

Columbia Gulf Transmission, LLC  
FERC NGA Gas Tariff  
Baseline Tariffs  
Proposed Effective Date: February 28, 2019  
Service Agreement No. 198840 – Antero Resources Corporation  
Option Code A

Service Agreement No. 198840  
Revision No. 0

### FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 5<sup>th</sup> day of JANUARY 2018 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No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission herein contained.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. This Agreement shall be effective as of the later of November 1, 2018, or the date that all of Transporter's Gulf XPress and Mountaineer XPress Project facilities necessary to provide firm transportation service to Shipper have been commissioned, tested, and are ready for service as determined in Transporter's discretion and shall remain in full force and effect for a term of fifteen (15) years ("Initial Term"). 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.

At the end of the Initial Term, Shipper shall have the right to extend the Service Agreement for up to two successive five (5) year extension terms (each an "Extended Term"), exercisable no later than twelve months prior to the expiration of the Initial Term and first Extended Term, if applicable. The first Extended Term must be for an MDQ of 183,256 Dth/d and the MDQ for the second Extended Term, if applicable, will be for an amount specified by Shipper up to, but not exceeding, the MDQ for the first Extended Term. Any Extended Term will be at the same rates and commercial terms as specified for the Initial Term.

Section 3. Rates. Shipper shall pay the charges and furnish the Retainage as described in the above-referenced Rate Schedule, unless otherwise agreed to by the parties in writing and specified as an amendment to this Service Agreement. Transporter may agree to discount its rate to Shipper below Transporter's maximum rate, but not less than Transporter's minimum rate.

Such discounted rate may apply to: (a) specified quantities (contract demand or commodity quantities); (b) specified quantities above or below a certain level or all quantities if quantities exceed a certain level; (c) quantities during specified time periods; (d) quantities at specified points, locations, or other defined geographical areas; (e) that a specified discounted rate will apply in a specified relationship to the quantities actually transported (i.e., that the reservation charge will be adjusted in a specified relationship to quantities actually transported); and (f) production and/or reserves committed by the Shipper.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Houston, Texas 77002, Attention: Customer Services and notices to Shipper shall be addressed to it at Antero Resources Corporation, 1615 Wynkoop, Denver, CO 80202, Attention: Chief Administrative Officer & Regional Vice President, 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.

ANTERO RESOURCES CORPORATION COLUMBIA GULF TRANSMISSION, LLC

By Mark S. Maury  
Title Sr. Vice President  
Date 12-21-2017

By R. Mahan  
Title Russell A. Mahan  
Vice President  
Date 1/5/18

By James R. Eckert  
Title James R. Eckert  
Vice President  
Date 1/5/18

Legal  
EB  
1-8-18  
Date

Revision No.

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

Transportation Demand

<u>Begin</u> <u>Date</u>	<u>End</u> <u>Date</u>	<u>Transportation</u> <u>Demand Dth/day</u>	<u>Recurrence</u> <u>Interval</u>
1/	1/	183,256	1/1-12/31

Primary Receipt Points

<u>Begin</u> <u>Date</u>	<u>End</u> <u>Date</u>	<u>Measuring</u> <u>Point No.</u>	<u>Measuring</u> <u>Point Name</u>	<u>Maximum Daily Quantity</u> <u>(Dth/day)</u>	<u>Recurrence</u> <u>Interval</u>
1/	1/	801	Leach	183,256	1/1-12/31

Primary Delivery Points

<u>Begin</u> <u>Date</u>	<u>End</u> <u>Date</u>	<u>Measuring</u> <u>Point No.</u>	<u>Measuring</u> <u>Point Name</u>	<u>Maximum Daily Quantity</u> <u>(Dth/day)</u>	<u>Recurrence</u> <u>Interval</u>
1/	1/	2700010	Rayne	183,256	1/1-12/31

1/ Per Section 2 of the Service Agreement.

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

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☐ Yes ☒ 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.

☐ Yes ☒ No (Check applicable blank) Shipper has a contractual right of first refusal 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 Michael D. Maun  
Title Sr. Vice President  
Date 12-21-2017

By R. Mahan  
Title Russell A. Mahan  
Vice President  
Date 1/5/18

By J. Eckert  
Title James R. Eckert  
Vice President  
Date 1/5/18

Legal  
RIB  
1-8-18  
Date

December 21, 2017

Antero Resources Corporation  
1615 Wynkoop  
Denver, CO 80202  
Attention: Steve Woodward

RE: FTS-1 Service Agreement No. 198840

Dear Steve:

This Negotiated Rate Letter Agreement between Columbia Gulf Transmission, LLC ("Transporter" or "CGT") and Antero Resources Corporation ("Shipper"), shall set forth the applicable rates, calculations thereof, and other rate provisions associated with the transportation service provided by Transporter to Shipper pursuant to the above-referenced Service Agreement. Transporter and Shipper may be referred to individually as a "Party" or collectively as the "Parties".

Shipper and Transporter hereby agree:

1. The "Negotiated Reservation Rates" during the Initial Term for the transportation service provided shall be those rates and terms agreed upon as set forth in Attachment 1 hereto.



Accepted and agreed to this 5<sup>th</sup> day of JANUARY 2018

Antero Resources Corporation

By: Marc S. Maury

Title: Sr. Vice President

Date: 12-21-2017

Columbia Gulf Transmission, LLC

By: R. Mahan

Title: Russell A. Mahan  
Vice President

Date: 1/5/18

By: James R. Eckert

Title: James R. Eckert  
Vice President

Date: 1/5/18

Legal  
RB  
1-8-18  
Date

# ATTACHMENT 1

## NEGOTIATED RESERVATION RATES

<b>Primary Receipt Point(s)*</b>	<b>Primary Delivery Point(s)*</b>	<b>Transportation Demand (Dth/day)</b>	<b>Term</b>	<b>Daily Demand Rate**</b>	<b>Daily Commodity Rate**</b>	<b>Rate Schedule</b>
Leach (meter no. 801)	Rayne (meter no. 2700010)	183,256 Dth/day	15 years from Actual In-Service Date plus any Extended Term pursuant to FTS-1 Service Agreement No. 198840	\$0.25	Maximum applicable	FTS-1

\* Shipper shall have full secondary receipt and delivery point access, pursuant to the terms and conditions of CGT's FERC Gas Tariff, at no incremental charge.

\*\* In addition, Shipper shall pay all applicable demand and commodity surcharges specified under Rate Schedule FTS-1, as such may change from time to time. Notwithstanding the foregoing, commodity charges will not be assessed on nominations for delivery to the ML Pool-, commonly known as CGT's "Mainline Pool".

In addition to the rates above, Shipper will pay the fuel retention applicable to Rate Schedule FTS-1, as such may change from time to time; provided that Shipper will not be required to pay fuel retention on nominations for delivery to the ML Pool, commonly known as CGT's "Mainline Pool".



**AMENDMENT NO. 1**  
**TO**  
**NEGOTIATED RATE LETTER AGREEMENT TO**  
**FTS-1 SERVICE AGREEMENT NO. 198840**

Pursuant to this Amendment No. 1 ("Amendment") to the Negotiated Rate Letter Agreement, dated December 21, 2017, to FTS-1 Service Agreement No. 198840 ("Negotiated Rate Letter Agreement") between Columbia Gulf Transmission, LLC ("Transporter" or "CGT") and Antero Resources Corporation ("Shipper", and together with CGT the "Parties" and each a "Party"), and in consideration of the mutual premises and covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Transporter and Shipper hereby agree as follows, effective February 28, 2019 ("Effective Date"):

1. The chart on Attachment 1 to the Negotiated Rate Letter Agreement is hereby amended such that the second row within the column labeled "Daily Commodity Rate\*\*" states as follows:

Maximum general system commodity rate under Rate Schedule FTS-1, as such may change from time to time.

2. Except as set forth in this Amendment, the terms and provisions of the Negotiated Rate Letter Agreement shall remain in full force and effect. In the event of any conflict between the terms of this Amendment and the terms of the Negotiated Rate Letter Agreement, the terms of this Amendment shall prevail.
3. Each Party agrees that a scanned PDF of its signature that is delivered via electronic mail may be regarded as an original signature, and that this Amendment may be executed in one or more counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

**[SIGNATURE PAGE TO FOLLOW]**

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed by their duly authorized representatives as of the Effective Date.

Columbia Gulf Transmission, LLC

By: Kay Lennison

Name: Kay Lennison

Title: Director, Transportation Accounting and Contracts

Antero Resources Corporation

By: Justin B Fowler

Name: Justin B Fowler  
**Vice President**

Title: FEB 28 2019

By: JW New

Name: JW New

Title: DIRECTOR MARKETING