



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

February 12, 2019

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. RP19-

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 April 1, 2019, 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 April 1, 2019 to update its transport fuel retention rates for the six month period April 1 through September 30, 2019 (i.e. summer 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. Section 35 also provides that SNG will make a filing at least thirty days before the effective date of April 1, 2019 to update its storage fuel retention rate for the annual period April 1, 2019 through March 31, 2020 under Rate Schedules CSS and ISS.

### **Nature, Basis and Reasons for Proposed Tariff Changes**

In accordance with Section 35 of the GT&C, the updated transport fuel retention rates are based upon the actual data for the six months ending September 30, 2018, including the over-recovery balance applicable to the summer season that existed at September 30, 2017. As of September 30, 2018, SNG has experienced a cumulative under-recovery of 4,550,554 dth relating to the summer season transportation services.

In accordance with Section 35 of the GT&C, the updated storage fuel retention rate is based upon the actual data for the twelve months ending December 31, 2018, including the prior year’s storage over-recovery balance that existed at December 31, 2017. As of December 31, 2018, SNG has experienced a cumulative over-recovery of 119,627 dth relating to storage services.

### **Transportation Under-Recovery Amount**

Regarding transportation services, there was an over-recovery balance at September 30, 2017, of 3,433,506 dth applicable to the summer season as reflected in SNG’s

filing in Docket No. RP18-444. Over the following summer period (April through September 2018), SNG consumed 7,984,060 dth more than it collected. This resulted in the over-recovery balance of 3,433,506 dth becoming an under-recovery balance of 4,550,554 dth as of September 30, 2018.

**Storage Under-Recovery Amount**

Regarding storage services, there was an over-recovery balance of 13,761 dth as of December 31, 2017 as reflected in SNG’s previous update of the storage fuel retention rate filed on February 15, 2018 in Docket No. RP18-444. Over the January through December 2018 period, SNG collected 105,866 dth more than it consumed. This resulted in an over-recovery balance of 119,627 dth as of December 31, 2018.

**Summary of Proposed Fuel Retention Rates**

As reflected on Schedule 1 of the attached Appendix B, a comparison of the currently effective fuel retention rates vs. the proposed rates is as follows:

<u>Transportation</u>	<u>Last Summer Rates</u> (4/18-9/18)	<u>Current Winter Rates</u> (10/18-3/19)	<u>Proposed Summer Rates</u> (4/19-9/19)
Delivery to Zone 0 and			
Long-haul Delivery to Zone 1	.97%	1.78%	2.54%
Long-haul Delivery to Zone 2	1.20%	2.72%	3.46%
Long-haul Delivery to Zone 3	1.38%	3.31%	4.31%
1-1, 2-2, 3-3 Intrazone Delivery	.09%	.57%	.84%
Backhaul	.16%	.16%	.16%
 <u>Storage</u>	 <u>Current Rates</u> (4/18-3/19)	 <u>Proposed Rates</u> (4/19-3/20)	
Storage Injections/Withdrawals	0.75%	0.55%	

The above fuel percentages are proposed to be applied to all SNG customers as applicable (i.e. there are no fuel discounts). The proposed summer season transportation fuel retention rates (for April-September 2019) are much higher than last summer’s transportation fuel retention rates due mainly to the fact that last summer’s rates included in their calculation an over-recovery balance of 3,433,506 dth while the proposed summer transportation rates include in their calculation an under-recovery balance of 4,550,554 dth. The main reason for the under-recovery is that the 2018 summer was much hotter than the 2017 summer. In fact, the 2018 summer was the fifth hottest summer in the last thirty years (compared to an average 2017 summer). This resulted in higher throughput and thus caused SNG to use more compression. The proposed storage fuel retention rate is lower than the current storage fuel retention rate as a result of the over-recovery balance of 13,761 dth in calendar year 2017 increasing to an over-recovery balance of 119,627 dth in calendar year 2018.

## **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 current vs. proposed fuel retention rates.
Schedule 2:	Summary of the components of the 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 over the six month period of the transportation under-recovery amounts.
Schedule 6:	Components of transportation fuel usage by month.
Schedule 7:	Transportation 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 1-1, 2-2 and 3-3 transportation.
Schedule 10:	Support for backhaul rate.
Schedules 11-13:	Derivation of adjusted zone deliveries for transportation.
Schedules 14-17:	Derivation of the storage fuel retention rate.
Schedule 18:	Monthly detail of electric compression costs for transportation.
Schedule 19:	Monthly detail of transportation LAUF (lost and unaccounted for volumes).
Schedule 20:	Monthly support of transportation fuel retained for April – September 2018.
Schedule 21:	Summary of storage fuel retained for January – December 2018.
Schedule 22:	Summary of fuel retained and consumed in the Magnolia expansion.

## **Procedural Matters**

Pursuant to 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 April 1, 2019. 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, L.L.C.  
Post Office Box 2563  
Birmingham, Alabama 35202-2563  
(205) 325-3843  
[brooks\\_henderson@kindermorgan.com](mailto:brooks_henderson@kindermorgan.com)

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Birmingham, Alabama 35202-2563  
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Respectfully submitted,

SOUTHERN NATURAL GAS COMPANY, L.L.C.

/s/ T. Brooks Henderson  
T. Brooks Henderson  
Director – Rates  
Southern Natural Gas Company, L.L.C.  
Post Office Box 2563  
Birmingham, Alabama 35202-2563  
(205) 325-3843  
[brooks\\_henderson@kindermorgan.com](mailto: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 12<sup>th</sup> day of February, 2019.

/s/ T. Brooks Henderson

T. Brooks Henderson  
Director - Rates  
Southern Natural Gas Company, L.L.C.  
Post Office Box 2563  
Birmingham, Alabama 35202-2563  
(205) 325-3843  
[brooks\\_henderson@kindermorgan.com](mailto: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  
Volume No. 1

Tariff Sections Proposed to be Effective April 1, 2019

Section	Description	Version
2.1	Statement of Rates – FT	24.0.0
2.1.1	Statement of Rates – FT Settlement	27.0.0
2.2	Statement of Rates – FT-NN	24.0.0
2.2.1	Statement of Rates – FT-NN Settlement	25.0.0
2.3	Statement of Rates – IT	25.0.0
2.3.1	Statement of Rates – IT Settlement	25.0.0
2.4	Statement of Rates – CSS	12.0.0
2.4.1	Statement of Rates – CSS Settlement	12.0.0
2.5	Statement of Rates – ISS	12.0.0
2.5.1	Statement of Rates – ISS Settlement	12.0.0
2.6	Statement of Rates – Liquids and Liquefiabiles	18.0.0
2.6.1	Statement of Rates – Liquids and Liquefiabiles Settlement	18.0.0

**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 (Summer Period: April - September)</u>				
Forward Haul Fuel, Used & Unaccounted For	2.54%	2.54%	3.46%	4.31%
Intrazone Fuel, Used & Unaccounted For	2.54%	0.84%	0.84%	0.84%
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: \$(0.0011) 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: \$(0.0011) 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 Period: April – September)

Forward Haul Fuel, Used & Unaccounted For	2.54%	2.54%	3.46%	4.31%
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Intrazone Fuel, Used & Unaccounted For	2.54%	0.84%	0.84%	0.84%
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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: \$(0.0011) 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: \$(0.0011) 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>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 (Summer Period: April – September)</u>				
Forward Haul Fuel, Used & Unaccounted For	2.54%	2.54%	3.46%	4.31%
Intrazone Fuel, Used & Unaccounted For	2.54%	0.84%	0.84%	0.84%
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: \$(0.0011) 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: \$(0.0011) 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 Period: April – September)

Forward Haul Fuel, Used & Unaccounted For	2.54%	2.54%	3.46%	4.31%
Intrazone Fuel, Used & Unaccounted For	2.54%	0.84%	0.84%	0.84%
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: \$(0.0011) 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: \$(0.0011) applicable to each Dth transported

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



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/ 2/</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/ 2/</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 Period: April – September)</u>				
Forward Haul Fuel, Used & Unaccounted For	2.54%	2.54%	3.46%	4.31%
Intrazone Fuel, Used & Unaccounted For	2.54%	0.84%	0.84%	0.84%
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 \$(0.0011) 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.

CONTESTING PARTY RATES 1/  
 CONTRACT STORAGE SERVICE (CSS)

	<u>Maximum</u>	<u>Minimum</u>
<u>Contract Storage (CSS)</u>		
Deliverability Charge (Dth)	\$ 1.597	\$ 0.000
Maximum Daily Volumetric Capacity Release Rates (Dth)	\$ .0525	\$ 0.000
Capacity Charge (Dth)	3.140¢	0.000¢
Maximum Daily Volumetric Capacity Release Rates (Dth)	.1032¢	0.000¢
Injection Charge (Dth)	.950¢	.950¢
Withdrawal Charge (Dth)	.950¢	.950¢
<u>Rates for Customers Electing FT-Small Shipper Charge</u>		
Deliverability Charge (Dth)	\$ .599	\$ 0.000
Capacity Charge (Dth)	3.140¢	0.000¢
Injection Charge (Dth)	.950¢	.950¢
Withdrawal Charge (Dth)	.950¢	.950¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection	0.55%	
Withdrawal	0.55%	

1/ 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.

SETTLEMENT RATES 1/  
 CONTRACT STORAGE SERVICE (CSS)

<u>Contract Storage (CSS)</u>	<u>Maximum</u>	<u>Minimum</u>
Deliverability Charge (Dth)	\$ 1.309	\$ 0.000
Maximum Daily Volumetric Capacity Release Rates (Dth)	\$ .0430	\$ 0.000
Capacity Charge (Dth)	2.570¢	0.000¢
Maximum Daily Volumetric Capacity Release Rates (Dth)	.0845¢	0.000¢
Injection Charge (Dth)	.940¢	.940¢
Withdrawal Charge (Dth)	.940¢	.940¢
<u>Rates for Customers Electing FT-Small Shipper Charge</u>		
Deliverability Charge (Dth)	\$ .491	\$ 0.000
Capacity Charge (Dth)	2.570¢	0.000¢
Injection Charge (Dth)	.940¢	.940¢
Withdrawal Charge (Dth)	.940¢	.940¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection		0.55%
Withdrawal		0.55%

1/ 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.

CONTESTING PARTY RATES 1/  
INTERRUPTIBLE STORAGE SERVICE (ISS)

	<u>Maximum</u>	<u>Minimum</u>
<u>ISS Average Daily Balance Charge (Dth)</u>	8.390¢	.000¢
ISS Injection	.950¢	.950¢
ISS Withdrawal	.950¢	.950¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection		0.55%
Withdrawal		0.55%

1/ 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.



SETTLEMENT RATES 1/  
 INTERRUPTIBLE STORAGE SERVICE (ISS)

	<u>Maximum</u>	<u>Minimum</u>
<u>ISS Average Daily Balance Charge (Dth)</u>	7.750¢	.000¢
ISS Injection	.940¢	.940¢
ISS Withdrawal	.940¢	.940¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection	0.55%	
Withdrawal	0.55%	

1/ 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.

TRANSPORTATION RATES FOR  
LIQUIDS AND LIQUEFIABLES 3/

Liquefiabiles 1/  
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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	2.54%
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/  
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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	2.54%
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 (<del>Winter</del>Summer Period: <del>October</del>April - <del>March</del>September)</u>				
Forward Haul Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>1.782.54%</del>	<del>2.723.46%</del>	<del>3.314.31%</del>
Intrazone Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>
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: \$(0.0011) 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: \$(0.0011) 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~~Summer Period: ~~October~~April – ~~March~~September)

Forward Haul Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>1.782.54%</del>	<del>2.723.46%</del>	<del>3.314.31%</del>
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Intrazone Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>
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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: \$(0.0011) 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: \$(0.0011) 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>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 (<del>Winter</del>Summer Period: <del>October</del>April – <del>March</del>September)</u>				
Forward Haul Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>1.782.54%</del>	<del>2.723.46%</del>	<del>3.314.31%</del>
Intrazone Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>
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: \$(0.0011) 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: \$(0.0011) 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 (WinterSummer Period: ~~OctoberApril~~ - ~~MarchSeptember~~)

Forward Haul Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>1.782.54%</del>	<del>2.723.46%</del>	<del>3.314.31%</del>
Intrazone Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>
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: \$(0.0011) 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: \$(0.0011) applicable to each Dth transported

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



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/ 2/ Maximum/Maximum Including Surcharges:</u>				
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/ 2/ Max/Max With Surcharges:</u>				
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/Summer Period: October/April – March/September)</u>				
Forward Haul Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>1.782.54%</del>	<del>2.723.46%</del>	<del>3.314.31%</del>
Intrazone Fuel, Used & Unaccounted For	<del>1.782.54%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>	<del>0.570.84%</del>
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 \$(0.0011) 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.

CONTESTING PARTY RATES 1/  
 CONTRACT STORAGE SERVICE (CSS)

	<u>Maximum</u>	<u>Minimum</u>
<u>Contract Storage (CSS)</u>		
Deliverability Charge (Dth)	\$ 1.597	\$ 0.000
Maximum Daily Volumetric Capacity Release Rates (Dth)	\$ .0525	\$ 0.000
Capacity Charge (Dth)	3.140¢	0.000¢
Maximum Daily Volumetric Capacity Release Rates (Dth)	.1032¢	0.000¢
Injection Charge (Dth)	.950¢	.950¢
Withdrawal Charge (Dth)	.950¢	.950¢
<u>Rates for Customers Electing FT-Small Shipper Charge</u>		
Deliverability Charge (Dth)	\$ .599	\$ 0.000
Capacity Charge (Dth)	3.140¢	0.000¢
Injection Charge (Dth)	.950¢	.950¢
Withdrawal Charge (Dth)	.950¢	.950¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection	<del>0.750</del> .55%	
Withdrawal	<del>0.750</del> .55%	

1/ 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.

SETTLEMENT RATES 1/  
 CONTRACT STORAGE SERVICE (CSS)

	<u>Maximum</u>	<u>Minimum</u>
<u>Contract Storage (CSS)</u>		
Deliverability Charge (Dth)	\$ 1.309	\$ 0.000
Maximum Daily Volumetric Capacity Release Rates (Dth)	\$ .0430	\$ 0.000
Capacity Charge (Dth)	2.570¢	0.000¢
Maximum Daily Volumetric Capacity Release Rates (Dth)	.0845¢	0.000¢
Injection Charge (Dth)	.940¢	.940¢
Withdrawal Charge (Dth)	.940¢	.940¢
<u>Rates for Customers Electing FT-Small Shipper Charge</u>		
Deliverability Charge (Dth)	\$ .491	\$ 0.000
Capacity Charge (Dth)	2.570¢	0.000¢
Injection Charge (Dth)	.940¢	.940¢
Withdrawal Charge (Dth)	.940¢	.940¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection		<del>0.750.55%</del>
Withdrawal		<del>0.750.55%</del>

1/ 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.

CONTESTING PARTY RATES 1/  
 INTERRUPTIBLE STORAGE SERVICE (ISS)

	<u>Maximum</u>	<u>Minimum</u>
<u>ISS Average Daily Balance Charge (Dth)</u>	8.390¢	.000¢
ISS Injection	.950¢	.950¢
ISS Withdrawal	.950¢	.950¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection	<del>0.75</del> <u>0.55</u> %	
Withdrawal	<del>0.75</del> <u>0.55</u> %	

1/ 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.

SETTLEMENT RATES 1/  
 INTERRUPTIBLE STORAGE SERVICE (ISS)

	<u>Maximum</u>	<u>Minimum</u>
<u>ISS Average Daily Balance Charge (Dth)</u>	7.750¢	.000¢
ISS Injection	.940¢	.940¢
ISS Withdrawal	.940¢	.940¢
<u>Fuel Retention (Annual Period: April – March)</u>		
Injection	<del>0.750.55%</del>	
Withdrawal	<del>0.750.55%</del>	

1/ 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.

TRANSPORTATION RATES FOR  
LIQUIDS AND LIQUEFIABLES 3/

Liquefiabiles 1/  
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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	<del>1.782.54%</del>
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	<del>1.782.54</del> %
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>	Last Summer Transportation Fuel Retention Rates For <u>April 2018 - September 2018</u>	Current Winter Transportation Fuel Retention Rates For <u>October 2018 - March 2019</u>	Proposed Summer Transportation Fuel Retention Rates For <u>April 2019 - September 2019 1/</u>
1	Zone 0 Delivery	0.97%	1.78%	2.54%
2	Zone 1 Delivery	0.97%	1.78%	2.54%
3	Zone 2 Delivery	1.20%	2.72%	3.46%
4	Zone 3 Delivery	1.38%	3.31%	4.31%
5	0-0 Intrazone	0.97%	1.78%	2.54%
6	1-1 Intrazone	0.09%	0.57%	0.84%
7	2-2 Intrazone	0.09%	0.57%	0.84%
8	3-3 Intrazone	0.09%	0.57%	0.84%
9	Backhaul	0.16%	0.16%	0.16%
10	Liquefiable Transportation	0.97%	1.78%	2.54%

	<u>Storage 2/</u>	Current Storage Fuel Retention Rates	Proposed Storage Fuel Retention Rates For <u>April 2019 - March 2020 2/</u>
11	Injection/Withdrawal	0.75%	0.55%

12 1 / See Schedules 2-13 and Schedules 18-20 for support

13 2/ See Schedules 14-17 and Schedule 21 for support

Southern Natural Gas Company, L.L.C.  
Zone Of Delivery Transportation Fuel Percentages  
For Summer Period April 2019 - September 2019

<u>Line No.</u>		<u>Zone 0 &amp; 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>Total</u>
1	Adjusted Zone Deliveries Net of Backhaul Volumes (Dth) 1/	51,868,541	122,717,520	268,924,094	443,510,156
2	Allocated Fuel To Be Recovered (Dth) 2/	765,158	2,973,925	8,944,821	12,683,904
3	Grossed Up Volumes Net of Backhaul Volumes (Dth)	52,633,700	125,691,445	277,868,915	456,194,060
4	Backhaul Volumes (Dth) 1/				<u>18,118,166</u>
5	Grossed Up Volumes Including Backhaul Volumes (Dth)				474,312,226
6	LAUF (Dth) 3/				<u>(1,039,694)</u>
7	Total Grossed Up Volumes (Dth)				473,272,532
8	Fuel % (Line 2 / Line 3)	1.45%	2.37%	3.22%	
9	Electric % 4/	1.31%	1.31%	1.31%	
10	LAUF % (Line 6 / Line 7)	<u>-0.22%</u>	<u>-0.22%</u>	<u>-0.22%</u>	
11	Total Transportation Retention %	2.54%	3.46%	4.31%	
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 Summer Period April 2019 - September 2019

<u>Line No.</u>		<u>Fuel Used From 4/1/18 - 9/30/18 1/</u> (dth)	<u>Under-Recovery From 4/1/18-9/30/18 2/</u> (dth)	<u>Storage Fuel Allocated To Transportation</u> (dth)		<u>Total</u> (dth)
1	Zone 0 & 1	4,166,497	2,341,181	34,930	3/	6,542,608
2	Zone 2	2,377,579	1,335,977	0		3,713,556
3	Zone 3	<u>1,554,344</u>	<u>873,396</u>	<u>0</u>		<u>2,427,740</u>
4	Total	8,098,420	4,550,554	34,930		<u>12,683,904</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 for support. Applying 50% of the total annual storage allocation to the summer season.

Southern Natural Gas Company, L.L.C.  
Allocation Of Fuel To Be Recovered To Zones  
For Summer Period April 2019 - September 2019

<u>Line No.</u>		<u>Zone 0 &amp; 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>Total</u>
	<u>Zones 0 &amp; 1</u>				
1	Adjusted Zone Deliveries (Dth) 1/	51,868,541	122,717,520	268,924,094	443,510,156
2	Zones 0, 1, 2 and 3 Combined Adjusted Deliveries (Dth)	443,510,156	443,510,156	443,510,156	
3	Percentage	11.70%	27.67%	60.64%	100.00%
4	Zones 0 & 1 Fuel Used & Allocated Under- Recovery Amt	<u>6,542,608</u>	<u>6,542,608</u>	<u>6,542,608</u>	
5	Zones 0 and 1 Fuel Allocation	765,158	1,810,314	3,967,136	6,542,608
	<u>Zone 2</u>				
6	Adjusted Zone Deliveries (Dth) 1/		122,717,520	268,924,094	391,641,614
7	Zones 2 and 3 Combined Adjusted Deliveries (Dth)		391,641,614	391,641,614	
8	Percentage		31.33%	68.67%	100.00%
9	Zone 2 Fuel Used & Allocated Under- Recovery Amt		<u>3,713,556</u>	<u>3,713,556</u>	
10	Zone 2 Fuel Allocation		1,163,611	2,549,945	3,713,556
	<u>Zone 3</u>				
11	Adjusted Zone Deliveries (Dth) 1/			268,924,094	268,924,094
12	Zone 3 Adjusted Deliveries (Dth)			268,924,094	
13	Percentage			100.00%	100.00%
14	Zone 3 Fuel Used & Allocated Under- Recovery Amt			<u>2,427,740</u>	
15	Zone 3 Fuel Allocation			2,427,740	2,427,740
16	Allocated Fuel To Each Zone	765,158	2,973,925	8,944,821	12,683,904
17	1/ See Schedules 11-13 for support.				

Southern Natural Gas Company, L.L.C.  
Transportation Over/Under Collection From April 2018 - September 2018

Line No.	PPA 1/	April 2018	May 2018	June 2018	July 2018	August 2018	September 2018	Add Over-recovery Balance At 9/30/17 7/	Total
<u>Transportation</u>									
1	Total Retained Fuel (dth) 2/	831,349	894,454	928,864	993,789	985,633	978,886	3,433,506	9,046,481
2	Fuel Used (dth) 3/	3,386	1,058,964	1,226,873	1,276,279	1,493,379	1,502,096	1,537,443	8,098,420
3	LAUF (dth) 4/	<u>90,887</u>	<u>(110,342)</u>	<u>(276,694)</u>	<u>(274,291)</u>	<u>(185,988)</u>	<u>(181,220)</u>	<u>(102,046)</u>	<u>(1,039,694)</u>
4	Net Over (Under) Collection (dth) (line 1 minus line 2 minus line 3)	(94,273)	(117,273)	(55,725)	(73,124)	(313,602)	(456,511)	3,433,506	1,987,755
5	Electric Costs 5/	\$1,886,243	\$2,114,842	\$3,675,642	\$3,908,637	\$4,193,099	\$2,733,134		\$18,511,597
6	SNG Index Price 6/	\$2.69	\$2.78	\$2.89	\$2.80	\$2.86	\$2.90		
7	Electric Costs in Dth (Fuel Use)	701,206	760,735	1,271,848	1,395,942	1,466,119	942,460		6,538,309
8	Total Transp. Over (Under) Collection With Electricity Included (dth) (line 4 minus line 7)	(94,273)	(818,479)	(816,460)	(1,344,972)	(1,709,544)	(1,801,362)	(1,398,971)	(4,550,554)

- 9 1/ Reflects PPA's booked after 2/15/18 applicable to period 04/17 through 09/17.  
10 2/ See Schedule 20 for support  
11 3/ See Schedule 6 for support  
12 4/ See Schedule 6 and Schedule 19 for support  
13 5/ See Schedule 18 for support  
14 6/ SNG Index Price calculated per the provisions in Section 14.1 (d) of Southern Natural's General Terms and Conditions  
15 7/ Over-recovery amount from RP18-444 2/15/18 filing, Schedules 3 and 5; included in total retained amount per 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>PPA 1/ (dth)</u>	<u>April 2018 (dth)</u>	<u>May 2018 (dth)</u>	<u>June 2018 (dth)</u>	<u>July 2018 (dth)</u>	<u>August 2018 (dth)</u>	<u>September 2018 (dth)</u>	<u>Total (dth)</u>
1	Compressor Fuel	3,386	993,502	1,156,822	1,206,668	1,423,942	1,437,404	1,476,023	7,697,747
2	Other Company Use 2/		<u>65,462</u>	<u>70,051</u>	<u>69,611</u>	<u>69,437</u>	<u>64,692</u>	<u>61,420</u>	<u>400,673</u>
3	Total	3,386	1,058,964	1,226,873	1,276,279	1,493,379	1,502,096	1,537,443	8,098,420 4/
4	LAUF 3/	90,887	(110,342)	(276,694)	(274,291)	(185,988)	(181,220)	(102,046)	(1,039,694)

5 1/ PPA's booked after 2/15/18 applicable to period of 4/17 through 9/17

6 2/ Includes mainly compressor and pipeline blowdowns

7 3/ See Schedule 19 for support

8 4/ See Schedule 7 for support

Southern Natural Gas Company, L.L.C.  
 Breakdown of Compressor Fuel and Other Company Used Gas by Zone  
 From April 1, 2018 through September 30, 2018

Appendix B  
 Schedule 7  
 (Page 1 of 2)

<u>Line No.</u>	<u>Zone</u>	<u>Compressor Location</u>	<u>Compressor Fuel</u>
1	0/1	Bay Springs	681,649
2	0/1	Bienville	95,823
3	0/1	Franklinton	187,593
4	0/1	Gwinville	540,171
5	0/1	Louisville	157,228
6	0/1	Onward	27,992
7	0/1	Pearl River	324,260
8	0/1	Pickens	110,536
9	0/1	Rankin	81,181
10	0/1	SESH: Delhi & Gwinville	1,158,348
11	0/1	Shadyside	96,333
12	0/1	Toca	223,890
13	0/1	White Castle	<u>273,219</u>
14		<b>Total Zone 0 &amp; 1</b>	<b>3,958,223</b>
15	2	Auburn	409,796
16	2	Bell Mills	85,271
17	2	Dearmanville	96,316
18	2	Duncanville	228
19	2	Elmore	59,165
20	2	Enterprise	850,029
21	2	Gallion	112,280
22	2	McConnells	1,683
23	2	Pell City	1,268
24	2	Providence	2,355
25	2	Reform	16,908
26	2	Selma	250,732
27	2	Tarrant	138,547
28	2	York	<u>261,616</u>
29		<b>Total Zone 2</b>	<b>2,286,194</b>
30	3	Albany	56,348
31	3	Elba Express	53,791
32	3	Ellerslie	82,769
33	3	Hall Gate	237,567
34	3	Hilliard	70,248
35	3	Holy Trinity	27,156
36	3	Ocmulgee	240,948
37	3	Pavo	31,750
38	3	Riceboro	34,811
39	3	Rome	3,990
40	3	Thomaston	441,613
41	3	Wrens	<u>172,339</u>
42		<b>Total Zone 3</b>	<b>1,453,330</b>
43		<b>Total Compressor Fuel</b>	<b>7,697,747</b>

Southern Natural Gas Company, L.L.C.  
 Breakdown of Compressor Fuel and Other Company Used Gas by Zone  
 From April 1, 2018 through September 30, 2018

<u>Line No.</u>	<u>Zone</u>	<u>Location</u>	<u>Other Company Used 1/</u>
1	0/1	Bay Springs	2,083
2	0/1	Bienville	54
3	0/1	Columbus, MS District	645
4	0/1	Franklinton	972
5	0/1	Gwinville	3,354
6	0/1	Heidelberg District	19,938
7	0/1	Mississippi Hub	70,449
8	0/1	Louisville	524
9	0/1	Nachitoches District	1,930
10	0/1	Onward	385
11	0/1	Pearl River	806
12	0/1	Pickens	1,019
13	0/1	Rankin	886
14	0/1	Shadyside	546
15	0/1	Toca	85
16	0/1	Toca District	8,100
17	0/1	West Monroe	32
18	0/1	White Castle	1,194
19	0/1	Fugitive Emissions	<u>95,272</u>
20		<b>Total Zone 0 &amp; 1</b>	<b>208,274</b>
21	2	Auburn	4,827
22	2	Bell Mills	171
23	2	Birmingham District	16,054
24	2	Dearmanville	3,511
25	2	Duncanville	54
26	2	Elmore	3,936
27	2	Enterprise	10,196
28	2	Gallion	3,728
29	2	McConnells	64
30	2	Montgomery District	378
31	2	Pell City	484
32	2	Providence	59
33	2	Reform	1,536
34	2	Selma	2,526
35	2	Tarrant	197
36	2	York	2,451
37	2	Fugitive Emissions	<u>41,213</u>
38		<b>Total Zone 2</b>	<b>91,385</b>
39	3	Albany	556
40	3	Brookman	225
41	3	Chattanooga	68
42	3	Ellerslie	6,358
43	3	Hall Gate	5,982
44	3	Hilliard	148
44	3	Holy Trinity	243
45	3	Ocmulgee	1,734
46	3	Pavo	101
47	3	Plant Brandy Branch	20,433
48	3	Riceboro	759
49	3	Rome	154
50	3	Savannah District	9,023
51	3	Thomaston	2,263
52	3	Thomasville District	8,185
53	3	Wrens	2,794
54	3	Fugitive Emissions	<u>41,988</u>
55		<b>Total Zone 3</b>	<b>101,014</b>
56		<b>Total Other Company Used</b>	<b>400,673</b>
57		Total Zone 0 & 1	4,166,497
58		Total Zone 2	2,377,579
59		Total Zone 3	<u>1,554,344</u>
60		<b>Total Compressor Fuel and Other Company Used Gas for all zones</b>	<b>8,098,420</b>

1/ Includes mainly compressor and pipeline blowdowns



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

<u>Line No.</u>		<u>April</u> <u>2018</u>	<u>May</u> <u>2018</u>	<u>June</u> <u>2018</u>	<u>July</u> <u>2018</u>	<u>August</u> <u>2018</u>	<u>September</u> <u>2018</u>	<u>Total</u>
1	Electric Compression Costs 1/	\$1,886,243	\$2,114,842	\$3,675,642	\$3,908,637	\$4,193,099	\$2,733,134	\$18,511,597
2	SNG Index Price 2/	\$2.69	\$2.78	\$2.89	\$2.80	\$2.86	\$2.90	
3	Electric Costs in Dth	701,206	760,735	1,271,848	1,395,942	1,466,119	942,460	6,538,309

Calculation of Fuel % To Cover Electric Compression Costs

4	Total Billed Throughput For April 2018 - September 2018 3/	517,220,408	dth
5	Less Backhauls For April 2018 - September 2018	(18,118,166)	dth
6	Total	499,102,242	dth
7	Electricity Costs In Dth	6,538,309	dth
8	Electric % (line 7 / line 6)	1.31%	

9 1/ See Schedule 18 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 Summer Period April 2019 - September 2019

Line No.

1	Fuel used in Zone 3 for April 2018 - September 2018	2,427,740 dth 1/
2	Zone 3 total deliveries for April 2018 - September 2018	322,756,087 dth 2/
	<u>Intrazone rate for 1-1, 2-2 and 3-3 transport</u>	
3	Fuel % (line 1 / line 2)	0.75%
4	Electric %	0.31% 3/
5	LAUF %	<u>-0.22%</u> 4/
6	Total intrazone rate for 1-1, 2-2 and 3-3 transport	0.84%

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 or under-recovery for the applicable six month period, 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	April 2018	8,982,014	2,050,095	14,984	3,200	6,913,735	787,441	7,701,176
2	May 2018	11,115,945	2,163,738	208,669	265	8,743,273	831,092	9,574,365
3	June 2018	10,268,886	2,143,478	114,815	3	8,010,590	823,310	8,833,900
4	July 2018	10,400,123	2,090,697	16,120	24,435	8,268,871	803,037	9,071,908
5	August 2018	8,739,846	1,714,431	3,995	49,270	6,972,150	658,513	7,630,663
6	September 2018	10,709,339	2,337,656	94,230	118,817	8,158,636	897,894	9,056,530
7	Total DTH	60,216,153	12,500,095	452,813	195,990	47,067,255	4,801,286	51,868,541

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 % (.0106/.0276) =

0.3841

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	April 2018	21,549,393	1,364,301	2,782,972	-	17,402,120	362,768	801,496	18,566,384
2	May 2018	21,563,472	42,542	2,330,792	6,985	19,183,153	11,312	671,268	19,865,733
3	June 2018	20,674,098	160,668	1,904,215	-	18,609,215	42,722	548,414	19,200,351
4	July 2018	22,141,149	140,926	1,809,959	-	20,190,264	37,472	521,268	20,749,004
5	August 2018	23,199,838	357,452	2,642,528	-	20,199,858	95,046	761,048	21,055,953
6	September 2018	25,120,218	118,843	2,461,909	-	22,539,466	31,600	709,030	23,280,096
7	Total DTH	134,248,168	2,184,732	13,932,375	6,985	118,124,076	580,920	4,012,524	122,717,520

- 8 1/ Total 0-2 fuel % less total 0-0 fuel % divided by Total 0-2 fuel % (.0346-.0254) / .0346 = 0.2659  
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 % (.0106/.0368)= 0.2880  
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	April 2018	45,229,382	1,922,247	2,616,240	3,260,586	37,430,309	789,467	612,200	38,831,976
2	May 2018	51,384,998	924,133	7,199,360	3,233,812	40,027,693	379,541	1,684,650	42,091,885
3	June 2018	52,813,147	1,110,126	5,643,000	2,791,148	43,268,873	455,929	1,320,462	45,045,264
4	July 2018	57,846,338	1,304,038	7,085,324	2,778,849	46,678,127	535,568	1,657,966	48,871,661
5	August 2018	58,477,042	1,373,140	7,935,658	2,826,710	46,341,534	563,949	1,856,944	48,762,427
6	September 2018	57,005,180	1,775,667	10,274,980	2,767,263	42,187,270	729,266	2,404,345	45,320,882
7	Total DTH	322,756,087	8,409,351	40,754,562	17,658,368	255,933,806	3,453,720	9,536,568	268,924,094

- 8 1/ Total 0-3 fuel % less total 0-0 fuel % divided by Total 0-3 fuel % (.0431 -.0254)/.0431 = 0.4107  
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 % (.0106/.0453) = 0.2340  
11 This ratio applied to 3-3 volumes in column 4 to get weighted volumes in column 8

Southern Natural Gas Company, L.L.C.  
Determination of Storage Fuel Retention Percentage

Line No.

1	Storage fuel used for 12 months ending 12/18 1/	644,881 dth
2	Storage over-collection from 1/18 -12/18 2/	<u>(119,627) dth</u>
3	Total storage fuel	525,254 dth
4	Less allocation to transportation services 3/	<u>(69,859) dth</u>
5	Storage fuel to be collected from storage retention rate	455,395
6	CSS & ISS injections/withdrawals for 12 months ending 12/18 4/	82,666,293 dth
7	Total (line 5 + line 6)	83,121,688
8	Storage Fuel Retention Percentage (line 5 / line 7)	0.55%

9 1/ See Schedule 16 for support

10 2/ See Schedule 15 , line 3 for support

11 3/ Based on total storage fuel times percentage derived by dividing SNG retained storage capacity of 8 bcf

12 by the total CSS and retained capacity of 60 bcf. 50% applied to summer season (34,930 dth) and 50% applied to winter season (34,929 dth).

13 4/ See Schedule 17 for support

Southern Natural Gas Company, L.L.C.  
Storage Over/Under Collection From January 2018 - December 2018

Line No.	Jan 2018	Feb 2018	Mar 2018	April 2018	May 2018	June 2018	July 2018	Aug 2018	Sept 2018	Oct 2018	Nov 2018	Dec 2018	Add Over-recovery at 12/31/17 4/	
<u>Storage</u>														
1	186,061	105,303	92,820	41,053	41,216	37,713	28,611	19,471	29,615	34,604	62,411	71,869	13,761	764,508
2	<u>98,300</u>	<u>101,347</u>	<u>80,922</u>	<u>71,331</u>	<u>104,642</u>	<u>85,157</u>	<u>42,860</u>	<u>32,683</u>	<u>40,169</u>	<u>(188,661)</u>	<u>3/ 72,117</u>	<u>104,014</u>	-	<u>644,881</u>
3	87,761	3,956	11,898	(30,278)	(63,426)	(47,444)	(14,249)	(13,212)	(10,554)	223,265	(9,706)	(32,145)	13,761	<b>119,627</b>
(line 1 minus line 2)														

4 1/ See Schedule 21 for support

5 2/ See Schedule 16 for support

6 3/ Includes annual true-up from Bear Creek

7 4/ Under-recovery amount from RP18-444 2/15/18 filing, Schedule 15; included in total retained amount per 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.  
Storage Fuel Incurred In 2018

<u>Line No.</u>	<u>Month</u>	<u>Muldon</u> (dth)	<u>Bear Creek 1/</u> (dth)	<u>Total</u> (dth)
1	Jan 2018	28,779	69,521	98,300
2	Feb 2018	58,215	43,132	101,347
3	Mar 2018	50,738	30,184	80,922
4	Apr 2018	31,814	39,517	71,331
5	May 2018	42,318	62,324	104,642
6	June 2018	34,780	50,377	85,157
7	July 2018	14,226	28,634	42,860
8	Aug 2018	10,355	22,328	32,683
9	Sept 2018	17,099	23,070	40,169
10	Oct 2018	16,912	(205,573) 2/	(188,661)
11	Nov 2018	33,899	38,218	72,117
12	Dec 2018	<u>51,063</u>	<u>52,951</u>	<u>104,014</u>
13	Total	390,198	254,683	644,881

1/ Reflects just Southern Natural's share of Bear Creek fuel used

2/ Includes annual true-up from Bear Creek

Southern Natural Gas Company, L.L.C.  
CSS and ISS Volumes

<u>Line No.</u>	<u>Month</u>	<u>CSS Injections &amp; Withdrawals</u>	<u>ISS Injections &amp; Withdrawals</u>	<u>Total</u>
1	Jan 2018	13,984,933	2,335,242	16,320,175
2	Feb 2018	8,056,558	1,182,958	9,239,516
3	Mar 2018	7,828,793	318,161	8,146,954
4	Apr 2018	5,371,949	111,588	5,483,537
5	May 2018	5,416,208	91,865	5,508,073
6	June 2018	4,958,317	78,023	5,036,340
7	July 2018	3,719,980	103,260	3,823,240
8	Aug 2018	2,566,648	36,049	2,602,697
9	Sept 2018	3,782,728	172,285	3,955,013
10	Oct 2018	4,372,300	258,436	4,630,736
11	Nov 2018	7,973,463	354,755	8,328,218
12	Dec 2018	<u>8,795,407</u>	<u>796,387</u>	<u>9,591,794</u>
13	Total	76,827,284	5,839,009	82,666,293

Appendix B  
Schedule 18

Southern Natural Gas Company, L.L.C.  
Electricity Costs By Compressor Station  
From April 1, 2018 Through September 30, 2018

<u>Line No.</u>	<u>Compressor Station</u>	<u>April-18</u>	<u>May-18</u>	<u>June-18</u>	<u>July-18</u>	<u>August-18</u>	<u>September-18</u>	<u>Total</u>
1	Auburn	\$417,879	\$424,763	\$667,433	\$653,965	\$653,560	\$42,661	\$2,860,260
2	Brookman	\$5,194	\$23,972	\$129,618	\$139,697	\$163,125	\$147,903	\$609,509
3	Ellerslie	\$43,174	\$97,580	\$170,935	\$223,851	\$250,942	\$210,951	\$997,431
4	Elmore	\$243,042	\$311,510	\$544,466	\$632,896	\$729,053	\$610,320	\$3,071,287
5	Gallion	\$304,317	\$373,521	\$644,243	\$716,780	\$775,713	\$188,762	\$3,003,336
6	Pell City	\$3,258	\$2,980	\$3,051	\$20,955	\$16,280	\$66,688	\$113,213
7	Selma	\$423,331	\$431,856	\$702,688	\$717,117	\$756,526	\$701,214	\$3,732,732
8	Wrens	\$89,551	\$120,283	\$108,267	\$114,261	\$102,016	\$73,193	\$607,571
9	York	\$356,497	\$328,378	\$704,941	\$689,115	\$745,885	\$691,442	\$3,516,257
10	Total	\$1,886,243	\$2,114,842	\$3,675,642	\$3,908,637	\$4,193,099	\$2,733,134	\$18,511,597

Southern Natural Gas Company, L.L.C.  
Support For LAUF Calculation  
April 2018 - September 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	April 2018	77,419,339	77,529,682	(110,342)
2	May 2018	88,488,192	88,764,887	(276,694)
3	June 2018	93,366,050	93,640,341	(274,291)
4	July 2018	98,540,533	98,726,521	(185,988)
5	August 2018	98,796,207	98,977,427	(181,220)
6	September 2018	99,524,897	99,626,943	(102,046)

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  
April-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	130	0.0000	0
3	Zone 1	3,070	0.0000	0
4	Zone 2	1,364,301	0.0023 2/	3,138
5	Zone 3	<u>1,922,247</u>	0.0041 2/	<u>7,881</u>
6		3,289,748		11,019
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,638,722	0.0097	25,581
9	Zone 1	1,622,647	0.0009	1,458
10	Zone 2	2,744,991	0.0009	2,471
11	Zone 3	<u>2,545,485</u>	0.0009	<u>2,291</u>
12		9,551,845		31,801
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,600,635	0.0097	25,212
15	Zone 1	1,261,610	0.0097	12,218
16	Zone 2	17,698,035	0.0120	212,401
17	Zone 3	<u>39,440,890</u>	0.0138	<u>533,300</u>
18		61,001,170		783,131
19	Backhaul Transportation Receipts	3,373,936	0.0016	5,398
20	Total Transportation	77,216,699		831,349

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 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  
May-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	0	0.0000	0
3	Zone 1	265	0.0000	0
4	Zone 2	42,542	0.0023 2/	98
5	Zone 3	<u>924,133</u>	0.0041 2/	<u>3,789</u>
6		966,940		3,887
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,417,746	0.0097	23,434
9	Zone 1	1,808,013	0.0009	1,621
10	Zone 2	2,832,091	0.0009	2,549
11	Zone 3	<u>7,190,406</u>	0.0009	<u>6,471</u>
12		14,248,256		34,075
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	3,172,672	0.0097	36,033
15	Zone 1	733,811	0.0097	7,092
16	Zone 2	20,457,361	0.0120	245,464
17	Zone 3	<u>41,930,330</u>	0.0138	<u>562,356</u>
18		66,294,174		850,945
19	Backhaul Transportation Receipts	3,467,068	0.0016	5,547
20	Total Transportation	84,976,438		894,454

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 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  
June-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	0	0.0000	0
3	Zone 1	3	0.0000	0
4	Zone 2	160,668	0.0023 2/	370
5	Zone 3	<u>1,110,126</u>	0.0041 2/	<u>4,551</u>
6		1,270,797		4,921
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	2,333,687	0.0097	22,616
9	Zone 1	1,709,064	0.0009	1,536
10	Zone 2	2,696,543	0.0009	2,426
11	Zone 3	<u>5,648,664</u>	0.0009	<u>5,084</u>
12		12,387,958		31,662
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	3,141,863	0.0097	30,448
15	Zone 1	864,322	0.0097	8,371
16	Zone 2	19,824,519	0.0120	237,872
17	Zone 3	<u>45,817,622</u>	0.0138	<u>610,931</u>
18		69,648,326		887,622
19	Backhaul Transportation Receipts	2,911,780	0.0016	4,659
20	Total Transportation	86,218,861		928,864

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 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  
July-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	22,998	0.0000	0
3	Zone 1	1,437	0.0000	0
4	Zone 2	140,926	0.0023 2/	324
5	Zone 3	<u>1,304,038</u>	0.0041 2/	<u>5,347</u>
6		1,469,399		5,671
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	3,239,446	0.0097	31,401
9	Zone 1	1,700,150	0.0009	1,525
10	Zone 2	2,865,861	0.0009	2,579
11	Zone 3	<u>7,081,136</u>	0.0009	<u>6,373</u>
12		14,886,593		41,878
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,713,157	0.0097	26,300
15	Zone 1	939,637	0.0097	9,085
16	Zone 2	20,729,252	0.0120	248,726
17	Zone 3	<u>49,141,711</u>	0.0138	<u>657,654</u>
18		73,523,757		941,765
19	Backhaul Transportation Receipts	2,797,166	0.0016	4,475
20	Total Transportation	92,676,915		993,789

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 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  
 August-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	9	0.0000	0
3	Zone 1	49,261	0.0000	0
4	Zone 2	357,452	0.0023 2/	822
5	Zone 3	<u>1,373,140</u>	0.0041 2/	<u>5,630</u>
6		1,779,862		6,452
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	3,533,674	0.0097	34,256
9	Zone 1	1,457,738	0.0009	1,307
10	Zone 2	2,838,410	0.0009	2,554
11	Zone 3	<u>7,923,109</u>	0.0009	<u>7,131</u>
12		15,752,931		45,248
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,470,127	0.0097	23,946
15	Zone 1	557,759	0.0097	5,391
16	Zone 2	20,423,298	0.0120	245,067
17	Zone 3	<u>49,492,933</u>	0.0138	<u>654,971</u>
18		72,944,117		929,375
19	Backhaul Transportation Receipts	2,848,939	0.0016	4,558
20	Total Transportation	93,325,849		985,633

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 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  
September-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	101,724	0.0000	0
3	Zone 1	17,093	0.0000	0
4	Zone 2	118,843	0.0023 2/	273
5	Zone 3	<u>1,775,667</u>	0.0041 2/	<u>7,280</u>
6		2,013,327		7,553
7	Intra-Zone Transportation Receipts			
8	Zone 0 3/	3,521,195	0.0097	34,143
9	Zone 1	1,805,051	0.0009	1,620
10	Zone 2	2,647,557	0.0009	2,383
11	Zone 3	<u>10,070,771</u>	0.0009	<u>9,063</u>
12		18,044,574		47,209
13	Inter-Zone Transportation Receipts			
14	Zone 0 3/	2,707,973	0.0097	26,258
15	Zone 1	833,805	0.0097	8,063
16	Zone 2	23,127,439	0.0120	277,512
17	Zone 3	<u>46,811,892</u>	0.0138	<u>607,112</u>
18		73,481,109		918,945
19	Backhaul Transportation Receipts	3,236,602	0.0016	5,179
20	Total Transportation	96,775,612		978,886

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 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.  
Storage Fuel Retained

		<u>Total of Injections/ Withdrawals</u> (dth)	<u>Storage Fuel Retention Rate</u>	<u>Total Storage Fuel Retained 1/</u> (dth)
1	January 2018	16,320,175	0.0114	186,061
2	February 2018	9,239,516	0.0114	105,303
3	March 2018	8,146,954	0.0114	92,820
4	April 2018	5,483,537	0.0075	41,053
5	May 2018	5,508,073	0.0075	41,216
6	June 2018	5,036,340	0.0075	37,713
7	July 2018	3,823,240	0.0075	28,611
8	August 2018	2,602,697	0.0075	19,471
9	September 2018	3,955,013	0.0075	29,615
10	October 2018	4,630,736	0.0075	34,604
11	November 2018	8,328,218	0.0075	62,411
12	December 2018	9,591,794	0.0075	71,869

13 1/ Total fuel retained for each line sometimes does not equal exactly receipt volume x fuel rate  
14 due to rounding. Actual fuel retained is calculated on individual transactions. All the fuel  
15 retained was at the applicable maximum retention percentages under the tariff (i.e. there were  
16 no fuel discounts).

Southern Natural Gas Company, L.L.C.  
Summary of Fuel Retained Vs. Fuel Consumed  
Relating To The Magnolia Expansion

Line No.

- 1 Per the 7/15/08 FERC order in Docket No. CP08-5-000, Southern Natural is to delineate  
2 the fuel used and the LAUF associated with the Magnolia expansion in its fuel tracker filings.

	<u>Month</u>	Magnolia Fuel <u>Retained 1/</u> (dth)	Magnolia Fuel <u>Used 2/</u> (dth)	<u>LAUF 3/</u> (dth)	<u>Overcollection/ (Undercollection)</u> (dth)
3	1/18	63	0	(7)	70
4	2/18	0	0	0	0
5	3/18	66	0	(7)	73
6	4/18	0	0	0	0
7	5/18	0	0	0	0
8	6/18	0	0	0	0
9	7/18	0	0	0	0
10	8/18	0	0	0	0
11	9/18	0	0	0	0
12	10/18	0	0	0	0
13	11/18	39	0	(11)	50
14	12/18	88	0	(25)	<u>113</u>
15	Total				306

- 16 1/ Fuel retained at the 3-3 intrazone rate  
17 2/ Based on pro-rata allocation of fuel consumed at the Riceboro compressor station  
18 3/ Used LAUF percentages reported in each SNG Fuel Tracker Filing  
(-.04% for 10/17 - 3/18), (-.28% for 4/18 - 9/18), and (-.16% for 10/18 - 3/19)