 0.0357	\$ 0.0358	\$ 0.0315	
Injection Charge	\$ -	\$ -	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	
Withdrawal Charge	\$ 0.0153	\$ 0.0153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0153	\$ 0.0153	\$ 0.0622	\$ 0.0620	\$ 0.0631	\$ 0.0644	\$ 0.0645	\$ 0.0602	
DTI GSS COSTS - PNG	\$ 5,455	\$ 4,032	\$ 5,596	\$ 18,904	\$ 19,233	\$ 19,645	\$ 19,677	\$ 16,563	
<b>DTI GSS - EGC</b>									
(Injection)/Withdrawal Mcf	450,000	175,000	(270,000)	(295,000)	(295,000)	(300,000)	(305,000)	(305,000)	
Fuel on Injection	\$ -	\$ -	\$ 0.0335	\$ 0.0333	\$ 0.0344	\$ 0.0357	\$ 0.0358	\$ 0.0315	
Injection Charge	\$ -	\$ -	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	
Withdrawal Charge	\$ 0.0153	\$ 0.0153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0153	\$ 0.0153	\$ 0.0622	\$ 0.0620	\$ 0.0631	\$ 0.0644	\$ 0.0645	\$ 0.0602	
DTI GSS COSTS - EGC	\$ 6,885	\$ 2,678	\$ 16,789	\$ 18,284	\$ 18,602	\$ 19,323	\$ 19,677	\$ 18,370	
<b>NFGS ESS</b>									
(Injection)/Withdrawal Mcf	130,000	110,000	(40,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	
Fuel on Injection	\$ -	\$ -	\$ 0.0103	\$ 0.0102	\$ 0.0105	\$ 0.0110	\$ 0.0110	\$ 0.0097	
Injection Charge	\$ -	\$ -	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	
Withdrawal Charge	\$ 0.0424	\$ 0.0424	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0424	\$ 0.0424	\$ 0.0527	\$ 0.0526	\$ 0.0529	\$ 0.0534	\$ 0.0534	\$ 0.0521	
NFGS ESS Cost	\$ 5,512	\$ 4,664	\$ 2,107	\$ 5,261	\$ 5,294	\$ 5,335	\$ 5,338	\$ 5,207	
TOTAL STORAGE INI/WD COST	\$ 28,202	\$ 21,034	\$ 78,098	\$ 104,829	\$ 121,313	\$ 125,039	\$ 125,628	\$ 109,541	\$ 713,684

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Other Gas Costs

	2020 <u>February</u>	2020 <u>March</u>	2020 <u>April</u>	2020 <u>May</u>	2020 <u>June</u>	2020 <u>July</u>	2020 <u>August</u>	2020 <u>September</u>	<u>Total</u>
Gas Admin Costs	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 117,893
Imbalance Buyback									
Mcf	0	0	0	0	0	0	0	0	0
Amount	0	0	0	0	0	0	0	0	0
Exchange Gas									
Mcf	0	0	0	0	0	0	0	0	0
Amount	0	0	0	0	0	0	0	0	0
TOTAL OTHER GAS COSTS	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 14,737	\$ 117,893

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Interstate Pipeline Demand and Capacity Costs

	2020	2020	2020	2020	2020	2020	2020	2020	2020	Total
	February	March	April	May	June	July	August	September		
<u>Interstate Transportation</u>										
<u>Equitrans</u>										
FTS - 770										
Demand Determinant - Dth	251,700	251,700	62,000	62,000	62,000	62,000	62,000	62,000	62,000	
Demand Rate - \$/Dth	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	
Demand Cost - \$	\$ 1,934,315	\$ 1,934,315	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 6,727,449
<u>Equitrans</u>										
NOFT - 860										
Demand Determinant - Dth	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	
Demand Rate - \$/Dth	\$ 8,291	\$ 8,291	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	
Demand Cost - \$	\$ 659,500	\$ 659,500	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 4,907,545
<u>Equitrans</u>										
FTS - 861										
Demand Determinant - Dth	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	
Demand Rate - \$/Dth	\$ 6,121	\$ 6,121	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	
Demand Cost - \$	\$ 1,009,501	\$ 1,009,501	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 7,517,177
<u>Dominion Transmission</u>										
FTNN - 100119										
Demand Determinant - Dth	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Rate - \$/Dth	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	
Demand Cost - \$ 1/	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 1,419,299
<u>Dominion Transmission</u>										
FT - 200654										
Demand Determinant - Dth	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Rate - \$/Dth	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	
Demand Cost - \$	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 1,333,664
<u>Texas Eastern Transmission</u>										
FT-1										
Demand Determinant - Dth	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	
Demand Rate - \$/Dth	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	
Demand Cost - \$	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 1,901,287
<u>National Fuel Gas Supply</u>										
EFT										
Demand Determinant - Dth	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	
Demand Rate - \$/Dth	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	
Demand Cost - \$	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 482,975
<u>Equitable Energy - NAESB</u>										
Demand Determinant - Dth	11,665,780	12,915,685	-	-	-	-	-	-	-	
Demand Rate - \$/Dth	\$ 0.1746	\$ 0.1746	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Demand Cost - \$	\$ 2,096,845	\$ 2,255,079	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,291,924
TGP Winter Reservation - 24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TETCO Winter Reservation - M3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TETCO - ANA 2/	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (177,000)	\$ (1,416,000)
<u>Total Demand and Capacity Costs</u>										
Demand Determinant - Dth	607,306	607,306	417,606	417,606	417,606	417,606	417,606	417,606	417,606	
Demand Cost - \$	\$ 6,105,314	\$ 6,323,547	\$ 2,456,076	\$ 2,456,076	\$ 2,456,076	\$ 2,456,076	\$ 2,456,076	\$ 2,456,076	\$ 2,456,076	\$ 27,165,319

1/ DTI Contract 100119 Capacity Charges include additional costs for HUB III project  
2/ Reflects 75% of the ANA capacity release revenues.

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Interstate Pipeline Demand and Capacity Costs

	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	Total
<b>Interstate Storage</b>									
<b>Dominion Transmission</b>									
GSS -300181	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Determinant - Dth	\$ 1,8698	\$ 1,8698	\$ 1,8698	\$ 1,8698	\$ 1,8698	\$ 1,8698	\$ 1,8698	\$ 1,8698	
Demand Rate - \$/Dth	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	
Demand Cost - \$									
Capacity Determinant - Dth	4,600,000	4,600,000	4,600,000	4,600,000	4,600,000	4,600,000	4,600,000	4,600,000	
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	\$ 0.0145	
Capacity Cost - \$	\$ 66,700	\$ 66,700	\$ 66,700	\$ 66,700	\$ 66,700	\$ 66,700	\$ 66,700	\$ 66,700	
<b>Dominion Transmission</b>									
GSS -300196	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Determinant - Dth	\$ 5,1188	\$ 5,1188	\$ 5,1188	\$ 5,1188	\$ 5,1188	\$ 5,1188	\$ 5,1188	\$ 5,1188	
Demand Rate - \$/Dth	\$ 204,752	\$ 204,752	\$ 204,752	\$ 204,752	\$ 204,752	\$ 204,752	\$ 204,752	\$ 204,752	
Demand Cost - \$									
Capacity Determinant - Dth	2,480,000	2,480,000	2,480,000	2,480,000	2,480,000	2,480,000	2,480,000	2,480,000	
Capacity Rate - \$/Dth	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	\$ 0.0841	
Capacity Cost - \$	\$ 208,568	\$ 208,568	\$ 208,568	\$ 208,568	\$ 208,568	\$ 208,568	\$ 208,568	\$ 208,568	
<b>Equitrans</b>									
60SS - 863	137,010	137,010	137,010	137,010	137,010	137,010	137,010	137,010	
Demand Determinant - Dth	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	
Demand Rate - \$/Dth	\$ 204,816	\$ 204,816	\$ 204,816	\$ 204,816	\$ 204,816	\$ 204,816	\$ 204,816	\$ 204,816	
Demand Cost - \$									
Capacity Determinant - Dth	7,473,296	7,473,296	7,473,296	7,473,296	7,473,296	7,473,296	7,473,296	7,473,296	
Capacity Rate - \$/Dth	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	
Capacity Cost - \$	\$ 195,800	\$ 195,800	\$ 195,800	\$ 195,800	\$ 195,800	\$ 195,800	\$ 195,800	\$ 195,800	
<b>Equitrans</b>									
115SS - 865	50,536	50,536	50,536	50,536	50,536	50,536	50,536	50,536	
Demand Determinant - Dth	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	\$ 1,4949	
Demand Rate - \$/Dth	\$ 75,546	\$ 75,546	\$ 75,546	\$ 75,546	\$ 75,546	\$ 75,546	\$ 75,546	\$ 75,546	
Demand Cost - \$									
Capacity Determinant - Dth	5,283,357	5,283,357	5,283,357	5,283,357	5,283,357	5,283,357	5,283,357	5,283,357	
Capacity Rate - \$/Dth	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	\$ 0.0262	
Capacity Cost - \$	\$ 138,424	\$ 138,424	\$ 138,424	\$ 138,424	\$ 138,424	\$ 138,424	\$ 138,424	\$ 138,424	
<b>National Fuel Gas Supply</b>									
<b>ESS</b>									
Demand Determinant - Dth	9,793	9,793	9,793	9,793	9,793	9,793	9,793	9,793	
Demand Rate - \$/Dth	\$ 2,5678	\$ 2,5678	\$ 2,5678	\$ 2,5678	\$ 2,5678	\$ 2,5678	\$ 2,5678	\$ 2,5678	
Demand Cost - \$	\$ 25,146	\$ 25,146	\$ 25,146	\$ 25,146	\$ 25,146	\$ 25,146	\$ 25,146	\$ 25,146	
Capacity Determinant - Dth	748,611	748,611	748,611	748,611	748,611	748,611	748,611	748,611	
Capacity Rate - \$/Dth	\$ 0.0399	\$ 0.0399	\$ 0.0399	\$ 0.0399	\$ 0.0399	\$ 0.0399	\$ 0.0399	\$ 0.0399	
Capacity Cost - \$	\$ 29,870	\$ 29,870	\$ 29,870	\$ 29,870	\$ 29,870	\$ 29,870	\$ 29,870	\$ 29,870	
<b>Equitrans</b>									
60SS - Acquired Capacity from PG	4,000	4,000	-	-	-	-	-	-	
Demand Determinant - Dth	\$ 1,8438	\$ 1,8438	-	-	-	-	-	-	
Demand Rate - \$/Dth	\$ 7,375	\$ 7,375	-	-	-	-	-	-	
Demand Cost - \$									
Capacity Determinant - Dth	218,182	218,182	-	-	-	-	-	-	
Capacity Rate - \$/Dth	\$ 0.0145	\$ 0.0145	-	-	-	-	-	-	
Capacity Cost - \$	\$ 3,164	\$ 3,164	-	-	-	-	-	-	
<b>Total Storage Demand/Capacity Costs</b>									
Demand Determinant - Dth	281,339	281,339	277,339	277,339	277,339	277,339	277,339	277,339	
Capacity Determinant - Dth	20,803,446	20,803,446	20,585,264	20,585,264	20,585,264	20,585,264	20,585,264	20,585,264	
Total Cost - \$	\$ 1,234,954	\$ 1,234,954	\$ 1,224,415	\$ 1,224,415	\$ 1,224,415	\$ 1,224,415	\$ 1,224,415	\$ 1,224,415	\$ 9,816,397

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
Interstate Pipeline Demand and Capacity Costs

<u>Interstate Storage Transportation</u>									
<u>Equitrans</u>									
FTS - 862									
Demand Determinant - Dth	137,010	137,010	74,733	74,733	74,733	74,733	74,733	74,733	74,733
Demand Rate - \$/Dth	\$ 6.1206	\$ 6.1206	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559
Demand Cost - \$	\$ 838,583	\$ 838,583	\$ 415,209	\$ 415,209	\$ 415,209	\$ 415,209	\$ 415,209	\$ 415,209	\$ 415,209
Total \$ 4,168,421									
<u>Equitrans</u>									
FTS - 864									
Demand Determinant - Dth	50,536	50,536	26,417	26,417	26,417	26,417	26,417	26,417	26,417
Demand Rate - \$/Dth	\$ 6.1206	\$ 6.1206	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559	\$ 5.5559
Demand Cost - \$	\$ 309,311	\$ 309,311	\$ 146,770	\$ 146,770	\$ 146,770	\$ 146,770	\$ 146,770	\$ 146,770	\$ 146,770
Total \$ 1,499,243									
<u>Total Demand and Capacity Costs</u>									
Demand Determinant - Dth	187,546	187,546	101,150	101,150	101,150	101,150	101,150	101,150	101,150
Demand Cost - \$	\$ 1,147,894	\$ 1,147,894	\$ 561,979	\$ 561,979	\$ 561,979	\$ 561,979	\$ 561,979	\$ 561,979	\$ 561,979
Total \$ 5,667,664									



Peoples Natural Gas Company  
Annual 1307(f)-2020  
Interim Period Projected Gas Costs  
**EQT AVC Demand and Capacity Charges**

	2020 <u>February</u>	2020 <u>March</u>	2020 <u>April</u>	2020 <u>May</u>	2020 <u>June</u>	2020 <u>July</u>	2020 <u>August</u>	2020 <u>September</u>	<u>Total</u>
<b><u>Interstate Transportation</u></b>									
<u>Equitrans</u>									
AVC - 773									
Demand Determinant - Dth	251,700	251,700	62,000	62,000	62,000	62,000	62,000	62,000	
Demand Rate - \$/Dth	\$ 10.2251	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	
Demand Cost - \$	\$ 2,573,658	\$ 2,596,839	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 9,008,495
<b><u>Interstate Storage Transportation</u></b>									
<u>Equitrans</u>									
AVC - 774									
Demand Determinant - Dth	200,000	200,000	62,000	62,000	62,000	62,000	62,000	62,000	
Demand Rate - \$/Dth	\$ 10.2251	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	\$ 10.3172	
Demand Cost - \$	\$ 2,045,020	\$ 2,063,440	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 639,666	\$ 7,946,458
<b><u>Interstate Storage</u></b>									
<u>Equitrans</u>									
AVC - 775									
Demand Determinant - Dth	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
Demand Rate - \$/Dth	\$ 3.6190	\$ 3.8106	\$ 3.8106	\$ 3.8106	\$ 3.8106	\$ 3.8106	\$ 3.8106	\$ 3.8106	
Demand Cost - \$	\$ 723,800	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 6,058,640
Capacity Determinant - Dth	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	
Capacity Rate - \$/Dth	\$ 0.0842	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	
Capacity Cost - \$	\$ 724,120	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 6,057,840
<b><u>AVC GSS Capacity Release</u></b>									
Demand Determinant - Mcf	42,888	42,888	42,888	42,888	42,888	42,888	42,888	42,888	
Demand Rate - \$/Mcf	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	
Demand Cost - \$	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	
TOTAL AVC Capacity Costs	\$ 6,031,001	\$ 6,148,762	\$ 2,767,816	\$ 2,767,816	\$ 2,767,816	\$ 2,767,816	\$ 2,767,816	\$ 2,767,816	\$ 28,786,657

Peoples Natural Gas Company LLC  
Annual 1307(f)-2020  
Projected Period Gas Costs  
SUMMARY

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Total
<b>Local / Gathered Purchases</b>													
Quantity - Mcf	638,821	662,575	638,846	596,714	541,994	575,992	575,810	595,357	616,012	633,380	633,732	623,799	7,332,972
Rate per Mcf	\$1,8882	\$2,1794	\$2,5046	\$2,6794	\$2,6540	\$2,5475	\$2,2875	\$2,2063	\$2,1923	\$2,2561	\$2,2515	\$2,0358	\$2,2995
Cost	\$1,206,250	\$1,444,033	\$1,600,070	\$1,598,827	\$1,438,464	\$1,467,349	\$1,317,163	\$1,313,538	\$1,350,483	\$1,426,992	\$1,426,860	\$1,269,787	\$ 16,861,814
<b>Interstate Pipeline Purchases</b>													
Quantity - Mcf	4,657,010	3,225,181	4,610,626	3,987,527	3,479,043	2,827,161	4,952,683	4,130,378	3,566,304	3,499,203	3,519,459	3,720,323	46,173,900
Rate per Mcf	\$1,6985	\$1,9758	\$2,3116	\$2,5609	\$2,4980	\$2,3214	\$2,0641	\$1,9752	\$1,9529	\$2,0127	\$2,0444	\$1,8260	\$2,0958
Cost	\$7,900,715	\$6,372,262	\$10,657,818	\$10,211,736	\$8,690,794	\$6,563,010	\$10,222,982	\$8,158,449	\$6,964,574	\$7,040,894	\$7,195,242	\$6,793,337	\$ 96,771,812
<b>Total Commodity Purchases</b>													
Quantity - Mcf	5,295,831	3,887,756	5,249,473	4,584,241	4,021,037	3,403,153	5,528,493	4,725,736	4,182,316	4,131,583	4,153,191	4,344,062	53,506,872
Rate per Mcf	\$1,7196	\$2,0105	\$2,3351	\$2,5763	\$2,5191	\$2,3597	\$2,0874	\$2,0043	\$1,9881	\$2,0500	\$2,0760	\$1,8561	\$2,1237
Cost	\$ 9,106,965	\$ 7,816,296	\$ 12,257,888	\$ 11,810,562	\$ 10,129,258	\$ 8,030,359	\$ 11,540,145	\$ 9,471,987	\$ 8,315,057	\$ 8,469,885	\$ 8,622,102	\$ 8,063,124	\$ 113,633,626
<b>Storage (Injection)/Withdrawals - WACCOG</b>													
Quantity - Mcf	(1,600,000)	1,964,000	3,181,000	5,020,000	4,186,517	3,483,543	(1,626,818)	(2,530,000)	(3,000,000)	(3,080,000)	(3,085,000)	(2,810,000)	103,242
WACCOG Rate per Mcf	\$1,7347	\$1,8245	\$1,8245	\$1,8245	\$1,8245	\$1,8245	\$2,1040	\$2,0299	\$2,0207	\$2,0839	\$2,1098	\$1,8846	\$2,1237
Cost	(\$2,775,575)	\$3,583,378	\$5,803,831	\$9,159,142	\$7,638,427	\$6,355,830	(\$3,422,858)	(\$5,135,548)	(\$6,062,224)	(\$6,418,274)	(\$6,508,753)	(\$5,295,843)	(\$3,078,467)
Injection/Withdrawal Costs	\$65,160	\$18,494	\$31,618	\$45,917	\$28,202	\$21,034	\$80,971	\$109,654	\$125,376	\$128,790	\$129,382	\$112,930	\$897,527
Pipeline Transportation Charges													\$0
<b>Other Purchased Gas Costs</b>													
Other Gas Costs - Mcf													0
Gas Admin Costs	\$14,737	\$14,737	\$14,737	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$142,722
Imbalance Buyback Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Compressed Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$14,737	\$14,737	\$14,737	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$142,722
<b>Capacity Costs - Firm Transportation</b>													
Capacity Costs - Firm Storage	\$2,456,076	\$6,427,803	\$6,500,547	\$6,500,547	\$6,282,314	\$6,500,547	\$2,633,076	\$2,633,076	\$2,633,076	\$2,633,076	\$2,633,076	\$2,633,076	\$50,466,292
AVC Capacity Costs	\$1,786,394	\$2,372,309	\$2,372,309	\$2,372,309	\$2,372,309	\$2,372,309	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394	\$1,786,394	\$24,366,304
	\$2,767,816	\$6,148,762	\$6,148,762	\$6,148,762	\$6,148,762	\$6,148,762	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816	\$2,767,816	\$50,118,521
	\$7,010,286	\$14,948,874	\$15,021,618	\$15,021,618	\$14,803,385	\$15,021,618	\$7,187,286	\$7,187,286	\$7,187,286	\$7,187,286	\$7,187,286	\$7,187,286	\$124,951,117
<b>Total 1307(f) Gas Costs</b>	\$ 13,421,573	\$ 26,381,777	\$ 33,129,692	\$ 36,048,185	\$ 32,610,217	\$ 29,439,787	\$ 15,396,490	\$ 11,644,324	\$ 9,576,441	\$ 9,378,634	\$ 9,440,963	\$ 10,078,443	\$ 236,546,526
Total - w/o AVC	\$ 10,653,757	\$ 20,233,015	\$ 26,980,930	\$ 29,899,423	\$ 26,461,455	\$ 23,291,024	\$ 12,628,674	\$ 8,876,509	\$ 6,808,625	\$ 6,610,818	\$ 6,673,147	\$ 7,310,627	\$ 186,428,004
Capacity (excludes AVC)	\$ 4,242,471	\$ 8,800,111	\$ 8,872,856	\$ 8,872,856	\$ 8,654,623	\$ 8,872,856	\$ 4,419,471	\$ 4,419,471	\$ 4,419,471	\$ 4,419,471	\$ 4,419,471	\$ 4,419,471	\$ 74,832,596
Commodity	\$ 6,411,287	\$ 11,432,903	\$ 18,108,074	\$ 21,026,567	\$ 17,806,833	\$ 14,418,168	\$ 8,209,203	\$ 4,457,038	\$ 2,389,155	\$ 2,191,347	\$ 2,253,676	\$ 2,891,157	\$ 111,595,408
1307(f) Mcf	3,695,831	5,851,756	8,430,473	9,604,241	8,207,554	6,886,696	3,901,675	2,195,736	1,182,316	1,051,583	1,068,191	1,534,062	53,610,114

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Projected Period Gas Costs  
Local Purchases

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Collection
<u>Local / Gathered Purchases</u>													
Quantity - Mcf	638,821	662,575	638,846	596,714	541,994	575,992	575,810	595,357	616,012	633,380	633,732	623,739	7,332,972
Rate per Mcf	\$ 1.888	\$ 2.179	\$ 2.505	\$ 2.679	\$ 2.654	\$ 2.548	\$ 2.287	\$ 2.206	\$ 2.192	\$ 2.256	\$ 2.252	\$ 2.036	\$ 2.299
Cost	\$ 1,206,250	\$ 1,444,033	\$ 1,600,070	\$ 1,598,827	\$ 1,438,464	\$ 1,467,349	\$ 1,317,163	\$ 1,313,538	\$ 1,350,483	\$ 1,428,992	\$ 1,426,860	\$ 1,269,787	\$ 16,861,814

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Projected Period Gas Costs  
Interstate Pipeline Purchases

<u>City-Gate Mcf</u>	<u>2020 October</u>	<u>2020 November</u>	<u>2020 December</u>	<u>2021 January</u>	<u>2021 February</u>	<u>2021 March</u>	<u>2021 April</u>	<u>2021 May</u>	<u>2021 June</u>	<u>2021 July</u>	<u>2021 August</u>	<u>2021 September</u>	<u>12-Mth Collection</u>
EQT - NAESB	4,201,010	2,963,181	4,017,126	3,335,027	3,093,543	2,637,161	4,595,683	3,644,378	2,983,304	2,909,603	2,930,859	3,152,323	40,463,200
DTI SP	125,000	0	0	0	0	0	90,000	305,000	305,000	305,000	305,000	275,000	1,710,000
Tennessee Gas Pipeline	20,000	22,000	150,000	210,000	150,000	0	0	0	0	0	0	15,000	567,000
Texas Eastern Transmission - M3	90,000	140,000	260,000	285,000	165,000	130,000	120,000	6,000	90,000	90,000	90,000	90,000	1,556,000
National Fuel Gas Supply	186,000	60,000	108,500	77,500	14,500	0	102,000	155,000	168,000	173,600	173,600	168,000	1,386,700
Tennessee into Columbia	35,000	40,000	75,000	80,000	56,000	60,000	45,000	20,000	20,000	20,000	20,000	20,000	491,000
<b>TOTAL MCF</b>	<b>4,657,010</b>	<b>3,225,181</b>	<b>4,610,626</b>	<b>3,987,527</b>	<b>3,479,043</b>	<b>2,827,161</b>	<b>4,952,683</b>	<b>4,130,378</b>	<b>3,566,304</b>	<b>3,498,203</b>	<b>3,519,459</b>	<b>3,720,323</b>	<b>46,173,900</b>
<b>Interstate Pricing</b>													
EQT - NAESB	\$1.7033	\$1.9656	\$2.2599	\$2.3950	\$2.3959	\$2.2931	\$2.0662	\$1.9855	\$1.9609	\$2.0201	\$2.0574	\$1.8390	
DTI SP	\$1.6023	\$1.9144	\$2.2159	\$2.3646	\$2.3338	\$2.2202	\$1.9728	\$1.8932	\$1.8985	\$1.9526	\$1.9574	\$1.7451	
Tennessee Gas Pipeline	\$1.7952	\$2.0362	\$2.3344	\$2.5713	\$2.5177	\$2.4297	\$2.1585	\$2.0882	\$2.0856	\$2.1465	\$2.1512	\$1.9352	
Texas Eastern Transmission - M3	\$1.6651	\$2.1949	\$3.1360	\$4.5492	\$4.4045	\$2.8461	\$2.1039	\$1.9451	\$1.9659	\$2.0867	\$2.0836	\$1.7452	
National Fuel Gas Supply	\$1.5923	\$1.9028	\$2.2027	\$2.3505	\$2.3199	\$2.2069	\$1.9608	\$1.8816	\$1.8869	\$1.9408	\$1.9455	\$1.7343	
Tennessee into Columbia	\$1.7952	\$2.0362	\$2.3344	\$2.5713	\$2.5177	\$2.4297	\$2.1585	\$2.0882	\$2.0856	\$2.1465	\$2.1512	\$1.9352	
<b>Interstate Purchase Cost</b>													
EQT - NAESB	\$7,155,668	\$5,824,559	\$9,078,215	\$7,987,390	\$7,411,780	\$6,047,236	\$9,495,826	\$7,235,936	\$5,849,883	\$5,877,686	\$6,029,939	\$5,797,269	\$83,791,387
EQT NOFT Release	0	0	0	0	0	0	0	0	0	0	0	0	0
DTI SP	200,285	0	0	0	0	0	177,553	577,422	579,041	595,555	597,013	479,896	3,206,765
Tennessee Gas Pipeline	35,904	44,796	350,166	539,967	377,649	0	0	0	0	0	0	29,028	1,377,511
Texas Eastern Transmission - M3	149,857	307,293	815,363	1,296,513	726,738	369,992	252,463	11,671	176,934	187,802	187,521	157,071	4,639,218
National Fuel Gas Supply	296,169	114,166	238,990	182,164	33,638	0	200,006	291,655	317,004	336,920	337,745	291,368	2,639,826
Tennessee into Columbia	62,832	81,448	175,083	205,702	140,989	145,782	97,133	41,765	41,713	42,931	43,025	38,704	1,117,106
<b>TOTAL COST</b>	<b>\$7,900,715</b>	<b>\$6,372,262</b>	<b>\$10,657,818</b>	<b>\$10,211,736</b>	<b>\$8,690,794</b>	<b>\$6,563,010</b>	<b>\$10,222,982</b>	<b>\$8,158,449</b>	<b>\$6,964,574</b>	<b>\$7,040,894</b>	<b>\$7,195,242</b>	<b>\$6,793,337</b>	<b>\$96,771,812</b>

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Projected Period Gas Costs  
WACCOG Storage Inventory Pricing

WACCOG Storage Inventory Pricing

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Collection
(Injection)/Withdrawal Mcf													
60SS/115SS - 863/865	(800,000)	1,400,000	2,000,000	2,625,000	1,500,000	1,400,000	(1,200,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	125,000
DTI GSS - 300196	(275,000)	250,000	460,000	715,000	450,000	175,000	(270,000)	(295,000)	(295,000)	(300,000)	(305,000)	(305,000)	-
EQT AVC GSS	(200,000)	-	-	485,000	1,500,000	1,385,000	(151,818)	(475,000)	(675,000)	(675,000)	(675,000)	(545,000)	(26,818)
DTI GSS - PNG	(125,000)	150,000	300,000	645,000	356,517	263,543	(90,000)	(305,000)	(305,000)	(305,000)	(305,000)	(275,000)	5,060
NFGS ESS	(75,000)	64,000	146,000	165,000	130,000	110,000	(40,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	-
On-System (Dice)	(125,000)	100,000	275,000	385,000	250,000	150,000	125,000	(150,000)	(225,000)	(300,000)	(300,000)	(185,000)	-
TOTAL	(1,600,000)	1,964,000	3,181,000	5,020,000	4,186,517	3,483,543	(1,626,818)	(2,530,000)	(3,000,000)	(3,080,000)	(3,085,000)	(2,810,000)	103,242
WACCOG Storage Inventory Rate	\$ 1.7347	\$ 1.8245	\$ 1.8245	\$ 1.8245	\$ 1.8245	\$ 1.8245	\$ 2.1040	\$ 2.0299	\$ 2.0207	\$ 2.0839	\$ 2.1098	\$ 1.8846	
WACCOG Storage Inventory Cost	\$ (2,775,575)	\$ 3,583,378	\$ 5,803,831	\$ 9,159,142	\$ 7,638,427	\$ 6,355,830	\$ (3,422,858)	\$ (5,135,548)	\$ (6,062,224)	\$ (6,418,274)	\$ (6,508,753)	\$ (5,295,843)	\$ (3,078,467)

	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September
Local Purchases - Mcf	575,810	595,357	616,012	633,380	633,732	623,739
Interstate Purchases - Mcf	4,952,683	4,130,378	3,566,304	3,498,203	3,519,459	3,720,323
	5,528,493	4,725,736	4,182,316	4,131,583	4,153,191	4,344,062
Local Purchases - Cost	\$1,317,163	\$1,313,538	\$1,350,483	\$1,428,992	\$1,426,860	\$1,269,787
Interstate Purchases - Cost	\$10,222,982	\$8,158,449	\$6,964,574	\$7,040,894	\$7,195,242	\$6,793,337
Injection/Withdrawal Costs	\$80,971	\$109,654	\$125,376	\$128,790	\$129,382	\$112,930
Other Purchased Gas Costs	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946	\$10,946
	\$11,632,061	\$9,592,586	\$8,451,379	\$8,609,621	\$8,762,429	\$8,187,000
WACCOG Inventory Pricing	\$ 2.1040	\$ 2.0299	\$ 2.0207	\$ 2.0839	\$ 2.1098	\$ 1.8846

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Collection
<b>Storage Injection/Withdrawal Costs</b>													
<b>EQT AVC GSS</b>													
(Injection)/Withdrawal Mcf	(200,000)	-	-	485,000	1,500,000	1,385,000	(151,818)	(475,000)	(675,000)	(675,000)	(675,000)	(545,000)	(26,818)
Fuel on Injection	\$ 0.0267	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0329	\$ 0.0316	\$ 0.0317	\$ 0.0326	\$ 0.0327	\$ 0.0291	
Injection Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Withdrawal Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0267	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0329	\$ 0.0316	\$ 0.0317	\$ 0.0326	\$ 0.0327	\$ 0.0291	
EQT AVC GSS Cost	\$ 5,349	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,996	\$ 15,004	\$ 21,380	\$ 21,988	\$ 22,042	\$ 15,872	\$ 106,633
<b>EQT 60SS/115SS</b>													
(Injection)/Withdrawal Mcf	(800,000)	1,400,000	2,000,000	2,625,000	1,500,000	1,400,000	(1,200,000)	(1,200,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	125,000
Fuel on Injection	\$ 0.0327	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0342	\$ 0.0340	\$ 0.0350	\$ 0.0363	\$ 0.0364	\$ 0.0324	
Injection Charge	\$ 0.0069	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	
Withdrawal Charge	\$ -	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0396	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0411	\$ 0.0409	\$ 0.0419	\$ 0.0432	\$ 0.0433	\$ 0.0393	
EQT 60SS/115SS Cost	\$ 31,672	\$ 9,660	\$ 13,800	\$ 18,113	\$ 10,350	\$ 9,660	\$ 49,340	\$ 49,113	\$ 58,724	\$ 60,513	\$ 60,652	\$ 54,978	\$ 426,574
<b>DTI GSS - PNG</b>													
(Injection)/Withdrawal Mcf	(125,000)	150,000	300,000	645,000	356,517	263,543	(90,000)	(305,000)	(305,000)	(305,000)	(305,000)	(275,000)	5,060
Fuel on Injection	\$ 0.0319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0392	\$ 0.0377	\$ 0.0378	\$ 0.0388	\$ 0.0389	\$ 0.0347	
Injection Charge	\$ 0.0287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	
Withdrawal Charge	\$ -	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0606	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0679	\$ 0.0664	\$ 0.0665	\$ 0.0675	\$ 0.0676	\$ 0.0634	
DTI GSS COSTS - PNG	\$ 7,571	\$ 2,295	\$ 4,590	\$ 9,869	\$ 5,455	\$ 4,032	\$ 6,114	\$ 20,237	\$ 20,269	\$ 20,598	\$ 20,627	\$ 17,437	\$ 139,093
<b>DTI GSS - EGC</b>													
(Injection)/Withdrawal Mcf	(275,000)	250,000	460,000	715,000	450,000	175,000	(270,000)	(300,000)	(295,000)	(300,000)	(305,000)	(305,000)	-
Fuel on Injection	\$ 0.0319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0392	\$ 0.0377	\$ 0.0378	\$ 0.0388	\$ 0.0389	\$ 0.0347	
Injection Charge	\$ 0.0287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	\$ 0.0287	
Withdrawal Charge	\$ -	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0606	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0679	\$ 0.0664	\$ 0.0665	\$ 0.0675	\$ 0.0676	\$ 0.0634	
DTI GSS COSTS - EGC	\$ 16,656	\$ 3,825	\$ 7,038	\$ 10,940	\$ 6,885	\$ 2,678	\$ 18,342	\$ 19,905	\$ 19,605	\$ 20,260	\$ 20,627	\$ 19,339	\$ 166,099
<b>NFGS ESS</b>													
(Injection)/Withdrawal Mcf	(75,000)	64,000	145,000	165,000	130,000	110,000	(40,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	-
Fuel on Injection	\$ 0.0098	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0120	\$ 0.0115	\$ 0.0116	\$ 0.0119	\$ 0.0119	\$ 0.0106	
Injection Charge	\$ 0.0424	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	
Withdrawal Charge	\$ -	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 0.0522	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0424	\$ 0.0544	\$ 0.0539	\$ 0.0540	\$ 0.0543	\$ 0.0543	\$ 0.0530	
NFGS ESS Cost	\$ 3,913	\$ 2,714	\$ 6,190	\$ 6,996	\$ 5,512	\$ 4,664	\$ 2,177	\$ 5,395	\$ 5,398	\$ 5,431	\$ 5,434	\$ 5,304	\$ 59,129
<b>TOTAL STORAGE INI/WD COST</b>	\$ 65,160	\$ 18,494	\$ 31,618	\$ 45,917	\$ 28,202	\$ 21,034	\$ 80,971	\$ 109,654	\$ 125,376	\$ 128,790	\$ 129,382	\$ 112,930	\$ 897,527

Peoples Natural Gas Company  
Annual 1307(f)-2020  
Projected Period Gas Costs  
**Other Gas Costs**

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Collection
Gas Admin Costs	\$ 14,737	\$ 14,737	\$ 14,737	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 142,722
Imbalance Buyback Mcf	0	0	0	0	0	0	0	0	0	0	0	0	0
Amount	0	0	0	0	0	0	0	0	0	0	0	0	0
Exchange Gas Mcf	0	0	0	0	0	0	0	0	0	0	0	0	0
Amount	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTHER GAS COSTS	\$ 14,737	\$ 14,737	\$ 14,737	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 10,946	\$ 142,722

Interstate Pipeline Demand and Capacity Costs

	2020 October	2020 November	2020 December	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	12-Mth Collection
<u>Interstate Transportation</u>													
<u>Equitrans</u>													
FTS - 770													
Demand Determinant - Dth	62,000	251,700	251,700	251,700	251,700	251,700	62,000	62,000	62,000	62,000	62,000	62,000	
Demand Rate - \$/Dth	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	\$ 7,685	
Demand Cost - \$	\$ 476,470	\$ 1,934,315	\$ 1,934,315	\$ 1,934,315	\$ 1,934,315	\$ 1,934,315	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 476,470	\$ 13,006,863
<u>Equitrans</u>													
NOFT - 860													
Demand Determinant - Dth	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	79,545	
Demand Rate - \$/Dth	\$ 7,519	\$ 8,291	\$ 8,291	\$ 8,291	\$ 8,291	\$ 8,291	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	\$ 7,519	
Demand Cost - \$	\$ 598,091	\$ 659,500	\$ 659,500	\$ 659,500	\$ 659,500	\$ 659,500	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 598,091	\$ 7,484,135
<u>Equitrans</u>													
FTS - 861													
Demand Determinant - Dth	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	164,935	
Demand Rate - \$/Dth	\$ 5,556	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	
Demand Cost - \$	\$ 916,362	\$ 1,009,501	\$ 1,009,501	\$ 1,009,501	\$ 1,009,501	\$ 1,009,501	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 916,362	\$ 11,462,042
<u>Dominion Transmission</u>													
FTNN - 100119													
Demand Determinant - Dth	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Rate - \$/Dth	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	
Demand Cost - \$	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 177,412	\$ 2,128,949
<u>Dominion Transmission</u>													
FT - 200654													
Demand Determinant - Dth	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Demand Rate - \$/Dth	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	\$ 4,168	
Demand Cost - \$	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 166,708	\$ 2,000,496
<u>Texas Eastern Transmission</u>													
FT-1													
Demand Determinant - Dth	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	15,650	
Demand Rate - \$/Dth	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	\$ 15,186	
Demand Cost - \$	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 237,661	\$ 2,851,931
<u>National Fuel Gas Supply</u>													
EFT													
Demand Determinant - Dth	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	15,476	
Demand Rate - \$/Dth	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	\$ 3,901	
Demand Cost - \$	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 60,372	\$ 724,463
<u>Equitable Energy - NAESB</u>													
Demand Determinant - Dth	-	12,499,050	12,915,685	12,915,685	11,665,780	12,915,685	-	-	-	-	-	-	
Demand Rate - \$/Dth	\$ -	\$ 0.1746	\$ 0.1746	\$ 0.1746	\$ 0.1746	\$ 0.1746	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Demand Cost - \$	\$ -	\$ 2,182,334	\$ 2,255,079	\$ 2,255,079	\$ 2,036,845	\$ 2,255,079	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,984,415
TGP Winter Reservation - Z4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TETCO Winter Reservation - M3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TETCO - AMA	\$ (177,000)												\$ (177,000)
<u>Total Demand and Capacity Costs</u>													
Demand Determinant - Dth	417,606	607,306	607,306	607,306	607,306	607,306	417,606	417,606	417,606	417,606	417,606	417,606	
Demand Cost - \$	\$ 2,456,076	\$ 6,427,803	\$ 6,500,547	\$ 6,500,547	\$ 6,282,314	\$ 6,500,547	\$ 2,633,076	\$ 2,633,076	\$ 2,633,076	\$ 2,633,076	\$ 2,633,076	\$ 2,633,076	\$ 50,466,292

1/ DTI Contract 100119 Capacity Charges include additional costs for HUB III project

2/ Reflects 75% of the AMA capacity release revenues.







Peoples Natural Gas Company  
Annual 1307(f)-2020  
Projected Period Gas Costs  
EQT AVC Demand and Capacity

Interstate Transportation												
Equitrans												
AVC - 773												
Demand Determinant - Dth		62,000	251,700	251,700	251,700	251,700	251,700	251,700	251,700	251,700	251,700	251,700
	Demand Rate - \$/Dth	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172
	Demand Cost - \$	\$ 639,666	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839	\$ 2,596,839
Interstate Storage Transportation												
Equitrans												
AVC - 774												
Demand Determinant - Dth		62,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
	Demand Rate - \$/Dth	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172	\$ 10,3172
	Demand Cost - \$	\$ 639,666	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440	\$ 2,063,440
Interstate Storage												
Equitrans												
AVC - 775												
Demand Determinant - Dth		200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
	Demand Rate - \$/Dth	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106	\$ 3,8106
	Demand Cost - \$	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120	\$ 762,120
Capacity Determinant - Dth		8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000
	Capacity Rate - \$/Dth	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886	\$ 0.0886
	Capacity Cost - \$	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960	\$ 761,960
AVC GSS Capacity Release												
Demand Determinant - Mcf		42,888	42,888	42,888	42,888	42,888	42,888	42,888	42,888	42,888	42,888	42,888
	Demand Rate - \$/Mcf	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)	\$ (0.8300)
	Demand Cost - \$	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)	\$ (35,597)
TOTAL AVC Capacity Costs												
		\$ 2,767,816	\$ 6,148,762	\$ 6,148,762	\$ 6,148,762	\$ 6,148,762	\$ 6,148,762	\$ 6,148,762	\$ 2,767,816	\$ 2,767,816	\$ 2,767,816	\$ 50,118,521

**Peoples Natural Gas  
1307(f) - 2020**

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Section 53.64 (c)(1):

A detailed description of warranty or penalty provisions, including liquidated damages, take or pay provisions of the purchases, balancing provisions.

\* \* \* \* \*

Examples of such provisions for Peoples Natural 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

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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 Natural Gas makes some purchases under GISB form contracts.

difference between the Contract Quantity and the quantity actually delivered by Seller and received by Buyer for such Day(s).

(or)

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.

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

**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 (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	\$0.2729	\$0.0031	\$0.0144	\$0.0000	-	\$4.1724	-
	(Minimum Rate)	\$0.0000	-	-	-	-	-	\$0.0000	-
	USAGE CHARGE:								
	(Maximum Rate)	\$0.0083	\$0.0058	\$0.0022	\$0.0001	\$0.0006	-	\$0.0170	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
	CAPACITY RELEASE (Vol. Charge):								
	(Maximum Rate)	\$0.1276	\$0.0090	\$0.0001	\$0.0005	\$0.0000	-	\$0.1372	-
FT(SC), FTNN(SC) [2]									
	(Maximum Rate)	\$0.2636	\$0.0237	\$0.0024	\$0.0010	\$0.0006	-	\$0.2913	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
	(Maximum Rate)	\$0.1359	\$0.0029	\$0.0023	\$0.0006	\$0.0006	-	\$0.1423	[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	\$0.2740	\$0.0031	\$0.0151	\$0.0000	-	\$4.1742	-
	(Minimum Rate)	\$0.0000	-	-	-	-	-	\$0.0000	-
	USAGE CHARGE:								
	(Maximum Rate)	\$0.0083	\$0.0046	\$0.0022	(\$0.0014)	\$0.0006	-	\$0.0143	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
	CAPACITY RELEASE (Vol. Charge):								
	(Maximum Rate)	\$0.1276	\$0.0090	\$0.0001	\$0.0005	\$0.0000	-	\$0.1372	-
FT(SC), FTNN(SC) [2]									
	(Maximum Rate)	\$0.2636	\$0.0226	\$0.0024	(\$0.0004)	\$0.0006	-	\$0.2888	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
	(Maximum Rate)	\$0.1359	\$0.0033	\$0.0023	(\$0.0009)	\$0.0006	-	\$0.1412	[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	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	\$0.2740	\$0.0038	\$0.0151	\$0.0006	-	\$4.1755	-
	(Minimum Rate)	\$0.0000	-	-	-	-	-	\$0.0000	-
	USAGE CHARGE:								
	(Maximum Rate)	\$0.0083	\$0.0046	\$0.0023	(\$0.0014)	\$0.0004	-	\$0.0142	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
	CAPACITY RELEASE (Vol. Charge):								
	(Maximum Rate)	\$0.1276	\$0.0090	\$0.0001	\$0.0005	\$0.0000	-	\$0.1372	-
FT(SC), FTNN(SC) [2]									
	(Maximum Rate)	\$0.2636	\$0.0226	\$0.0025	(\$0.0004)	\$0.0004	-	\$0.2887	[7]
	(Minimum Rate)	\$0.0083	-	-	-	-	-	\$0.0083	[7]
IT [2]									
	(Maximum Rate)	\$0.1359	\$0.0033	\$0.0024	(\$0.0009)	\$0.0004	-	\$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	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	-
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 10.31)

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

<u>Rate Schedule</u> (1)	<u>Rate Component</u> (2)	<u>Base Tariff Rate [1]</u> (3)	<u>Current Acct 858 Base</u> (4)	<u>Current EPCA Base</u> (5)	<u>TCRA [5] Surcharge</u> (6)	<u>EPCA [6] Surcharge</u> (7)	<u>Current Rate [7]</u> (8)	<u>FERC ACA</u> (9)
GSS [2], [4]	Storage Demand	\$1.7984	\$0.0668	\$0.0050	(\$0.0032)	\$0.0003	\$1.8673	-
	Storage Capacity	\$0.0145	-	-	-	-	\$0.0145	-
	Injection Charge	\$0.0154	-	\$0.0136	\$0.0000	(\$0.0003)	\$0.0287	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0003)	\$0.0151	[8]
	GSS-TE Surcharge [3]	-	\$0.0046	-	(\$0.0002)	-	\$0.0044	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0011	(\$0.0007)	(\$0.0002)	\$0.6309	[8]
GSS-E [2], [4]	Storage Demand	\$2.2113	\$0.0668	\$0.0050	(\$0.0032)	\$0.0003	\$2.2802	-
	Storage Capacity	\$0.0369	-	-	-	-	\$0.0369	-
	Injection Charge	\$0.0154	-	\$0.0136	\$0.0000	(\$0.0003)	\$0.0287	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0003)	\$0.0151	[8]
	Authorized Overruns	\$1.0657	\$0.0144	\$0.0011	(\$0.0007)	(\$0.0002)	\$1.0803	[8]
ISS [2]	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0001)	\$0.0000	\$0.0759	-
	Injection Charge	\$0.0154	-	\$0.0136	\$0.0000	(\$0.0003)	\$0.0287	-
	Withdrawal Charge	\$0.0154	-	-	\$0.0000	(\$0.0003)	\$0.0151	[8]
	Authorized Overrun/from Cust. Bal	\$0.6163	\$0.0144	\$0.0011	(\$0.0007)	(\$0.0002)	\$0.6309	[8]
	Excess Injection Charge	\$0.2245	-	\$0.0136	\$0.0000	(\$0.0003)	\$0.2378	-

- [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 \$0.6158. Daily Capacity Release Rate for GSS-E per Dt is \$1.0652.  
[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 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	\$0.0668	\$0.0072	(\$0.0032)	\$0.0022	\$1.8714	-
	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]	-	\$0.0046	-	(\$0.0002)	-	\$0.0044	-
	From Customers Balance	\$0.6163	\$0.0144	\$0.0015	(\$0.0007)	(\$0.0009)	\$0.6306	[8]
GSS-E [2], [4]	Storage Demand	\$2.2113	\$0.0668	\$0.0072	(\$0.0032)	\$0.0022	\$2.2843	-
	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	(\$0.0007)	(\$0.0009)	\$1.0800	[8]
ISS [2]	ISS Capacity	\$0.0736	\$0.0022	\$0.0002	(\$0.0001)	\$0.0001	\$0.0760	-
	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	(\$0.0007)	(\$0.0009)	\$0.6306	[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 \$0.6166. 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 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 10.71)

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

Incremental Facility Surcharges

<u>Rate</u> <u>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)	\$0.1692
	USAGE (Electric)	(\$0.0136)
	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>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%

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) 1/	\$ 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
<b>Mainline System 3/ 4/</b>			
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
<b>Sunrise Transmission System</b>			
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
<b>Allegheny Valley Connector</b>			
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
<b>Mainline System</b>	\$ 0.0094	\$ 0.0094	\$ 0.0094
<b>Sunrise Transmission System</b>	\$ 0.0000	\$ 0.0000	\$ 0.0000
<b>Allegheny Valley Connector</b>	\$ 0.0094	\$ 0.0094	\$ 0.0000

**RATE SCHEDULE STS-1**

RATE ZONE  
Mainline System

STS-1 USAGE CHARGE 1/	
MAXIMUM 3/	MINIMUM
\$ 0.1466	\$ 0.0094

**RATE SCHEDULE FTSS**

RATE ZONE  
Allegheny Valley Connector

FTSS USAGE CHARGE 1/	
MAXIMUM	MINIMUM
\$ 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

BASE (APRIL 1 – OCTOBER 31) MAXIMUM AUTHORIZED OVERRUN 1/

Service Provided on	Mainline System 3/ 4/	Delivered To Sunrise Transmission System	Allegheny Valley Connector
<b>Mainline System 3/ 4/</b>			
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
<b>Sunrise Transmission System</b>			
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
<b>Allegheny Valley Connector</b>			
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

BASE (APRIL 1 – OCTOBER 31) MINIMUM AUTHORIZED OVERRUN 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	\$ 0.0000	\$ 0.0000

**RATE SCHEDULE STS-1**

RATE ZONE  
Mainline System

STS-1 AUTHORIZED OVERRUN 1/  
MAXIMUM 3/ MINIMUM  
\$ 0.3018 \$ 0.0000

**RATE SCHEDULE FTSS**

RATE ZONE  
Allegheny Valley Connector

FTSS AUTHORIZED OVERRUN 1/  
MAXIMUM MINIMUM  
\$ 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) 1/	\$ 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
<b><u>RATE SCHEDULE 115SS and 60SS:</u></b>		
<b>MAINLINE SYSTEM</b>		
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
<b><u>RATE SCHEDULE GSS:</u></b>		
<b>ALLEGHENY VALLEY CONNECTOR</b>		
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
<b><u>RATE SCHEDULE INSS:</u></b>		
<b>MAINLINE SYSTEM</b>		
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
<b>ALLEGHENY VALLEY CONNECTOR</b>		
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
<b><u>RATE SCHEDULE SS-3:</u></b>		
<b>MAINLINE SYSTEM</b>		
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

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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/	2.50%
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/	2.35%

- 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. Allegheny Valley Connector Transmission Retainage Factor is subject to True-up as set forth in Section 6.31.
- 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.

**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.

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**Equitrans, L.P.**  
**FERC Gas Tariff**  
**Original Volume No. 1A**

Section 5.  
**STATEMENT OF RATES**  
**Formula-Based Negotiated Rates**  
**Version 20.0.0**

### FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	<b>Monthly Reservation Rate</b>	<b>Usage Rate</b>	<b>Authorized Overrun Rate</b>		
Peoples Natural Gas Company, LLC	EQTR17414-773	FTS	03/01/2018		
	\$10.1534 per MDQ	\$0.0000 per Dth delivered	\$0.3338 per Dth delivered		
Peoples Natural Gas Company, LLC	EQTR17415-774	FTSS	03/01/2018		
	\$10.1534 per MDQ	\$0.0000 per Dth delivered	\$0.3338 per Dth delivered		
Customer	Contract Number	Rate Schedule	Effective Date		
	<b>Monthly Demand Reservation Rate</b>	<b>Monthly Storage Space Reservation Rate</b>	<b>Injection Charge</b>	<b>Withdrawal Charge</b>	<b>Storage Authorized Overrun Charge</b>
Peoples Natural Gas Company, LLC	EQTR17416-775	GSS	03/01/2018		
	\$3.5884 per MDWQ	\$0.0835 per TASQ	\$0.0000 per Dth	\$0.0000 per Dth	\$1.0014 per Dth
Customer	Contract Number	Estimated Retainage Rate	Effective Date		
Cross Timbers Energy Services, Inc.	EQTR17981-695	0.39%	4/1/2017		
Dominion Energy Field Services, Inc	EQTR10412-522	0.39%	4/1/2017		
EQT Energy, LLC	EQTR20242-852	0.39%	4/1/2017		
Jerry Poling	EQTR10404-515	0.39%	4/1/2017		
Kimco A Partnership	EQTR10342-514	0.39%	4/1/2017		
Mountain V Oil & Gas	EQTR10400-517	0.39%	4/1/2017		
Northeast Natural Energy, LLC	EQTR12105-604	0.39%	4/1/2017		
Arsenal Resources Energy LLC	CW2239335-510	0.39%	10/1/2017		
Arsenal Resources Energy LLC	CW2239579-700	0.39%	10/1/2017		
Rice Drilling B LLC	EQTR18237-785	0.39%	4/1/2017		
Term Energy	EQTR10340-512	0.39%	4/1/2017		
K Petroleum	EQTR25533-1317	0.39%	4/1/2017		
Range Resources Appalachia LLC	EQTR25020-1240	0.39%	4/1/2017		

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**Equitrans, L.P.**  
**FERC Gas Tariff**  
**Original Volume No. 1A**

Section 5.  
**STATEMENT OF RATES**  
 Formula-Based Negotiated Rates  
 Version 21.0.0

### FORMULA-BASED NEGOTIATED RATES

Customer	Contract Number	Rate Schedule	Effective Date		
	<b>Monthly Reservation Rate</b>	<b>Usage Rate</b>	<b>Authorized Overrun Rate</b>		
Peoples Natural Gas Company, LLC	EQTR17414-773	FTS	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		
Customer	Contract Number	Rate Schedule	Effective Date		
	<b>Monthly Demand Reservation Rate</b>	<b>Monthly Storage Space Reservation Rate</b>	<b>Injection Charge</b>	<b>Withdrawal Charge</b>	<b>Storage Authorized Overrun Charge</b>
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		
Cross Timbers Energy Services, Inc.	EQTR17981-695	0.39%	4/1/2017		
Dominion Energy Field Services, Inc	EQTR10412-522	0.39%	4/1/2017		
EQT Energy, LLC	EQTR20242-852	0.39%	4/1/2017		
Jerry Poling	EQTR10404-515	0.39%	4/1/2017		
Kimco A Partnership	EQTR10342-514	0.39%	4/1/2017		
Mountain V Oil & Gas	EQTR10400-517	0.39%	4/1/2017		
Northeast Natural Energy, LLC	EQTR12105-604	0.39%	4/1/2017		
Arsenal Resources Energy LLC	CW2239335-510	0.39%	10/1/2017		
Arsenal Resources Energy LLC	CW2239579-700	0.39%	10/1/2017		
Rice Drilling B LLC	EQTR18237-785	0.39%	4/1/2017		
Term Energy	EQTR10340-512	0.39%	4/1/2017		
K Petroleum	EQTR25533-1317	0.39%	4/1/2017		
Range Resources Appalachia LLC	EQTR25020-1240	0.39%	4/1/2017		

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Effective On: March 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	EQTR17414-773	FTS	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		
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		
XTO Energy Inc.	EQTR17981-695	0.42%	4/1/2019		
Jerry Poling	EQTR10404-515	0.42%	4/1/2019		
Kimco A Partnership	EQTR10342-514	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		
Term Energy	EQTR10340-512	0.42%	4/1/2019		
K Petroleum	EQTR25533-1317	0.42%	4/1/2019		

**RATES FOR TRANSPORTATION SERVICES**

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)		Base Rate (3)	TSCA (4)	TSCA Surch. (5)	Current Rate <sup>2/</sup> (6)
<b>FT/FT-S</b>						
	Reservation	(Max)	\$3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Maximum Volumetric Rate		0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
<b>EFT</b>						
	Reservation	(Max)	3.8067	0.0000	0.0000	\$3.8067 <sup>4/</sup>
		(Min)	0.0000	0.0000	0.0000	\$0.0000
	Commodity	(Max)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
		(Min)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1452	-	-	\$0.1452 plus ACA <sup>3/</sup>
		(Min)	0.0148	-	-	\$0.0148 plus ACA <sup>3/</sup>
	Maximum Volumetric Rate		0.1452	0.0000	0.0000	\$0.1452 plus ACA <sup>3/</sup>
<b>FST</b>						
	Reservation	(Max)	3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Maximum Volumetric Rate		0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
<b>IT</b>						
	Commodity	(Max)	\$0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>

The NA15 Retention is 1.25% applicable to use of the Northern Access 2015 Lease. <sup>2/ 3/</sup>

1/ The unit of measure for each rate component is Dth unless otherwise indicated.

2/ All rates exclusive of Transportation Fuel and Company Use Retention and Transportation LAUF Retention. The Transportation Fuel and Company Use Retention for all applicable rate schedules is 0.79% and the Transportation LAUF Retention for all applicable rate schedules is 0.00%. Transporter may from time to time identify point pair transactions where the Transportation Fuel and Company Use Retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the applicable Transportation LAUF Retention.

3/ Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.

4/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0434 shall be added as a Transmission PS/GHG Surcharge, in addition to the specified rate.

RATES FOR TRANSPORTATION SERVICES

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)		Base Rate (3)	TSCA (4)	TSCA Surch. (5)	Current Rate <sup>2/</sup> (6)
<b>FT/FT-S</b>						
	Reservation	(Max)	\$3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
<b>EFT</b>						
	Reservation	(Max)	3.8067	0.0000	0.0000	\$3.8067 <sup>4/</sup>
		(Min)	0.0000	0.0000	0.0000	\$0.0000
	Commodity	(Max)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
		(Min)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1452	-	-	\$0.1452 plus ACA <sup>3/</sup>
		(Min)	0.0148	-	-	\$0.0148 plus ACA <sup>3/</sup>
<b>FST</b>						
	Reservation	(Max)	3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
<b>IT</b>						
	Commodity	(Max)	\$0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>

The NA15 Retention is 1.25% applicable to use of the Northern Access 2015 Lease. <sup>2/ 3/</sup>

<sup>1/</sup> The unit of measure for each rate component is Dth unless otherwise indicated.

<sup>2/</sup> All rates exclusive of Transportation Fuel and Company Use Retention and Transportation LAUF Retention. The Transportation Fuel and Company Use Retention for all applicable rate schedules is 0.79% and the Transportation LAUF Retention for all applicable rate schedules is 0.00%. Transporter may from time to time identify point pair transactions where the Transportation Fuel and Company Use Retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the applicable Transportation LAUF Retention.

<sup>3/</sup> Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.

<sup>4/</sup> Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0434 shall be added as a Transmission PS/GHG Surcharge, in addition to the specified rate.



RATES FOR TRANSPORTATION SERVICES

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)		Base Rate (3)	TSCA (4)	TSCA Surch. (5)	Current Rate <sup>2/</sup> (6)
FT/FT-S						
	Reservation	(Max)	\$3.6293	-	-	\$3.6293 <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
EFT						
	Reservation	(Max)	3.8067	0.0000	0.0000	\$3.8067 <sup>4/</sup>
		(Min)	0.0000	0.0000	0.0000	\$0.0000
	Commodity	(Max)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
		(Min)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1452	-	-	\$0.1452 plus ACA <sup>3/</sup>
		(Min)	0.0148	-	-	\$0.0148 plus ACA <sup>3/</sup>
FST						
	Reservation	(Max)	3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
IT						
	Commodity	(Max)	\$0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>

The NA15 Retention is 1.15% applicable to use of the Northern Access 2015 Lease. <sup>2/ 3/</sup>

<sup>1/</sup> The unit of measure for each rate component is Dth unless otherwise indicated.

<sup>2/</sup> All rates exclusive of Transportation Fuel and Company Use Retention and Transportation LAUF Retention. The Transportation Fuel and Company Use Retention for all applicable rate schedules is 0.99% and the Transportation LAUF Retention for all applicable rate schedules is 0.43%. Transporter may from time to time identify point pair transactions where the Transportation Fuel and Company Use Retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the applicable Transportation LAUF Retention.

<sup>3/</sup> Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.

<sup>4/</sup> Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0434 shall be added as a Transmission PS/GHG Surcharge, in addition to the specified rate.

National Fuel Gas Supply Corporation  
FERC Gas Tariff  
Fifth Revised Volume No. 1

Part 4 - Applicable Rates  
§ 4.010 - Transportation Rates  
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**RATES FOR TRANSPORTATION SERVICES**

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)		Base Rate (3)	TSCA (4)	TSCA Surch. (5)	Current Rate <sup>2/</sup> (6)
<b>FT/FT-S</b>						
	Reservation	(Max)	\$3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
<b>EFT</b>						
	Reservation	(Max)	3.8067	0.0000	0.0000	\$3.8067 <sup>4/</sup>
		(Min)	0.0000	0.0000	0.0000	\$0.0000
	Commodity	(Max)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
		(Min)	0.0148	0.0000	0.0000	\$0.0148 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1452	-	-	\$0.1452 plus ACA <sup>3/</sup>
		(Min)	0.0148	-	-	\$0.0148 plus ACA <sup>3/</sup>
<b>FST</b>						
	Reservation	(Max)	3.6293	-	-	\$3.6293 <sup>4/</sup>
		(Min)	0.0000	-	-	\$0.0000
	Commodity	(Max)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0135	-	-	\$0.0135 plus ACA <sup>3/</sup>
<b>IT</b>						
	Commodity	(Max)	\$0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>
	Overrun	(Max)	0.1378	-	-	\$0.1378 plus ACA <sup>3/</sup>
		(Min)	0.0000	-	-	\$0.0000 plus ACA <sup>3/</sup>

The NA15 Retention is 1.15% applicable to use of the Northern Access 2015 Lease. <sup>2/ 3/</sup>

<sup>1/</sup> The unit of measure for each rate component is Dth unless otherwise indicated.

<sup>2/</sup> All rates exclusive of Transportation Fuel and Company Use Retention and Transportation LAUF Retention. The Transportation Fuel and Company Use Retention for all applicable rate schedules is 0.99% and the Transportation LAUF Retention for all applicable rate schedules is 0.43%. Transporter may from time to time identify point pair transactions where the Transportation Fuel and Company Use Retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the applicable Transportation LAUF Retention.

<sup>3/</sup> Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.

<sup>4/</sup> Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0943 shall be added as a Transmission PS/GHG Surcharge, in addition to the specified rate.

Effective On: November 1, 2019

# RATES FOR PART 284 STORAGE SERVICES

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)	Rate <sup>2/</sup> (3)
ESS	Demand	(Max) \$2.4921 <sup>1/</sup>
		(Min) \$0.0000
	Capacity	(Max) \$0.0388 <sup>8/</sup>
		(Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0411plus ACA <sup>3/</sup>
		(Min) \$0.0000
	Max. Volumetric Dem. Rate <sup>4/</sup>	\$0.0853plus ACA <sup>3/</sup>
	Max. Volumetric Cap. Rate <sup>5/</sup>	\$0.0013
ISS	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600
		(Min) <sup>6/</sup> \$0.0000
	Injection	(Max) \$0.9923plus ACA <sup>3/</sup>
		(Min) \$0.0000
FSS	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600
		(Min) <sup>6/</sup> \$0.0000
	Demand	(Max) \$2.3833 <sup>7/</sup>
		(Min) \$0.0000
	Capacity	(Max) \$0.0366 <sup>8/</sup>
		(Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0391plus ACA <sup>3/</sup>
		(Min) \$0.0000
	Max. Volumetric Dem. Rate <sup>4/</sup>	\$0.0816plus ACA <sup>3/</sup>
	Max. Volumetric Cap. Rate <sup>5/</sup>	\$0.0013
	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600
		(Min) <sup>6/</sup> \$0.0000

- 1/ The unit of measure for each rate component is Dth unless otherwise indicated.
- 2/ All rates exclusive of Storage Operating and LAUF Retention, where applicable. The Storage Operating and LAUF Retention for all applicable rate schedules is 0.89%.
- 3/ Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.
- 4/ Assessed per dekatherm injected/withdrawn. Exclusive of Injection/Withdrawal charge.
- 5/ Assessed per dekatherm per day on storage balance.
- 6/ Rate per nomination.
- 7/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.1140 shall be added as a Storage PS/GHG Demand/Deliverability Surcharge, in addition to the specified rate.
- 8/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0016 shall be added as a Storage PS/GHG Capacity Surcharge, in addition to the specified rate.

# RATES FOR PART 284 STORAGE SERVICES

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)	Rate <sup>2/</sup> (3)
ESS	Demand	(Max) \$2.4921 <sup>5/</sup> (Min) \$0.0000
	Capacity	(Max) \$0.0388 <sup>6/</sup> (Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0411 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600 (Min) <sup>6/</sup> \$0.0000
ISS	Injection	(Max) \$0.9923 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600 (Min) <sup>4/</sup> \$0.0000
FSS	Demand	(Max) \$2.3833 <sup>3/</sup> (Min) \$0.0000
	Capacity	(Max) \$0.0366 <sup>6/</sup> (Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0391 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600 (Min) <sup>4/</sup> \$0.0000

- 1/ The unit of measure for each rate component is Dth unless otherwise indicated.
- 2/ All rates exclusive of Storage Operating and LAUF Retention, where applicable. The Storage Operating and LAUF Retention for all applicable rate schedules is 0.89%.
- 3/ Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.
- 4/ Rate per nomination.
- 5/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.1140 shall be added as a Storage PS/GHG Demand/Deliverability Surcharge, in addition to the specified rate.
- 6/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0016 shall be added as a Storage PS/GHG Capacity Surcharge, in addition to the specified rate.

**RATES FOR PART 284 STORAGE SERVICES**

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)	Rate <sup>2/</sup> (3)
ESS	Demand	(Max) \$2.4921 <sup>3/</sup> (Min) \$0.0000
	Capacity	(Max) \$0.0388 <sup>5/</sup> (Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0411 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600 (Min) <sup>6/</sup> \$0.0000
ISS	Injection	(Max) \$0.9923 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600 (Min) <sup>4/</sup> \$0.0000
FSS	Demand	(Max) \$2.3833 <sup>3/</sup> (Min) \$0.0000
	Capacity	(Max) \$0.0366 <sup>5/</sup> (Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0391 plus ACA <sup>3/</sup> (Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600 (Min) <sup>4/</sup> \$0.0000

- <sup>1/</sup> The unit of measure for each rate component is Dth unless otherwise indicated.
- <sup>2/</sup> All rates exclusive of Storage Operating and LAUF Retention, where applicable. The Storage Operating and LAUF Retention for all applicable rate schedules is 0.61%.
- <sup>3/</sup> Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.
- <sup>4/</sup> Rate per nomination.
- <sup>5/</sup> Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.1140 shall be added as a Storage PS/GHG Demand/Deliverability Surcharge, in addition to the specified rate.
- <sup>6/</sup> Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0016 shall be added as a Storage PS/GHG Capacity Surcharge, in addition to the specified rate.

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 FERC Gas Tariff  
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 § 4.020 - Part 284 Storage Rates  
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### RATES FOR PART 284 STORAGE SERVICES

Rate Sch. (1)	Rate Component <sup>1/</sup> (2)	Rate <sup>2/</sup> (3)
ESS	Demand	(Max) \$2.4921 <sup>5/</sup>
		(Min) \$0.0000
	Capacity	(Max) \$0.0388 <sup>6/</sup>
		(Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0411 plus ACA <sup>3/</sup>
		(Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>6/</sup> \$3.8600
		(Min) <sup>6/</sup> \$0.0000
ISS	Injection	(Max) \$0.9923 plus ACA <sup>3/</sup>
		(Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600
		(Min) <sup>4/</sup> \$0.0000
FSS	Demand	(Max) \$2.3833 <sup>5/</sup>
		(Min) \$0.0000
	Capacity	(Max) \$0.0366 <sup>6/</sup>
		(Min) \$0.0000
	Injection/ Withdrawal	(Max) \$0.0391 plus ACA <sup>3/</sup>
		(Min) \$0.0000
	Storage Balance Transfer	(Max) <sup>4/</sup> \$3.8600
		(Min) <sup>4/</sup> \$0.0000

- 1/ The unit of measure for each rate component is Dth unless otherwise indicated.
- 2/ All rates exclusive of Storage Operating and LAUF Retention, where applicable. The Storage Operating and LAUF Retention for all applicable rate schedules is 0.61%.
- 3/ Pursuant to Section 19 of the General Terms and Conditions, the ACA unit charge, as revised annually and posted on the Commission's website, will be charged in addition to the specified rate.
- 4/ Rate per nomination.
- 5/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0757 shall be added as a Storage PS/GHG Demand/Deliverability Surcharge, in addition to the specified rate.
- 6/ Pursuant to Section 42 of the General Terms and Conditions, per Dth charge of \$0.0011 shall be added as a Storage PS/GHG Capacity Surcharge, in addition to the specified rate.

Effective On: November 1, 2019

Texas Eastern Transmission, LP  
 FERC Gas Tariff  
 Eighth Revised Volume No. 1

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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* \$/dth		FT-1 RESERVATION CHARGE ADJUSTMENT \$/dth	
	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
STX-AAB	6.5820	0.0000	0.2164	0.0000
WLA-AAB	2.6030	0.0000	0.0856	0.0000
ELA-AAB	2.1520	0.0000	0.0708	0.0000
ETX-AAB	1.9660	0.0000	0.0646	0.0000
STX-STX	5.5170	0.0000	0.1814	0.0000
STX-WLA	5.6750	0.0000	0.1865	0.0000
STX-ELA	6.5910	0.0000	0.2167	0.0000
STX-ETX	6.5910	0.0000	0.2167	0.0000
WLA-WLA	1.8410	0.0000	0.0605	0.0000
WLA-ELA	2.6120	0.0000	0.0859	0.0000
WLA-ETX	2.6120	0.0000	0.0859	0.0000
ELA-ELA	2.1610	0.0000	0.0711	0.0000
ETX-ETX	1.9750	0.0000	0.0649	0.0000
ETX-ELA	2.1610	0.0000	0.0711	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	4.2280	0.0000	0.1390	0.0000
M1-M2	7.9130	0.0000	0.2602	0.0000
M1-M3	10.4270	0.0000	0.3428	0.0000
M2-M2	6.1230	0.0000	0.2013	0.0000
M2-M3	8.7750	0.0000	0.2885	0.0000
M3-M3	4.9530	0.0000	0.1628	0.0000

\* Reservation Charge reflects a storage surcharge of: 0.0970



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CURRENTLY EFFECTIVE SERVICE RATES APPLICABLE TO OPEN ACCESS, PART 384, RATE  
SCHEDULES IN FERC GAS TARIFF, EIGHTH REVISED VOLUME NO. 1

FT-1  
USAGE  
CHARGES

ZONE RATE  
\$/dth

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

	STX	WLA	EJA	ETX	M1	M2	M3
USAGE-1 - MAXIMUM							
from STX	0.0108	0.0117	0.0162	0.0162	0.0385	0.0729	0.0970
from WLA	0.0117	0.0074	0.0122	0.0122	0.0345	0.0689	0.0930
from ELA	0.0162	0.0122	0.0107	0.0107	0.0330	0.0674	0.0915
from ETX	0.0162	0.0122	0.0107	0.0107	0.0330	0.0674	0.0915
from M1	0.0385	0.0345	0.0330	0.0330	0.0223	0.0567	0.0808
from M2	0.0729	0.0689	0.0674	0.0674	0.0567	0.0400	0.0637
from M3	0.0970	0.0930	0.0915	0.0915	0.0808	0.0637	0.0290
USAGE-1 - MINIMUM							
from STX	0.0066	0.0075	0.0119	0.0119	0.0300	0.0644	0.0885
from WLA	0.0075	0.0032	0.0079	0.0079	0.0260	0.0604	0.0845
from ELA	0.0119	0.0079	0.0064	0.0064	0.0245	0.0589	0.0830
from ETX	0.0119	0.0079	0.0064	0.0064	0.0245	0.0589	0.0830
from M1	0.0300	0.0260	0.0245	0.0245	0.0181	0.0525	0.0766
from M2	0.0644	0.0604	0.0589	0.0589	0.0525	0.0358	0.0595
from M3	0.0885	0.0845	0.0830	0.0830	0.0766	0.0595	0.0248
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0088						
from WLA		0.0059					
from ELA			0.0087				
from ETX				0.0087			
from M1				0.0311	0.0204		
from M2				0.0643	0.0536	0.0375	
from M3						0.0603	0.0269
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0046						
from WLA		0.0017					
from ELA			0.0044				
from ETX				0.0044			
from M1				0.0226	0.0162		
from M2				0.0558	0.0494	0.0333	
from M3						0.0561	0.0227
USAGE-2	0.1144	0.1144	0.1144	0.1144	0.2757	0.4313	0.5380

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



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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	6.5820	0.0000	0.2164	0.0000
WLA-AAB	2.6030	0.0000	0.0856	0.0000
ELA-AAB	2.1520	0.0000	0.0708	0.0000
ETX-AAB	1.9660	0.0000	0.0646	0.0000
STX-STX	5.5180	0.0000	0.1814	0.0000
STX-WLA	5.6760	0.0000	0.1866	0.0000
STX-ELA	6.5900	0.0000	0.2167	0.0000
STX-ETX	6.5910	0.0000	0.2167	0.0000
WLA-WLA	1.8410	0.0000	0.0605	0.0000
WLA-ELA	2.6120	0.0000	0.0859	0.0000
WLA-ETX	2.6120	0.0000	0.0859	0.0000
ELA-ELA	2.1610	0.0000	0.0711	0.0000
ETX-ETX	1.9750	0.0000	0.0649	0.0000
ETX-ELA	2.1610	0.0000	0.0711	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	4.2600	0.0000	0.1401	0.0000
M1-M2	8.0100	0.0000	0.2633	0.0000
M1-M3	10.5700	0.0000	0.3475	0.0000
M2-M2	6.1880	0.0000	0.2034	0.0000
M2-M3	8.8850	0.0000	0.2921	0.0000
M3-M3	4.9980	0.0000	0.1643	0.0000

\* Reservation Charge reflects a storage surcharge of: 0.0970

Texas Eastern Transmission, LP  
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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						
Pursuant to Sections 3.2(A) and 3.3(A) of Rate Schedule FT-1:							
USAGE-1 - MAXIMUM	STX	WLA	ELA	ETX	M1	M2	M3
from STX	0.0108	0.0117	0.0162	0.0162	0.0415	0.0821	0.1103
from WLA	0.0117	0.0074	0.0122	0.0122	0.0375	0.0781	0.1063
from ELA	0.0162	0.0122	0.0107	0.0107	0.0360	0.0766	0.1048
from ETX	0.0162	0.0122	0.0107	0.0107	0.0360	0.0766	0.1048
from M1	0.0415	0.0375	0.0360	0.0360	0.0253	0.0659	0.0941
from M2	0.0821	0.0781	0.0766	0.0766	0.0659	0.0462	0.0741
from M3	0.1103	0.1063	0.1048	0.1048	0.0941	0.0741	0.0333
USAGE-1 - MINIMUM							
from STX	0.0066	0.0075	0.0119	0.0119	0.0330	0.0736	0.1018
from WLA	0.0075	0.0032	0.0079	0.0079	0.0290	0.0696	0.0978
from ELA	0.0119	0.0079	0.0064	0.0064	0.0275	0.0681	0.0963
from ETX	0.0119	0.0079	0.0064	0.0064	0.0275	0.0681	0.0963
from M1	0.0330	0.0290	0.0275	0.0275	0.0211	0.0617	0.0899
from M2	0.0736	0.0696	0.0681	0.0681	0.0617	0.0420	0.0699
from M3	0.1018	0.0978	0.0963	0.0963	0.0899	0.0699	0.0291
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0088						
from WLA		0.0059					
from ELA			0.0087				
from ETX				0.0087			
from M1				0.0341	0.0234		
from M2				0.0735	0.0628	0.0437	
from M3						0.0707	0.0312
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0046						
from WLA		0.0017					
from ELA			0.0044				
from ETX				0.0044			
from M1				0.0256	0.0192		
from M2				0.0650	0.0586	0.0395	
from M3						0.0665	0.0270
USAGE-2	0.1144	0.1144	0.1144	0.1144	0.2798	0.4436	0.5560

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	6.5820	0.0000	0.2164	0.0000
WLA-AAB	2.6030	0.0000	0.0856	0.0000
ELA-AAB	2.1520	0.0000	0.0708	0.0000
ETX-AAB	1.9660	0.0000	0.0646	0.0000
STX-STX	5.5170	0.0000	0.1814	0.0000
STX-WLA	5.6750	0.0000	0.1865	0.0000
STX-ELA	6.5910	0.0000	0.2167	0.0000
STX-ETX	6.5910	0.0000	0.2167	0.0000
WLA-WLA	1.8410	0.0000	0.0605	0.0000
WLA-ELA	2.6120	0.0000	0.0859	0.0000
WLA-ETX	2.6120	0.0000	0.0859	0.0000
ELA-ELA	2.1610	0.0000	0.0711	0.0000
ETX-ETX	1.9750	0.0000	0.0649	0.0000
ETX-ELA	2.1610	0.0000	0.0711	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	4.2280	0.0000	0.1390	0.0000
M1-M2	7.9130	0.0000	0.2602	0.0000
M1-M3	10.4270	0.0000	0.3428	0.0000
M2-M2	6.1230	0.0000	0.2013	0.0000
M2-M3	8.7750	0.0000	0.2885	0.0000
M3-M3	4.9530	0.0000	0.1628	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						
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	0.0108	0.0117	0.0162	0.0162	0.0385	0.0729	0.0970
from WLA	0.0117	0.0074	0.0122	0.0122	0.0345	0.0689	0.0930
from ELA	0.0162	0.0122	0.0107	0.0107	0.0330	0.0674	0.0915
from ETX	0.0162	0.0122	0.0107	0.0107	0.0330	0.0674	0.0915
from M1	0.0385	0.0345	0.0330	0.0330	0.0223	0.0567	0.0808
from M2	0.0729	0.0689	0.0674	0.0674	0.0567	0.0400	0.0637
from M3	0.0970	0.0930	0.0915	0.0915	0.0808	0.0637	0.0290
USAGE-1 - MINIMUM							
from STX	0.0066	0.0075	0.0119	0.0119	0.0300	0.0644	0.0885
from WLA	0.0075	0.0032	0.0079	0.0079	0.0260	0.0604	0.0845
from ELA	0.0119	0.0079	0.0064	0.0064	0.0245	0.0589	0.0830
from ETX	0.0119	0.0079	0.0064	0.0064	0.0245	0.0589	0.0830
from M1	0.0300	0.0260	0.0245	0.0245	0.0181	0.0525	0.0766
from M2	0.0644	0.0604	0.0589	0.0589	0.0525	0.0358	0.0595
from M3	0.0885	0.0845	0.0830	0.0830	0.0766	0.0595	0.0248
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0088						
from WLA		0.0059					
from ELA			0.0087				
from ETX				0.0087			
from M1				0.0311	0.0204		
from M2				0.0643	0.0536	0.0375	
from M3						0.0603	0.0269
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0046						
from WLA		0.0017					
from ELA			0.0044				
from ETX				0.0044			
from M1				0.0226	0.0162		
from M2				0.0558	0.0494	0.0333	
from M3						0.0561	0.0227
USAGE-2	0.1144	0.1144	0.1144	0.1144	0.2757	0.4313	0.5380

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	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	5.7620	0.0000	0.1894	0.0000
STX-WLA	7.1870	0.0000	0.2362	0.0000
STX-ELA	8.3340	0.0000	0.2740	0.0000
STX-ETX	8.3350	0.0000	0.2740	0.0000
WLA-WLA	3.2450	0.0000	0.1067	0.0000
WLA-ELA	4.3930	0.0000	0.1444	0.0000
WLA-ETX	4.3930	0.0000	0.1444	0.0000
ELA-ELA	2.9690	0.0000	0.0976	0.0000
ETX-ETX	3.0680	0.0000	0.1009	0.0000
ETX-ELA	2.9690	0.0000	0.0976	0.0000
MARKET AREA	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
M1-M1	3.7900	0.0000	0.1246	0.0000
M1-M2	8.5030	0.0000	0.2796	0.0000
M1-M3	15.2880	0.0000	0.5026	0.0000
M2-M2	6.5460	0.0000	0.2152	0.0000
M2-M3	13.3180	0.0000	0.4379	0.0000
M3-M3	8.6050	0.0000	0.2829	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						
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	0.0072	0.0080	0.0118	0.0118	0.0261	0.0533	0.0892
from WLA	0.0080	0.0042	0.0083	0.0083	0.0226	0.0498	0.0857
from ELA	0.0118	0.0083	0.0070	0.0070	0.0213	0.0485	0.0844
from ETX	0.0118	0.0083	0.0070	0.0070	0.0213	0.0485	0.0844
from M1	0.0261	0.0226	0.0213	0.0213	0.0143	0.0415	0.0774
from M2	0.0533	0.0498	0.0485	0.0485	0.0415	0.0299	0.0654
from M3	0.0892	0.0857	0.0844	0.0844	0.0774	0.0654	0.0379
USAGE-1 - MINIMUM							
from STX	0.0059	0.0067	0.0105	0.0105	0.0235	0.0508	0.0866
from WLA	0.0067	0.0030	0.0071	0.0071	0.0201	0.0474	0.0832
from ELA	0.0105	0.0071	0.0058	0.0058	0.0188	0.0461	0.0819
from ETX	0.0105	0.0071	0.0058	0.0058	0.0188	0.0461	0.0819
from M1	0.0235	0.0201	0.0188	0.0188	0.0130	0.0403	0.0761
from M2	0.0508	0.0474	0.0461	0.0461	0.0403	0.0286	0.0641
from M3	0.0866	0.0832	0.0819	0.0819	0.0761	0.0641	0.0367
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0052						
from WLA		0.0027					
from ELA			0.0050				
from ETX				0.0050			
from M1				0.0194	0.0124		
from M2				0.0455	0.0384	0.0274	
from M3						0.0620	0.0358
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0039						
from WLA		0.0015					
from ELA			0.0038				
from ETX				0.0038			
from M1				0.0169	0.0111		
from M2				0.0430	0.0372	0.0261	
from M3						0.0607	0.0346
USAGE-2	0.1884	0.1884	0.1884	0.1884	0.3273	0.5095	0.7684

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

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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	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



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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

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	0.0072	0.0080	0.0118	0.0118	0.0261	0.0533	0.0892
from WLA	0.0080	0.0042	0.0083	0.0083	0.0226	0.0498	0.0857
from ELA	0.0118	0.0083	0.0070	0.0070	0.0213	0.0485	0.0844
from ETX	0.0118	0.0083	0.0070	0.0070	0.0213	0.0485	0.0844
from M1	0.0261	0.0226	0.0213	0.0213	0.0143	0.0415	0.0774
from M2	0.0533	0.0498	0.0485	0.0485	0.0415	0.0299	0.0654
from M3	0.0892	0.0857	0.0844	0.0844	0.0774	0.0654	0.0379
USAGE-1 - MINIMUM							
from STX	0.0059	0.0067	0.0105	0.0105	0.0235	0.0508	0.0866
from WLA	0.0067	0.0030	0.0071	0.0071	0.0201	0.0474	0.0832
from ELA	0.0105	0.0071	0.0058	0.0058	0.0188	0.0461	0.0819
from ETX	0.0105	0.0071	0.0058	0.0058	0.0188	0.0461	0.0819
from M1	0.0235	0.0201	0.0188	0.0188	0.0130	0.0403	0.0761
from M2	0.0508	0.0474	0.0461	0.0461	0.0403	0.0286	0.0641
from M3	0.0866	0.0832	0.0819	0.0819	0.0761	0.0641	0.0367
USAGE-1 - BACKHAUL MAXIMUM							
from STX	0.0052						
from WLA		0.0027					
from ELA			0.0050				
from ETX				0.0050			
from M1				0.0194	0.0124		
from M2				0.0455	0.0384	0.0274	
from M3						0.0620	0.0358
USAGE-1 - BACKHAUL MINIMUM							
from STX	0.0039						
from WLA		0.0015					
from ELA			0.0038				
from ETX				0.0038			
from M1				0.0169	0.0111		
from M2				0.0430	0.0372	0.0261	
from M3						0.0607	0.0346
USAGE-2	0.1884	0.1884	0.1884	0.1884	0.3277	0.5101	0.7696

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



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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	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

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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						
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	0.0358
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	0.0346
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.

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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 (%)
	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	-0.29	-0.37	-0.83	-0.83	-0.78	-1.36	-1.78
Applicable	from WLA	0.38	0.08	-0.33	-0.33	-0.28	-0.86	-1.28
Shrinkage	from ELA	0.24	0.00	0.01	0.01	0.06	-0.52	-0.94
Adjustment	from ETX	0.20	0.00	0.01	0.01	0.06	-0.52	-0.94
Percentage	from M1	-0.78	-0.28	0.06	0.06	0.05	-0.53	-0.95
	from M2	-1.36	-0.86	-0.52	-0.52	-0.53	-0.25	-0.65
	from M3	-1.78	-1.28	-0.94	-0.94	-0.95	-0.65	-0.06
	from STX	0.80	0.88	1.29	1.29	2.30	3.34	4.03
Applicable	from WLA	0.88	0.58	1.05	1.05	2.06	3.10	3.79
Shrinkage	from ELA	1.29	1.05	1.06	1.06	2.07	3.11	3.80
Percentage	from ETX	1.29	1.05	1.06	1.06	2.07	3.11	3.80
	from M1	2.30	2.06	2.07	2.07	1.01	2.05	2.74
	from M2	3.34	3.10	3.11	3.11	2.05	1.55	2.25
	from M3	4.03	3.79	3.80	3.80	2.74	2.25	1.22
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				1.06			
Percentage	from M1				1.06	0.00		
	from M2				1.06	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				1.06			
	from M1				1.06	0.00		
	from M2				1.06	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 %		-1.13 %		1.73 %		
Monthly W/d (FSS,ISS-1)		1.76 %		-1.13 %		0.63 %		
Monthly Injections		1.76 %		-1.13 %		0.63 %		
Monthly Inventory Level		0.08 %		-0.03 %		0.05 %		

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.

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Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
	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
	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
	from STX	0.03	-0.04	-0.41	-0.41	-0.18	-0.78	-1.19
Applicable	from WLA	0.47	0.32	-0.03	-0.03	0.20	-0.40	-0.81
Shrinkage	from ELA	0.32	0.19	0.18	0.18	0.41	-0.19	-0.60
Adjustment	from ETX	0.30	0.19	0.18	0.18	0.41	-0.19	-0.60
Percentage	from M1	-0.18	0.20	0.41	0.41	0.23	-0.37	-0.78
	from M2	-0.78	-0.40	-0.19	-0.19	-0.37	-0.08	-0.49
	from M3	-1.19	-0.81	-0.60	-0.60	-0.78	-0.49	0.11
	from STX	0.96	1.00	1.23	1.23	2.31	2.81	3.15
Applicable	from WLA	1.00	0.85	1.10	1.10	2.18	2.68	3.02
Shrinkage	from ELA	1.23	1.10	1.09	1.09	2.17	2.67	3.01
Percentage	from ETX	1.23	1.10	1.09	1.09	2.17	2.67	3.01
	from M1	2.31	2.18	2.17	2.17	1.08	1.58	1.92
	from M2	2.81	2.68	2.67	2.67	1.58	1.34	1.68
	from M3	3.15	3.02	3.01	3.01	1.92	1.68	1.18
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	0.00	0.00
	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Adjustment	from ETX				1.09			
Percentage	from M1				1.09	0.00		
	from M2				1.09	0.00	0.00	
	from M3				1.09	0.00	0.00	0.00
	from STX	0.00						
Applicable	from WLA		0.00					
Shrinkage	from ELA			0.00				
Percentage	from ETX				1.09			
	from M1				1.09	0.00		
	from M2				1.09	0.00	0.00	
	from M3				1.09	0.00	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)		2.70 %			-0.94 %	1.76 %		
Monthly W/d (FSS,ISS-1)		1.76 %			-1.13 %	0.63 %		
Monthly Injections		1.76 %			-1.13 %	0.63 %		
Monthly Inventory Level		0.08 %			-0.03 %	0.05 %		

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.

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Effective During the Winter Period: December 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	-0.37	-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
	from M2	-1.91	-1.42	-1.02	-1.02	-0.96	-0.52	-0.45
	from M3	-1.86	-1.37	-0.97	-0.97	-0.90	-0.45	0.37
	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
	from M1	1.97	1.72	1.79	1.79	0.80	1.62	2.79
	from M2	2.79	2.54	2.61	2.61	1.62	1.28	2.45
	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 (%)
	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				0.99			
Percentage	from M1				0.99	0.00		
	from M2				0.99	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				0.99			
	from M1				0.99	0.00		
	from M2				0.99	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 %		-1.26 %		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.

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Effective During the Spring, Summer and Fall Periods: April 1 through November 30

FOR TRANSPORTATION SERVICE		STX (%)	WLA (%)	ELA (%)	ETX (%)	M1 (%)	M2 (%)	M3 (%)
	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
	from M2	3.59	3.08	2.86	2.86	1.95	1.42	2.17
	from M3	4.34	3.83	3.61	3.61	2.70	2.17	1.07
	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
	from M2	-1.19	-0.87	-0.61	-0.61	-0.60	-0.31	-0.22
	from M3	-1.10	-0.78	-0.52	-0.52	-0.51	-0.22	0.30
	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
	from M1	1.81	1.62	1.66	1.66	0.76	1.35	2.19
	from M2	2.40	2.21	2.25	2.25	1.35	1.11	1.95
	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 (%)
	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				0.90			
Percentage	from M1				0.90	0.00		
	from M2				0.90	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				0.90			
	from M1				0.90	0.00		
	from M2				0.90	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)		2.70 %		-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.

## Peoples Natural Gas 1307(f)-2020

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Section 53.64(c)(1) Details of contract negotiations for gas supply, production, transportation and storage.

### 1. Local Producers

Locally produced, Appalachian Gas has always been a significant source of gas on the Peoples Natural Gas Company LLC ("Peoples Natural Gas" or the "Company") system for both system supply and the transport market. Peoples Natural Gas purchased local supplies from approximately 176 producers under 240 active gas purchase contracts (as of November 2019). These contracts have been negotiated at various times over the past 100 years and are in effect for various terms from as little as one month to three months, one year, 25 years, and as long as "life of the well".

With the implementation of Rate Appalachian Gathering Service as part of the settlement approved in resolution of Peoples Natural Gas' general rate case at Docket No. R-2018-3006818, the Company has begun the process of replacing and/or amending these existing contracts to implement approved terms and conditions. Among these are a requirement that any party desiring to transport gas through the Company's gathering system, as well as to deliver gas directly into the Company's distribution and transmission system, must execute a Master Interconnect and Measurement Agreement ("MIMA"). The MIMA shall supersede and terminate any previously executed agreement(s) between the parties for the transport and/or purchase of gas. The terms of the MIMA include Peoples Natural Gas' standard purchase price terms, as follows:

A price based on the 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. Dominion South Point Index) was first used as a pricing option in 1999 and has become the standard, local gas, purchase price for the Company. This index was adopted as the standard purchase price for the Equitable Division in 2015. These contracts are for 1-year terms with a price at either 100% or 103% of the index. Unless terminated upon at least thirty (30) days' advance notice by either party prior to the end of the term, the agreement shall renew automatically for successive additional one-month production period terms.

As Peoples Natural Gas implements MIMAs with legacy producers with current contracts with non-standard pricing terms, those terms will change to standard pricing terms.

### 2. National Fuel Gas Supply Corporation (NFG)

The Company purchases interstate, natural gas transportation service and natural gas storage service from NFG. In 1993, Peoples Natural Gas entered into Rate Schedule EFT transportation contracts with NFG of 15,476 Dth/day and Rate Schedule ESS storage service at a demand level of 9,793 Dth/day and a capacity level of 748,611 Dth. The



primary term of these service agreements expired March 31, 2003; however, the terms were extended each year for additional one-year periods under applicable provisions in the agreements so that the contracts now expire March 31, 2021 subject to notice of termination being provided no later than March 31, 2020. If notice of termination is not provided by March 31, 2020, the contracts will extend for another one-year period. Peoples Natural Gas requires this capacity to meet the needs of its customers in an operationally isolated portion of its service area and thus does not intend to provide such notice of termination.

### 3. Peoples Gas Company LLC

Exchange Agreement - Peoples Natural Gas and Peoples Gas Company LLC ("Peoples Gas") (collectively, "Companies") exchange natural gas supply pursuant to an agreement that was approved at Docket No. G-2011-2265150. After the original exchange agreement was filed for approval with the Pennsylvania Public Utility Commission ("Commission"), 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 on January 5, 2012, an amended exchange agreement that 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. 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, the Companies anticipate that the requests for new interconnection points are likely to increase. The A&R GEA would permit 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.

Storage Trade – The Companies intend to explore an exchange of off-system storage services anticipating that such a trade will improve operating efficiencies at both companies. Specifically, Peoples Gas would release to Peoples Natural Gas firm storage capacity and related firm transportation capacity received pursuant to service agreements with Equitrans. In exchange, Peoples Natural Gas would release to Peoples Gas corresponding amounts of firm storage capacity and related firm transportation capacity received pursuant to service agreements with DETI. This proposal is discussed in more detail in the Direct Testimony of Peoples Gas witness Steven Kolich.

4. Dominion Energy Transmission, Inc. (DETI but formerly DTI)

Peoples Natural Gas purchases interstate, natural gas transportation service and natural gas storage service from DETI. On February 20, 2014, Peoples Natural Gas entered into FTNN and GSS service agreements with DTI effective April 1, 2014. The service agreements provide for year-round FTNN service at 40,000 Dth/day and GSS service at 40,000 Dth/day and capacity of 4.6 MMDth. The FTNN and GSS service agreements bolster gas deliveries to critical city-gate points located on the western portion of Peoples Natural Gas' system.

Also in February 2014, Peoples Natural Gas executed FT and GSS contracts with DTI effective April 1, 2014 through March 31, 2034 to address cold weather supply restrictions on Equitrans in the northern part of the Peoples Natural Gas – Equitable Division system. These Rate Schedule GSS and Rate Schedule FT contracts ensure firm deliveries into Equitrans of 20,000 Dth/day and directly into Peoples Natural Gas of 20,000 Dth/day, with related seasonal storage capacity of 2,480,000 Dth. These agreements extend through March 31, 2034, and were approved in the 2014 1307(f) case.

5. Texas Eastern Transmission, LP (Texas Eastern or TETCO)

a. Firm Transportation Service - Peoples Natural Gas purchases interstate, natural gas transportation service from Texas Eastern. The Company entered into an agreement effective April 1, 2007 through March 31, 2019 for 15,650 Dth/day of Market Zone 3 (M3) firm transportation capacity under Rate Schedule FT-1. The primary term of this service agreement expired April 30, 2019; however, the agreement automatically extends for another one year term if notice of termination is not provided at least one year prior to the termination date. Since no notice of termination has been given, the agreement has automatically extended for two additional one-year periods so that the contract now expires April 30, 2021 if notice of termination is provided no later than April 30, 2020. If notice of termination is not provided by April 30, 2020, the contract will extend for another one-year period. Peoples Natural Gas requires this capacity to meet the needs of its customers in an

operationally isolated portion of its service area and thus does not intend to provide such notice of termination.

In October 2018, Peoples Natural Gas solicited third parties for an Asset Management Arrangement (“AMA”) of its TETCO capacity for the period of November 2018 through October 2019. The AMA stipulated that the awarded supplier would provide supply to Peoples Natural Gas with the same operational capacity as if Peoples Natural Gas retained control of the TETCO capacity. The AMA was awarded for the entire period. Peoples Natural Gas’ TETCO capacity was then released at zero cost per month for the same period. The AMA specifies that quantities may be called on at specific points at monthly baseload or daily levels, or some combination. For monthly baseload requested quantities, pricing is INSIDE FERC’s Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts plus TETCO variable costs to the requested meter in effect for the period. For daily requested quantities, pricing is Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts for the day of flow plus TETCO variable costs to the requested meter in effect for the period.

In August 2019, Peoples Natural Gas solicited third parties for an AMA of its TETCO capacity for the periods of November 2019 through March 31, 2020 and November 2019 through October 2020. The AMA stipulated that the awarded supplier would provide supply to Peoples Natural Gas with the same operational capacity as if Peoples Natural Gas retained control of the TETCO capacity. The AMA was awarded for the period of November 2019 through October 2020. Peoples Natural Gas’ TETCO capacity was then released at zero cost per month for the same period. The AMA specifies that quantities may be called on at specific points at monthly baseload or daily levels, or some combination. For monthly baseload requested quantities, pricing is INSIDE FERC’s Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts plus TETCO variable costs to the requested meter in effect for the period. For daily requested quantities, pricing is Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts for the day of flow plus TETCO variable costs to the requested meter in effect for the period.

b. Delivered Supply - Peoples Natural Gas also needs firm deliveries of natural gas to other parts of its system adjacent to Texas Eastern’s system in both Market Zone 3 (M3) and Market Zone 2 (M2). Previously, the Company supplied this need with Texas Eastern firm transportation service, but more recently, the Company has contracted for the purchase of natural gas delivered all the way to the Company’s city-gate by the Supplier.

In May 2018, Peoples Natural Gas issued an RFP for firm deliveries of up to 3,000 Dth/day at TETCO’s M2 Rockwood delivery point and 25,000 Dth/day at TETCO’s M3 Ebensburg delivery point for the period of November 2018 through March 2019. Approximately twenty potential suppliers were solicited, and several proposals were received. Peoples Natural Gas accepted two offers for up to 25,000 Dth/day from each supplier at Ebensburg and two offers for up to 3,000 Dth/day from each supplier at Rockwood. None of the accepted proposals had associated reservation charges. All accepted proposals offered the option to call on monthly baseload or daily spot quantities, or some combination. For monthly baseload requested quantities, all accepted proposals included premiums related to INSIDE FERC’s Gas Market Report, Monthly Bidweek Spot

Gas Price Index for Texas Eastern, M-2 Receipts for that month. For daily requested quantities, all accepted proposals included premiums related to the Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts reported for the day of flow.

In May 2019, Peoples Natural Gas again issued an RFP for firm deliveries of up to 3,000 Dth/day at TETCO M2 Rockwood and 25,000 Dth/day at TETCO M3 Ebensburg, for the period of November 2019 through March 2020. Approximately twenty potential suppliers were solicited, and several proposals were received. Peoples Natural Gas accepted an offer for up to 25,000 Dth/day at Ebensburg and an offer for up to 3,000 Dth/day at Rockwood. Neither of the accepted proposals had associated reservation charges. Both accepted proposals offer the option to call on monthly baseload or daily spot quantities, or some combination. For monthly baseload requested quantities, all accepted proposals include premiums related to INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts for that month. For daily requested quantities, all accepted proposals include premiums related to the Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts reported for the day of flow.

At the time of filing, Peoples Natural Gas had not entered into negotiations for a replacement of agreements for delivered gas that expire at the end of March 2020. Peoples Natural Gas intends to issue another RFP.

6. Tennessee Gas Pipeline Company, LLC (Tennessee or TGP)

Peoples Natural Gas needs firm deliveries of natural gas to parts of its system adjacent to TGP's system. Previously, the Company supplied this need with TGP firm transportation service, but more recently, the Company has contracted for the purchase of natural gas delivered all the way to the Company's city-gate by the Supplier.

In May 2018, Peoples Natural Gas issued an RFP for deliveries to its TGP meters at Pitt Terminal, Pulaski and New Castle, for the period of November 2018 through March 2019. Approximately twenty potential suppliers were solicited and several proposals were received. Peoples Natural Gas entered into an agreement with two suppliers for each to make deliveries of up to 26,000 Dth/day with no associated reservation fee and a commodity based premium to the GDA Z4 index. Both agreements expired on March 31, 2019. For monthly baseload requested quantities, both accepted proposals included premiums related to INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200 Leg for that month. For daily requested quantities, both accepted proposals included premiums related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow.

In May 2019, Peoples Natural Gas again issued an RFP for deliveries to its TGP meters at Pitt Terminal, Pulaski and New Castle for the period of November 2019 through March 2020. Approximately twenty potential suppliers were solicited and several proposals were received. Peoples Natural Gas entered into an agreement with three suppliers to make deliveries ranging from 6,000 Dth/day to 26,000 Dth/day, depending on the supplier, with no associated reservation fee and a commodity based premium to the GDA Z4 index. All three agreements expire on March 31, 2020. One of the accepted proposal's pricing for baseload supplies is at the INSIDE FERC's Gas Market Report,

Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200 Leg for that month with no premium. The other proposals' pricing for baseload supplies is 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, all accepted proposals include premiums related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow.

Peoples Natural Gas has evaluated its needs and plans to issue in the second quarter of 2020 another RFP for deliveries to its TGP meters for the winter of 2020 – 2021.

7. Equitrans, L.P. ("Equitrans") and EQT Energy, LLC ("EQT Energy")

On March 19, 2013, Peoples Natural Gas, Peoples Gas, and Equitable Gas Company, LLC ("Equitable") filed a Joint Application with the Commission requesting all necessary approvals pursuant to Sections 1102(a)(3), 1317(d), 2102(a), and 2204(e)(4) of the Public Utility Code ("Code"), 66 Pa.C.S. §§ 1102(a)(3), 1317(d), 2102(a), and 2204(e)(4), authorizing and approving: (1) the transfer of 100% of the issued and outstanding limited liability company membership interests in Equitable, an indirect subsidiary of EQT Corporation ("EQT"), to PNG Companies LLC ("PNG"), an indirect subsidiary of SteelRiver Infrastructure Fund North America LP ("SRIFNA"); (2) the merger of Equitable with Peoples Natural Gas, a wholly-owned subsidiary of PNG, and the operation of Equitable as an operating division of PNG; (3) the transfer of certain storage and transmission assets of Peoples Natural Gas to EQT; (4) the transfer of certain assets and/or the exchange of certain services between EQT and Equitable; (5) certain PNG ownership changes associated with the Transaction; (6) the associated gas capacity, storage, interconnects, leases, and supply service agreements among Peoples Natural Gas, Peoples Gas, Equitable, and/or EQT set forth in the Joint Application; and (7) certain changes in Peoples Natural Gas' tariff necessary to carry out the transactions. On November, 14, 2013, the Commission entered an Order at Docket Nos. A-2013-2353647, A-2013-2353649, and A-2013-2353651, approving a Joint Petition for Settlement of all issues in the above-captioned proceeding. By this Order, the Commission approved the transfer of certain storage and transmission assets of Peoples Natural Gas to affiliates of EQT Corporation and approved certain gas supply contracts between Peoples Natural Gas, Equitrans and EQT Energy. These approved gas supply contracts are described in the sections immediately below.

a. Equitrans - Allegheny Valley Connector ("AVC") Services - On December 10, 2013, Peoples Natural Gas and Equitrans entered into transportation service agreements under Rate Schedule FTS and FTSS, and a storage service agreement under Rate Schedule GSS. Under these service agreements, Equitrans provides year-round firm transportation and storage services to Peoples Natural Gas using the storage and transmission assets transferred by Peoples Natural Gas to EQT Corporation. These agreements provide Peoples Natural Gas with access to the capacity on the transferred assets needed to serve its customers. The transferred assets are referred to as the AVC system and are operated by Equitrans. The FTSS and GSS service agreements provide Peoples Natural Gas and its customers with access to AVC storage capacity of 200,000 Dth/day and 8.6 MMDth annually. The FTS service agreement provides Peoples Natural Gas and its customers with

access to transportation capacity on the AVC system of 251,700 Dth/day. These service agreements provide for a total of 451,700 Dth/day of winter season, firm capacity on the AVC system.

b. Equitrans – Firm Transportation Service - On December 10, 2013, Peoples Natural Gas and Equitrans entered into an agreement under Equitrans Rate Schedule FTS for firm transportation services of 251,700 Dth/day. This agreement, which became effective April 1, 2014, replaced 251,700 Dth/day of firm transportation and storage capacity under the DTI storage and transportation agreements that expired March 31, 2014. Gas transported under this agreement is delivered to Ginger Hill which is the point of interconnection between the Equitrans Mainline and AVC systems. This agreement provides for a maximum daily quantity of 251,700 Dth/day for the winter months of November through March and 62,000 Dth/day for the summer months of April through October.

Also on December 10, 2013, Peoples Natural Gas and Equitrans entered into an extension of existing agreements under Equitrans Rate Schedule FTS for services of 352,481 Dth/day of firm transportation and storage capacity previously available under the Equitrans storage and transportation agreements existing prior to the Peoples Natural Gas acquisition of Equitable. Gas transported under these agreements is delivered to various interconnections between the Equitrans Mainline and Peoples Natural Gas (into what was formerly the Equitable Division). These agreements provide for a maximum daily quantity of 352,481 Dth/day for the winter months of November through March and 267,992 Dth/day for the summer months of April through October. These contracts expire on March 31, 2034.

Peoples Natural Gas also holds a contract under Rate Schedule NOFT allowing No-Notice delivery of 79,545 Dth/day to its Equitrans interconnects. This contract also replaces a contract previously held by Equitable, changing only the effective dates, effective April 1, 2014 and expiring on March 31, 2034.

c. Equitrans – Firm Storage Service - The Company has held two forms of storage service with Equitrans over the years. The first is a 60-day storage service under Rate Schedule 60SS, and the other is a 115 day storage service under Rate Schedule 115SS. The 60SS service provides for a Maximum Daily Withdrawal Quantity (“MDWQ”) of 137,010 Dth with related storage capacity of 7,473,296 Dth, and the 115SS service provides for an MDWQ of 50,536 Dth and related storage capacity of 5,283,357 Dth. These storage contracts expire on March 31, 2034. The Company also holds sufficient Firm Transportation contracts to support these storage services.

d. EQT Energy – NAESB Gas Supply Agreement - On December 19, 2012, Equitable and EQT Energy entered into a base contract for the sale of natural gas by EQT Energy to Equitable. On December 17, 2013, Equitable and EQT Energy executed a transaction confirmation under the December 19, 2012 base contract with an effective date of December 17, 2013. Under this agreement, EQT Energy will deliver an annual volume of not less than 20 MMDth to Equitrans for redelivery to Peoples Natural Gas (into what was formerly the Equitable Division), with a maximum daily quantity

("MDQ") of 164,935 Dth/day. This agreement also provides for a first-of-the-month nomination of a fixed daily quantity with a winter intra-month call option that allows Peoples Natural Gas to change the daily quantity and call on supplies up to its MDQ on 24 hours' notice.

e. EQT Energy – NAESB Gas Supply Agreement - On December 19, 2012, Peoples Natural Gas and EQT Energy entered into a base contract for the sale of natural gas by EQT Energy to Peoples Natural Gas. On December 17, 2013, Peoples Natural Gas and EQT Energy executed a transaction confirmation under the December 19, 2012 base contract with an effective date of April 1, 2014. Under this agreement, EQT Energy will deliver to Equitrans for redelivery to Peoples Natural Gas an annual volume of not less than 15 MMDth, with an MDQ of 251,700 Dth/day. This agreement also provides for a first-of-the-month nomination of a fixed daily quantity with a winter intra-month call option that allows Peoples Natural Gas to change the daily quantity and call on supplies of up to its MDQ on 24 hours' notice.

On June 1, 2019, the Company and Equitrans entered into new agreements that effectively converted all of the firm transportation services listed in paragraphs a. through c., above, to enhanced firm transportation services provided under Equitrans Rate Schedule EFT, Enhanced Firm Transportation Service. This was done pursuant to a settlement approved in FERC Docket No. RP18-1167-000, et al., which is discussed in detail in the Direct Testimony of Peoples Natural Gas witness Steven Kolich.

#### 8. Peoples Gas

Historically, for operational reasons, Equitable procured gas deliveries into its system from certain points of interconnection with Peoples Gas. Peoples Natural Gas entered into a transportation agreement with Peoples Gas to move supplies into these interconnections with People Gas under terms similar to those that existed previously. The agreement provides for transportation of these operationally necessary supplies with a minimum requirement of 3,000 Dth per day in the summer, and up to 16,000 Dth per day on a Peak Day.

#### 9. Term Gas Supply Contracts

"Term" gas supply contracts are gas purchase agreements with duration greater than one month for a firm amount.

As discussed in paragraphs 7.d. and 7.e., above, Peoples Natural Gas has long term supply arrangements with EQT Energy with monthly and daily volume options. One supply contract provides up to 164,935 Dth/day and terminates December 16, 2033. The second supply contract provides up to 251,700 Dth/day and terminates March 31, 2034.

#### 10. Spot-Gas Contracts

Peoples Natural Gas enters into numerous spot-market gas purchase contracts with various entities. By their very nature, spot-market contracts are negotiated on a monthly or daily basis.

11. Storage Trade

Peoples Natural Gas intends to explore an exchange of off-system storage services anticipating that such a trade will improve operating efficiencies at both companies. Specifically, Peoples Natural Gas would release to Peoples Gas corresponding amounts of firm storage capacity and related firm transportation capacity received pursuant to service agreements with DETI. In exchange, Peoples Gas would release to Peoples Natural Gas firm storage capacity and related firm transportation capacity received pursuant to service agreements with Equitrans. This proposal is discussed in more detail in the Direct Testimony of Peoples Gas witness Steven Kolich.

<u>Firm Transportation Contracts</u>	<u>Contract Number</u>	<u>Maximum Daily Quantity (dth)</u>	<u>Maximum Annual Quantity (dth)</u>	<u>Expiration Date</u>
<b><u>Dominion Transmission</u></b>				
Rate Schedule FTNN	100119	40,000	14,600,000	3/31/2034
Rate Schedule FT	200654	40,000	14,600,000	3/31/2034
<b><u>National Fuel Gas Supply</u></b>				
Rate Schedule EFT	E00532	15,476	5,648,740	3/31/2021
<b><u>Texas Eastern Transmission</u></b>				
Rate Schedule FT-1	910089	15,650	5,712,250	4/30/2021
<b><u>Equitrans</u></b>				
Rate Schedule EFT-AVC	1576			12/31/2033
Winter		251,700	38,006,700	
Summer		62,000	13,268,000	
Rate Schedule FTS-AVC	774			12/31/2033
Winter		200,000	30,200,000	
Summer		62,000	13,268,000	
Rate Schedule EFT-Sunrise	1565			3/31/2034
Winter		251,700	38,006,700	
Summer		62,000	13,268,000	
Rate Schedule NOFT	860	79,545	29,033,925	3/31/2034
Rate Schedule EFT	1559			3/31/2034
Winter		164,935	24,905,185	
Summer		164,935	35,296,090	
Rate Schedule EFT	1560			3/31/2034
Winter		137,010	20,688,510	
Summer		76,142	16,294,388	
Rate Schedule EFT	1561			3/31/2034
Winter		50,536	7,630,936	
Summer		26,915	5,759,810	



<b><u>Storage Contracts</u></b>	<b><u>Contract Number</u></b>	<b><u>Storage Demand Quantity (dth)</u></b>	<b><u>Storage Capacity Quantity (dth)</u></b>	<b><u>Expiration Date</u></b>
<b><u>Dominion Transmission</u></b>				
Rate Schedule GSS	300181	40,000	4,600,000	3/31/2034
Rate Schedule GSS	300196	40,000	2,480,000	3/31/2034
<b><u>National Fuel Gas Supply</u></b>				
Rate Schedule ESS	G00543	9,793	748,611	3/31/2021
<b><u>Equitrans</u></b>				
Rate Schedule GSS-AVC	775	200,000	8,600,000	12/31/2033
Rate Schedule 60SS				
Winter	863	137,010	7,473,296	3/31/2034
Summer		74,733		
Rate Schedule 115SS				
Winter	865	50,536	5,283,357	3/31/2034
Summer		26,417		

**Peoples Natural Gas  
1307(f) - 2020**

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Section 53.64(c)(2):

Notwithstanding paragraph (1), requests for confidential treatment of a submission required to be filed by these regulations 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 Natural 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 53.64(c)(10), and reserves the right to seek confidential treatment of any subsequent submissions made in the context of discovery or during the course of this proceeding. Peoples Natural Gas 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 Natural Gas.

**Peoples Natural Gas  
1307(f)-2020**

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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 two months prior to the date of the tariff filing, and the reasons why the gas, 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 nonselection.

\* \* \* \* \*

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 Natural Gas as was done in the past. Once it is determined how much spot gas supplies Peoples Natural Gas' 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 process of negotiation is done 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 Natural Gas' 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.

Peoples Natural Gas evaluated its needs and issued an RFP for deliveries to its TGP meters, TETCO M2 meter, and its TETCO M3 meter for the winter of 2018 – 2019.

In May 2018, Peoples Natural Gas issued an RFP for firm deliveries of up to 3,000 Dth/day at TETCO M2 Rockwood and 25,000 Dth/day at TETCO M3 Ebensburg, for the period of November 2018 through March 2019. Approximately twenty potential suppliers were solicited, and several proposals were received. Peoples Natural Gas accepted two offers for up to 25,000 Dth/day from each supplier at Ebensburg and two offers for up to 3,000 Dth/day from each supplier at Rockwood. None of the accepted proposals had associated reservation charges. All accepted proposals offered the option to call on monthly baseload or daily spot quantities, or some combination. For monthly baseload requested quantities, all accepted proposals included premiums related to INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts for that month. For daily requested quantities, all accepted proposals included premiums related to the Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts reported for the day of flow.

In May 2018, Peoples Natural Gas issued an RFP for deliveries to its TGP meters at Pitt Terminal, Pulaski and New Castle, for the period of November 2018 through March 2019. Approximately twenty potential suppliers were solicited and several proposals were received. Peoples Natural Gas entered into an agreement with two suppliers for each to make deliveries of up to 26,000 Dth/day with no associated reservation fee and a commodity based premium to the GDA Z4 index. Both agreements expired on March 31, 2019. For monthly baseload requested quantities, both accepted proposals included premiums related to INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200 Leg for that month. For daily requested quantities, both accepted proposals included premiums related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow.

In October 2018, Peoples Natural Gas solicited third parties for an Asset Management Arrangement ("AMA") of its TETCO capacity for the period of November 2018 through October 2019. The AMA stipulated that the awarded supplier would provide supply to Peoples Natural Gas with the same operational capacity as if Peoples Natural Gas retained control of the TETCO capacity. The AMA was awarded for the entire period. Peoples Natural Gas' TETCO capacity was then released at zero cost per month for the same period. The AMA specified that quantities could be called on at specific points at monthly baseload or daily levels, or some combination. For monthly baseload requested quantities, pricing was INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts plus TETCO variable costs to the requested meter in effect for the period. For daily requested quantities, pricing was Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts for the day of flow plus TETCO variable costs to the requested meter in effect for the period.

In May 2019, Peoples Natural Gas issued an RFP for firm deliveries of up to 3,000 Dth/day at TETCO M2 Rockwood and 25,000 Dth/day at TETCO M3 Ebensburg, for the period of November 2019 through March 2020. Approximately twenty potential suppliers were solicited, and several proposals were received. Peoples Natural Gas accepted an offer for up to 25,000 Dth/day at Ebensburg and an offer for up to 3,000 Dth/day at Rockwood. Neither of the accepted proposals had associated reservation charges. Both accepted proposals offer the option to call on monthly baseload or daily spot quantities, or some combination. For monthly baseload requested quantities, all accepted proposals include premiums related to INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts for that month. For daily requested quantities, all accepted proposals include premiums related to the Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts reported for the day of flow. For the November 2019 through March 2020 period, Peoples Natural Gas rejected five less competitive offers related to its Rockwood supply RFP and four offers related to its Ebensburg supply RFP.

In May 2019, Peoples Natural Gas issued an RFP for deliveries to its TGP meters at Pitt Terminal, Pulaski and New Castle, for the period of November 2019 through March 2020. Approximately twenty potential suppliers were solicited and several proposals were received. Peoples Natural Gas entered into an agreement with three suppliers to make deliveries ranging from 6,000 Dth/day to 26,000 Dth/day, depending on the supplier, with no associated reservation fee and a commodity based premium to the GDA Z4 index. All three agreements expire on March 31, 2020. One of the accepted proposal's pricing for baseload supplies is at the INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Tennessee, Zone 4-200

Leg for that month with no premium. The other proposals' pricing for baseload supplies is 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, all accepted proposals include premiums related to Gas Daily midpoint pricing for Tennessee, Zone 4-200 Leg reported for the day of flow. For the November 2019 through March 2020 period, Peoples Natural Gas rejected four less competitive offers related to its TGP meters supply RFP.

In July 2019, Peoples Natural Gas evaluated an unsolicited proposal for an AMA involving its Dominion Energy Transportation ("DET") FT contract 200654 and its DET GSS storage contract 300196. The arrangement offered to pay Peoples Natural Gas \$100,008 to manage the contracts for the period of November 2019 through October 2020. However, Peoples Natural Gas rejected the proposal for several reasons. The pricing conditions of the proposal for storage injections were not favorable. Also, the retention of operational flexibility, and the ability to avoid high pricing through intraday storage withdraws during peak periods, was likely to be greater than the value of the AMA proposal.

In August 2019, Peoples Natural Gas solicited third parties for an AMA of its TETCO capacity for the periods of November 2019 through March 31, 2020 and November 2019 through October 2020. The AMA stipulated that the awarded supplier would provide supply to Peoples Natural Gas with the same operational capacity as if Peoples Natural Gas retained control of the TETCO capacity. The AMA was awarded for the entire period of November 2019 through October 2020. Peoples Natural Gas' TETCO capacity was then released at zero cost per month for the same period. The AMA specifies that quantities may be called on at specific points at monthly baseload or daily levels, or some combination. For monthly baseload requested quantities, pricing is INSIDE FERC's Gas Market Report, Monthly Bidweek Spot Gas Price Index for Texas Eastern, M-2 Receipts plus TETCO variable costs to the requested meter in effect for the period. For daily requested quantities, pricing is Gas Daily midpoint pricing for Texas Eastern, M-2 Receipts for the day of flow plus TETCO variable costs to the requested meter in effect for the period. For the November 2019 through March 2020 period, Peoples Natural Gas rejected six less competitive offers related to its TETCO AMA 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, 2020.

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 Natural Gas Statement No. 2).

**Peoples Natural Gas  
Docket No. R-2020-**

For the Twelve Months Ending December 31, 2019

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**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 Company LLC ("Peoples Gas") (collectively, "the Peoples LDCs"<sup>1</sup>), monitor proceedings before the Federal Energy Regulatory Commission ("FERC") and undertake legal action as necessary to protect the interests of the ratepayers of these companies. 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 two companies 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 two companies for the period January 1,

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<sup>1</sup> 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.

2019 through December 31, 2019, including what has transpired in each case, and the degree of the Peoples LDCs' participation, if any.

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 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 "DETT"), Equitrans ("Equitrans" 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 presently monitors Dominion, Equitrans 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 it is not a customer of that pipeline or does 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 it has 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. The listing covers pipeline filings submitted during the period January 1, 2019, through December 31, 2019.

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 approved settlements or tariff provisions. Generally there are no protests or adverse comments with regard to 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 or like-minded associations.

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. 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 70 million customers – receive their gas from AGA members. 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 rulemaking and other generic policy dockets that affect its members’ interests. 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) 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 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”). 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, 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 Rulemaking and Other FERC Proceedings**

Schedule C provides a listing of a number of “FERC Rulemakings” in which AGA participated during the period January 1, 2019, through December 31, 2019, 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.

Historically, the Peoples LDCs have also included a Schedule D, a description of Peoples LDCs’ filings made with 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 the schedule is omitted this year.

## **SCHEDULE A**

### **PIPELINE PROCEEDINGS**

#### **Columbia Gas Transmission, LLC (Peoples Gas only)**

##### **Modernization II Rate Reset**

**RP19-515**

**RP19-517**

**Summary:** On December 31, 2018, Columbia filed (RP19-515) to roll its current Capital Cost Recovery Mechanism (“CCRM”) rate into base rates effective February 1, 2019, and reduce base rates by \$7.5 million. This was done as a component of an earlier agreement reached with shippers that was filed in Docket No. RP16-314. In addition to the roll-in, that agreement also provided for the termination of the Company’s first modernization agreement, Modernization Agreement I, to be replaced with the Modernization Agreement II. The roll-in was accepted by FERC on January 23, 2019.

On the same day, Columbia filed its first CCRM rate under Modernization Agreement II, also to be effective February 1, 2019. This filing was docketed at RP19-517. After a brief debate on the inclusion of determinants, the filing was accepted on January 30, 2019.

Peoples Gas intervened in both proceedings on January 14, 2019.

### **New Aggregation Area**

**RP19-605**

Summary: On January 30, 2019, Columbia filed to introduce Aggregation Area 12 related to its Mountaineer Xpress project. Peoples Gas was not immediately affected by the new area. Peoples Gas intervened on February 11, 2019. The new aggregation area was unopposed and accepted by FERC on February 13, 2019.

### **Texas Eastern Exchange Agreement**

**RP19-1386**

Summary: On July 16, 2019, Columbia filed to terminate its X-130 tariff service, an exchange agreement with Texas Eastern. This agreement fulfilled a critical role in Columbia's portfolio, so the pipeline contracted for Texas Eastern service to replace the exchange agreement. This new service increases Columbia's TCRA rate and was therefore scrutinized by shippers. However, Columbia does not seem to have alternative firm transportation options. FERC approved the service abandonment on July 31, 2019.

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

#### **501-G Filing**

**RP19-62**

Summary: On October 11, 2018, Dominion filed form 501-G in accordance with FERC Order 849. The form uses the pipeline's 2017 Form 2 financial information and adjusts to a 21% corporate tax rate. The pipeline also filed an adjusted form 501-G in which it claimed that it made allowances for items the FERC did not address in Order 849. The 501-G, as ordered by FERC, suggested a 7.3% rate reduction for Dominion. Dominion argued that based on its adjusted 501-G, no rate reduction was called for at this time. Peoples LDCs intervened on October 23, 2018.

PSEG Energy Resources (“PSEG”) and Trade and Indicated Shippers filed comments and protests on October 23, 2018. PSEG argued that the base 501-G was sufficient evidence to support the rate reduction given that DETI would be earnings neutral given the tax change. Indicated Shippers called for more information on Dominion’s excess accumulated deferred income tax (“EDIT”) amortization and fuel revenues.

Dominion responded on November 14, 2018, stating that Order 849 provided for an option for the pipeline to provide an explanation as to why its rates should not be reduced. Implicitly there is an assumption that the form 501-G did not capture all pertinent information, and Dominion included an argument in its filing as anticipated by FERC in its Order. It also provided a detailed explanation of its EDIT calculation and fuel revenues.

On March 8, 2019, the FERC accepted Dominion’s explanations and closed the proceeding. Given Dominion’s adjustments to the form 501-G to represent its specific circumstances, FERC determined that “...Dominion’s ROE does not appear to be sufficiently excessive to justify initiating an investigation of its rates pursuant to NGA section 5.”

### **Construction of Facilities**

#### **RP19-1610**

**Summary:** On September 27, 2019, Dominion filed to change its General Terms and Conditions related to constructing new facilities. The revised language combined the sections “Requested Facilities” and “Construction of Facilities.” It clarified several sections related to Dominion’s obligations, specifically that it is never required to construct facilities.

The change was accepted by FERC on October 10, 2019. No shippers filed comments. The changes were in line with industry standards.

### **Equitrans, L.P. (Peoples Natural Gas & Peoples Gas)**

#### **Equitrans Expansion Project (Redhook Compressor)**

##### **CP16-13**

**Summary:** On October 27, 2015, Equitrans filed to construct the Redhook Compressor, which would dramatically change the flows on Equitrans 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, Equitrans 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 Equitrans at the time of filing. Equitrans submitted information to show that the proposed rates are sufficient to pay for the project and so 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 Equitrans once this project goes into service. After several months of discussions with Equitrans, the Peoples LDCs filed a protest on February 23, 2016. In the protest, the Peoples LDCs outlined several areas of concern while stressing they did not oppose, in principle, an Equitrans expansion. The Peoples LDCs explained that they were concerned about flow changes on Equitrans' system, potential reliance on Equitrans use of displacement to provide for service, and delivery point pressures. The Peoples LDCs proposed a technical conference.

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

The Peoples LDCs filed their response to Equitrans on May 6, 2016, challenging some of the pipeline's modeling assumptions and assertions as to the inadequacy of the Peoples LDCs' facilities.

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

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

On September 16, 2016, a Draft EIS 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, the Peoples LDCs withdrew their comments, satisfied with Equitrans' explanation of the project and how gas flows in the Pittsburgh region would be affected.

The Final EIS 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) is not yet complete.

### **Formula Based Negotiated Rates Update**

#### **RP19-734**

**Summary:** AVC rates charged to Peoples Natural Gas are recalculated annually based on a formula included in FERC-approved negotiated rates that provides rate recovery for upgrades to the AVC system, many of which Peoples Natural Gas had planned before the transfer of assets took place.

Under the updated calculations, Peoples Natural Gas' FTS and FTSS monthly reservation charges increase from \$10.1534 to \$10.2251 per MMBTU. For Peoples Natural Gas' GSS service, the Demand charge increased from \$3.5884 to \$3.6190 and the Storage Space charge increased from \$0.0835 to \$0.0842 per MMBTU, also on a monthly basis. During this period, Equitrans completed the majority of the major work planned for the AVC line, although additional smaller projects are planned for future years.

The rate update was approved by the FERC on March 20, 2019.

### **501-G**

#### **RP18-1167**

#### **RP18-1167-001**

#### **RP19-1267**

#### **RP19-1446**

**Summary:** On September 11, 2018, Equitrans requested an extension of its deadline to file form 501-G in compliance with Order 849. The pipeline argued that its current corporate

restructuring was causing an already increased workload and therefore the pipeline required additional time.

On December 28, 2018, Equitrans filed its 501-G in compliance under the same docket number. The worksheet indicated that the pipeline earned an ROE of 18.3% in 2017, which would be 26.1% under the 2018 corporate tax rates, and that the pipeline should reduce rates by 12.4%.

To address the results, the pipeline elected Option 3, an explanation as to why no rate adjustment need be made at this time. Equitrans argued that its ongoing corporate restructuring had a significant impact on its cost structure and that it may or may not remain an MLP several years from now, affecting its tax status. It additionally argued that there should be adjustments to change its equity ratio, increase cost of debt, and add negative salvage. Finally, Equitrans argued that because it has an unusually high percentage of negotiated agreements, most shippers would receive no benefit from the indicated rate reduction.

The Peoples LDCs intervened in these cases and protested Equitrans' proposal to retain all benefits of the corporate income tax reduction. Equitrans reached a settlement with the Peoples LDCs. Please refer to the Direct Testimony of Steven Kolich for more information.

Peoples LDCs filed in support of the settlement on April 24, 2019, and the settlement was approved on May 24, 2019.

### **Change in AVC fuel rate RP19-488**

**Summary:** On February 28, 2018, Equitrans filed to change its fuel rate to a fuel tracker for its AVC system. Prior to this filing measurement did not exist between all Equitrans and Peoples Natural Gas interconnects. The estimated fuel rate was intended to be replaced by a tracker once measurement was installed.

On December 28, 2018, Equitrans filed to adjust the AVC fuel rate from 2.5% to 0% effective February 1, 2019. The rate will now be part of a tracking mechanism adjusted at least annually. The 0% measurement set in this filing was based on only a few months of measured gas at all points, and was to be trued up in the next fuel filing.

The change in retainage rate was accepted by FERC on January 24, 2019.

**Storage Well Abandonments**  
**CP18-549**

**Summary:** On September 21, 2018, Equitrans notified the FERC of its intent to abandon by sale 18 wells in the Swartz field on its mainline system. According to the filing, the abandonment would not affect Equitrans' ability to provide storage services on its mainline.

On October 16, 2018, FERC issued a series of data requests to ensure proper accounting treatment and verify that the 18 wells in question were isolated from the remainder of the Swartz field.

Equitrans responded to the various data requests over several months. FERC approved the abandonment on March 20, 2019.

**Reservation Charge Credits**  
**RP19-1228**

**Summary:** On May 17, 2019, Equitrans filed to revise its General Terms and Conditions to make clarifications to Reservation Charge Credits. The aim of the revised language was to clarify that credits would not be refunded to shippers if failure to deliver was due to untimely nominations, secondary point interruptions, or other factors that are not failures on Equitrans' part. Equitrans provided shippers with the language prior to filing and made changes based on input from the Peoples LDCs to avoid additional uncertainty.

FERC accepted the revised language on June 14, 2019.

**Varying Quantities**  
**RP19-1413**

**Summary:** On July 31, 2019, Equitrans filed revised forms of service agreements and corresponding Tariff revisions to provide Equitrans and its customers the flexibility to tailor individual service agreements while maintaining specificity and minimizing the risk that service agreements will be considered non-conforming. Among other things, the proposed changes allowed for contract quantities to fluctuate throughout the life of a base contract. Peoples LDCs intervened on August 12, 2019, and FERC accepted the revised language on August 15, 2019.

**Sale of Copley Gathering System****RP19-1482****RP19-1483****CP19-504****RP20-272****RP20-273**

**Summary:** On August 22, 2019, Equitrans notified FERC of its intent to abandon by sale its Copley gathering system to Diversified Oil and Gas. Peoples Natural Gas was not affected by the transaction; however, its affiliate, Peoples Gas WV, does purchase gas on that system.

By year end the transaction was completed, and Equitrans amended its tariff to terminate the related gathering service.

**National Fuel Gas Supply Corporation (Peoples Natural Gas only)****501-G (See Section C)****RP19-429**

**Summary:** On December 6, 2018, National Fuel filed its 501-G in compliance with Order 849. The worksheet indicated that the pipeline earned an ROE of 12.2% in 2017, which would be 15.6% under the 2018 corporate tax rates, and that the pipeline should reduce rates by 6.6%.

To address the results, the pipeline elected Option 3, an explanation as to why no rate adjustment need be made at this time. The pipeline committed to filing a Section 4 rate case by July 31, 2019. The filing of a Section 4 rate case would supersede any Section 5 case initiated by FERC. The best option therefore available to FERC is to allow the current rates to continue until the filing of the Section 4.

National Fuel then filed a Section 4 rate increase on July 31, 2019, effectively terminating any rate proceeding resulting from Form 501-G.

**Capacity Release**



**RP19-666**

**Summary:** On February 19, 2019, National Fuel filed to revise its General Terms and Conditions to streamline the capacity release rules. The goal was to reduce the shipper burden of releasing capacity through the pipeline's EBB. It also clarified references to existing shippers. The end process is similar to the more streamlined processes on other pipelines.

No comments were offered by shippers. On March 19, 2019, FERC accepted the revised language.

**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 pipeline plans to aggressively replace pipe due to the PHMSA Mega Rule.

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

Parties negotiated through the end of the year. As of December 31, 2019, the pipeline was still in confidential negotiations with shippers.

**Texas Eastern Transmission, LP (Peoples Natural Gas & Peoples Gas)****Section 4 Rate Case Filing****RP19-343****RP19-343-001**

**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 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 is no longer a contesting party.

The case was still pending as of December 31, 2019.

## SCHEDULE B

CP19-103	Columbia cancelation of exchange agreement between Texas Eastern and Columbia
CP19-104	Texas Eastern cancelation of exchange agreement between Texas Eastern and Columbia
CP19-491	National Fuel FM100 Modernization
CP19-508	National Fuel abandonment of X-9 Rate Schedule
RP19-581	Rager Mountain Storage Co. extension for NAESB Compliance Standards
RP19-582	Equitrans extension for NAESB Compliance Standards
RP19-669	NFG retainage rate tracker
RP19-753	Equitrans AVC storage fuel tracker
RP19-762	Columbia EPCA tracker
RP19-763	Columbia TCRA tracker
RP19-764	Columbia Retainage tracker
RP19-833	Texas Eastern Industrial Markets Expansion
RP19-835	NFG NAESB Compliance Standards
RP19-887	Texas Eastern NAESB Compliance Standards
RP19-889	Texas Eastern Penalty Credit Distribution
RP19-1004	Dominion NAESB Compliance Standards
RP19-1015	Columbia NAESB Compliance Standards
RP19-1043	Columbia OTRA tracker
RP19-1101	Texas Eastern Compliance Filing for Stratton Ridge Project
RP19-1103	Update Attorney of Record on title page

RP19-1191	Columbia TCRA tracker
RP19-1324	Rate schedule FTS conversions from part 157 to part 284
RP19-1342	Texas Eastern Penalty Credit Distribution
RP19-1350	Texas Eastern EPC tracker
RP19-1373	DETI Penalty Revenue Distribution
RP19-1389	Tennessee Gas added new pooling points for STX and Marcellus
RP19-1428	DETI made changes to its GT&C affecting is wet transmission lines in WV
RP19-1451	Equitrans Sunrise retainage tracker
RP19-1453	Texas Eastern abandonment of X-128 tariff service (Columbia Exchange)
RP19-1466	Equitrans update to Gas Quality GT&C
RP19-1497	Texas Eastern Gulf Operational Entitlements
RP19-1585	Texas Eastern Compliance Filing for Lambertville East Project
RP19-1607	DETI unplanned outage report
RP19-1608	NFG PG/GHG tracker
RP19-1637	DETI EPCA tracker
RP19-1638	DETI TCRA tracker
RP20-59	DETI GT&C update allowing operational sales to be transacted on ICE
RP20-69	Texas Eastern OFO Penalty Distribution
RP20-78	Columbia reached settlement with shippers on LNG X rate schedules
RP20-160	Texas Eastern updated its PCB surcharge with the maximum \$5MM spend
RP20-166	Equitrans filed its Operational Sales Report
RP20-170	Texas Eastern updated its ASA (fuel) tracker
RP20-187	Columbia update to OTRA tracker
RP20-205	National Fuel terminates rate schedule X-9
RP20-255	National Fuel updates TSCA tracker, still at \$0
RP20-364	Texas Eastern updated its electric cost tracker
RP20-370	Columbia files penalty revenue credits

## SCHEDULE C

### **PennEast Right of Way**

#### **RP20-41**

**Summary:** Although not affecting the Peoples Natural Gas service territory, a Right of Way dispute on this PennEast project in eastern Pennsylvania and New Jersey has a precedent setting effect on a national level.

At dispute is the right of FERC to condemn state owned property (or properties with a state interest) and whether FERC can delegate this right to a private company (pipeline). Peoples LDCs are monitoring the situation, through trade publications and AGA membership. As of December 31, 2019, the most recent ruling states that PennEast cannot use FERC's authority to condemn state lands and therefore cannot complete its project without state approval, effectively giving each state veto power of FERC rulings.

### **PHMSA Mega Rule**

**Summary:** The AGA was active in 2019 commenting in the PHMSA rulemaking process and keeping its constituents informed of that agency's activity. The final result of a long rulemaking process is the PHMSA Mega Rule. This rule sets a wave of new standards on pipeline operations that is a discussion point in the National Fuel Section 4 rate proceeding and a cause of the expected Columbia Section 4 rate case to be filed in 2020.

The rule provides for a number of safety improvements, but will cause pipelines to either raise rates or add trackers to recover these costs. As of December 31, 2019, most pipelines were not able to fully explain the full rate impact expected due to the amount of regulation covered in the rule.

**Peoples Natural Gas  
1307(f) - 2020**

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Section 53.64(c)(5):

A listing and updating, if necessary, or any projections of gas supply and demand provided to the Commission for any purpose (see 52 Pa. Code § 59.67). 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 is Form-IRP-GAS filed pursuant to the Commission's regulations at 52 Pa. Code § 59.81 for Peoples Natural Gas Company.



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

March 1, 2019

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

**Re: 2019 INTEGRATED RESOURCE PLANNING – Peoples Natural Gas Company LLC**  
**M-2018-**

Dear Secretary Chiavetta:

Enclosed is the original of the Peoples Natural 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 Natural Gas Company LLC  
(Volumes in MMcf)

Combined	Historical Data		Current Year	Three Year Forecast		
	-2 2017	-1 2018	0 2019	1 2020	2 2021	3 2022
Index Year Actual Year						
Firm Sales:						
Retail Residential	40,873	46,426	41,506	41,127	41,127	41,127
Retail Commercial	8,570	8,981	9,284	9,304	9,304	9,304
Retail Industrial	250	287	280	280	280	280
Electric Power Generation						
Exchange with Other Utilities						
Unaccounted For Gas 1/	5,544	4,846	6,341	6,313	6,313	6,313
Company Use 1/	844	854	854	854	854	854
Other (Unbilled Estimate)	-	-	-	-	-	-
Subtotal Firm Sales	56,081	61,394	58,265	57,878	57,878	57,878
Interruptible Sales:						
Retail	-	-	-	-	-	-
Electric Power Generation	-	-	-	-	-	-
Company's Own Plant	-	-	-	-	-	-
Subtotal Interruptible Sales	-	-	-	-	-	-
SUBTOTAL FIRM AND INTERRUPTIBLE SALES:	56,081	61,394	58,265	57,878	57,878	57,878
Transportation:						
Firm Residential 2/	8,747	9,851	8,878	8,784	8,784	8,784
Firm Commercial	19,777	22,323	22,486	22,486	22,486	22,486
Firm Industrial	32,008	34,195	34,414	34,414	34,414	34,414
Interruptible Residential	-	-	-	-	-	-
Interruptible Commercial	-	-	-	-	-	-
Interruptible Industrial 3/	-	-	-	-	-	-
Electric Power Generation	-	1,657	-	-	-	-
Other - Off-System Transportation	60,532	68,025	65,779	65,685	65,685	65,685
Subtotal Transportation	116,614	129,419	124,043	123,562	123,562	123,562
TOTAL GAS REQUIREMENTS						
	116,614	129,419	124,043	123,562	123,562	123,562
Increase (Decrease)		12,805	(5,375)	(481)	-	-
Percent Change (%)		11.0%	-4.2%	-0.4%	0.0%	0.0%

- 1/ Reflects total system unaccounted for gas and company use. Because the historical UFG shown in this report is based on a calendar period calculation it does not accurately reflect actual UFG levels, which should be calculated on a summer-to-summer period.
- 2/ Includes unbilled residential & commercial volumes.
- 3/ Interruptible Industrial Customer is also an Electric Power Generation Customer

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

Index Year	Historical Data		Current Year	Three Year Forecast		
	-2 2017	-1 2018	0 2019	1 2020	2 2021	3 2022
Actual Year						
Gas Supply for Sales Service						
Supply Contracts (Other)	27,160	28,671	30,533	31,328	31,328	31,328
Spot Purchases	21,383	25,120	18,129	18,507	18,507	18,507
Storage Withdrawals	21,355	21,444	17,334	17,234	17,234	17,234
LNG/SNG/Propane Purchases	-	-	-	-	-	-
Company Production	-	-	-	-	-	-
Local Purchases	8,404	7,693	6,323	4,867	4,867	4,867
Exchanges with other LDCs	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Gas Supply for Sales	78,302	82,928	72,319	71,936	71,936	71,936
Total Transportation Service	59,275	73,072	68,959	68,860	68,860	68,860
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	137,578	156,000	141,278	140,796	140,796	140,796
Deductions						
Curtailments	-	-	-	-	-	-
Underground Storage Injections	(20,964)	(23,099)	(17,234)	(17,234)	(17,234)	(17,234)
LNG Liquefaction	-	(1,826)	-	-	-	-
Sales to other LDCs	-	(1,656)	-	-	-	-
Off-System Transport	-	-	-	-	-	-
Total Deductions	-	-	-	-	-	-
NET GAS SUPPLY	116,614	129,419	124,044	123,562	123,562	123,562



FORM-IRP-GAS-2A: NATURAL GAS SUPPLY  
TABLE 2: PEAK DAY SUPPLY  
REPORTING UTILITY: Peoples Natural Gas Company LLC  
(Volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2017	-1 2018	0 2019	1 2020	2 2021	3 2022
Gas Supply for Sales Service						
No - Notice	8	18	77	77	77	77
Supply Contracts (Other)	28	19	449	459	459	459
Spot Purchases	301	444	52	52	52	52
Storage Withdrawals	321	330	393	399	399	399
LNG/SNG/Propane Purchases	0		0	0	0	0
Company Production	0		0	0	0	0
Local Purchases	26	37	33	27	27	27
Exchanges with other LDCs	0	6	0	0	0	0
Other	0		0	0	0	0
Total Gas Supply for Sales	684	854	1003	1013	1013	1013
Total Transportation Service	251	239	253	267	267	267
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	935	1092	1256	1280	1280	1280
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	0	0	0	0	0	0
Off-System Sales	0	0	0	0	0	0
Total Deductions	0	0	0	0	0	0
NET GAS SUPPLY	935	1092	1256	1280	1280	1280

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



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May 31, 2019

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

**Re: 2019 INTEGRATED RESOURCE PLANNING – Peoples Natural Gas Company LLC**  
**M-2019-3006860**

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 Natural Gas Company LLC  
(Volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2017	-1 2018	0 2019	1 2020	2 2021	3 2022
<b>Firm Sales:</b>						
Retail Residential						
Retail Commercial	403	461	539	562	562	562
Retail Industrial	110	89	148	127	127	127
Electric Power Generation Exchange with Other Utilities	2	2	2	3	3	3
Unaccounted For Gas 1/						
Company Use 1/	51	40	86	52	52	52
Other (Off-System/Unbilled Estimate)	10	12	9	9	9	9
Subtotal Firm Sales	576	604	784	753	753	753
<b>Interruptible Sales:</b>						
Retail						
Electric Power Generation						
Company's Own Plant						
Subtotal Interruptible Sales	-	-	-	-	-	-
<b>SUBTOTAL FIRM AND INTERRUPTIBLE SALES:</b>	576	604	784	753	753	753
<b>Transportation:</b>						
Firm Residential	85	99	114	119	119	119
Firm Commercial	151	196	203	271	271	271
Firm Industrial	122	193	156	138	138	138
Interruptible Residential						
Interruptible Commercial						
Interruptible Industrial						
Electric Power Generation	0	0	473	529	529	529
Subtotal Transportation	359	488	1,257	1,282	1,282	1,282
<b>TOTAL GAS REQUIREMENTS</b>	935	1,092	1,257	1,282	1,282	1,282
<b>Increase (Decrease) Percent Change (%)</b>						
		157 17%	164 15%	25 2%	- 0%	- 0%

1/ Reflects total system unaccounted for gas and company use.

FORM-IRP-GAS-2B: NATURAL GAS TRANSPORTATION  
REPORTING UTILITY: Peoples Natural Gas Company LLC  
(Volumes in MMcf)

Index Year Actual Year	Historical Data				Current Year				Three Year Forecast					
	-2		-1		0		1		2		3			
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
City Gate Transportation Contracts:														
Dominion Transmission - FTNN														
Tennessee Gas Pipeline 4/	404	13	1,781	28	9,125	25	9,125	25	9,125	25	9,125	25	9,125	25
Texas Eastern Transmission 4/	1,378	22	2,626	18	5,110	41	5,110	41	5,110	41	5,110	41	5,110	41
National Fuel Gas Supply	1,173	10	695	7	2,190	6	2,190	6	2,190	6	2,190	6	2,190	6
Equitrans Allegheny Valley Connector	20,279	81	32,149	228	42,345	194	42,345	194	42,345	194	42,345	194	42,345	194
Equitrans Mainline Contract	17,419	162	14,361	130	49,947	130	49,947	130	49,947	130	49,947	130	49,947	130
<b>TOTAL</b>	<b>40,653</b>	<b>288</b>	<b>51,613</b>	<b>410</b>	<b>108,717</b>	<b>396</b>	<b>108,717</b>	<b>396</b>	<b>108,717</b>	<b>396</b>	<b>108,717</b>	<b>396</b>	<b>108,717</b>	<b>396</b>
Upstream Transportation Contracts:														
Equitrans	21,849	194	23,793	223	42,345	192	42,345	192	42,345	192	42,345	192	42,345	192
<b>TOTAL</b>	<b>21,849</b>	<b>194</b>	<b>23,793</b>	<b>223</b>	<b>42,345</b>	<b>192</b>	<b>42,345</b>	<b>192</b>	<b>42,345</b>	<b>192</b>	<b>42,345</b>	<b>192</b>	<b>42,345</b>	<b>192</b>
Storage-Related Transportation Contracts:														
Dominion Transmission - FTNN/GSS 3/														
Dominion Transmission - GSS	1,275	8	1,247	5	1,053	10	1,053	10	1,053	10	1,053	10	1,053	10
National Fuel Gas Supply	2,057	24	2,421	19	2,384	38	2,384	38	2,384	38	2,384	38	2,384	38
Equitrans Allegheny Valley Connector	629	8	597	7	716	9	716	9	716	9	716	9	716	9
Equitrans Mainline Storage	5,560	92	6,468	125	41,796	134	41,796	134	41,796	134	41,796	134	41,796	134
Equitrans Mainline Storage	10,180	128	9,721	157	16,797	157	16,797	157	16,797	157	16,797	157	16,797	157
<b>TOTAL</b>	<b>19,701</b>	<b>260</b>	<b>20,453</b>	<b>312</b>	<b>62,746</b>	<b>348</b>	<b>62,746</b>	<b>348</b>	<b>62,746</b>	<b>348</b>	<b>62,746</b>	<b>348</b>	<b>62,746</b>	<b>348</b>

- 1/ For each group of contracts, rank entities in order of magnitude for the current year and include a sheet 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.
- 2/ The volumes shown for Dominion Transmission, Tennessee Gas Pipeline, Texas Eastern and AVC are net of the assignment of some capacity rights to Priority One transportation customers.
- 3/ Reflects firm transportation of gas withdrawn from DTI GSS storage under DTI FTNN/GSS contract.
- 4/ Not all Firm Contract - Includes Delivered Supply

**FORM-IRP-GAS-2C: NATURAL GAS STORAGE**  
**REPORTING UTILITY: Peoples Natural Gas Company LLC**  
(volumes in MMcf)

Index Year	Historical Data				Current Year		Three Year Forecast					
	-2		-1		0		1		2		3	
	2017 2/	Peak	2018 2/	Peak	2019 2/	Peak	2020 2/	Peak	2021 2/	Peak	2022 2/	Peak
Actual Year												
Storage Contracts:1/												
EQT ML Storage	10,180	162	11,473	157	10,943	157	10,943	157	10,943	157	10,943	157
EQT - Allegheny Valley Connector	5,560	92	6,350	127	6,645	134	6,645	134	6,645	134	6,645	134
Dominion Transmission GSS	2,057	32	2,382	38	2,385	40	2,385	40	2,385	40	2,385	40
Peoples Natural Gas	1,521	26	1,530	24	1,471	32	1,471	32	1,471	32	1,471	32
Dominion Transmission FTNN/GSS	1,275	-	1,795	22	1,911	16	1,911	16	1,911	16	1,911	16
National Fuel Gas Supply	618	8	719	8	719	9	719	9	719	9	719	9

Other

<b>TOTAL</b>	21,211	320	24,249	375,58501	24,074	388	24,074	388	24,074	388	24,074	388
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1/ Rank entries in order of magnitude for the current year and include a sheet noting the storage provider and termination date for each contract period. Reporting should proceed along rank ordering until 75% of total is accounted for, or until ten contracts have been listed, whichever occurs first.

2/ The volumes shown for Dominion Transmission, EQT AVC and Peoples' on-system storage exclude the assignment of some capacity rights to Priority One transportation customers.

FORM-IRP-GAS-3: NUMBER OF CUSTOMERS (YEAR END)  
REPORTING UTILITY: Peoples Natural Gas Company LLC

Index Year	Historical Data		Current Year		Three Year Forecast		
	-2 2017	-1 2018	0 2019	1 2020	2 2021	3 2022	
Actual Year Sales Service:							
Retail Residential	478,821	482,435	481,836	482,621	483,406	484,191	
Retail Commercial	32,279	31,485	31,438	31,485	31,532	31,579	
Retail Industrial	81	80	78	78	78	78	
Other	-	-	-	-	-	-	
Subtotal Sales Service	511,181	514,000	513,352	514,184	515,016	515,848	
Electric Power Generation	-	-	-	-	-	-	
Transportation Service	115,045	116,082	116,048	116,048	116,048	116,048	
CUSTOMER TOTAL	626,226	630,082	629,400	630,232	631,064	631,896	
Increase (Decrease)		3,856	(682)	832	832	832	
Percent Change (%)		0.6%	-0.1%	0.1%	0.1%	0.1%	

FORM-IRP-GAS-4A: ANNUAL SUPPLY AND REQUIREMENTS SUMMARY  
REPORTING UTILITY: Peoples Natural Gas Company LLC  
(Volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year 0 2019	Three Year Forecast		
	-2 2017	-1 2018		1 2020	2 2021	3 2022
Gas Supply:						
Supply Contracts 1/						
Spot Purchases	35,955	34,709	36,956	36,195	36,195	36,195
Subtotal Gas Supply	21,383	23,294	18,129	18,507	18,507	18,507
	57,338	58,003	55,085	54,702	54,702	54,702
Transportation	59,275	71,416	68,959	68,860	68,860	68,860
TOTAL GAS SUPPLY	116,614	129,419	124,044	123,562	123,562	123,562
Requirements:						
Firm Requirements						
Interruptible Requirements	56,081	61,394	58,265	57,878	57,878	57,878
Subtotal Firm & Interruptible	56,081	61,394	58,265	57,878	57,878	57,878
Transportation	60,532	68,025	65,779	65,685	65,685	65,685
Load Reductions						
TOTAL GAS REQUIREMENTS	116,614	129,419	124,043	123,562	123,562	123,562
Surplus (Deficiency)	0	0	1	(0)	(0)	(0)

1/ Includes the following other categories of supply: Pipeline Deliveries, Storage Withdrawals, Storage Injections, Local Purchases, and Exchanges with Other LDC's. Refer to IRP Form 2a - Table 1 for specific supply volumes.

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

Index Year Actual Year	Historical Data		Current Year 2019	Three Year Forecast		
	-2 2017	-1 2018		1 2020	2 2021	3 2022
Gas Supply:						
Supply Contracts 1/						
Spot Purchases	383	410	951	962	962	962
Subtotal Gas Supply	301	444	52	52	52	52
	684	854	1,003	1,013	1,013	1,013
Transportation	251	239	253	267	267	267
TOTAL GAS SUPPLY	935	1,092	1,256	1,280	1,280	1,280
Requirements:						
Firm Requirements	576	604	784	753	753	753
Interruptible Requirements	-	-	-	-	-	-
Subtotal Firm & Interruptible	576	604	784	753	753	753
Transportation	359	488	473	529	529	529
Load Reductions	-	-	-	-	-	-
TOTAL GAS REQUIREMENTS	935	1,092	1,257	1,282	1,282	1,282
Surplus (Deficiency)	(0)	(0)	(1)	(1)	(1)	(1)

1/ Includes the following other categories of supply: Storage Withdrawals, Storage Injections, Local Purchases, and Exchanges with Other LDC's. Refer to IRP Form 2a - Table 2 for specific supply volumes.



**Peoples Natural Gas  
1307(f) - 2020**

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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 these changes.

\* \* \* \* \*

Peoples Natural Gas' current fuel procurement practices can best be summarized as follows. It is Peoples Natural Gas' policy to manage its procurement practices to obtain the lowest overall gas cost consistent with Peoples Natural Gas' need to provide reliable service to its customers in the long term while maintaining peak day deliverability. Peoples Natural Gas pursues this policy within the limitations of its facilities and existing contracts. Specifically, the policy allows for making prudent investments to enhance Peoples Natural Gas' facilities where practicable and securing greater flexibility in contracts where possible on an ongoing basis. Therefore, Peoples Natural 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 Natural Gas both on the interstate system and on Peoples Natural Gas' own system.

As part of the acquisition of Equitable Gas in December 2013, Peoples Natural Gas transferred certain storage and transmission assets to EQT and entered into a 20-year contract to purchase most of its annual gas needs from EQT Energy. EQT Energy markets production on the Equitrans Pipeline. The contract has sufficient daily flexibility to allow Peoples Natural Gas to adjust its daily requirement with weather conditions. For additional details surrounding the asset transfer or contract with EQT Energy, please refer to 53.64(c)(1) - Contract Negotiations section.

Peoples Natural 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 experience for new personnel 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 Natural Gas' fuel procurement policy. These personnel receive frequent updates of current trends and new developments within the natural gas industry.

**Peoples Natural Gas  
1307(f) - 2020**

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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 Natural Gas made the following off-system sales.

<b>Off-System Sales</b>	
	<i>Total - Mcf</i>
February 2019	394,287
March	169,974
April	3,228
May	2,889
June	2,478
July	3,157
August	9,440
September	6,859
October	30,635
November	43,277
December	207,452
January 2020	709,857
<b>Total</b>	<b>1,583,532</b>

Refer to the attached for the capacity releases that Peoples Natural Gas made during the historic period. Note that the capacity releases in the attachment do not include capacity released at zero cost to marketers under Peoples Natural Gas' Energy Choice program.

<b>Capacity Releases</b>		
	<u>Dth</u>	<u>Dollars</u>
February 2019	19,650	\$325,600
March	20,650	\$327,750
April	49,150	\$328,160
May	44,650	\$327,194
June	32,650	\$325,325
July	19,150	\$323,798
August	28,750	\$326,464
September	28,650	\$325,100
October	22,850	\$324,028
November	23,450	\$245,360
December	22,650	\$244,680
January 2020	22,650	\$244,680
<b>Total</b>	<b>334,900</b>	<b>\$3,668,139</b>
*Capacity releases are on Equitrans, DTI and TETCO.		
*All dollars presented are in total, before sharing.		

**Peoples Natural Gas  
1307(f) - 2020**

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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 said transportation.

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Peoples had 122,511 transportation agreements in place at year-end 2019. During 2019, Peoples transported 69,268,581 Mcf resulting in \$172,596,268 in transportation revenues.

**Peoples Natural Gas  
1307(f) - 2020**

**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 schedule below depicts calendar year 2019 monthly end-user transportation throughput associated with Peoples' transportation service. 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			
		Residential	Commercial	Industrial	Total
Jan-19	114,898	1,840,340	3,656,396	4,947,224	10,443,960
Feb-19	115,750	1,448,754	3,041,757	4,490,948	8,981,459
Mar-19	120,776	1,348,227	2,800,320	4,846,644	8,995,191
Apr-19	122,132	609,286	1,437,427	2,376,579	4,423,291
May-19	122,714	298,951	941,433	2,196,889	3,437,273
Jun-19	123,265	179,423	733,414	2,308,454	3,221,291
Jul-19	123,103	173,741	723,665	2,440,747	3,338,154
Aug-19	122,528	153,540	664,316	2,466,485	3,284,342
Sep-19	121,834	161,202	733,014	2,531,524	3,425,740
Oct-19	121,427	457,480	1,225,732	2,865,003	4,548,215
Nov-19	121,871	1,191,140	2,639,515	3,216,881	7,047,537
Dec-19	122,511	1,562,919	3,183,863	3,375,346	8,122,128
		9,425,004	21,780,853	38,062,724	69,268,581

**Peoples Natural Gas  
1307(f) – 2020**

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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 Natural 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 Natural Gas storage facility maximum daily injection and withdrawal rates and interstate and intrastate connections.

Peoples Natural Gas has one transportation customer that represents 5% or more of the total system throughput in a month.

## Attachment No. 1

# Peoples Natural Gas 1307(f) - 2020

## Storage Facilities

FACILITY	MAXIMUM <sup>1</sup> WITHDRAWAL RATE - Mcf/Day	DESIGN DAY WITHDRAWAL RATE - Mcf/Day	MAXIMUM <sup>1</sup> INJECTION RATE - Mcf/Day	MAXIMUM <sup>2</sup> CAPACITY - Mcf	MAXIMUM POOL PRESSURE - Psig
Murrysville	40,000	32,000	18,000	984,124	950

## Storage Services

FACILITY	MAXIMUM WITHDRAWAL RATE Dth/Day	MAXIMUM INJECTION RATE Dth/Day	MAXIMUM CAPACITY Dth	EXPIRATION
DTI-GSS	40,000	25,556	4,600,000	3/31/2034
DTI-GSS	40,000	15,845	2,480,000	3/31/2034
NFGS-ESS	9,793	4,404	748,611	3/31/2021
AVC-GSS	200,000	62,000	8,600,000	12/31/2033
EQT-60SS	137,010	74,733	7,473,296	3/31/2034
EQT-115SS	50,536	26,417	5,283,357	3/31/2034

<sup>1</sup> 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.

<sup>2</sup> Total November through March “working” gas capacity (excludes base gas).

PEOPLES NATURAL GAS COMPANY LLC

INTERSTATE OR INTRASTATE CONNECTIONS

		Peoples' Maximum Pressure <u>Psig</u>	Operating Capacity Range of Connection <u>Mcf/Day</u>
<b><u>DTI</u></b>			
Midland		274	0 - 30,000
Stull		600	0 - 60,000
Seven Fields		275	100 - 1,000
Gibsonia	coming thru DTI Ln-35	125	0 - 20,000
Coxcomb		400	0 - 35,000
Oakford		640	0 - 120,000
Elliot		960	0 - 25,000
Limestone Discharge		500	0-9,000
<b><u>TENNESSEE</u></b>			
Pitt Terminal		274	4,000 - 34,000
Pulaski XS-294		50	0 - 3,000
<b><u>TEXAS EASTERN</u></b>			
Rockwood		210	0 - 10,000
Ebensburg		401	0 - 30,000
Claysburg		200	100 - 1,000
Beaver Run (Delmont)		250	0 - 25,000
<b><u>NFG</u></b>			
Slippery Rock		400	100 - 6,000
Grove City		180	1,000 - 7,000
Stoneboro Medium		80	100 - 1,500
Stoneboro Low		1	10 - 100
Bullion		18	20 - 100
<b><u>COLUMBIA OF PA</u></b>			
McKee		18	10 - 150
McKinley		18	10 - 150
Harlansburg		10	10 - 150
East Brook Rd.		33	100 - 900
Chandler		40	300 - 633
New Wilmington		50	1,500 - 4,000
Nilan		50	1 - 100
Mapletown		50	150 - 1,500
Point Marion	Emergency	50	0 - 360
Prospect	Backup	44	0 - 600
Portersville	Backup	44	0 - 500
SouthPointe	Emergency	60	0 - 4,000
<b><u>Peoples Gas</u></b>			
Burtner Road	Backup - into PNG	20	0 - 81
Hannahstown	Backup - into PNG	20	0 - 281
Knoch High School	Backup - into PNG	20	0 - 734
Rebecca Street	Backup - into PNG	81	0 - 1,900
Roenigk Property	Backup - into PNG	81	0 - 3,700
Moorehead Rd.	Backup - into PNG	20	0 - 960
Beaver Street - Mars	Into PG	60	0 - 8,000
Blairsville	Into PNG	180	0 - 5,000



PEOPLES NATURAL GAS COMPANY LLC

INTERSTATE OR INTRASTATE CONNECTIONS

		Peoples' Maximum Pressure <u>Psig</u>	Operating Capacity Range of Connection <u>Mcf/Day</u>
Stoney Run	Bi-directional		
White Township	Into PG	130	0 - 1,000
Tanoma	Backup - into PG		
Fyock Road	Into PG		
ACME	Into PG		
Alcoa	Into PNG	100	0 - 3,000
Chickasaw	Into PNG	40	0 - 6,000
McCullough (Into Shoemaker Comp Sta)	Into PNG	40	0-3,000
Natrona Heights #1 (Into the M-67)	Into PNG	100	0-6,000
Natrona Heights #2 (Into the D-101)	Into PNG	30	0-6,000
Slease (Into Crooked Creek Comp Sta)	Into PNG	60	0-8,000
<b><u>EQUITRANS</u></b>			
ADAMS ST RD 8		50	0 - 1,950
AMERICAN STEEL RD 63		10	3,562
ASHBAUGH PNG IC		100	0-2,000
BALL FARM RD 37		25	143
BEATTYS RD RD 129		25	2,818
BELLE VERNON RD 189		40	386
BRENNAN ROAD (RB 105)		25	10,633
BRUSH RUN RD 100		25	3,282
BUCAR REGULATION AND METERING		400	44,720
BUNOLA RD 183		60	3,760
CAMPBELLS RUN RD RA 166		25	143
CECIL INDUSTRIAL PARK PNG IC		12	1,582
CHESTNUT RIDGE RD 134		15	283
CHURCH HILL RD 266		5	5,189
CLEVER ROAD A RUN RA 111		40	15,210
CLEVER ROAD B RUN RA 111		27	
CLYDE NR 2 (R D 27)		60	
COAL BLUFF RD RD 93		60	10,241
COAL PIT RD RA 99		25	583
COKEBURG NR 1 (R D 118)		60	6,537
CONEMAUGH PNG IC			
COURTNEY NR 1 RD 106			6,482
COYLE CURTAIN RD RD 135		20	13,252
CRAVEN HILLS RD 65			
CROOKHAM RD 47		25	3,562
CROSBY PNG IC FROM TP-4555			
DEAN ROAD (RB 108)		60	6,372
DILLON PNG IC		160	0-3,500
DOUGLAS HILL (DENDRON DR) RA 100		82	
DROUET PNG IC			0-13,000
ELLSWORTH/BLOCKINLIN RD 120		25	5,712
EMERALD MINE BATH HOUSE		14"WC	5,130
ENGLISH ROAD (RB 106)		15	5,471
EVERGREEN RD - 133			
FAWCETT RD 91		15	2,808
FLAUGHERTY RUN PNG IC			
FREEPORT ROAD (RB 109)		25	8,608
GALLERY SHOPPES PNG IC		60	0-300

PEOPLES NATURAL GAS COMPANY LLC

INTERSTATE OR INTRASTATE CONNECTIONS

	Peoples' Maximum Pressure <u>Psig</u>	Operating Capacity Range of Connection <u>Mcf/Day</u>
GAMBLE FARM PNG IC		
GASTONVILLE D120 A CARNEGIE	25	14,037
GASTONVILLE D120 B CARNEGIE	25	12,281
GASTONVILLE D147 A MARLAND ST	25	15,210
GASTONVILLE D147 B MARLAND ST	15	15,210
GIBSON PNG IC		
GIBSON PNG IC T-18		
GIRTY PNG IC ROTARY METER FROM TP-371		
GIRTY PNG IC USM FROM TP-371		
GREENFIELD RA 14 (BRUMAGE RD)	15	
GREENGATE MALL PNG IC	50	0-600
GREENLEE RD 132	25	3,760
HANSON AGGREGATES		
HARMONY RD (TO PERRYMONT) A RUN	60	3,229
HARMONY RD (TO PERRYMONT) B RUN	25	16,934
HAWKEN FARM RD 188	25	26,232
HAWS PIKE PNG IC	43	1,500
HEATH ROAD PNG IC	25	0
HILL TOP RD RA 102	25	6,683
HOLLIDAY PROPERTY PNG IC	80	0-4,800
HUNDRED GARRISON M S		
HUNDRED GARRISON MS		
HUPP FARM RD 31	25	10,347
INGRAM FARM RD 187	25	10,347
JOHNSON ST RD 116	60	8,530
Jones Farm USM A Run	500	
Jones Farm USM B Run	500	
KEARNS FARM RD 3	12	386
LIGGET RD 57	60	7,335
LONG FARM RD 43	60	7,348
LYTLE RD RD 182	30	32,213
MADEY EAST 2ND AVENUE PNG IC	1	0-100
MAYAK FARM RD 122	30	
MAYVIEW CUSTODY	30	4,176
MCCREERY FARM PNG IC		
MCKEESPORT STATION	600	0 -115,000
MCKEESPORT STATION 1		
MITCHELL FARM RD 125	30	4,142
MONONGAHELA RD 12 WALNUT ST MON	30	2,070
MOON RUN RA 105	30	0-8,000
MOREDOCK	25	
MOTYCKI RD 222	60	31,646
N ALLEGHENY A RUN RB 92	25	6,683
N ALLEGHENY B RUN RB 92	25	
NEELY SCHOOL RD RB 39	22	
NELSON FARM RD 139	17	
OAK RIDGE	99	
ORNDOFF FARM RD 169 RUN A	13	
ORNDOFF FARM RD 169 RUN B	20	
PARDUS PNG IC	80	
PIGEON CREEK		

PEOPLES NATURAL GAS COMPANY LLC

INTERSTATE OR INTRASTATE CONNECTIONS

	Peoples' Maximum Pressure	Operating Capacity Range of Connection
	<u>Psig</u>	<u>Mcf/Day</u>
PNG - HIMSEL	400	0 - 50,000
PNG- SMAIL	400	0 - 25,000
PNG VINCO INTERCONNECT RUN 1	401	0 - 132,000
PNG VINCO INTERCONNECT RUN 2		
PRATT TRANS TO FIELD (GOODWIN)		
QUAKER SALES PNG IC	50	80
RADEBAUGH PNG IC	30	4,800
REED PNG IC	80	11,000
REESE GATES SEGMENT CHECK		
REIS RUN A RUN RB 55	60	
REIS RUN B RUN RB 55	60	4,462
RITKO PNG IC		
ROBERTS FARM		
ROBIN STATION ROAD PNG IC	80	2,500
ROLLING MEADOW RD 190	25	14,730
ROOSEVELT RD RB 104 A RUN	25	3,295
ROOSEVELT RD RB 104 B RUN	14"WC	5,842
ROUTE 837 RD 64	25	3,236
RUSSELL INDUSTRIES PRESTLEY RD	25	305
SELLERS	60	3,699
SEVEN SPRINGS PNG IC	401	0-15,000
SIENNA WOODS PNG IC	60	0-10,000
SPRINGER ROAD PNG IC	40	6,500
ST VINCENT GROVE PNG IC	80	17,500
STATE CORRECTIONAL INSTITUTE	60	1,397
STILLEY HEIGHTS RD 133	60	1,065
STONEBRIDGE PNG IC	60	720
SWEENEY STATION ROOTS METER		
SWEENEY STATION TURBINE	44	3,300
Tepe Distribution A Run	140	120,000
Tepe Distribution B Run	100	14,400
Tepe Distribution C Run	100	24,000
THISTLEWAITE	40	2,200
THOMAS ROAD CHURCH PNG IC		
TOMBAUGH	99	
WARRENDALE ROAD (RB 107)	140	14,400

**Peoples Natural Gas  
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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 further changes are made in the final filing, they will be fully explained and justified through testimony.

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

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

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Section 53.64(c)(12):

A schedule depicting the most recent five year consecutive three day peak data by customer class, including time and date of each day's peak, volumetric throughput by customer class (including end-user transportation throughput), gas interruptions, high low and average temperature during each day of the three day peak.

\* \* \* \* \*

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

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

HEATING SEASON	CONSECUTIVE THREE-DAY PEAK	TEMPERATURE DEGREES (F)			VOLUMES									
		HIGH	AVG.	LOW	Retail					Transportation				
		RS	SGS	MGS	LGS	RS	SGS	MGS	LGS	RS	SGS	MGS	LGS	CU & UFG TOTAL
2018-2019	Jan. 30	466,082	59,132	33,555	1,240	97,638	41,301	132,488	274,637	56,990	1,163,063			
	Jan. 31	414,152	52,544	29,816	1,101	86,760	36,699	117,727	244,038	50,640	1,033,477			
	Feb. 1	385,890	48,958	27,782	1,026	80,839	34,194	109,693	227,384	47,185	962,951			
2017-2018	Jan. 4	419,291	47,652	27,040	999	90,185	33,282	106,765	221,316	47,361	993,891			
	Jan. 5	461,275	52,412	29,742	1,099	99,215	36,607	117,431	243,426	52,102	1,093,309			
	Jan. 6	455,593	51,768	29,376	1,085	97,993	36,157	115,988	240,434	51,461	1,079,856			
2016-2017	Jan. 6	348,501	41,421	23,505	868	74,566	28,930	92,805	192,378	41,448	844,422			
	Jan. 7	367,254	43,650	24,769	915	78,579	30,487	97,799	202,729	43,679	889,861			
	Jan. 8	387,984	46,114	26,168	967	83,014	32,208	103,319	214,173	46,146	940,093			
2015-2016	Feb. 11	371,034	43,814	24,863	918	81,296	30,602	98,167	203,492	45,950	900,136			
	Feb. 12	361,720	42,714	24,239	895	79,255	29,833	95,703	198,384	44,798	877,541			
	Feb. 13	403,314	47,626	27,026	998	88,368	33,264	106,708	221,196	49,944	978,444			
2014-2015	Feb. 18	414,669	45,098	25,591	945	91,183	31,499	101,044	209,457	36,780	956,266			
	Feb. 19	488,484	53,156	30,164	1,114	107,415	37,126	119,098	246,881	43,327	1,126,765			
	Feb. 20	445,021	48,412	27,472	1,015	97,857	33,813	108,468	224,845	39,472	1,026,374			

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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.

\* \* \* \* \*

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

Peoples Natural 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, type of day (weekday/weekend) and a binary cold weather variable for the previous day at above 46 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 the regression model, the Company calculated total design day requirements using an average daily temperature of minus 9 degrees Fahrenheit, which had been approved by the Commission in prior Peoples Natural Gas 1307(f) proceedings.

The calculated total design day requirements are then allocated to rate classes (RS, SGS, MGS LGS) based on historical normalized usage factors for base load and heat load.

Refer to Peoples Natural Gas Exhibit No. 1 for the Company's currently calculated design day and Peoples Natural 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 Natural Gas' response to 53.64(c)(12) provides the most recent five-year history of consecutive three-day peak demand experienced on the combined system, as broken down by customer class. Projected design peak usage by customer class is presented as part of Peoples Natural Gas Exhibit No. 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 Natural Gas on the interstate pipeline system, the details of which are set forth in the Peoples Natural Gas responses to 53.64(c)(1) and (6), are needed to meet the peak demand requirements of the Company's 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 Natural Gas Statement No. 2.



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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 Natural Gas' 1307(f)-2019 proceeding. Also refer to the response to 53.64(c)(6) in this proceeding.

PEOPLES NATURAL GAS COMPANY  
Gas Cost Revenues and Expenses  
February 2019 through January 2020

		<u>Purchased Gas Revenues</u>	<u>Purchased Gas Expenses</u>	<u>Over / (Under) Collections</u>
February	2019	\$51,342,919	\$39,555,842	\$11,787,077
March		\$46,239,601	\$39,294,465	\$6,945,136
April		\$17,837,442	\$15,514,811	\$2,322,630
May		\$8,845,812	\$9,642,064	(\$796,251)
June		\$5,701,232	\$9,975,209	(\$4,273,977)
July		\$4,974,869	\$8,430,691	(\$3,455,822)
August		\$4,698,154	\$9,591,842	(\$4,893,688)
September		\$4,831,312	\$10,267,832	(\$5,436,521)
October		\$12,371,896	\$11,630,816	\$741,079
November		\$32,452,665	\$33,111,153	(\$658,488)
December		\$42,605,324	\$34,375,799	\$8,229,525
January 1/, 2/	2020	<u>\$39,980,333</u>	<u>\$31,965,055</u>	<u>\$8,015,278</u>
		<b><u>\$271,881,559</u></b>	<b><u>\$253,355,580</u></b>	<b><u>\$18,525,979</u></b>

1/ January 2020 revenues and expenses are estimated.

2/ Gas cost revenues and expenses do not reflect the LIFO to WACCOG credit that is being flowed back to ratepayers from January - March 2020. Those amounts will be reconciled separately as per the PUC Order in Docket No. P-2019-3007889.

See below for January 2020 activity with estimated credit expenses.

	<u>Credit Revenues</u>	<u>Credit Expenses</u>	<u>Over / (Under) Collections</u>
January 2020	(\$3,928,269)	(\$4,326,808)	\$398,539
<b>Total Feb 2019-Jan 2020</b>	<b>\$267,953,290</b>	<b>\$249,028,772</b>	<b>\$18,924,518</b>

## Peoples Natural Gas 1307(f) - 2020

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

Whenever a Section 1307(f) gas utility purchases gas, transportation or storage from an affiliated interest, as defined at 66 Pa. C.S. §2101, it must, in addition to the normal submission expected of a Section 1307(f) gas utility, file evidence to meet its burden under 66 Pa. C.S. §1317(b). The evidence, to be filed 60 days prior to the filing of a Section 1307(f) tariff, shall include, but not be limited to, 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 Section 53.64, the utility need only designate information which applies to affiliated interest.

#### **Response:**

Peoples Natural Gas Company LLC ("Peoples Natural Gas") purchases gas, transportation or storage from an affiliated interest, as defined at 66 Pa. C.S. §2101, in only one limited circumstance where no other viable option exists. The purchase is as follows:

Peoples Natural Gas currently purchases gas transportation service from its affiliate, Peoples Gas Company LLC ("Peoples Gas"), pursuant to a Gas Transportation Service Agreement under Rate Schedule LGS. This Gas Transportation Service Agreement was originally entered into by Equitable Gas Company ("Equitable") (which has since been acquired by Peoples Natural Gas) and Peoples TWP LLC (which is now Peoples Gas). Therefore, the transportation service that Peoples Natural Gas purchases from Peoples Gas pre-dates the acquisition of the former Equitable and has been in place for many years. As a result of Peoples

## Peoples Natural Gas 1307(f) - 2020

Natural Gas' acquisition of Equitable in December 2013, this service became an affiliated arrangement between Peoples Natural Gas and Peoples Gas.

This service enables Peoples Natural Gas to transport gas, acquired from an independent third party, across the Peoples Gas system for delivery into the Peoples Natural Gas system. The currently effective rate includes a \$0.14 Volumetric Delivery Rate per Mcf, full retainage and full balancing. In addition, a monthly Customer Charge (i.e. demand charge) of \$7,500 applies. Comparable service would be difficult to obtain considering the critical supply delivery points that Peoples Gas offers into the Peoples Natural Gas system.

While not being *purchases* of gas, Peoples Natural Gas and Peoples Gas are parties to various affiliated interest, natural gas exchange agreements filed with and approved by the Commission. The agreement filed at Docket No. G-2011-2265150 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. 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. This 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

**Peoples Natural Gas  
1307(f) - 2020**

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. The parties to that proceeding reached a settlement to resolve all issues, which was approved by the Commission on December 18, 2014.

Peoples Natural Gas and Peoples 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.