



Southern Natural Gas
Company, L.L.C.
a Kinder Morgan operated company

August 22, 2018

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

Re: Southern Natural Gas Company, L.L.C.
Update of Fuel Retention Rates
Docket No. RP18-

Dear Ms. Bose:

Southern Natural Gas Company, L.L.C. (“SNG”) submits for filing and acceptance by the Federal Energy Regulatory Commission (“Commission”) the enclosed tariff sections listed in Appendix A to become effective October 1, 2018, as part of its FERC Gas Tariff (“Tariff”). Section 35 of the General Terms and Conditions (“GT&C”) of SNG’s Tariff provides that SNG will make a filing at least thirty days before the effective date of October 1, 2018 to update its transportation fuel retention rates for the six month period October 1, 2018 through March 31, 2019 (i.e. winter season) under Rate Schedules FT, FT-NN, IT, and under Liquefiable Transportation Agreements to reflect changes in consumption and to flow through any over or under collections experienced during the prior winter season. Regarding storage fuel retention rates, no changes are proposed in this filing. Per Section 35 of the GT&C of SNG’s Tariff, storage fuel retention rates are updated annually in the filing made in February with a proposed effective date of April 1 (which also updates the summer period transportation fuel retention rates).

Nature, Basis and Reasons for Proposed Tariff Changes

In accordance with Section 35 of the GT&C, the updated transportation fuel retention rates are based upon the actual data for the six months ending March 31, 2018. As of March 31, 2018, SNG has experienced a cumulative under-recovery of 1,852,560 dth attributable to the winter season transportation services.

Transportation Under-Recovery Amount

Regarding transportation services, there was an over-recovery balance at March 31, 2017, of 2,061,356 dth applicable to the winter season. Over the following winter period (October 2017 through March 2018), SNG collected 3,913,916 dth less than it consumed. This resulted in an under-recovery balance of 1,852,560 dth as of March 31, 2018. Regarding the 1,852,560 dth under-recovery balance as of March 31, 2018, the major reason for this is as follows:

- Last winter’s fuel retention rates were based on the prior winter, which was the warmest winter in thirty years for the SNG system. This past winter had a very cold January and was the fifteenth coldest winter in the last thirty years for the SNG system. This much colder winter resulted in approximately a 10% increase in throughput vs. the prior winter. This higher throughput required SNG to use more of its compression, including use of less efficient compression in less efficient configurations.

Summary of Proposed Transportation Fuel Retention Rates

As reflected in detail on Schedule 1 of the attached Appendix B, a summary comparison of last winter’s transportation fuel retention rates, the currently effective summer transportation fuel retention rates, and the proposed winter transportation rates is as follows:

	<u>Last Winter’s Rates</u> (10/17 – 3/18)	<u>Current Summer Rates</u> (4/18 – 9/18)	<u>Proposed Winter Rates</u> (10/18 – 3/19)
Delivery to Zone 0 and			
Long haul Delivery to Zone 1	1.09%	0.97%	1.78%
Long-haul Delivery to Zone 2	1.62%	1.20%	2.72%
Long-haul Delivery to Zone 3	1.94%	1.38%	3.31%
1-1, 2-2, 3-3 Intrazone Delivery	0.37%	0.09%	0.57%
Backhaul	0.16%	0.16%	0.16%

The above proposed transportation fuel percentages are to be applied to all SNG customers as applicable (i.e. there are no fuel discounts). The proposed winter transportation fuel retention rates (for October 2018 – March 2019) are higher than last winter’s transportation fuel retention rates due mainly to the fact that last winter’s rates included in their calculation an over-recovery balance of 2,061,356 dth, while the proposed winter transportation rates include in their calculation an under-recovery balance of 1,852,560 dth.

The proposed winter transportation fuel retention rates are higher than the currently effective summer transportation fuel retention rates mainly due to the current summer transportation fuel retention rates include an over-recovery balance of 3,433,506 dth in their calculation while the proposed winter transportation fuel retention rates include an under-recovery balance of 1,852,560 dth in their calculation.

Summary of Support Schedules In Appendix B

Appendix B provides SNG’s work papers for the calculation of the proposed fuel retention rates. A brief overview of the schedules in Appendix B is as follows:

- Schedule 1: Summary of last winter and current summer transportation fuel retention rates vs. proposed winter transportation fuel retention rates.
- Schedule 2: Summary of the components of the proposed transportation long-haul fuel retention rates and how calculated.

Schedule 3:	Derivation of transportation fuel amount to be recovered.
Schedule 4:	Allocation of transportation fuel to the various zones.
Schedule 5:	Monthly detail of the transportation over/under-recovery amounts for the . last six-month winter season.
Schedule 6:	Components of transportation fuel usage by month.
Schedule 7:	Fuel used by compressor station by zone.
Schedule 8	Calculation of the electric compression component in the transportation long-haul fuel retention percentages.
Schedule 9:	Calculation of intrazone rates for Zones 1-1, 2-2 and 3-3 transportation.
Schedule 10:	Support for backhaul rate.
Schedules 11-13:	Derivation of adjusted zone deliveries.
Schedule 14:	Monthly detail of electric compression costs.
Schedule 15:	Monthly detail of LAUF (lost and unaccounted for volumes).
Schedule 16:	Monthly support of fuel retained for October 2017 – March 2018.

Procedural Matters

In accordance with the applicable provisions of Part 154.7 of the Commission's regulations, SNG submits an eTariff XML filing package, filed as a zip (compressed) file containing:

1. A transmittal letter; and
2. Appendix A, containing clean and marked versions of the tariff sections in PDF format; and
3. Appendix B, containing supporting workpapers.

SNG respectfully requests the Commission to accept the tendered tariff sections for filing and permit them to become effective October 1, 2018. Additionally, pursuant to Section 154.7(a)(7) of the Commission's regulations, SNG respectfully requests that the Commission grant all necessary waivers in order to effectuate this filing.

As required by Section 154.208 of the Commission's regulations, copies of this filing are being made available at SNG's offices in Birmingham, Alabama and electronically mailed or mailed to SNG's customers and interested commissions.

The names, titles, and mailing addresses of the persons to whom communications concerning this filing are to be addressed and to whom service is to be made are as follows:

T. Brooks Henderson
Director – Rates
Southern Natural Gas Company
Post Office Box 2563
Birmingham, Alabama 35202-2563
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Respectfully submitted,

SOUTHERN NATURAL GAS COMPANY

/s/ T. Brooks Henderson
T. Brooks Henderson
Director – Rates
Southern Natural Gas Company
Post Office Box 2563
Birmingham, Alabama 35202-2563
(205) 325-3843
brooks_henderson@kindermorgan.com

Enclosures

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon all SNG's customers and interested state commissions.

Dated at Birmingham, Alabama this 22nd day of August, 2018.

/s/ T. Brooks Henderson

T. Brooks Henderson
Director - Rates
Southern Natural Gas Company
Post Office Box 2563
Birmingham, Alabama 35202-2563
(205) 325-3843
brooks_henderson@kindermorgan.com

**SOUTHERN NATURAL GAS COMPANY
UPDATE OF FUEL RETENTION RATES**

APPENDIX A

PROPOSED TARIFF SECTIONS

Southern Natural Gas Company, L.L.C.
FERC Gas Tariff

Tariff Sections Proposed to be Effective October 1, 2018

Section	Description	Version
2.1	Statement of Rates – FT	22.0.0
2.1.1	Statement of Rates – FT Settlement	25.0.0
2.2	Statement of Rates – FT-NN	22.0.0
2.2.1	Statement of Rates – FT-NN Settlement	23.0.0
2.3	Statement of Rates – IT	22.0.0
2.3.1	Statement of Rates – IT Settlement	22.0.0
2.6	Statement of Rates – Liquids and Liquefiabiles	17.0.0
2.6.1	Statement of Rates – Liquids and Liquefiabiles Settlement	17.0.0

APPENDIX A

CLEAN VERSION OF TARIFF SECTIONS

CONTESTING PARTY RATES 3/
 FIRM TRANSPORTATION SERVICES (FT)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth)</u> <u>1/</u>				
Maximum/Maximum Including Surcharges:	\$5.71/5.71	\$6.45/6.45	\$9.65/9.65	\$12.77/12.77
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1877/.1877	\$.2121/.2121	\$.3173/.3173	\$.4198/.4198
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	4.10¢/4.10¢	4.50¢/4.50¢	5.80¢/5.80¢	6.60¢/6.60¢
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	4.30¢/4.30¢	5.10¢/5.10¢
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	4.70¢/4.70¢
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	4.10¢/4.10¢	N/A	N/A	N/A
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	N/A	N/A
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	N/A
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Small Shipper Charge</u> <u>4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢

Minimum:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Small Shipper Backhaul Charge 4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢
Minimum Backhaul:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Fuel Retention (Winter Period: October - March)</u>				
Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

SETTLEMENT RATES 3/
 FIRM TRANSPORTATION SERVICES (FT)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:	\$5.03/5.03	\$5.68/5.68	\$8.50/8.50	\$11.26/11.26
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1654/.1654	\$.1867/.1867	\$.2795/.2795	\$.3702/.3702
<u>2016 Expansion Reservation Charge (Dth) 1/ 5/</u>				
Maximum/Maximum Including Surcharges:				\$13.03/13.03
Minimum:				\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/				\$.4284/.4284
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	3.80¢/3.80¢	4.20¢/4.20¢	5.30¢/5.30¢	6.00¢/6.00¢
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	4.00¢/4.00¢	4.70¢/4.70¢
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	4.40¢/4.40¢
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	3.80¢/3.80¢	N/A	N/A	N/A
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	N/A	N/A
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	N/A
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢

Minimum:

Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

Small Shipper
 Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
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Minimum:	0.500¢	0.700¢	2.10¢	2.90¢
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Small Shipper
 Backhaul Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
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Minimum Backhaul:	0.500¢	0.700¢	2.10¢	2.90¢
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Fuel Retention (Winter Period: October – March)

Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
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Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
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Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%
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1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

5/ Applicable to services provided pursuant to the expansion authorized under Docket No. CP14-493-000, et. al.

CONTESTING PARTY RATES 3/
 FIRM TRANSPORTATION SERVICES - NO NOTICE(FT-NN)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth)</u> 1/				
Maximum/Maximum Including Surcharges:	\$5.71/5.71	\$6.45/6.45	\$9.65/9.65	\$12.77/12.77
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1877/.1877	\$.2121/.2121	\$.3173/.3173	\$.4198/.4198
	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>RECEIPT ZONE</u>				
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	4.10¢/4.10¢	4.50¢/4.50¢	5.80¢/5.80¢	6.60¢/6.60¢
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	4.30¢/4.30¢	5.10¢/5.10¢
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	4.70¢/4.70¢
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	4.10¢/4.10¢	N/A	N/A	N/A
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	N/A	N/A
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	N/A
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Small Shipper Charge</u> 4/				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢

Minimum:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Small Shipper Backhaul Charge 4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢
Minimum Backhaul:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Fuel Retention (Winter Period: October – March)</u>				
Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions

SETTLEMENT RATES 3/
 FIRM TRANSPORTATION SERVICES - NO NOTICE(FT-NN)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:	\$5.03/5.03	\$5.68/5.68	\$8.50/8.50	\$11.26/11.26
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1654/.1654	\$.1867/.1867	\$.2795/.2795	\$.3702/.3702

	<u>RECEIPT ZONE</u> Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	3.80¢/3.80¢	4.20¢/4.20¢	5.30¢/5.30¢	6.00¢/6.00¢
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	4.00¢/4.00¢	4.70¢/4.70¢
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	4.40¢/4.40¢
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

	<u>Backhaul Transportation Charge (Dth) 1/</u>	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
Max/Max With Surcharges:				
Production Area	3.80¢/3.80¢	N/A	N/A	N/A
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	N/A	N/A
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	N/A
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

Small Shipper
 Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
Minimum:	0.500¢	0.700¢	2.10¢	2.90¢

Small Shipper
 Backhaul Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
Minimum Backhaul:	0.500¢	0.700¢	2.10¢	2.90¢

Fuel Retention (Winter Period: October – March)

Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

Contesting Party Rates 3/
 Interruptible Transportation Service

<u>RECEIPT ZONE</u>	Production Area	Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/</u> Maximum/Maximum Including Surcharges:				
Production Area	22.90¢/22.90¢	25.70¢/25.70¢	37.60¢/37.60¢	48.60¢/48.60¢
Zone 1	22.90¢/22.90¢	11.20¢/11.20¢	23.10¢/23.10¢	34.20¢/34.20¢
Zone 2	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	31.60¢/31.60¢
Zone 3	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	19.30¢/19.30¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/</u> Max/Max With Surcharges:				
Production Area	22.90¢/22.90¢	N/A	N/A	N/A
Zone 1	22.90¢/22.90¢	11.20¢/11.20¢	N/A	N/A
Zone 2	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	N/A
Zone 3	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	19.30¢/19.30¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Fuel Retention (Winter Period: October – March)</u>				
Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ The surcharges applicable to service under Rate Schedule IT and Supply Pool Balancing Agreement include:

Storage Cost Reconciliation Mechanism \$0.0000 applicable to each Dth transported.
 Volumetric Surcharge:

2/ The surcharges applicable to service under Rate Schedule IT include:

ACA Surcharge: See Section 28 of the General Terms and Conditions.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

SETTLEMENT RATES 3/
 Interruptible Transportation Service

RECEIPT ZONE	Production Area	DELIVERY ZONE		
		Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/</u> Maximum/Maximum Including Surcharges:				
Production Area	21.10¢/21.10¢	23.70¢/23.70¢	34.70¢/34.70¢	44.70¢/44.70¢
Zone 1	21.10¢/21.10¢	10.30¢/10.30¢	21.30¢/21.30¢	31.50¢/31.50¢
Zone 2	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	29.10¢/29.10¢
Zone 3	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	17.70¢/17.70¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Backhaul Transportation Charge (Dth) 1/</u> Max/Max With Surcharges:				
Production Area	21.10¢/21.10¢	N/A	N/A	N/A
Zone 1	21.10¢/21.10¢	10.30¢/10.30¢	N/A	N/A
Zone 2	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	N/A
Zone 3	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	17.70¢/17.70¢
Minimum:				
Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Fuel Retention (Winter Period: October – March)</u>				
Forward Haul Fuel, Used & Unaccounted For	1.78%	1.78%	2.72%	3.31%
Intrazone Fuel, Used & Unaccounted For	1.78%	0.57%	0.57%	0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ The surcharges applicable to service under Rate Schedule IT and Supply Pool Balancing Agreement include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported.

2/ Surcharges applicable to service under Rate Schedule IT.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

- 3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

TRANSPORTATION RATES FOR
LIQUIDS AND LIQUEFIABLES 3/

Liquefiabiles 1/

For production from wells connected on or before December 31,1981:

- 4.5¢ per Dth per 100 miles prorated to the actual mileage 2/

For production from wells connected on or after January 1, 1982:

- 10.25¢ per Dth per 100 miles of offshore transportation prorated to the actual mileage offshore, plus
- 3.1¢ per Dth per 100 miles of onshore transportation prorated to the actual mileage onshore

Liquids

For production from wells connected on or before December 31, 1981:

- 55.0¢ per barrel
- 11.0¢ per barrel for service of 20 miles or less from receipt point to removal point

For production from wells connected on or after January 1, 1982:

- \$1.025 per barrel if any part of the service is offshore
- 31.0¢ per barrel if the service is onshore
- 20% of the applicable offshore or onshore rate for service of 20 miles or less from receipt point to removal point

Fuel Retention:

Forward Haul & Intrazone Fuel, Used & Unaccounted For	1.78%
Backhaul Fuel, Used & Unaccounted For	.16%

1/ Surcharges applicable to Transportation Rates for Liquids and Liquefiabiles.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ Based on a Btu content of 1,000 Btu per cubic foot.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP09-427 for all Contesting Parties as defined in the Settlement.

SETTLEMENT RATES 3/
TRANSPORTATION RATES FOR LIQUIDS AND LIQUEFIABLES

Liquefiabiles 1/

For production from wells connected on or before December 31,1981:

- 4.5¢ per Dth per 100 miles prorated to the actual mileage 2/

For production from wells connected on or after January 1, 1982:

- 10.25¢ per Dth per 100 miles of offshore transportation prorated to the actual mileage offshore, plus
- 3.1¢ per Dth per 100 miles of onshore transportation prorated to the actual mileage onshore

Liquids

For production from wells connected on or before December 31, 1981:

- 55.0¢ per barrel
- 11.0¢ per barrel for service of 20 miles or less from receipt point to removal point

For production from wells connected on or after January 1, 1982:

- \$1.025 per barrel if any part of the service is offshore
- 31.0¢ per barrel if the service is onshore
- 20% of the applicable offshore or onshore rate for service of 20 miles or less from receipt point to removal point

Fuel Retention:

Forward Haul & Intrazone Fuel, Used & Unaccounted For	1.78%
Backhaul Fuel, Used & Unaccounted For	.16%

1/ Surcharges applicable to Transportation Rates for Liquids and Liquefiabiles.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ Based on a Btu content of 1,000 Btu per cubic foot.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP09-427 applicable to all Supporting and Non-Opposing Parties as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP09-427 Settlement.

APPENDIX A

MARKED VERSION OF TARIFF SECTIONS

CONTESTING PARTY RATES 3/
 FIRM TRANSPORTATION SERVICES (FT)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth)</u> <u>1/</u>				
Maximum/Maximum Including Surcharges:	\$5.71/5.71	\$6.45/6.45	\$9.65/9.65	\$12.77/12.77
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1877/.1877	\$.2121/.2121	\$.3173/.3173	\$.4198/.4198
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	4.10¢/4.10¢	4.50¢/4.50¢	5.80¢/5.80¢	6.60¢/6.60¢
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	4.30¢/4.30¢	5.10¢/5.10¢
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	4.70¢/4.70¢
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	4.10¢/4.10¢	N/A	N/A	N/A
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	N/A	N/A
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	N/A
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Small Shipper Charge</u> <u>4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢

Minimum:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Small Shipper Backhaul Charge 4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢
Minimum Backhaul:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Fuel Retention (SummerWinter Period: AprilOctober - SeptemberMarch)</u>				
Forward Haul Fuel, Used & Unaccounted For	0.971.78%	0.971.78%	1.202.72%	1.383.31%
Intrazone Fuel, Used & Unaccounted For	0.971.78%	0.090.57%	0.090.57%	0.090.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

SETTLEMENT RATES 3/
 FIRM TRANSPORTATION SERVICES (FT)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:	\$5.03/5.03	\$5.68/5.68	\$8.50/8.50	\$11.26/11.26
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1654/.1654	\$.1867/.1867	\$.2795/.2795	\$.3702/.3702
<u>2016 Expansion Reservation Charge (Dth) 1/ 5/</u>				
Maximum/Maximum Including Surcharges:				\$13.03/13.03
Minimum:				\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/				\$.4284/.4284
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	3.80¢/3.80¢	4.20¢/4.20¢	5.30¢/5.30¢	6.00¢/6.00¢
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	4.00¢/4.00¢	4.70¢/4.70¢
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	4.40¢/4.40¢
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	3.80¢/3.80¢	N/A	N/A	N/A
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	N/A	N/A
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	N/A
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢

Minimum:

Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

Small Shipper
 Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
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Minimum:	0.500¢	0.700¢	2.10¢	2.90¢
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Small Shipper
 Backhaul Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
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Minimum Backhaul:	0.500¢	0.700¢	2.10¢	2.90¢
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Fuel Retention (~~Summer~~Winter Period: ~~April~~October – ~~September~~March)

Forward Haul Fuel, Used & Unaccounted For	0.971.78%	0.971.78%	1.202.72%	1.383.31%
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Intrazone Fuel, Used & Unaccounted For	0.971.78%	0.090.57%	0.090.57%	0.090.57%
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Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%
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1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

5/ Applicable to services provided pursuant to the expansion authorized under Docket No. CP14-493-000, et. al.

CONTESTING PARTY RATES 3/
 FIRM TRANSPORTATION SERVICES - NO NOTICE(FT-NN)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth)</u> 1/				
Maximum/Maximum Including Surcharges:	\$5.71/5.71	\$6.45/6.45	\$9.65/9.65	\$12.77/12.77
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1877/.1877	\$.2121/.2121	\$.3173/.3173	\$.4198/.4198
	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>RECEIPT ZONE</u>				
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	4.10¢/4.10¢	4.50¢/4.50¢	5.80¢/5.80¢	6.60¢/6.60¢
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	4.30¢/4.30¢	5.10¢/5.10¢
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	4.70¢/4.70¢
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/</u>				
Max/Max With Surcharges:				
Production Area	4.10¢/4.10¢	N/A	N/A	N/A
Zone 1	4.10¢/4.10¢	2.90¢/2.90¢	N/A	N/A
Zone 2	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	N/A
Zone 3	4.10¢/4.10¢	2.90¢/2.90¢	3.90¢/3.90¢	3.40¢/3.40¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Small Shipper Charge</u> 4/				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢

Minimum:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Small Shipper Backhaul Charge 4/</u>				
Maximum/Maximum Including Surcharges:	47.90¢/47.90¢	54.40¢/54.40¢	72.10¢/72.10¢	95.80¢/95.80¢
Minimum Backhaul:	4.1¢	4.5¢	5.8¢	6.6¢
<u>Fuel Retention (SummerWinter Period: AprilOctober – SeptemberMarch)</u>				
Forward Haul Fuel, Used & Unaccounted For	0.971.78%	0.971.78%	1.202.72%	1.383.31%
Intrazone Fuel, Used & Unaccounted For	0.971.78%	0.090.57%	0.090.57%	0.090.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: Section 28 of the General Terms and Conditions.

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions

SETTLEMENT RATES 3/
 FIRM TRANSPORTATION SERVICES - NO NOTICE(FT-NN)

	Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Reservation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:	\$5.03/5.03	\$5.68/5.68	\$8.50/8.50	\$11.26/11.26
Minimum:	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Daily Volumetric Capacity Release Rates 2/	\$.1654/.1654	\$.1867/.1867	\$.2795/.2795	\$.3702/.3702

	<u>RECEIPT ZONE</u> Production Area	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/</u>				
Maximum/Maximum Including Surcharges:				
Production Area	3.80¢/3.80¢	4.20¢/4.20¢	5.30¢/5.30¢	6.00¢/6.00¢
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	4.00¢/4.00¢	4.70¢/4.70¢
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	4.40¢/4.40¢
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

	<u>Backhaul Transportation Charge (Dth) 1/</u>	<u>DELIVERY ZONE</u>		
		Zone 1	Zone 2	Zone 3
Max/Max With Surcharges:				
Production Area	3.80¢/3.80¢	N/A	N/A	N/A
Zone 1	3.80¢/3.80¢	2.70¢/2.70¢	N/A	N/A
Zone 2	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	N/A
Zone 3	3.80¢/3.80¢	2.70¢/2.70¢	3.60¢/3.60¢	3.20¢/3.20¢
Minimum:				
Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢

Small Shipper
 Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
Minimum:	0.500¢	0.700¢	2.10¢	2.90¢

Small Shipper
 Backhaul Charge 4/

Maximum/Maximum Including Surcharges:	42.20¢/42.20¢	47.90¢/47.90¢	63.60¢/63.60¢	84.40¢/84.40¢
Minimum Backhaul:	0.500¢	0.700¢	2.10¢	2.90¢

Fuel Retention (~~Summer~~Winter Period: ~~April~~October – ~~September~~March)

Forward Haul Fuel, Used & Unaccounted For	0.97 <u>1.78</u> %	0.97 <u>1.78</u> %	1.20 <u>2.72</u> %	1.38 <u>3.31</u> %
Intrazone Fuel, Used & Unaccounted For	0.97 <u>1.78</u> %	0.09 <u>0.57</u> %	0.09 <u>0.57</u> %	0.09 <u>0.57</u> %
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions

2/ See Section 22 of the General Terms and Conditions for exceptions to these maximum capacity release rates.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

4/ These rates are exclusive of the ACA surcharge. The surcharges applicable to service under Rate Schedule FT-NN for shippers designated as small shippers include:

Storage Cost Reconciliation Mechanism Volumetric Surcharge: \$0.0000 applicable to each Dth transported

ACA Surcharge: See Section 28 of the General Terms and Conditions.

Contesting Party Rates 3/
 Interruptible Transportation Service

RECEIPT ZONE	Production Area	Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/ Maximum/Maximum Including Surcharges:</u>				
Production Area	22.90¢/22.90¢	25.70¢/25.70¢	37.60¢/37.60¢	48.60¢/48.60¢
Zone 1	22.90¢/22.90¢	11.20¢/11.20¢	23.10¢/23.10¢	34.20¢/34.20¢
Zone 2	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	31.60¢/31.60¢
Zone 3	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	19.30¢/19.30¢
Minimum:				
Production Area	4.10¢	4.50¢	5.80¢	6.60¢
Zone 1	4.10¢	2.90¢	4.30¢	5.10¢
Zone 2	4.10¢	2.90¢	3.90¢	4.70¢
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Backhaul Transportation Charge (Dth) 1/ Max/Max With Surcharges:</u>				
Production Area	22.90¢/22.90¢	N/A	N/A	N/A
Zone 1	22.90¢/22.90¢	11.20¢/11.20¢	N/A	N/A
Zone 2	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	N/A
Zone 3	22.90¢/22.90¢	11.20¢/11.20¢	20.50¢/20.50¢	19.30¢/19.30¢
Minimum:				
Production Area	4.10¢	N/A	N/A	N/A
Zone 1	4.10¢	2.90¢	N/A	N/A
Zone 2	4.10¢	2.90¢	3.90¢	N/A
Zone 3	4.10¢	2.90¢	3.90¢	3.40¢
<u>Fuel Retention (Summer/Winter Period: April/October – September/March)</u>				
Forward Haul Fuel, Used & Unaccounted For	0.97 1.78%	0.97 1.78%	1.20 2.72%	1.38 3.31%
Intrazone Fuel, Used & Unaccounted For	0.97 1.78%	0.09 0.57%	0.09 0.57%	0.09 0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ The surcharges applicable to service under Rate Schedule IT and Supply Pool Balancing Agreement include:

Storage Cost Reconciliation Mechanism \$0.0000 applicable to each Dth transported.
 Volumetric Surcharge:

2/ The surcharges applicable to service under Rate Schedule IT include:

ACA Surcharge: See Section 28 of the General Terms and Conditions.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 for all Contesting Parties as defined in the Settlement. These rates are exclusive of the ACA surcharge.

SETTLEMENT RATES 3/
 Interruptible Transportation Service

RECEIPT ZONE	Production Area	DELIVERY ZONE		
		Zone 1	Zone 2	Zone 3
<u>Transportation Charge (Dth) 1/</u> Maximum/Maximum Including Surcharges:				
Production Area	21.10¢/21.10¢	23.70¢/23.70¢	34.70¢/34.70¢	44.70¢/44.70¢
Zone 1	21.10¢/21.10¢	10.30¢/10.30¢	21.30¢/21.30¢	31.50¢/31.50¢
Zone 2	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	29.10¢/29.10¢
Zone 3	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	17.70¢/17.70¢
Minimum:				
Production Area	0.500¢	0.700¢	2.10¢	2.90¢
Zone 1	0.500¢	0.200¢	1.60¢	2.40¢
Zone 2	0.500¢	0.200¢	1.40¢	2.20¢
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Backhaul Transportation Charge (Dth) 1/</u> Max/Max With Surcharges:				
Production Area	21.10¢/21.10¢	N/A	N/A	N/A
Zone 1	21.10¢/21.10¢	10.30¢/10.30¢	N/A	N/A
Zone 2	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	N/A
Zone 3	21.10¢/21.10¢	10.30¢/10.30¢	18.90¢/18.90¢	17.70¢/17.70¢
Minimum:				
Production Area	0.500¢	N/A	N/A	N/A
Zone 1	0.500¢	0.200¢	N/A	N/A
Zone 2	0.500¢	0.200¢	1.40¢	N/A
Zone 3	0.500¢	0.200¢	1.40¢	0.900¢
<u>Fuel Retention (Summer/Winter Period: April/October – September/March)</u>				
Forward Haul Fuel, Used & Unaccounted For	0.97 1.78%	0.97 1.78%	1.20 2.72%	1.38 3.31%
Intrazone Fuel, Used & Unaccounted For	0.97 1.78%	0.09 0.57%	0.09 0.57%	0.09 0.57%
Backhaul Fuel, Used & Unaccounted For	0.16%	0.16%	0.16%	0.16%

1/ The surcharges applicable to service under Rate Schedule IT and Supply Pool Balancing Agreement include:

Storage Cost Reconciliation Mechanism Volumetric \$0.0000 applicable to each Dth transported.
 Surcharges:

2/ Surcharges applicable to service under Rate Schedule IT.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

- 3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP18-556 applicable to all Supporting/Non-Opposing Participants as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP18-556 Settlement. These rates are exclusive of the ACA surcharge.

TRANSPORTATION RATES FOR
LIQUIDS AND LIQUEFIABLES 3/

Liquefiabiles 1/

For production from wells connected on or before December 31,1981:

- 4.5¢ per Dth per 100 miles prorated to the actual mileage 2/

For production from wells connected on or after January 1, 1982:

- 10.25¢ per Dth per 100 miles of offshore transportation prorated to the actual mileage offshore, plus
- 3.1¢ per Dth per 100 miles of onshore transportation prorated to the actual mileage onshore

Liquids

For production from wells connected on or before December 31, 1981:

- 55.0¢ per barrel
- 11.0¢ per barrel for service of 20 miles or less from receipt point to removal point

For production from wells connected on or after January 1, 1982:

- \$1.025 per barrel if any part of the service is offshore
- 31.0¢ per barrel if the service is onshore
- 20% of the applicable offshore or onshore rate for service of 20 miles or less from receipt point to removal point

Fuel Retention:

Forward Haul & Intrazone Fuel, Used & Unaccounted For	0.971.78%
Backhaul Fuel, Used & Unaccounted For	.16%

1/ Surcharges applicable to Transportation Rates for Liquids and Liquefiabiles.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ Based on a Btu content of 1,000 Btu per cubic foot.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP09-427 for all Contesting Parties as defined in the Settlement.

SETTLEMENT RATES 3/
TRANSPORTATION RATES FOR LIQUIDS AND LIQUEFIABLES

Liquefiabiles 1/

For production from wells connected on or before December 31,1981:

- 4.5¢ per Dth per 100 miles prorated to the actual mileage 2/

For production from wells connected on or after January 1, 1982:

- 10.25¢ per Dth per 100 miles of offshore transportation prorated to the actual mileage offshore, plus
- 3.1¢ per Dth per 100 miles of onshore transportation prorated to the actual mileage onshore

Liquids

For production from wells connected on or before December 31, 1981:

- 55.0¢ per barrel
- 11.0¢ per barrel for service of 20 miles or less from receipt point to removal point

For production from wells connected on or after January 1, 1982:

- \$1.025 per barrel if any part of the service is offshore
- 31.0¢ per barrel if the service is onshore
- 20% of the applicable offshore or onshore rate for service of 20 miles or less from receipt point to removal point

Fuel Retention:

Forward Haul & Intrazone Fuel, Used & Unaccounted For	0.971.78%
Backhaul Fuel, Used & Unaccounted For	.16%

1/ Surcharges applicable to Transportation Rates for Liquids and Liquefiabiles.

ACA Surcharge: See Section 28 of the General Terms and Conditions.

2/ Based on a Btu content of 1,000 Btu per cubic foot.

3/ The foregoing rates have been established pursuant to the terms of the Settlement filed in Docket No. RP09-427 applicable to all Supporting and Non-Opposing Parties as defined in the Settlement. Such rates shall remain in effect until superseded by new rates placed into effect consistent with the provisions of the Docket No. RP09-427 Settlement.

**SOUTHERN NATURAL GAS COMPANY
UPDATE OF FUEL RETENTION RATES**

APPENDIX B

SUPPORTING WORKPAPERS

Southern Natural Gas Company, L.L.C.
Summary of Fuel Retention Rates

<u>Line No.</u>	<u>Transportation</u>	<u>Current Winter Transportation Fuel Retention Rates For October 2017 - March 2018</u>	<u>Current Summer Transportation Fuel Retention Rates For April 2018 - September 2018</u>	<u>Proposed Winter Transportation Fuel Retention Rates For October 2018 - March 2019 1/</u>
1	Zone 0 Delivery	1.09%	0.97%	1.78%
2	Zone 1 Delivery	1.09%	0.97%	1.78%
3	Zone 2 Delivery	1.62%	1.20%	2.72%
4	Zone 3 Delivery	1.94%	1.38%	3.31%
5	0-0 Intrazone	1.09%	0.97%	1.78%
6	1-1 Intrazone	0.37%	0.09%	0.57%
7	2-2 Intrazone	0.37%	0.09%	0.57%
8	3-3 Intrazone	0.37%	0.09%	0.57%
9	Backhaul	0.16%	0.16%	0.16%
10	Liquefiable Transportation	1.09%	0.97%	1.78%
11	1 / See Schedules 2-16 for support			

Southern Natural Gas Company, L.L.C.
Zone Of Delivery Transportation Fuel Percentages
For Winter Period October 2018 - March 2019

<u>Line No.</u>		<u>Zone 0 & 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>Total</u>
1	Adjusted Zone Deliveries Net of Backhaul Volumes (Dth) 1/	52,533,878	121,688,310	263,328,224	437,550,412
2	Allocated Fuel To Be Recovered (Dth) 2/	552,257	2,454,310	6,951,665	9,958,232
3	Grossed Up Volumes Net of Backhaul Volumes (Dth)	53,086,136	124,142,620	270,279,889	447,508,644
4	Backhaul Volumes (Dth) 1/				<u>23,075,248</u>
5	Grossed Up Volumes Including Backhaul Volumes (Dth)				470,583,892
6	LAUF (Dth) 3/				<u>(737,003)</u>
7	Total Grossed Up Volumes (Dth)				469,846,889
8	Fuel % (Line 2 / Line 3)	1.04%	1.98%	2.57%	
9	Electric % 4/	0.90%	0.90%	0.90%	
10	LAUF % (Line 6 / Line 7)	<u>-0.16%</u>	<u>-0.16%</u>	<u>-0.16%</u>	
11	Total Transportation Retention %	1.78%	2.72%	3.31%	
12	1/ See Schedules 11-13 for support				
13	2/ See Schedules 3 and 4 for support				
14	3/ See Schedule 6 for support				
15	4/ See Schedule 8 for support				

Southern Natural Gas Company, L.L.C.
Fuel To Be Recovered From Transportation Fuel Retainage Rates
For Winter Period October 2018 - March 2019

<u>Line No.</u>		<u>Fuel Used From 10/1/17 - 3/31/18 1/</u> (dth)	<u>Under-Recovery From 10/1/17-3/31/18 2/</u> (dth)	<u>Storage Fuel Allocated To Transportation</u> (dth)		<u>Total</u> (dth)
1	Zone 0 & 1	3,705,186	851,358	43,164	3/	4,599,708
2	Zone 2	3,023,220	694,659	0		3,717,879
3	Zone 3	<u>1,334,102</u>	<u>306,543</u>	<u>0</u>		<u>1,640,645</u>
4	Total	8,062,508	1,852,560	43,164		<u>9,958,232</u>

5 1/ See Schedules 6 and 7 for support. Represents actual fuel used by zone before allocation to downstream zones.

6 2/ See Schedule 5 for support. Pro-rated to zones based on actual fuel used by zone.

7 3/ See Schedule 14, line 4 in Appendix C in SNG's Feb. 15, 2018 fuel tracker filing (RP18-444) for support.

Applying 50% of the total annual storage allocation to the winter season.

Southern Natural Gas Company, L.L.C.
Allocation Of Fuel To Be Recovered To Zones
For Winter Period October 2018 - March 2019

Line No.	<u>Zones 0 & 1</u>	<u>Zone 0 & 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>Total</u>
1	Adjusted Zone Deliveries (Dth) 1/	52,533,878	121,688,310	263,328,224	437,550,412
2	Zones 0, 1, 2 and 3 Combined Adjusted Deliveries (Dth)	437,550,412	437,550,412	437,550,412	
3	Percentage	12.01%	27.81%	60.18%	100.00%
4	Zones 0 & 1 Fuel Used & Allocated Under- Recovery Amt	<u>4,599,708</u>	<u>4,599,708</u>	<u>4,599,708</u>	
5	Zones 0 and 1 Fuel Allocation	552,257	1,279,237	2,768,213	4,599,708
	<u>Zone 2</u>				
6	Adjusted Zone Deliveries (Dth) 1/		121,688,310	263,328,224	385,016,533
7	Zones 2 and 3 Combined Adjusted Deliveries (Dth)		385,016,533	385,016,533	
8	Percentage		31.61%	68.39%	100.00%
9	Zone 2 Fuel Used & Allocated Under- Recovery Amt		<u>3,717,879</u>	<u>3,717,879</u>	
10	Zone 2 Fuel Allocation		1,175,073	2,542,807	3,717,879
	<u>Zone 3</u>				
11	Adjusted Zone Deliveries (Dth) 1/			263,328,224	263,328,224
12	Zone 3 Adjusted Deliveries (Dth)			263,328,224	
13	Percentage			100.00%	100.00%
14	Zone 3 Fuel Used & Allocated Under- Recovery Amt			<u>1,640,645</u>	
15	Zone 3 Fuel Allocation			1,640,645	1,640,645
16	Allocated Fuel To Each Zone	552,257	2,454,310	6,951,665	9,958,232

17 1/ See Schedules 11-13 for support.

Southern Natural Gas Company, L.L.C.

Line No.	PPAs	October 2017	November 2017	December 2017	January 2018	February 2018	March 2018	Plus Over-recovery Balance At 3/31/17 6/	Total
<u>Transportation</u>									
1		1,111,992	1,187,976	1,505,314	1,616,724	1,193,323	1,295,105	2,061,356	9,971,790
2	602	955,421	1,144,265	1,723,180	1,892,216	1,088,382	1,258,442	-	8,062,508
3	-	(249,680)	(231,292)	(145,451)	220,277	(121,607)	(209,250)	-	(737,003)
4	(602)	406,251	275,003	(72,415)	(495,769)	226,548	245,913	2,061,356	2,646,285
Net Over (Under) Collection (dth) (line 1 minus line 2 minus line 3)									
5		\$1,390,992	\$1,735,353	\$2,013,532	\$4,474,700	\$1,628,682	\$2,063,521		\$13,306,780
6		\$2.80	\$2.90	\$2.77	\$3.42	\$2.79	\$2.63		
7		496,783	598,398	726,907	1,308,392	583,757	784,609		4,498,845
Total Transp. Over (Under) Collection									
8	(602)	(90,532)	(323,395)	(799,322)	(1,804,161)	(357,209)	(538,696)		(1,852,560)
With Electricity Included (dth) (line 4 minus line 7)									

9 1/ See Schedule 16 for support

10 2/ See Schedule 6 for support

11 3/ See Schedule 15 for support

12 4/ See Schedule 14 for support

13 5/ SNG Index Price calculated per the provisions in Section 14.1 (d) of Southern Natural's General Terms and Conditions

14 6/ Under-recovery amount from RP17-989 8/30/17 filing, Schedules 3 and 5; included in total retained amount per

15 calculation specified in Section 35.3 of Southern Natural's General Terms and Conditions (i.e. similar to a deferred account)

Southern Natural Gas Company, L.L.C.
Fuel Used And LAUF Incurred
For Transportation Services

<u>Line No.</u>	<u>Fuel Used</u>	<u>PPAs</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>Total</u>
			<u>2017</u> (dth)	<u>2017</u> (dth)	<u>2017</u> (dth)	<u>2018</u> (dth)	<u>2018</u> (dth)	<u>2018</u> (dth)	
1	Compressor Fuel	602	888,231	1,050,188	1,623,329	1,820,140	1,031,027	1,183,710	7,597,227
2	Other Company Use 1/		<u>67,190</u>	<u>94,077</u>	<u>99,851</u>	<u>72,076</u>	<u>57,355</u>	<u>74,732</u>	<u>465,281</u>
3	Total	602	955,421	1,144,265	1,723,180	1,892,216	1,088,382	1,258,442	8,062,508 3/
4	LAUF 2/		(249,680)	(231,292)	(145,451)	220,277	(121,607)	(209,250)	(737,003)

5 1/ Includes mainly compressor and pipeline blowdowns

6 2/ See Schedule 15 for support

7 3/ See Schedule 7 for support

Southern Natural Gas Company, L.L.C.
 Breakdown of Compressor Fuel and Other Company Used Gas by Zone
 From October 1, 2017 through March 31, 2018

<u>Line No.</u>	<u>Zone</u>	<u>Compressor Location</u>	<u>Compressor Fuel</u>
1	0/1	Bay Springs	471,199
2	0/1	Bienville	103,893
3	0/1	Franklinton	196,446
4	0/1	Gwinville	444,995
5	0/1	Louisville	257,127
6	0/1	Onward	95,363
7	0/1	Pearl River	111,109
8	0/1	Pickens	87,899
9	0/1	Rankin	84,607
10	0/1	SESH: Delhi & Gwinville	1,056,094
11	0/1	Shadyside	79,684
12	0/1	Toca	188,471
13	0/1	White Castle	<u>307,228</u>
14		Total Zone 0 & 1	3,484,115
15	2	Auburn	385,254
16	2	Bell Mills	72,015
17	2	Dearmanville	122,039
18	2	Duncanville	34
19	2	Elmore	127,018
20	2	Enterprise	833,547
21	2	Gallion	129,530
22	2	McConnells	28,032
23	2	Pell City	583
24	2	Providence	57,283
25	2	Reform	71,864
26	2	Selma	627,118
27	2	Tarrant	147,728
28	2	York	<u>299,594</u>
29		Total Zone 2	2,901,639
30	3	Albany	40,329
31	3	Elba Express	6,027
32	3	Ellerslie	153,304
33	3	Hall Gate	101,796
34	3	Hilliard	163
35	3	Holy Trinity	7,119
36	3	Ocmulgee	239,900
37	3	Pavo	10,832
38	3	Riceboro	729
39	3	Rome	49,898
40	3	Thomaston	454,159
41	3	Wrens	146,615
42	3	PPA	<u>602</u>
43		Total Zone 3	1,211,473
44		Total Compressor Fuel	7,597,227

<u>Line No.</u>	<u>Zone</u>	<u>Location</u>	<u>Other Company Used 1/</u>
1	0/1	Bay Springs	1,849
2	0/1	Bienville	47
3	0/1	Columbus, MS District	748
4	0/1	Franklinton	1,044
5	0/1	Gwinville	3,434
6	0/1	Heidelberg District	19,819
7	0/1	Mississippi Hub	75,615
8	0/1	Louisville	570
9	0/1	Nachitoches District	2,084
10	0/1	Onward	493
11	0/1	Pearl River	323
12	0/1	Pickens	653
13	0/1	Rankin	892
14	0/1	Shadyside	561
15	0/1	Toca	301
16	0/1	Toca District	1,487
17	0/1	White Castle	14,165
18	0/1	Fugitive Emissions	<u>96,986</u>
19		Total Zone 0 & 1	221,071
20	2	Auburn	2,724
21	2	Bell Mills	220
22	2	Birmingham District	29,281
23	2	Dearmanville	2,532
24	2	Duncanville	12
25	2	Elmore	3,363
26	2	Enterprise	13,412
27	2	Gallion	3,740
28	2	McConnells	15,673
29	2	Montgomery District	376
30	2	Pell City	173
31	2	Providence	512
32	2	Reform	3,012
33	2	Selma	2,060
34	2	Tarrant	106
35	2	York	1,749
36	2	Fugitive Emissions	<u>42,636</u>
37		Total Zone 2	121,581
38	3	Albany	575
39	3	Atlanta District	12,681
40	3	Brookman	624
41	3	Chattanooga	806
42	3	Ellerslie	5,382
43	3	Hall Gate	5,350
44	3	Hilliard	378
45	3	Holy Trinity	456
46	3	Ocmulgee	3,432
47	3	Pavo	448
48	3	Plant Brandy Branch	19,624
49	3	Riceboro	91
50	3	Rome	325
51	3	Savannah District	21,841
52	3	Thomaston	2,055
53	3	Thomasville District	4,796
54	3	Wrens	3,783
55	3	Fugitive Emissions	<u>39,982</u>
56		Total Zone 3	122,629
57		Total Other Company Used	465,281
58		Total Zone 0 & 1	3,705,186
59		Total Zone 2	3,023,220
60		Total Zone 3	<u>1,334,102</u>
61		Total Compressor Fuel and Other Company Used Gas for all zones	8,062,508

1/ Includes mainly compressor and pipeline blowdowns

Southern Natural Gas Company, L.L.C.
Recovery Of Electric Compression Costs

<u>Line No.</u>		<u>October</u> <u>2017</u>	<u>November</u> <u>2017</u>	<u>December</u> <u>2017</u>	<u>January</u> <u>2018</u>	<u>February</u> <u>2018</u>	<u>March</u> <u>2018</u>	<u>Total</u>
1	Electric Compression Costs 1/	\$1,390,992	\$1,735,353	\$2,013,532	\$4,474,700	\$1,628,682	\$2,063,521	\$13,306,780
2	SNG Index Price 2/	\$2.80	\$2.90	\$2.77	\$3.42	\$2.79	\$2.63	
3	Electric Costs in Dth	496,783	598,398	726,907	1,308,392	583,757	784,609	4,498,845

Calculation of Fuel % To Cover Electric Compression Costs

4	Total Billed Throughput For October 2017 - March 2018 3/			521,747,738	dth			
5	Less Backhauls For October 2017 - March 2018			(23,075,248)	dth			
6	Total			498,672,490	dth			
7	Electricity Costs In Dth			4,498,845	dth			
8	Electric % (line 7 / line 6)			0.90%				

9 1/ See Schedule 14 for support

10 2/ SNG Index Price calculated per the provisions in Section 14.1 (d) of Southern Natural's General Terms and Conditions

11 3/ Reflects the sum of the throughput in the first column of Schedules 11, 12 and 13

Southern Natural Gas Company, L.L.C.
Calculation Of Intrazone Rate For Winter Period October 2017 - March 2018

Line No.

1	Fuel used in Zone 3 for October 2017 - March 2018	1,640,645 dth 1/
2	Zone 3 total deliveries for October 2017 - March 2018	315,227,757 dth 2/
	<u>Intrazone rate for 1-1, 2-2 and 3-3 transport</u>	
3	Fuel % (line 1 / line 2)	0.52%
4	Electric %	0.21% 3/
5	LAUF %	<u>-0.16%</u> 4/
6	Total intrazone rate for 1-1, 2-2 and 3-3 transport	0.57%

7 1/ See Schedule 3, line 3 for support

8 2/ See Schedule 13, line 7 for support

9 3/ Used 23.7% of full electric component to be consistent with methodology used
10 for settlement intrazone rate in RP09-427

11 4/ See Schedule 2, line 10 for support

Southern Natural Gas Company, L.L.C.
Determination of Backhaul Rate

Per the terms of Section 35.3 of Southern Natural Gas Company's General Terms and Conditions of its tariff, the backhaul fuel retention percentage will remain at .16% without adjustment; however, in calculating the over-recovery, the actual LAUF has been used (see Schedule 5, line 3).

Southern Natural Gas Company, L.L.C.
Zone 0 & Zone 1 Deliveries
(All Volumes in DTH)

Line No.	Month	Zone 0 & 1	Less			Subtotal Zone 0 & 1 Deliveries	Add: Weighted 1 - 1 Volumes 2/	Adjusted Zone 0 & 1 Deliveries
		Deliveries Including CSS/ISS Inj.	1 - 1 Intrazone Vols Excluding Zone 1 CSS/ISS Withdrawals	Backhaul To Zone 0 & 1	CSS/ISS Zone 0 & 1 Withdrawals 1/			
	1	2	3	4	5			
1	October 2017	9,267,030	2,123,588	58,000	151,863	6,933,579	799,106	7,732,685
2	November 2017	9,775,944	2,683,789	378,233	85,851	6,628,071	1,009,910	7,637,981
3	December 2017	9,828,859	1,899,422	51,625	401,792	7,476,020	714,752	8,190,772
4	January 2018	12,022,158	2,972,780	375,762	541,523	8,132,093	1,118,657	9,250,750
5	February 2018	11,864,445	1,493,654	35,823	377,359	9,957,609	562,062	10,519,671
6	March 2018	10,624,238	1,984,626	720	183,688	8,455,204	746,815	9,202,019
7	Total DTH	63,382,674	13,157,859	900,163	1,742,076	47,582,576	4,951,302	52,533,878

8 1/ No fuel charged on CSS/ISS Zone 0 & 1 withdrawals

9 2/ Intrazone 1-1 fuel % excluding LAUF %/ 0-0 fuel % excluding LAUF % (.0073/.0194) =

0.3763

10 This ratio applied to 1-1 volumes in column 3 to derive weighted volumes in column 7

Southern Natural Gas Company, L.L.C.
Zone 2 Deliveries
(All Volumes in DTH)

Line No.	Month	Less				Subtotal Zone 2 Deliveries	Plus Weighted Volumes		Adjusted Zone 2 Deliveries
		Zone 2 Deliveries	CSS/ISS Zone 2 Withdrawals	2 - 2 Intrazone	Backhaul To Zone 2		CSS/ISS Zone 2 Withdrawals 1/	2 - 2 Intrazone 2/	
	1	2	3	4	5	6 (2-3-4-5)	7	8	9 (6+7+8)
1	October 2017	22,235,278	1,024,598	2,982,649	19,968	18,208,063	354,101	756,102	19,318,266
2	November 2017	23,818,672	1,477,246	3,577,338	68,880	18,695,208	510,536	906,855	20,112,599
3	December 2017	27,730,283	2,353,479	3,555,759	492,836	21,328,209	813,362	901,385	23,042,956
4	January 2018	30,332,348	2,844,695	3,450,281	946,819	23,090,553	983,127	874,646	24,948,326
5	February 2018	18,823,822	294,561	2,112,022	350,262	16,066,977	101,800	535,398	16,704,175
6	March 2018	20,196,904	1,146,341	2,520,128	3,475	16,526,960	396,175	638,852	17,561,988
7	Total DTH	143,137,307	9,140,920	18,198,177	1,882,240	113,915,970	3,159,102	4,613,238	121,688,310

- 8 1/ Total 0-2 fuel % less total 0-0 fuel % divided by Total 0-2 fuel % (.0272-.0178) / .0272 = 0.3456
9 This ratio applied to CSS/ISS volumes in column 3 to get weighted volumes in column 7
10 2/ Intrazone 2-2 fuel % excluding LAUF %/ 0-2 fuel % excluding LAUF % (.0073/.0288)= 0.2535
11 This ratio applied to 2-2 volumes in column 4 to get weighted volumes in column 8

Southern Natural Gas Company, L.L.C.
Zone 3 Deliveries
(All Volumes in DTH)

Line No.	Month	Zone 3 Deliveries	Less			Subtotal Zone 3 Deliveries	Plus Weighted Volumes		Adjusted Zone 3 Deliveries
			CSS/ISS Zone 3 Withdrawals	3-3 Intrazone Excluding 3-3 Backhaul	Backhaul To Zone 3		CSS/ISS Zone 3 Withdrawals 1/	3-3 Intrazone Excluding 3-3 Backhaul 2/	
	1	2	3	4	5	6 (2-3-4-5)	7	8	9 (6+7+8)
1	October 2017	43,121,796	901,871	4,640,831	3,522,276	34,056,818	416,845	976,431	35,450,094
2	November 2017	45,265,321	2,799,586	2,447,674	3,067,928	36,950,133	1,293,969	514,991	38,759,092
3	December 2017	59,599,015	6,867,334	3,738,480	3,228,311	45,764,890	3,174,082	786,576	49,725,548
4	January 2018	66,982,860	10,316,010	5,756,588	3,397,881	47,512,381	4,768,060	1,211,186	53,491,627
5	February 2018	46,686,306	3,749,809	1,503,036	3,311,317	38,122,144	1,733,162	316,239	40,171,544
6	March 2018	53,572,459	4,793,155	1,898,746	3,765,132	43,115,426	2,215,396	399,496	45,730,318
7	Total DTH	315,227,757	29,427,765	19,985,355	20,292,845	245,521,792	13,601,513	4,204,919	263,328,224

- 8 1/ Total 0-3 fuel % less total 0-0 fuel % divided by Total 0-3 fuel % (.0331 -.0178)/.0331 = 0.4622
9 This ratio applied to CSS/ISS volumes in column 3 to get weighted volumes in column 7
10 2/ Intrazone 3-3 fuel % excluding LAUF %/ 0-3 fuel % excluding LAUF % (.0073/.0347) = 0.2104
11 This ratio applied to 3-3 volumes in column 4 to get weighted volumes in column 8

Appendix B
Schedule 14

Southern Natural Gas Company, L.L.C.
Electricity Costs By Compressor Station
From October 1, 2017 Through March 31, 2018

<u>Line No.</u>	<u>Compressor Station</u>	<u>October-17</u>	<u>November-17</u>	<u>December-17</u>	<u>January-18</u>	<u>February-18</u>	<u>March-18</u>	<u>Total</u>
1	Auburn	\$441,937	\$423,172	\$445,059	\$697,553	\$391,512	\$456,734	\$2,855,968
2	Brookman	\$9,953	\$5,329	\$5,327	\$6,185	\$5,027	\$4,258	\$36,078
3	Ellerslie	\$22,666	\$86,187	\$155,131	\$560,200	\$70,409	\$77,784	\$972,377
4	Elmore	\$191,471	\$394,471	\$476,078	\$782,147	\$221,371	\$319,570	\$2,385,108
5	Gallion	\$221,100	\$446,441	\$481,259	\$774,201	\$234,386	\$315,832	\$2,473,219
6	Pell City	\$3,051	\$3,053	\$3,093	\$3,124	\$3,016	\$3,124	\$18,461
7	Selma	\$24,649	\$24,779	\$51,503	\$797,109	\$396,210	\$473,539	\$1,767,789
8	Wrens	\$89,876	\$53,341	\$47,145	\$140,561	\$65,043	\$69,570	\$465,535
9	York	<u>\$386,290</u>	<u>\$298,581</u>	<u>\$348,938</u>	<u>\$713,620</u>	<u>\$241,708</u>	<u>\$343,109</u>	<u>\$2,332,246</u>
10	Total	\$1,390,992	\$1,735,353	\$2,013,532	\$4,474,700	\$1,628,682	\$2,063,521	\$13,306,780

Southern Natural Gas Company, L.L.C.
Support For LAUF Calculation
October 2017- March 2018

<u>Line #</u>	<u>Month</u>	<u>Total Receipts 1/</u> (dth) 1	<u>Total Deliveries 2/</u> (dth) 2	<u>LAUF 3/</u> (dth) = 1-2
1	October 2017	84,186,307	84,435,987	(249,680)
2	November 2017	86,373,843	86,605,135	(231,292)
3	December 2017	102,551,600	102,697,051	(145,451)
4	January 2018	109,484,210	109,263,932	220,277
5	February 2018	78,052,077	78,173,684	(121,607)
6	March 2018	86,795,259	87,004,508	(209,250)

1/ Includes all storage withdrawals whether customer activity or activity related to Southern's working storage; also includes any decreases to line inventory.

2/ Includes all storage injections whether customer activity or activity related to Southern's working storage; also includes any increases to line inventory and compressor fuel consumed for operations.

3/ LAUF stands for "Lost and Unaccounted For".

Southern Natural Gas Company, L.L.C.
Fuel Retained
October-2017

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes (dth)</u>	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained 1/ (dth)</u>
1	Transported From Storage			
2	Zone 0	38,560	0.0000	0
3	Zone 1	113,303	0.0000	0
4	Zone 2	1,024,598	0.0053 2/	5,430
5	Zone 3	<u>901,871</u>	0.0085 2/	<u>7,666</u>
6		2,078,332		13,096
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	3,140,237	0.0109	34,209
9	Zone 1	1,599,721	0.0037	5,908
10	Zone 2	2,842,123	0.0037	10,515
11	Zone 3	<u>4,515,613</u>	0.0037	<u>16,690</u>
12		12,097,694		67,322
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,128,686	0.0109	23,190
15	Zone 1	862,092	0.0109	9,380
16	Zone 2	19,036,123	0.0162	308,365
17	Zone 3	<u>35,301,341</u>	0.0194	<u>684,861</u>
18		57,328,242		1,025,796
19	Backhaul Transportation Receipts	3,611,013	0.0016	5,778
20	Total Transportation	75,115,281		1,111,992

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
24 no fuel discounts).
25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
26 in Section 3(e)(vi) of Rate Schedule FT.
27 3/ Includes volumes transported to storage.

Southern Natural Gas Company, L.L.C.
Fuel Retained
November-2017

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes</u> (dth)	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained</u> 1/ (dth)
1	Transported From Storage			
2	Zone 0	2,762	0.0000	0
3	Zone 1	83,089	0.0000	0
4	Zone 2	1,477,246	0.0053 2/	7,829
5	Zone 3	<u>2,799,586</u>	0.0085 2/	<u>23,796</u>
6		4,362,683		31,625
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	3,201,336	0.0109	34,880
9	Zone 1	2,129,418	0.0037	7,859
10	Zone 2	3,555,875	0.0037	13,156
11	Zone 3	<u>3,624,725</u>	0.0037	<u>13,412</u>
12		12,511,354		69,307
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	1,858,225	0.0109	20,246
15	Zone 1	620,277	0.0109	6,744
16	Zone 2	19,743,509	0.0162	319,834
17	Zone 3	<u>38,677,423</u>	0.0194	<u>734,551</u>
18		60,899,434		1,081,375
19	Backhaul Transportation Receipts	3,542,729	0.0016	5,669
20	Total Transportation	81,316,200		1,187,976

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
24 no fuel discounts).

25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
26 in Section 3(e)(vi) of Rate Schedule FT.

27 3/ Includes volumes transported to storage.

Southern Natural Gas Company, L.L.C.
Fuel Retained
December-2017

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes</u> (dth)	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained 1/</u> (dth)
1	Transported From Storage			
2	Zone 0	291,374	0.0000	0
3	Zone 1	110,418	0.0000	0
4	Zone 2	2,353,479	0.0053 2/	12,473
5	Zone 3	<u>6,867,334</u>	0.0085 2/	<u>58,372</u>
6		9,622,605		70,845
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,668,429	0.0109	29,071
9	Zone 1	1,514,899	0.0037	5,597
10	Zone 2	2,872,470	0.0037	10,629
11	Zone 3	<u>3,588,766</u>	0.0037	<u>13,279</u>
12		10,644,564		58,576
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	1,710,460	0.0109	18,635
15	Zone 1	1,048,565	0.0109	11,413
16	Zone 2	24,310,557	0.0162	393,841
17	Zone 3	<u>49,547,640</u>	0.0194	<u>945,910</u>
18		76,617,222		1,369,799
19	Backhaul Transportation Receipts	3,808,575	0.0016	6,094
20	Total Transportation	100,692,966		1,505,314

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
24 no fuel discounts).
25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
26 in Section 3(e)(vi) of Rate Schedule FT.
27 3/ Includes volumes transported to storage.

Southern Natural Gas Company, L.L.C.
Fuel Retained
January-2018

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes (dth)</u>	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained 1/ (dth)</u>
1	Transported From Storage			
2	Zone 0	174,068	0.0000	0
3	Zone 1	367,455	0.0000	0
4	Zone 2	2,844,695	0.0053 2/	15,077
5	Zone 3	<u>10,316,010</u>	0.0085 2/	<u>87,686</u>
6		13,702,228		102,763
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,108,228	0.0109	22,990
9	Zone 1	2,263,130	0.0037	8,393
10	Zone 2	3,029,690	0.0037	11,210
11	Zone 3	<u>4,492,156</u>	0.0037	<u>16,621</u>
12		11,893,204		59,214
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,082,649	0.0109	22,711
15	Zone 1	1,274,723	0.0109	13,927
16	Zone 2	25,516,843	0.0162	413,391
17	Zone 3	<u>51,393,512</u>	0.0194	<u>997,052</u>
18		80,267,727		1,447,081
19	Backhaul Transportation Receipts	4,790,968	0.0016	7,666
20	Total Transportation	110,654,127		1,616,724

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
24 no fuel discounts).
25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
26 in Section 3(e)(vi) of Rate Schedule FT.
27 3/ Includes volumes transported to storage.

Southern Natural Gas Company, L.L.C.
 Fuel Retained
 February-2018

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes (dth)</u>	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained 1/ (dth)</u>
1	Transported From Storage			
2	Zone 0	5,507	0.0000	0
3	Zone 1	371,852	0.0000	0
4	Zone 2	294,561	0.0053 2/	1,561
5	Zone 3	<u>3,749,809</u>	0.0085 2/	<u>31,874</u>
6		4,421,729		33,435
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	1,476,900	0.0109	16,090
9	Zone 1	1,318,127	0.0037	4,858
10	Zone 2	2,732,112	0.0037	10,109
11	Zone 3	<u>1,459,167</u>	0.0037	<u>5,399</u>
12		6,986,306		36,456
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	3,415,597	0.0109	37,210
15	Zone 1	481,513	0.0109	5,229
16	Zone 2	18,387,177	0.0162	297,892
17	Zone 3	<u>40,426,773</u>	0.0194	<u>777,166</u>
18		62,711,060		1,117,497
19	Backhaul Transportation Receipts	3,709,284	0.0016	5,935
20	Total Transportation	77,828,379		1,193,323

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
 22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
 23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
 24 no fuel discounts).
 25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
 26 in Section 3(e)(vi) of Rate Schedule FT.
 27 3/ Includes volumes transported to storage.

Southern Natural Gas Company, L.L.C.
Fuel Retained
March-2018

<u>Line No.</u>	<u>Delivery Zone</u>	<u>Receipt Volumes</u> (dth)	<u>Fuel Retention Rate</u>	<u>Total Fuel Retained</u> 1/ (dth)
1	Transported From Storage			
2	Zone 0	1,899	0.0000	0
3	Zone 1	181,789	0.0000	0
4	Zone 2	1,146,341	0.0053 2/	6,076
5	Zone 3	<u>4,793,155</u>	0.0085 2/	<u>40,742</u>
6		6,123,184		46,818
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,334,530	0.0109	25,431
9	Zone 1	1,842,024	0.0037	6,795
10	Zone 2	2,872,338	0.0037	10,628
11	Zone 3	<u>1,938,578</u>	0.0037	<u>7,173</u>
12		8,987,470		50,027
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,826,985	0.0109	30,795
15	Zone 1	624,657	0.0109	6,789
16	Zone 2	17,539,564	0.0162	284,161
17	Zone 3	<u>45,804,473</u>	0.0194	<u>870,504</u>
18		66,795,679		1,192,249
19	Backhaul Transportation Receipts	3,756,988	0.0016	6,011
20	Total Transportation	85,663,321		1,295,105

21 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate
22 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel
23 retained was at the applicable maximum retention percentages under the tariff (i.e. there were
24 no fuel discounts).
25 2/ Fuel collected on volumes transported to and from storage per provisions in tariff as provided
26 in Section 3(e)(vi) of Rate Schedule FT.
27 3/ Includes volumes transported to storage.