Volume 1

Philadelphia Gas Works

Before The

Pennsylvania Public Utility Commission

Computation of Annual Purchased Gas Costs For Twelve Months Ending August 31, 2019

66 Pa.C.S. § 1307(f)

Information Submitted Pursuant To:

66 Pa.C.S. §§ 1307(f), 1317, 1318 and 52 Pa. Code § 53.61, et seq.

February 1, 2018

Philadelphia Gas Works 1307f - 2018 Prefiling

Table of Contents

	<u>Tab</u>
53.64 (c) (1)	#1
53.64 (c) (3)	#2
53.64 (c) (4)	#3
53.64 (c) (5)	#4
53.64 (c) (6)	#5
53.64 (c) (7)	#6
53.64 (c) (8)	#7
53.64 (c) (9)	#8
53.64 (c) (10)	#9
53.64 (c) (11)	#10
53.64 (c) (12)	#11
53.64 (c) (13)	#12
53.64 (c) (14)	#13
53.64 (i) (1)	#14
53.65 (1)	#15
53.65 (2)	#16
53.65 (3)	#17
53.65 (4)	#18
53.65 (5)	#19
1317 (a) (1)	#20
1317 (a) (2)	#21
1317 (a) (3)	#22
1317 (a) (4)	#23
1317 (b) (1)	#24
1317 (b) (2)	#25
1317 (b) (3)	#26
1317 (c) (1)	#27
1317 (c) (2)	#28
1317 (d)	#29
1318 (a) (1)	#30
1318 (a) (2)	#31
1318 (a) (3)	#32
1318 (a) (4)	#33
1318 (b) (1)	#34
1318 (b) (2)	#35
1318 (b) (3)	#36
1318 (c)	#37



Philadelphia Gas Works

Pennsylvania Public Utility Commission 52 Pa. Code §53.61, et seq.

- Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:
 - (1) A complete list in schedule format of each spot and each long term source of gas supply, production, transportation and storage, used in the past 12 months, which 12-month period shall end 2 months prior to the date of the tariff filing, separately setting forth on a monthly basis the quantity and price of gas delivered, produced, transported or stored, maximum daily quantity levels, maximum annual quantity levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and copies of Federal tariffs and contract provisions relating to the purchases—including demand and commodity components. With regard to each contemplated future source of supply, production, transportation or storage, during each of the next 20 months for each source, provide the name of the source, the maximum daily quantity, the maximum annual quantity, the minimum take levels, a detailed description of warrantee or penalty provisions, including liquidated damages, take or pay provisions or minimum bill or take provisions of the purchases, balancing provisions and contractual or tariffed terms of the purchases, copies of applicable Federal tariffs, the expiration date of each contract, the date when each contract was most recently negotiated and the details of the negotiation—such as meeting held, offers made, and changes in contractual obligation—and whether current proceedings, negotiations or renegotiations are pending before the Federal Energy Regulatory Commission, and the like, to modify the price, quantity or another condition of purchase, and if so, the details of the proceedings, negotiations or renegotiations. Gas supply sources which individually represent less than 3% of the total system supply may be shown collectively, such as other local gas purchases.

Response:

The attached schedules described herein below, contain details of the requested information. Information concerning PGW's Transportation and Storage contracts are addressed in section 53.64(c)(3).

Schedule 1 – Twelve (12) month purchased gas costs expressed in terms of volumes and dollars for the period January 1, 2017 to December 31, 2017. Actual data is provided for the eleven (11) months ending November 30, 2017 and actual/estimated data for the one (1) month ending December 31, 2017. Actual data for the twelve (12) months ending December 31, 2017 will be provided in the 1307f filing of March 1, 2018.

Schedule 2 – Actual capacity release credits by pipeline by month for the period January 1, 2017 through December 31, 2017.

Schedule 3 - Twenty (20) month forecasted summary of total fuel purchased for the period January 1, 2018 through August 31, 2019 will be provided in the 1307f filing of March 1, 2018.

Schedule 4 – Twenty (20) month forecast of capacity release credits by pipeline by month for the period January 1, 2018 through August 31, 2019 will be provided in the 1307f filing of March 1, 2018.

Schedule 5 - 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.

1307F 53.64 C1-Schedule 1 Page 1 of 11

Philadelphia Gas Works Summary Of Total Purchased

		Jan-17	Feb-17	Mar-17	Apr-17	Mav-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	ESTIMATE Dec-17
Williams Texas Eastern Dominion	~ ~ ~	2,789,368 \$ 2,480,503 \$ 138,212 \$	2,490,585 \$ 2,490,534 \$ 129,389 \$	2,679,285 \$ 2,363,758 \$ 130,230 \$	2,574,446 \$ 2,500,500 \$ 120,435 \$	2,671,644 \$ 2,389,548 \$ 132,670 \$	2,562,398 \$ 2,442,116 \$ 130,809 \$	2,639,026 \$ 2,441,985 \$ 136,748 \$	2,622,521 \$ 2,326,816 \$ 136,748 \$	2,541,408 \$ 2,390,439 \$ 131,747 \$	2,592,216 \$ 2,730,779 \$ 124,819 \$	2,257,365 \$ 2,074,421 \$ 124,653 \$	2,447,539 2,013,447 136,834
Spot Purchases -Transco Spot Purchases -Transco Spot Purchases -Tetco	s, s,	137,057 \$	63,467 \$	181,037 \$	27,410 \$	20,808 \$	10,512 \$	4,459 \$	5,183 \$	3,672 \$. .	27,212 \$	27,212
Transco Supply2 Transco Supply3	ø	•	,	9	417,000 \$	440,200 \$	423,000 \$	368,900 \$	350,300 \$	\$ 000'698	\$ 006,898	,	•
Transco Supply6	•	604,113 \$	467,250 \$	394,863 \$	415,500 \$	438,650 \$	421,500 \$	367,350 \$	348,750 \$	367,500 \$	\$ 052,350	•	
Transco Supply8 Transco Supply10	w w	2,684,375 \$ 1,106,700 \$	1,845,179 \$ 999,600 \$	1,685,267 \$ 1,106,700 \$	189,529 \$	1,207,314 \$	438,650 \$	459,550 \$	451,225 \$	236,945 \$	6,200 \$	2,501,474 \$	2,781,192
Transco Supply14 Transco Supply14 Transco Supply17	ø	1,119,550 \$	466,340 \$	516,685 \$	421,500 \$	430,435 \$	430,650 \$	418,810 \$	403,620 \$	389,400 \$	404,395 \$	832,500 \$	475,075
Transco Supply21 Transco Supply23 Transco Supply23	% %	2,199,355 \$ 604,113 \$	1,424,096 \$ 467,250 \$	1,660,913 \$ 394,863 \$	679,980 935,250	1,391,460 \$ 969,913 \$	439,775 \$ 950,250 \$	460,713 \$ 904,425 \$	452,388 \$ 904,425 \$	238,245 \$ 878,250 \$	318,955 \$ 907,525 \$	1,668,229 \$	2,054,170
Transco Supply26 Transco Supply26 Transco Supply26 Transco Supply27	•	1,207,450 \$	\$ 008'8866	790,500 \$	9	.	.	•	s	•	5	5	•
Transco Supply28 Transco Supply30	"	1,212,100 \$ 602,950 \$	943,880 \$ 466,200 \$	808,170 \$ 395,250 \$	99	49 49	69 69 1 1	99 99	69 69 1 1	99 99	69 69	829,050 \$ 1,252,125 \$	908,920 2,026,388
Transco Supply32 Transco Supply33 Transco Supply33 Transco Supply34 Tetco Supply1	•	59	.	99	420,000 \$	443,300 \$	426,000 \$	372,000 \$	353,400 \$	372,000 \$	372,000 \$	809,250 \$	- 947,825 186,950
Tetco Supply2 Tetco Supply3	•	592,043 \$	459,200 \$	\$ 050'688	69	•	•	•	به	49	69	↔	•
Tetco Supplys Tetco Supply7 Tetco Supply13	•	255,450 \$	•	\$	353,250 \$	359,910 \$	362,400 \$	348,285 \$	333,095 \$	321,150 \$	333,870 \$	\$ 005'829	1,167,150
Tetco Supply14 Tetco Supply16 Tetco Supply17	69	1,054,775 \$	\$ 006'28	642,475 \$	400,875 \$	400,288 \$	399,375 \$	277,838 \$	262,338 \$	243,375 \$	163,138 \$,	•
letco Supply/8 Tetco Supply/9 Tetco Supply/20 Tetco Supply/21 Tetco Supply/22	•	592,875 \$	459,900 \$	388,275 \$.	69		49			.	.	•
Tetco Supply23 Tetco Supply24 Tetco Supply25	•	2,317,660 \$	1,827,510 \$	1,573,360 \$	1,431,266 \$	1,836,919 \$	1,613,715 \$	1,011,168 \$	887,003 \$	\$ 526,927	489,413 \$	1,197,650 \$	1,716,500
Tetco Supply26	s	2,713,336 \$	1,757,046 \$	1,926,438 \$	1,352,699 \$	1,286,747 \$	685,550 \$	413,885 \$	313,340 \$	257,860 \$	246,388 \$	1,050,266 \$	1,158,852
Tetco Supply28 Tetco Supply29	69	1,057,100 \$	840,000 \$	644,800 \$	400,875 \$	400,288 \$	399,375 \$	277,838 \$	262,338 \$	243,375 \$	163,138 \$	677,250 \$	1,164,903
Tetco Supply 31 TOTAL COSTS Storage Injection Storage Withdrawal	~ ~ ~ ~	593,650 \$ 26,062,734 \$ 13,111 \$ 96,740 \$	460,600 \$ 19,829,726 \$ 19,570 \$ 69,243 \$	389,050 \$ 19,060,967 \$ 11,074 \$ 87,681 \$	- \$ 12,640,516 \$ 24,523 \$ 16,626 \$	- \$ 14,820,093 \$ 62,457 \$ 3	- \$ - 12,136,075 \$ 60,210 \$ - \$	10,902,978 \$ 63,316 \$ - \$	- \$ 10,413,488 \$ 52,537 \$	9,741,341 \$ 41,123 \$ 5	9,589,085 \$ 21,199 \$ 2,133 \$	- \$ - 16,664,947 \$ 27,517 \$ 18,283 \$	2 0,384,756 11,757 96,510

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ge 2 of 11	1307F 53 64
Page	2

Philadelphia Gas Works

1307F 53.64 C1-Schedule 1					Volumes	Volumes Purchased	9				•	
Volume Spot Purchases - Transco Spot Dem-Transco	Jan-17 44,970	Feb-17 18,893	Mar-17 77,612	Apr-17 10,375	May-17 7,839	June-17 5,112	July-17 1,985	Aug-17 2,671	Sep-17 2,039	0ct-17	Nov-17 10,598	Dec-17 10,598
Spot Purchases -Tetco Spot for Resale	44,970	18,893	77,612	10,375	7,839	5,112	1,985	2,671	2,039	85	10,598	10,598
Elrm Contracts Transco Supply2 - Dem Commodity Transco Supply3 - Dem	£	¥°	٠	150,000	155,000	150,000	155,000	155,000	150,000	155,000	¥	r.
Commodity Transco Supply6 - Dem												
Commodity Transco Supply8 - Dem	155,000	Si .	155,000 620,000	150,000	155,000	150,000	155,000	155,000	150,000	155,000		
Commodity Transco Supply® - Dem	155,000 620,000	137,527 560,000	155,000 620,000	600,000	620,000	000,009	620,000	620,000	000,009	620,000	000'009	620,000
Transco Supply10 - Dem Commodity	310,000	280,000	310,000	90710	380,024	000 100	000'661	000,000	000,000	. 14	214,010	000,000
Transco Supply14 - Dem Commodity	155,000	140,000	155,000	145,000	155,000	150,000	155,000	155,000	150,000	155,000	300,000	155,000
Transco Supply14 - Dem Commodity	160,000	000 002	40,000	5,000		, , , , , , , , , , , , , , , , , , , ,	, 375	- 377	- 250 000	- 277	,	. 325
I ransco supply 22 - Dem Commodity Transco Supply 3 - Dem	671,053	495,468	285,000	222,545	451,339	150,000	155,000	155,000	80,000	111,244	555,618	744,382
Commodity Transco Supply 23 - Dem	155,000	140,000	155,000	284,400	155,000	300,000	310,000	310,000	300,000	310,000		2001
Commodity		•		15,600	155,000	·	*	ø		*:	•	85
Commodity Commodity	155,000	140,000	155,000	•	*		•	¥			3.	,
I ransco suppyza - Dem Commodity Transco Sundv28 - Dem	155,000	140,000	155,000		*		9			()	<i></i>	
Commodity	465 000	440 000	455 000							63	10	18
Commodity Tennon Commodity	199,000	140,000	000,661							• к	150,000	155,000
Commodity	155,000	140,000	155,000		3.83			v	ř	,	150,000	155,000
Commodity Transco Supply30 - Dem	155,000	140,000	155,000	•			3	83		0	300,000	371,412
Commodity Transco Supply30 - Dem	888	•	•		50	£	6	æ	6	•	150,000	155,000
Commodity Transco Supply33 - Dem	•				£		3 0	72	×			155,000
Commodity Transco Supply32 - Dem												
Commodity Transco Supply32 - Dem	22	•	•	150,000	155,000	150,000	155,000	155,000	150,000	155,000	200	5007
Commodity Tansco Supply34 - Dem	•				ti		20	¥3		**	300,000	310,000
Commodity Tetro Sunabit - Dem	٠	×			*	36	·	Sic.	٠	×	*	70,000
Commodity Tetro Surely3 Dem												
Commodity	154,985	140,000	155,000		10	es		23	(20)	6	68	6
Commodity	80,000	140,000		150,000	155,000	150,000	155,000	155,000	150,000	155,000	450,000	465,000
Commodity	310,000	280,000	310,000	150,000	155,000	150,000	155,000	155,000	150,000	155,000		35
Commodity	155,000	140,000	155,000		2	.9	Sq.	3	9	39 3	, 000	. 397
Commodity	310,000	280,000	230,000	90,636	235,212	217,000	92,000	62,000	26,000	e e	300,000	425,000
Commodity	310,000	280,000	310,000	300,000	310,000	300,000	310,000	310,000	300,000	310,000	150,000	155,000
Commodity	155,000	140,000	155,000	150,000	155,000	150,000	155,000	155,000	150,000	155,000	150,000	155,000
Commodity	250					8.0			٠		450,000	465,000
Commodity Total Suretife Par	701,914	495,510	585,000	351,666	326,860	150,000	70,000	31,000	13,000	76,583	433,275	529,262
Commodity Total Commodity	155,000	140,000	155,000	149,167	155,000	150,000	155,000	155,000	150,000	155,000	×	×
Commodity Takes Supply to Dem	310,000	280,000	310,000	150,000	155,000	150,000	155,000	155,000	150,000	155,000	450,000	465,031
Commodity Tetco Supply30- Dem												
Commodity Tetco Supply31- Dem	466 000	000 07+	455 000			į	ĺ	í	î	1	,	,
Commodity	000,661	140,000	000,001				ĸ	r		r.	•2	

1307F 53.64 C1-Schedule 1 Page 3 of 11

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ESTIMATE Dec-17 \$ 2.5677 2.9990 0.0100 2.8650 3.0575 2.5100 2.5100 2.5100 1.5200 0.0100 3.0650 0.0075 2.9905 2.8550 2.6707 3.0525 2.1896 2.5050 0.0100 0.0100 0.0075 2.8770 2.8500 2.7538 2.8400 2.6975 1.5100 1.5100 1.5100 2.4240 2.7750 1.5050 Oct-17 2.3800 0.0t00 2.7975 2.1540 1.0525 1.0525 1.0525 1.0719 0090 .0525 Sep-17 0.0100 2.4600 0.0100 2.1410 1.8225 .0327 1.8225 6225 0277 6300 1.8225 2,5960 2,9275 Aug-17 0.0100 0.0100 2.1490 1.6925 1,6127 1.6925 1.6925 1.6077 1,7000 2.2600 2.6040 2.9175 1.6925 July-16 2.2462 0.0100 1.9310 0.0100 2.2470 1.7925 2.3800 2,7020 2.9175 2.4000 1.7925 1.7925 9269 8000 7925 June-17 2.0563 0.0100 2.8400 2.4160 2.6625 1.9152 2.6625 2.6625 2.8700 2.8200 0.0100 3.1675 1.9003 2.6625 0.0100 0.0100 3.0658 2.5825 2.7042 2.5825 2.5825 2.7770 3.0575 2.8600 2.3220 2.7085 2.5900 3.2000 2.8100 0.0100 3.0218 2.5226 2.8725 2.7800 0.0100 2.9971 2.8100 3.1175 3.1175 2,8000 2.3550 2,6725 2.8725 2.7098 2.6800 2.8725 2.8222 2.0800 2.5100 2.6170 0.0100 2.8304 2.9700 0.0100 2.8259 2,5475 2.5525 2,5475 2,5745 2.6395 2,5500 2.0725 2,5050 2,0850 2.8274 2,0800 3.5700 2.5670 * 3.3593 3.2900 3.3810 0.0100 2.1905 0.0100 3,3325 2.4764 3.0050 2.0800 3.5700 3.3375 3.3375 3.3385 3.4035 3.3300 2,9925 3,0000 3.3310 Jan-17 3.0478 3.9200 0.0100 3.2607 3.2481 0.0100 3.2659 3.8975 3.8925 3.8975 3.8775 3.9425 3.8900 3,4025 3.8250 3.4150 3.0185 2.0800 3.0215 3.8225 3,8300 3.9200 3.5700 3.8200 3.1931 3.8700 3.4100 Rate - \$
Spot Purchases - Transco
Spot Dem - Transco
Spot Purchases - Tetco
Spot for Resale Commodity
Transco Supply29 Dem
Commodity
Transco Supply29 Dem
Commodity
Transco Supply30 Dem
Commodity
Transco Supply30 Dem
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Transco Supply30 Dem
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Transco Supply30 Dem
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Transco Supply31 Dem
Commodity Transco Supply3 - Dem Commodity Transco Supply6 - Dem Commodity Transco Supply8 - Dem Commodity Transco Supply8 - Dem Commodity Transco Supply10 - Dem Commodity Commodity
Transco Supply22 Dem
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Transco Supply23 Dem
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Transco Supply34 - Dem Commodity
Tetco Supply1 - Dem Commodity
Tetco Supply1 - Dem Commodity
Tetco Supply1 - Dem Commodity
Tetco Supply16 - Dem Commodity
Tetco Supply16 - Dem Commodity
Tetco Supply18 - Dem Commodity
Tetco Supply18 - Dem Commodity
Tetco Supply24 - Dem Commodity
Tetco Supply24 - Dem Commodity
Tetco Supply26 - Dem Commodity
Tetco Supply29 - Dem Commodity
Tetco Supply29 - Dem Commodity
Tetco Supply30 - Dem Commodity
Tetco Supply30 - Dem Commodity
Tetco Supply31 - Dem Commodity Firm Contracts
Transco Supply2 - Dem
Commodity Fransco Supply32 - Dem Commodity ransco Supply14 - Dem ransco Supply14 - Dem ransco Supply26 - Dem

1307F 53.64 C1-Schedule 1 Page 4 of 11					Philadelph Cost Of Fu	Philadelphia Gas Works Cost Of Fuels Purchased	ė					'	1
Amounts - \$		Jan-17	Feb-17	Mar-17	Apr-17	May-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Spot Tensco Tiensoo	•			200,101			¢ 716'01	PROF'S				\$ 717.17	212.12
Spot for Resale	s,	137,057 \$	63,467 \$	181,037 \$	27,410 \$	20,808 \$	10,512 \$	4,459 \$	5,183 \$	3,672 \$		27,212 \$	27,212
Firm Contracts Transco Supply2 - Dem	٠		,	. .	447 000 6	440.200	733 000	968 000	350 300	900000	900000	9)	
Transco Supply3 - Dem Commodity	•			•		* 007'01		006,000	9 000'000	000,500	\$ 006,300		į
Transco Supply6 - Dem Commodity Transco Supply8 - Dem	ø	604,113 \$	467,250 \$	394,863 \$	415,500 \$	438,650 \$	421,500 \$	367,350 \$	348,750 \$	\$ 005'298	367,350 \$		
Commodity Transco Supply6 - Dem	"	607,600 \$	464,979 \$ 5,600 \$	405,635 \$ 6,200 \$	\$ 000'9	6,200 \$	\$ 000°9	6,200 \$	6.200 \$	\$ \$ - 000'9	6.200 \$	\$ 000 \$ 000 \$	6.200
Commodity Transco Supply10 - Dem	je G	2,070,575 \$	1,374,600 \$	1,273,432 \$	183,529 \$	1,201,114 \$	432,650 \$	453,350 \$	445,025 \$	230,945 \$	9		2,774,992
Commodity Transco Sunnivit - Dem	•	1,106,700 \$	\$ 009'666	1,106,700 \$	•	•		•	•				
Commodity Transco Surphy14 - Dem	•	\$ 058,850	466,340 \$	397,885 \$	407,450 \$	430,435 \$	430,650 \$	418,810 \$	403,620 \$	389,400 \$	404,395 \$	832,500 \$	475,075
Commodity Transco Supply22 - Dem	s s	519,700 \$ 7,750 \$	2,000	118,800 \$ 7.750 \$	14,050 \$	\$ -	2.500 \$	\$ -	2 7.750 \$	2 500 \$	\$ -	5.625 \$. 813
Commodity Transco Supply23 - Dem	ø	2,191,605 \$	1,417,096 \$	1,653,163 \$	672,480 \$	1,383,710 \$	432,275 \$	452,963 \$	444,638 \$	230,745 \$	311,205 \$	1,662,604 \$	2,048,357
Commodity Transco Supply23 - Dem	ø	604,113 \$	467,250 \$	394,863 \$	886,617 \$	473,913 \$	950,250 \$	904,425 \$	904,425 \$	878,250 \$	907,525 \$	•	•
Commodity Transco Supply25 - Dem	w	•	,	•	48,633 \$	496,000 \$	به		•	,			٠
Commodity Transco Simply35 - Dem	•	\$ 865,509	466,550 \$	395,638 \$	•		<i>s</i>	,	,	,	,	,	,
Commodity Transco Sundows - Dem	•	604,113 \$	467,250 \$	394,863 \$,	•	,	,	,	,		
Commodity Transco Supply20 - Dem													
Commodity	ø	601,013 \$	467,390 \$	399,048 \$	•	•	5	6	•		9	401,550 \$	464,845
Commodity	•	611,088 \$	476,490 \$	409,123 \$	9	•	S	6	6	•	*	427,500 \$	444,075
Commodity	ø	602,950 \$	466,200 \$	395,250 \$	9	5	69	9	9	6	•	826,125 \$	1,110,725
Commodity	•		,		•	S	69	69	67	**	S	426,000 \$	442,525
Transco Supply30 - Dem Commodity	•	,		,	•	65	65	9	•	69	(0	473,138
Transco Supply31 - Dem Commodity													
Transco Supply32 - Dem Commodity		,	,		420,000 \$	443,300 \$	426,000 \$	372,000 \$	353,400 \$	372,000 \$	372,000 \$		B
Transco Supply33 - Dem Commodity	•	,		•	•			••	••	,		809,250 \$	947,825
Transco Supply34 - Dem Commodity	•		•	•	•	•		,	55	,		•	186,950
Tetco Suppiy1 - Dem Commodity													
Tetco Supply3 - Dem Commodity	•	592,043 \$	459,200 \$	389,050 \$	•	,		,	,		,	,	
Commodity	•	255,450 \$			353,250 \$	359,910 \$	362,400 \$	348,285 \$	333,095 \$	321,150 \$	333,870 \$	\$ 005,679	1,167,150
Commodity	s,	1,054,775 \$	\$37,900 \$	642,475 \$	400,875 \$	400,288 \$	399,375 \$	277,838 \$	262,338 \$	243,375 \$	163,138 \$,	٠
Commodity	s ·	\$ 582,875 \$	459,900 \$	388,275 \$			•	,	,	1	s		
Tetco Supply24 - Dem Commodity	n vo	1,510 \$ 1,058,650 \$	1,510 \$	1,510 \$ 603,100 \$	228,641 \$	\$ 26,057	415,590 \$	177,655 \$	\$ 066'66	26,850 \$		4,500 \$ 740,150 \$	4,650 933,750
Tetco Supply24 - Dem Commodity	ø	935,100 \$	841,400 \$	646,350 \$	801,750 \$	\$ 575 \$	798,750 \$	\$ 52,675	524,675 \$	486,750 \$	326,275 \$	226,500 \$	389,050
Commodity	69	322,400 \$	291,200 \$	322,400 \$	400,875 \$	400,288 \$	399,375 \$	277,838 \$	262,338 \$	243,375 \$	163,138 \$	226,500 \$	389,050
Commodity	49	•	,						,	,	,	684,000 \$	1,171,800
Commodity	ø	2,120,849 \$	1,297,496 \$	1,537,000 \$	952,931 \$	885,297 \$	285,050 \$	134,885 \$	49,840 \$	13,360 \$	82,088 \$	1,050,266 \$	1,158,852
Commodity	•	592,488 \$	459,550 \$	389,438 \$	399,768 \$	401,450 \$	400,500 \$	\$ 000'622	263,500 \$	244,500 \$	164,300 \$	•	٠
Commodity Tetro Supply20 - Dem	49	1,057,100 \$	840,000 \$	644,800 \$	400,875 \$	400,288 \$	399,375 \$	277,838 \$	262,338 \$	243,375 \$	163,138 \$	677,250 \$	1,164,903
Commodity Teto Supply30 - Dem													
Commodity Tetco Supply31 - Dem		503 650 6	460.600 €	380 050			5	٠	٠	*		3.5	
Commodity	•	מממ'ממה	* ^^^^^	9 000'000		•	•			•			6

1307F 53.64 C1-Schedule 1 Page 5 of 11

Philadelphia Gas Works Volumes Purchased Williams Pipeline Company

ESTIN May-17 July-17 Aug-17 Sep-17 Oct-17 Nov-17	1,166,370 1,205,249 1,166,370 1,205,249 1,166,370 1	155,730 160,921 160,921 155,730 160,921 160,921	955'9	52,359 56,034 61,597 61,597 59,610 56,124 17,087	1,908,577 1,847,010 1,908,577 1,908,577 1,847,010 1,908,577 1,847,010	127,835,723 123,711,990 127,835,723 127,835,723 123,711,990 127,835,723 123,711,990		495,822 495,193 520,103 522,784 342,328 8,330 113,595	1,088,565 1,083,450 1,088,565 1,088,565 1,083,450 1,088,565 1,033,450	103,413,179 100,077,270 103,413,179 103,413,179 100,077,270 103,413,179 100,077,270 10	6,534	58,243 14,057 131,295 278,429 201,871 219,107 120,857	5,145,349 4,979,370 4,172,290 5,145,349 4,979,370 5,145,349 4,979,370	1,984,160 1,467,957 1,398,980 1,250,409 1,141,146 1,115,574 2,904,572					(354,175) (346,176) (355,291) (334,696) (343,176) (366,242) (386,970) (396,242)		The state of the s	
						_			_	_					=							00
	1,205,249 1,166,37					-				-									(347,430) (354,17			,
∢	1,20	16		7	<u>8</u> ,	123,71	13	26	1,06	100,07	7		4,97	1,50				000	3 B			
Mar-17	1,166,370	155,730	45,780	•	1,908,577	127,835,723	786,626	79,701	1,088,565	103,413,179	277,982	4,613	5,145,349	3,282,217	•			(340,000)	(359,662)			,
Feb-17 Mar-17	1,205,249 1,166,370	•	82,102 45,780		_	127,									76,522			(000 016)				
	1,205,249 1,	160,921		•	1,723,876	115,464,524 127,	542,680	86,539	983,220	93,405,452	185,810	17,832	4,625,936	2,899,090	84,754 76,522 -				(274,652)			6,833

1307F 53.64 C1-Schedule 1 Page 6 of 11

1307r				Philadelp	Philadelphia Gas Works	orks						
				Cost Of F	Cost Of Fuel Purchased Williams Pipeline Company	sed						
												ESTIMATE
Rate - \$	Jan-17	Feb-17	Mar-17	Apr-17	May-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
S-2 Capacity	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397
Storage Demand	0.14601	0.14662	0.14633	0.14621	0.14627	0.14627	0.14627	0.14533	0.14581	0.14581	0.14581	0.14601
Handling fr Stg.	0.03958	0.03988	0.03988	0.03988	0.00000	0.0000	0.0000	0.0000	0.0000	0.0000	0.03958	0.03888
Handling to Stg.	0.00000	0.0000	0.0000	0.02955	0.02955	0.02955	0.02955	0.02955	0.02955	0.02955	0.02955	0.00000
GSS Demand	0.10082	0.10082	0.10082	0.10076	0.10076	0.10076	0.10076	0.10076	0.10076	0.10076	0.10074	0.10074
Stg. Cap.Vol. Chg.	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053	0.00053
Handling fr Stg.	0.04352	0.04352	0.04352	0.04405	0.0000	0.0000	0.0000	0.00000	0.0000	0.0000	0.04448	0.04448
Storage Injection	0.05049	0.05049	0.05049	0.05102	0.05102	0.05102	0.05102	0.05102	0.05102	0.05102	0.05216	0.05216
WSS Demand	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557	0.02557
Stg. Cap Vol Chg.	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.00027	0.01456
Handling fr Stg.	0.01456	0.01456	0.01456	0.01456	0.00000	0.0000	0.0000	0.0000	0.0000	0.0000	0.01456	0.01456
Handling to Stg.	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456	0.01456
FT Demand/.3691	0.47551	0.47551	0.47381	0.47311	0.47311	0.47311	0.58345	0.47311	0.47311	0.47311	0.47311	0.47481
FT Commodity/.3691	0.03434	0.03428	0.03430	0.02041	0.02359	0.01954	0.01812	0.01594	0.01470	0.01346	0.03419	0.03476
PSFT Demand/.5001	0.71147	0.71175	0.0000	0.0000	0.0000	0,0000	0.0000	0.0000	0.0000	0.0000	0.00000	0.71044
PSFT Commodity/.5001												
Eminence Cust.Dem.												
Eminence Cust. Cap.												
Eminence Storage Dem.												
Eminence Storage Cap.												
Handling fr Stg.												
Handling to Stg.												
Capacity Rel. Dem.Credit #3691	0.29000	0.29000	0.29000	0.01350	0.01583	0.01713	0.01820	0.01900	0.01730	0.02167	0.60800	0.60800
Capacity Rel. Dem Credit #5001 S2 Credit	0.46068	0.46068	0.46068	0.46068	0.46068	0.46068	0.46068	0.46068	0.46068	0.45991	0.45991	0.45991
Eminence #2 Demand												
Eminence #2 Capacity												
Handling to Stg.												
Handling fr Stg.												
WSS Capacity Release												
Eminenec Capacity Release S 2 Adi: (02/1/15 - 02/29/16)												
Cashout / Cashout Majority Sell	3.48730	0.0000	0.0000	0.00000	3.02077	0.0000	0.00000	0.0000	0.0000.0	0.00000	0.00000	0.00000
Unathorized Overrun 02/2016 Cashout / Cashout 03/31/16												

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1307 1 33.04 CI-3CIIEGUIE I													
Page 7 of 11					Philadelp	Philadelphia Gas Works							
					Cost of F	Cost of Fuel Purchased							
					Williams P	Williams Pipeline Company						ш	ESTIMATE
Amount - \$		Jan -17	Feb -17	Mar -17	Apr -17	May -17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
S-2 Capacity	s	4,322 \$	4,785 \$	4,631 \$	4,785 \$	4,631 \$	4,785 \$	4,785 \$	4,631 \$	4,785 \$	4,631 \$	4,785 \$	4,785
Storage Demand	s	21,222 \$	23,594 \$	22,788 \$	23,529 \$	22,779 \$	23,538 \$	23,538 \$	22,633 \$	23,464 \$	22,707 \$	23,464 \$	23,496
Handling fr Stg.	•	4,729 \$	3,274 \$	1,826 \$	237 \$		•	•	,	,	,	259 \$	3,339
Handling to Stg.	ø		57	\$	\$ 669	1,547 \$	1,656 \$	1,820 \$	1,820 \$	1,761	1,658 \$	202 \$	
GSS Demand	s	192,423 \$	173,801 \$	192,423 \$	186,105 \$	192,308 \$	186,105 \$	192,308 \$	192,308 \$	186,105 \$	192,308 \$	186,068 \$	192,270
Stg. Cap.Vol. Chg.	s	67,753 \$	61,196 \$	67,753 \$	\$ 292'99	67,753 \$	\$ 292'99	67,753 \$	67,753 \$	\$ 292	67,753 \$	\$ 2929	67,753
Handling fr Stg.	s	31,539 \$	23,617 \$	34,234 \$	\$ 692'9		<i>چ</i>	•	•	•	•	7,178 \$	36,374
Storage Injection	s	2,907 \$	4,369 \$	4,024 \$	13,393 \$	25,297 \$	25,265 \$	26,536 \$	26,672 \$	17,466 \$	425 \$	5,925 \$	2,600
WSS Demand	s	27,835 \$	25,141 \$	27,835 \$	26,937 \$	27,835 \$	26,937 \$	27,835 \$	27,835 \$	26,937 \$	27,835 \$	26,937 \$	27,835
Stg. Cap Vol Chg.	s	27,922 \$	25,220 \$	27,922 \$	27,021 \$	27,922 \$	27,021 \$	27,922 \$	27,922 \$	27,021 \$	27,922 \$	27,021 \$	27,922
Handling fr Stg.	s	2,295 \$	2,705 \$	4,047 \$	1,050 \$	'	·	49	S	•	S	95 \$	3,859
Handling to Stg.	49	112 \$	260 \$	\$ 29	121 \$	848	205 \$	1.912 \$	4.054	2.939 \$	3.190 \$	1.760 \$	234
FT Demand/.3691	ø	2,435,352 \$	2,199,672 \$	2,437,909 \$	2,355,807 \$	2,434,334 \$	2,355,807 \$	2.434.334 \$	2.434.334 \$	2.355.807 \$	2.434.334 \$	2.355,807 \$	2.431.778
FT Commodity/.3691	•	121,703 \$	\$ 382 \$	112,584 \$	30,780 \$	47.034 \$	28,686 \$	25.346 \$	19 932 \$	16.777 \$	15.018 \$	\$ 282.88	129 061
PSFT Demand/5001	•	\$ 00009	54.464 \$				49			•		·	60 213
PSFT Commodity				•		•	•		•	•	•	•	
Eminence Cust Dem.													
Eminence Cust Can													
Eminance Stornes Dam													
Eminance Storage Can													
Handling Cota													
Handling IT Stg.													
Handling to Stg.	•	4 (000 00)	* 1000 707	4 1000 007									
Capacity Rei. Dem.Credit #3691	• •	(09,900) \$	(126.527)	(89,900)	(4,000)	(14,725)	(20,550)	(28,210) \$	(40,840) \$	(25,950) \$	(20,150) \$	(364,800) \$	(3/6,960)
capacity net. Definitional #3001		# (110'14')	(120,021)	# (coo'cor)	# (#CD'001)	(201,001)	9 (4/4/60)	e (C/0'501)		¢ (260,001)	(102,230)	¢ (705'871)	(163,/61)
Sz Credit	9	e (101'c)	(3) (07)	(2,107,8)	(nci,c)	(3,146)	(3,149)	(3,1/0)	& (U/L's)	(8/L's)	(3,1/8)	(3,148) \$	(3,258)
Handing to Sto.													
Handling fr Str													
Eminence #2 aid.													
Cashout / Cashout 02/29/2016													
S2 Adj. (02/1/15 - 02/28/15)													
WSS Capacity Release													
Eminence Capacity Release													
FT-Demand Charges Paid by VA Power													
Cashout / Cashout 03/31/16													
S2 Adj. (02/1/16 - 02/29/16)	9		•	•	•	;	•	•	•	á			
Cashout / Cashout Majority Sell Unathorized Overnm 02/2016	A	23,829		'	,	383 &	*	.	•		•	·	

2,447,539

2,592,216 \$ 2,257,365 \$

2,789,368 \$ 2,490,585 \$ 2,679,285 \$ 2,574,446 \$ 2,671,644 \$ 2,562,398 \$ 2,639,026 \$ 2,622,521 \$ 2,541,408 \$

TOTAL

1307F 53.64 C1-Schedule 1					P.	ladelphia (Philadelphia Gas Works					
7 dge o o!						Volumes Purchased Texas Eastern	rcnased stern					CTIMATE
Volumes - Dth	Jan-17	Feb-17	Mar-17	Apr-17	May-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
CDS Access Area Demand CDS Market Area Demand	75,000 97,573	75,000 97,573	75,000 97,573	75,000 97,573	75,000 97,573	75,000 97,573	75,000 97,573	75,000	75,000	75,000	75,000 97,573	75,000 97,573
CDS Commodity	1,447,338	1,103,214	1,178,899	1,313,763	1,461,264	1,240,843	1,069,471	1,001,889	919,607	985,795	1,107,085	1,328,160
CDS PCB True-up Settlement	-	1 1 1	20,0	2.5			1,000,	-	200	-	50, 50, 1	- '070'
FT1 Access Area Demand FT1 Market Area Demand	23,822 54,878	23,822 54,878	23,822 54,878	23,822 54,878	23,822 54,878	23,822 54,878	23,822 54,878	23,822 78,700	23,822 54,878	23,822 54,878	23,822 54,878	23,822 54,878
FT1 Commodity												
F11 PCB True-up Settlement	•	•	•	•	•	•	1	1	ı	1	1	
SS1 Demand 400121	44,118	44,118	44,118	44,118	44,118	44,118	44,118	44,118	44,118	44,118	44,118	44,118
Space Charge	220,590	220,590	220,590	220,590	220,590	220,590	220,590	220,590	220,590	220,590	220,590	220,590
Handling fr Storage	494,747	344,231	462,384	88,523	•		•			•	84,951	466,466
Excess Withdrawal	13 606	72,527	36 916	67 273	199 413	398 855	175 073	119 805	133 274	237 171	148 593	- 57.817
Excess Injection	56,380	63,098	23,086	14,102	32,280	-	1,457	200	100		17,880	32,326
Storage Surcharge Credit		-	•				· •					
PCB True-up Settlement 400121	•	•	i	1	Ī	1	•	•	•	•	•	
SS1 Demand 400209	20,847	20,847	20,847	20,847	20,847	20,847	20,847	20,847	20,847	20,847	20,847	20,847
Space Charge	205,177	205,177	205,177	205,177	205,177	205,177	205,177	205,177	205,176	205,176	205,176	205,176
Handling fr Storage	451,091	347,355	382,861	113,379	53	•	•	•	110	45,297	90,813	392,744
Excess Withdrawal	20 560	94 546	73 502	200 488	371 979	164 603	362 607	1	115 741	138 760	175 704	67 043
Storage injection	600,63	2, 1	760'0'	200,400	212,110	500,1	160,200		- Y	007,001	35.108	21.0
Storage Surcharge Credit	•			•		•			,		} '	
PCB True-up Settlement 400209		,	•	•	•	•	1	1	•	1		
FTS-2 Demand	5,394	5,394	5,394	5,394	5,394	5,394	5,394	5,394	5,394	5,394	5,394	5,394
FTS-7 Demand	7,788	7,788	7,788	7,788	7,788	7,788	7,788	7,788	7,788	7,788	7,788	7,788
FTS-8 Demand	25,709	25,709	25,709	25,709	25,709	25,709	25,709	25,709	25,709	25,709	25,709	25,709
FTS-2 PCB True-up Settlement	. :			• !	• !		. :			5,394		
FT-1 Acc. Area Dem. 800514	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
FT Commodity	557 985	504 000	539 220	* /*, -	4/4,1	*	4/4,1	4/4	4/4	4/4,1	540,000	558 000
FT-1 ACA Charge	557,985	504,000	539,220	•	•				•		540,000	558,000
FT3-3 Cap.Rel. dem.credit 800514	. •	. '	. '	(540,000)	(558,000)	(540,000)	(228,000)	(558,000)	(540,000)	(258,000)	. •	. •
PCB True-up Settlement 800514	•	•		•	•	•						
FT-1 Acc. Area Dem. 800515	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
FT-1 Market Area Demand	11,474	11,474	11,474	11,474	11,474	11,474	11,474	11,474	11,474	11,474	11,474	11,474
FT Commodity	558,000	504,000	554,871	•	•	•			ı		540,000	558,000
FI-1 ACA Charge	000,000	204,000	178,871		- 61		- 6				540,000	228,000
FT1-3 Cap.Rel. dem. credit 800515		•			(000'866)	(540,000)	(000,866)	(000'899)	(540,000)	(000,866)		
CDS 800232 M1-M2 Cap. Rel.	(304.017)	(274 596)	(359 600)	(347 280)	(354.113)	(345 990)	(355 198)	(354 485)	(343 050)	(396 118)	(389 790)	(399 342)
FT1-800233 M1-M1 Cap. Rel.	(647,156)	(584,528)	(647,156)		(486,948)	(471,240)	(486,948)	(486,948)	(471,240)	(486,948)	(471,240)	(579,948)
FTS-2,7,8 ACA	987,800	559,640	614,432	150,000	155,000	150,000	155,000	155,000	150,000	155,000	295,705	925,235
CSHOUT UNDER 5% DS				(21,909)	1		•	•	•	•	1	

1307F 53.64 C1-Schedule 1 Page 9 of 11

	2 TIBC	rep-17	Mar-17	
CDS Access Area Demand	10.7220	10.7600	10.7600	
CDS Market Area Demand	3.3846	3.3848	3.3848	
CDS Commodity	0.0484	0.0481	0.0482	
CDS ACA Charge	0.0013	0.0013	0.0013	
CDS PCB True-up Settlement	0.0000	0.0000	0.0000	
FT1 Access Area Demand	10.4990	10.5370	10.5370	•
FT1 Market Area Demand	3.5476	3.5479	3.5479	
FT1 Commodity	0.0000	0.0000	0.0000	
FT1 ACA Charge	0.0000	0.0000	0.000	
FT1 PCB True-up Settlement	0.0000	0.0000	0.000	
SS1 Demand 400121	5.4430	5.4530	5.4530	
Space Charge	0.1293	0.1293	0.1293	
Handiing fr Storage	0.0471	0.0474	0.0474	
Excess Withdrawal	0.0000	0.0000	0.0000	
Storage injection	0.0307	0.0307	0.0307	
Excess injection	0.1555	0.1555	0.1555	
Storage Surcharge Credit	0.0000	0.0000	0.0000	
PCB True-up Settlement 400121	0.0000	0.0000	0.0000	
SS1 Demand 400209	5.4430	5.4530	5.4530	
Space Charge	0.1293	0.1293	0.1293	
Handling fr Storage	0.0471	0.0474	0.0474	
Excess Withdrawal	0.0000	0.0000	0.0000	
Storage Injection	0.0307	0.0307	0.0307	
Excess Injection	0.0000	0.0000	0.0000	
Storage Surcharge Credit	0.0000	0.0000	0.0000	
PCB True-up Settlement 400209	0.0000	0.0000	0.0000	
FTS-2 Demand	7.9620	7.9620	7.9620	
FTS-7 Demand	6.5760	6.5760	6.5760	
FTS-8 Demand	6.8640	6.8640	6.8640	
FTS-2 PCB True-up Settlement	0.0000	0.0000	0.0000	
FT-1 Acc. Area Dem. 800514	10.4990	10.5370	10.5370	
FT-1 Market Area Demand	2.2385	2.2385	2.2385	
FI Commodity	0.0534	0.0541	0.0541	
TTT A Charge	0.000	0.000	2000	
F13-3 CaptRef. demand credit oves14 PCR Taisum Settlement 800514	0000	0000	0000	
FT-1 Acc. Area Dem. 800515	10.4990	10.5370	10.5370	
FT-1 Market Area Demand	2.2385	2.2385	2.2385	
FT Commodity	0.0534	0.0541	0.0540	
FT-1 ACA Charge	0.0013	0.0013	0.0013	
FT1-3 Cap.Rei. demand credit 800515	0.0000	0.0000	0.0000	
PCB True-up Settlement 800515	0.0000	0.0000	0.0000	
CDS 800232 M1-M1 Cap. Rel.	0.4311	0.4324	0.4324	
FT1-800233 M1-M3 Cap. Rel.	0.3481	0.3481	0.3481	
FTS-2,7,8 ACA	0.0013	0.0013	0.0013	

Philadelphia Gas Works Cost Of Fuel Purchased <u>Texas Eastern</u>

												ESTIMATE
umes - Dth	Jan-17	Feb-17	Mar-17	Apr-17	May-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
S Access Area Demand	10.7220	10.7600	10.7600	10.7030	10.7030	10.7030	10.7030	10.6500	10.6500	10.6500	10.6500	10.6720
S Market Area Demand	3.3846	3.3848	3.3848	3.3848	3.3848	3.3848	3.3848	3.3853	3.3853	3.3853	3.3853	3.3853
S Commodity	0.0484	0.0481	0.0482	0.0464	0.0464	0.0464	0.0464	0.0458	0.0458	0.0458	0.0458	0.0439
S ACA Charge	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
S PCB True-up Settlement	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
I Access Area Demand	10.4990	10.5370	10.5370	10.4800	10.4800	10.4800	10.4800	10.4270	10.4270	10.4270	10.4270	10.4490
I Market Area Demand	3.5476	3.5479	3.5479	3.5479	3.5479	3.5479	3.5479	2.4744	3.5485	3.5485	3.5485	3.5485
I Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
I ACA Charge	0.0000	0.000.0	0.000	0.000	0.000	0.0000	0.000	0.000	0.0000	0.000	0.0000	0.0000
I PCB True-up Settlement	0.0000	0.000	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1 Demand 400121	5.4430	5.4530	5.4530	5.4510	5.4510	5.4510	5.4510	5.4370	5.4370	5.4370	5.4370	5.4390
pace Charge	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293
andiing fr Storage	0.0471	0.0474	0.0474	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0471	0.0464
cess Withdrawal	0.0000	0.0000	0.000	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000
orage injection	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0311
cess injection	0.1555	0.1555	0.1555	0.1552	0.1552	0.0000	0.000	0.000	0.0000	0.0000	0.1552	0.1559
orage Surcharge Credit	0.0000	0.000.0	0.0000	0.0000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
В True-up Settlement 400121	0.0000	0.0000	0.0000	0.000	0.000	0.0000	0.000	0.0000	0.0000	0.0000	0.0000	0.000
1 Demand 400209	5.4430	5.4530	5.4530	5.4510	5.4510	5.4510	5.4510	5.4370	5.4370	5.4370	5.4370	5.4390
pace Charge	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293	0.1293
andling fr Storage	0.0471	0.0474	0.0474	0.0474	0.0474	0.0000	0.000	0.0000	0.0000	0.0471	0.0471	0.0464
cess Withdrawal	0.000	0.0000	0.000	0.0000	0.0000	0.000.0	0.000	0.000	0.0000	0.0000	0.0000	0.000
orage Injection	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0307	0.0000	0.0000	0.0307	0.0307	0.0311
cess Injection	0.000	0.0000	0.000	0.0000	0.000	0.0000	0.000	0.000	0.0000	0.000	0.1552	0.000
orage Surcharge Credit	0.000	0.0000	0.000	0.0000	0.0000	0.0000	0.000	0.000.0	0.0000	0.000.0	0.0000	0.000
B True-up Settlement 400209	0.000	0.000.0	0.000.0	0.0000	0.0000	0.0000	0.0000	0.000.0	0.0000	0.0000	0.0000	0.000
5-2 Demand	7.9620	7.9620	7.9620	7.9590	7.9590	7.9590	7.9590	7.9590	7.9590	7.9590	7.9590	7.9600
5-7 Demand	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760	6.5760
S-8 Demand	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640	6.8640
S-2 PCB True-up Settlement	0.0000	0.000.0	0.000.0	0.0000	0.0000	0.0000	0.000	0.000.0	0.0000	0.0000	0.000.0	0.000
:1 Acc.Area Dem. 800514	10.4990	10.5370	10.5370	10.4800	10.4800	10.4800	10.4800	10.4270	10.4270	10.4270	10.4270	10.4490
1 Market Area Demand	2.2385	2.2385	2.2385	2.2385	2.2385	2.2385	2.2385	2.2387	2.2387	2.2387	2.2387	2.2387
Commodity	0.0534	0.0541	0.0541	0.0000	0.000	0.0000	0.000.0	0.0000	0.000	0.0000	0.0458	0.0439
1 ACA Charge	0.0013	0.0013	0.0013	0.0000	0.0000	0.000	0.0000	0.0000	0.0000	0.000.0	0.0013	0.0013
5-3 Cap.Rei. demand credit 800514	0.000.0	0.000.0	0.000	0.0322	0.1075	0.0995	0.0843	0.1660	0.1180	0.0400	0.000	0.000
B True-up Settlement 800514	0.0000	0.000.0	0.000	0.0000	0.0000	0.0000	0.000.0	0.000.0	0.0000	0.000.0	0.000	0.0000
1 Acc.Area Dem. 800515	10.4990	10.5370	10.5370	10.4800	10.4800	10.4800	10.4800	10.4270	10.4270	10.4270	10.4270	10.4490
-1 Market Area Demand	2.2385	2.2385	2.2385	2.2385	2.2385	2.2385	2.2385	2.2387	2.2387	2.2387	2.2387	2.2387
Commodity	0.0534	0.0541	0.0540	0.0000	0.0000	0.0000	0.0000	0.000.0	0.000	0.000	0.0458	0.0439
1 ACA Charge	0.0013	0.0013	0.0013	0.0000	0.000.0	0.0000	0.000.0	0.000.0	0.0000	0.000.0	0.0013	0.0013
I-3 Cap.Rei. demand credit 800515	0.0000	0.0000	0.000	0.0000	0.1075	0.0995	0.0843	0.1660	0.1180	0.0504	0.000	0.000
B True-up Settlement 800515	0.0000	0.000.0	0.0000	0.0000	0.000.0	0.000.0	0.000.0	0.0000	0.000	0.0000	0.000	0.000
S 800232 M1-M1 Cap. Rel.	0.4311	0.4324	0.4324	0.4324	0.4300	0.4300	0.4300	0.4281	0.4281	0.4281	0.4281	0.4292
I-800233 M1-M3 Cap. Rel.	0.3481	0.3481	0.3481	0.0000	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518	1.1019	1.0615
S-2,7,8 ACA	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
HOUT UNDER 5%	0.0000	0.0000	0.0000	2.7900	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

1307F 53.64 C1-Schedule 1 Page 10 of 11

Philadelphia Gas Works Cost Of Fuel Purchased <u>Texas Eastern</u>

													ESTIMATE
Amount - \$		Jan-17	Feb-17	Mar-17	Apr-17	May-17	June-17	July-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
CDS Access Area Demand	.	804,150.00 \$	\$ 000,708	\$ 000,708	802,725 \$	802,725 \$	802,725 \$	802,725 \$	\$ 052'862	\$ 052'862	\$ 052'862	\$ 05,7867	800,400
CDS Market Area Demand	s ·	330,249.33 \$	330,270 \$	330,270 \$	330,270 \$	330,270 \$	330,270 \$	330,270 \$	330,313 \$	330,313 \$	330,313 \$	330,313 \$	330,313
CDS Commodity	s,	70,032.46 \$	53,079 \$	56,794 \$	\$ 656'09	67,803 \$	\$ 52,575	49,623 \$	45,887 \$	42,118 \$	45,149 \$	50,704 \$	58,306
CDS ACA Charge	s	1,881.56 \$	1,434 \$	1,533 \$	1,708 \$	\$ 006,1	1,613 \$	1,390 \$	1,302 \$	1,195 \$	1,282 \$	1,439 \$	1,727
CDS PCB True-up Settlement	s,	,		•••	• •		•	••		,	146,835 \$		
FT1 Access Area Demand	s,	250,107,18 \$	251,012 \$	251,012 \$	249,655 \$	249,655 \$	249,655 \$	249,655 \$	248,392 \$	248,392 \$	248,392 \$	248,392 \$	248,916
FT1 Market Area Demand	s	194,686.71 \$	194,703 \$	194,703 \$	194,703 \$	194,703 \$	194,703 \$	194,703 \$	194,733 \$	194,733 \$	194,733 \$	194,733 \$	194,733
FT1 Commodity	\$	•		•		ۍ '	پ	•	•	•	•	•	
FT1 ACA Charge	s,	•		,	•	*		,	,	,	,	•	•
FT1 PCB True-up Settlement	s		•	•							46,639 \$		
SS1 Demand 400121	s	240,134 \$	240,575 \$	240,575 \$	240,487 \$	240,487 \$	240,487 \$	240.487 \$	239.870 \$	239.870 \$	239.870 \$	239.870 \$	239.958
Space Charge	s	28.522 \$	28.522 \$	28.522 \$	28.522 \$	28.522 \$	28 522 \$	28.522 \$	28 522 \$	28 522 \$	28.522 \$	28 522 \$	28 522
Handling fr Storage	·	23.303 \$	16.317 \$	21917 \$	4 196 \$							4 001 \$	21 644
Excess Withdrawal						,	,	,	,		,	· ·	
Storage Injection	S	418 \$	2 2 2 7 \$	1.133 \$	2.065 \$	6 122 \$	12 245 \$	5375 \$	3.678.5	4 092 \$	7 281 \$	4.567 \$	1 798
Excess Injection	• •	8.767 \$	9,812 \$	3.590 \$	2,189 \$	5.010 \$		226 \$	· ·	4		2.775 \$	5.040
Storage Surchange Credit	· v	\$ (96) \$	(26.968) \$	(26.820) \$	(26.808) \$	(76.810) \$	\$ (286 92)	\$ (888.92)	(27.064) \$	\$ (850.70)	(26 803) \$	\$ (862, 20)	(27,805)
PCB True-up Settlement 400121	•						· ·	, , , , , , , , , , , , , , , , , , ,		· · · · ·	8 751 \$	· · · · · · · · · · · · · · · · · · ·	(2001:-)
SS1 Demand 400209	· vs	113.470 \$	113.679 \$	113.679 \$	113.637 \$	113.637 \$	113.637 \$	113 637 \$	113.345 \$	113.345 \$	113.345 \$	113.345 \$	113 387
Space Charge	•	26,529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529 \$	26.529
Handling fr Storage	S	21,246 \$	16.465 \$	18,148 \$	5.374 \$	9				5	2.133 \$	4277 \$	18.223
Excess Withdrawal	•	•		•		· ' ,		,	,				
Storage Injection	•	\$ 806	2.903 \$	2.259 \$	6.155 \$	11.398 \$	5.053 \$	11.135 \$,	3.553 \$	4 260 \$	5.394.5	2 085
Excess Injection	~	•	•	•						-		5.449 \$	
Storage Surcharge Credit	s	(12,780) \$	(12,720) \$	(12,650) \$	(12,644) \$	(12,645) \$	(12,726) \$	(12,729) \$	(12,765) \$	(12,763) \$	(12,642) \$	(13,083) \$	(13,115)
PCB True-up Settlement 400209	s	•	٠ <u>٠</u>	**	•	•	•	•	•		4.135 \$. '
FTS-2 Demand	•	42,947.03 \$	42,947 \$	42,947 \$	42,931 \$	42,931 \$	42,931 \$	42,931 \$	42,931 \$	42,931 \$	42,931 \$	42,931 \$	42,936
FTS-7 Demand	s	51,213.89 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214 \$	51,214
FTS-8 Demand	s	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467 \$	176,467
FTS-2 PCB True-up Settlement	s	,						•	•	•	\$ 609	•	
FT-1 Acc. Area Dem. 800514	s,	188,982.00 \$	189,666 \$	189,666 \$	188,640 \$	188,640 \$	188,640 \$	188,640 \$	187,686 \$	187,686 \$	187,686 \$	187,686 \$	188,082
FT-1 Market Area Demand	\$	25,684.75 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,687 \$	25,687 \$	25,687 \$	25,687 \$	25,687
FT Commodity	s,	\$ 06.008,62	27,264 \$	29,169 \$		•		,	•	•	•	24,732 \$	24,496
FT-1 ACA Charge	s,	725.39 \$	655 \$	701 \$,			•	•	,	5	702 \$	725
FT3-3 Cap.Rel. dem. credit 800514	s,		,	,	(17,388) \$	\$ (586'65)	(53,730) \$	(47,039) \$	(92,628)	(63,720) \$	(22,320) \$,	Ü
PCB True-up Settlement 800514	s,	•	,	,	,	•	•	•	•	,	35,240 \$	•	
FT-1 Acc.Area Dem. 800515	v	188,982.00 \$	189,666 \$	189,666 \$	188,640 \$	188,640 \$	188,640 \$	188,640 \$	187,686 \$	187,686 \$	187,686 \$	187,686 \$	188,082
FT-1 Market Area Demand	s,	25,684.75 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,685 \$	25,687 \$	25,687 \$	25,687 \$	25,687 \$	25,687
FT Commodity	s,	29,801.83 \$	27,264 \$	29,981 \$,	,	,	,		,	•	24,732 \$	24,496
FT-1 ACA Charge	s,	725.41 \$	655 \$	721 \$,		•	••	•	,		202	725
FT1-3 Cap.Rel. dem. credit 800515	s		•		,	\$ (586'65)	(53,730) \$	(47,039) \$	(92,628)	(63,720) \$	(28,123) \$	•	
PCB True-up Settlement 800515	s,	•	•	•	•	•	,	••	•	,	35,240 \$	•	
CDS 800232 M1-M1 Cap. Rel.	s	(131,061.70) \$	(118,735) \$	(155,491) \$	(150,164) \$	(152,269) \$	(148,776) \$	(152,735) \$	(151,755) \$	(146,860) \$	\$ (82,631)	(166,869) \$	(171,398)
FT1-800233 Cap. Rel.	s,	(225,262.99) \$	(203,463) \$	(225,263) \$,	(25,224) \$	(24,410) \$	(25,224) \$	(25,224) \$	(24,410) \$	(25,224) \$	(519,259) \$	(615,618)
FTS-2,7,8 ACA	s	1,284 \$	728 \$	\$ 662	195 \$	202 \$	195 \$	202 \$	202 \$	195 \$	202 \$	384 \$	1,203
CSHOUT UNDER 5% DS	s,	•	,	,	(61,125) \$	•	s U	,	•	•	,	•	•
O C C C C C C C C C C C C C C C C C C C		•	•	* (000 00)	•	760	•	•	•	•	•	* 0000	
C.r.o chebits	•	•	•	e (coc'o)	•	(91,739)	•	•		•	•	(a,234)	
TOTAL	5	2,480,503 \$	2,490,534 \$	2,363,758 \$	2,500,500 \$	2,389,548 \$	2,442,116 \$	2,441,985 \$	2,326,816 \$	2,390,439 \$	2,730,779 \$	2,074,421 \$	2,013,447

1307F 53.64 C1-Schedule 1 Page 11 of 11

Philadelphia Gas Works Volumes, Rates, and Total Amounts <u>Dominion</u>

																			Ш	CCTIMAATE
Volumes	Ъ	Jan-17	Feb-17	Σ	Mar-17	•	Apr-17	Mav-17	-17	June-17	71-Mill.	-17	A110-17	-17	Sep-17	47	Oct-17	Nov-17		Dec-17
GSS Storage Demand	8	34,047	34,047	e	34,047		34.047	8	34.047	34.047	34,047	: 74	34.047	: 74	34.047	47	34.047	34.047		34.047
GSS Storage Capacity	3,918,971	,971	3,918,971	3,91	3,918,971	3,9	3,918,971	3,918,971	971	3,918,971	3,918,971	17	3,918,971	171	3,918,971	71	3,918,971	3,918,971		3,918,971
GSS Storage Injection			•					446,524	524	576,150	595,355	355	595,355	55	412,827	27	160,000	39,560	_	,
GSS Handling from Storage	846	846,500	426,358	46	466,434					•			. •				1	148,020	_	782,660
GSS-TE Surcharge	846	846,500	426,358	46	466,434		,			d.		100	207	400	•		0	148,020	_	782,660
GSS-TE Excess Injection Unathorized Overrun Charges																				
Rates - \$																				
GSS Storage Demand	\$	1.8683 \$	1.8683	.	.8683	69	1.8683	8.1.8	1.8683 \$	1.8683	\$ 1.86	1.8683	1.8683	83	1.8683	83	1.8683	\$ 1.8672	69	1.8672
GSS Storage Capacity		0.0145 \$	0.0145	0	0.0145		0.0145	0.0	0.0145 \$	0.0145	\$ 0.0145	45	\$ 0.0145	45 \$	0.0145	45 \$	0.0145	\$ 0.0145	69	0.0145
GSS Storage Injection		0.0274 \$	0.0274	0	0.0274	- 69	0.0274 \$	0.0	0.0274 \$	0.0274	\$ 0.0274	74	30.0	274 \$	0.0274	74 \$	0.0274	\$ 0.0290	69	0.0290
GSS Handling from Storage		0.0161 \$	0.0161	9	0.0161		0.0161	0.0	0.0161 \$	0.0161	\$ 0.0161	19	0.0161	61	0.0161	61 \$	0.0161	\$ 0.0167	69	0.0167
GSS-TE Surcharge	8	0.0049 \$	0.0049	o #	0.0049	69	0.0049	0.0	0.0049 \$	0.0049	\$ 0.0049	49	0.0049	49 \$	0.0049	49 \$	0.0049	\$ 0.0043	€9	0.0043
GSS-TE Excess Injection	9		0.2365	o #	0.2365	69	0.2365	\$ 0.2	0.2365 \$	0.2365	\$ 0.2365	865	0.2365	865 \$	0.2365	\$ 59	0.2365	\$ 0.2381	69	0.2381
Unathorized Overrun Charges	⊕	0.6309 \$	0.6309	o #	0.6309	€9	0.6309	9.0 \$	\$ 6089.0	0.6309	\$ 0.6309	608	0.6309	\$ 600	0.6309	\$ 60	0.6309	\$ 0.6311	69	0.6311
Total Amount - \$																				
GSS Storage Demand	\$	63,610 \$	63,610	9	63,610	69	63,610	\$ 63,	63,610 \$	63,610	\$ 63,610	310	63,610	310 \$	63,610	10	63,610	\$ 63,573	€	63,573
GSS Storage Capacity	\$	56,825 \$	56,825	\$	56,825	69	56,825	\$ 56,	56,825 \$	56,825	\$ 56,825	325	\$ 56,825	\$ \$25	56,825	25 \$	56,825	\$ 56,825	69	56,825
GSS Storage Injection	ss.	⇔ '	•	69	•	€9	'	\$ 12,	12,235 \$	15,787	\$ 16,3	16,313	\$ 16,313	313 \$	11,311	11 \$	4,384	1,147	69	•
GSS Handling from Storage	\$ 13	13,629 \$	6,864	69	7,510	€9	1	44	49	•	€9	'	~	69		69 1	1	\$ 2,472	69	13,070
GSS-TE Surcharge	8	4,148 \$	2,089	€9	2,286	€9	1	4	↔	•	₩	'	40	1		69	1	\$ 636	69	3,365
GSS-TE Excess Injection *Overrun/Penalty Distribution	€9	6 9	1	49	•	69	1	€9	69 □	(5,412)	69	,	€9	٠		↔	•	€9	€9	ä
Unathorized Overrun Charges																				
TOTAL	4 4 3 8	24.0	¢ 138 342 ¢ 130 380 ¢ 130 330	430		÷		100		000	426.4		1007		200			107		000
14.0	, , ,	4 717	123,300	2		7 .	120,435	132,0/0		809'05L A	4 130,/48		\$ 130,/48		4 131,/4/		\$ 124,819	\$ 124,653		4 136,834

Schedule 2 Item 53.64(C)(1)

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 2017

Volume Total Volume Total DTH'S Credits DTH'S Cred 617,830 \$ 356,325 951,173 \$ Cred 669,652 \$ 322,199 859,124 \$ S 669,662 \$ 380,754 1,006,756 \$ 887,280 \$ S 1,284,175 \$ 297,463 1,957,061 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			TGPL			тетсо			Combined Total	d Total
Credits DTH'S Credits DTH'S Credits 1-17 \$ 231,711 617,830 \$ 356,325 951,173 \$ Credits 1-17 \$ 207,727 554,652 \$ 322,199 859,124 \$ \$ 5-174 1-17 \$ 164,104 647,430 \$ 167,552 887,280 \$ \$ 5-17,061 1-17 \$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 5-14,85 1-17 \$ 191,885 1,905,291 \$ 280,646 1,957,433 \$ \$ 5-14,85 1-17 \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 5-14,85 1-17 \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 5-14,152 1-17 \$ 560,721 1,019,559 \$ 787,016 \$ 4456,311 \$ 17,207,879 1-17 \$ 3,104,430 \$ 4456,311 \$ 4456,311 \$ 4456,311 \$ 4456,311			Total	Volume	Total		Volume		Total	Volume
\$ 231,711 617,830 \$ 356,325 951,173 \$ \$ 207,727 554,652 \$ 322,199 859,124 \$ \$ 255,589 669,662 \$ 380,754 1,006,756 \$ \$ 164,104 647,430 \$ 167,552 887,280 \$ \$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 191,885 1,905,291 \$ 280,646 1,997,230 \$ \$ 191,885 1,905,291 \$ 272,038 1,958,146 \$ \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 204,022 2,504,609 \$ 362,235 1,994,290 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 4456,311 \$ 17,207,879 \$ \$ 3,104,430 \$ 4456,311 \$ 17,207,879 \$	MONTH)	Credits	DTH'S	Credits		DTH'S)	Credits	DTH'S
\$ 207,727 554,652 \$ 322,199 859,124 \$ \$ 255,589 669,662 \$ 380,754 1,006,756 \$ \$ 164,104 647,430 \$ 167,552 887,280 \$ \$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 191,885 1,905,291 \$ 280,646 1,897,230 \$ \$ 204,202 2,504,609 \$ 362,235 1,958,146 \$ \$ 204,022 2,504,609 \$ 362,235 1,957,433 \$ \$ 244,152 989,970 \$ 245,245 1,999,066 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 979,290 \$ \$ 3,104,430 \$ 14,908,760 \$ 44,56,311 \$ 17,207,879 \$	Jan-17		231,711	617,830	\$ 356,329	2	951,173	\$	588,036	1,569,003
\$ 255,589 669,662 \$ 380,754 1,006,756 \$ \$ 164,104 647,430 \$ 167,552 887,280 \$ \$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 180,024 1,546,170 \$ 280,646 1,897,230 \$ \$ 191,885 1,905,291 \$ 272,038 1,957,433 \$ \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 4456,311 \$ \$ 3104,430 \$ 14,908,760 \$ 4456,311 \$ 17,207,879 \$	Feb-17	↔	207,727	554,652	\$ 322,199	<u>ი</u>	859,124	₩	529,926	1,413,776
\$ 164,104 647,430 \$ 167,552 887,280 \$ \$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 180,024 1,546,170 \$ 280,646 1,897,230 \$ \$ 191,885 1,905,291 \$ 272,038 1,958,146 \$ \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 502,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 77207,879 \$ \$ 3,104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Mar-17	€9	255,589	669,662	\$ 380,75	4	1,006,756	\$	636,343	1,676,418
\$ 177,887 1,284,175 \$ 297,463 1,957,061 \$ \$ 180,024 1,546,170 \$ 280,646 1,897,230 \$ \$ 191,885 1,905,291 \$ 272,038 1,958,146 \$ \$ 204,202 2,504,609 \$ 362,235 1,958,146 \$ \$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 77207,879 \$ \$ 3,104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Apr-17	↔	164,104	647,430	\$ 167,552	2	887,280	₩	331,656	1,534,710
\$ 180,024 1,546,170 \$ 280,646 1,897,230 \$ \$ 191,885 1,905,291 \$ 272,038 1,958,146 \$ \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 502,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 77,207,879 \$ \$ 3,104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	May-17	€9	177,887	1,284,175	\$ 297,46;	8	1,957,061	⇔	475,350	3,241,236
\$ 191,885 1,905,291 \$ 272,038 1,958,146 \$ \$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 979,290 \$ \$ 3,104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Jun-17	↔	180,024	1,546,170	\$ 280,646	<u>(C</u>	1,897,230	₩	460,670	3,443,400
\$ 204,202 2,504,609 \$ 362,235 1,957,433 \$ \$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 979,290 \$ \$ 3.104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Jul-17	₩.	191,885	1,905,291	\$ 272,038	8	1,958,146	↔	463,923	3,863,437
\$ 184,042 1,843,170 \$ 298,710 1,894,290 \$ \$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 979,290 \$ \$ 3,104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Ang-17	₩.	204,202	2,504,609	\$ 362,23	2	1,957,433	↔	566,437	4,462,042
\$ 202,386 1,326,242 \$ 245,245 1,999,066 \$ \$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 979,290 \$ \$ 3.104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Sep-17	€9	184,042	1,843,170	\$ 298,710	0	1,894,290	↔	482,752	3,737,460
\$ 544,152 989,970 \$ 686,128 861,030 \$ \$ 560,721 1,019,559 \$ 787,016 \$ 979,290 \$ \$ 3.104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Oct-17	₩.	202,386	1,326,242	\$ 245,24	2	1,999,066	₩	447,631	3,325,308
560,721 1,019,559 \$ 787,016 979,290 \$ 3.104,430 \$ 14,908,760 \$ 4,456,311 \$ 17,207,879 \$	Nov-17	↔	544,152	989,970	\$ 686,128	8	861,030	₩	1,230,280	1,851,000
\$ 14.908.760 \$ 4.456.311 \$ 17.207.879 \$	Dec-17	₩	560,721	1,019,559	\$ 787,016	ပ္	979,290	\$	1,347,737	1,998,849
		\$	3,104,430 \$	14,908,760		4	17,207,879	₩	7,560,741	\$ 32,116,639

* TGPL volumes do not include the ES storage capacity release but do include the credits to PGW has stated on the monthly invoices.

TRANSCONTINENTAL GAS PIPELINE CORPORATION

FERC GAS TARIFF FIFTH REVISED VOLUME NO. 1

(SUPERSEDING FOURTH REVISED VOLUME NO. 1)

OF

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

FILED WITH THE

FEDERAL ENERGY REGULATORY COMMISSION

Communications Concerning This Tariff Should Be Addressed To:

Transcontinental Gas Pipe Line Company, LLC

Attention: Cha

Charlotte Hutson

Director, Rates & Regulatory Charlotte.A.Hutson@williams.com

Mailing Address: P.O. Box 1396

Houston, TX 77251-1396

Street Address: 2800 Post Oak Boulevard

Houston, TX 77056

Telephone Number: (713) 215-4060 Facsimile Number: (713) 215-3483

Table of Contents

Tariff – Fifth Revised Volume No. 1
PART I – OVERVIEW
Section 1 – Table of Contents
Section 2 – Preliminary Statement
Section 3 – Maps
Part II – STATEMENT OF RATES AND FUEL
Section 1 – Open Access Firm Transportation Rates
Section 1.1 Rate Schedule FT
Section 1.1.1 – FT - Non-Incremental Rates
Section 1.1.2 – FT - SunBelt Expansion Rates
Section 1.1.3 – Reserved
Section 1.1.4 – FT - Pocono Expansion Rates
Section 1.1.5 – FT - Cherokee Expansion Rates
Section 1.1.6 – FT - Southcoast Expansion Rates
Section 1.1.7 – FT - Market Link Expansion Rates
Section 1.1.8 – FT - Sundance Expansion Rates
Section 1.1.9 – FT - Leidy East Expansion Rates
Section 1.1.10 – FT - Momentum Expansion Rates
Section 1.1.11 – FT - Trenton Woodbury Expansion Surcharge
Section 1.1.12 – FT - Leidy to Long Island Expansion Rates
Section 1.1.13 – FT - Potomac Expansion Rates
Section 1.1.14 – FT - Sentinel Expansion Rates
Section 1.1.15 – FT - 85 North Expansion Rates
Section 1.1.16 – FT - Pascagoula Expansion Rates
Section 1.1.17 – FT - Mid-South Expansion Rates
Section 1.1.18 – FT - Northeast Supply Link Rates
Section 1.1.19 – FT - Trenton Woodbury Expansion Rates
Section 1.1.20 – FT - Virginia Southside Expansion Rates
Section 1.1.21 – FT - Northeast Connector Project Rates
Section 1.1.22 – FT - Leidy Southeast Project Rates
Section 1.1.23 – FT - Mobile Bay South III Expansion Rates
Section 1.1.24 – FT - Rock Springs Expansion Rates

Section 8.1 - Rate Schedule LG-S Rates

Section 9 - Gathering Rates and List of Gathering Points

Section 1.1.25 - FT - Gulf Trace Project Rates Section 1.1.26 - FT - Dalton Expansion Rates Section 1.1.27 - FT - Atlantic Sunrise Project Rates Section 1.1.28 - FT - Garden State Expansion Rates Section 1.1.29 - FT - New York Bay Expansion Rates Section 1.1.30 - FT - Virginia Southside Expansion Project II Rates Section 1.2 - Rate Schedule FT-G Rates Section 1.3 – Rate Schedule FTN Rates Section 1.4 - Rate Schedule FDLS Rates Section 1.5 - Rate Schedule FTP Rates Section 2 – Open Access Interruptible Transportation Rates Section 2.1 – Rate Schedule IT Rates Section 2.2 - Rate Schedule IDLS Rates Section 3 – Open Access Firm Storage Rates and Fuel Section 3.1 - Rate Schedule WSS-Open Access Rates Section 3.2 - Reserved Section 3.3 - Rate Schedule ESS Rates Section 3.4 - Rate Schedule EESWS Rates Section 3.5 - Rate Schedule LNG Rates Section 4 - Open Access Interruptible Storage Service Rates and Fuel Section 4.1 – Rate Schedule ISS Rates Section 5 – Firm 7(c) Transportation Rates Section 5.1 - Reserved Section 5.2 – Reserved Section 6 - Reserved Section 6.1 - Reserved Section 7 - Firm 7(c) Storage Rates and Fuel Section 7.1 - Rate Schedule GSS Rates Section 7.2 – Rate Schedule LSS Rates Section 7.3 - Reserved Section 7.4 - Rate Schedule SS-2 Rates Section 7.5 - Rate Schedule S-2 Rates Section 7.6 - Rate Schedule LG-A Rates Section 8 - Interruptible 7(c) Storage Rates and Fuel

Section 6.4 - Rate Schedule SS-2

Section 9.1 – Firm and Interruptible Gathering Rates Section 9.2 – List of Gathering Points Section 10 - Aggregation and Balancing Services Rates and Fuel Section 10.1 - Rate Schedule PAL Section 10.2 - Trading Fees and Fuel Retention Percentages Section 11 - Other Services Rates Section 11.1 - Rate Schedule ICTS Section 12 – Transportation Retention Fuel Factors Section 12.1 – Firm and Interruptible Transportation Fuel Percentages Section 12.2 – Rate Schedules FDLS and IDLS Fuel Percentages Section 13 – Summary of Negotiated Rate Agreements **PART III - RATE SCHEDULES** Section 1 – Open Access Firm Transportation Service Section 1.1 - Rate Schedule FT Section 1.2 – Rate Schedule FT-G Section 1.3 – Rate Schedule FTN Section 1.4 - Rate Schedule FDLS Section 1.5 – Rate Schedule FTP Section 2 – Open Access Interruptible Transportation Service Section 2.1 - Rate Schedule IT Section 2.2 - Rate Schedule IDLS Section 3 - Open Access Firm Storage Service Section 3.1 - Rate Schedule WSS-Open Access Section 3.2 - Reserved Section 3.3 - Rate Schedule ESS Section 3.4 - Rate Schedule EESWS Section 3.5 - Rate Schedule LNG Section 4 – Open Access Interruptible Storage Service Section 4.1 – Rate Schedule ISS Section 5 - Reserved Section 5.1 – Reserved Section 6 - Firm 7(c) Storage Service Section 6.1 - Rate Schedule GSS Section 6.2 – Rate Schedule LSS Section 6.3 - Reserved

Section 6.5 - Rate Schedule S-2

Section 6.6 - Rate Schedule LG-A

Section 7 - Interruptible 7(c) Storage Service

Section 7.1 – Rate Schedule LG-S

Section 8 - Aggregation and Balancing Services

Section 8.1 - Rate Schedule PAL

Section 8.2 - Rate Schedule POOLING

Section 9 - Sales Service

Section 9.1 - Rate Schedule NS

Section 10 - Other Services

Section 10.1 - Rate Schedule ICTS

PART IV - GENERAL TERMS AND CONDITIONS

Section 1 - Application

Section 2 - Definitions

Section 3 - Quality

Section 4 – Measurements

Section 5 - Measurement Equipment

Section 6 - Billing

Section 7 - Payments

Section 8 - Liability

Section 9 - Possession of Gas

Section 10 - Warranty of Title to Gas

Section 11 - Force Majeure Provision and Contract Entitlements

Section 12 – Pressures

Section 13 - Supply Curtailment

Section 14 - Duly Constituted Authorities

Section 15 – Refund of Cash-Out Revenues

Section 16 - Service Agreement

Section 17 - Notices

Section 18 - Deliveries and Receipts, Overruns and Penalties

Section 19 – Daily Delivery Point Entitlements (DPE)

Section 19.1 - DPE - Delivery Point Provisions

Section 19.2 - DPE - Facility Group Provisions

Section 19.3 – DPE - Maps Legend and Maps

Section 19.4 – DPE - Zone 4

Section 19.5 - DPE - Zone 5

Section 54 – Penalty Revenue Sharing

Section 19.6 – DPE - Zone 6
Section 20 – Policy for Construction of Interconnect Facilities
Section 21 – Rate Zones
Section 22 – Policy for Consolidation of Service Agreements
Section 23 – Restatement of Quantities in Thermal Units
Section 24 – Gas Research Institute Voluntary Contributions
Section 25 – Monthly Imbalance Resolution
Section 26 – Changes in Rates for Rate Schedule S-2
Section 27 – Annual Charge Adjustment (ACA) Provision
Section 28 – Nominations, Allocations, Curtailment and Confirmations
Section 29 – Best Available Operational Data
Section 30 – Complaint Procedures - Marketing Function Employees
Section 31 – Waiver
Section 32 - Credit Worthiness
Section 33 – Order of Discounts
Section 34 – Periodic Reports
Section 35 – Standards for Business Practices
Section 36 – Gathering Affiliate(s) Standards of Conduct
Section 37 – Cash Out Provisions
Section 38 – Fuel Retention Adjustment
Section 39 – Adjustments to Prior Gas Day Scheduled Quantities and PDAs
Section 40 – Discount Policy
Section 41 – Transmission Electric Power Cost Adjustment Provision
Section 42 – Capacity Release
Section 43 – System Management Gas
Section 44 – Extension of Service Agreement
Section 45 – Periodic Rate Adjustments and Surcharges
Section 46 – 1Line Service
Section 47 – Transfers of Storage Inventory
Section 48 – Right of First Refusal Procedures
Section 49 – Procedures for Allocating Available Firm Capacity
Section 50 – Processing Rights Regarding Liquefiable Hydrocarbons
Section 51 – Operational Controls
Section 52 – Operational Flow Orders
Section 53 – Negotiated Rates

Section 55 – Reservation of Capacity

Section 56 – Unauthorized Receipts PART V – FORMS OF SERVICE AGREEMENT
Section 1 – Open Access Firm Transportation Service
Section 1.1 – Rate Schedule FT Form of Service
Section 1.2 – Rate Schedule FT-G
Section 1.3 – Rate Schedule FTN
Section 1.4 – Rate Schedule FDLS Form of Service
Section 1.5 – Rate Schedule FTP Form of Service
Section 2 – Open Access Interruptible Transportation Service
Section 2.1 – Rate Schedule IT Form of Service
Section 2.2 – Rate Schedule IDLS Form of Service
Section 3 – Open Access Firm Storage Service
Section 3.1 – Rate Schedule WSS-Open Access Form of Service
Section 3.2 – Reserved
Section 3.3 – Rate Schedule ESS Form of Service
Section 3.4 – Rate Schedule EESWS
Section 3.5 – Rate Schedule LNG Form of Service
Section 4 – Open Access Interruptible Storage Service
Section 4.1 – Rate Schedule ISS Form of Service
Section 5 – Reserved
Section 5.1 – Reserved
Section 6 – Firm 7(c) Storage Service
Section 6.1 – Rate Schedule GSS Form of Service
Section 6.2 – Rate Schedule LSS
Section 6.3 – Reserved
Section 6.4 – Rate Schedule SS-2 Form of Service
Section 6.5 – Rate Schedule S-2 Form of Service
Section 6.6 – Rate Schedule LG-A Form of Service
Section 7 – Interruptible 7(c) Storage Service
Section 7.1 – Rate Schedule LG-S Form of Service
Section 8 – Aggregation and Balancing Services
Section 8.1 – Rate Schedule PAL Form of Service
Section 8.2 – Rate Schedule POOLING
Section 9 – Sales Service

Section 9.1 - Rate Schedule NS

Section 10 - Other Services

Section 10.1 - Rate Schedule ICTS Form of Service

Section 10.2 - Reserved

PART VI - MISCELLANY

Section 1 – List of Non-Conforming Service Agreements

Section 2 - Volume No. 2 Tariff Table of Contents

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part I - Overview Section 2 - Preliminary Statement Version 0.0.0

PRELIMINARY STATEMENT

Transcontinental Gas Pipe Line Company, LLC owns and operates an interstate natural gas transmission system extending from its sources of supply in Texas, Louisiana and Mississippi through the States of Texas, Louisiana, Mississippi, Alabama, Georgia, South Carolina, North Carolina, Virginia, Maryland, Pennsylvania and New Jersey to its termini in the New York Metropolitan Area.

The locations of the Company's transmission lines, compressor stations and the principal points at which it delivers gas are shown on the maps included herein.

Sales will be made under specific service agreements and rate schedules and the Company reserves the right to limit its agreements for transportation and sale of gas for resale to customers acceptable to the Company after consideration of its existing commitments, supplies of gas, delivery capacity, point of delivery and other factors deemed pertinent by the Company.

Filed: July 20, 2010

Effective: July 20, 2010

MAPS

The System Map and maps for each zone are available at the internet website below.

System Map:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffSystem.pdf

Zone 1:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone1.pdf

Zone 2:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone2.pdf

Zone 3:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone3.pdf

Zone 4:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone4.pdf

Zone 4A:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone4A.pdf

Zone 4B:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone4B.pdf

Zone 5:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone5.pdf

Zone 6:

http://www.1line.williams.com/Transco/files/TariffSystemMaps/TranscoTariffZone6.pdf

Filed: June 2, 2016 Effective: July 3, 2016

PART II – STATEMENT OF RATES AND FUEL

PART II - STATEMENT OF RATES AND FUEL

SECTION 1 OPEN ACCESS FIRM TRANSPORTATION RATES

PART II - STATEMENT OF RATES AND FUEL

SECTION 1 OPEN ACCESS FIRM TRANSPORTATION RATES

SECTION 1.1
RATE SCHEDULE FT

STATEMENT OF RATES AND FUEL RATE SCHEDULE FT — NON-INCREMENTAL

Daily Reservation Rate per dt (Except for Former PS/ACQ Rate Schedules)

Receipt & Delivery Zone	Fixed Cost Unit Rate (\$)	Variable Cost Unit Rate (\$)	Electric Power Unit Rate (\$)	Maximum Rate 1/ (\$)	Minimum Rate 2/ 3/ (\$)
	(4)	(\$)	(2)	(5)	(5)
1-1	0.07746	0.00000	0.00015	0.07761	0.00015
1-2, 2-1	0.10643	0.00000	0.00042	0.10685	0.00042
1-3, 3-1	0.15129	0.00000	0.00085	0.15214	0.00085
1-4, 4-1	0.31928	0.00000	0.00216	0.32144	0.00216
1-5, 5-1	0.43300	0.00000	0.00328	0.43628	0.00328
1-6, 6-1	0.50064	0.00000	0.00392	0.50456	0.00392
2-2	0.09117	0.00000	0.00027	0.09144	0.00027
2-3, 3-2	0.13603	0.00000	0.00027	0.13673	0.00027
2-4, 4-2	0.30402	0.00000	0.00070	0.30603	0.00070 0.00201
2-5, 5-2	0.41774	0.00000	0.00201	0.42087	0.00201
2-6, 6-2	0.48538	0.00000	0.00313	0.48915	0.00313
3-3	0.10706	0.00000	0.00043	0.10749	0.00043
3-4, 4-3	0.27505	0.00000	0.00174	0.27679	0.00174
3-5, 5-3	0.38877	0.00000	0.00286	0.39163	0.00286
3-6, 6-3	0.45641	0.00000	0.00350	0.45991	0.00350
4-4	0.23019	0.00000	0.00131	0.23150	0.00131
4-5, 5-4	0.34391	0.00000	0.00243	0.34634	0.00131
4-6, 6-4	0.41155	0.00000	0.00307	0.41462	0.00243
4A-4A	0.09898	0.00000	0.00028	0.09926	0.00028
4B-4B	0.08637	0.00000	0.00024	0.08661	0.00024
4B-4A, 4A-4B	0.12315	0.00000	0.00052	0.12367	0.00052
5-5	0.17592	0.00000	0.00112	0.17704	0.00112
5-6, 6-5	0.24356	0.00000	0.00176	0.24532	0.00176
6-6	0.12984	0.00000	0.00064	0.13048	0.00064

Filed: February 28, 2017

<u>Daily Reservation Rate per dt for the Former PS Rate Schedule (December – February)</u>

	Fixed Cost	Variable Cost	Electric Power	Maximum	Minimum
Receipt &	Unit	Unit	Unit	Rate	Rate
Delivery Zone	Rate	Rate	Rate	1/	2/ 3/
	(\$)	(\$)	(\$)	(\$)	(\$)
3-3	0.10706	0.00000	0.00043	0.10749	0.00043
1-4	0.60631	0.00000	0.00410	0.61041	0.00410
2-4	0.57733	0.00000	0.00382	0.58115	0.00382
3-4	0.52232	0.00000	0.00331	0.52563	0.00331
1-5	0.83491	0.00000	0.00635	0.84126	0.00635
2-5	0.80593	0.00000	0.00607	0.81200	0.00607
3-5	0.75092	0.00000	0.00556	0.75648	0.00556
1-6	0.99418	0.00000	0.00786	1.00204	0.00786
2-6	0.96520	0.00000	0.00758	0.97278	0.00758
3-6	0.91019	0.00000	0.00707	0.91726	0.00707

<u>Daily Reservation Rate per dt for the Former ACQ Rate Schedule (March – November)</u>

Receipt & Delivery Zone	Fixed Cost Unit Rate (\$)	Variable Cost Unit Rate (\$)	Electric Power Unit Rate (\$)	Maximum Rate 1/ (\$)	Minimum Rate 2/ 3/ (\$)
1-6	0.26143	0.00000	0.00204	0.26347	0.00204
2-6	0.25331	0.00000	0.00196	0.25527	0.00196
3-6	0.23789	0.00000	0.00182	0.23971	0.00182

Gathering Charges

In addition to the charges above, the gathering rates on the Statement of Rates and Fuel for Firm and Interruptible Gathering Service in Section 9.1 of this Tariff shall apply to quantities transported through gathering facilities.

Notes:

- 1/ The Fixed and Variable Cost unit rates plus the Electric Power unit rate.
- 2/ The Variable Cost unit rate plus the Electric Power unit rate.

Filed: February 28, 2017

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part II - Statement of Rates and Fuel Section 1.1.1 - FT - Non-Incremental Rates Version 16.0.0

3/ The minimum reservation rate applicable to capacity release transactions that are not permanent releases shall not be less than zero.

Filed: February 28, 2017

Commodity Rate per dt (excluding surcharge) 1/

	Fixed	Variable	Electric		
er per una constitue de la companya	Cost	Cost	Power	Maximum	Minimum
	Unit	Unit	Unit	Rate	Rate
Receipt & Delivery Zone	Rate	Rate	Rate	2/	3/
	(\$)	(\$)	(\$)	(\$)	(\$)
1-1	0.00000	0.00172	0.00101	0.00273	0.00273
1-2, 2-1	0.00000	0.00459	0.00264	0.00723	0.00723
1-3, 3-1	0.00000	0.00695	0.00454	0.01149	0.01149
1-4, 4-1	0.00000	0.01722	0.01038	0.02760	0.02760
1-Sta 85 Zn 4 Pool	0.00000	0.00695	0.00454	0.01149	0.01149
1-Sta 85 Zn 4A Pool	0.00000	0.01722	0.01038	0.02760	0.02760
1-5, 5-1	0.00000	0.02498	0.01436	0.03934	0.03934
1-Station 165 Zn 5 Pool	0.00000	0.02498	0.01436	0.03934	0.03934
1-6, 6-1	0.00000	0.02952	0.01679	0.04631	0.04631
1-Station 210 Zn 6 Pool	0.00000	0.02952	0.01679	0.04631	0.04631
2-2	0.00000	0.00319	0.00163	0.00482	0.00482
2-3, 3-2	0.00000	0.00555	0.00353	0.00908	0.00908
2-4, 4-2	0.00000	0.01582	0.00937	0.02519	0.02519
2-Sta 85 Zn 4 Pool	0.00000	0.00555	0.00353	0.00908	0.00908
2-Sta 85 Zn 4A Pool	0.00000	0.01582	0.00937	0.02519	0.02519
2-5, 5-2	0.00000	0.02358	0.01335	0.03693	0.03693
2-Station 165 Zn 5 Pool	0.00000	0.02358	0.01335	0.03693	0.03693
2-6, 6-2	0.00000	0.02812	0.01578	0.04390	0.04390
2-Station 210 Zn 6 Pool	0.00000	0.02812	0.01578	0.04390	0.04390
3-3	0.00000	0.00268	0.00190	0.00458	0.00458
3-4, 4-3	0.00000	0.01295	0.00774	0.02069	0.02069
3-Sta 85 Zn 4 Pool	0.00000	0.00268	0.00190	0.00458	0.00458
3-Sta 85 Zn 4A Pool	0.00000	0.01295	0.00774	0.02069	0.02069
3-5, 5-3	0.00000	0.02071	0.01172	0.03243	0.03243
3-Sta 165 Zn 5 Pool	0.00000	0.02071	0.01172	0.03243	0.03243
3-6, 6-3	0.00000	0.02525	0.01415	0.03940	0.03940
3-Sta 210 Zn 6 Pool	0.00000	0.02525	0.01415	0.03940	0.03940
3-1 (WSS Wth)	0.00000	0.00459	0.00264	0.00723	0.00723
3-2 (WSS Wth)	0.00000	0.00319	0.00163	0.00482	0.00482
3-3 (WSS Wth)	0.00000	0.00032	0.00000	0.00032	0.00032
3-4 (WSS Wth)	0.00000	0.01059	0.00584	0.01643	0.01643
3- Sta 85 Zn 4 Pool (WSS Wth)	0.00000	0.00032	0.00000	0.00032	0.00032
3- Sta 85 Zn 4A Pool (WSS Wth)	0.00000	0.01059	0.00584	0.01643	0.01643
3-5 (WSS Wth)	0.00000	0.01835	0.00982	0.02817	0.02817
3-Sta 165 Zn 5 Pool (WSS Wth)	0.00000	0.01835	0.00982	0.02817	0.02817
3-6 (WSS Wth)	0.00000	0.02289	0.01225	0.03514	0.03514
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Filed: February 28, 2017

Receipt & Delivery Zone	-	Fixed Cost Unit Rate	Variable Cost Unit Rate	Electric Power Unit Rate	Maximum Rate 2/	Minimum Rate 3/
		(\$)	(\$)	(\$)	(\$)	(\$)
3-Sta 210 Zn 6 Pool (WSS Wth)		0.00000	0.02289	0.01225	0.03514	0.03514
4-4		0.00000	0.01059	0.00584	0.01643	0.01643
4- Sta 85 Zn 4 Pool		0.00000	0.00000	0.00000	0.00000	0.00000
4- Sta 85 Zn 4A Pool		0.00000	0.01059	0.00584	0.01643	0.01643
4-5, 5-4		0.00000	0.01835	0.00982	0.02817	0.02817
4-Sta 165 Zn 5 Pool		0.00000	0.01835	0.00982	0.02817	0.02817
4-6, 6-4		0.00000	0.02289	0.01225	0.03514	0.03514
4-Sta 210 Zn 6 Pool		0.00000	0.02289	0.01225	0.03514	0.03514
4A-4A		0.00000	0.00240	0.00143	0.00383	0.00383
4A- Sta 85 Zn 4 Pool		0.00000	0.00240	0.00143	0.00383	0.00383
4A- Sta 85 Zn 4A Pool		0.00000	0.00000	0.00000	0.00000	0.00000
Sta 85 Zn 4 Pool - 1		0.00000	0.01722	0.01038	0.02760	0.02760
Sta 85 Zn 4 Pool - 2		0.00000	0.01582	0.00937	0.02519	0.02519
Sta 85 Zn 4 Pool - 3		0.00000	0.01295	0.00774	0.02069	0.02069
Sta 85 Zn 4 Pool - 4		0.00000	0.01059	0.00584	0.01643	0.01643
Sta 85 Zn 4 Pool - 4A	4/	0.00000	0.01299	0.00727	0.02026	0.02026
Sta 85 Zn 4 Pool - Sta 85 Zone 4A Pool	4/	0.00000	0.01059	0.00584	0.01643	0.01643
Sta 85 Zn 4 Pool - 4B	4/	0.00000	0.01458	0.00846	0.02304	0.02304
Sta 85 Zn 4 Pool - 5		0.00000	0.01835	0.00982	0.02817	0.02817
Sta 85 Zn 4 Pool - Sta 165 Zn 5 Pool		0.00000	0.01835	0.00982	0.02817	0.02817
Sta 85 Zn 4 Pool - 6		0.00000	0.02289	0.01225	0.03514	0.03514
Sta 85 Zn 4 Pool - Sta 210 Zn 6 Pool		0.00000	0.02289	0.01225	0.03514	0.03514
Sta 85 Zn 4A Pool - 1	5/	0.00000	0.01962	0.01181	0.03143	0.03143
Sta 85 Zn 4A Pool - 2	5/	0.00000	0.01822	0.01080	0.02902	0.02902
Sta 85 Zn 4A Pool - 3	5/	0.00000	0.01535	0.00917	0.02452	0.02452
Sta 85 Zn 4A Pool - 4	5/	0.00000	0.01299	0.00727	0.02026	0.02026
Sta 85 Zn 4A Pool - Sta 85 Zone 4 Pool	5/	0.00000	0.00240	0.00143	0.00383	0.00383
Sta 85 Zn 4A Pool - 4A		0.00000	0.00240	0.00143	0.00383	0.00383
Sta 85 Zn 4A Poo! - 4B		0.00000	0.00399	0.00262	0.00661	0.00661
Sta 85 Zn 4A Pool - 5	5/	0.00000	0.02075	0.01125	0.03200	0.03200
Sta 85 Zn 4A Pool - Sta 165 Zn 5 Pool	5/	0.00000	0.02075	0.01125	0.03200	0.03200
Sta 85 Zn 4A Pool - 6	5/	0.00000	0.02529	0.01368	0.03897	0.03897
Sta 85 Zn 4A Pool - Sta 210 Zn 6 Pool	5/	0.00000	0.02529	0.01368	0.03897	0.03897
4B-4B		0.00000	0.00191	0.00119	0.00310	0.00310
4B-4A, 4A-4B		0.00000	0.00399	0.00262	0.00661	0.00661
4B- Sta 85 Zn 4 Pool		0.00000	0.00399	0.00262	0.00661	0.00661

Filed: February 28, 2017

 Receipt & Delivery Zone	Fixed Cost Unit Rate	Variable Cost Unit Rate	Electric Power Unit Rate	Maximum Rate 2/	Minimum Rate 3/
	(\$)	(\$)	(\$)	(\$)	(\$)
	,	,		.,	,
4B- Sta 85 Zn 4A Pool	0.00000	0.00191	0.00119	0.00310	0.00310
5- Sta 85 Zn 4 Pool	0.00000	0.00808	0.00398	0.01206	0.01206
5- Sta 85 Zn 4A Pool	0.00000	0.01835	0.00982	0.02817	0.02817
5-5	0.00000	0.00808	0.00398	0.01206	0.01206
5-Sta 165 Zn 5 Pool	0.00000	0.00808	0.00398	0.01206	0.01206
5-6, 6-5	0.00000	0.01262	0.00641	0.01903	0.01903
5-Sta 210 Zn 6 Pool	0.00000	0.01262	0.00641	0.01903	0.01903
Sta 165 Zn 5 Pool - 1	0.00000	0.01722	0.01038	0.02760	0.02760
Sta 165 Zn 5 Pool - 2	0.00000	0.01582	0.00937	0.02519	0.02519
Sta 165 Zn 5 Pool - 3	0.00000	0.01295	0.00774	0.02069	0.02069
Sta 165 Zn 5 Pool - 4	0.00000	0.01059	0.00584	0.01643	0.01643
Sta 165 Zn 5 Pool - Sta 85 Zn 4 Pool	0.00000	0.00000	0.00000	0.00000	0.00000
Sta 165 Zn 5 Pool - Sta 85 Zn 4A Pool	0.00000	0.01059	0.00584	0.01643	0.01643
Sta 165 Zn 5 Pool - 5	0.00000	0.00000	0.00000	0.00000	0.00000
Sta 165 Zn 5 Pool - 6	0.00000	0.00486	0.00243	0.00729	0.00729
Sta 165 Zn 5 Pool - Sta 210 Zn 6 Pool	0.00000	0.00486	0.00243	0.00729	0.00729
6- Sta 85 Zn 4 Pool	0.00000	0.01262	0.00641	0.01903	0.01903
6- Sta 85 Zn 4A Pool	0.00000	0.02289	0.01225	0.03514	0.03514
6- Sta 165 Zn 5 Pool	0.00000	0.01262	0.00641	0.01903	0.01903
6-6	0.00000	0.00486	0.00243	0.00729	0.00729
6- Sta 210 Zn 6 Pool	0.00000	0.00486	0.00243	0.00729	0.00729
Sta 210 Zn 6 Pool - 1	0.00000	0.02498	0.01436	0.03934	0.03934
Sta 210 Zn 6 Pool - 2	0.00000	0.02358	0.01335	0.03693	0.03693
Sta 210 Zn 6 Pool - 3	0.00000	0.02071	0.01172	0.03243	0.03243
Sta 210 Zn 6 Pool - 4	0.00000	0.01835	0.00982	0.02817	0.02817
Sta 210 Zn 6 Pool - Sta 85 Zn 4 Pool	0.00000	0.00808	0.00398	0.01206	0.01206
Sta 210 Zn 6 Pool - Sta 85 Zn 4A Pool	0.00000	0.01835	0.00982	0.02817	0.02817
Sta 210 Zn 6 Pool - 5	0.00000	0.00808	0.00398	0.01206	0.01206
Sta 210 Zn 6 Pool - Sta 165 Zn 5 Pool	0.00000	0.00808	0.00398	0.01206	0.01206
Sta 210 Zn 6 Pool - 6	0.00000	0.00000	0.00000	0.00000	0.00000

Filed: February 28, 2017

Effective: April 1, 2017

Gathering Charges

In addition to the charges above, the gathering rates on the Statement of Rates and Fuel for Firm and Interruptible Gathering Service in Section 9.1 of this Tariff shall apply to quantities transported through gathering facilities.

Notes:

- Pursuant to Section 27 of the General Terms and Conditions, the above charges shall be increased to include the ACA unit rate, if applicable, as published on the Commission's website, http://www.ferc.gov.
- 2/ The Fixed and Variable Cost unit rates plus the Electric Power unit rate.
- 3/ The Variable Cost unit rate plus the Electric Power unit rate.
- The Zone 4-4 commodity charge, which charge applies to quantities transported from the Zone 4 Pool for delivery to Zone(s) 4A or 4B, is included in the rates shown.
- The Zone 4A-4A commodity charge, which charge applies to quantities transported from the Zone 4A Pool for delivery to zones other than Zone(s) 4A or 4B, is included in the rates shown.

Filed: February 28, 2017 Effective: April 1, 2017

PART II - STATEMENT OF RATES AND FUEL

SECTION 3 OPEN ACCESS FIRM STORAGE RATES AND FUEL

STATEMENT OF RATES AND FUEL RATE SCHEDULE WSS-OPEN ACCESS WASHINGTON STORAGE SERVICE – OPEN ACCESS

Seller hereby provides notice that the rates set forth herein are subject to change, and Seller reserves all its rights and remedies with respect to the collection of the rates set forth herein, including but not limited to the right to seek adjustment(s) or surcharge(s) to such rates, in the event that the FERC's order(s) issued in Docket Nos. RP06-569-008 and RP07-376-005 (consolidated), relating to these rates are modified or reversed by the FERC on rehearing or are modified, vacated, reversed or remanded as a result of a court appeal of those orders.

Rate Schedule and Section

W.C. O			Maximum Daily Rate (dt)	Minimum Daily Rate (dt)
wss-Oper	Access – Washington Storage Service		(\$)	(\$)
3.3 (a)	Demand Charge		0.02557	0.00000
3.3 (b)	Storage Capacity Quantity Charge		0.00027	0.00000
3.3 (c)	Quantity Injected Charge		0.01456	0.01456
3.3 (d)	Quantity Withdrawn Charge		0.01456	0.01456
	WGL Midstream, Inc.			
3.3 (a)	Demand Charge		0.03114	0.00000
3.3 (b)	Storage Capacity Quantity Charge		0.00033	0.00000
3.3 (c)	Quantity Injected Charge		0.01456	0.01456
3.3 (d)	Quantity Withdrawn Charge		0.01456	0.01456
5	Injection Fuel Retention %	2.97%		

Filed: February 28, 2017

Effective: April 1, 2017

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part II - Statement of Rates and Fuel Section 3.2 - Reserved Version 1.0.0

Reserved For Future Use

Filed: April 13, 2011

Effective: April 1, 2011

PART II - STATEMENT OF RATES AND FUEL

SECTION 7 FIRM 7(c) STORAGE RATES AND FUEL

Part II - Statement of Rates and Fuel Section 7.1 - Rate Schedule GSS Rates Version 34.0.0

STATEMENT OF RATES AND FUEL RATE SCHEDULE GSS GENERAL STORAGE SERVICE

Section	1		Base Rate (dt) (\$)	Electric Power Rate (dt) (\$)	Third Party Rate (dt) (\$)	Total Daily Rate (dt) (\$)
3.2(a)	Demand Charge		0.07052	0.00026	0.02996	0.10074
3.2(b)	Storage Capacity	Quantity Charge	0.00028	0.00000	0.00025	0.00053
3.2(c)	Quantity Injected	d Charge 1/	0.03215	0.00243	0.01758	0.05216
3.2(d)	Quantity Withdr	awn Charge	0.03215	0.00243	0.00990	0.04448
3.2(e)	Excess Delivery f	rom Buyer's				
	Storage Gas Bala	nce Charge	0.54292	0.00394	0.27473	0.82159
3.2(f)	Excess End of Se Charge. See Sect Schedule GSS.					
			Third			
		Seller's	Party	Total		
		Fuel	<u>Fuel</u>	<u>Fuel</u>		
3.3, 8	Injection Fuel	1.08%	1.39%	2.47%		

Notes:

Pursuant to Section 27 of the General Terms and Conditions, the quantity injection charge shall be increased to include the ACA unit rate, if applicable, as published on the Commission's website, http://www.ferc.gov.

Filed: October 31, 2017

Effective: November 1, 2017

Part II - Statement of Rates and Fuel Section 7.5 - Rate Schedule S-2 Rates Version 30.0.0

STATEMENT OF RATES AND FUEL RATE SCHEDULE S-2

Section		Daily Charge (dt)
		(\$)
3.2 (a)	Demand Charge	0.14581
3.2 (b)	Capacity Charge	0.00397
3.2 (c)	Injection Charge	0.02955
3.2 (d)	Withdrawal Charge	0.03958
9	Demand Charge Adjustment	0.37677
3.4	Injection Fuel	0.63%
3.4	Withdrawal Fuel:	
	i. Winter Period – December 1 through March 31	2.07%
	ii. Spring, Summer and Fall Periods – April 1 through November 30	1.87%
3.4	Inventory Level Fuel	0.06%

PART II - STATEMENT OF RATES AND FUEL

SECTION 12 TRANSPORTATION FUEL RETENTION FACTORS

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part II – Statement of Rates and Fuel Section 12.1 - Firm and Interruptible Transportation Fuel Percentages Version 11.1.0

STATEMENT OF RATES AND FUEL FIRM AND INTERRUPTIBLE TRANSPORTATION FUEL

Fuel Retention Percentages (for Receipts other than Zone 4A or Zone 4B) 1/

Receipt						Delivery					
									Sta		Sta
					Sta 85	Sta 85	Zones		165		210
					Zone	Zone	4A &		Zone		Zone
	Zone	Zone	Zone	Zone	4	4A	48	Zone	5	Zone	9
	1	2	33	4	Pool	Pool	7/	2	Pool	9	Pool
Zone 1	0.16%	0.44%	0.72%	1.65%	0.72%	1.65%	1.90%	2.33%	2.33%	2.74%	2.74%
Zone 2		0.28%	0.56%	1.49%	0.56%	1.49%	1.74%	2.17%	2.17%	2.58%	2.58%
Zone 3			0.28%	1.21%	0.28%	1.21%	1.46%	1.89%	1.89%	2.30%	2.30%
Zone 4				0.93%		0.93%	1.18%	1.61%	1.61%	2.02%	2.02%
Sta 85 Zone 4 Pool 3/				0.93%		0.93%	1.18%	1.61%	1.61%	2.02%	2.02%
Zone 5	0.68%	0.68%	0.68%	0.68%	0.68%	0.68%	0.93%	0.68%	0.68%	1.09%	1.09%
Sta 165 Zone 5 Pool							0.25%			0.41%	0.41%
Zone 6	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.34%	1.09%	1.09%	0.41%	0.41%
Sta 210 Zone 6 Pool	0.68%	0.68%	0.68%	0.68%	0.68%	0.68%	0.93%	0.68%	0.68%		

Transcontinental Gas Pipe Line Company, LLC FERG-Gas-Tariff Fifth Revised Volume No. 1

Part II – Statement of Rates and Fuel Section 12.1 - Firm and Interruptible Transportation Fuel Percentages Version 11.1.0

Fuel Retention Percentages (for Receipts in Zone 4A or Zone 4B) 1/

Receipt						Delivery					
				Fwd	Back-					Zone, 5	Zone 6
				Haul	haul	Sta 85	Sta 85			જ	ૹ
	Zone	Zone	Zone	드	드	Zone	Zone			Sta 165	Sta 210
	1	2	m	Zone	Zone	4	44	Zone	Zone	Zone 5	Zone 6
	4/	4/	4/	4	4	Pool	Pool	44	4B	Pool	Pool
Zone 4A	0.25%	0.25%	0.25%	1.18%	0.25%	0.25%	0.00%	0.25%	0.25%	1.86%	2.27%
Sta 85 Zone 4A Pool 5/	0.25%	0.25%	0.25%	1.18%	0.25%	0.25%	0.00%	0.25%	0.25%	1.86%	2.27%
Zone 48	0.46%	0.46%	0.46%	1.39%	0.46%	0.46%	0.21%	0.46%	0.21%	2.07%	2.48%

Notes:

- zone is downstream of the delivery zone, the within zone fuel retention percentage(s) will apply for each zone(s) in which there is a The fuel retention percentages apply only to the forward-haul portion, if any, of a transportation. For transactions in which the receipt forward haul movement of gas. No fuel will be retained on transportation which does not include a forward-haul movement of gas. 7
- Transportation deliveries to Zone 4B do not entail the forward-haul movement of gas in Zone 4B. 7
- The Zone 4 fuel retention percentage, which percentage applies to quantities transported from the Station 85 Zone 4 Pool, is included in the fuel retention percentages shown. 3/
- The stated fuel retention percentages for deliveries to Zones 1, 2 or 3 assume no forward-haul movement of gas in Zones 1 2 or 3. 4
- The Zone 4A fuel retention percentage, which percentage applies to quantities transported from the Station 85 Zone 4A Pool, is included in the fuel retention percentages shown.

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PART V - FORMS OF SERVICE AGREEMENT

SECTION 6
FIRM 7(c) STORAGE SERVICE

Part V - Forms of Service Agreement Section 6.1 – Rate Schedule GSS Form of Service Version 1.0.0

FORM OF SERVICE AGREEMENT (For Use Under Seller's GSS Rate Schedule)

THIS AGE	REEMENT entered into this $_$	day of	(year), by and
between TRAI	NSCONTINENTAL GAS PIPE LII	NE COMPANY,	LLC, a Delaware limited liability company
nereinatter	referred to as "Seller",		
	, hereinafter referred to a	s "Buyer", seco	ond party,
	14	1 TN 5 6 6 5 T	
	W	ITNESSETI	н:
WHEREAS	5,		
NOW, TH	EREFORE, Seller and Buyer agre	ee as follows:	
	SFRVI	ARTICLE I	DERED
	JENN.	DE TO DE MENTO	
agrees to rece storage (or cau	ive from Buyer for storage, inj	ect into storage for Buyer's acc	nt and of Seller's Rate Schedule GSS, Seller se for Buyer's account, store, withdraw from count, stored, and withdrawn from storage)
		maximum qua	o be withdrawn from storage, the gas stored antity in any day of dt, which quantity
	To receive and store or of dt, which quantity	cause to be st shall be Buyer'	tored up to a total quantity at any one time 's Storage Capacity Quantity.
	PO	ARTICLE II NT OF DELIVER	RY
The Point shall be at or no	or Points of Delivery for all nat ear:	ural gas delive	red by Seller to Buyer under this agreement
	DEI	ARTICLE III IVERY PRESSUR	DE
	DCL	IVERT PRESSUR	KE .
Seller shal	l deliver natural gas to Buyer at	the Point(s) of	f Delivery at a pressure(s) of:
d: June 2, 2016			Effective: July 3, 2
		Page 1 of 3	Lifective. July 3, 2

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part V - Forms of Service Agreement Section 6.1 – Rate Schedule GSS Form of Service Version 1.0.0

ARTICLE IV TERM OF AGREEMENT

This agreement shall be effective period

and shall remain in force and effect for a

ARTICLE V RATE SCHEDULE AND PRICE

Buyer shall pay Seller for natural gas service rendered hereunder in accordance with Seller's Rate Schedule GSS and the applicable provisions of the General Terms and Conditions of Seller's FERC Gas Tariff as filed with the Federal Energy Regulatory Commission, and as the same may be amended or superseded from time to time at the initiative of either party. Such rate schedule and General Terms and Conditions are by this reference made a part hereof.

ARTICLE VI MISCELLANEOUS

- 1. The subject headings of the Articles of this agreement are inserted for the purpose of convenient reference and are not intended to be a part of this agreement nor to be considered in any interpretation of the same.
- 2. This agreement supersedes and cancels as of the effective date hereof the following contracts:
- 3. No waiver by either party of anyone or more defaults by the other in the performance of any provisions of this agreement shall operate or be construed as a waiver of any future default or defaults, whether of a like or different character.
- 4. This agreement shall be interpreted, performed and enforced in accordance with the laws of the State of .
- 5. This agreement shall be binding upon, and inure to the benefit of the parties hereto and their respective successors and assigns.
- 6. Notices to either party shall be in writing and shall be considered as duly delivered when mailed to the other party at the following address:
 - (a) If to Seller:

Transcontinental Gas Pipe Line Company, LLC P. O. Box 1396 Houston, Texas 77251 Attention:

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part V - Forms of Service Agreement Section 6.1 – Rate Schedule GSS Form of Service Version 1.0.0

(b) If to Buyer:

Such addresses may be changed from time to time by mailing appropriate notice thereof to the other party.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be signed by their respective officers or representatives thereunto duly authorized.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (Seller)

Ву		
Print Name	11 2	
Title		
		======
	(Buyer)	
Ву		
Print Name _		
Titlo		

Filed: June 2, 2016

Effective: July 3, 2016

PART III - RATE SCHEDULES

SECTION 1 OPEN ACCESS FIRM TRANSPORTATION SERVICE

RATE SCHEDULE FT Firm Transportation Service

1. AVAILABILITY

Service under this rate schedule is available to any gas company or any other party (hereinafter referred to as "Buyer") for the transportation of natural gas by Transcontinental Gas Pipe Line Company, LLC (hereinafter referred to as "Seller") on Seller's system when:

- 1.1 Buyer desires firm transportation service of gas under this rate schedule; and
 - (a) Buyer has converted from firm sales service under Seller's CD, G or OG rate schedules or Seller's non-jurisdictional direct industrial sales agreement to firm transportation service pursuant to this rate schedule; or
 - (b) Buyer has converted from firm sales service under Seller's PS or ACQ rate schedules to firm transportation service pursuant to this rate schedule; or
 - (c) Buyer and Seller have agreed to convert existing firm service to service under this rate schedule; or
 - (d) Buyer has submitted a valid request in accordance with Section 8 hereof for service under this rate schedule and Seller has available capacity to render such service; and
- 1.2 Buyer and Seller have executed a service agreement for service under this rate schedule.
- 1.3 Service under this rate schedule is also available for transportation when Buyer has obtained released firm capacity from a Rate Schedule FT Buyer releasing such firm capacity ("Releasing Shipper") pursuant to Section 42 of the General Terms and Conditions.

2. APPLICABILITY AND CHARACTER OF SERVICE

- 2.1 This rate schedule shall apply to all firm transportation service rendered by Seller for Buyer including firm transportation service released under this rate schedule pursuant to Section 42 of the General Terms and Conditions. Service shall be rendered pursuant to Seller's blanket certificate or Part 284 of the Commission's regulations and the executed service agreement for service under this rate schedule.
- 2.2 Transportation service provided under the terms of this rate schedule shall be limited to the delivery by Seller of up to Buyer's Transportation Contract Quantity (TCQ) specified in the executed service agreement plus fuel attributable to Rate Schedule GSS injections, if applicable.
- 2.3 Transportation service provided under this rate schedule shall be on a firm basis and shall not be subject to reduction or interruption, except as provided in Section 11 or 42 of the General Terms and Conditions.
- 2.4 Transportation service available hereunder to a Buyer of capacity resulting from a conversion from Seller's PS Rate Schedule shall be limited to the period commencing on

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

December 1 of each year through the last day of February of the following year unless otherwise specified in the service agreement.

- 2.5 Transportation service available hereunder to a Buyer of capacity resulting from a conversion from Seller's ACQ Rate Schedule shall be limited to the period commencing on March 1 of each year through November 30 of the same year.
- 2.6 Except as otherwise agreed to by Buyer and approved by the Commission, Section 284.221(d)(1) of the Commission's regulations shall apply to service under this rate schedule subject to the right of first refusal procedures, if applicable, set forth in Section 48 of the General Terms and Conditions.
- 2.7 Transportation service available hereunder to a Buyer of capacity resulting from a conversion from Seller's Rate Schedules X-289 through X-313 ("Southern Expansion Capacity"), from the unbundling/conversion of Rate Schedule SS-1, or from a conversion from Rate Schedule SS-1 Section 7(c) Transportation Service shall be limited to the period commencing on November 1 of each year through March 31 of the following year. Further, Southern Expansion Capacity (certificated in Docket No. CP88-760) has a TCQ applicable to the peak winter months of December, January, and February and a lower TCQ applicable to the shoulder months of November and March.
- 2.8 In any zone for which Buyer pays a reservation charge to Seller under this rate schedule, Buyer shall have access, on a secondary basis, to receipt and delivery points within that zone which are (i) located on Seller's mainline system upstream of Station 85, which does not include points upstream of Station 30, (ii) located on Seller's Mobile Bay Lateral, or (iii) downstream of Station 85 but not located within Buyer's firm contract path, as defined by those receipt and delivery points specifically identified in Buyer's FT service agreement; provided however, Buyer shall not have access on a secondary basis to receipt or delivery points located on any of Seller's delivery laterals as enumerated in Section 21.2 of the General Terms and Conditions.

The quantities to be received or delivered on a secondary basis will be (i) those quantities in excess of Buyer's firm capacity entitlement at the respective point of receipt or delivery, and shall not exceed Buyer's total firm capacity entitlement for the zone in which the point of receipt or delivery is located and (ii) quantities within Buyer's firm capacity entitlement at the respective point of receipt or delivery when Buyer's TCQ at those points consists entirely of secondary firm capacity entitlements obtained pursuant to Section 42 of the General Terms and Conditions. Notwithstanding anything to the contrary in the foregoing, the sum of all quantities that can be nominated in any segment in a zone by Buyer and by any and all Replacement Shippers that derive a firm capacity entitlement in that zone from Buyer shall be limited to Buyer's original firm capacity entitlement under this Rate Schedule FT in that segment of the zone. If the sum of all such nominated quantities exceeds Buyer's original firm capacity entitlement under this Rate Schedule FT in that segment of the zone, the nominations using capacity on a secondary basis in any segment covered by the nomination shall be reduced on a pro rata basis, based upon nominated quantities in each segment. Nominations that are not using capacity on a secondary basis in any segment shall not be subject to reduction under this Section 2.8. Further, Reverse Path transportation, as defined

in Section 2.9(b) herein, which results in the delivery of gas to a point downstream of the point of receipt will be scheduled on a secondary basis. Quantities received or delivered on a secondary basis shall have the priority set forth in Section 28 of the General Terms and Conditions and shall be subject to reduction or interruption as specified in Sections 11 and 28 of the General Terms and Conditions.

- 2.9 For transportation service under this rate schedule the following terms shall apply in order to indicate direction of flow:
 - (a) Primary Path

The transportation path established by the receipt and delivery points as set forth in Buyer's executed service agreement.

(b) Reverse Path

The transportation path that is in the opposite direction of the Primary Path as defined in Section 2.9(a) above.

3. RATES AND CHARGES

- 3.1 For transportation service rendered to Buyer each month under this rate schedule, Buyer shall pay to Seller the sum of Seller's Reservation and Commodity Charge(s) determined as follows:
 - (a) Reservation Charge: Buyer's applicable TCQ(s) multiplied by the applicable reservation rate(s) multiplied by the number of days in the month that capacity was held. If Buyer acquires capacity through a volumetric release, the reservation charge shall be the rate set forth in the applicable capacity release award posted on 1Line multiplied by the quantities (dts) delivered each day (up to Buyer's TCQ); provided, however, Buyer's monthly bill may be subject to adjustment to account for any minimum volumetric commitment specified in such capacity release award.
 - (b) Commodity Charge: The applicable FT commodity rate(s) multiplied by the quantities (dts) delivered.
- 3.2 For transportation service under this rate schedule, Seller's Reservation Charges shall be calculated as follows:
 - (a) The Reservation Charge each month for a Conversion Buyer (as defined in Section 7 of this rate schedule) shall be determined as the sum of the following:
 - (i) 17% x Buyer's TCQ x the applicable reservation rate from Zone 1

Filed: June 2, 2016

Effective: July 3, 2016

Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

(Station 30) to Buyer's delivery zone x the number of days in the month that capacity was held.

- (ii) 25% x Buyer's TCQ x the applicable reservation rate from Zone 2 (Station 45) to Buyer's delivery zone x the number of days in the month that capacity was held.
- (iii) 19% x Buyer's TCQ x the applicable reservation rate from Zone 3 (Station 50) to Buyer's delivery zone x the number of days in the month that capacity was held.
- (iv) 39% x Buyer's TCQ x the applicable reservation rate from Zone 3
 (Station 62) to Buyer's delivery zone x the number of days in the month that capacity was held.
- (b) In addition to the above, Conversion Buyers electing firm capacity entitlements described in Section 7.4 of this rate schedule shall pay a Reservation Charge each month under this rate schedule determined by multiplying Buyer's TCQ attributable to the firm capacity so elected by the Zone 3-3 Reservation Rate for each day in the month that capacity was held.
- (c) The Reservation Charge each month for all other Buyers under this rate schedule shall be determined by multiplying Buyer's TCQ by the applicable reservation rate for each day in the month that capacity was held.
- 3.3 If, under the provisions of Section 11.1 through 11.4 of the General Terms and Conditions, Seller orders interruption or reduction of service to Buyer, then the Reservation Charge for the month in which such day or days occur shall be computed as follows: Determine for each such day the number of dt which Seller was unable to deliver, and multiply the sum of all such days' deficiencies by the reservation rate per dt of TCQ, and the result shall be subtracted from the Reservation Charge for such month as otherwise computed. No adjustment to the Reservation Charge shall be made as a result of a reduction or interruption of service under the provisions of Sections 11.5 or 11.6 of the General Terms and Conditions.
- 3.4 For transportation service under this rate schedule, the Commodity Charge shall consist of the applicable FT commodity rate multiplied by the quantities (dts) delivered.
- 3.5 The maximum and minimum reservation and commodity rates for firm transportation service are shown on the effective Statement of Rates and Fuel in Part II, Section 1.1 of this tariff. Buyer shall pay such maximum rates for service under this rate schedule unless Seller, in its sole judgment, agrees to discount its rate to Buyer. Such discount may be granted consistent with the applicable provisions of Section 40 of the General Terms and Conditions. Further, Buyer and Seller may mutually agree to a negotiated rate pursuant to the provisions of Section 53 of the General Terms and Conditions. Such negotiated rate shall be set forth in the executed service agreement.

- 3.6 For purposes of capacity release, the Reservation Charges per TCQ payable by Buyer shall be as set forth in the applicable capacity release award posted on 1Line consistent with the provisions of Section 42 of the General Terms and Conditions. The maximum reservation rates for firm transportation service are shown on the effective Statement of Rates and Fuel in Part II, Section 1.1 of this tariff, however, for releases that become effective on or after July 30, 2008, the maximum rate ceiling does not apply to such releases provided the release is for a term of one year or less and the release is to take effect on or before one year from the date on which the pipeline is notified of the release. The rate paid in any capacity release transaction not subject to the maximum rate ceiling will not be subject to refund. The minimum reservation rate applicable to capacity release transactions that are not permanent releases shall be zero unless otherwise specified in the capacity release offer. The maximum and minimum commodity rates for firm transportation service are shown on the effective Statement of Rates and Fuel in Part II, Section 1.1 of this tariff.
- 3.7 Seller shall retain from the quantities of gas delivered by Buyer at the point(s) of receipt for transportation under this rate schedule a percentage(s) of such gas for compressor fuel and line loss make-up. Such percentage(s) are specified on the effective Statement of Rates and Fuel in Part II, Section 12.1 of this tariff.
- 3.8 Buyer shall pay Seller any and all filing fees incurred as a result of Buyer's request for Seller's performance of service under this rate schedule, to the extent such fees are imposed upon Seller by the FERC or any other governmental authority having jurisdiction. Buyer shall pay Seller for such fees at Seller's designated office or depository within ten days of receipt of Seller's invoice detailing the amount of such fees.
- 3.9 Buyer shall reimburse Seller for the costs of any facilities installed by Seller with Buyer's consent which are necessary to receive, measure, transport or deliver gas to or for the account of Buyer.
- 3.10 To the extent that Buyer elects to use this rate schedule to transport withdrawal quantities from Seller's Washington Storage Field, the following commodity charges shall apply:
 - (a) For deliveries downstream of Zone 3 transportation charges commence in Zone 4 and end in the zone of delivery.
 - (b) For deliveries upstream of Zone 3 transportation charges commence in Zone 2 and end in the zone of delivery.
 - (c) For deliveries in Zone 3 see the effective Statement of Rates and Fuel in Part II, Section 1.1.1 of this tariff.
- 3.11 Any quantities pooled at Seller's Station 85 Zone 4 pool that are nominated and delivered in Zone 4A or Zone 4B will be assessed, as a component of the total commodity charges and fuel retention applicable to such deliveries, the Zone 4 to Zone 4 commodity charges and fuel retention under this rate schedule.

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

Any quantities pooled at Seller's Station 85 Zone 4A pool that are nominated and delivered in zones other than Zone 4A or Zone 4B will be assessed, as a component of the total commodity charges and fuel retention applicable to such deliveries, the Zone 4A to Zone 4A commodity charges and fuel retention under this rate schedule.

4. RECEIPTS AND DELIVERIES

- 4.1 Transportation service under this rate schedule shall consist of: (a) the receipt of gas on behalf of Buyer up to Buyer's TCQ quantity (plus fuel retained pursuant to the provisions of Section 3.7 hereof and injection fuel under Seller's Rate Schedule GSS, if applicable) at (i) primary points of receipt which include the furthest upstream point(s) of receipt specified in the executed service agreement and all points of receipt within Buyer's firm contract path, or (ii) at secondary point(s) of receipt pursuant to Section 2.8 hereof; (b) the transportation of gas through Seller's pipeline; (c) the delivery of equivalent quantities (dts) of natural gas (less fuel retained pursuant to the provisions of Section 3.7 hereof) by Seller to Buyer, or for Buyer's account, at (i) the point(s) of delivery specified in the executed service agreement ("traditional delivery point(s)"), (ii) the point(s) of delivery within Buyer's firm contract path upstream of Buyer's traditional delivery point(s) ("non-traditional delivery points"), or (iii) secondary delivery points pursuant to Section 2.8 of this rate schedule.
- 4.2 Buyer shall make any necessary arrangements with other parties so as to be able to deliver gas to Seller at the point(s) of receipt and receive gas at the point(s) of delivery where Seller delivers gas after transportation; provided, however, that such arrangements shall be compatible with the operating conditions of Seller's pipeline system and shall provide for coordinated scheduling with Seller. Buyer shall deliver, or cause to be delivered to Seller the scheduled daily quantities hereunder as nearly as possible at uniform hourly rates.
- 4.3 Seller's ability to receive gas under this rate schedule at specific point(s) of receipt is subject to the operating limitations of Seller and the upstream party at such point(s) and to the availability of capacity after performance by Seller of any existing certificated firm service arrangements under other rate schedules between Seller and third parties at such point(s) of receipt. If an allocation of capacity at a point of receipt is required by Seller, Seller shall prorate quantities scheduled at that point among all Buyers under this rate schedule requesting service on that day based upon the relative priority of scheduled quantities at the specific point(s) of receipt on Seller's pipeline system. Quantities nominated from secondary receipt points provided in Section 2.8 of this rate schedule, shall be interrupted first under this rate schedule, and shall be reduced prorata based upon the requested quantities. All other quantities scheduled hereunder will be reduced based upon relative TCQ quantities on that segment of Seller's pipeline system.
- 4.4 A Buyer under this rate schedule that has rights to nominate quantities of gas for delivery into or receipt from Seller's Station 85 Zone 4 pool (located at the point of interconnection between Seller's mainline and Mobile Bay Lateral at milepost 784.66 in Choctaw County, Alabama), may also nominate quantities of gas for delivery into or receipt from Seller's Station 85 Zone 4A pool (located at the point of interconnection between Seller's mainline and Mobile Bay Lateral at milepost 0.00 in Choctaw County, Alabama). Similarly, a Buyer under this rate schedule that has rights to nominate quantities of gas for delivery into or

receipt from Seller's Station 85 Zone 4A pool, may also nominate quantities of gas for delivery into or receipt from Seller's Station 85 Zone 4 pool.

4.5 Each executed service agreement shall specify Buyer's traditional FT delivery point(s). In addition, all delivery point(s) upstream of such traditional FT delivery point(s) ("non-traditional delivery points") located within Buyer's TCQ entitlements, as specified in Sections 7.2 and 7.3 hereof, shall be made available to Buyer by Seller posting such delivery points on 1Line. Buyer's ability to nominate transportation service to such upstream non-traditional delivery point(s) will be subject to: (a) operating and tariff limitations at such point(s); (b) confirmation and acceptance by the delivery point operator; and further, may be subordinate to any firm services scheduled to such point(s) which are traditional FT, FTN, FTP or FT-G delivery points of another firm Buyer.

Additionally, a Buyer under this rate schedule may nominate quantities of gas for transportation to secondary delivery points pursuant to Section 2.8 of this rate schedule.

- 4.6 Transportation service under this rate schedule, from the receipt point(s) and to the delivery point(s) specified in this Section 4 shall be subject to any applicable tariff limitations and contract capacity entitlements. The sum of Buyer's deliveries through a given segment of Seller's pipeline shall be limited to Buyer's TCQ quantity as specified in the executed service agreement for such segment of capacity.
- 4.7 Buyers under this rate schedule shall schedule transportation service to valid delivery points from valid receipt points without restriction to the direction of flow, provided however, the sum of the volumes scheduled on any day (upstream and/or downstream) through a given segment of Seller's pipeline shall not exceed Buyer's TCQ quantity as specified in the executed service agreement for such segment of capacity. Subject to the foregoing sentence and to other provisions of this rate schedule, Buyer, and any and all Replacement Shippers that derive a firm capacity entitlement from Buyer, may schedule on any day forwardhaul transportation up to Buyer's TCQ quantity and backhaul transportation up to Buyer's TCQ quantity, within or outside Buyer's firm contract path (as defined by those receipt and delivery points specifically identified in Buyer's FT service agreement), for delivery at the same valid delivery point at the same time. Further, Reverse Path transportation, as defined in Section 2.9(b) hereof, is subject to the operating conditions of Seller's pipeline and will not be made available to Buyer if Seller, in Seller's sole discretion, determines that such transportation is operationally infeasible.
- 4.8 For capacity release transactions, receipt and delivery points will be established by the terms of the capacity release agreement. The rights of the Replacement Shipper at any particular point shall be those rights of the Releasing Shipper.

5. SCHEDULING AND BALANCING

Buyer shall nominate service under this rate schedule in accordance with the procedures set forth in Section 28.1 of the General Terms and Conditions subject to (a) and (b) below. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Buyer shall

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Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

nominate receipt point quantities for delivery to the nominated points of delivery. Such nominated quantities shall be subject to confirmation by Seller which shall be based on the best operating information available to Seller. Such confirmed quantity shall be deemed the scheduled quantity. Buyer and Seller shall have scheduling personnel available to be contacted 7 days a week, 24 hours a day, and Buyer shall cause the operators at the point(s) of receipt and delivery to do the same.

- (a) Buyer may request to renominate gas supplies from available alternative receipt point(s) during the day (subject to verification and confirmation by Seller) in accordance with Section 28.1 of the General Terms and Conditions in order to mitigate unexpected gas production outages. Seller will use all reasonable efforts to accommodate such requests, when operating conditions on Seller's system permit.
- (b) Buyer may take daily delivery, at the point(s) of delivery set forth in Buyer's service agreement hereunder, of quantities greater than or less than the quantities scheduled in advance pursuant to this Section 5.1, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services at Swing Service Delivery Points; provided, however, nothing herein shall give Buyer the right to take delivery hereunder on any day of quantities in excess of Buyer's TCQ, as adjusted pursuant to Section 11 of the General Terms and Conditions.
- 5.2 Buyer shall have the responsibility to adjust and maintain a concurrent balance between receipts and deliveries based on the best information available to Buyer. Seller shall have the responsibility to monitor daily receipts and daily deliveries during the month based on the best operating information available to Seller (including electronic gas measurement estimates or actuals) and shall make such information available in accordance with Section 29 of the General Terms and Conditions. Seller shall install the appropriate equipment and facilities on its pipeline system as determined by Seller to accurately measure gas receipts and deliveries. Any imbalances between Buyer's deliveries of gas for transportation and Seller's redeliveries shall be kept to a minimum. For daily imbalances between receipts and deliveries exceeding 10 percent or 1,000 dth (whichever is greater) or cumulative imbalances exceeding 5 percent or 1,000 dth (whichever is greater) Seller, upon notice to Buyer, which notice shall be given at least 24 hours in advance, unless exigent circumstances dictate otherwise, may issue Operational Controls or Operational Flow Orders pursuant to Sections 51 and 52 of the General Terms and Conditions to require adjustments to Buyer's daily scheduling of receipts or deliveries over a reasonable period of time to maintain a concurrent balance when the operational integrity of Seller's pipeline system would otherwise be threatened.
- 5.3 Each month imbalances shall be resolved in accordance with the provisions of Sections 25 and 37 of the General Terms and Conditions.

6. BYPASS OF A LOCAL DISTRIBUTION COMPANY

6.1 In the event Seller bypasses a Buyer that is a local distribution company to provide service directly to a gas burning facility that, prior to the date of such direct service,

was served by that local distribution company, then the bypassed local distribution company will have certain options, as described below, related to such bypass provided the local distribution company meets the following conditions:

- (a) Buyer is a Conversion Buyer as defined in Section 7.1 of this rate schedule; and
- (b) Buyer formerly contracted for sales service under Seller's now-terminated Rate Schedule FS for a term of at least three (3) years.
- 6.2 If Seller is required to provide firm or interruptible transportation service directly to an existing gas burning facility that prior to the date of commencement of such direct service was receiving gas service from Buyer (Existing Facility), thereby excluding Buyer from such transaction:

Seller shall offer firm or interruptible transportation service, as applicable, to Buyer under the same terms and conditions (including rates) offered to the Existing Facility for a volume of gas equal to the maximum daily transportation service provided directly to the Existing Facility by Seller.

- 6.3 If Seller voluntarily provides firm or interruptible transportation service directly to an Existing Facility thereby excluding Buyer from such transaction:
 - (a) Seller shall offer firm or interruptible transportation service, as applicable, to Buyer under the same terms and conditions (including the lowest rates) offered to any facility served directly by Seller in Buyer's existing service territory for a volume of gas equal to the maximum daily transportation service provided directly to the Existing Facility by Seller, or
 - (b) Buyer shall have the right to elect, within six (6) months following receipt of notice that such direct service will be provided to an Existing Facility by Seller, to reduce its Rate Schedule FT entitlements. Buyer agrees to specify, at the time of such election, the date, which shall be a date no earlier than six (6) months following the date of Buyer's election and no later than thirty-six (36) months following the date of Buyer's election, on which such reductions will become effective. Such reductions in Rate Schedule FT service shall be no greater than the maximum daily transportation service provided directly by Seller to such Existing Facility.
 - (c) Transco will provide written notice to Buyer sixty (60) days prior to commencement of voluntary direct transportation service to an Existing Facility.

Filed: June 2, 2016

(d) For purposes of this Section 6.3, Seller shall be deemed to have voluntarily provided direct service to an Existing Facility if Seller voluntarily constructs facilities connecting its system to an Existing Facility or if Seller does not oppose a tap into its system by an Existing Facility or a third party the purpose of which, at the time the tap is constructed, is to bypass Buyer and serve an Existing Facility.

7. SERVICE RIGHTS OF CONVERSION BUYERS

- 7.1 A Conversion Buyer for purposes of this Section 7, is a Buyer that has converted a firm sales contract to service under this rate schedule or a Buyer that receives service under this rate schedule by virtue of a reallocation of firm daily sales or firm mainline transportation capacity on Seller's system.
- 7.2 A Conversion Buyer shall be allocated its full firm TCQ capacity through Seller's mainline facilities commencing at Seller's Station 65 and terminating downstream at the Conversion Buyer's market area delivery points.
- 7.3 Conversion Buyers shall be allocated capacity through Seller's mainline system upstream of Station 65 as follows: Each Conversion Buyer shall be allocated capacity equal to the quantity determined by multiplying (i) such Conversion Buyer's TCQ commencing at Station 65 by (ii) the following percentages as applicable to each of the following sections of Seller's system:

	Section of Seller's	
	line System Upstream	_
	ation 65 (Compressor	Cumulative
Sta	ation to Compressor	<u>Percentage</u>
	Station)	p. ří
	30 - 45	17%
	45 - 50	42%
	50 - 65	61%
	62 - 65	39%

Transportation service from an off mainline receipt point upstream of one of the above designated compressor stations to any such compressor station which is a firm receipt point for Buyer under this rate schedule shall be provided by Seller under an interruptible feeder arrangement as set forth in Section 3.9 of Rate Schedule IT.

7.4 In addition to the capacity entitlements specified in Section 7.3 hereof, Buyers converting from Rate Schedule PS to firm transportation service hereunder may elect to purchase a firm daily capacity entitlement on an annual basis from Seller's Station 54 to 65 equal to the difference between Buyer's Station 50-65 capacity entitlement as set forth in Section 7.3 hereof and 100% of Buyer's PS conversion TCQ.

8. OTHER CONDITIONS OF SERVICE

8.1 Requests for transportation hereunder shall be considered acceptable only if Buyer has completed and returned Seller's transportation service request form (which is available to all Buyers and potential Buyers on request) electronically via 1Line or to the following address:

Transcontinental Gas Pipe Line Company, LLC Attention: Customer Services P. O. Box 1396 Houston, Texas 77251

Such request for service shall contain the information specified in Seller's transportation service request form, as such may be revised from time to time, and

- (a) Either with the request for service or at the time of execution of the service agreement, such other information, in writing, as is required to comply with regulatory reporting or filing requirements; and
- (b) Sufficient information to determine Buyer's creditworthiness in accordance with Section 32 of the General Terms and Conditions.
- 8.2 Requests for transportation hereunder shall be void unless Buyer executes a service agreement for service under this rate schedule within thirty (30) days after Seller has tendered such agreement to Buyer and provides the following information to Seller in writing prior to or at the time that Buyer executes such service agreement.
 - (a) If the transportation service is to be provided pursuant to Section 311(a) of the Natural Gas Policy Act (NGPA), certification including sufficient information to verify that Buyer's transportation service qualifies under Section 311(a) of the NGPA. Such certification shall include a statement by the intrastate pipeline or local distribution company on whose behalf such transportation service is to be performed that:
 - (i) The intrastate pipeline or local distribution company has physical custody of and transports the natural gas at some point; or
 - (ii) The intrastate pipeline or local distribution company holds title to the natural gas at some point, which may occur prior to, during, or after the time that the gas is being transported by the interstate pipeline, for a purpose related to its status and functions as an intrastate pipeline or its status and functions as a local distribution company; or
 - (iii) The gas is delivered at some point to a customer that either is located in a local distribution company's service area or is physically able to receive direct deliveries of gas from an intrastate pipeline, and that local distribution company or intrastate pipeline certifies that it is on its behalf that the interstate pipeline is providing transportation service.

Filed: June 2, 2016

- 8.3 If the transportation service is to be provided under one service agreement for multiple affiliated Buyers ("Principals") that have designated an affiliate to act as agent on their behalf ("Agent"), Principals shall provide notice of such to Seller and shall also provide sufficient information to verify:
 - (a) that Principals collectively meet the "shipper must have title" requirement as set forth in Section 13 hereof;
 - (b) that each Principal agrees that it is jointly and severally liable for all of the obligations of Buyer under the service agreement; and
 - (c) that Principals agree that they shall be treated collectively as one Buyer for nomination, allocation and billing purposes.

Agent shall be permitted to unilaterally amend the service agreement to remove a Principal or to add a Principal that satisfies the requirements of Section 8.1(b) of this rate schedule and of this Section 8.3 without using the procedures set forth in Section 42 of the General Terms and Conditions. No such amendment shall be binding on Seller prior to the date that notice thereof has been given to Seller.

- 8.4 Seller shall not be required to perform service under this rate schedule in the event all facilities necessary to render the requested service do not exist at the time the request is made.
- 9. RESERVED FOR FUTURE USE

10. BUYER'S RESPONSIBILITIES

Buyer recognizes that, as between it and Seller, Buyer has sole control over its physical takes of gas from Seller's system and therefore has a duty to refrain from taking delivery of volumes in excess of Buyer's TCQ, as adjusted pursuant to Section 11 of the General Terms and Conditions. Buyer further recognizes that Buyer may cause hardship and economic damage to other Buyers in the event Buyer takes delivery of volumes in excess of Buyer's TCQ, as adjusted, for which Buyer may be held accountable either through a direct cause of action by such other Buyers or as an impleaded or third party defendant in a suit by such other Buyers. In no event shall the payment of a penalty for an overrun quantity pursuant to Section 18 of the General Terms and Conditions be considered as giving Buyer the right to take such overrun quantity nor shall such payment be considered as a substitute for all other rights and remedies (including but not limited to consequential damages) available to any other Buyer against Buyer for failure to respect its obligation to stay within its TCQ, as adjusted.

Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

11. SELLER'S RESPONSIBILITIES

Seller recognizes that it has a duty to use reasonable care and prudent operating procedures to allow Buyer to schedule for delivery within its TCQ, as adjusted pursuant to Section 11 of the General Terms and Conditions, the gas quantities available to Buyer up to the amount verified and confirmed by Seller based on the best operating information available to Seller. Seller also recognizes that unless forces beyond Seller's control (including, but not limited to, force majeure, or the failure of Buyer or Buyer's gas supplier to deliver scheduled gas quantities into Seller's system) cause interference with Seller's ability to redeliver, Seller has a duty to tender to Buyer for redelivery the gas quantities which Seller has verified and confirmed as available to Buyer. Seller further recognizes that a breach of its duties herein may cause hardship and economic damage to Buyer, for which Buyer reserves all rights and remedies (including but not limited to consequential damages), and for which Seller may be held accountable. In addition to the foregoing, Seller shall be responsible to Buyer for penalties in the same manner as an overrun by a Buyer, for service deficiencies (i.e., the failure to allow Buyer to schedule gas quantities for redelivery or the failure to tender to Buyer gas quantities for redelivery) caused by Seller allocating to Seller's sales service or to any other Buyer in a knowing, willful or grossly negligent manner the gas quantities which Seller has verified and confirmed as available to Buyer.

12. PROCEDURES USED TO PROVIDE GENERAL INFORMATION TO BUYERS AND POTENTIAL BUYERS

- 12.1 Information regarding Seller's maximum and minimum rates for firm transportation services, general rate discounting advisories, gas scheduling or allocation procedures, available firm transportation capacity and other general announcements pertaining to transportation services will be made available to all Buyers and potential Buyers by electronic means on a twenty-four hour basis on 1Line.
- 12.2 Any general firm transportation service announcements will be made available to all Buyers and potential Buyers by electronic means on a twenty-four hour basis through 1Line. Overnight delivery of this information will be available to Buyers and potential Buyers upon written request provided that such overnight delivery services are prepaid.

13. WARRANTY OF TITLE TO GAS

Buyer warrants for itself, its successors and assigns, that it will at the time of delivery to Seller for transportation have good and merchantable title to all gas hereunder free and clear of all liens, encumbrances and claims whatsoever. Buyer shall indemnify Seller and save it harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of adverse claims of any or all persons to said gas, including claims for any royalties, taxes, license fees or charges applicable to such gas or to the delivery thereof to Seller for transportation under this rate schedule.

14. GENERAL TERMS AND CONDITIONS

All of the applicable General Terms and Conditions of Seller's Volume No. 1 Tariff are hereby made a part hereof. However, in the event of any inconsistencies between the General Terms and

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part III - Rate Schedules Section 1.1 - Rate Schedule FT Version 11.0.0

Conditions and this Rate Schedule FT, the terms and conditions of this Rate Schedule FT shall control.

PART III – RATE SCHEDULES

SECTION 3 OPEN ACCESS FIRM STORAGE SERVICE

RATE SCHEDULE WSS-OPEN ACCESS Washington Storage Service-Open Access

1. AVAILABILITY

- 1.1 This open-access rate schedule is available for the purchase from Transcontinental Gas Pipe Line Company, LLC (hereinafter referred to as Seller) of Washington Storage Service by any person, company or agency (hereinafter referred to as Buyer), when Buyer and Seller execute a service agreement for Washington Storage Service under this rate schedule.
- 1.2 Service under this rate schedule is also available when Buyer has obtained released firm capacity from a Rate Schedule WSS-Open Access Buyer releasing such firm capacity ("Releasing Shipper") pursuant to Section 42 of the General Terms and Conditions.

2. APPLICABILITY AND CHARACTER OF SERVICE

2.1 Applicability

This rate schedule shall apply to storage service rendered from the Washington Storage Field by Seller to Buyer including service released under this rate schedule pursuant to Section 42 of the General Terms and Conditions. Service shall be rendered pursuant to the service agreement executed for service hereunder and subject to Part 284 of the Commission's regulations. Service rendered under this rate schedule, within the limitations described in Sections 6 and 7 hereof, shall not be subject to curtailment or interruption except that caused by force majeure or by operating conditions beyond Seller's or Buyer's control.

2.2 Pregranted Abandonment and Right of First Refusal

Section 284.221(d) of the Commission's regulations shall apply to service under this rate schedule subject to the right of first refusal procedures, if applicable, set forth in Section 48 of the General Terms and Conditions.

3. RATES AND CHARGES

- 3.1 The maximum and minimum rates for service under this rate schedule are shown on the currently effective Statement of Rates and Fuel in Part II, Section 3.1 of this tariff. Buyer shall pay such maximum rates for service under this rate schedule unless Seller, in its sole judgment, agrees to discount its rate to Buyer. Such discount may be granted consistent with the applicable provisions of Section 40 of the General Terms and Conditions. Further, Buyer and Seller may mutually agree to a negotiated rate pursuant to the provisions of Section 53 of the General Terms and Conditions. Such negotiated rate shall be set forth in the executed service agreement.
- 3.2 For purposes of capacity release, the Demand and Storage Capacity Quantity charges payable by Buyer shall be at a rate set forth in the applicable capacity release award posted on 1Line consistent with the provisions of Section 42 of the General Terms and Conditions.

The maximum and minimum rates for service are shown on the effective Statement of Rates and Fuel in Part II, Section 3.1 of this tariff, however, for releases that become effective on or after July 30, 2008, the maximum rate ceiling does not apply to such releases provided the release is for a term of one year or less and the release is to take effect on or before one year from the date on which the pipeline is notified of the release. The rate paid in any capacity release transaction not subject to the maximum rate ceiling will not be subject to refund.

- 3.3 For natural gas storage service rendered to Buyer under this rate schedule, Buyer shall pay Seller for each day of each month the sum of the following amounts:
 - (a) Demand Charge: A charge per day per dt of Storage Demand. If Buyer acquires storage capacity through a volumetric storage release, the demand charge shall be the rate set forth in the applicable capacity release award posted on 1Line multiplied by the allocated withdrawal quantity (up to the contract maximum daily withdrawal quantity for each day); provided, however, Buyer's monthly bill may be subject to adjustment to account for any minimum volumetric commitment specified in such capacity release award.
 - (b) Storage Capacity Quantity Charge: A charge per day per dt of Storage Capacity Quantity. If Buyer acquires storage capacity through a volumetric storage release, the Storage Capacity Quantity Charge shall be the rate set forth in the applicable capacity release award posted on 1Line multiplied by the end of day storage balance.
 - (c) Quantity Injected Charge: A charge per dt for gas delivered into storage for Buyer's account.
 - (d) Quantity Withdrawal Charge: A charge per dt for gas withdrawn from storage for Buyer's account.

4. **DEFINITIONS**

4.1 Storage Demand

The Storage Demand shall be that quantity set forth in the executed service agreement and shall be utilized to determine the Demand Charges payable by Buyer hereunder.

4.2 Storage Capacity Quantity

The Storage Capacity Quantity shall be specified in the executed service agreement and shall be utilized to determine the Storage Capacity Quantity Charges payable by Buyer hereunder.

4.3 Storage Gas Balance

The Storage Gas Balance of Buyer at any particular time shall be the quantity of gas in storage for Buyer's account at such time.

5. GENERAL DESCRIPTION OF OPERATION

Subject to the limitations described in Sections 6 and 7 hereof, Buyer shall provide Seller with a quantity of gas up to Buyer's Storage Capacity Quantity plus a percentage or percentages of such quantity as compensation for compressor fuel and gas otherwise used, or lost and unaccounted for, in Seller's operations. Such percentage(s) is specified in the currently effective Statement of Rates and Fuel in Part II, Section 3.1 of this tariff and does not include the fuel to be retained by Seller under Seller's firm and interruptible transportation rate schedules to transport gas to and from the Washington Storage Field.

6. INJECTIONS INTO STORAGE

6.1 General Procedure

- (a) When Buyer desires Seller to store gas for its account under this rate schedule, Buyer or Buyer's designee shall nominate quantities to be delivered for injection in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Such nominated quantities shall be subject to confirmation by Seller which shall be based on the best operating information available to Seller. Such confirmed quantity shall be deemed the scheduled quantity. Buyer shall make available such scheduled quantity, plus fuel as determined in accordance with Section 5 hereof, and Seller shall thereupon inject the scheduled quantity into storage for Buyer's account on such day, subject to the provisions of Section 6.1(b) hereof. Gas for injection hereunder shall be made available by Buyer at the receipt point set forth in the executed WSS-Open Access service agreement as a result of transportation services performed for Buyer or Buyer's designee.
- (b) Buyer may cause Seller to inject quantities of gas into storage for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 6.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services; provided, however, nothing herein shall give Buyer the right to inject on any day a quantity of gas into storage under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to inject under the terms of this rate schedule on such day.

Transcontinental Gas Pipe Line Company, LLC FERC Gas Tariff Fifth Revised Volume No. 1

Part III - Rate Schedules Section 3.1 - Rate Schedule WSS-Open Access Version 5.0.0

6.2 Daily Injection Quantity

The maximum quantity of gas which Seller can inject into storage on any one day is dependent in part upon operating conditions at the particular time. Seller shall endeavor to inject on any one day, as much of Buyer's storage nomination for such day as operating conditions will permit. If, however, the total of all nominations for such day exceeds the total quantity which Seller can inject into storage on such day, the nominations for such day shall be reduced in an equitable manner; provided, however, that Seller shall be obligated to inject into storage on any one day for Buyer at Buyer's request, at least one-one hundred eightieth (1/180) of Buyer's Storage Capacity Quantity until such time as Buyer's Storage Gas Balance is equal to one-half (1/2) of Buyer's Storage Capacity Quantity and thereafter at least one-two hundred fourteenth (1/214) of Buyer's Storage Capacity Quantity. Seller shall provide notice on 1Line of the availability of daily injection quantities in excess of the foregoing daily injection obligations.

6.3 Limitation Upon Total Injection

Seller shall be obligated to inject gas into storage for Buyer's account in accordance with the above procedures only when Buyer's Storage Gas Balance is less than Buyer's Storage Capacity Quantity by an amount greater than or equal to Buyer's nominated injection quantity.

7. WITHDRAWALS FROM STORAGE

7.1 General Procedure

- (a) When Buyer desires the withdrawal or delivery of gas stored for Buyer's account under this rate schedule, Buyer or Buyer's designee shall nominate quantities to be received subsequent to withdrawal in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Such nominated quantities shall be subject to confirmation by Seller which shall be based on the best operating information available to Seller. Such confirmed quantity shall be deemed the scheduled quantity. Seller shall thereupon withdraw or deliver for Buyer or Buyer's designee the quantity of gas scheduled and Buyer's Storage Gas Balance shall be reduced by the quantity of gas scheduled for withdrawal on such day, subject to Section 7.1(b) hereof. Gas for withdrawal hereunder shall be made available by Seller at the delivery point set forth in the executed WSS-Open Access service agreement for subsequent transportation service for Buyer or Buyer's designee.
- (b) Buyer may cause Seller to withdraw quantities from storage for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 7.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services; provided, however, nothing herein shall give Buyer the right to

take delivery on any day of a quantity of gas under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to take under the terms of this rate schedule on such day.

7.2 Daily Withdrawal Quantity

The maximum quantity of gas which Seller can withdraw from storage on any day is dependent upon operating conditions in the Washington Storage Field and on Seller's system at the particular time. Seller shall endeavor to withdraw and deliver on any one day, as much of Buyer's nomination for such day as operating conditions will permit.

If, however, the total of all of the nominations exceed the total quantity which Seller can withdraw from storage on such day, each Buyer's storage withdrawal on such day shall be prorated in proportion to each Buyer's current Storage Gas Balance utilizing Seller's records, provided that on any day Buyer shall be entitled to withdraw the following daily quantity:

	Buyer's Daily Withdrawal
Buyer's Storage Gas Balance	Entitlement As A
As a Percent of Buyer's	Factor of Buyer's
Storage Capacity Quantity	Storage Capacity
	Quantity
20- 0	1/173
40-21	1/140
60-41	1/117
80-61	1/106
100-81	1/95

Seller shall provide notice on 1Line of the availability of daily withdrawal quantities in excess of the foregoing daily withdrawal entitlements.

7.3 Limitation Upon Total Withdrawal

Seller shall not withdraw gas for Buyer in excess of Buyer's Storage Gas Balance existing at any time.

8. BASE GAS

This provision shall not apply to releases of capacity under Section 42 of the General Terms and Conditions that are not permanent releases for the remaining term of the service agreement.

8.1 Seller's Obligation to Provide Base Gas

Seller is obligated to maintain sufficient base gas to support total top gas capacity entitlements of its customers.

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Effective: July 3, 2016

8.2 Right to Certain Buyers to Purchase Base Gas

Seller shall be the owner of Base Gas injected into the Washington Storage Field; however, Buyers who are former Rate Schedule WSS customers, that have converted to service under this rate schedule, shall be entitled to purchase and receive the quantity of Base Gas as shown below, when such Buyer no longer receives service from the Washington Storage Field, less two (2) percent of such quantity for injection and withdrawal fuel. Buyer shall pay Seller for such gas received a charge per dt equal to the sum of (1) the average demand charge per dt credited to Buyer's bill at the time gas was injected into storage as Base Gas, (2) the average commodity charge in effect under the applicable rate schedule for each Buyer at the time gas was injected into storage as Base Gas, and (3) the Quantity Withdrawal Charge in effect at the time of withdrawal.

Base Gas attributable to each Buyer is as follows:

	MCF @ 14.73 PSIA
Atlanta Gas Light Company	2,329,800
Brooklyn Union Gas Company	5,798,096
Chesapeake Utilities Corp. d/b/a Delaware Division	53,585
Chesapeake Utilities Corp. d/b/a Maryland Division	12,426
City of Danville, Virginia	98,549
Clinton-Newberry Natural Gas Authority	155,320
City of Greenwood, South Carolina	23,298
City of Laurens, South Carolina	33,471
City of Shelby, North Carolina	9,708
City of Union, South Carolina	17,862
Consolidated Edison Company of N.Y. Inc.	4,629,190
Delmarva Power & Light Company	432,212
Fort Hill Natural Gas Authority	77,660
KeySpan Energy Delivery Long Island	1,672,962
Liberty Utilites (Peach State Natural Gas) Corp.	149,718
Municipal Gas Authority of Georgia	11,649
Owens-Corning Sales, LLC	291,225
Patriots Energy Group	317,323
PECO Energy Company	1,383,433
Philadelphia Gas Works	1,251,530
Piedmont Natural Gas Company, Inc.	3,521,080
Pivotal Utility Holdings, Inc.	1,183,242
Public Service Company of North Carolina	1,048,410
South Carolina Electric & Gas Co.	168,052
Virginia Natural Gas, Inc.	271,810
WGL Midstream, Inc.	723,706

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The Base Gas purchase rights shall apply to Rate Schedule WSS-Open Access Buyers receiving service from Seller as of November 1, 1998 or to Rate Schedule WSS Buyers receiving service from Seller as of November 1, 1998 that subsequently convert to service under this rate schedule. If a Buyer under this rate schedule exercises its right to purchase Base Gas as shown above, such right must be exercised upon the termination of service hereunder; however, with respect to a permanent release under Section 42.14 of the General Terms and Conditions, Buyer may exercise its right to purchase Base Gas as shown above at the time of such permanent release or may assign such right to a Replacement Shipper.

8.3 Seller's Replenishment of Base Gas

If a Buyer exercises the right to purchase Base Gas pursuant to Section 8.2 of this rate schedule and Seller replenishes all, or any portion, of the Base Gas in order to support the top gas capacity entitlements of a new Buyer(s) under this rate schedule that contracts for capacity vacated by the terminating Buyer, then Seller shall either make a limited Section 4 rate filing to recover from the new Buyer(s) any increase in the cost of service attributable to Seller's replenishment of Base Gas to serve the new Buyer(s) or make an informational filing detailing the volume of replenishment base gas purchased and the cost of that gas. Subject to Seller demonstrating that the cost of the base gas included in the limited Section 4 rate filing is the actual cost incurred by Seller to replenish the Base Gas, the level of such costs shall not be subject to challenge. Seller's purchase of additional base gas quantities will be conducted pursuant to a posting and bidding process consistent with the procedures set forth in Section 43 of the General Terms and Conditions.

9. TRANSFERS OF STORAGE INVENTORY

Refer to Section 47 of the General Terms and Conditions.

10. RIGHT OF FIRST REFUSAL PROCEDURES

Refer to Section 48 of the General Terms and Conditions.

11. PROCEDURES FOR ALLOCATING AVAILABLE CAPACITY

Refer to Section 49 of the General Terms and Conditions.

12. REQUEST FOR SERVICE

12.1 Requests for service hereunder shall be considered acceptable only if Buyer has completed and returned Seller's storage service request form (which is available to all Buyers and potential Buyers on request) electronically via 1Line or to the following address:

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Part III - Rate Schedules Section 3.1 - Rate Schedule WSS-Open Access Version 5.0.0

Transcontinental Gas Pipe Line Company, LLC **Attention: Customer Services** P. O. Box 1396 Houston, Texas 77251

Such request for service shall contain the information specified in Seller's storage service request form, as such may be revised from time to time, and

- Either with the request for service or at the time of execution of the service agreement, such other information, in writing, as is required to comply with regulatory reporting or filing requirements; and
- (b) Sufficient information to determine Buyer's credit worthiness in accordance with Section 32 of the General Terms and Conditions.
- 12.2 Requests for service hereunder shall be void unless Buyer executes a service agreement for service under this rate schedule within thirty (30) days after Seller has tendered such agreement to Buyer.
- 13. RECORDS OF INJECTION, WITHDRAWAL AND STORAGE GAS BALANCES

Seller shall keep accurate records of quantities injected to or withdrawn from Buyer's account, and of Buyer's Storage Gas Balance, which records shall be made available to Buyer at its request.

14. GENERAL TERMS AND CONDITIONS

All of the applicable General Terms and Conditions of Seller's Volume No. 1 Tariff are hereby made a part hereof. However, in the event of any inconsistencies between the General Terms and Conditions and this Rate Schedule WSS-Open Access, the terms and conditions of this Rate Schedule WSS-Open Access shall control.

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Part III - Rate Schedules Section 3.2 - Reserved Version 1.0.0

Reserved For Future Use

Filed: April 13, 2011

Effective: April 1, 2011

PART III – RATE SCHEDULES

SECTION 6
FIRM 7(c) STORAGE SERVICE

RATE SCHEDULE GSS General Storage Service

1. AVAILABILITY

This rate schedule is available for the purchase from Transcontinental Gas Pipe Line Company, LLC (hereinafter called Seller) of natural gas storage service by any utility or gas distribution agency (hereinafter referred to as Buyer), when Buyer and Seller execute a service agreement for storage service under this rate schedule.

2. APPLICABILITY AND CHARACTER OF SERVICE

This rate schedule shall apply to storage service rendered by Seller to Buyer under the service agreement executed for service hereunder. Service rendered under this rate schedule, within the limitations described in Sections 6 and 7 hereof, shall be considered to be firm, and shall not be subject to curtailment or interruption except that caused by force majeure or by operating conditions beyond Seller's or Buyer's control.

- 3. RATES, FUEL AND CHANGES IN RATES TO REFLECT A CHANGE IN RATES BY THE PIPELINE PROVIDING RELATED STORAGE SERVICE TO SELLER
 - 3.1 The applicable charges set forth in that portion of the currently effective Statement of Rates and Fuel in Part II, Section 7.1 of this tariff.
 - 3.2 For natural gas storage service rendered to Buyer under this rate schedule, Buyer shall pay Seller for each day of each month the sum of the following amounts:
 - (a) Demand Charge: A charge per day per dt of Storage Demand.
 - (b) Storage Capacity Quantity Charge: A charge per day per dt of Storage Capacity Quantity.
 - (c) Quantity Injected Charge: A charge per dt for gas delivered into storage for Buyer's account.
 - (d) Quantity Withdrawn Charge: A charge per dt for gas withdrawn from storage for Buyer's account.
 - (e) Excess Delivery from Buyer's Storage Gas Balance Charge: A charge per dt for all gas withdrawn from storage for Buyer in excess of Buyer's firm withdrawal entitlement.
 - (f) Excess End of Season Inventory Charge: The portion of Dominion Transmission Inc.'s (Dominion) excess end of season inventory charge under Dominion's Rate Schedule GSS which is allocated to Buyers under this rate schedule.
 - 3.3 In addition to the fuel allowance set forth in Section 8 of this rate schedule, Seller shall retain from Buyer's nominated storage injections a percentage or percentages as compensation for compressor fuel and gas otherwise used, or lost and unaccounted for, in Seller's operations. The respective fuel retention percentages pursuant to Section 3.3 and Section 8 of this rate schedule are specified on the Statement of Rates and Fuel in Part II, Section 7.1 of this tariff. The total fuel retention percentage under this rate schedule is shown on such Statement of Rates and Fuel in Part II, Section 7.1.

- 3.4 This section sets forth the procedures to (i) change Seller's rates under this rate schedule when Dominion, a provider of storage service necessary for Seller to provide storage service under this rate schedule, changes the rates and charges payable by Seller for such storage service and (ii) to flow-through refunds received from Dominion attributable to such storage service. The effective date of a change in Seller's rates filed pursuant to this Section 3.4 shall coincide with the effective date of any change in rates by Dominion under Dominion's Rate Schedule GSS.
 - (a) Rate Change The charges under this rate schedule as shown on the effective Statement of Rates and Fuel in Part II, Section 7.1 of this tariff include amounts payable by Seller to Dominion for storage service under Dominion's Rate Schedule GSS. The service provided by Dominion is used by Seller to render a portion of the service to Buyers under Seller's Rate Schedule GSS. A change by Dominion in the charges payable by Seller shall be reflected in this rate schedule by the following procedure:
 - (i) Demand Charge The Demand Charge shown on the Statement of Rates and Fuel in Part II, Section 7.1 of this tariff is based, in part, on Dominion's Storage Demand Charge and on the ratio of Seller's Storage Demand with Dominion to the Storage Demand of all Buyers under Seller's Rate Schedule GSS. Seller shall reduce or increase, as appropriate, the Demand Charge shown on such Statement of Rates and Fuel in Part II, Section 7.1 by an amount equal to the change in Dominion's Storage Demand Charge times the then-current ratio, rounded to the nearest one-thousandth of a cent.
 - (ii) Storage Capacity Quantity Charge The Storage Capacity Quantity Charge is based, in part, on Dominion's Storage Capacity Charge and on the ratio of Seller's Storage Capacity with Dominion to the Storage Capacity of all Buyers under Seller's Rate Schedule GSS. Seller shall reduce or increase, as appropriate, the Storage Capacity Quantity Charge shown on the Statement of Rates and Fuel in Part II, Section 7.1 of this tariff by an amount equal to the change in Dominion's Storage Capacity Quantity Charge times the thencurrent ratio, rounded to the nearest one-thousandth of a cent.
 - (iii) Quantity Injected Charge and Quantity Withdrawn Charge The Quantity Injected charge and the Quantity Withdrawn Charge are based, in part, on Dominion's Injection and Withdrawal Charges and on the ratio of Seller's projected injections and withdrawals with Dominion to the total projected injections and withdrawals of all Buyers under Seller's Rate Schedule GSS. Seller shall reduce or increase, as appropriate, the Quantity Injected Charge and the Quantity Withdrawn Charge shown on the Statement of Rates and Fuel in Part II, Section 7.1 of this tariff by an amount equal to the change in Dominion's Injection and Withdrawal Charges times the then-current ratio, rounded to the nearest one-thousandth of a cent.

- (iv) Other Charges The other charges contained in this rate schedule shall be changed to reflect any changes filed pursuant to Sections 3.4(a)(i), (ii) and (iii) hereof.
- (b) Notification Seller shall give notice on 1Line of any proposed rate change filed by Dominion which Seller is authorized to track under this rate schedule within three (3) business days following Seller's receipt of such filing. Such notice shall include the expected effect on Seller's rates under this rate schedule.
- (c) Seller's Tracker Filings Seller shall file to track any rate change by Dominion which affects Seller's rates under this rate schedule no later than thirty (30) days following the issuance date of the Commission order which accepts and makes effective Dominion 's rate change. The effective date of such change in Seller's rates shall coincide with the effective date of any change in rates by Dominion.
- (d) Refunds and Surcharges Within forty-five (45) days of receipt thereof, Seller shall refund to Buyers under Seller's Rate Schedule GSS the proportion of the amount refunded to Seller by Dominion under Dominion's Rate Schedule GSS which pertains to service provided by Seller under Seller's Rate Schedule GSS, including any interest paid by Dominion. Such refund shall also include interest accrued by Seller while the funds received from Dominion are in Seller's possession. Seller shall bill Buyers under this rate schedule for any surcharges paid by Seller, including any interest paid by Seller. Each Buyer's proportionate share of any refund or surcharge shall be determined in the same manner as the refund or surcharge from Dominion was determined.

4. MINIMUM BILL

The minimum bill shall be the sum of the Demand Charge and the Storage Capacity Quantity Charge.

DEFINITIONS

5.1 Storage Demand

The Storage Demand shall be that quantity set forth in the service agreement, as adjusted in accordance with Section 23 of the General Terms and Conditions, and shall be utilized to determine the Demand Charges payable by Buyer hereunder.

5.2 Storage Capacity Quantity

The Storage Capacity Quantity shall be that quantity set forth in the service agreement, as adjusted in accordance with Section 23 of the General Terms and Conditions, and shall be utilized to determine the Storage Capacity Quantity Charges payable by Buyer hereunder. The Storage Capacity Quantity shall be at least fifty (50) times and not more than one hundred ten (110) times Buyer's Storage Demand.

- 5.3 Reserved for Future Use
- 5.4 Reserved for Future Use

5.5 Storage Gas Balance

The Storage Gas Balance of Buyer at any particular time shall be the quantity of gas in storage for Buyer's account at such time.

6. INJECTIONS INTO STORAGE

6.1 General Procedure

- (a) When Buyer desires Seller to store gas for its account under this rate schedule, Buyer shall nominate quantities for injection in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Seller shall thereupon inject or cause to be injected into storage for Buyer's account on such day, the quantity of gas so nominated, subject to the limitations set forth below in this section. Gas for injection hereunder shall be made available by Buyer to Seller from gas available as a result of transportation services performed by Seller for Buyer or Buyer's designee.
- (b) Buyer may cause Seller to inject quantities of gas into storage for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 6.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services; provided, however, nothing herein shall give Buyer the right to inject on any day a quantity of gas into storage under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to inject under the terms of this rate schedule on such day.

6.2 Notice Required

Buyer shall nominate injections under this rate schedule in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit.

6.3 Daily Injection Quantity

The maximum quantity of gas which Seller can inject or cause to be injected into storage on any one day is dependent in part upon operating conditions at the particular time. Seller shall endeavor to inject or cause to be injected on any one day, as much of Buyer's storage nomination for such day as operating conditions will permit. If, however, the total of all nominations for such day exceed the total quantity which Seller can inject of cause to be

injected into storage on such day, the nominations for such day shall be reduced in an equitable manner; provided, however, that Seller shall be obligated to inject into storage on any one day for Buyer at Buyer's request, at least one-one hundred eightieth (1/180) of Buyer's Storage Capacity Quantity until such time as Buyer's Storage Gas Balance is equal to one-half (1/2) of Buyer's Storage Capacity Quantity and thereafter at least one-two hundred fourteenth (1/214) of Buyer's Storage Capacity Quantity. Seller shall provide notice on 1Line of the availability of daily injection quantities in excess of the foregoing daily injection obligations.

6.4 Limitation upon Total Injection

Seller shall be obligated to inject gas into storage for Buyer's account in accordance with the above procedure only when Buyer's Storage Gas Balance is less than Buyer's Storage Capacity Quantity.

7. WITHDRAWALS FROM STORAGE

7.1 General Procedure

- (a) When Buyer desires the delivery of gas stored for Buyer's account under this rate schedule, Buyer shall nominate quantities for withdrawals in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Seller shall thereupon deliver to Buyer the quantity of gas so nominated, subject to the limitations set forth below in this section.
- (b) Buyer may take delivery of quantities of gas stored for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 7.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services; provided, however, nothing herein shall give Buyer the right to take delivery on any day of a quantity of gas under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to take under the terms of this rate schedule on such day.

7.2 Notice Required

Buyer shall nominate withdrawals under this rate schedule in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit.

7.3 Quantity and Inventory Limitations

In the event Seller determines that it can make available for withdrawal and delivery quantities in excess of the quantity entitlements and delivery obligations set forth in Section 7.3(a), (b) or (c) hereof, Seller shall provide notice on 1Line of the availability of such excess withdrawals and deliveries.

- (a) Subject to the other provisions of this section, Seller will deliver to Buyer on any one day under this rate schedule, the maximum quantity of gas which operating conditions in the storage fields will permit as determined by the operators thereof. Seller shall endeavor to withdraw and deliver, on any one day, the total of each Buyer's nominations for such day, up to, but not exceeding, Buyer's Storage Demand. If, however, all of the nominations exceed the total quantity which Seller can withdraw from storage and deliver, the gas deliverable on such day shall be prorated in proportion to each Buyer's current Storage Gas Balance, utilizing records of Seller's dispatcher, provided that on any day, Buyer shall be entitled to receive the following daily quantities:
 - (i) Buyer's Storage Demand, provided Buyer's Storage Gas Balance is 35 percent or more of Buyer's Storage Capacity Quantity.
 - (ii) 99 percent of Buyer's Storage Demand, provided Buyer's Storage Gas Balance is greater than or equal to 20 percent and less than 35 percent of Buyer's Storage Capacity Quantity.
 - (iii) 74 percent of Buyer's Storage Demand, provided Buyer's Storage Gas Balance is greater than or equal to 7 percent and less than 20 percent of Buyer's Storage Capacity Quantity.
 - (iv) 55 percent of Buyer's Storage Demand, when Buyer's Storage Gas Balance is less than 7 percent of Buyer's Storage Capacity Quantity.
- (b) Seller shall not be obligated to deliver a daily average of more than 87-1/2 percent of Buyer's Storage Demand during any consecutive 30-day period.
- (c) Seller shall not be obligated to deliver gas to Buyer hereunder, when:
 - (i) During the period from November 1 through February 14, such delivery would reduce Buyer's Storage Gas Balance to less than 20 percent of Buyer's Storage Capacity Quantity, and
 - (ii) During the period from February 15 through March 1, such delivery would reduce Buyer's Storage Gas Balance to less than 7 percent of Buyer's Storage Capacity Quantity.
- (d) Minimum Inventory

Buyer must maintain a Storage Gas Balance equal to or greater than the following percentages of Buyer's Storage Capacity Quantity on each day during the following months:

December 35% January 35% February 15%

If Buyer does not maintain the required Storage Gas Balance, then commencing on such day and continuing until Buyer's Storage Gas Balance is at the level required above, Seller's obligation to make deliveries to Buyer shall be reduced by five (5) percent of Buyer's Storage Demand.

(e) Minimum Turnover

During the Winter Period, Buyer's total withdrawals from storage must be equal to or greater than the amount by which Buyer's Storage Gas Balance as of the prior November 1 exceeds thirty-five percent (35%) of Buyer's Storage Capacity. If Buyer has failed to withdraw such quantities, then Buyer will be subject to the provisions of Section 14 of this rate schedule.

7.4 Operational Flow Order

- (a) Seller shall have the right to issue, if necessary, during the period of February 15 through March 31 of each year, Operational Flow Order(s) ("OFO") to specific Buyers described in Section 7.4(b) hereof if Seller determines that such action is necessary to manage conditions which may inhibit Seller's ability to deliver the Storage Demands of Buyers pursuant to Rate Schedule GSS. Seller may issue an OFO pursuant to this Section 7.4 only when Buyers' Storage Gas Balances, in aggregate, are 35 percent or less of Buyers' Storage Capacity Quantities.
- (b) This OFO shall only apply if a portion of Buyer's GSS Storage service is supported by Seller's equity ownership interest in the Wharton Storage Field and that Buyer meets the conditions described in (i) or (ii) below:
 - (i) If a Buyer's Storage Gas Balance is greater than or equal to 20 percent and less than 28 percent of Buyer's Storage Capacity Quantity, Buyer's Storage Demand during the time period the OFO is in effect shall be reduced to 83 percent of Buyer's Storage Demand.
 - (ii) If a Buyer's Storage Gas Balance is greater than or equal to 7 percent and less than 13 percent of Buyer's Storage Capacity Quantity, Buyer's Storage Demand during the time period the OFO is in effect shall be reduced to 60 percent of Buyer's Storage Demand.
- (c) Seller shall give Buyer at least twenty-four (24) hours advance notice of the OFO, unless exigent circumstances dictate otherwise. Each OFO will contain the following information:
 - (i) time and date of issuance;

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Effective: July 20, 2010

- (ii) effective time of the OFO (if no time is specified, the OFO shall be effective immediately);
- (iii) anticipated duration of the OFO (if none is specified the OFO shall be effective until further notice); and
- (iv) Seller will publish notices of implementation of an OFO pursuant to this Section 7.4 on 1Line as expeditiously as possible.
- (d) Each OFO shall remain in effect until the earlier of:
 - (i) the time when, in Seller's judgment, the conditions that caused the OFO have been alleviated;
 - (ii) the time when Buyers' Storage Balances, in the aggregate, are equal to or greater than 35% of Buyers' Storage Capacity Quantities; or
 - (iii) the time when that individual Buyer's Storage Gas Balance no longer falls within levels described in Section 7.4(b)(i) or (ii) hereof.
- (e) Seller will publish notice of the termination of an OFO on 1Line as expeditiously as possible.
- (f) Nothing in this Section 7.4 shall preclude Seller from issuing a general system OFO pursuant to Section 52 of the General Terms and Conditions that would apply to Rate Schedule GSS service.

8. FUEL ALLOWANCE

In order to recover quantities of fuel retained by Dominion associated with the injection of natural gas quantities into storage, Seller will retain equivalent quantities from Buyer's storage injection quantities hereunder. Provided, however, Buyer may deliver or cause to be delivered to Seller such additional quantities of gas as Seller reasonably determines are required for fuel to effect injection of Buyer's injection quantities.

9. RECORDS OF INJECTION, WITHDRAWAL AND STORAGE GAS BALANCES

Seller shall keep accurate records of quantities injected to or withdrawn from Buyer's account, and of Buyer's Storage Gas Balance, which records shall be made available to Buyer at its request.

- 10. RESERVED FOR FUTURE USE
- 11. RESERVED FOR FUTURE USE

Filed: July 20, 2010

Effective: July 20, 2010

Part III - Rate Schedules Section 6.1 - Rate Schedule GSS Version 0.0.0

12. DEMAND CHARGE ADJUSTMENT

If Seller fails or is unable to deliver during any one or more days the amount of natural gas which Buyer desires to take, up to the maximum quantity which Seller is obligated by the Storage Service Contract to deliver to Buyer, then the Demand Charge specified in Section 3.2(a) hereofshall be reduced by an amount equal to that percentage of 365 times the currently effective charge as provided by Sections 3.1 and 3.2(a) of this rate schedule which the Storage Demand shall be of the Storage Capacity Quantity specified in the executed service agreement, per dt, times the difference between the quantity of natural gas actually delivered during said day or days and the quantity of natural gas scheduled by Buyer for delivery during said day or days.

The reduction in charges as provided above shall under no circumstances be considered as giving Seller the right to reduce its maximum daily delivery obligation nor shall such reduction be considered as a substitute for any other remedies available to Buyer against Seller for failure in respect to its obligation to deliver the maximum Storage Demand.

13. SCHEDULED DELIVERIES IN EXCESS OF FIRM ENTITLEMENT

Buyer may request Seller to deliver gas to Buyer on any day during the period extending from October 1 through April 30 in excess of Buyer's nomination of its firm storage entitlement for such day. Seller may make such excess delivery to Buyer if, in Seller's judgment, such delivery can be made without adverse effect on Seller's operations.

Buyer shall pay Seller, for any such delivery scheduled by Buyer and Seller, the applicable per dt charges set forth for any such delivery scheduled from Buyer's Storage Gas Balance, in that portion of the currently effective Statement of Rates and Fuel in Part II, Section 7.1 of this tariff.

14. FAILURE TO COMPLY WITH MINIMUM TURNOVER

- 14.1 If Buyer's Storage Gas Balance on April 15 of any year exceeds the level required by Section 7.3(e) of this rate schedule and Seller is assessed an excess end of season inventory charge by Dominion under Dominion's Rate Schedule GSS, Buyer shall be assessed its proportionate share of Seller's Excess End of Season Inventory Charge under this rate schedule.
- 14.2 Seller shall collect each Buyer's proportionate share of the Excess End of Season Inventory Charge by deducting the applicable quantity of gas from Buyer's Storage Gas Balance.

15. QUALITY

Refer to Section 3 of the General Terms and Conditions.

16. MEASUREMENT

Refer to Section 4 of the General Terms and Conditions.

Filed: July 20, 2010

Effective: July 20, 2010

Part III - Rate Schedules Section 6.1 - Rate Schedule GSS Version 0.0.0

17. GENERAL TERMS AND CONDITIONS

The General Terms and Conditions of Seller's Volume No. 1 Tariff which are applicable to this rate schedule are hereby made a part hereof.

Part III - Rate Schedules Section 6.5 - Rate Schedule S-2 Version 0.0.0

RATE SCHEDULE S-2 STORAGE SERVICE - ZONE 6

AVAILABILITY

This rate schedule is available for the purchase of storage service from Transcontinental Gas Pipe Line Company, LLC (hereinafter referred to as Seller) by Public Service Electric and Gas Company, PECO Energy Company, The Brooklyn Union Gas Company, Pivotal Utility Holdings, Inc., South Jersey Gas Company and Philadelphia Gas Works (each hereinafter referred to as Buyer) provided Buyer has executed a service agreement with Seller for service under this rate schedule. The availability of storage service hereunder is contingent on and subject to the availability of storage service provided by Texas Eastern Transmission, LP (TETCO) to Seller under TETCO's Rate Schedule X-28.

2. APPLICABILITY AND CHARACTER OF SERVICE

This rate schedule shall apply to storage service rendered by Seller to Buyer under the service agreement executed for service hereunder. Service rendered under this rate schedule, within the limitations set forth in Sections 5 and 6 hereof, shall be on a firm basis and shall not be subject to reduction or interruption, except as provided in Section 11 of the General Terms and Conditions; provided, however, that in the event TETCO fails for any reason whatsoever to make deliveries to Seller or receive gas from Seller under TETCO's Rate Schedule X-28 then Seller's obligation hereunder shall be reduced accordingly.

3. RATES AND CHARGES

- 3.1 The applicable charges set forth in that portion of the currently effective Statement of Rates and Fuel in Part II, Section 7.5 of this tariff which relates to this rate schedule are incorporated herein.
- 3.2 For natural gas service rendered to Buyer under this rate schedule, Buyer shall pay Seller for each day each month the sum of the following amounts:
 - (a) Demand Charge: A charge per day per dt of Contract Storage Demand.
 - (b) Storage Capacity Charge: A charge per day per dt of Storage Capacity Quantity.
 - (c) Injection Charge: A charge per dt of natural gas nominated by Buyer for injection.
 - (d) Withdrawal Charge: A charge per dt of natural gas nominated by Buyer for withdrawal.
- 3.3 Storage Cost Credit Seller shall credit Buyer's invoice each month by an amount equal to Buyer's proportionate share of the Storage Cost Credit received by Seller from TETCO, if any. Buyer's proportionate share of the Storage Cost Credit shall be calculated each month by multiplying Buyer's Contract Storage Demand as a percentage of total Contract Storage

Effective: July 20, 2010

Demand under this rate schedule times the Storage Cost Credit received by Seller from TETCO.

3.4 Fuel Allowance - In order to recover quantities of fuel that TETCO retains for company use and for calculated normal operational loss associated with the injection, withdrawal and storage of natural gas quantities, Seller will retain equivalent quantities of fuel from Buyer's storage injection quantities (injection allowance) and withdrawal quantities (withdrawal allowance) and from Buyer's average daily balance of gas stored during the month (Inventory Level Allowance). Seller's fuel retention percentages are set forth on the currently effective Statement of Rates and Fuel in Part II, Section 7.5 of this tariff.

4. DEFINITIONS

4.1 Injection Season

The Injection Season shall begin on April 16 and extend through the succeeding November 15.

4.2 Withdrawal Season

The Withdrawal Season shall begin on November 16 and extend through the next succeeding April 15.

4.3 Contract Storage Demand

The Contract Storage Demand shall be that quantity set forth in the service agreement and shall be utilized to determine the Demand Charges payable by Buyer hereunder.

4.4 Storage Capacity Quantity

The Storage Capacity Quantity shall be that quantity set forth in the service agreement and shall be utilized to determine the Storage Capacity Charges payable by Buyer hereunder.

4.5 Storage Gas Balance

The Storage Gas Balance of Buyer at any particular time shall be the quantity of gas in storage for Buyer's account at such time.

5. INJECTIONS INTO STORAGE

5.1 General Procedure

(a) When Buyer desires Seller to store gas for its account under this rate schedule, Buyer shall nominate quantities for injection in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit. Seller

Filed: July 20, 2010

shall thereupon inject or cause to be injected into storage for Buyer's account on such day, the quantity of gas so nominated and actually tendered to Seller for Buyer's account at the point of receipt specified in the service agreement, subject to the limitations set forth below in this section.

(b) Buyer may cause Seller to inject quantities of gas into storage for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 5.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services provided, however, nothing herein shall give Buyer the right to inject on any day a quantity of gas into storage under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to inject under the terms of this rate schedule on such day.

5.2 Notice Required

Buyer shall nominate injections under this rate schedule in accordance with nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit.

5.3 Daily Injection Quantity

The maximum quantity of gas which Seller can inject or cause to be injected into storage on any one day is dependent in part upon operating conditions at the particular time. Seller shall endeavor to inject or cause to be injected on any one day as much of Buyer's storage nomination for such day as operating conditions will permit. If, however, the total of all nominations for such day exceed the total quantity which Seller can inject or cause to be injected into storage on such day, the nominations for such day shall be reduced in an equitable manner, based on Buyer's proportionate share of the quantities TETCO is obligated to inject for Seller under TETCO's Rate Schedule X-28.

5.4 Limitation Upon Total Injection

Seller shall be obligated to inject gas into storage for Buyer's account in accordance with the above procedure only when Buyer's Storage Gas Balance is less than Buyer's Storage Capacity Quantity.

WITHDRAWALS FROM STORAGE

6.1 General Procedure

(a) When Buyer desires the delivery of gas stored for Buyer's account under this rate schedule, Buyer shall nominate quantities for withdrawals in accordance with Seller's nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating

conditions permit. Seller shall thereupon deliver to Buyer the quantity of gas so nominated, subject to the limitations set forth below in this section.

(b) Buyer may take delivery of quantities of gas stored for Buyer's account under this rate schedule which are greater than or less than the quantity scheduled in advance pursuant to Section 6.1(a) hereof, pursuant to the procedures outlined in Section 18.1 of the General Terms and Conditions governing designation of delivery point "swing" services; provided, however, nothing herein shall give Buyer the right to take delivery on any day of a quantity of gas under this rate schedule in excess of the quantity which Buyer would otherwise be entitled to take under the terms of this rate schedule on such day.

6.2 Notice Required

Buyer shall nominate withdrawals under this rate schedule in accordance with nomination and ranking deadlines as set forth in Section 28.1 of the General Terms and Conditions. Seller, in its sole judgment, may waive any nomination and ranking deadlines, on a non-discriminatory basis, if Seller determines that operating conditions permit.

6.3 Quantity Limitations

(a) Subject to the other provisions of this section, Seller will deliver to Buyer on any one day under this rate schedule, the maximum quantity of gas which operating conditions in the storage fields will permit as determined by the operator thereof. Seller shall endeavor to withdraw and deliver, on any one day, the total of each Buyer's nominations for such day, up to, but not exceeding, Buyer's Contract Storage Demand.

If, however, all of the nominations exceed the total quantity which Seller can withdraw from storage and deliver, the gas deliverable on such day shall be prorated in proportion to each Buyer's current Storage Gas Balance, utilizing records of Seller's dispatcher, provided that on any day during November 16 through April 15, Buyer shall be entitled to receive up to the quantities stated in Buyer's service agreement.

7. QUALITY

Refer to Section 3 of the General Terms and Conditions.

8. MEASUREMENT

Refer to Section 4 of the General Terms and Conditions.

DEMAND CHARGE ADJUSTMENT

If Seller orders interruption or reduction of service to Buyer under the provisions of Section 11 of the General Terms and Conditions and the prorated quantity that Buyer is entitled to is less than the quantity Buyer requested in good faith on any day or days, then the Demand Charge payable

Part III - Rate Schedules Section 6.5 - Rate Schedule S-2 Version 0.0.0

hereunder shall be reduced by an amount equal to the sum of all such days' deficiencies multiplied by the applicable per dt charge set forth in that portion of the currently effective Statement of Rates and Fuel in Part II, Section 7.5 of this tariff.

10. GENERAL TERMS AND CONDITIONS

All of the General Terms and Conditions of Seller's Volume No. 1 Tariff which are applicable to this rate schedule are hereby made a part hereof.

PART V - FORMS OF SERVICE AGREEMENT

PART V – FORMS OF SERVICE AGREEMENT

SECTION 1 OPEN ACCESS FIRM TRANSPORTATION SERVICE

PART V - FORMS OF SERVICE AGREEMENT

SECTION 3 OPEN ACCESS FIRM STORAGE SERVICE

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

FORM OF SERVICE AGREEMENT (For Use Under Seller's WSS-Open Access Rate Schedule)

GAS PIPE LINE COMPANY, LLC, a Delaware limited liability co	, , by and between TRANSCONTINENTAL ompany, hereinafter referred to as "Seller", hereinafter referred to as "Buyer", second
WITNESSETH	:
WHEREAS, Seller has made available to Buyer storage ca under Part 284 of the Commission's regulations; and Buyer d natural gas storage service under Seller's Rate Schedule WSS	esires to purchase and Seller desires to sell
WHEREAS,	
NOW, THEREFORE, Seller and Buyer agree as follows:	
ARTICLE I SERVICE TO BE RENDE	RED
Subject to the terms and provisions of this agreement Access, Seller agrees to inject into storage for Buyer's acceptantities of natural gas as follows:	and of Seller's Rate Schedule WSS-Open count, store and withdraw from storage,
To withdraw from storage up to a maximum quantity of shall be Buyer's Storage Demand Quantity, or such great to time, pursuant to the terms and conditions of Seller's	iter daily quantity, as applicable from time
To receive and store up to a total quantity at any one ti Buyer's Storage Capacity Quantity.	ime of dt, which quantity shall be
ARTICLE II POINT(S) OF RECEIPT AND D	DELIVERY
The Point of Receipt for injection of natural gas delivered to for withdrawal of natural gas delivered by Seller to Buye Washington Storage Field located at Seller's Station 54 in St. Filed: June 2, 2016	r under this agreement shall be Seller's

Page 1 of 4

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

received in Seller's pipeline system shall be at the prevailing pressure not to exceed the maximum allowable operating pressure.

	ARTICLI TERM OF AGI		
agreement Seller's service to l and shall re [or, when a	agreement shall be effective as of	(year) of a common (year) of a primary term of	or the date that all of provide firm storage Seller's sole opinion"] (year) and thereafter [or,
	ARTICLI RATE SCHEDULE	=	
Schedule Seller's FEF amended of by this refo pursuant t service he	r shall pay Seller for natural gas service ren WSS-Open Access, and the applicable pro RC Gas Tariff as filed with the Federal Energy or superseded from time to time. Such rate erence made a part hereof. In the event Bu to the provisions of Section 53 of the Gene reunder, provisions governing such negotian n Exhibit A to the service agreement.	visions of the General Term y Regulatory Commission, and e schedule and General Term yer and Seller mutually agree eral Terms and Conditions an	ns and Conditions of d as the same may be ns and Conditions are e to a negotiated rate and specified term for
	ARTICL MISCELLAN	= -	
	The subject headings of the Articles of t reference and are not intended to be a pation of the same.		
2. contracts:	This agreement supersedes and cancels	as of the effective date	hereof the following
	No waiver by either party of any one or resions of this agreement shall operate or be whether of a like or different character.	•	•
4. the State o	This agreement shall be interpreted, perfoof	ormed and enforced in accord	ance with the laws of
ed: June 2,	2016		Effective: July 3, 2016

Page 2 of 4

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

- 5. This agreement shall be binding upon, and inure to the benefit of the parties hereto and their respective successors and assigns.
- 6. Notices to either party shall be in writing and shall be considered as duly delivered when mailed to the other party at the following address:
 - (a) If to Seller:

Transcontinental Gas Pipe Line Company, LLC P. O. Box 1396 Houston, Texas 77251 Attention:

(b) If to Buyer:

Such addresses may be changed from time to time by mailing appropriate notice thereof to the other party.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be signed by their respective officers or representatives thereunto duly authorized.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (Seller)

Ву		
Print Name _		
Title	12 2 Do	
2.1		
	(Buyer)	
Ву		
Print Name _	8	
Title		

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

Exhibit A

	S	pecificat	ion of	Negotiated	Rate and	Term
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[OPTIONAL IF AGREED TO: Buyer agrees not to file or cause to be filed with the FERC any action, claim, complaint, or other pleading under Section 5 of the NGA, or support or participate in any such proceeding initiated by any other party, requesting a change to or in any way opposing the negotiated rate set forth above.]

[OPTIONAL IF AGREED TO: Seller agrees not to file or cause to be filed with the FERC under Section 4 of the NGA to seek to modify the negotiated rate set forth above.]

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

FORM OF SERVICE AGREEMENT (For Use Under Seller's Rate Schedule FT)

THIS AGREEMENT entered into this day of, (year), by and between TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC, a Delaware limited liability company, hereinafter referred to as "Seller," first party, and, hereinafter referred to as "Buyer," second party,
[or, when applicable, THIS AGREEMENT entered into this day of
WITNESSETH
WHEREAS,
NOW, THEREFORE, Seller and Buyer agree as follows:
ARTICLE I GAS TRANSPORTATION SERVICE
 Subject to the terms and provisions of this agreement and of Seller's Rate Schedule FT, Buyer agrees to deliver or cause to be delivered to Seller gas for transportation and Seller agrees to receive, transport and redeliver natural gas to Buyer or for the account of Buyer, on a firm basis, up to a Transportation Contract Quantity ("TCQ") of dt per day. Transportation service rendered hereunder shall not be subject to curtailment or interruption except as provided in Section 11 and, if applicable, Section 42 of the General Terms and Conditions of Seller's FERC Gas Tariff.
ARTICLE II POINT(S) OF RECEIPT

Buyer shall deliver or cause to be delivered gas at the point(s) of receipt hereunder at a pressure sufficient to allow the gas to enter Seller's pipeline system at the varying pressures that may exist in such system from time to time; provided, however, the pressure of the gas delivered or caused to be delivered by Buyer shall not exceed the maximum operating pressure(s) of Seller's pipeline system at such point(s) of receipt. In the event the maximum operating pressure(s) of Seller's pipeline system, at the point(s) of receipt hereunder, is from time to time increased or decreased, then the maximum allowable pressure(s) of the gas delivered or caused to be delivered by Buyer to Seller at the point(s) of

Filed: June 30, 2017 Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

receipt shall be correspondingly increased or decreased upon written notification of Seller to Buyer. The point(s) of receipt for natural gas received for transportation pursuant to this agreement shall be:

See Exhibit A, attached hereto, for points of receipt.

ARTICLE III POINT(S) OF DELIVERY

Seller shall redeliver to Buyer or for the account of Buyer the gas transported hereunder at the following point(s) of delivery and at a pressure(s) of:

See Exhibit B, attached hereto, for points of delivery and pressures.

ARTICLE IV TERM OF AGREEMENT

This agreement shall be effective as of,	(year)
[or, WHEN APPLICABLE, "This agreement shall be effective as	of the later of,
(year) or the date that all of Seller's	(insert project name) facilities
necessary to provide firm transportation service to Buyer have been	en constructed and are ready for
service as determined in Seller's sole opinion"]	
[or, WHEN APPLICABLE, "This agreement shall be effective as	s of the date that all of Seller's
(insert project name) facilities necessary	to provide firm transportation
service to Buyer have been constructed and are ready for service as de	termined in Seller's sole opinion"]
and shall remain in force and effect until 9:00 a.m. Central Clock Time	, (year)
[or, WHEN APPLICABLE, "and shall remain in force and effect for a pr	imary term of"] and
thereafter until terminated by Seller or Buyer upon at least	written
notice; provided, however, this agreement shall terminate immediat	ely and, subject to the receipt of
necessary authorizations, if any, Seller may discontinue service he	
reasonable judgment fails to demonstrate creditworthiness, and (b)	
security in accordance with Section 32 of the General Terms and Co	
Tariff. [OPTION TO DELETE IF NOT APPLICABLE: As set forth in Section	8 of Article II of Seller's August 7,
1989 revised Stipulation and Agreement in Docket Nos. RP88-68 et	
under Section 284.221(d) of the Commission's regulations shall not a	
from firm sales service to transportation service under Seller's Rate So	
exercise its right to terminate this service agreement as it applies to	
from conversions from firm sales service so long as Buyer is willing to	pay rates no less favorable than
Seller is otherwise able to collect from third parties for such service.]	

ARTICLE V RATE SCHEDULE AND PRICE

1. Buyer shall pay Seller for natural gas delivered to Buyer hereunder in accordance with Seller's Rate Schedule FT and the applicable provisions of the General Terms and Conditions of Seller's

Filed: June 30, 2017

Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

FERC Gas Tariff as filed with the Federal Energy Regulatory Commission, and as the same may be legally amended or superseded from time to time. Such rate schedule and General Terms and Conditions are by this reference made a part hereof. In the event Buyer and Seller mutually agree to a negotiated rate pursuant to the provisions in Section 53 of the General Terms and Conditions and specified term for service hereunder, provisions governing such negotiated rate (including surcharges) and term shall be set forth on Exhibit C to the service agreement.

[WHEN APPLICABLE: The credit support provisions set forth in that certain [insert description of precedent agreement(s)] dated _______ (including any amendments thereto) related to this agreement are hereby incorporated herein by reference and made a part of this agreement.]

- 2. Seller and Buyer agree that the quantity of gas that Buyer delivers or causes to be delivered to Seller shall include the quantity of gas retained by Seller for applicable compressor fuel, line loss make-up (and injection fuel under Seller's Rate Schedule GSS, if applicable) in providing the transportation service hereunder, which quantity may be changed from time to time and which will be specified in the currently effective Statement of Rates and Fuel in Part II, Section 12.1 of this tariff which relates to service under this agreement and which is incorporated herein.
- 3. In addition to the applicable charges for firm transportation service pursuant to Section 3 of Seller's Rate Schedule FT, Buyer shall reimburse Seller for any and all filing fees incurred as a result of Buyer's request for service under Seller's Rate Schedule FT, to the extent such fees are imposed upon Seller by the Federal Energy Regulatory Commission or any successor governmental authority having jurisdiction.

ARTICLE VI MISCELLANEOUS

- 1. This Agreement supersedes and cancels as of the effective date hereof the following contract(s):
- 2. No waiver by either party of any one or more defaults by the other in the performance of any provisions of this agreement shall operate or be construed as a waiver of any future default or defaults, whether of a like or different character.
- 3. The interpretation and performance of this agreement shall be in accordance with the laws of the State of ______, without recourse to the law governing conflict of laws, and to all present and future valid laws with respect to the subject matter, including present and future orders, rules and regulations of duly constituted authorities.
- 4. This agreement shall be binding upon, and inure to the benefit of the parties hereto and their respective successors and assigns.
- 5. Notices to either party shall be in writing and shall be considered as duly delivered when mailed to the other party at the following address:

Filed: June 30, 2017 Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 - Rate Schedule FT Form of Service Version 3.0.0

- (a) If to Seller:
 Transcontinental Gas Pipe Line Company, LLC
 P. O. Box 1396
 Houston, Texas 77251
 Attention:
- (b) If to Buyer:

Such addresses may be changed from time to time by mailing appropriate notice thereof to the other party by certified or registered mail.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be signed by their respective officers or representatives thereunto duly authorized.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (Seller)

Ву		 	
Print Name_		 	
Title		 	
	(Buyer)	 	<u>-</u>
Ву			
Print Name_			
Title		 	

Filed: June 30, 2017

Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

Exhibit A

[OPTIONAL IF AGREED TO: Maximum Daily Capacity Entitlement at each Receipt Point (DT/day)*]

Point(s) of Receipt

* These quantities do not include the additional quantities of gas retained by Seller for applicable compressor fuel and line loss make-up provided for in Article V, 2 of this service agreement, which are subject to change as provided for in Article V, 2 hereof.

Filed: June 30, 2017 Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

Exhibit B

Maximum Daily Capacity Entitlement at each

Point(s) of Delivery Delivery Point (Dt/Day)

Pressure

Filed: June 30, 2017

Effective: July 31, 2017

Part V - Forms of Service Agreement Section 1.1 – Rate Schedule FT Form of Service Version 3.0.0

Exhibit C

S	pe	cit	fica	tion	of	Neg	otia	ted	Rate	and	<u>Term</u>	

[OPTIONAL IF AGREED TO: Buyer agrees not to file or cause to be filed with the FERC any action, claim, complaint, or other pleading under Section 5 of the NGA, or support or participate in any such proceeding initiated by any other party, requesting a change to or in any way opposing the negotiated rate set forth above.]

[OPTIONAL IF AGREED TO: Seller agrees not to file or cause to be filed with the FERC under Section 4 of the NGA to seek to modify the negotiated rate set forth above.]

Filed: June 30, 2017 Effective: July 31, 2017

PART V - FORMS OF SERVICE AGREEMENT

SECTION 3 OPEN ACCESS FIRM STORAGE SERVICE

FORM OF SERVICE AGREEMENT (For Use Under Seller's WSS-Open Access Rate Schedule)

THIS AGREEMENT entered into this day of , , by and between TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC, a Delaware limited liability company, hereinafter referred to as "Seller"
first party, and , a corporation, hereinafter referred to as "Buyer", second party,
WITNESSETH:
WHEREAS, Seller has made available to Buyer storage capacity from its Washington Storage Field under Part 284 of the Commission's regulations; and Buyer desires to purchase and Seller desires to sell natural gas storage service under Seller's Rate Schedule WSS-Open Access as set forth herein;
WHEREAS,
NOW, THEREFORE, Seller and Buyer agree as follows:
ARTICLE I SERVICE TO BE RENDERED
Subject to the terms and provisions of this agreement and of Seller's Rate Schedule WSS-Open Access, Seller agrees to inject into storage for Buyer's account, store and withdraw from storage, quantities of natural gas as follows:
To withdraw from storage up to a maximum quantity on any day of dt, which quantity shall be Buyer's Storage Demand Quantity, or such greater daily quantity, as applicable from time to time, pursuant to the terms and conditions of Seller's Rate Schedule WSS-Open Access.
To receive and store up to a total quantity at any one time of dt, which quantity shall be Buyer's Storage Capacity Quantity.
ARTICLE II
POINT(S) OF RECEIPT AND DELIVERY
The Point of Receipt for injection of natural gas delivered to Seller by Buyer and the Point of Delivery for withdrawal of natural gas delivered by Seller to Buyer under this agreement shall be Seller's Washington Storage Field located at Seller's Station 54 in St. Landry Parish, Louisiana. Gas delivered or

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

received in Seller's pipeline system shall be at the prevailing pressure not to exceed the maximum allowable operating pressure.

	ARTICLE TERM OF AGR		
agreement Seller's service to E and shall re [or, when a when appl	greement shall be effective as of shall be effective as of the later of (insert project nature have been constructed and are ready from in force and effect until 9:00 a.m. Cent pplicable, "shall remain in force and effect from its great process." I until written notice.	ame) facilities neces for service as determ tral Clock Time for a primary term o	(year) or the date that all of ssary to provide firm storage nined in Seller's sole opinion"] (year) f"] and thereafter [or,
	ARTICLE RATE SCHEDULE		
Schedule N Seller's FER amended of by this refe pursuant to service her	shall pay Seller for natural gas service rend VSS-Open Access, and the applicable prov C Gas Tariff as filed with the Federal Energy is superseded from time to time. Such rate rence made a part hereof. In the event Buy to the provisions of Section 53 of the Gene eunder, provisions governing such negotiate Exhibit A to the service agreement.	visions of the Gene Regulatory Commis schedule and Gene ver and Seller mutua ral Terms and Cond	ral Terms and Conditions of sion, and as the same may be ral Terms and Conditions are ally agree to a negotiated rate litions and specified term for
	ARTICLE MISCELLAN		
	The subject headings of the Articles of t reference and are not intended to be a paion of the same.		
2. contracts:	This agreement supersedes and cancels	as of the effective	e date hereof the following
	No waiver by either party of any one or mons of this agreement shall operate or be hether of a like or different character.		
4. the State o	This agreement shall be interpreted, perfor	med and enforced i	n accordance with the laws of
ed: June 2, 2	016		Effective: July 3, 2016

Page 2 of 4

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

- 5. This agreement shall be binding upon, and inure to the benefit of the parties hereto and their respective successors and assigns.
- 6. Notices to either party shall be in writing and shall be considered as duly delivered when mailed to the other party at the following address:
 - (a) If to Seller:

Transcontinental Gas Pipe Line Company, LLC P. O. Box 1396 Houston, Texas 77251 Attention:

(b) If to Buyer:

Such addresses may be changed from time to time by mailing appropriate notice thereof to the other party.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be signed by their respective officers or representatives thereunto duly authorized.

TRANSCONTINENTAL GAS PIPE LINE
COMPANY, LLC
(Seller)

Ву
Print Name
Title
(Buyer)
Ву
Print Name
Title

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 3.1 – Rate Schedule WSS-Open Access Form of Service Version 1.0.0

Exhibit A

Specification of Negotiated Rate and Term

[OPTIONAL IF AGREED TO: Buyer agrees not to file or cause to be filed with the FERC any action, claim, complaint, or other pleading under Section 5 of the NGA, or support or participate in any such proceeding initiated by any other party, requesting a change to or in any way opposing the negotiated rate set forth above.]

[OPTIONAL IF AGREED TO: Seller agrees not to file or cause to be filed with the FERC under Section 4 of the NGA to seek to modify the negotiated rate set forth above.]

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 3.2 – Reserved Version 1.0.0

Reserved For Future Use

Filed: April 13, 2011

Effective: April 1, 2011

Part V - Forms of Service Agreement Section 6.5 – Rate Schedule S-2 Form of Service Version 1.0.0

FORM OF SERVICE AGREEMENT (For Use Under Seller's S-2 Rate Schedule)

THIS AGREEMENT entered into this day of (year), by and between TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC, a Delaware limited liability company, hereinafter referred to as Seller, first party, and
hereinafter referred to as Buyer, second party
WITNESSETH:
WHEREAS,
WHENEAS,
NOW, THEREFORE, Seller and Buyer agree as follows:
NOW, THEREFORE, Seller allu buyer agree as follows:
ARTICLE I
SERVICES TO BE RENDERED
Subject to the terms and provisions of this Agreement and Seller's Rate Schedule S-2, Seller agrees to receive from Buyer for storage, inject into storage for Buyer's account, store, withdraw from storage (or cause to be injected into storage for Buyer's account, stored, and withdrawn from storage) and deliver to Buyer quantities of natural gas stored by Seller (less fuel allowance, if any) as defined in Rate Schedule S-2 and stated in Article II of this Agreement.
ARTICLE II
TERM OF AGREEMENT
Subject to the provisions of Article I hereof, this Agreement shall be effective on
Natural gas service rendered hereunder shall commence on, and continue for a period of ()years and thereafter until terminated either by Seller or
Buyer upon twelve (12) months prior written notice to the other specifying a termination date of April 15, or any anniversary thereafter.

Filed: June 2, 2016

Effective: July 3, 2016

Part V - Forms of Service Agreement Section 6.5 — Rate Schedule S-2 Form of Service Version 1.0.0

ARTICLE III CONTRACT DEMAND AND STORAGE CAPACITY QUANTITY

Subject to the terms and provisions of this Agreement, Seller, during the period November 16 through April 15th, inclusive, of each contract year, agrees to withdraw or cause to be withdrawn from storage, transport and deliver to Buyer such quantities of natural gas as Buyer shall specify up to the following maximum daily quantities:

	The period from November 16 through February 16,	dt per day;
	Commencing February 17 the Maximum Daily Quantity shall decrease each successive day by dt per day until March 1, on which date the	
	Maximum Daily Quantity shall be	dt per day;
	Commencing March 2 the Maximum Daily Quantity shall decrease each successive day by dt per day until	
	March 16, on which date the Maximum Daily Quantity shall be	dt per day;
	Commencing March 17 the Maximum Daily Quantity shall decrease each successive day by dt per day until April 1, and for the period from April 1 through April 15, the Maximum Daily	
	Quantity shall be	dt per day;
provide natural	d, that Seller shall have no obligation to delive gas in excess of the following total quantities d	r to Buyer during each contract year a quantity of uring the periods hereinafter set forth:
	From November 16 through February 15, not in excess of	dt
	From November 16 through March 15, not in excess of	dt
	From November 16 through April 15, not in excess of	dt
maximu Buyer ag	m daily quantity of dt shall const	arge in Seller's Rate Schedule S-2, the foregoing itute the Contract Storage Demand of Buyer, and ticle V hereof. Buyer's Storage Capacity Quantity
-		
Filed: June 2	2, 2016	Effective: July 3, 2016

Page 2 of 4

Part V - Forms of Service Agreement Section 6.5 – Rate Schedule S-2 Form of Service Version 1.0.0

The term "contract year" as used in this Contract and in Seller's Rate Schedule S-2 shall mean a period commencing on the sixteenth day of November of each calendar year of the term hereof and continuing through the next ensuing fifteenth day of November.

ARTICLE IV POINT(S) OF DELIVERY AND DELIVERY PRESSURE(S)

Seller shall deliver natural gas hereunder to Buyer at the following Point(s) of Delivery and at a pressure(s):

ARTICLE V PRICE

Commencing on the effective date hereof Buyer shall pay Seller for all natural gas service rendered hereunder in accordance with Seller's Rate Schedule S-2 as filed with the Federal Energy Regulatory Commission, and as same may be amended or superseded, from time to time.

This Agreement in all respects shall be and remain subject to the applicable provisions of Seller's Rate Schedule S-2, which is made a part hereof by reference, and as same may be amended or superseded from time to time.

ARTICLE VI MISCELLANEOUS

- 1. The subject headings of the Articles of this agreement are inserted for the purpose of convenient reference and are not intended to be a part of this Agreement nor to be considered in any interpretation of the same.
- 2. This agreement supersedes and cancels as of the effective date hereof the following contracts:
- 3. No waiver by either party of any one or more defaults by the other in the performance of any provisions of this agreement shall operate or be construed as a waiver of any future default or defaults, whether of a like or different character.
- 4. This agreement shall be interpreted, performed, and enforced in accordance with the laws of the State of
- 5. This agreement shall be binding upon, and inure to the benefit of the parties hereto and their respective successors and assigns.
- 6. Notices to either party shall be in writing and shall be considered as duly delivered when mailed to the other party at the following address:

Filed: June 2, 2016 Effective: July 3, 2016

Part V - Forms of Service Agreement Section 6.5 – Rate Schedule S-2 Form of Service Version 1.0.0

(a) If to Seller:

Transcontinental Gas Pipe Line Company, LLC P. O. Box 1396 Houston, Texas 77251 Attention:

(b) If to Buyer:

Such addresses may be changed from time to time by mailing appropriate notice thereof to the other party.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be signed by their respective officers or representatives thereunto duly authorized.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (Seller)

Ву			
Print Name	BH B		1 000
Title			
	(Buyer)		
Ву			
Print Name _			
Title			

Filed: June 2, 2016

Effective: July 3, 2016