

Columbia Gas Transmission, LLC  
FERC NGA Gas Tariff  
Baseline Tariffs  
Proposed Effective Date: November 1, 2022  
Service Agreement No. 232970 – Range Resources – Appalachia, LLC  
Option Code A

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 11th day of February, 2020, by and Between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and RANGE RESOURCES – APPALACHIA, LLC ("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 service in accordance with the provisions of the effective FTS Rate Schedule and applicable General Terms and Conditions of Transporter's FERC Gas Tariff, Fourth 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No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission. The maximum obligation 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 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, 2022, or the date that all of Transporter's Buckeye 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 (the "In-Service Date"), and shall remain in full force and effect for a term of five (5) years from the In-Service Date ("Term"). During the Term of this Agreement, Transporter shall have the right, but not the obligation, upon one-hundred and eighty (180) days advance written notice to Shipper, to terminate this Agreement upon the execution of a precedent agreement or service agreement between Transporter and a third party for service on the Buckeye Xpress Project with a higher Daily Demand Rate ("Match Rate") than the Daily Demand Rate of this Agreement as shown on Attachment B to Appendix B, attached hereto. Transporter's advance written notice shall include (i) the Agreement's potential early termination date, (ii) the Match Rate, and (iii) the Transportation Demand and term provided in the third party's precedent agreement or service agreement (altogether, the "Match Notice"). After receipt of the Match Notice from Transporter, Shipper shall have thirty (30) calendar days to notify Transporter of its desire to adjust (i) its Daily Demand Rate to equal the Match Rate, (ii) this Agreement's Term to equal the third party's requested term as described in the Match Notice if and only if such requested term is greater than this Agreement's Term, provided however, Shipper is under no obligation to match if the requested term exceeds this Agreement's Term, and (iii) this Agreement's Transportation Demand to equal the third party's requested transportation demand as described in the Match Notice, provided however, Shipper is under no obligation to adjust this Agreement's Transportation Demand to a volume greater than 50,000 Dth per day. If Shipper does not elect to adjust its Daily Demand Rate to equal the Match Rate, this Agreement shall terminate consistent with the potential early termination date as described in the Match Notice. Pre-granted abandonment shall apply upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's regulations and Transporter's Tariff.

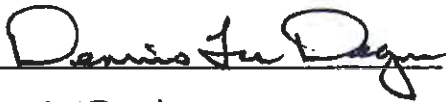
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Section 3. Rates. Shipper shall pay Transporter the charges and furnish Retainage as described in the above-referenced Rate Schedule, unless otherwise agreed to by the parties in writing and specified as an amendment to this Service Agreement. Transporter 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); (f) production and/or reserves committed by the Shipper; and (g) based on a formula including, but not limited to, published index prices for specific receipt and/or delivery points or other agreed-upon pricing points, provided that the resulting rate shall be no lower than the minimum nor higher than the maximum applicable rate set forth in the Tariff. In addition, the discount agreement may include a provision that if one rate component which was at or below the applicable maximum rate at the time the discount agreement was executed subsequently exceeds the applicable maximum rate due to a change in Transporter's maximum rate so that such rate component must be adjusted downward to equal the new applicable maximum rate, then other rate components may be adjusted upward to achieve the agreed overall rate, so long as none of the resulting rate components exceed the maximum rate applicable to that rate component. Such changes to rate components shall be applied prospectively, commencing with the date a Commission order accepts revised tariff sections. However, nothing contained herein shall be construed to alter a refund obligation under applicable law for any period during which rates, which had been charged under a discount agreement, exceeded rates which ultimately are found to be just and reasonable.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana Street, Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at 3000 Town Center Boulevard, Canonsburg, PA 15317 Attention: Director of Commercial Midstream & Capacity, 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.

RANGE RESOURCES --  
APPALACHIA, LLC

By   
Title SVP COO  
Date 2/11/20


CT

COLUMBIA GAS TRANSMISSION, LLC

By   
Title Jon A. Dobson  
Corporate Secretary  
Date 2-12-2020

Legal   
Date 2/12/2020

COLUMBIA GAS TRANSMISSION, LLC

By   
Title Joshua Gibbons, VP  
Date 2-12-2020

Appendix A to Service Agreement No. 232970  
 Under Rate Schedule FTS  
 between Columbia Gas Transmission, LLC ("Transporter")  
 and Range Resources – Appalachia, LLC ("Shipper")

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
1/	1/	50,000	1/1-12/31

Primary Receipt Points 2/

<u>Begin Date</u>	<u>End Date</u>	<u>Scheduling Point No.</u>	<u>Scheduling Point Name</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Minimum Receipt Pressure Obligation (psig) 3/</u>	<u>Recurrence Interval</u>
1/	1/	643106	Majorsville	643106	Majorsville	50,000		1/1-12/31

Primary Delivery Points

<u>Begin Date</u>	<u>End Date</u>	<u>Scheduling Point No.</u>	<u>Scheduling Point Name</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Delivery Obligation (Dth/day) 3/</u>	<u>Design Daily Quantity (Dth/day) 3/</u>	<u>Minimum Delivery Pressure Obligation (psig) 3/</u>	<u>Recurrence Interval</u>
1/	1/	P10	TCO Pool	P10	TCO Pool	50,000			1/1-12/31

1/ Per Section 2 of the Service Agreement

2/ Shipper shall have the right to add only one (1) additional Primary Receipt Point to this Service Agreement to the extent Transporter has capacity available at such point.

3/ Application of MDDOs, DDQs and ADQs, minimum pressure and/or hourly flowrate shall be as follows:

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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.

Yes  No (Check applicable blank) Transporter and Shipper have mutually agreed to a Regulatory Restructuring Reduction Option pursuant to Section 42 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  No (Check applicable blank) All gas shall be delivered at existing points of interconnection within the MDDOs, ADQs and/or DDQs, as applicable, set forth in Transporter's currently effective Rate Schedule  Service Agreement No.  Appendix A with Shipper, which are incorporated herein by reference.

Yes  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.

Yes  No (Check applicable blank) This Service Agreement covers offsystem capacity sold pursuant to Section 47 of the General Terms and Conditions. Right of first refusal rights, if any, applicable to this offsystem capacity are limited as provided for in General Terms and Conditions Section 47.

RANGE RESOURCES – APPALACHIA, LLC

CLT

By Dennis Lee Payne  
Title SVP - COO  
Date 2/11/20

COLUMBIA GAS TRANSMISSION, LLC

By [Signature]  
Title Jon A. Dobson  
Corporate Secretary  
Date 2/12/2020

COLUMBIA GAS TRANSMISSION, LLC

By [Signature]  
Title Joshua Gibbon  
JP  
Date 2/12/2020

Legal [Signature]  
Date 2/12/2020

Appendix B to Service Agreement No. 232970

February 11, 2020

Range Resources – Appalachia, LLC  
3000 Town Center Boulevard  
Canonsburg, PA 15317  
Attention: Director of Commercial Midstream & Capacity  
Email: DCahill@rangeresources.com

RE: FTS-1 Service Agreement No. 232970  
Negotiated Rate Letter Agreement

Dear Mr. Cahill:

This Negotiated Rate Letter Agreement between Columbia Gas Transmission, LLC (“Transporter” or “TCO”) and Range Resources – Appalachia, LLC (“Shipper”), shall set forth the applicable rates, calculations thereof, and 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” for the transportation service provided shall be those rates and terms agreed upon as set forth in Attachment B hereto.

Accepted and agreed to this 11 day of February, 2020.

Range Resources – Appalachia, LLC

CLT By: Dennis Lee Deyou

Title: SVP COO

Date: 2/11/20

Columbia Gulf Transmission, LLC

By: [Signature]

Title: Jon A. Dobson  
Corporate Secretary

Date: 2/12/2020

Columbia Gulf Transmission, LLC

By: [Signature]

Title: Joshua Gibbon  
VP

Date: 2/12/2020

Legal AR  
Date 2/12/2020

**ATTACHMENT B**

**NEGOTIATED RESERVATION RATES**

<b>Primary Receipt Point(s)*</b>	<b>Primary Delivery Point(s)*</b>	<b>Transportation Demand</b>	<b>Initial Term</b>	<b>Daily Demand Rate**</b>	<b>Daily Commodity Rate**</b>	<b>Rate Schedule</b>
Majorsville (meter no. 643106)	TCO Pool (meter no. P10)	50,000 Dth/d	Five (5) years from In-Service Date.	\$0.26	maximum applicable	FTS

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

\*\* In addition, Shipper shall pay all applicable commodity surcharges, specified under Rate Schedule FTS, as such may change from time to time. Shipper's Daily Demand Rate shall be inclusive of applicable surcharges. Shipper shall not be required to pay the Capital Cost Recovery Mechanism (CCRM).

If during the Initial Term, Transporter's maximum Tariff daily reservation rate under Rate Schedule FTS for a route from the Primary Receipt Point to the Primary Delivery Point is, or is expected to be, greater than the negotiated reservation rate stated above, then Transporter may, at its discretion, require Shipper to convert the negotiated reservation rate to a daily discounted reservation rate equal to the negotiated reservation rate (the "**Discounted Reservation Rate**") and Shipper shall continue to pay the maximum applicable commodity rate and all maximum applicable reservation and commodity surcharges under Rate Schedule FTS pursuant to the Tariff (collectively, the "**Discounted Rate**")

If Shipper is paying the Discounted Rate at any time during the Initial Term, and the maximum Tariff daily reservation rate under Rate Schedule FTS for a route from the Primary Receipt Point to the Primary Delivery Point is, or is expected to be, lower than the Discounted Reservation Rate, Transporter may require Shipper to convert its Discounted Reservation Rate back to the negotiated reservation rate.

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