

Columbia Gas Transmission, LLC
FERC NGA Gas Tariff
Baseline Tariffs
Proposed Effective Date: April 2, 2018
Service Agreement No. 185307 – Core Appalachia Midstream LLC
Option Code A

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 5th day of April, 2018, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and CORE APPALACHIA MIDSTREAM 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No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission.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. Service under this Agreement shall commence as of April 2, 2018, and shall continue in full force and effect until June 30, 2024. 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.

Section 3. Rates. Shipper shall pay Transporter the charges and furnish the Retainage as described in the amendment attached hereto as Attachment A. The provisions of 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 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at 414 Summers Street, Charleston, West Virginia 25301, Attention: Cathy Clark, until changed by either party by written notice.

Service Agreement No. 185307
Revision No. 1

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS 185307, Revision No. 0.

CORE APPALACHIA MIDSTREAM LLC

By Jessie B. Lawson, Jr.

Title SVP MIDSTREAM OPER.

Date 4/5/18

COLUMBIA GAS TRANSMISSION, LLC

By William F. Emmer

Title VP, Commercial Operations

Date 4/4/2018

ATTACHMENT A TO FTS SERVICE AGREEMENT 185307-FTS

The applicable demand rate for High Side FTS service shall be a negotiated rate that is fixed for the primary term of the Service Agreement and that shall equal \$9.125 per Dth per month for the term of the Service Agreement, regardless of the incremental monthly demand charge rate for recourse rate shippers that will be established as set forth in Section 2(c)(1) of the Precedent Agreement between the Parties and set forth in the Tariff. All other maximum applicable demand surcharges, commodity rates and surcharges, set forth in Transporter's Tariff, shall apply, in whatever form those maximum applicable rates and surcharges may take, and as those maximum applicable rates and surcharges may thereafter change from time to time.

Shipper shall also provide to Transporter the maximum applicable then existing Commission approved Transportation Retainage percentage associated with the Appalachian Basin On-System Expansion Project High Side, in whatever form that Retainage may take, as set forth in Transporter's FERC Gas Tariff, and as amended from time to time.

Shipper will be solely responsible for making all construction arrangements with, and/or acquiring any services from, upstream and/or downstream pipelines/entities that may be necessary for Shipper to transport natural gas to and/or from Transporter's pipeline system as set forth in General Terms and Conditions Section 9.4 of Transporter's FERC Gas Tariff.

Appendix A to Service Agreement No. 185307
 Under Rate Schedule FTS
 between Columbia Gas Transmission, LLC ("Transporter")
 and Core Appalachia Midstream LLC ("Shipper")

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	10,000	1/1 - 12/31

Primary Receipt 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 Quantity (Dth/day)</u>	<u>Minimum Receipt Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	CHK24	Chesapeake-Holden	840337	Chesapeake-Smokehouse	10,000		1/1 - 12/31

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	700102	Toledo McMahon	63			1/1 – 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	705920	Bowling Green	17			1/1 – 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	706138	COH Lime City	3			1/1 – 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	706709	Bowling Green	3			1/1 – 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	706991	Toledo Maumee	20			1/1 – 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	707712	Tiffin	9			1/1 – 12/31

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	708164	Fremont	31			1/1 - 12/31
April 2, 2018	June 30, 2024	23-1	Col Gas OH OP 07-1	708675	Fostoria	28			1/1 - 12/31
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	702476	Mansfield South	492			1/1 - 12/31
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	706254	Newark	517			1/1 - 12/31
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	706621	Mt Vernon	66			1/1 - 12/31
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	706750	Mansfield North	931			1/1 - 12/31
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	709666	Ashland	248			1/1 - 12/31

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	23-8	Col Gas OH OP 07-8	712825	COH Jackson	118			1/1 - 12/31
April 2, 2018	June 30, 2024	23-9	Col Gas OH OP 07-9	705570	Logan	120			1/1 - 12/31
April 2, 2018	June 30, 2024	23-9	Col Gas OH OP 07-9	706316	Nelsonville	29			1/1 - 12/31
April 2, 2018	June 30, 2024	23-9	Col Gas OH OP 07-9	706886	Athens	81			1/1 - 12/31
April 2, 2018	June 30, 2024	23-9	Col Gas OH OP 07-9	710581	Kanauga	60			1/1 - 12/31
April 2, 2018	June 30, 2024	23-9	Col Gas OH OP 07-9	712046	COH Athens E 61	235			1/1 - 12/31
April 2, 2018	June 30, 2024	23N-7	Col Gas OH OP 05-7	706515	Fremont	60			1/1 - 12/31

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	23N-7	Col Gas OH OP 05-7	707713	Lorain West L2042	273			1/1 - 12/31
April 2, 2018	June 30, 2024	23N-7	Col Gas OH OP 05-7	712108	Oberlin	134			1/1 - 12/31
April 2, 2018	June 30, 2024	23N-7	Col Gas OH OP 05-7	712198	Sandusky	72			1/1 - 12/31
April 2, 2018	June 30, 2024	23N-7	Col Gas OH OP 05-7	712216	Norwalk	96			1/1 - 12/31
April 2, 2018	June 30, 2024	33-6	Dayton-6	730597	Howell	813			1/1 - 12/31
April 2, 2018	June 30, 2024	45-9	Lancaster, City of-9	705656	Lan-Lancaster #1	150			1/1 - 12/31

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
April 2, 2018	June 30, 2024	733088	M&B-Paramount	733088	M&B-Paramount	150			1/1 - 12/31
April 2, 2018	June 30, 2024	P10	TCO Pool	P10	TCO Pool	5,181			1/1 - 12/31

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

Appendix A to Service Agreement No. 185307
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Core Appalachia Midstream LLC ("Shipper")

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.

CORE APPALACHIA MIDSTREAM LLC

By *[Signature]*
Title SVP MIDSTREAM OPER.
Date 4/15/18

COLUMBIA GAS TRANSMISSION, LLC

By *[Signature]*
Title VP, Commercial Operations
Date 4/4/2018