

Columbia Gulf Transmission Company  
FERC NGA Gas Tariff  
Original Volume No. 1.1

Section 2.3  
Non-Conforming Svc Agmts  
Version 2.0.0

Non-Conforming Service Agreement  
No. 158017

Antero Resources Corporation

Agreement Effective Date: November 1, 2014

Issued: October 16, 2014

Effective: November 1, 2014

Service Agreement No. 158017  
Revision No. 0

### FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 16<sup>th</sup> day of October, 2014, by and between COLUMBIA GULF TRANSMISSION, LLC ("Transporter") and ANTERO RESOURCES CORPORATION ("Shipper").

WITNESSETH: That in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Section 1. Service to be Rendered. Transporter shall perform and Shipper shall receive the service in accordance with the provisions of the effective FTS-1 Rate Schedule and applicable General Terms and Conditions of Transporter's FERC Gas Tariff, Third Revised Volume No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission herein contained. The maximum obligations of Transporter to deliver gas hereunder to or for Shipper, the designation of the points of delivery at which Transporter shall deliver or cause gas to be delivered to or for Shipper, and the points of receipt at which the Shipper shall deliver or cause gas to be delivered, are specified in Appendix A, as the same may be amended from time to time by agreement between Shipper and Transporter, or in accordance with the rules and regulations of the Commission.

Section 2. Term. Service under this Agreement shall commence as of November 1, 2014, and shall continue in full force and effect until March 31, 2025. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

Shipper shall have a one-time right to extend its Service Agreement for the Transportation Demand in effect as of June 30, 2023 (267,000 Dth/day) for an additional five (5) years at the then effective reservation rate of \$3.6500 per Dth per month. Shipper must notify Transporter in writing no later than January 1, 2023 in order to exercise this right.

Section 3. Rates. Shipper, having been apprised of the availability of a maximum recourse reservation rate for service under this Agreement, has elected to pay a discounted reservation rate, calculated as set forth below:

The lower of \$3.6500 per Dth per month or the then-effective maximum monthly recourse reservation rate for service under Columbia Gulf Transmission, LLC's ("Columbia Gulf") Rate Schedule FTS-1. Shipper will pay the commodity

charges and surcharges applicable to Columbia Gulf Rate Schedule FTS-1 and all maximum applicable retainage as set forth in the Columbia Gulf Tariff.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Antero Resources Corporation, 1615 Wynkoop Street, Denver, CO 80202 Attention: Sherry Anderson, until changed by either party by written notice.

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): N/A.

Section 6. Credit Annex. The credit requirements appended hereto as Attachment A are incorporated herein by reference with full force and effect and are made a part of this Service Agreement as though restated herein verbatim.

Section 7. Delivery Point Shift Rights at Sabine Henry Hub. With respect to each increment of capacity identified in Appendix A, at any time and from time to time during the term of this Service Agreement pursuant to which Shipper has subscribed the increment of capacity, Shipper may request to shift some or all of its delivery point quantities to the Sabine Henry Hub Meter No. 519 ("Hub"). Within 45 days of receiving Shipper's request, Transporter will determine and communicate to Shipper the incremental cost, terms, and conditions, if any, necessary to meet Shipper's request for additional Hub capacity. Upon mutual agreement of Transporter and Shipper, Transporter will implement a prearranged agreement or similar mechanism in which to effectuate the requested Hub capacity, consistent with Transporter's Tariff.

ANTERO RESOURCES  
CORPORATION

COLUMBIA GULF TRANSMISSION, LLC

By Mark S. Maus

By Quillert

Title Vice President

Title VP, COMMERCIAL OPERATIONS

Date 10-16-2014

Date 10-20-2014

Revision No. 0

Appendix A to Service Agreement No. 158017  
Under Rate Schedule FTS-1  
between Columbia Gulf Transmission, LLC ("Transporter")  
and Antero Resources Corporation ("Shipper")

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
November 1, 2014	November 30, 2014	217,000	1/1-12/31
December 1, 2014	December 31, 2014	227,000	1/1-12/31
January 1, 2015	January 31, 2014	237,000	1/1-12/31
February 1, 2015	February 28, 2015	247,000	1/1-12/31
March 1, 2015	March 31, 2015	257,000	1/1-12/31
April 1, 2015	June 30, 2023	267,000	1/1-12/31
July 1, 2023	September 30, 2023	237,000	1/1-12/31
October 1, 2023	December 31, 2023	207,000	1/1-12/31
January 1, 2024	March 31, 2024	177,000	1/1-12/31
April 1, 2024	October 31, 2024	167,000	1/1-12/31
November 1, 2024	November 30, 2024	50,000	1/1-12/31
December 1, 2024	December 31, 2024	40,000	1/1-12/31
January 1, 2025	January 31, 2025	30,000	1/1-12/31
February 1, 2025	February 28, 2025	20,000	1/1-12/31
March 1, 2025	March 31, 2025	10,000	1/1-12/31

Primary Receipt Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2014	November 30, 2014	801	Gulf-Leach	217,000	1/1-12/31
December 1, 2014	December 31, 2014	801	Gulf-Leach	227,000	1/1-12/31
January 1, 2015	January 31, 2014	801	Gulf-Leach	237,000	1/1-12/31
February 1, 2015	February 28, 2015	801	Gulf-Leach	247,000	1/1-12/31
March 1, 2015	March 31, 2015	801	Gulf-Leach	257,000	1/1-12/31
April 1, 2015	June 30, 2023	801	Gulf-Leach	267,000	1/1-12/31
July 1, 2023	September 30, 2023	801	Gulf-Leach	237,000	1/1-12/31
October 1, 2023	December 31, 2023	801	Gulf-Leach	207,000	1/1-12/31
January 1, 2024	March 31, 2024	801	Gulf-Leach	177,000	1/1-12/31
April 1, 2024	October 31, 2024	801	Gulf-Leach	167,000	1/1-12/31

November 1, 2024	November 30, 2024	801	Gulf-Leach	50,000	1/1-12/31
December 1, 2024	December 31, 2024	801	Gulf-Leach	40,000	1/1-12/31
January 1, 2025	January 31, 2025	801	Gulf-Leach	30,000	1/1-12/31
February 1, 2025	February 28, 2025	801	Gulf-Leach	20,000	1/1-12/31
March 1, 2025	March 31, 2025	801	Gulf-Leach	10,000	1/1-12/31

### Primary Delivery Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2014	November 30, 2014	519	Sabine-Henry Hub	102,000	1/1-12/31
November 1, 2014	November 30, 2014	4078	Sonat-Shadyside	22,000	1/1-12/31
November 1, 2014	November 30, 2014	4118	Florida Gas	50,000	1/1-12/31
November 1, 2014	November 30, 2014	2700010	CGT-Rayne	43,000	1/1-12/31
December 1, 2014	December 31, 2014	519	Sabine-Henry Hub	102,000	1/1-12/31
December 1, 2014	December 31, 2014	4078	Sonat-Shadyside	27,000	1/1-12/31
December 1, 2014	December 31, 2014	4118	Florida Gas	70,000	1/1-12/31
December 1, 2014	December 31, 2014	2700010	CGT-Rayne	28,000	1/1-12/31
January 1, 2015	January 31, 2015	519	Sabine-Henry Hub	102,000	1/1-12/31
January 1, 2015	January 31, 2015	4078	Sonat-Shadyside	37,000	1/1-12/31
January 1, 2015	January 31, 2015	4118	Florida Gas	70,000	1/1-12/31
January 1, 2015	January 31, 2015	2700010	CGT-Rayne	28,000	1/1-12/31
February 1, 2015	February 28, 2015	519	Sabine-Henry Hub	102,000	1/1-12/31
February 1, 2015	February 28, 2015	4078	Sonat-Shadyside	47,000	1/1-12/31
February 1, 2015	February 28, 2015	4118	Florida Gas	70,000	1/1-12/31
February 1, 2015	February 28, 2015	2700010	CGT-Rayne	28,000	1/1-12/31
March 1, 2015	March 31, 2015	519	Sabine-Henry Hub	102,000	1/1-12/31
March 1, 2015	March 31, 2015	4078	Sonat-Shadyside	57,000	1/1-12/31
March 1, 2015	March 31, 2015	4118	Florida Gas	70,000	1/1-12/31
March 1, 2015	March 31, 2015	2700010	CGT-Rayne	28,000	1/1-12/31
April 1, 2015	April 30, 2015	519	Sabine-Henry Hub	102,000	1/1-12/31

			Sonat-		1/1-12/31
April 1, 2015	April 30, 2015	4078	Shadyside	67,000	
April 1, 2015	April 30, 2015	4118	Florida Gas	70,000	1/1-12/31
April 1, 2015	April 30, 2015	2700010	CGT-Rayne	28,000	1/1-12/31
	October 31, 2015		Sabine-Henry		1/1-12/31
May 1, 2015		519	Hub	102,000	
	October 31, 2015		Sonat-		1/1-12/31
May 1, 2015		4078	Shadyside	67,000	
	October 31, 2015		Florida Gas	70,000	1/1-12/31
May 1, 2015		4118			
	October 31, 2015		CGT-Rayne	28,000	1/1-12/31
May 1, 2015		2700010	Sabine-Henry		1/1-12/31
November 1, 2015	June 30, 2023	519	Hub	130,000	
			Sonat-		1/1-12/31
November 1, 2015	June 30, 2023	4078	Shadyside	67,000	
November 1, 2015	June 30, 2023	4118	Florida Gas	70,000	1/1-12/31
	September 30, 2023		Sabine-Henry		1/1-12/31
July 1, 2023		519	Hub	130,000	
	September 30, 2023		Sonat-		1/1-12/31
July 1, 2023		4078	Shadyside	67,000	
	September 30, 2023		Florida Gas	40,000	1/1-12/31
July 1, 2023		4118			
October 1, 2023	December 31, 2023	519	Sabine-Henry		1/1-12/31
			Hub	130,000	
October 1, 2023	December 31, 2023	4078	Sonat-		1/1-12/31
			Shadyside	67,000	
October 1, 2023	December 31, 2023	4118	Florida Gas	10,000	1/1-12/31
			Sabine-Henry		1/1-12/31
January 1, 2024	March 31, 2024	519	Hub	130,000	
			Sonat-		1/1-12/31
January 1, 2024	March 31, 2024	4078	Shadyside	47,000	
	October 31, 2024		Sabine-Henry		1/1-12/31
April 1, 2024		519	Hub	130,000	
	October 31, 2024		Sonat-		1/1-12/31
April 1, 2024		4078	Shadyside	37,000	
	November 30, 2024		Sabine-Henry		1/1-12/31
November 1, 2025		519	Hub	50,000	
	December 31, 2024		Sabine-Henry		1/1-12/31
December 1, 2024		519	Hub	40,000	
	January 31, 2025		Sabine-Henry		1/1-12/31
January 1, 2025		519	Hub	30,000	
	February 28, 2025		Sabine-Henry		1/1-12/31
February 1, 2025		519	Hub	20,000	
	March 31, 2025		Sabine-Henry		1/1-12/31
March 1, 2025		519	Hub	10,000	



The Master List of Interconnects ("MLI") as defined in Section 1 of the General Terms and Conditions of Transporter's Tariff is incorporated herein by reference for purposes of listing valid secondary interruptible receipt points and delivery points.

Transporter and Shipper have mutually agreed to the following maximum or minimum pressure commitments:

     Yes   X   No (Check applicable blank) Transporter and Shipper have mutually agreed to a Regulatory Restructuring Reduction Option pursuant to Section 33 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

  X   Yes      No (Check applicable blank) Shipper has a contractual right of first refusal upon the end of shipper's one-time subsequent extension (if exercised) equivalent to the right of first refusal set forth from time to time in Section 4 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

     Yes   X   No (Check applicable blank) This Service Agreement covers interim capacity sold pursuant to the provisions of General Terms and Conditions Section 4. Right of first refusal rights, if any, applicable to this interim capacity are limited as provided for in General Terms and Conditions Section 4.

ANTERO RESOURCES  
CORPORATION

COLUMBIA GULF TRANSMISSION, LLC

By Mark D. Maun

By Jan R. [Signature]

Title Vice President

Title VP, COMMERCIAL OPERATIONS

Date 10-16-2014

Date 10-20-2014