



Tennessee Gas Pipeline
Company, L.L.C.
a Kinder Morgan company

September 26, 2018

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Tennessee Gas Pipeline Company, L.L.C.
Pipeline Safety and Greenhouse Gas Cost Adjustment Mechanism
Docket No. RP18-____-000

Dear Ms. Bose:

Pursuant to Section 4 of the Natural Gas Act (“**NGA**”) and Part 154 of the Regulations of the Federal Energy Regulatory Commission (“**Commission**”), 18 C.F.R. Part 154, Tennessee Gas Pipeline Company, L.L.C. (“**Tennessee**”) hereby tenders for filing and acceptance revised tariff records to its FERC Gas Tariff, Sixth Revised Volume No. 1 (“**Tariff**”), which Tariff records are listed on Appendix A. Tennessee proposes that these Tariff records be placed into effect on November 1, 2018.

Statement of Nature, Reasons, and Basis for the Filing

Background

On May 15, 2015, in Docket No. RP15-990-000, Tennessee filed an offer of settlement (the “**2015 Settlement**”) to resolve all rate and other related issues arising from Tennessee’s previous rate settlement (the “**2011 Settlement**”).¹ The 2015 Settlement was approved by Commission Order dated July 1, 2015² and became effective on November 1, 2015. The 2015 Settlement maintains the Pipeline Safety and Greenhouse Gas Cost Adjustment Mechanism implemented as part of the 2011 Settlement³ and also permits Tennessee, at Tennessee’s option, to file for a replacement mechanism to take effect on or after November 1, 2019.⁴

The provisions of the Pipeline Safety and Greenhouse Gas Cost Adjustment Mechanism are set forth in Article XXXVIII of the General Terms and Conditions of Tennessee’s Tariff (“**Article XXXVIII**”). In particular, Article XXXVIII permits Tennessee

¹ *Tennessee Gas Pipeline Co.*, Offer of Settlement, Docket No. RP11-1566-000 and Docket No. RP11-2066-000, (consolidated), dated September 30, 2011. The 2011 Settlement was approved by Commission Order dated December 5, 2011. *Tennessee Gas Pipeline Co.*, 137 FERC ¶ 61,182 (2011).

² *Tennessee Gas Pipeline Company, L.L.C.*, 152 FERC ¶ 61,009 (2015).

³ *See* Article XI of the 2011 Settlement.

⁴ *See* Article IX of the 2015 Settlement.

to recover via reservation and commodity surcharges the cost of service effect of three types of costs: (i) Pipeline Safety Costs incurred or projected to be incurred by Tennessee to comply with new legislation and new regulatory requirements for pipeline safety (“**Section 2(f)(i) Costs**”); (ii) Pipeline Safety Costs incurred or projected to be incurred by Tennessee for pipeline safety initiatives by Tennessee for remotely actuated valves, wrinkle bends, and branch connections (“**Section 2(f)(ii) Costs**”); and (iii) Greenhouse Gas Costs incurred or projected to be incurred by Tennessee to comply with new greenhouse gas legislation on new greenhouse gas regulations (“**Section 2(g) Costs**”).

Instant Filing

The purpose of this filing is to place into effect on November 1, 2018, Tennessee’s revised PS/GHG Surcharges pursuant to Article XXXVIII.⁵ The instant filing reflects Tennessee’s proposed recovery of (i) Section 2(f)(ii) Costs projected to be incurred by Tennessee during the Annual Period from November 1, 2018 through October 31, 2019⁶ and (ii) Section 2(f)(ii) Costs incurred or projected to be incurred by Tennessee through October 31, 2018, the end of the immediately preceding Annual Period.⁷ In conformance with Article XXXVIII, the cost of service effect of the Section 2(f)(ii) Costs included in the instant filing reflect the sum of the cost of service effect of capital expenditures using a pre-tax return of 13.25% and the applicable depreciation and amortization rates for such capital expenditures and additional operating and maintenance expenses. Further, in conformance with Section 5.b. of Article XXXVIII, the recovery of the Section 2(f)(ii) Costs included in the instant filing for the applicable Annual Period, excluding any amounts related to the Deferred Surcharge Account(s), have been capped at \$5 million. Pursuant to Section 4 of Article XXXVIII, the reservation and commodity surcharges proposed herein, each reflect the recovery of one-half of the Cost of Service for the Annual Period plus the projected balance in the Deferred Surcharge Account(s) and are derived using Estimated Reservation and Commodity Billing Determinants for the applicable Annual Period. Exhibit 1 details the Reservation and Commodity Surcharges for its transportation services that Tennessee proposes to place into effect in the instant filing.

Tennessee includes herewith the following exhibits that detail the derivation of the PS/GHG Surcharges as proposed in this filing:

- Exhibit 1 – Derivation of PS/GHG Surcharges
- Exhibit 2 – Deferred Surcharge Account Activity and Balances
- Exhibit 3 – Cost of Service Effect for Annual Period

⁵ Section 3.a. of Article XXXVIII provides that Tennessee shall file annually to revise the PS/GHG Surcharges at least 30 days prior to the effective date of the proposed change in the surcharges and that such annual filing shall be filed on or before September 30 to become effective November 1.

⁶ As set forth in Section 2.a of Article XXXVIII, the Annual Period is the twelve month period beginning on the effective date of each annual filing.

⁷ These costs are included in the Deferred Surcharge Accounts pursuant to Section 6, Article XXXVIII. The accumulated deferred income tax balance as of December 31, 2017 associated with capital expenditures for Section 2(f)(ii) Costs have been adjusted to reflect the reduction in federal income tax rates as a result of the Tax Cuts and Jobs Act. The Tax Cut and Jobs Act, among other things, reduced the federal income tax rate from 35 percent to 21 percent, effective January 1, 2018.

Exhibit 4 – Interest Calculation – Deferred PS/GHG Surcharge Account

Materials Enclosed

In accordance with the applicable provisions of Part 154 of the Commission's regulations, Tennessee provides an eTariff .xml filing package containing:

- (1) A transmittal letter in PDF format with Appendix A attached;
- (2) Tariff records in RTF format with metadata attached;
- (3) A clean and marked version of the Tariff records in PDF format for posting on eLibrary;
- (4) Exhibits 1 through 4 - Derivation of Tennessee's proposed PS/GHG Surcharges and supporting workpapers; and
- (5) A copy of the entire filing in PDF format for posting on eLibrary.

Service and Correspondence

The undersigned certifies that a copy of this filing has been served electronically pursuant to 18 C.F.R. § 154.208 on Tennessee's customers and affected state regulatory commissions. A paper copy of this filing may only be served if a customer has been granted waiver of electronic service pursuant to 18 C.F.R. Part 390 of the Commission's regulations. In addition, an electronic copy of this filing is available for public inspection during regular business hours in Tennessee's office at 1001 Louisiana Street, Suite 1000, Houston, Texas 77002.

Pursuant to 18 C.F.R. § 385.2005 and § 385.2011(c)(5) of the Commission's regulations, the undersigned has read this filing and knows its contents, and the contents are true as stated, to the best knowledge and belief of the undersigned.

The names, titles, and mailing addresses of the persons to whom correspondence and communications concerning this filing should be directed are as follows:

* Tony Sala
Assistant General Counsel
Tennessee Gas Pipeline Company, L.L.C.
1001 Louisiana Street, Suite 1000
Houston, TX 77002
Telephone: (713) 420-6431
tony_sala@kindermorgan.com

* Carlos Oblitas
Director, Rates and Regulatory Affairs
Tennessee Gas Pipeline Company, L.L.C.
1001 Louisiana Street, Suite 1000
Houston, TX 77002
Telephone: (713) 420-5771
carlos_oblitas@kindermorgan.com

* Persons designated for service in accordance with Rule 2010 of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.2010. Additionally, service via email is requested in lieu of paper copies.

Effective Date

Pursuant to Section 3 of Article XXXVIII, Tennessee is required to file annually to revise its PS/GHG Surcharges at least 30 days prior to the effective date of the proposed change in the surcharges, to become effective on November 1 of each year. Accordingly, Tennessee respectfully requests that the Commission accept and approve Tennessee's proposed Tariff records listed on Appendix A to be effective November 1, 2018.

Pursuant to Section 154.7(a)(9) of the Commission's regulations, Tennessee hereby moves to place the revised Tariff records as listed on Appendix A into effect on the requested effective date. Additionally, pursuant to Section 18 C.F.R. § 154.206(b) of the Commission's regulations, Tennessee hereby requests the Commission to accept the Tariff records without suspension in order for these Tariff records to go into effect as requested on November 1, 2018. If the Commission conditions the acceptance of this filing in any way, Tennessee reserves the right to withdraw the proposed Tariff records or to file a later motion to place such Tariff records into effect at a later date.

Any questions regarding this filing may be directed to the undersigned at (713) 420-5771.

Respectfully submitted,

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

By: /s/ Carlos Oblitas
Carlos J. Oblitas
Director, Rates and Regulatory Affairs

Enclosures

APPENDIX A

Tennessee Gas Pipeline Company, L.L.C.

Pipeline Safety and Greenhouse Gas Cost Adjustment Mechanism

Issued: September 26, 2018

Effective: November 1, 2018

Tariff Records
FERC Gas Tariff
Sixth Revised Volume No. 1

Section Title			
Narrative Name	Record Contents Description	Tariff Record Title	Version
Twelfth Revised Sheet No. 14	Sheet No. 14	FT-A Rates - Firm Transportation	12.0.0
Fourteenth Revised Sheet No. 15	Sheet No. 15		14.0.0
Fifteenth Revised Sheet No. 16	Sheet No. 16		15.0.0
Twenty First Revised Sheet No. 19	Sheet No. 19	FT-A Rates - Recourse Incremental Expansion	21.0.0
Thirteenth Revised Sheet No. 19A	Sheet No. 19A		13.0.0
First Revised Sheet No. 19B	Sheet No. 19B		1.0.0
Twelfth Revised Sheet No. 20	Sheet No. 20	FT-BH Rates - Backhaul	12.0.0
Fifteenth Revised Sheet No. 21	Sheet No. 21		15.0.0
Sixteenth Revised Sheet No. 22	Sheet No. 22		16.0.0
Twelfth Revised Sheet No. 23	Sheet No. 23	FT-G Rates - Small Customer Transportation	12.0.0
Fourteenth Revised Sheet No. 24	Sheet No. 24		14.0.0
Fifteenth Revised Sheet No. 25	Sheet No. 25		15.0.0
Sixteenth Revised Sheet No. 26	Sheet No. 26	FT-GS Rates	16.0.0
Fifteenth Revised Sheet No. 27	Sheet No. 27		15.0.0
Thirteenth Revised Sheet No. 28	Sheet No. 28	FT-IL Rates - Incremental Lateral	13.0.0
Seventeenth Revised Sheet No. 44	Sheet No. 44	IT Rates - Interruptible Transportation	17.0.0
Twelfth Revised Sheet No. 58	Sheet No. 58	IT Rates - Incremental Lateral	12.0.0
Twelfth Revised Sheet No. 60	Sheet No. 60	PTR Rate - Liquefiable Hydrocarbons	12.0.0

CLEAN TARIFF SHEETS / RECORDS

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959
	L		\$4.9193						
	1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878
	2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830
	3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437
	4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265
	5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353
	6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626
	L		\$0.1617						
	1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769
	2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841
	3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223
	4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672
	5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346
	6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553

Maximum Reservation Rates 2 /, 3 /	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$5.5579		\$11.5962	\$15.5926	\$15.8682	\$17.4343	\$18.5047	\$23.2127
	L		\$4.9361						
	1	\$8.3585		\$8.0130	\$10.6581	\$15.0913	\$14.8628	\$16.7597	\$20.6046
	2	\$15.5927		\$10.5942	\$5.5182	\$5.1595	\$6.5971	\$9.0672	\$11.6998
	3	\$15.8682		\$8.3952	\$5.5626	\$4.0177	\$6.1625	\$11.1317	\$12.8605
	4	\$20.1427		\$18.5712	\$7.0876	\$10.7624	\$5.2766	\$5.7052	\$8.1433
	5	\$24.0141		\$16.8793	\$7.4340	\$8.9916	\$5.8600	\$5.4978	\$7.1521
	6	\$27.7771		\$19.3846	\$13.3464	\$14.7013	\$10.3894	\$5.4736	\$4.7405

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-A

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2668	\$0.2546	\$0.3030	
L		\$0.0012							
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641	
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305	
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482	
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041	
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787	
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324	

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346	
L		\$0.0012							
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300	
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143	
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163	
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092	
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066	
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020	

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$0.0038		\$0.0121	\$0.0183	\$0.0225	\$0.2674	\$0.2552	\$0.3036	
L		\$0.0018							
1	\$0.0048		\$0.0087	\$0.0153	\$0.0185	\$0.2275	\$0.2319	\$0.2647	
2	\$0.0173		\$0.0093	\$0.0018	\$0.0034	\$0.0740	\$0.1184	\$0.1311	
3	\$0.0213		\$0.0175	\$0.0032	\$0.0008	\$0.0988	\$0.1364	\$0.1488	
4	\$0.0256		\$0.0211	\$0.0093	\$0.0111	\$0.0460	\$0.0648	\$0.1047	
5	\$0.0290		\$0.0262	\$0.0106	\$0.0124	\$0.0645	\$0.0639	\$0.0793	
6	\$0.0352		\$0.0306	\$0.0149	\$0.0169	\$0.0990	\$0.0539	\$0.0330	

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 FOR RATE SCHEDULE FT-A

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.1866		\$0.3931	\$0.5304	\$0.5436	\$0.8406	\$0.8636	\$1.0668
	L		\$0.1642						
	1	\$0.2795		\$0.2719	\$0.3653	\$0.5141	\$0.7162	\$0.7830	\$0.9421
	2	\$0.5295		\$0.3574	\$0.1833	\$0.1730	\$0.2909	\$0.4166	\$0.5158
	3	\$0.5425		\$0.2931	\$0.1861	\$0.1329	\$0.3014	\$0.5025	\$0.5717
	4	\$0.6871		\$0.6311	\$0.2421	\$0.3647	\$0.2195	\$0.2524	\$0.3724
	5	\$0.8176		\$0.5805	\$0.2547	\$0.3077	\$0.2573	\$0.2447	\$0.3145
	6	\$0.9474		\$0.6670	\$0.4533	\$0.4998	\$0.4405	\$0.2338	\$0.1889

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006 Daily Reservation, \$0.0006 Commodity.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

	Base Tariff Rate	Total Rate
CP00-65 300 Line Expansion		
Reservation Charge:		
Maximum	\$3.7295	\$3.7463 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP05-355 Northeast ConneXion - New York/New Jersey Expansion		
Reservation Charge:		
Maximum	\$10.4816	\$10.4984 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP08-65 Concord Expansion		
Reservation Charge:		
Maximum	\$12.3613	\$12.3781 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP09-444 300 Line Project – Market Component		
Reservation Charge:		
Maximum	\$26.1318	\$26.1486 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP11-30-000 Northeast Supply Diversification Project		
Reservation Charge:		
Maximum	\$6.3263	\$6.3431 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000 2/, 3/, 5/
CP11-36-000 Northampton Expansion Project		
Reservation Charge:		
Maximum	\$28.1911	\$28.2079 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168 Reservation, \$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the Dominion Lease.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

	Base Tariff Rate	Total Rate
CP11-161-000 Northeast Upgrade Project		
Reservation Charge:		
Maximum	\$9.0307	\$9.0475 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP14-88-000 Niagara Expansion Project		
Reservation Charge:		
Maximum	\$9.9615	\$9.9783 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000 2/, 3/, 5/
CP14-529-000 Connecticut Expansion Project		
Reservation Charge:		
Maximum	\$19.3689	\$19.3857 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0787	\$0.0793 2/, 3/, 4/
Minimum	\$0.0066	\$0.0066 2/, 3/
CP15-77-000 Broad Run Expansion Project – Market Component		
Reservation Charge:		
Maximum	\$29.9148	\$29.9316 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0336	\$0.0342 2/, 3/, 4/
Minimum	\$0.0336	\$0.0336 2/, 3/
CP15-148-000 Susquehanna West Project		
Reservation Charge:		
Maximum	\$17.1194	\$17.1362 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0454	\$0.0460 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/
CP15-520-000 Triad Expansion Project		
Reservation Charge:		
Maximum	\$7.5292	\$7.5460 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0454	\$0.0460 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168 Reservation, \$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

	Base Tariff Rate	Total Rate
--	------------------------	---------------

CP16-4-000 Orion Project		
Reservation Charge:		
Maximum	\$16.5208	\$16.5376 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0454	\$0.0460 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168 Reservation, \$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-BH

Base
 Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.7705							
L		\$2.4596						
1	\$4.1708		\$3.9980					
2	\$7.7879		\$5.2886	\$2.7506				
3	\$7.9257		\$4.1892	\$2.7729	\$2.0004			
4	\$10.0630		\$9.2772	\$3.5354	\$5.3728	\$2.6299		
5	\$11.9986		\$8.4312	\$3.7086	\$4.4874	\$2.9215	\$2.7405	
6	\$13.8801		\$9.6839	\$6.6649	\$7.3422	\$5.1863	\$2.7284	\$2.3619

Daily Base
 Reservation Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0911							
L		\$0.0809						
1	\$0.1371		\$0.1314					
2	\$0.2560		\$0.1739	\$0.0904				
3	\$0.2606		\$0.1377	\$0.0912	\$0.0658			
4	\$0.3308		\$0.3050	\$0.1162	\$0.1766	\$0.0865		
5	\$0.3945		\$0.2772	\$0.1219	\$0.1475	\$0.0960	\$0.0901	
6	\$0.4563		\$0.3184	\$0.2191	\$0.2414	\$0.1705	\$0.0897	\$0.0777

Maximum
 Reservation Rates 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.7789							
L		\$2.4680						
1	\$4.1792		\$4.0064					
2	\$7.7963		\$5.2970	\$2.7590				
3	\$7.9341		\$4.1976	\$2.7813	\$2.0088			
4	\$10.0714		\$9.2856	\$3.5438	\$5.3812	\$2.6383		
5	\$12.0070		\$8.4396	\$3.7170	\$4.4958	\$2.9299	\$2.7489	
6	\$13.8885		\$9.6923	\$6.6733	\$7.3506	\$5.1947	\$2.7368	\$2.3703

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0084.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-BH

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0487							
L		\$0.0416						
1	\$0.0727		\$0.0736					
2	\$0.1442		\$0.0954	\$0.0464				
3	\$0.1504		\$0.0853	\$0.0481	\$0.0331			
4	\$0.1897		\$0.1724	\$0.0665	\$0.0985	\$0.0887		
5	\$0.2248		\$0.1634	\$0.0706	\$0.0852	\$0.1119	\$0.1084	
6	\$0.2618		\$0.1883	\$0.1234	\$0.1366	\$0.1836	\$0.0981	\$0.0712

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032							
L		\$0.0012						
1	\$0.0042		\$0.0081					
2	\$0.0167		\$0.0087	\$0.0012				
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002			
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028		
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0494							
L		\$0.0423						
1	\$0.0734		\$0.0743					
2	\$0.1449		\$0.0961	\$0.0471				
3	\$0.1511		\$0.0860	\$0.0488	\$0.0338			
4	\$0.1904		\$0.1731	\$0.0672	\$0.0992	\$0.0894		
5	\$0.2255		\$0.1641	\$0.0713	\$0.0859	\$0.1126	\$0.1091	
6	\$0.2625		\$0.1890	\$0.1241	\$0.1373	\$0.1843	\$0.0988	\$0.0719

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0007.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-BH

Maximum
 Commodity Rates 1/, 2, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1408							
L		\$0.1235						
1	\$0.2108		\$0.2060					
2	\$0.4012		\$0.2703	\$0.1378				
3	\$0.4120		\$0.2240	\$0.1403	\$0.0999			
4	\$0.5215		\$0.4784	\$0.1837	\$0.2761	\$0.1762		
5	\$0.6203		\$0.4416	\$0.1935	\$0.2337	\$0.2089	\$0.1995	
6	\$0.7191		\$0.5077	\$0.3435	\$0.3790	\$0.3551	\$0.1888	\$0.1499

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation Charge.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0003 Daily Reservation, \$0.0007 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-G

Base Reservation Rates

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959	
L		\$4.9193							
1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878	
2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830	
3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437	
4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265	
5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353	
6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237	

Daily Base Reservation Rates 1/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626	
L		\$0.1617							
1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769	
2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841	
3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223	
4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672	
5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346	
6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553	

Maximum Reservation Rates 2/, 3/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$5.5579		\$11.5962	\$15.5926	\$15.8682	\$17.4343	\$18.5047	\$23.2127	
L		\$4.9361							
1	\$8.3585		\$8.0130	\$10.6581	\$15.0913	\$14.8628	\$16.7597	\$20.6046	
2	\$15.5927		\$10.5942	\$5.5182	\$5.1595	\$6.5971	\$9.0672	\$11.6998	
3	\$15.8682		\$8.3952	\$5.5626	\$4.0177	\$6.1625	\$11.1317	\$12.8605	
4	\$20.1427		\$18.5712	\$7.0876	\$10.7624	\$5.2766	\$5.7052	\$8.1433	
5	\$24.0141		\$16.8793	\$7.4340	\$8.9916	\$5.8600	\$5.4978	\$7.1521	
6	\$27.7771		\$19.3846	\$13.3464	\$14.7013	\$10.3894	\$5.4736	\$4.7405	

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FT-G

Base
 Commodity Rate

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2668	\$0.2546	\$0.3030
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0038		\$0.0121	\$0.0183	\$0.0225	\$0.2674	\$0.2552	\$0.3036
L		\$0.0018						
1	\$0.0048		\$0.0087	\$0.0153	\$0.0185	\$0.2275	\$0.2319	\$0.2647
2	\$0.0173		\$0.0093	\$0.0018	\$0.0034	\$0.0740	\$0.1184	\$0.1311
3	\$0.0213		\$0.0175	\$0.0032	\$0.0008	\$0.0988	\$0.1364	\$0.1488
4	\$0.0256		\$0.0211	\$0.0093	\$0.0111	\$0.0460	\$0.0648	\$0.1047
5	\$0.0290		\$0.0262	\$0.0106	\$0.0124	\$0.0645	\$0.0639	\$0.0793
6	\$0.0352		\$0.0306	\$0.0149	\$0.0169	\$0.0990	\$0.0539	\$0.0330

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-G

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.1866		\$0.3931	\$0.5304	\$0.5436	\$0.8406	\$0.8636	\$1.0668
	L		\$0.1642						
	1	\$0.2795		\$0.2719	\$0.3653	\$0.5141	\$0.7162	\$0.7830	\$0.9421
	2	\$0.5295		\$0.3574	\$0.1833	\$0.1730	\$0.2909	\$0.4166	\$0.5158
	3	\$0.5425		\$0.2931	\$0.1861	\$0.1329	\$0.3014	\$0.5025	\$0.5717
	4	\$0.6871		\$0.6311	\$0.2421	\$0.3647	\$0.2195	\$0.2524	\$0.3724
	5	\$0.8176		\$0.5805	\$0.2547	\$0.3077	\$0.2573	\$0.2447	\$0.3145
	6	\$0.9474		\$0.6670	\$0.4533	\$0.4998	\$0.4405	\$0.2338	\$0.1889

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006 Daily Reservation, \$0.0006 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION - GS RATES (FT-GS)

Base Rates

RECEIPT		DELIVERY ZONE							
ZONE	0	L	1	2	3	4	5	6	
0	\$0.3067		\$0.6456	\$0.8707	\$0.8898	\$1.2212	\$1.2676	\$1.5740	
L		\$0.2707							
1	\$0.4611		\$0.4460	\$0.5973	\$0.8434	\$1.0403	\$1.1488	\$1.3922	
2	\$0.8697		\$0.5880	\$0.3026	\$0.2846	\$0.4340	\$0.6137	\$0.7706	
3	\$0.8886		\$0.4755	\$0.3064	\$0.2194	\$0.4349	\$0.7449	\$0.8520	
4	\$1.1270		\$1.0365	\$0.3960	\$0.5990	\$0.3336	\$0.3759	\$0.5494	
5	\$1.3425		\$0.9489	\$0.4161	\$0.5032	\$0.3841	\$0.3638	\$0.4696	
6	\$1.5547		\$1.0903	\$0.7443	\$0.8204	\$0.6668	\$0.3522	\$0.2912	

Minimum Rates 1/, 2/

RECEIPT		DELIVERY ZONE							
ZONE	0	L	1	2	3	4	5	6	
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346	
L		\$0.0012							
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300	
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143	
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163	
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092	
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066	
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020	

Maximum Rates 1/, 2/, 3/, 4/

RECEIPT		DELIVERY ZONE							
ZONE	0	L	1	2	3	4	5	6	
0	\$0.3082		\$0.6471	\$0.8722	\$0.8913	\$1.2227	\$1.2691	\$1.5755	
L		\$0.2722							
1	\$0.4626		\$0.4475	\$0.5988	\$0.8449	\$1.0418	\$1.1503	\$1.3937	
2	\$0.8712		\$0.5895	\$0.3041	\$0.2861	\$0.4355	\$0.6152	\$0.7721	
3	\$0.8901		\$0.4770	\$0.3079	\$0.2209	\$0.4364	\$0.7464	\$0.8535	
4	\$1.1285		\$1.0380	\$0.3975	\$0.6005	\$0.3351	\$0.3774	\$0.5509	
5	\$1.3440		\$0.9504	\$0.4176	\$0.5047	\$0.3856	\$0.3653	\$0.4711	
6	\$1.5562		\$1.0918	\$0.7458	\$0.8219	\$0.6683	\$0.3537	\$0.2927	

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0009 Daily Reservation at 60% L.F., \$0.0006 Commodity.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-GS

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE -----								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.3082		\$0.6471	\$0.8722	\$0.8913	\$1.2227	\$1.2691	\$1.5755
	L		\$0.2722						
	1	\$0.4626		\$0.4475	\$0.5988	\$0.8449	\$1.0418	\$1.1503	\$1.3937
	2	\$0.8712		\$0.5895	\$0.3041	\$0.2861	\$0.4355	\$0.6152	\$0.7721
	3	\$0.8901		\$0.4770	\$0.3079	\$0.2209	\$0.4364	\$0.7464	\$0.8535
	4	\$1.1285		\$1.0380	\$0.3975	\$0.6005	\$0.3351	\$0.3774	\$0.5509
	5	\$1.3440		\$0.9504	\$0.4176	\$0.5047	\$0.3856	\$0.3653	\$0.4711
	6	\$1.5562		\$1.0918	\$0.7458	\$0.8219	\$0.6683	\$0.3537	\$0.2927

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0009 Daily Reservation at 60% L.F, \$0.0006 Commodity.

RATE SCHEDULE FT-IL
 FIRM TRANSPORTATION INCREMENTAL LATERAL SERVICE

	Base Tariff Rate	Total Rate
Tewksbury-Andover Lateral		
Reservation Charge:		
Maximum	\$6.2443	\$6.2611 1/, 3/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0006 2/, 3/
Minimum	\$0.0000	\$0.0000 2/
Authorized Overrun Charge:		
Maximum	\$0.2053	\$0.2065 1/, 2/, 3/
Minimum	\$0.0000	\$0.0000 2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0168 Reservation, \$0.0006 Commodity.

RATES PER DEKATHERM

INTERRUPTIBLE TRANSPORTATION RATES (IT)

Base Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1854		\$0.3919	\$0.5292	\$0.5424	\$0.8394	\$0.8624	\$1.0656
L		\$0.1630						
1	\$0.2783		\$0.2707	\$0.3641	\$0.5129	\$0.7150	\$0.7818	\$0.9409
2	\$0.5283		\$0.3562	\$0.1821	\$0.1718	\$0.2897	\$0.4154	\$0.5146
3	\$0.5413		\$0.2919	\$0.1849	\$0.1317	\$0.3002	\$0.5013	\$0.5705
4	\$0.6859		\$0.6299	\$0.2409	\$0.3635	\$0.2183	\$0.2512	\$0.3712
5	\$0.8164		\$0.5793	\$0.2535	\$0.3065	\$0.2561	\$0.2435	\$0.3133
6	\$0.9462		\$0.6658	\$0.4521	\$0.4986	\$0.4393	\$0.2326	\$0.1877

Minimum Rates 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum Rates 1/, 2/, 3/, 4/, 5/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1866		\$0.3931	\$0.5304	\$0.5436	\$0.8406	\$0.8636	\$1.0668
L		\$0.1642						
1	\$0.2795		\$0.2719	\$0.3653	\$0.5141	\$0.7162	\$0.7830	\$0.9421
2	\$0.5295		\$0.3574	\$0.1833	\$0.1730	\$0.2909	\$0.4166	\$0.5158
3	\$0.5425		\$0.2931	\$0.1861	\$0.1329	\$0.3014	\$0.5025	\$0.5717
4	\$0.6871		\$0.6311	\$0.2421	\$0.3647	\$0.2195	\$0.2524	\$0.3724
5	\$0.8176		\$0.5805	\$0.2547	\$0.3077	\$0.2573	\$0.2447	\$0.3145
6	\$0.9474		\$0.6670	\$0.4533	\$0.4998	\$0.4405	\$0.2338	\$0.1889

Notes:

- 1/ The IT rate for each zone will be the respective 100% load factor equivalent of the maximum FT-A demand and commodity rates.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 3/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 4/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 5/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006 Daily Reservation, \$0.0006 Commodity.

INTERRUPTIBLE TRANSPORTATION RATES (IT)
 INCREMENTAL LATERAL CHARGES

=====

	Base Tariff Rate	Total Rate
Tewksbury-Andover Lateral Commodity Charge:		
Maximum	\$0.2053	\$0.2065 1/, 2/, 3/
Minimum	\$0.0000	\$0.0000 2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006 Daily Reservation, \$0.0006 Commodity.

RATE SCHEDULE PTR 1/
 =====

RATES PER DEKATHERM

Rate Schedule and Rate -----	Base Tariff Rate -----	Max Rate 2/, 3/, 4/ -----
Commodity Rate	\$0.1630	\$0.1642

Notes:

- 1/ The PTR rate is the 100% load factor equivalent of the maximum FT-A demand and commodity rate for zone L to L.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0006 Daily Reservation, \$0.0006 Commodity.

MARKED TARIFF SHEETS / RECORDS

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959
	L		\$4.9193						
	1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878
	2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830
	3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437
	4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265
	5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353
	6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626
	L		\$0.1617						
	1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769
	2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841
	3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223
	4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672
	5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346
	6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553

Maximum Reservation Rates 2 /, 3 /	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$5.5579 \$5.5627		\$11.5962 \$11.6010	\$15.5926 \$15.5974	\$15.8682 \$15.8730	\$17.4343 \$17.4391	\$18.5047 \$18.5095	\$23.2127 \$23.2175
	L		\$4.9361 \$4.9409						
	1	\$8.3585 \$8.3633		\$8.0130 \$8.0178	\$10.6581 \$10.6629	\$15.0913 \$15.0961	\$14.8628 \$14.8676	\$16.7597 \$16.7645	\$20.6046 \$20.6094
	2	\$15.5927 \$15.5975		\$10.5942 \$10.5990	\$5.5182 \$5.5230	\$5.1595 \$5.1643	\$6.5971 \$6.6019	\$9.0672 \$9.0720	\$11.6998 \$11.7046
	3	\$15.8682 \$15.8730		\$8.3952 \$8.4000	\$5.5626 \$5.5674	\$4.0177 \$4.0225	\$6.1625 \$6.1673	\$11.1317 \$11.1365	\$12.8605 \$12.8653
	4	\$20.1427 \$20.1475		\$18.5712 \$18.5760	\$7.0876 \$7.0924	\$10.7624 \$10.7672	\$5.2766 \$5.2814	\$5.7052 \$5.7100	\$8.1433 \$8.1481
	5	\$24.0141 \$24.0189		\$16.8793 \$16.8841	\$7.4340 \$7.4388	\$8.9916 \$8.9964	\$5.8600 \$5.8648	\$5.4978 \$5.5026	\$7.1521 \$7.1569
	6	\$27.7771 \$27.7819		\$19.3846 \$19.3894	\$13.3464 \$13.3512	\$14.7013 \$14.7061	\$10.3894 \$10.3942	\$5.4736 \$5.4784	\$4.7405 \$4.7453

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~\$0.0168.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-A

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2668	\$0.2546	\$0.3030
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0038		\$0.0121	\$0.0183	\$0.0225	\$0.2674	\$0.2552	\$0.3036
L	\$0.0041	\$0.0018	\$0.0124	\$0.0186	\$0.0228	\$0.2677	\$0.2555	\$0.3039
1	\$0.0048	\$0.0021	\$0.0087	\$0.0153	\$0.0185	\$0.2275	\$0.2319	\$0.2647
2	\$0.0051		\$0.0090	\$0.0156	\$0.0188	\$0.2278	\$0.2322	\$0.2650
3	\$0.0173		\$0.0093	\$0.0018	\$0.0034	\$0.0740	\$0.1184	\$0.1311
4	\$0.0176		\$0.0096	\$0.0021	\$0.0037	\$0.0743	\$0.1187	\$0.1314
5	\$0.0213		\$0.0175	\$0.0032	\$0.0008	\$0.0988	\$0.1364	\$0.1488
6	\$0.0216		\$0.0178	\$0.0035	\$0.0011	\$0.0991	\$0.1367	\$0.1491
1	\$0.0256		\$0.0211	\$0.0093	\$0.0111	\$0.0460	\$0.0648	\$0.1047
2	\$0.0259		\$0.0214	\$0.0096	\$0.0114	\$0.0463	\$0.0651	\$0.1050
3	\$0.0290		\$0.0262	\$0.0106	\$0.0124	\$0.0645	\$0.0639	\$0.0793
4	\$0.0293		\$0.0265	\$0.0109	\$0.0127	\$0.0648	\$0.0642	\$0.0796
5	\$0.0352		\$0.0306	\$0.0149	\$0.0169	\$0.0990	\$0.0539	\$0.0330
6	\$0.0355		\$0.0309	\$0.0152	\$0.0172	\$0.0993	\$0.0542	\$0.0333

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&L's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0009~~\$0.0006.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 FOR RATE SCHEDULE FT-A

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1866 \$0.1870		\$0.3931 \$0.3935	\$0.5304 \$0.5308	\$0.5436 \$0.5440	\$0.8406 \$0.8410	\$0.8636 \$0.8640	\$1.0668 \$1.0672
	L		\$0.1642 \$0.1646						
	1	\$0.2795 \$0.2799		\$0.2719 \$0.2723	\$0.3653 \$0.3657	\$0.5141 \$0.5145	\$0.7162 \$0.7166	\$0.7830 \$0.7834	\$0.9421 \$0.9425
	2	\$0.5295 \$0.5299		\$0.3574 \$0.3578	\$0.1833 \$0.1837	\$0.1730 \$0.1734	\$0.2909 \$0.2913	\$0.4166 \$0.4170	\$0.5158 \$0.5162
	3	\$0.5425 \$0.5429		\$0.2931 \$0.2935	\$0.1861 \$0.1865	\$0.1329 \$0.1333	\$0.3014 \$0.3018	\$0.5025 \$0.5029	\$0.5717 \$0.5721
	4	\$0.6871 \$0.6875		\$0.6311 \$0.6315	\$0.2421 \$0.2425	\$0.3647 \$0.3651	\$0.2195 \$0.2199	\$0.2524 \$0.2528	\$0.3724 \$0.3728
	5	\$0.8176 \$0.8180		\$0.5805 \$0.5809	\$0.2547 \$0.2551	\$0.3077 \$0.3081	\$0.2573 \$0.2577	\$0.2447 \$0.2451	\$0.3145 \$0.3149
	6	\$0.9474 \$0.9478		\$0.6670 \$0.6674	\$0.4533 \$0.4537	\$0.4998 \$0.5002	\$0.4405 \$0.4409	\$0.2338 \$0.2342	\$0.1889 \$0.1893

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0006~~~~\$0.0007~~ Daily Reservation, ~~\$0.0006~~~~\$0.0009~~ Commodity.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

	Base Tariff Rate	Total Rate
CP00-65 300 Line Expansion		
Reservation Charge:		
Maximum	\$3.7295	\$3.7511 <u>\$3.7463</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP05-355 Northeast ConneXion - New York/New Jersey Expansion		
Reservation Charge:		
Maximum	\$10.4816	\$10.5032 <u>\$10.4984</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP08-65 Concord Expansion		
Reservation Charge:		
Maximum	\$12.3613	\$12.3829 <u>\$12.3781</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP09-444 300 Line Project – Market Component		
Reservation Charge:		
Maximum	\$26.1318	\$26.1534 <u>\$26.1486</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP11-30-000 Northeast Supply Diversification Project		
Reservation Charge:		
Maximum	\$6.3263	\$6.3479 <u>\$6.3431</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000 2/, 3/, 5/
CP11-36-000 Northampton Expansion Project		
Reservation Charge:		
Maximum	\$28.1911	\$28.2127 <u>\$28.2079</u> 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u> 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~ \$0.0168 Reservation, ~~\$0.0009~~ \$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the Dominion Lease.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

Base Tariff Rate	Total Rate
------------------------	---------------

CP11-161-000 Northeast Upgrade Project

Reservation Charge:

Maximum	\$9.0307	\$9.0523 <u>\$9.0475</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u>	2/, 3/, 4/
Minimum	\$0.0000	\$0.0000	2/, 3/

CP14-88-000 Niagara Expansion Project

Reservation Charge:

Maximum	\$9.9615	\$9.9831 <u>\$9.9783</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u>	2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000	2/, 3/, 5/

CP14-529-000 Connecticut Expansion Project

Reservation Charge:

Maximum	\$19.3689	\$19.3905 <u>\$19.3857</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0787	\$0.0796 <u>\$0.0793</u>	2/, 3/, 4/
Minimum	\$0.0066	\$0.0066	2/, 3/

CP15-77-000 Broad Run Expansion Project – Market Component

Reservation Charge:

Maximum	\$29.9148	\$29.9364 <u>\$29.9316</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0336	\$0.0345 <u>\$0.0342</u>	2/, 3/, 4/
Minimum	\$0.0336	\$0.0336	2/, 3/

CP15-148-000 Susquehanna West Project

Reservation Charge:

Maximum	\$17.1194	\$17.1410 <u>\$17.1362</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0454	\$0.0463 <u>\$0.0460</u>	2/, 3/, 4/
Minimum	\$0.0028	\$0.0028	2/, 3/

CP15-520-000 Triad Expansion Project

Reservation Charge:

Maximum	\$7.5292	\$7.5508 <u>\$7.5460</u>	1/, 4/
Minimum	\$0.0000	\$0.0000	

Commodity Charge:

Maximum	\$0.0454	\$0.0463 <u>\$0.0460</u>	2/, 3/, 4/
Minimum	\$0.0028	\$0.0028	2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&L's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~\$0.0168 Reservation, ~~\$0.0009~~\$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-A

=====

Recourse Rates Applicable to Shippers Utilizing Capacity
 Pursuant to Incremental Capacity Expansions

Base Tariff Rate	Total Rate
------------------------	---------------

CP16-4-000 Orion Project

Reservation Charge:

Maximum	\$16.5208	\$16.5424 <u>\$16.5376</u> 1/, 4/
Minimum	\$0.0000	\$0.0000

Commodity Charge:

Maximum	\$0.0454	\$0.0463 <u>\$0.0460</u> 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~ \$0.0168 Reservation, ~~\$0.0009~~ \$0.0006 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-BH

Base
 Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.7705							
L		\$2.4596						
1	\$4.1708		\$3.9980					
2	\$7.7879		\$5.2886	\$2.7506				
3	\$7.9257		\$4.1892	\$2.7729	\$2.0004			
4	\$10.0630		\$9.2772	\$3.5354	\$5.3728	\$2.6299		
5	\$11.9986		\$8.4312	\$3.7086	\$4.4874	\$2.9215	\$2.7405	
6	\$13.8801		\$9.6839	\$6.6649	\$7.3422	\$5.1863	\$2.7284	\$2.3619

Daily Base
 Reservation Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0911							
L		\$0.0809						
1	\$0.1371		\$0.1314					
2	\$0.2560		\$0.1739	\$0.0904				
3	\$0.2606		\$0.1377	\$0.0912	\$0.0658			
4	\$0.3308		\$0.3050	\$0.1162	\$0.1766	\$0.0865		
5	\$0.3945		\$0.2772	\$0.1219	\$0.1475	\$0.0960	\$0.0901	
6	\$0.4563		\$0.3184	\$0.2191	\$0.2414	\$0.1705	\$0.0897	\$0.0777

Maximum
 Reservation Rates 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.7789 \$2.7813							
L		\$2.4680 \$2.4704						
1	\$4.1792 \$4.1816		\$4.0064 \$4.0088					
2	\$7.7963 \$7.7987		\$5.2970 \$5.2994	\$2.7590 \$2.7614				
3	\$7.9341 \$7.9365		\$4.1976 \$4.2000	\$2.7813 \$2.7837	\$2.0088 \$2.0112			
4	\$10.0714 \$10.0738		\$9.2856 \$9.2880	\$3.5438 \$3.5462	\$5.3812 \$5.3836	\$2.6383 \$2.6407		
5	\$12.0070 \$12.0094		\$8.4396 \$8.4420	\$3.7170 \$3.7194	\$4.4958 \$4.4982	\$2.9299 \$2.9323	\$2.7489 \$2.7513	
6	\$13.8885 \$13.8909		\$9.6923 \$9.6947	\$6.6733 \$6.6757	\$7.3506 \$7.3530	\$5.1947 \$5.1971	\$2.7368 \$2.7392	\$2.3703 \$2.3727

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0108~~\$0.0084.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-BH

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0487							
L		\$0.0416						
1	\$0.0727		\$0.0736					
2	\$0.1442		\$0.0954	\$0.0464				
3	\$0.1504		\$0.0853	\$0.0481	\$0.0331			
4	\$0.1897		\$0.1724	\$0.0665	\$0.0985	\$0.0887		
5	\$0.2248		\$0.1634	\$0.0706	\$0.0852	\$0.1119	\$0.1084	
6	\$0.2618		\$0.1883	\$0.1234	\$0.1366	\$0.1836	\$0.0981	\$0.0712

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032							
L		\$0.0012						
1	\$0.0042		\$0.0081					
2	\$0.0167		\$0.0087	\$0.0012				
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002			
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028		
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0494 \$0.0498							
L		\$0.0423 \$0.0427						
1	\$0.0734 \$0.0738		\$0.0743 \$0.0747					
2	\$0.1449 \$0.1453		\$0.0961 \$0.0965	\$0.0471 \$0.0475				
3	\$0.1511 \$0.1515		\$0.0860 \$0.0864	\$0.0488 \$0.0492	\$0.0338 \$0.0342			
4	\$0.1904 \$0.1908		\$0.1731 \$0.1735	\$0.0672 \$0.0676	\$0.0992 \$0.0996	\$0.0894 \$0.0898		
5	\$0.2255 \$0.2259		\$0.1641 \$0.1645	\$0.0713 \$0.0717	\$0.0859 \$0.0863	\$0.1126 \$0.1130	\$0.1091 \$0.1095	
6	\$0.2625 \$0.2629		\$0.1890 \$0.1894	\$0.1241 \$0.1245	\$0.1373 \$0.1377	\$0.1843 \$0.1847	\$0.0988 \$0.0992	\$0.0719 \$0.0723

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0011~~\$0.0007.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-BH

Maximum Commodity Rates 1/, 2, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
0	\$0.1408								
	\$0.1413								
L			\$0.1235						
			\$0.1240						
1	\$0.2108			\$0.2060					
	\$0.2113			\$0.2065					
2	\$0.4012			\$0.2703	\$0.1378				
	\$0.4017			\$0.2708	\$0.1383				
3	\$0.4120			\$0.2240	\$0.1403	\$0.0999			
	\$0.4125			\$0.2245	\$0.1408	\$0.1004			
4	\$0.5215			\$0.4784	\$0.1837	\$0.2761	\$0.1762		
	\$0.5220			\$0.4789	\$0.1842	\$0.2766	\$0.1767		
5	\$0.6203			\$0.4416	\$0.1935	\$0.2337	\$0.2089	\$0.1995	
	\$0.6208			\$0.4421	\$0.1940	\$0.2342	\$0.2094	\$0.2000	
6	\$0.7191			\$0.5077	\$0.3435	\$0.3790	\$0.3551	\$0.1888	\$0.1499
	\$0.7196			\$0.5082	\$0.3440	\$0.3795	\$0.3556	\$0.1893	\$0.1504

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation Charge.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0004~~\$0.0003 Daily Reservation, ~~\$0.0011~~\$0.0007 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-G

Base Reservation Rates		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959	
L		\$4.9193							
1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878	
2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830	
3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437	
4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265	
5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353	
6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237	

Daily Base Reservation Rates 1/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626	
L		\$0.1617							
1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769	
2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841	
3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223	
4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672	
5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346	
6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553	

Maximum Reservation Rates 2/, 3/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5579 \$5.5627		\$11.5962 \$11.6010	\$15.5926 \$15.5974	\$15.8682 \$15.8730	\$17.4343 \$17.4391	\$18.5047 \$18.5095	\$23.2127 \$23.2175	
L		\$4.9361 \$4.9409							
1	\$8.3585 \$8.3633		\$8.0130 \$8.0178	\$10.6581 \$10.6629	\$15.0913 \$15.0961	\$14.8628 \$14.8676	\$16.7597 \$16.7645	\$20.6046 \$20.6094	
2	\$15.5927 \$15.5975		\$10.5942 \$10.5990	\$5.5182 \$5.5230	\$5.1595 \$5.1643	\$6.5971 \$6.6019	\$9.0672 \$9.0720	\$11.6998 \$11.7046	
3	\$15.8682 \$15.8730		\$8.3952 \$8.4000	\$5.5626 \$5.5674	\$4.0177 \$4.0225	\$6.1625 \$6.1673	\$11.1317 \$11.1365	\$12.8605 \$12.8653	
4	\$20.1427 \$20.1475		\$18.5712 \$18.5760	\$7.0876 \$7.0924	\$10.7624 \$10.7672	\$5.2766 \$5.2814	\$5.7052 \$5.7100	\$8.1433 \$8.1481	
5	\$24.0141 \$24.0189		\$16.8793 \$16.8841	\$7.4340 \$7.4388	\$8.9916 \$8.9964	\$5.8600 \$5.8648	\$5.4978 \$5.5026	\$7.1521 \$7.1569	
6	\$27.7771 \$27.7819		\$19.3846 \$19.3894	\$13.3464 \$13.3512	\$14.7013 \$14.7061	\$10.3894 \$10.3942	\$5.4736 \$5.4784	\$4.7405 \$4.7453	

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~\$0.0168.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FT-G

Base
 Commodity Rate

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2668	\$0.2546	\$0.3030
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0038 \$0.0041		\$0.0121 \$0.0124	\$0.0183 \$0.0186	\$0.0225 \$0.0228	\$0.2674 \$0.2677	\$0.2552 \$0.2555	\$0.3036 \$0.3039
L		\$0.0018 \$0.0021						
1	\$0.0048 \$0.0051		\$0.0087 \$0.0090	\$0.0153 \$0.0156	\$0.0185 \$0.0188	\$0.2275 \$0.2278	\$0.2319 \$0.2322	\$0.2647 \$0.2650
2	\$0.0173 \$0.0176		\$0.0093 \$0.0096	\$0.0018 \$0.0021	\$0.0034 \$0.0037	\$0.0740 \$0.0743	\$0.1184 \$0.1187	\$0.1311 \$0.1314
3	\$0.0213 \$0.0216		\$0.0175 \$0.0178	\$0.0032 \$0.0035	\$0.0008 \$0.0011	\$0.0988 \$0.0991	\$0.1364 \$0.1367	\$0.1488 \$0.1491
4	\$0.0256 \$0.0259		\$0.0211 \$0.0214	\$0.0093 \$0.0096	\$0.0111 \$0.0114	\$0.0460 \$0.0463	\$0.0648 \$0.0651	\$0.1047 \$0.1050
5	\$0.0290 \$0.0293		\$0.0262 \$0.0265	\$0.0106 \$0.0109	\$0.0124 \$0.0127	\$0.0645 \$0.0648	\$0.0639 \$0.0642	\$0.0793 \$0.0796
6	\$0.0352 \$0.0355		\$0.0306 \$0.0309	\$0.0149 \$0.0152	\$0.0169 \$0.0172	\$0.0990 \$0.0993	\$0.0539 \$0.0542	\$0.0330 \$0.0333

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0009~~\$0.0006.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-G

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.1866 \$0.1870		\$0.3931 \$0.3935	\$0.5304 \$0.5308	\$0.5436 \$0.5440	\$0.8406 \$0.8410	\$0.8636 \$0.8640	\$1.0668 \$1.0672
	L		\$0.1642 \$0.1646						
	1	\$0.2795 \$0.2799		\$0.2719 \$0.2723	\$0.3653 \$0.3657	\$0.5141 \$0.5145	\$0.7162 \$0.7166	\$0.7830 \$0.7834	\$0.9421 \$0.9425
	2	\$0.5295 \$0.5299		\$0.3574 \$0.3578	\$0.1833 \$0.1837	\$0.1730 \$0.1734	\$0.2909 \$0.2913	\$0.4166 \$0.4170	\$0.5158 \$0.5162
	3	\$0.5425 \$0.5429		\$0.2931 \$0.2935	\$0.1861 \$0.1865	\$0.1329 \$0.1333	\$0.3014 \$0.3018	\$0.5025 \$0.5029	\$0.5717 \$0.5721
	4	\$0.6871 \$0.6875		\$0.6311 \$0.6315	\$0.2421 \$0.2425	\$0.3647 \$0.3651	\$0.2195 \$0.2199	\$0.2524 \$0.2528	\$0.3724 \$0.3728
	5	\$0.8176 \$0.8180		\$0.5805 \$0.5809	\$0.2547 \$0.2551	\$0.3077 \$0.3081	\$0.2573 \$0.2577	\$0.2447 \$0.2451	\$0.3145 \$0.3149
	6	\$0.9474 \$0.9478		\$0.6670 \$0.6674	\$0.4533 \$0.4537	\$0.4998 \$0.5002	\$0.4405 \$0.4409	\$0.2338 \$0.2342	\$0.1889 \$0.1893

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0007~~\$0.0006 Daily Reservation, ~~\$0.0009~~\$0.0006 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION - GS RATES (FT-GS)

Base Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.3067		\$0.6456	\$0.8707	\$0.8898	\$1.2212	\$1.2676	\$1.5740
L		\$0.2707						
1	\$0.4611		\$0.4460	\$0.5973	\$0.8434	\$1.0403	\$1.1488	\$1.3922
2	\$0.8697		\$0.5880	\$0.3026	\$0.2846	\$0.4340	\$0.6137	\$0.7706
3	\$0.8886		\$0.4755	\$0.3064	\$0.2194	\$0.4349	\$0.7449	\$0.8520
4	\$1.1270		\$1.0365	\$0.3960	\$0.5990	\$0.3336	\$0.3759	\$0.5494
5	\$1.3425		\$0.9489	\$0.4161	\$0.5032	\$0.3841	\$0.3638	\$0.4696
6	\$1.5547		\$1.0903	\$0.7443	\$0.8204	\$0.6668	\$0.3522	\$0.2912

Minimum Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum Rates 1/, 2/, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.3082 \$0.3088		\$0.6471 \$0.6477	\$0.8722 \$0.8728	\$0.8913 \$0.8919	\$1.2227 \$1.2233	\$1.2691 \$1.2697	\$1.5755 \$1.5761
L		\$0.2722 \$0.2728						
1	\$0.4626 \$0.4632		\$0.4475 \$0.4481	\$0.5988 \$0.5994	\$0.8449 \$0.8455	\$1.0418 \$1.0424	\$1.1503 \$1.1509	\$1.3937 \$1.3943
2	\$0.8712 \$0.8718		\$0.5895 \$0.5901	\$0.3041 \$0.3047	\$0.2861 \$0.2867	\$0.4355 \$0.4361	\$0.6152 \$0.6158	\$0.7721 \$0.7727
3	\$0.8901 \$0.8907		\$0.4770 \$0.4776	\$0.3079 \$0.3085	\$0.2209 \$0.2215	\$0.4364 \$0.4370	\$0.7464 \$0.7470	\$0.8535 \$0.8541
4	\$1.1285 \$1.1291		\$1.0380 \$1.0386	\$0.3975 \$0.3981	\$0.6005 \$0.6011	\$0.3351 \$0.3357	\$0.3774 \$0.3780	\$0.5509 \$0.5515
5	\$1.3440 \$1.3446		\$0.9504 \$0.9510	\$0.4176 \$0.4182	\$0.5047 \$0.5053	\$0.3856 \$0.3862	\$0.3653 \$0.3659	\$0.4711 \$0.4717
6	\$1.5562 \$1.5568		\$1.0918 \$1.0924	\$0.7458 \$0.7464	\$0.8219 \$0.8225	\$0.6683 \$0.6689	\$0.3537 \$0.3543	\$0.2927 \$0.2933

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0012~~\$0.0009 Daily Reservation at 60% L.F., ~~\$0.0009~~\$0.0006 Commodity.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES
 RATE SCHEDULE FT-GS

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.3082 \$0.3088		\$0.6471 \$0.6477	\$0.8722 \$0.8728	\$0.8913 \$0.8919	\$1.2227 \$1.2233	\$1.2691 \$1.2697	\$1.5755 \$1.5761
	L		\$0.2722 \$0.2728						
	1	\$0.4626 \$0.4632		\$0.4475 \$0.4481	\$0.5988 \$0.5994	\$0.8449 \$0.8455	\$1.0418 \$1.0424	\$1.1503 \$1.1509	\$1.3937 \$1.3943
	2	\$0.8712 \$0.8718		\$0.5895 \$0.5901	\$0.3041 \$0.3047	\$0.2861 \$0.2867	\$0.4355 \$0.4361	\$0.6152 \$0.6158	\$0.7721 \$0.7727
	3	\$0.8901 \$0.8907		\$0.4770 \$0.4776	\$0.3079 \$0.3085	\$0.2209 \$0.2215	\$0.4364 \$0.4370	\$0.7464 \$0.7470	\$0.8535 \$0.8541
	4	\$1.1285 \$1.1291		\$1.0380 \$1.0386	\$0.3975 \$0.3981	\$0.6005 \$0.6011	\$0.3351 \$0.3357	\$0.3774 \$0.3780	\$0.5509 \$0.5515
	5	\$1.3440 \$1.3446		\$0.9504 \$0.9510	\$0.4176 \$0.4182	\$0.5047 \$0.5053	\$0.3856 \$0.3862	\$0.3653 \$0.3659	\$0.4711 \$0.4717
	6	\$1.5562 \$1.5568		\$1.0918 \$1.0924	\$0.7458 \$0.7464	\$0.8219 \$0.8225	\$0.6683 \$0.6689	\$0.3537 \$0.3543	\$0.2927 \$0.2933

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0012~~\$0.0009 Daily Reservation at 60% L.F, ~~\$0.0009~~\$0.0006 Commodity.

RATE SCHEDULE FT-IL
 FIRM TRANSPORTATION INCREMENTAL LATERAL SERVICE

=====

	----- Base Tariff Rate -----	Total Rate	
Tewksbury-Andover Lateral			
Reservation Charge:			
Maximum	\$6.2443	\$6.2659 <u>\$6.2611</u>	1/, 3/
Minimum	\$0.0000	\$0.0000	
Commodity Charge:			
Maximum	\$0.0000	\$0.0009 <u>\$0.0006</u>	2/, 3/
Minimum	\$0.0000	\$0.0000	2/
Authorized Overrun Charge:			
Maximum	\$0.2053	\$0.2069 <u>\$0.2065</u>	1/, 2/, 3/
Minimum	\$0.0000	\$0.0000	2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0216~~\$0.0168 Reservation, ~~\$0.0009~~\$0.0006 Commodity.

RATES PER DEKATHERM

INTERRUPTIBLE TRANSPORTATION RATES (IT)

Base Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1854		\$0.3919	\$0.5292	\$0.5424	\$0.8394	\$0.8624	\$1.0656
L		\$0.1630						
1	\$0.2783		\$0.2707	\$0.3641	\$0.5129	\$0.7150	\$0.7818	\$0.9409
2	\$0.5283		\$0.3562	\$0.1821	\$0.1718	\$0.2897	\$0.4154	\$0.5146
3	\$0.5413		\$0.2919	\$0.1849	\$0.1317	\$0.3002	\$0.5013	\$0.5705
4	\$0.6859		\$0.6299	\$0.2409	\$0.3635	\$0.2183	\$0.2512	\$0.3712
5	\$0.8164		\$0.5793	\$0.2535	\$0.3065	\$0.2561	\$0.2435	\$0.3133
6	\$0.9462		\$0.6658	\$0.4521	\$0.4986	\$0.4393	\$0.2326	\$0.1877

Minimum Rates 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum Rates 1/, 2/, 3/, 4/, 5/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1866 \$0.1870		\$0.3931 \$0.3935	\$0.5304 \$0.5308	\$0.5436 \$0.5440	\$0.8406 \$0.8410	\$0.8636 \$0.8640	\$1.0668 \$1.0672
L		\$0.1642 \$0.1646						
1	\$0.2795 \$0.2799		\$0.2719 \$0.2723	\$0.3653 \$0.3657	\$0.5141 \$0.5145	\$0.7162 \$0.7166	\$0.7830 \$0.7834	\$0.9421 \$0.9425
2	\$0.5295 \$0.5299		\$0.3574 \$0.3578	\$0.1833 \$0.1837	\$0.1730 \$0.1734	\$0.2909 \$0.2913	\$0.4166 \$0.4170	\$0.5158 \$0.5162
3	\$0.5425 \$0.5429		\$0.2931 \$0.2935	\$0.1861 \$0.1865	\$0.1329 \$0.1333	\$0.3014 \$0.3018	\$0.5025 \$0.5029	\$0.5717 \$0.5721
4	\$0.6871 \$0.6875		\$0.6311 \$0.6315	\$0.2421 \$0.2425	\$0.3647 \$0.3651	\$0.2195 \$0.2199	\$0.2524 \$0.2528	\$0.3724 \$0.3728
5	\$0.8176 \$0.8180		\$0.5805 \$0.5809	\$0.2547 \$0.2551	\$0.3077 \$0.3081	\$0.2573 \$0.2577	\$0.2447 \$0.2451	\$0.3145 \$0.3149
6	\$0.9474 \$0.9478		\$0.6670 \$0.6674	\$0.4533 \$0.4537	\$0.4998 \$0.5002	\$0.4405 \$0.4409	\$0.2338 \$0.2342	\$0.1889 \$0.1893

Notes:

- 1/ The IT rate for each zone will be the respective 100% load factor equivalent of the maximum FT-A demand and commodity rates.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 3/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 4/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.

- 5/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0007~~\$0.0006 Daily Reservation, ~~\$0.0009~~\$0.0006 Commodity.

INTERRUPTIBLE TRANSPORTATION RATES (IT)
 INCREMENTAL LATERAL CHARGES

=====

	Base Tariff Rate	Total Rate
--	---------------------	---------------

Tewksbury-Andover Lateral
 Commodity Charge:

Maximum	\$0.2053	\$0.2069 \$0.2065 1/, 2/, 3/
Minimum	\$0.0000	\$0.0000 2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0007~~\$0.0006 Daily Reservation, ~~\$0.0009~~\$0.0006 Commodity.

RATE SCHEDULE PTR 1/
 =====

RATES PER DEKATHERM

Rate Schedule and Rate -----	Base Tariff Rate -----	Max Rate 2/, 3/, 4/ -----
Commodity Rate	\$0.1630	\$0.1646 <u>\$0.1642</u>

Notes:

- 1/ The PTR rate is the 100% load factor equivalent of the maximum FT-A demand and commodity rate for zone L to L.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of ~~\$0.0007~~ \$0.0006 Daily Reservation, ~~\$0.0009~~ \$0.0006 Commodity.

Pipeline Safety and Greenhouse Gas Cost Adjustment Mechanism

Exhibits 1-4

Tennessee Gas Pipeline Company, L.L.C.
Pipeline Safety and Greenhouse Gas Cost Tracker
Derivation of PS/GHG Surcharges

Line No.	Description	PS/GHG Surcharge Account Balance	Cost of Service for Annual Period	Total	PS/GHG Surcharges			
					Reservation	Commodity		
	(1)	(1)	(2)	(3)	(4)	(5)		
1	Cost of Service		[1] [2]	(\$653,425)	\$5,000,000	\$4,346,575	\$2,173,287	\$2,173,287
2	Estimated Billing Determinants for Annual Period						129,565,342	3,450,071,585
	<u>Transportation Surcharges</u>							
3	Rate Schedules FT-A, FT-G, FT-IL		[3]				\$0.0168	\$0.0006
4	Rate Schedules FT-BH		[4]				\$0.0084	\$0.0007
5	Rate Schedules FT-GS		[5]					\$0.0015
6	Rate Schedules IT and PTR		[6]					\$0.0012

Notes:

- [1] Refer to Exhibit 2 for additional detail on the PS/GHG surcharge account activity and balances. Refer to Exhibit 3 for additional detail on the derivation of the cost of service for the Annual Period.
- [2] Pursuant to Article XXXVIII, Section 4 of the General Terms and Conditions of Tennessee's Tariff, 1/2 of the cost of service for the Annual Period plus the applicable balance in the PS/GHG surcharge subaccount(s) as of the end of the immediately preceding Annual Period shall be collected via a demand surcharge and the remainder via a commodity surcharge.
- [3] Line 1 / Line 2.
- [4] The FT-BH reservation rate surcharge equals the FT-A reservation rate surcharge x 50%.
The FT-BH commodity rate surcharge equals the FT-A reservation rate surcharge x 12 / 365 x 25% plus the FT-A commodity rate surcharge.
- [5] The FT-GS surcharge equals the FT-A reservation surcharge x 12 / 365 divided by 60% plus the FT-A commodity surcharge, i.e. surcharge designed on 60% load factor basis of Rate Schedule FT-A surcharges.
- [6] The IT and PTR surcharge equals the FT-A reservation surcharge x 12 / 365 plus the FT-A commodity surcharge, i.e. surcharge designed on 100% load factor basis of Rate Schedule FT-A surcharges.

Tennessee Gas Pipeline Company, L.L.C.
 Pipeline Safety and Greenhouse Gas Cost Tracker
 Deferred Surcharge Account Activity and Balances
 For Period November 01, 2017 to October 31, 2018

Line No.	Description	Beginning Period Balance [1]	Prior Period Adjustments	Adj. Beginning Period Balance	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	End of Period Balance
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
Surcharge Collections																	
1	Reservation Surcharge	\$8,477,386	\$771	\$8,478,157	\$208,201	\$212,324	\$213,641	\$212,124	\$215,033	\$215,923	\$216,873	\$217,579	\$220,608	\$225,419	\$229,140	\$238,372	\$11,103,396
2	Commodity Surcharge	<u>8,471,946</u>	<u>(98)</u>	<u>8,471,848</u>	<u>230,305</u>	<u>262,080</u>	<u>280,763</u>	<u>223,715</u>	<u>244,836</u>	<u>248,464</u>	<u>\$252,329</u>	<u>\$238,491</u>	<u>249,297</u>	<u>247,576</u>	<u>224,276</u>	<u>251,644</u>	<u>11,425,624</u>
3	Total Surcharge Collections	16,949,332	673	16,950,005	\$438,506	\$474,404	\$494,404	\$435,839	\$459,870	\$464,387	\$469,202	\$456,070	\$469,905	\$472,995	\$453,416	\$490,016	\$22,529,019
Surcharge Expenses																	
Plant Additions [2]																	
4	Mainline Actuated Valves	\$6,364,270	\$1,125,862	\$7,490,132	\$3,412	\$1,124,076	\$73,110	\$76,274	(\$988)	\$1,208	\$2,979	\$861	\$33	\$0	\$0	\$0	\$8,771,096
5	Branch Connections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Wrinkle Bends	<u>1,000,469</u>	<u>1,892</u>	<u>1,002,361</u>	<u>0</u>	<u>1,009,579</u>	<u>54,540</u>	<u>90,925</u>	<u>500</u>	<u>9,019</u>	<u>10,546</u>	<u>5,520</u>	<u>466</u>	<u>4,502,630</u>	<u>887,540</u>	<u>244,901</u>	<u>7,818,527</u>
7	Total Plant Additions	\$7,364,738	\$1,127,755	\$8,492,493	\$3,412	\$2,133,656	\$127,650	\$167,199	(\$489)	\$10,228	\$13,524	\$6,381	\$499	\$4,502,630	\$887,540	\$244,901	\$16,589,623
Operations & Maintenance Expense [2]																	
8	Mainline Actuated Valves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Branch Connections	138,557	0	138,557	0	0	0	0	0	0	0	0	0	0	0	0	138,557
10	Wrinkle Bends	<u>14,696,271</u>	<u>(489,851)</u>	<u>14,206,420</u>	<u>366,070</u>	<u>789,048</u>	<u>169,250</u>	<u>41,072</u>	<u>58,612</u>	<u>75,413</u>	<u>58,111</u>	<u>1,256,119</u>	<u>806,463</u>	<u>455,848</u>	<u>112,190</u>	<u>492,942</u>	<u>18,887,557</u>
11	Total Operations & Maintenance Expense	\$14,834,828	(\$489,851)	\$14,344,977	\$366,070	\$789,048	\$169,250	\$41,072	\$58,612	\$75,413	\$58,111	\$1,256,119	\$806,463	\$455,848	\$112,190	\$492,942	\$19,026,114
Rate Base																	
12	Gross Plant in Service	\$7,364,738	\$1,127,755	\$8,492,493	\$8,495,905	\$10,629,560	\$10,757,210	\$10,924,409	\$10,923,921	\$10,934,148	\$10,947,673	\$10,954,053	\$10,954,553	\$15,457,182	\$16,344,723	\$16,599,623	\$16,589,623
13	Accumulated DD&A	<u>(366,328)</u>	<u>(4)</u>	<u>(366,332)</u>	<u>(380,840)</u>	<u>(395,354)</u>	<u>(413,513)</u>	<u>(431,889)</u>	<u>(450,552)</u>	<u>(469,214)</u>	<u>(487,893)</u>	<u>(506,595)</u>	<u>(525,308)</u>	<u>(544,022)</u>	<u>(570,428)</u>	<u>(598,351)</u>	<u>(598,351)</u>
14	Net Plant	\$6,998,410	\$1,127,751	\$8,125,161	\$8,115,065	\$10,234,206	\$10,343,698	\$10,492,520	\$10,473,369	\$10,464,935	\$10,459,780	\$10,449,458	\$10,429,244	\$14,913,160	\$15,774,294	\$15,991,273	\$15,991,273
15	Less: Accumulated DIT	<u>(844,316)</u>	<u>(9,624)</u>	<u>(853,940)</u>	<u>(848,413)</u>	<u>(870,150)</u>	<u>(721,435)</u>	<u>(718,917)</u>	<u>(714,219)</u>	<u>(709,656)</u>	<u>(705,130)</u>	<u>(700,509)</u>	<u>(695,811)</u>	<u>(747,704)</u>	<u>(752,222)</u>	<u>(748,281)</u>	<u>(748,281)</u>
16	Rate Base	\$6,154,094	\$1,118,127	\$7,272,221	\$7,266,652	\$9,364,056	\$9,622,262	\$9,773,603	\$9,759,149	\$9,755,278	\$9,754,649	\$9,746,949	\$9,733,434	\$14,165,456	\$15,022,072	\$15,242,992	\$15,242,992
Cost of Service																	
17	Pretax Return	\$2,053,444	\$12,861	\$2,066,305	\$80,236	\$103,395	\$106,246	\$107,917	\$107,757	\$107,715	\$107,708	\$107,623	\$107,473	\$156,410	\$165,869	\$168,308	\$3,492,961
18	Depreciation Expense	366,328	4	366,332	14,508	14,514	18,159	18,377	18,663	18,662	18,702	18,713	18,714	26,406	27,922	27,922	\$598,351
19	Operation & Maintenance Expense	<u>14,834,828</u>	<u>(489,851)</u>	<u>14,344,977</u>	<u>366,070</u>	<u>789,048</u>	<u>169,250</u>	<u>41,072</u>	<u>58,612</u>	<u>75,413</u>	<u>58,111</u>	<u>1,256,119</u>	<u>806,463</u>	<u>455,848</u>	<u>112,190</u>	<u>492,942</u>	<u>\$19,026,114</u>
20	Total	\$17,254,600	(\$476,986)	\$16,777,614	\$460,814	\$906,956	\$293,655	\$167,365	\$185,032	\$201,789	\$184,498	\$1,382,444	\$932,649	\$630,972	\$304,465	\$689,172	\$23,117,426
21	Cumulative Cost of Service	\$460,814	\$1,367,770	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425
Cost of Service with Cap [4]																	
22	Pretax Return	\$2,030,984	\$35,321	\$2,066,305	\$80,236	\$103,395	\$106,246	\$107,917	\$107,757	\$107,715	\$107,708	\$107,623	\$107,473	\$70,598	\$0	\$0	\$3,072,972
23	Depreciation Expense	362,170	\$4,162	\$366,332	\$14,508	\$14,514	\$18,159	\$18,377	\$18,663	\$18,662	\$18,679	\$18,702	\$18,713	\$8,447	\$0	\$0	\$533,755
24	Operation & Maintenance Expense	<u>14,387,978</u>	<u>(\$43,001)</u>	<u>14,344,977</u>	<u>\$366,070</u>	<u>\$789,048</u>	<u>\$169,250</u>	<u>\$41,072</u>	<u>\$58,612</u>	<u>\$75,413</u>	<u>\$58,111</u>	<u>\$1,256,119</u>	<u>\$806,463</u>	<u>\$205,753</u>	<u>\$0</u>	<u>\$0</u>	<u>\$18,170,887</u>
25	Total Cost of Service	\$16,781,131	(\$3,517)	\$16,777,614	\$460,814	\$906,956	\$293,655	\$167,365	\$185,032	\$201,789	\$184,498	\$1,382,444	\$932,649	\$284,798	\$0	\$0	\$21,777,614
26	Cumulative Cost of Service	\$460,814	\$1,367,770	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425	\$1,661,425
Deferred Pipeline Safety & Greenhouse Gas Account																	
27	Principal	\$168,201	\$4,190	\$172,391	(\$22,308)	(\$432,552)	\$200,749	\$268,474	\$274,837	\$262,598	\$284,704	(\$926,374)	(\$462,744)	\$188,197	\$453,416	\$490,016	\$751,405
28	Carrying Charges	<u>(81,432)</u>	<u>89</u>	<u>(81,343)</u>	<u>(1,173)</u>	<u>(1,326)</u>	<u>(3,030)</u>	<u>(2,147)</u>	<u>(1,220)</u>	<u>(321)</u>	<u>648</u>	<u>1,652</u>	<u>(1,846)</u>	<u>(3,744)</u>	<u>(2,925)</u>	<u>(1,204)</u>	<u>(97,980)</u>
29	Total	\$86,768	\$4,279	\$91,048	(\$23,481)	(\$433,878)	\$197,720	\$266,327	\$273,617	\$262,277	\$285,352	(\$924,722)	(\$464,590)	\$184,453	\$450,491	\$488,812	\$653,425
Cumulative Balance																	
30	Principal	\$150,083	(\$282,469)	(\$81,720)	\$150,083	(\$282,469)	(\$81,720)	\$150,083	(\$282,469)	(\$81,720)	\$150,083	(\$282,469)	(\$81,720)	\$150,083	(\$282,469)	(\$81,720)	\$150,083
31	Carrying Charges	<u>(82,516)</u>	<u>(83,842)</u>	<u>(86,872)</u>	<u>(82,516)</u>	<u>(83,842)</u>	<u>(86,872)</u>	<u>(89,019)</u>	<u>(90,240)</u>	<u>(90,560)</u>	<u>(89,912)</u>	<u>(88,259)</u>	<u>(90,106)</u>	<u>(93,850)</u>	<u>(96,775)</u>	<u>(97,980)</u>	<u>(97,980)</u>
32	Total	\$67,567	(\$366,311)	(\$168,592)	\$67,567	(\$366,311)	(\$168,592)	\$67,567	(\$366,311)	(\$168,592)	\$67,567	(\$366,311)	(\$168,592)	\$67,567	(\$366,311)	(\$168,592)	\$67,567

[1] Refer to Exhibit 2, Page 1 of 1, Column 17 of September 29, 2017 Pipeline Safety and Greenhouse Gas Cost Adjustment filing in Docket No. RP17-1118-000.
 [2] Reflects plant investments and operating expenses for Section 2.f.ii Costs (as defined in Article XXXVIII, Section 2.f.ii of the GT&C of Tennessee's Tariff) related to pipeline safety initiatives for actuated valves, branch connections, and wrinkle bends.
 [3] Reflects a 13.25% pre-tax rate of return pursuant to Article XXXVIII, Section 2.b of the GT&C of Tennessee's Tariff.
 [4] The cost of service for Section 2.f.ii Costs for each Annual Period is capped at \$5mm. See Article XXXVIII, Section 5.b of the GT&C of Tennessee's Tariff.
 [5] Refer to Exhibit 4 for the derivation of carrying charges.

Tennessee Gas Pipeline Company, L.L.C.
 Pipeline Safety and Greenhouse Gas Cost Tracker
 Cost of Service Effect
 For Period November 01, 2018 to October 31, 2019

Line No.	Description	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Plant Additions														
1	Mainline Actuated Valves	\$0	\$0	\$0	\$2,059,819	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2,059,819
2	Branch Connections	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Wrinkle Bends	58,802	4,985,049	6,030	0	0	0	0	0	0	0	0	0	5,049,882
4	Total Plant Additions	58,802	4,985,049	6,030	2,059,819	0	0	0	0	0	0	0	0	7,109,701
Operations & Maintenance Expense														
5	Mainline Actuated Valves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
6	Branch Connections	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Wrinkle Bends	477,938	1,094,102	0	0	40,209	351,044	296,843	482,128	282,851	50,000	166,426	332,128	3,573,669
8	Total Operations & Maintenance Expense	477,938	1,094,102	0	0	40,209	351,044	296,843	482,128	282,851	50,000	166,426	332,128	3,573,669
Rate Base														
9	Gross Plant in Service	\$16,648,426	\$21,633,475	\$21,639,505	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325	\$23,699,325
10	Accumulated DD&A	(\$626,691)	(\$655,132)	(\$692,089)	(\$729,057)	(\$769,543)	(\$810,030)	(\$850,516)	(\$891,002)	(\$931,489)	(\$971,975)	(\$1,012,461)	(\$1,052,948)	
11	Net Plant	\$16,021,735	\$20,978,342	\$20,947,416	\$22,970,268	\$22,929,781	\$22,889,295	\$22,848,809	\$22,808,322	\$22,767,836	\$22,727,350	\$22,686,863	\$22,646,377	
12	Less: Accumulated DIT	(741,895)	(797,407)	(850,778)	(904,149)	(957,520)	(1,010,891)	(1,064,262)	(1,117,633)	(1,171,004)	(1,224,375)	(1,277,746)	(1,331,117)	
13	Rate Base	\$15,279,840	\$20,180,935	\$20,096,638	\$22,066,119	\$21,972,261	\$21,878,404	\$21,784,546	\$21,690,689	\$21,596,832	\$21,502,974	\$21,409,117	\$21,315,260	
Cost of Service														
14	Pretax Return	\$168,715	\$222,831	\$221,900	\$243,647	\$242,610	\$241,574	\$240,538	\$239,501	\$238,465	\$237,429	\$236,392	\$235,356	2,768,959
15	Depreciation Expense	28,341	28,441	36,957	36,967	40,486	40,486	40,486	40,486	40,486	40,486	40,486	40,486	454,597
16	Operation & Maintenance Expense	477,938	1,094,102	0	0	40,209	351,044	296,843	482,128	282,851	50,000	166,426	332,128	3,573,669
17	Total Cost of Service	\$674,994	\$1,345,374	\$258,858	\$280,614	\$323,306	\$633,104	\$577,867	\$762,116	\$561,802	\$327,915	\$443,305	\$607,970	\$6,797,225
18	Cumulative Cost of Service	\$674,994	\$2,020,368	\$2,279,225	\$2,559,840	\$2,883,145	\$3,516,250	\$4,094,117	\$4,856,232	\$5,418,035	\$5,745,950	\$6,189,254	\$6,797,225	
Cost of Service with Cap														
19	Pretax Return	\$168,715	\$222,831	\$221,900	\$243,647	\$242,610	\$241,574	\$240,538	\$239,501	\$61,024	\$0	\$0	\$0	1,882,341
20	Depreciation Expense	28,341	28,441	36,957	36,967	40,486	40,486	40,486	40,486	10,361	0	0	0	303,012
21	Operation & Maintenance Expense	477,938	1,094,102	0	0	40,209	351,044	296,843	482,128	72,383	0	0	0	2,814,647
22	Total Cost of Service	\$674,994	\$1,345,374	\$258,858	\$280,614	\$323,306	\$633,104	\$577,867	\$762,116	\$143,768	\$0	\$0	\$0	\$5,000,000
23	Cumulative Cost of Service	\$674,994	\$2,020,368	\$2,279,225	\$2,559,840	\$2,883,145	\$3,516,250	\$4,094,117	\$4,856,232	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	

Notes:

- [1] Reflects plant investments and operating expenses for Section 2.f.ii Costs (as defined in Article XXXVIII, Section 2.f.ii of the GT&C of Tennessee's Tariff) related to pipeline safety initiatives for actuated valves, branch connections, and wrinkle bends.
- [2] Reflects the previous month's balance plus depreciation expense for the current month.
- [3] Reflects a 13.25% pre-tax rate of return pursuant to Article XXXVIII, Section 2.b of the GT&C of Tennessee's Tariff.
- [4] Previous month's plant balance times applicable depreciation rate.
- [5] The cost of service for Section 2.f.ii Costs for each Annual Period is capped at \$5mm. See Article XXXVIII, Section 5.b of the GT&C of Tennessee's Tariff.

Tennessee Gas Pipeline Company, L.L.C.
 Pipeline Safety and Greenhouse Gas Cost Tracker
 Interest Calculation - Deferred PS/GHG Surcharge Account

Line No	Month	Days in Month	Prior Month Interest Base (Col. 8)	(1) Quarterly Interest	(2) Surcharge Collection	(3) Surcharge Expenses	Current Month Principal	Current Month Interest Base (Col. 3+4+7)	Interest Rate	(4) Monthly Interest Rate	Prior Month Interest (Col. 3+4) x Col. 10	(5) Current Month Interest	(6) Total Monthly Interest (Col. 11+12)	Cumm Monthly Interest
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Nov-17	30	(338,860)		429,280	460,814	(31,534)	(370,394)	4.210%	0.3460%	(1,173)	-	(1,173)	(82,516)
2	Dec-17	31	(370,394)	(545)	438,506	906,956	(468,451)	(839,389)	4.210%	0.3576%	(1,326)	-	(1,326)	(83,842)
3	Jan-18	31	(839,389)		474,404	293,655	180,750	(658,640)	4.250%	0.3610%	(3,030)	-	(3,030)	(86,872)
4	Feb-18	28	(658,640)		494,404	167,365	327,039	(331,601)	4.250%	0.3260%	(2,147)	-	(2,147)	(89,019)
5	Mar-18	31	(331,601)	(6,504)	435,839	185,032	250,807	(87,297)	4.250%	0.3610%	(1,220)	-	(1,220)	(90,240)
6	Apr-18	30	(87,297)		459,870	201,789	258,080	170,783	4.470%	0.3674%	(321)	-	(321)	(90,560)
7	May-18	31	170,783		464,387	184,498	279,890	450,673	4.470%	0.3796%	648	-	648	(89,912)
8	Jun-18	30	450,673	(893)	469,202	1,382,444	(913,243)	(463,462)	4.470%	0.3674%	1,652	-	1,652	(88,259)
9	Jul-18	31	(463,462)		456,070	932,649	(476,579)	(940,041)	4.690%	0.3983%	(1,846)	-	(1,846)	(90,106)
10	Aug-18	31	(940,041)		469,905	284,798	185,107	(754,934)	4.690%	0.3983%	(3,744)	-	(3,744)	(93,850)
11	Sep-18	30	(754,934)	(3,938)	472,995	-	472,995	(285,877)	4.690%	0.3855%	(2,925)	-	(2,925)	(96,775)
12	Oct-18	31	(285,877)		453,416	-	453,416	167,539	4.960%	0.4213%	(1,204)	-	(1,204)	(97,980)
					5,518,278	5,000,000	518,278				(16,637)	0	(16,637)	

Notes:

- (1) Quarterly interest based upon Col. 10.
- (2) Refer to Exhibit 2, Line 3. Surcharge collections are one month in arrears.
- (3) Refer to Exhibit 2, Line 25.
- (4) FERC prescribed interest rates pursuant to CFR 154.501. Rate factored by number of days in the month.
- (5) Interest calculated assuming costs incurred on last day of month.
- (6) Carrying charges as shown in Exhibit 2, Columns 5-16, Line 28.

Tennessee Gas Pipeline Company, L.L.C.
Pipeline Safety and Greenhouse Gas Cost Tracker
Interest Calculation - Deferred PS/GHG Surcharge Account - Prior Period Adjustments

Line No	Month	Days in Month	Prior Month Interest Base (Col. 8)	(1) Quarterly Interest	Surcharge Collection PPA	Surcharge Expenses PPA	PPA's Current Month Principal	Current Month Interest Base (Col. 3+4+7)	Interest Rate	(2) Monthly Interest Rate	Prior Month Interest (Col. 3+4) x Col. 10	(3) Current Month Interest	Total Monthly Interest (Col. 11+12)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Nov-16	30	-		-	-	-	-	3.500%	0.2877%	-	-	-
2	Dec-16	31	-	-	-	-	-	-	3.500%	0.2973%	-	-	-
3	Jan-17	31	-		-	56	(56)	(56)	3.500%	0.2973%	-	-	-
4	Feb-17	28	(56)		-	55	(55)	(111)	3.500%	0.2685%	(0)	-	(0)
5	Mar-17	31	(111)	(0)	-	55	(55)	(167)	3.500%	0.2973%	(0)	-	(0)
6	Apr-17	30	(167)		-	55	(55)	(221)	3.710%	0.3049%	(1)	-	(1)
7	May-17	31	(221)		-	55	(55)	(276)	3.710%	0.3151%	(1)	-	(1)
8	Jun-17	30	(276)	(2)	-	54	(54)	(332)	3.710%	0.3049%	(1)	-	(1)
9	Jul-17	31	(332)		-	54	(54)	(386)	3.960%	0.3363%	(1)	-	(1)
10	Aug-17	31	(386)		-	54	(54)	(440)	3.960%	0.3363%	(1)	-	(1)
11	Sep-17	30	(440)	(3)	-	(27,216)	27,216	26,773	3.960%	0.3255%	(1)	-	(1)
12	Oct-17	31	26,773		(8,176)	23,261	(31,437)	(4,664)	4.210%	0.3576%	96	-	96
					(8,176)	(3,517)	(4,659)				89	0	89

Notes:

(1) Quarterly interest based upon Col. 10.

(2) FERC prescribed interest rates pursuant to CFR 154.501. Rate factored by number of days in the month.

(3) Interest calculated assuming costs incurred on last day of month.