

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

1. Refer to the Direct Testimony of Brad Stuck (Stuck Testimony), page 6, in which he asserts that the GCI component of the Performance-Based Rate (PBR) mechanism has provided gas cost savings to Columbia Kentucky's customers. Explain in detail how Columbia Kentucky determined that the GCI component of the PBR mechanism provided gas cost savings for its customers.

Response: The GCI component of the PBR objectively measures CKY's performance of gas purchasing activity by measuring CKY's costs compared to the market by using three market indices that reflect actual transactions by others.

As indicated in Attachment A. of the Direct Testimony of Judy Cooper, the savings under the Gas Cost columns reflect purchases that were lower than published indices. It is reasonable to assume that if others were paying higher prices for the commodity during those periods the customers received an overall lower cost compared to a flat market based cost.

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2. Refer to the Stuck Testimony, page 7.
 - a. Provide a timeline of Columbia Gas Transmission's (TCO) rate case RP20-1060 from its time of filing, including events so far and its procedural schedule set by the Federal Energy Regulatory Commission (FERC).
 - b. Describe Columbia Kentucky's participation in RP20-1060, and state whether it is acting as an individual intervenor or in conjunction with its affiliates and whether it is participating as part of a larger group.
 - c. Describe whether and how Columbia Kentucky's participation in RP20-1060 is impacted by the opportunity to share in PBR savings.

Response:

- a. TCO filed a general rate case with FERC on July 31, 2020, under Section 4 of the Natural Gas Act. That filing proposed new rates for transmission,

storage, and gathering services, as well as various tariff changes involving the terms and conditions of service. On August 31, 2020, FERC issued an order accepting the filing and suspending the proposed rates for the maximum statutory suspension period, until February 1, 2021. On September 2, 2020, FERC's Chief Administrative Law Judge designated a presiding administrative law judge (ALJ) and indicated that a Track III schedule would be used for this proceeding. On September 8, 2020, FERC scheduled a prehearing conference, which was held on October 7, 2020.

On October 8, 2020, the presiding ALJ issued an order establishing the procedural schedule. Among other things, it provides that Staff and Intervenor testimony will be due March 26, 2021; TCO's rebuttal testimony will be due May 25, 2021; and the hearing will begin on June 17, 2021. The ALJ's initial decision is due on November 17, 2021.

On November 4, 2020, the Chief ALJ designated a settlement judge to explore the possibility of settlement, and conduct settlement negotiations. Settlement discussions began on January 13, 2021 and are ongoing.

On January 28, 2021, TCO filed a motion with FERC to place its proposed rates and tariff provisions in effect as of February 1, 2021, the end of the statutory suspension period. As a result, those rates and tariff provisions

are now in effect, subject to refund and the outcome of the evidentiary hearings in this proceeding.

- b. On August 12, 2020, Columbia Gas of Kentucky (Columbia Kentucky), along with the other NiSource LDCs that take service from TCO, filed a motion to intervene, jointly and severally, and a protest, which opposed TCO's proposed rate increase and asked that certain proposed tariff changes be rejected. This pleading also requested that TCO's entire rate filing be summarily rejected because it was precluded by a stayout which TCO had agreed to in a prior FERC proceeding.

Columbia Kentucky is also participating in this case as a member of the Columbia Distribution Customers, a customer group consisting of approximately 18 local distribution companies. On August 12, the Columbia Distribution Customers also filed a joint protest and asked for summary rejection of the rate case because it was precluded by the prior stayout.

On August 31, 2020, FERC denied the requests for summary rejection filed by Columbia Kentucky and its sister companies, the Columbia Distribution Customers, and other parties on the grounds that there were contested issues of fact as to whether TCO's filing was precluded by the stayout.

On November 4, 2020, the Columbia Distribution Customers and several other parties renewed their request for summary rejection, and presented affidavits attempting to show that there were no contested issues of fact. On December 3, 2020, the presiding ALJ denied those requests, finding that the movants had failed to show that summary disposition was appropriate. Columbia Kentucky and the other intervenors will continue to pursue this issue.

Columbia Kentucky and the other members of the Columbia Distribution Customers are actively participating in the ongoing settlement negotiations, and hope that an acceptable settlement can be achieved. At the same time, however, these parties are also actively engaged in discovery, and have submitted hundreds of data requests to TCO. If the parties are not able to achieve an acceptable settlement, Columbia Kentucky and the other members of the customer group are fully prepared to move forward with litigation.

- c. Columbia Kentucky's primary motivation for participating in RP20-1060 to minimize cost impacts to its customers and preserving the level of service to Columbia Kentucky from TCO. The opportunity to share in PBR savings

incentivizes Columbia Kentucky to develop arguments against facets of the case that are negative for Columbia Kentucky customers.

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3. Refer to the Stuck Testimony, page 8. State whether any of the other four TCO shippers with Storage Service Transportation (SST) discounts are Columbia Kentucky affiliates.

Response: The other four TCO shippers that hold discounted Storage Service Transportation (SST) capacity are not affiliates of Columbia Gas of Kentucky.

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4. Refer to the Direct Testimony of Judy Cooper (Cooper Testimony), page 8, in which she asserts that the benefit of the PBR mechanism for customers is lower gas costs. Explain in detail every basis for Columbia Kentucky's contention that the PBR mechanism resulted in lower gas costs for Columbia Kentucky's customers.

Response:

As indicated in Attachment A. of Judy Cooper's direct testimony, the savings to customers and shared benefit to the company were a result of executing transactions that were lower than published indices that reflect actual transactions by others in the marketplace or Columbia Gas of Kentucky counterparties. It is reasonable to assume that if others were paying higher prices for the commodity during those periods the customers received an overall lower cost compared to a flat market based cost.

Gas cost sharing programs in general provide an agreed upon framework where both company and customer share in the risk / reward proposition of transaction decisions. The company, while obligated to meet its commitments to assure reliability for its

customers has an additional financial stake in making sound transaction decisions when the impact of such decisions are shared. The company is not merely incentivized but forced to compete in earnest for the lowest possible gas cost. The mechanism changes the “lowest gas cost” concept from subjective to objective and measurable. While such mechanisms are reviewed and updated to reflect changing system and market conditions, absent the existence of such mechanisms, the “lowest gas cost” question would remain more subjective.

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5. Refer to the Cooper Testimony, pages 9–10, and Attachments A and B.
 - a. Provide a more detailed explanation of the separation of the TCI benchmark into “TCO-SST” and “TCO all other contracts.” The explanation should include other TCO contracts and associated FERC-approved rates that impact TCI savings.
 - b. Provide the TCI's TCO-SST benchmark for each month beginning July 2020 as calculated pursuant to the Commission's July 24, 2020 Order in Case No. 2017-00453.¹ The information should be provided in sufficient detail so that each step of the calculation is shown.
 - c. In Excel spreadsheet format with all formulas unprotected and all rows and columns fully accessible, provide all the underlying calculations for the PBR savings as shown on page 7 of Attachment A.

¹ Case No. 2017-00453, *Electronic Application of Columbia Gas of Kentucky, Inc. to Extend Its Gas Cost Adjustment Performance Based Rate Mechanism* (Ky. PSC July 24, 2020), Order.

d. In Excel spreadsheet format with all formulas unprotected and all rows and columns fully accessible, provide all PBR calculations available for months beginning September 2020. The information should include all underlying calculations.

Response:

- a. Prior to case 2017-00453, the benchmark associated with the TCO contracts were the FERC-approved rates. In case 2017-00453, the commission set out a new benchmark calculation for the SST contract; necessitating the need to separate benchmarks into two categories: 1) the SST; and 2) all other TCO contracts.

In addition to the TCO SST contract 80160, CKY has three other TCO contracts: FSS contract 80171, FTS contract 81527, and FTS contract 191914. Each of these contracts are priced at the current FERC-approved rates and therefore, they do not generate any TCI savings. The currently effective FERC-approved tariff rates for FTS, SST and FSS are shown below.

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule FTS								
Reservation Charge 3/ Commodity	\$	12.237	0.235	0.084	.048	0.00	12.604	0.4144
Maximum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58
Minimum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58
Overrun								
Maximum	¢	41.03	0.94	0.89	0.16	0.00	43.02	43.02
Minimum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Transportation quantities received from TCO Pool that are delivered to any point on Transporter's system shall be assessed the applicable commodity charges, commodity surcharges, and Retainage, as provided for in this Tariff. Transportation quantities received from any point that are delivered to TCO Pool shall not be assessed commodity charges, commodity surcharges, or Retainage. Service agreements with TCO Pool as a firm primary receipt point or firm primary delivery point will be assessed applicable reservation charges and reservation surcharges.

Issued On: January 28, 2021

Effective On: February 1, 2021

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule SST								
Reservation Charge 3/	\$	12.236	0.235	0.084	0.048	0.00	12.603	0.4144
Commodity								
Maximum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58
Minimum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58
Overrun 4/								
Maximum	¢	41.03	0.94	0.89	0.16	0.00	43.02	43.02
Minimum	¢	0.80	0.17	0.61	0.00	0.00	1.58	1.58

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Transportation quantities received from TCO Pool that are delivered to any point on Transporter's system shall be assessed the applicable commodity charges, commodity surcharges, and Retainage, as provided for in this Tariff. Transportation quantities received from any point that are delivered to TCO Pool shall not be assessed commodity charges, commodity surcharges, or Retainage. Service agreements with TCO Pool as a firm primary receipt point or firm primary delivery point will be assessed applicable reservation charges and reservation surcharges.

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Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

		Base Tariff Rate 1/2/	Transportation Cost Rate Adjustment		Electric Power Costs Adjustment		MCRM Rate	Total Effective Rate	Daily Rate
			Current	Surcharge	Current	Surcharge			
Rate Schedule FSS									
Reservation Charge	\$	3.730	-	-	-	-	0.00	3.730	0.1226
Capacity	¢	6.72	-	-	-	-	0.00	6.72	6.72
Injection	¢	1.50	-	-	-	-	0.00	1.50	1.50
Withdrawal	¢	1.50	-	-	-	-	0.00	1.50	1.50
Overrun	¢	21.98	-	-	-	-	0.00	21.98	21.98

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

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- b. Please see attachment labeled 2020-00378 Staff DR Set 1 – 5 attachment B.
- c. Please see attachment labeled 2020-00378 Staff DR Set 1 – 5 attachment C.
- d. Please see attachment labeled 2020-00378 Staff DR Set 1 – 5 attachment D.

Columbia Gas of Kentucky, Inc.

TCI's TCO - SST Benchmark Calculation July 2020 - January 2021

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jul-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.951	\$5.939	17.04%	\$4.898
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Aug-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Sep-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Oct-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Nov-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Dec-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.900	\$5.939	16.18%	\$4.8622
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jan-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.900	\$5.939	16.18%	\$4.8622
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

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6. Refer to Columbia Kentucky's response to Commission Staff's First Request for Information dated January 25, 2018, Item 2 in Case No. 2017-00453,¹ in which Commission Staff asked whether the mechanism approved in Case No. 2014-00350² resulted in greater gas cost savings than the previously approved mechanism and Columbia Kentucky responded that "[a] review of gas cost savings under both mechanisms indicates that on the whole, gas cost savings to customers are consistent and very comparable."

a. State specifically whether Columbia Kentucky's review indicated that gas cost savings for customers were greater under the mechanism approved in Case No. 2014-00350 than they were prior to that mechanism being approved, and explain each basis that supports Columbia Kentucky's contention with respect to the findings of its review.

¹ Case No. 2017-00453, *Electronic Application of Columbia Gas of Kentucky, Inc. to Extend Its Gas Cost Adjustment Performance Based Rate Mechanism*, Columbia Gas of Kentucky, Inc. Response to Staff's First Request for Information Dated January 25, 2018 (filed Feb. 5, 2018)

² Case No. 2014-00350, *Application of Columbia Gas of Kentucky, Inc. to Consolidate and Convert Its Gas Cost Incentive Mechanism and Its Off-System Sales and Capacity Release Revenue Sharing Mechanism into a Performance-Based Rate Mechanism* (Ky. PSC Mar. 27, 2015), Order.

b. If Columbia Kentucky contends that its review indicated that the gas cost savings for customers were greater under the mechanism approved in Case No. 2014-00350, provide and explain the extent to which Columbia Kentucky contends the savings were greater

Response: a. and b. Columbia's February 5, 2018 response was provided by Columbia's witness Michael D. Anderson. Mr. Anderson has retired from the company. The specifics of his analysis and review are not available. Columbia is seeking to obtain the requested specifics from Mr. Anderson and will supplement this response with the available information.

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7. Explain whether Columbia Kentucky has any incentive to optimize its gas supply portfolio absent a PBR mechanism. If so, describe the incentives. If not, explain why not.

Response: As the gas supply portfolio impacts the cost of Columbia Kentucky's service to its customers, Columbia Kentucky has an incentive to optimize its gas supply portfolio absent a PBR mechanism. However, without a PBR Columbia Kentucky customers may miss the opportunity for lower costs as several products in the PBR are available to other affiliates. All else being equal, rational economic and fiscally responsible behavior would seek to accomplish the transaction in the environment that provides the greatest opportunity between alternatives. Thus, the PBR is an effective mechanism that aligns the Company's efforts with the customer's interest by driving cost saving opportunities to Columbia Kentucky customers.

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8. Explain whether the "least cost acquisition" standard in purchasing natural gas supplies and pipeline transportation services exists absent Columbia Kentucky's PBR mechanism.

Response: Absent a PBR mechanism Columbia Kentucky would continue its least cost approach to purchase reliable gas supplies and pipeline transportation services. The PBR mechanism, however, provides additional incentive for the Company to devote resources to continually evaluate the market for opportunities to lower costs. Thus, the PBR is an effective mechanism that aligns the Company's efforts with customers' interests.

COLUMBIA GAS OF KENTUCKY, INC.
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9. State whether Columbia Kentucky would decrease its efforts to maintain service reliability for the benefit of its customers if Columbia Kentucky's PBR mechanism was discontinued.

Response: Columbia would not alter its efforts to maintain service reliability if the PBR is discontinued. Service reliability is a basic service that all distribution utilities maintain and forms the basis of ensuring customer trust in the utility's ability to perform during critical periods.

While service reliability would not be affected if the PBR mechanism were discontinued, the PBR aligns the goals of the Company with that of its customers. The elimination of the PBR could lead to missed opportunities to lower customers' gas costs.

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10. Identify any economic or scientific studies of which Columbia Kentucky is aware that support the contention that adopting a PBR mechanism reduces gas costs for customers of local gas distribution companies, and provide copies of any such studies.

Response:

CKY is not aware of any "scientific studies" that support the contention that PBR mechanisms reduce gas costs. However, in all the jurisdictions that Columbia Kentucky's affiliate distribution utilities operate – Ohio, Kentucky, Pennsylvania, Maryland, Virginia, Ohio, and Indiana, some form of a commodity sharing mechanism exists. These mechanisms serve to incentivize the Company to go beyond providing basic services, all in an effort to drive down gas costs to their absolute minimums. The concept of a commodity sharing mechanism forces utilities to act in a least cost manner as the company and customer share in the both the gains and losses associated with purchasing commodity against known market indices.

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11. Explain whether Columbia Kentucky seeks to purchase the lowest cost natural gas to provide to its customers regardless of whether it has a PBR mechanism.

Response: Columbia Kentucky would continue its least cost approach to purchase reliable gas supplies without a PBR mechanism. The PBR mechanism provides an additional incentive for the Company to continually evaluate the market for opportunities to lower costs. Thus, the PBR is an effective mechanism that aligns the Company's efforts with the customers' interest.

COLUMBIA GAS OF KENTUCKY, INC.
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12. For the 12-month period immediately preceding April 2015 when Columbia Kentucky's PBR mechanism became effective pursuant to the final Order in Case No. 2014-00350:

a. In Excel spreadsheet format with all formulas unprotected and all rows and columns fully accessible, provide the total, actual volume of gas purchased each month on the Columbia Gulf Mainline, the Columbia Gas Transmission Pipeline, and the Tennessee Gas Pipeline 500 Leg, separately; the total, actual monthly cost of volumes purchased by Columbia Kentucky on each pipeline; and the average cost per Dth and per Mcf of volumes purchased by Columbia Kentucky on each pipeline for each month.

b. Provide the Platt's Inside FERC's Gas Market Report first-of-the month index posting (midpoint) for each month for Columbia Gulf Mainline, Columbia Appalachia, and Tennessee Gas 500 Leg.

c. Provide the Natural Gas Week posting for Columbia Gulf Mainline as Delivered to Pipeline; Natural Gas Week posting for Columbia Appalachia as Delivered to Pipeline;

and Natural Gas Week posting for Tennessee Gas Pipeline as Delivered to Pipeline for each week.

d. Provide the monthly average for each month, separately for each pipeline, of the average of the daily high and low Platt's Gas Daily posting for Columbia Gulf Mainline, Tennessee Gas Pipeline, and Tennessee Gas 500 Leg.

Response:

- a. Please see attachment labeled "2020-00378 Staff DR Set 1-12 Attachment A." All volumes included in this attachment were purchases made in Dth. No volumes were purchased in Mcf (volumetric basis).
- b. Please see attachment labeled "2020-00378 Staff DR Set 1-12 Attachment B."
- c. The requested data is not currently available to Columbia Kentucky.
- d. Please see attachment labeled "2020-00378 Staff DR Set 1-12 Attachment D." There is not a daily index for Tennessee Gas Pipeline. However, to be consistent with the response to subpart (b), the attachment contains the monthly average from Platt's Gas Daily for Columbia Appalachia.

Columbia Gas of Kentucky, Inc.

Flow Month	Platt's Inside FERC First of the Month Index April 2014 - March 2015		
	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
Apr-14	\$4.490	\$4.540	\$4.550
May-14	\$4.720	\$4.720	\$4.750
Jun-14	\$4.580	\$4.540	\$4.570
Jul-14	\$4.330	\$4.330	\$4.380
Aug-14	\$3.760	\$3.720	\$3.770
Sep-14	\$3.940	\$3.900	\$3.920
Oct-14	\$3.960	\$3.930	\$3.930
Nov-14	\$3.630	\$3.640	\$3.670
Dec-14	\$4.210	\$4.210	\$4.250
Jan-15	\$3.100	\$3.090	\$3.170
Feb-15	\$2.730	\$2.780	\$2.850
Mar-15	\$2.820	\$2.830	\$2.890

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13. For the 12-month period immediately following April 2015 when Columbia Kentucky's PBR mechanism became effective pursuant to the final Order in Case No.

2014-00350:

a. In Excel spreadsheet format with all formulas unprotected and all rows and columns fully accessible, provide the total volume of gas purchased each month on the Columbia Gulf Mainline, the Columbia Gas Transmission Pipeline, and the Tennessee Gas Pipeline 500 Leg, separately; the total, actual monthly cost of volumes purchased by Columbia on each pipeline; and the average cost per Dth and per Mcf of volumes purchased by Columbia on each pipeline for each month.

b. Provide the Platt's Inside FERC's Gas Market Report first-of-the-month index posting (midpoint) for each month for Columbia Gulf Mainline, Columbia Appalachia, and Tennessee Gas 500 Leg.

c. Provide the Natural Gas Week posting for Columbia Gulf Mainline as Delivered to Pipeline; Natural Gas Week posting for Columbia Appalachia as Delivered to Pipeline;

and Natural Gas Week posting for Tennessee Gas Pipeline as Delivered to Pipeline for each week.

d. Provide the monthly average for each month, separately for each pipeline, of the average of the daily high and low Platt's Gas Daily posting for Columbia Gulf Mainline, Tennessee Gas Pipeline, and Tennessee Gas 500 Leg.

Response:

- a. Please see attachment labeled "2020-00378 Staff DR Set 1-13 Attachment A." All volumes included in this attachment were purchases made in Dth. No volumes were purchased in Mcf (volumetric basis).
- b. Please see attachment labeled "2020-00378 Staff DR Set 1-13 Attachment B."
- c. Please see attachment labeled "2020-00378 Staff DR Set 1-13 Attachment C."
- d. Please see attachment labeled "2020-00378 Staff DR Set 1-13 Attachment D." There is no daily index for Tennessee Gas Pipeline, so consistent with the responses to subparts (b) and (c), the attachment contains the monthly average from Platt's Gas Daily for Columbia Appalachia.

Columbia Gas of Kentucky, Inc.**Platt's Inside FERC First of the Month Index April 2015 - April 2016**

Month	Columbia Appalachia	Columbia Mainline	Tennessee 500 Leg
Apr-15	\$2.480	\$2.510	\$2.540
May-15	\$2.420	\$2.440	\$2.490
Jun-15	\$2.740	\$2.720	\$2.790
Jul-15	\$2.680	\$2.710	\$2.750
Aug-15	\$2.790	\$2.800	\$2.860
Sep-15	\$2.560	\$2.580	\$2.600
Oct-15	\$2.390	\$2.470	\$2.500
Nov-15	\$1.880	\$1.940	\$1.970
Dec-15	\$2.050	\$2.120	\$2.150
Jan-16	\$2.210	\$2.300	\$2.340
Feb-16	\$2.050	\$2.130	\$2.160
Mar-16	\$1.580	\$1.630	\$1.660
Apr-16	\$1.790	\$1.830	\$1.840

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
4/1/15	\$2.520	\$2.580	\$2.620
4/2/15	\$2.520	\$2.580	\$2.620
4/3/15	\$2.520	\$2.580	\$2.620
4/4/15	\$2.520	\$2.580	\$2.620
4/5/15	\$2.520	\$2.580	\$2.620
4/6/15	\$2.520	\$2.580	\$2.620
4/7/15	\$2.460	\$2.490	\$2.550
4/8/15	\$2.460	\$2.490	\$2.550
4/9/15	\$2.460	\$2.490	\$2.550
4/10/15	\$2.460	\$2.490	\$2.550
4/11/15	\$2.460	\$2.490	\$2.550
4/12/15	\$2.460	\$2.490	\$2.550
4/13/15	\$2.460	\$2.490	\$2.550
4/14/15	\$2.500	\$2.550	\$2.600
4/15/15	\$2.500	\$2.550	\$2.600
4/16/15	\$2.500	\$2.550	\$2.600
4/17/15	\$2.500	\$2.550	\$2.600
4/18/15	\$2.500	\$2.550	\$2.600
4/19/15	\$2.500	\$2.550	\$2.600
4/20/15	\$2.500	\$2.550	\$2.600
4/21/15	\$2.510	\$2.490	\$2.500
4/22/15	\$2.510	\$2.490	\$2.500
4/23/15	\$2.510	\$2.490	\$2.500
4/24/15	\$2.510	\$2.490	\$2.500
4/25/15	\$2.510	\$2.490	\$2.500
4/26/15	\$2.510	\$2.490	\$2.500
4/27/15	\$2.510	\$2.490	\$2.500
4/28/15	\$2.580	\$2.590	\$2.620
4/29/15	\$2.580	\$2.590	\$2.620
4/30/15	\$2.580	\$2.590	\$2.620

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
5/1/15	\$2.580	\$2.590	\$2.620
5/2/15	\$2.580	\$2.590	\$2.620
5/3/15	\$2.580	\$2.590	\$2.620
5/4/15	\$2.580	\$2.590	\$2.620
5/5/15	\$2.760	\$2.700	\$2.760
5/6/15	\$2.760	\$2.700	\$2.760
5/7/15	\$2.760	\$2.700	\$2.760
5/8/15	\$2.760	\$2.700	\$2.760
5/9/15	\$2.760	\$2.700	\$2.760
5/10/15	\$2.760	\$2.700	\$2.760
5/11/15	\$2.760	\$2.700	\$2.760
5/12/15	\$2.880	\$2.870	\$2.930
5/13/15	\$2.880	\$2.870	\$2.930
5/14/15	\$2.880	\$2.870	\$2.930
5/15/15	\$2.880	\$2.870	\$2.930
5/16/15	\$2.880	\$2.870	\$2.930
5/17/15	\$2.880	\$2.870	\$2.930
5/18/15	\$2.880	\$2.870	\$2.930
5/19/15	\$2.830	\$2.880	\$2.890
5/20/15	\$2.830	\$2.880	\$2.890
5/21/15	\$2.830	\$2.880	\$2.890
5/22/15	\$2.830	\$2.880	\$2.890
5/23/15	\$2.830	\$2.880	\$2.890
5/24/15	\$2.830	\$2.880	\$2.890
5/25/15	\$2.830	\$2.880	\$2.890
5/26/15	\$2.670	\$2.700	\$2.710
5/27/15	\$2.670	\$2.700	\$2.710
5/28/15	\$2.670	\$2.700	\$2.710
5/29/15	\$2.670	\$2.700	\$2.710
5/30/15	\$2.670	\$2.700	\$2.710
5/31/15	\$2.670	\$2.700	\$2.710

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
6/1/15	\$2.670	\$2.700	\$2.710
6/2/15	\$2.450	\$2.510	\$2.560
6/3/15	\$2.450	\$2.510	\$2.560
6/4/15	\$2.450	\$2.510	\$2.560
6/5/15	\$2.450	\$2.510	\$2.560
6/6/15	\$2.450	\$2.510	\$2.560
6/7/15	\$2.450	\$2.510	\$2.560
6/8/15	\$2.450	\$2.510	\$2.560
6/9/15	\$2.710	\$2.730	\$2.780
6/10/15	\$2.710	\$2.730	\$2.780
6/11/15	\$2.710	\$2.730	\$2.780
6/12/15	\$2.710	\$2.730	\$2.780
6/13/15	\$2.710	\$2.730	\$2.780
6/14/15	\$2.710	\$2.730	\$2.780
6/15/15	\$2.710	\$2.730	\$2.780
6/16/15	\$2.750	\$2.790	\$2.820
6/17/15	\$2.750	\$2.790	\$2.820
6/18/15	\$2.750	\$2.790	\$2.820
6/19/15	\$2.750	\$2.790	\$2.820
6/20/15	\$2.750	\$2.790	\$2.820
6/21/15	\$2.750	\$2.790	\$2.820
6/22/15	\$2.750	\$2.790	\$2.820
6/23/15	\$2.670	\$2.710	\$2.750
6/24/15	\$2.670	\$2.710	\$2.750
6/25/15	\$2.670	\$2.710	\$2.750
6/26/15	\$2.670	\$2.710	\$2.750
6/27/15	\$2.670	\$2.710	\$2.750
6/28/15	\$2.670	\$2.710	\$2.750
6/29/15	\$2.670	\$2.710	\$2.750
6/30/15	\$2.670	\$2.750	\$2.750

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
7/1/15	\$2.670	\$2.750	\$2.750
7/2/15	\$2.670	\$2.750	\$2.750
7/3/15	\$2.670	\$2.750	\$2.750
7/4/15	\$2.670	\$2.750	\$2.750
7/5/15	\$2.670	\$2.750	\$2.750
7/6/15	\$2.670	\$2.750	\$2.750
7/7/15	\$2.680	\$2.700	\$2.720
7/8/15	\$2.680	\$2.700	\$2.720
7/9/15	\$2.680	\$2.700	\$2.720
7/10/15	\$2.680	\$2.700	\$2.720
7/11/15	\$2.680	\$2.700	\$2.720
7/12/15	\$2.680	\$2.700	\$2.720
7/13/15	\$2.680	\$2.700	\$2.720
7/14/15	\$2.810	\$2.830	\$2.860
7/15/15	\$2.810	\$2.830	\$2.860
7/16/15	\$2.810	\$2.830	\$2.860
7/17/15	\$2.810	\$2.830	\$2.860
7/18/15	\$2.810	\$2.830	\$2.860
7/19/15	\$2.810	\$2.830	\$2.860
7/20/15	\$2.810	\$2.830	\$2.860
7/21/15	\$2.790	\$2.800	\$2.810
7/22/15	\$2.790	\$2.800	\$2.810
7/23/15	\$2.790	\$2.800	\$2.810
7/24/15	\$2.790	\$2.800	\$2.810
7/25/15	\$2.790	\$2.800	\$2.810
7/26/15	\$2.790	\$2.800	\$2.810
7/27/15	\$2.790	\$2.800	\$2.810
7/28/15	\$2.750	\$2.750	\$2.850
7/29/15	\$2.750	\$2.750	\$2.850
7/30/15	\$2.750	\$2.750	\$2.850
7/31/15	\$2.750	\$2.750	\$2.850

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
8/1/15	\$2.750	\$2.750	\$2.850
8/2/15	\$2.750	\$2.750	\$2.850
8/3/15	\$2.750	\$2.750	\$2.850
8/4/15	\$2.730	\$2.770	\$2.810
8/5/15	\$2.730	\$2.770	\$2.810
8/6/15	\$2.730	\$2.770	\$2.810
8/7/15	\$2.730	\$2.770	\$2.810
8/8/15	\$2.730	\$2.770	\$2.810
8/9/15	\$2.730	\$2.770	\$2.810
8/10/15	\$2.730	\$2.770	\$2.810
8/11/15	\$2.770	\$2.790	\$2.830
8/12/15	\$2.770	\$2.790	\$2.830
8/13/15	\$2.770	\$2.790	\$2.830
8/14/15	\$2.770	\$2.790	\$2.830
8/15/15	\$2.770	\$2.790	\$2.830
8/16/15	\$2.770	\$2.790	\$2.830
8/17/15	\$2.770	\$2.790	\$2.830
8/18/15	\$2.680	\$2.640	\$2.700
8/19/15	\$2.680	\$2.640	\$2.700
8/20/15	\$2.680	\$2.640	\$2.700
8/21/15	\$2.680	\$2.640	\$2.700
8/22/15	\$2.680	\$2.640	\$2.700
8/23/15	\$2.680	\$2.640	\$2.700
8/24/15	\$2.680	\$2.640	\$2.700
8/25/15	\$2.640	\$2.610	\$2.650
8/26/15	\$2.640	\$2.610	\$2.650
8/27/15	\$2.640	\$2.610	\$2.650
8/28/15	\$2.640	\$2.610	\$2.650
8/29/15	\$2.640	\$2.610	\$2.650
8/30/15	\$2.640	\$2.610	\$2.650
8/31/15	\$2.640	\$2.610	\$2.650

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
9/1/15	\$2.610	\$2.630	\$2.670
9/2/15	\$2.610	\$2.630	\$2.670
9/3/15	\$2.610	\$2.630	\$2.670
9/4/15	\$2.610	\$2.630	\$2.670
9/5/15	\$2.610	\$2.630	\$2.670
9/6/15	\$2.610	\$2.630	\$2.670
9/7/15	\$2.610	\$2.630	\$2.670
9/8/15	\$2.580	\$2.610	\$2.650
9/9/15	\$2.580	\$2.610	\$2.650
9/10/15	\$2.580	\$2.610	\$2.650
9/11/15	\$2.580	\$2.610	\$2.650
9/12/15	\$2.580	\$2.610	\$2.650
9/13/15	\$2.580	\$2.610	\$2.650
9/14/15	\$2.580	\$2.610	\$2.650
9/15/15	\$2.480	\$2.550	\$2.600
9/16/15	\$2.480	\$2.550	\$2.600
9/17/15	\$2.480	\$2.550	\$2.600
9/18/15	\$2.480	\$2.550	\$2.600
9/19/15	\$2.480	\$2.550	\$2.600
9/20/15	\$2.480	\$2.550	\$2.600
9/21/15	\$2.480	\$2.550	\$2.600
9/22/15	\$2.420	\$2.470	\$2.480
9/23/15	\$2.420	\$2.470	\$2.480
9/24/15	\$2.420	\$2.470	\$2.480
9/25/15	\$2.420	\$2.470	\$2.480
9/26/15	\$2.420	\$2.470	\$2.480
9/27/15	\$2.420	\$2.470	\$2.480
9/28/15	\$2.420	\$2.470	\$2.480
9/29/15	\$2.200	\$2.270	\$2.300
9/30/15	\$2.200	\$2.270	\$2.300

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
10/1/15	\$2.200	\$2.270	\$2.300
10/2/15	\$2.200	\$2.270	\$2.300
10/3/15	\$2.200	\$2.270	\$2.300
10/4/15	\$2.200	\$2.270	\$2.300
10/5/15	\$2.200	\$2.270	\$2.300
10/6/15	\$2.220	\$2.310	\$2.340
10/7/15	\$2.220	\$2.310	\$2.340
10/8/15	\$2.220	\$2.310	\$2.340
10/9/15	\$2.220	\$2.310	\$2.340
10/10/15	\$2.220	\$2.310	\$2.340
10/11/15	\$2.220	\$2.310	\$2.340
10/12/15	\$2.220	\$2.310	\$2.340
10/13/15	\$2.300	\$2.340	\$2.390
10/14/15	\$2.300	\$2.340	\$2.390
10/15/15	\$2.300	\$2.340	\$2.390
10/16/15	\$2.300	\$2.340	\$2.390
10/17/15	\$2.300	\$2.340	\$2.390
10/18/15	\$2.300	\$2.340	\$2.390
10/19/15	\$2.300	\$2.340	\$2.390
10/20/15	\$2.170	\$2.240	\$2.250
10/21/15	\$2.170	\$2.240	\$2.250
10/22/15	\$2.170	\$2.240	\$2.250
10/23/15	\$2.170	\$2.240	\$2.250
10/24/15	\$2.170	\$2.240	\$2.250
10/25/15	\$2.170	\$2.240	\$2.250
10/26/15	\$2.170	\$2.240	\$2.250
10/27/15	\$1.930	\$2.000	\$1.990
10/28/15	\$1.930	\$2.000	\$1.990
10/29/15	\$1.930	\$2.000	\$1.990
10/30/15	\$1.930	\$2.000	\$1.990
10/31/15	\$1.930	\$2.000	\$1.990

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
11/1/15	\$1.930	\$2.000	\$1.990
11/2/15	\$1.930	\$2.000	\$1.990
11/3/15	\$1.960	\$2.030	\$2.020
11/4/15	\$1.960	\$2.030	\$2.020
11/5/15	\$1.960	\$2.030	\$2.020
11/6/15	\$1.960	\$2.030	\$2.020
11/7/15	\$1.960	\$2.030	\$2.020
11/8/15	\$1.960	\$2.030	\$2.020
11/9/15	\$1.960	\$2.030	\$2.020
11/10/15	\$1.940	\$1.970	\$2.000
11/11/15	\$1.940	\$1.970	\$2.000
11/12/15	\$1.940	\$1.970	\$2.000
11/13/15	\$1.940	\$1.970	\$2.000
11/14/15	\$1.940	\$1.970	\$2.000
11/15/15	\$1.940	\$1.970	\$2.000
11/16/15	\$1.940	\$1.970	\$2.000
11/17/15	\$2.050	\$2.070	\$2.150
11/18/15	\$2.050	\$2.070	\$2.150
11/19/15	\$2.050	\$2.070	\$2.150
11/20/15	\$2.050	\$2.070	\$2.150
11/21/15	\$2.050	\$2.070	\$2.150
11/22/15	\$2.050	\$2.070	\$2.150
11/23/15	\$2.050	\$2.070	\$2.150
11/24/15	\$1.900	\$1.990	\$1.990
11/25/15	\$1.900	\$1.990	\$1.990
11/26/15	\$1.900	\$1.990	\$1.990
11/27/15	\$1.900	\$1.990	\$1.990
11/28/15	\$1.900	\$1.990	\$1.990
11/29/15	\$1.900	\$1.990	\$1.990
11/30/15	\$1.900	\$1.990	\$1.990

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
12/1/15	\$2.030	\$2.060	\$2.100
12/2/15	\$2.030	\$2.060	\$2.100
12/3/15	\$2.030	\$2.060	\$2.100
12/4/15	\$2.030	\$2.060	\$2.100
12/5/15	\$2.030	\$2.060	\$2.100
12/6/15	\$2.030	\$2.060	\$2.100
12/7/15	\$2.030	\$2.060	\$2.100
12/8/15	\$1.720	\$1.750	\$1.750
12/9/15	\$1.720	\$1.750	\$1.750
12/10/15	\$1.720	\$1.750	\$1.750
12/11/15	\$1.720	\$1.750	\$1.750
12/12/15	\$1.720	\$1.750	\$1.750
12/13/15	\$1.720	\$1.750	\$1.750
12/14/15	\$1.720	\$1.750	\$1.750
12/15/15	\$1.580	\$1.650	\$1.690
12/16/15	\$1.580	\$1.650	\$1.690
12/17/15	\$1.580	\$1.650	\$1.690
12/18/15	\$1.580	\$1.650	\$1.690
12/19/15	\$1.580	\$1.650	\$1.690
12/20/15	\$1.580	\$1.650	\$1.690
12/21/15	\$1.580	\$1.650	\$1.690
12/22/15	\$1.420	\$1.470	\$1.470
12/23/15	\$1.420	\$1.470	\$1.470
12/24/15	\$1.420	\$1.470	\$1.470
12/25/15	\$1.420	\$1.470	\$1.470
12/26/15	\$1.420	\$1.470	\$1.470
12/27/15	\$1.420	\$1.470	\$1.470
12/28/15	\$1.420	\$1.470	\$1.470
12/29/15	\$2.190	\$2.280	\$2.260
12/30/15	\$2.190	\$2.280	\$2.260
12/31/15	\$2.190	\$2.280	\$2.260

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
1/1/16	\$2.190	\$2.220	\$2.260
1/2/16	\$2.190	\$2.220	\$2.260
1/3/16	\$2.190	\$2.220	\$2.260
1/4/16	\$2.190	\$2.220	\$2.260
1/5/16	\$2.310	\$2.370	\$2.400
1/6/16	\$2.310	\$2.370	\$2.400
1/7/16	\$2.310	\$2.370	\$2.400
1/8/16	\$2.310	\$2.370	\$2.400
1/9/16	\$2.310	\$2.370	\$2.400
1/10/16	\$2.310	\$2.370	\$2.400
1/11/16	\$2.310	\$2.370	\$2.400
1/12/16	\$2.100	\$2.180	\$2.220
1/13/16	\$2.100	\$2.180	\$2.220
1/14/16	\$2.100	\$2.180	\$2.220
1/15/16	\$2.100	\$2.180	\$2.220
1/16/16	\$2.100	\$2.180	\$2.220
1/17/16	\$2.100	\$2.180	\$2.220
1/18/16	\$2.100	\$2.180	\$2.220
1/19/16	\$2.070	\$2.150	\$2.160
1/20/16	\$2.070	\$2.150	\$2.160
1/21/16	\$2.070	\$2.150	\$2.160
1/22/16	\$2.070	\$2.150	\$2.160
1/23/16	\$2.070	\$2.150	\$2.160
1/24/16	\$2.070	\$2.150	\$2.160
1/25/16	\$2.070	\$2.150	\$2.160
1/26/16	\$2.050	\$2.090	\$2.150
1/27/16	\$2.050	\$2.090	\$2.150
1/28/16	\$2.050	\$2.090	\$2.150
1/29/16	\$2.050	\$2.090	\$2.150
1/30/16	\$2.050	\$2.090	\$2.150
1/31/16	\$2.050	\$2.090	\$2.150

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
2/1/16	\$2.050	\$2.090	\$2.150
2/2/16	\$1.970	\$2.030	\$2.040
2/3/16	\$1.970	\$2.030	\$2.040
2/4/16	\$1.970	\$2.030	\$2.040
2/5/16	\$1.970	\$2.030	\$2.040
2/6/16	\$1.970	\$2.030	\$2.040
2/7/16	\$1.970	\$2.030	\$2.040
2/8/16	\$1.970	\$2.030	\$2.040
2/9/16	\$1.980	\$1.990	\$1.990
2/10/16	\$1.980	\$1.990	\$1.990
2/11/16	\$1.980	\$1.990	\$1.990
2/12/16	\$1.980	\$1.990	\$1.990
2/13/16	\$1.980	\$1.990	\$1.990
2/14/16	\$1.980	\$1.990	\$1.990
2/15/16	\$1.980	\$1.990	\$1.990
2/16/16	\$1.810	\$1.810	\$1.810
2/17/16	\$1.810	\$1.810	\$1.810
2/18/16	\$1.810	\$1.810	\$1.810
2/19/16	\$1.810	\$1.810	\$1.810
2/20/16	\$1.810	\$1.810	\$1.810
2/21/16	\$1.810	\$1.810	\$1.810
2/22/16	\$1.810	\$1.810	\$1.810
2/23/16	\$1.610	\$1.660	\$1.660
2/24/16	\$1.610	\$1.660	\$1.660
2/25/16	\$1.610	\$1.660	\$1.660
2/26/16	\$1.610	\$1.660	\$1.660
2/27/16	\$1.610	\$1.660	\$1.660
2/28/16	\$1.610	\$1.660	\$1.660
2/29/16	\$1.610	\$1.660	\$1.660

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
3/1/16	\$1.470	\$1.470	\$1.540
3/2/16	\$1.470	\$1.470	\$1.540
3/3/16	\$1.470	\$1.470	\$1.540
3/4/16	\$1.470	\$1.470	\$1.540
3/5/16	\$1.470	\$1.470	\$1.540
3/6/16	\$1.470	\$1.470	\$1.540
3/7/16	\$1.470	\$1.470	\$1.540
3/8/16	\$1.580	\$1.560	\$1.570
3/9/16	\$1.580	\$1.560	\$1.570
3/10/16	\$1.580	\$1.560	\$1.570
3/11/16	\$1.580	\$1.560	\$1.570
3/12/16	\$1.580	\$1.560	\$1.570
3/13/16	\$1.580	\$1.560	\$1.570
3/14/16	\$1.580	\$1.560	\$1.570
3/15/16	\$1.700	\$1.760	\$1.710
3/16/16	\$1.700	\$1.760	\$1.710
3/17/16	\$1.700	\$1.760	\$1.710
3/18/16	\$1.700	\$1.760	\$1.710
3/19/16	\$1.700	\$1.760	\$1.710
3/20/16	\$1.700	\$1.760	\$1.710
3/21/16	\$1.700	\$1.760	\$1.710
3/22/16	\$1.610	\$1.670	\$1.750
3/23/16	\$1.610	\$1.670	\$1.750
3/24/16	\$1.610	\$1.670	\$1.750
3/25/16	\$1.610	\$1.670	\$1.750
3/26/16	\$1.610	\$1.670	\$1.750
3/27/16	\$1.610	\$1.670	\$1.750
3/28/16	\$1.610	\$1.670	\$1.750
3/29/16	\$1.800	\$1.800	\$1.810
3/30/16	\$1.800	\$1.800	\$1.810
3/31/16	\$1.800	\$1.800	\$1.810

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices April 2015 - April 2016**

Date	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
4/1/16	\$1.800	\$1.800	\$1.810
4/2/16	\$1.800	\$1.800	\$1.810
4/3/16	\$1.800	\$1.800	\$1.810
4/4/16	\$1.800	\$1.800	\$1.810
4/5/16	\$1.830	\$1.850	\$1.840
4/6/16	\$1.830	\$1.850	\$1.840
4/7/16	\$1.830	\$1.850	\$1.840
4/8/16	\$1.830	\$1.850	\$1.840
4/9/16	\$1.830	\$1.850	\$1.840
4/10/16	\$1.830	\$1.850	\$1.840
4/11/16	\$1.830	\$1.850	\$1.840
4/12/16	\$1.640	\$1.700	\$1.650
4/13/16	\$1.640	\$1.700	\$1.650
4/14/16	\$1.640	\$1.700	\$1.650
4/15/16	\$1.640	\$1.700	\$1.650
4/16/16	\$1.640	\$1.700	\$1.650
4/17/16	\$1.640	\$1.700	\$1.650
4/18/16	\$1.640	\$1.700	\$1.650
4/19/16	\$1.840	\$1.840	\$1.880
4/20/16	\$1.840	\$1.840	\$1.880
4/21/16	\$1.840	\$1.840	\$1.880
4/22/16	\$1.840	\$1.840	\$1.880
4/23/16	\$1.840	\$1.840	\$1.880
4/24/16	\$1.840	\$1.840	\$1.880
4/25/16	\$1.840	\$1.840	\$1.880
4/26/16	\$1.810	\$1.850	\$1.840
4/27/16	\$1.810	\$1.850	\$1.840
4/28/16	\$1.810	\$1.850	\$1.840
4/29/16	\$1.810	\$1.850	\$1.840
4/30/16	\$1.810	\$1.850	\$1.840

Columbia Gas of Kentucky, Inc.**Monthly Average of Platt's Gas Daily Pricing April 2015 - April 2016**

Month	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
Apr-15	\$2.495	\$2.515	\$2.550
May-15	\$2.779	\$2.775	\$2.811
Jun-15	\$2.657	\$2.691	\$2.738
Jul-15	\$2.752	\$2.777	\$2.798
Aug-15	\$2.707	\$2.713	\$2.749
Sep-15	\$2.521	\$2.568	\$2.598
Oct-15	\$2.198	\$2.258	\$2.290
Nov-15	\$1.947	\$2.007	\$2.029
Dec-15	\$1.746	\$1.800	\$1.814
Jan-16	\$2.148	\$2.223	\$2.233
Feb-16	\$1.857	\$1.893	\$1.917
Mar-16	\$1.578	\$1.633	\$1.661
Apr-16	\$1.791	\$1.822	\$1.826

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

14. For the 12-month period that ended December 31, 2020:

a. In Excel spreadsheet format with all formulas unprotected and all rows and columns fully accessible, provide the total volume of gas purchased each month on the Columbia Gulf Mainline, the Columbia Gas Transmission Pipeline, and the Tennessee Gas Pipeline 500 Leg, separately; the total, actual monthly cost of volumes purchased by Columbia on each pipeline; and the average cost per Dth and per Mcf of volumes purchased by Columbia on each pipeline for each month.

b. Provide the Platt's Inside FERC's Gas Market Report first-of-the-month index posting (midpoint) for each month for Columbia Gulf Mainline, Columbia Appalachia, and Tennessee Gas 500 Leg.

c. Provide the Natural Gas Week posting for Columbia Gulf Mainline as Delivered to Pipeline; Natural Gas Week posting for Columbia Appalachia as Delivered to Pipeline; and Natural Gas Week posting for Tennessee Gas Pipeline as Delivered to Pipeline for each week.

d. Provide the monthly average for each month, separately for each pipeline, of the average of the daily high and low Platt's Gas Daily posting for Columbia Gulf Mainline, Tennessee Gas Pipeline, and Tennessee Gas 500 Leg.

Response:

- a. Please attachment labeled "2020-00378 Staff DR Set 1-14 Attachment A." All volumes included in this attachment were purchases made in Dth. No volumes were purchased in Mcf (volumetric basis).
- b. Please attachment labeled "2020-00378 Staff DR Set 1-14 Attachment B."
- c. Please attachment labeled "2020-00378 Staff DR Set 1-14 Attachment C."
- d. Please attachment labeled "2020-00378 Staff DR Set 1-14 Attachment D." There is no daily index for Tennessee Gas Pipeline, so to be consistent with responses to subparts (b) and (c), the attachment contains the monthly average from Platt's Gas Daily for Columbia Appalachia.

Columbia Gas of Kentucky, Inc.**Platt's Inside FERC First of the Month Index January 2020 - December 2020**

	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
Jan-20	\$1.820	\$1.980	\$2.080
Feb-20	\$1.530	\$1.730	\$1.800
Mar-20	\$1.550	\$1.660	\$1.750
Apr-20	\$1.340	\$1.420	\$1.570
May-20	\$1.590	\$1.650	\$1.730
Jun-20	\$1.470	\$1.550	\$1.650
Jul-20	\$1.260	\$1.330	\$1.420
Aug-20	\$1.630	\$1.710	\$1.800
Sep-20	\$1.700	\$2.330	\$2.500
Oct-20	\$1.200	\$1.750	\$1.990
Nov-20	\$2.250	\$2.680	\$2.850
Dec-20	\$2.050	\$2.570	\$2.770

Columbia Gas of Kentucky, Inc.**Natural Gas Week Prices January 2020 - December 2020**

	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
1/1/20	\$1.780	\$1.880	\$1.960
1/2/20	\$1.780	\$1.880	\$1.960
1/3/20	\$1.780	\$1.880	\$1.960
1/4/20	\$1.780	\$1.880	\$1.960
1/5/20	\$1.780	\$1.880	\$1.960
1/6/20	\$1.780	\$1.880	\$1.960
1/7/20	\$1.830	\$1.930	\$1.990
1/8/20	\$1.830	\$1.930	\$1.990
1/9/20	\$1.830	\$1.930	\$1.990
1/10/20	\$1.830	\$1.930	\$1.990
1/11/20	\$1.830	\$1.930	\$1.990
1/12/20	\$1.830	\$1.930	\$1.990
1/13/20	\$1.830	\$1.930	\$1.990
1/14/20	\$1.840	\$1.910	\$1.990
1/15/20	\$1.840	\$1.910	\$1.990
1/16/20	\$1.840	\$1.910	\$1.990
1/17/20	\$1.840	\$1.910	\$1.990
1/18/20	\$1.840	\$1.910	\$1.990
1/19/20	\$1.840	\$1.910	\$1.990
1/20/20	\$1.840	\$1.910	\$1.990
1/21/20	\$1.650	\$1.830	\$1.870
1/22/20	\$1.650	\$1.830	\$1.870
1/23/20	\$1.650	\$1.830	\$1.870
1/24/20	\$1.650	\$1.830	\$1.870
1/25/20	\$1.650	\$1.830	\$1.870
1/26/20	\$1.650	\$1.830	\$1.870
1/27/20	\$1.650	\$1.830	\$1.870
1/28/20	\$1.620	\$1.770	\$1.800
1/29/20	\$1.620	\$1.770	\$1.800
1/30/20	\$1.620	\$1.770	\$1.800
1/31/20	\$1.620	\$1.770	\$1.800
2/1/20	\$1.620	\$1.770	\$1.800
2/2/20	\$1.620	\$1.770	\$1.800
2/3/20	\$1.620	\$1.770	\$1.800
2/4/20	\$1.640	\$1.760	\$1.790
2/5/20	\$1.640	\$1.760	\$1.790
2/6/20	\$1.640	\$1.760	\$1.790
2/7/20	\$1.640	\$1.760	\$1.790

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2/8/20	\$1.640	\$1.760	\$1.790
2/9/20	\$1.640	\$1.760	\$1.790
2/10/20	\$1.640	\$1.760	\$1.790
2/11/20	\$1.640	\$1.720	\$1.770
2/12/20	\$1.640	\$1.720	\$1.770
2/13/20	\$1.640	\$1.720	\$1.770
2/14/20	\$1.640	\$1.720	\$1.770
2/15/20	\$1.640	\$1.720	\$1.770
2/16/20	\$1.640	\$1.720	\$1.770
2/17/20	\$1.640	\$1.720	\$1.770
2/18/20	\$1.730	\$1.820	\$1.870
2/19/20	\$1.730	\$1.820	\$1.870
2/20/20	\$1.730	\$1.820	\$1.870
2/21/20	\$1.730	\$1.820	\$1.870
2/22/20	\$1.730	\$1.820	\$1.870
2/23/20	\$1.730	\$1.820	\$1.870
2/24/20	\$1.730	\$1.820	\$1.870
2/25/20	\$1.610	\$1.670	\$1.750
2/26/20	\$1.610	\$1.670	\$1.750
2/27/20	\$1.610	\$1.670	\$1.750
2/28/20	\$1.610	\$1.670	\$1.750
2/29/20	\$1.610	\$1.670	\$1.750
3/1/20	\$1.610	\$1.670	\$1.750
3/2/20	\$1.610	\$1.670	\$1.750
3/3/20	\$1.550	\$1.590	\$1.700
3/4/20	\$1.550	\$1.590	\$1.700
3/5/20	\$1.550	\$1.590	\$1.700
3/6/20	\$1.550	\$1.590	\$1.700
3/7/20	\$1.550	\$1.590	\$1.700
3/8/20	\$1.550	\$1.590	\$1.700
3/9/20	\$1.550	\$1.590	\$1.700
3/10/20	\$1.550	\$1.790	\$1.800
3/11/20	\$1.550	\$1.790	\$1.800
3/12/20	\$1.550	\$1.790	\$1.800
3/13/20	\$1.550	\$1.790	\$1.800
3/14/20	\$1.550	\$1.790	\$1.800
3/15/20	\$1.550	\$1.790	\$1.800
3/16/20	\$1.550	\$1.790	\$1.800
3/17/20	\$1.440	\$1.480	\$1.600
3/18/20	\$1.440	\$1.480	\$1.600
3/19/20	\$1.440	\$1.480	\$1.600
3/20/20	\$1.440	\$1.480	\$1.600
3/21/20	\$1.440	\$1.480	\$1.600
3/22/20	\$1.440	\$1.480	\$1.600
3/23/20	\$1.440	\$1.480	\$1.600
3/24/20	\$1.380	\$1.370	\$1.560
3/25/20	\$1.380	\$1.370	\$1.560

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3/26/20	\$1.380	\$1.370	\$1.560
3/27/20	\$1.380	\$1.370	\$1.560
3/28/20	\$1.380	\$1.370	\$1.560
3/29/20	\$1.380	\$1.370	\$1.560
3/30/20	\$1.380	\$1.370	\$1.560
3/31/20	\$1.370	\$1.440	\$1.430
4/1/20	\$1.370	\$1.440	\$1.430
4/2/20	\$1.370	\$1.440	\$1.430
4/3/20	\$1.370	\$1.440	\$1.430
4/4/20	\$1.370	\$1.440	\$1.430
4/5/20	\$1.370	\$1.440	\$1.430
4/6/20	\$1.370	\$1.440	\$1.430
4/7/20	\$1.560	\$1.620	\$1.680
4/8/20	\$1.560	\$1.620	\$1.680
4/9/20	\$1.560	\$1.620	\$1.680
4/10/20	\$1.560	\$1.620	\$1.680
4/11/20	\$1.560	\$1.620	\$1.680
4/12/20	\$1.560	\$1.620	\$1.680
4/13/20	\$1.560	\$1.620	\$1.680
4/14/20	\$1.530	\$1.580	\$1.640
4/15/20	\$1.530	\$1.580	\$1.640
4/16/20	\$1.530	\$1.580	\$1.640
4/17/20	\$1.530	\$1.580	\$1.640
4/18/20	\$1.530	\$1.580	\$1.640
4/19/20	\$1.530	\$1.580	\$1.640
4/20/20	\$1.530	\$1.580	\$1.640
4/21/20	\$1.680	\$1.700	\$1.740
4/22/20	\$1.680	\$1.700	\$1.740
4/23/20	\$1.680	\$1.700	\$1.740
4/24/20	\$1.680	\$1.700	\$1.740
4/25/20	\$1.680	\$1.700	\$1.740
4/26/20	\$1.680	\$1.700	\$1.740
4/27/20	\$1.680	\$1.700	\$1.740
4/28/20	\$1.480	\$1.540	\$1.660
4/29/20	\$1.480	\$1.540	\$1.660
4/30/20	\$1.480	\$1.540	\$1.660
5/1/20	\$1.480	\$1.540	\$1.660
5/2/20	\$1.480	\$1.540	\$1.660
5/3/20	\$1.480	\$1.540	\$1.660
5/4/20	\$1.480	\$1.540	\$1.660
5/5/20	\$1.650	\$1.690	\$1.780
5/6/20	\$1.650	\$1.690	\$1.780
5/7/20	\$1.650	\$1.690	\$1.780
5/8/20	\$1.650	\$1.690	\$1.780
5/9/20	\$1.650	\$1.690	\$1.780
5/10/20	\$1.650	\$1.690	\$1.780
5/11/20	\$1.650	\$1.690	\$1.780

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5/12/20	\$1.380	\$1.500	\$1.580
5/13/20	\$1.380	\$1.500	\$1.580
5/14/20	\$1.380	\$1.500	\$1.580
5/15/20	\$1.380	\$1.500	\$1.580
5/16/20	\$1.380	\$1.500	\$1.580
5/17/20	\$1.380	\$1.500	\$1.580
5/18/20	\$1.380	\$1.500	\$1.580
5/19/20	\$1.540	\$1.620	\$1.690
5/20/20	\$1.540	\$1.620	\$1.690
5/21/20	\$1.540	\$1.620	\$1.690
5/22/20	\$1.540	\$1.620	\$1.690
5/23/20	\$1.540	\$1.620	\$1.690
5/24/20	\$1.540	\$1.620	\$1.690
5/25/20	\$1.540	\$1.620	\$1.690
5/26/20	\$1.540	\$1.620	\$1.690
5/27/20	\$1.510	\$1.590	\$1.620
5/28/20	\$1.510	\$1.590	\$1.620
5/29/20	\$1.510	\$1.590	\$1.620
5/30/20	\$1.510	\$1.590	\$1.620
5/31/20	\$1.510	\$1.590	\$1.620
6/1/20	\$1.510	\$1.590	\$1.620
6/2/20	\$1.460	\$1.520	\$1.660
6/3/20	\$1.460	\$1.520	\$1.660
6/4/20	\$1.460	\$1.520	\$1.660
6/5/20	\$1.460	\$1.520	\$1.660
6/6/20	\$1.460	\$1.520	\$1.660
6/7/20	\$1.460	\$1.520	\$1.660
6/8/20	\$1.460	\$1.520	\$1.660
6/9/20	\$1.410	\$1.520	\$1.590
6/10/20	\$1.410	\$1.520	\$1.590
6/11/20	\$1.410	\$1.520	\$1.590
6/12/20	\$1.410	\$1.520	\$1.590
6/13/20	\$1.410	\$1.520	\$1.590
6/14/20	\$1.410	\$1.520	\$1.590
6/15/20	\$1.410	\$1.520	\$1.590
6/16/20	\$1.310	\$1.370	\$1.450
6/17/20	\$1.310	\$1.370	\$1.450
6/18/20	\$1.310	\$1.370	\$1.450
6/19/20	\$1.310	\$1.370	\$1.450
6/20/20	\$1.310	\$1.370	\$1.450
6/21/20	\$1.310	\$1.370	\$1.450
6/22/20	\$1.310	\$1.370	\$1.450
6/23/20	\$1.410	\$1.460	\$1.450
6/24/20	\$1.410	\$1.460	\$1.450
6/25/20	\$1.410	\$1.460	\$1.450
6/26/20	\$1.410	\$1.460	\$1.450
6/27/20	\$1.410	\$1.460	\$1.450

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6/28/20	\$1.410	\$1.460	\$1.450
6/29/20	\$1.410	\$1.460	\$1.450
6/30/20	\$1.520	\$1.510	\$1.560
7/1/20	\$1.520	\$1.510	\$1.560
7/2/20	\$1.520	\$1.510	\$1.560
7/3/20	\$1.520	\$1.510	\$1.560
7/4/20	\$1.520	\$1.510	\$1.560
7/5/20	\$1.520	\$1.510	\$1.560
7/6/20	\$1.520	\$1.510	\$1.560
7/7/20	\$1.670	\$1.720	\$1.750
7/8/20	\$1.670	\$1.720	\$1.750
7/9/20	\$1.670	\$1.720	\$1.750
7/10/20	\$1.670	\$1.720	\$1.750
7/11/20	\$1.670	\$1.720	\$1.750
7/12/20	\$1.670	\$1.720	\$1.750
7/13/20	\$1.670	\$1.720	\$1.750
7/14/20	\$1.550	\$1.640	\$1.720
7/15/20	\$1.550	\$1.640	\$1.720
7/16/20	\$1.550	\$1.640	\$1.720
7/17/20	\$1.550	\$1.640	\$1.720
7/18/20	\$1.550	\$1.640	\$1.720
7/19/20	\$1.550	\$1.640	\$1.720
7/20/20	\$1.550	\$1.640	\$1.720
7/21/20	\$1.500	\$1.570	\$1.710
7/22/20	\$1.500	\$1.570	\$1.710
7/23/20	\$1.500	\$1.570	\$1.710
7/24/20	\$1.500	\$1.570	\$1.710
7/25/20	\$1.500	\$1.570	\$1.710
7/26/20	\$1.500	\$1.570	\$1.710
7/27/20	\$1.500	\$1.570	\$1.710
7/28/20	\$1.550	\$1.590	\$1.740
7/29/20	\$1.550	\$1.590	\$1.740
7/30/20	\$1.550	\$1.590	\$1.740
7/31/20	\$1.550	\$1.590	\$1.740
8/1/20	\$1.550	\$1.590	\$1.740
8/2/20	\$1.550	\$1.590	\$1.740
8/3/20	\$1.550	\$1.590	\$1.740
8/4/20	\$1.700	\$1.920	\$2.090
8/5/20	\$1.700	\$1.920	\$2.090
8/6/20	\$1.700	\$1.920	\$2.090
8/7/20	\$1.700	\$1.920	\$2.090
8/8/20	\$1.700	\$1.920	\$2.090
8/9/20	\$1.700	\$1.920	\$2.090
8/10/20	\$1.700	\$1.920	\$2.090
8/11/20	\$1.880	\$2.060	\$2.180
8/12/20	\$1.880	\$2.060	\$2.180
8/13/20	\$1.880	\$2.060	\$2.180

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8/14/20	\$1.880	\$2.060	\$2.180
8/15/20	\$1.880	\$2.060	\$2.180
8/16/20	\$1.880	\$2.060	\$2.180
8/17/20	\$1.880	\$2.060	\$2.180
8/18/20	\$1.510	\$2.160	\$2.320
8/19/20	\$1.510	\$2.160	\$2.320
8/20/20	\$1.510	\$2.160	\$2.320
8/21/20	\$1.510	\$2.160	\$2.320
8/22/20	\$1.510	\$2.160	\$2.320
8/23/20	\$1.510	\$2.160	\$2.320
8/24/20	\$1.510	\$2.160	\$2.320
8/25/20	\$1.600	\$2.160	\$2.490
8/26/20	\$1.600	\$2.160	\$2.490
8/27/20	\$1.600	\$2.160	\$2.490
8/28/20	\$1.600	\$2.160	\$2.490
8/29/20	\$1.600	\$2.160	\$2.490
8/30/20	\$1.600	\$2.160	\$2.490
8/31/20	\$1.600	\$2.160	\$2.490
9/1/20	\$1.500	\$1.770	\$2.070
9/2/20	\$1.500	\$1.770	\$2.070
9/3/20	\$1.500	\$1.770	\$2.070
9/4/20	\$1.500	\$1.770	\$2.070
9/5/20	\$1.500	\$1.770	\$2.070
9/6/20	\$1.500	\$1.770	\$2.070
9/7/20	\$1.500	\$1.770	\$2.070
9/8/20	\$1.380	\$1.760	\$2.100
9/9/20	\$1.380	\$1.760	\$2.100
9/10/20	\$1.380	\$1.760	\$2.100
9/11/20	\$1.380	\$1.760	\$2.100
9/12/20	\$1.380	\$1.760	\$2.100
9/13/20	\$1.380	\$1.760	\$2.100
9/14/20	\$1.380	\$1.760	\$2.100
9/15/20	\$1.560	\$1.550	\$1.970
9/16/20	\$1.560	\$1.550	\$1.970
9/17/20	\$1.560	\$1.550	\$1.970
9/18/20	\$1.560	\$1.550	\$1.970
9/19/20	\$1.560	\$1.550	\$1.970
9/20/20	\$1.560	\$1.550	\$1.970
9/21/20	\$1.560	\$1.550	\$1.970
9/22/20	\$0.960	\$1.410	\$1.630
9/23/20	\$0.960	\$1.410	\$1.630
9/24/20	\$0.960	\$1.410	\$1.630
9/25/20	\$0.960	\$1.410	\$1.630
9/26/20	\$0.960	\$1.410	\$1.630
9/27/20	\$0.960	\$1.410	\$1.630
9/28/20	\$0.960	\$1.410	\$1.630
9/29/20	\$0.960	\$1.140	\$1.250

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9/30/20	\$0.960	\$1.140	\$1.250
10/1/20	\$0.960	\$1.140	\$1.250
10/2/20	\$0.960	\$1.140	\$1.250
10/3/20	\$0.960	\$1.140	\$1.250
10/4/20	\$0.960	\$1.140	\$1.250
10/5/20	\$0.960	\$1.140	\$1.250
10/6/20	\$0.950	\$1.240	\$1.730
10/7/20	\$0.950	\$1.240	\$1.730
10/8/20	\$0.950	\$1.240	\$1.730
10/9/20	\$0.950	\$1.240	\$1.730
10/10/20	\$0.950	\$1.240	\$1.730
10/11/20	\$0.950	\$1.240	\$1.730
10/12/20	\$0.950	\$1.240	\$1.730
10/13/20	\$1.790	\$1.950	\$2.100
10/14/20	\$1.790	\$1.950	\$2.100
10/15/20	\$1.790	\$1.950	\$2.100
10/16/20	\$1.790	\$1.950	\$2.100
10/17/20	\$1.790	\$1.950	\$2.100
10/18/20	\$1.790	\$1.950	\$2.100
10/19/20	\$1.790	\$1.950	\$2.100
10/20/20	\$1.110	\$2.550	\$2.650
10/21/20	\$1.110	\$2.550	\$2.650
10/22/20	\$1.110	\$2.550	\$2.650
10/23/20	\$1.110	\$2.550	\$2.650
10/24/20	\$1.110	\$2.550	\$2.650
10/25/20	\$1.110	\$2.550	\$2.650
10/26/20	\$1.110	\$2.550	\$2.650
10/27/20	\$2.320	\$2.800	\$2.940
10/28/20	\$2.320	\$2.800	\$2.940
10/29/20	\$2.320	\$2.800	\$2.940
10/30/20	\$2.320	\$2.800	\$2.940
10/31/20	\$2.320	\$2.800	\$2.940
11/1/20	\$2.320	\$2.800	\$2.940
11/2/20	\$2.320	\$2.800	\$2.940
11/3/20	\$0.940	\$2.150	\$2.520
11/4/20	\$0.940	\$2.150	\$2.520
11/5/20	\$0.940	\$2.150	\$2.520
11/6/20	\$0.940	\$2.150	\$2.520
11/7/20	\$0.940	\$2.150	\$2.520
11/8/20	\$0.940	\$2.150	\$2.520
11/9/20	\$0.940	\$2.150	\$2.520
11/10/20	\$1.640	\$2.560	\$2.640
11/11/20	\$1.640	\$2.560	\$2.640
11/12/20	\$1.640	\$2.560	\$2.640
11/13/20	\$1.640	\$2.560	\$2.640
11/14/20	\$1.640	\$2.560	\$2.640
11/15/20	\$1.640	\$2.560	\$2.640

Staff's Data Request Set 1 No. 14 Attachment C

11/16/20	\$1.640	\$2.560	\$2.640
11/17/20	\$1.900	\$2.060	\$2.300
11/18/20	\$1.900	\$2.060	\$2.300
11/19/20	\$1.900	\$2.060	\$2.300
11/20/20	\$1.900	\$2.060	\$2.300
11/21/20	\$1.900	\$2.060	\$2.300
11/22/20	\$1.900	\$2.060	\$2.300
11/23/20	\$1.900	\$2.060	\$2.300
11/24/20	\$2.010	\$2.080	\$2.220
11/25/20	\$2.010	\$2.080	\$2.220
11/26/20	\$2.010	\$2.080	\$2.220
11/27/20	\$2.010	\$2.080	\$2.220
11/28/20	\$2.010	\$2.080	\$2.220
11/29/20	\$2.010	\$2.080	\$2.220
11/30/20	\$2.010	\$2.080	\$2.220
12/1/20	\$2.180	\$2.460	\$2.520
12/2/20	\$2.180	\$2.460	\$2.520
12/3/20	\$2.180	\$2.460	\$2.520
12/4/20	\$2.180	\$2.460	\$2.520
12/5/20	\$2.180	\$2.460	\$2.520
12/6/20	\$2.180	\$2.460	\$2.520
12/7/20	\$2.180	\$2.460	\$2.520
12/8/20	\$2.050	\$2.280	\$2.370
12/9/20	\$2.050	\$2.280	\$2.370
12/10/20	\$2.050	\$2.280	\$2.370
12/11/20	\$2.050	\$2.280	\$2.370
12/12/20	\$2.050	\$2.280	\$2.370
12/13/20	\$2.050	\$2.280	\$2.370
12/14/20	\$2.050	\$2.280	\$2.370
12/15/20	\$2.340	\$2.520	\$2.610
12/16/20	\$2.340	\$2.520	\$2.610
12/17/20	\$2.340	\$2.520	\$2.610
12/18/20	\$2.340	\$2.520	\$2.610
12/19/20	\$2.340	\$2.520	\$2.610
12/20/20	\$2.340	\$2.520	\$2.610
12/21/20	\$2.340	\$2.520	\$2.610
12/22/20	\$2.390	\$2.510	\$2.610
12/23/20	\$2.390	\$2.510	\$2.610
12/24/20	\$2.390	\$2.510	\$2.610
12/25/20	\$2.390	\$2.510	\$2.610
12/26/20	\$2.390	\$2.510	\$2.610
12/27/20	\$2.390	\$2.510	\$2.610
12/28/20	\$2.390	\$2.510	\$2.610
12/29/20	\$2.120	\$2.190	\$2.280
12/30/20	\$2.120	\$2.190	\$2.280
12/31/20	\$2.120	\$2.190	\$2.280

Columbia Gas of Kentucky, Inc.**Platts' Gas Daily Monthly Average January 2020 - December 2020**

	Columbia Appalachia	Columbia Gulf Mainline	Tennessee Gas 500 Leg
Jan-20	\$1.752	\$1.878	\$1.944
Feb-20	\$1.653	\$1.758	\$1.802
Mar-20	\$1.471	\$1.528	\$1.674
Apr-20	\$1.551	\$1.597	\$1.644
May-20	\$1.506	\$1.587	\$1.668
Jun-20	\$1.398	\$1.465	\$1.545
Jul-20	\$1.549	\$1.609	\$1.692
Aug-20	\$1.671	\$2.013	\$2.213
Sep-20	\$1.355	\$1.673	\$1.877
Oct-20	\$1.414	\$1.897	\$2.141
Nov-20	\$1.686	\$2.289	\$2.476
Dec-20	\$2.233	\$2.416	\$2.505

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

15. Refer to Columbia Kentucky's responses to Commission Staff's First Rehearing Request for Information to Columbia Kentucky, Item 9 in Case No. 2017- 00453¹ regarding Columbia Kentucky's gas procurement methodology. Provide all updates to the information requested in Item 9 of that request for information through the date of this request and on a continuing basis during the pendency of this case.

Response:

- a. "2020-00378 Staff DR Set 1 No. 15 Attachment A" is a summary of the requested contracts and "2020-00378 Staff DR Set 1 No. 15 Attachment B" contains copies of the requested interstate pipeline contracts and storage contracts that were utilized and in place during the most recent year. There were several changes since the submission of Columbia Kentucky's Response to Staff's First Rehearing

¹ Case No. 2017-00453, *Electronic Application of Columbia Gas of Kentucky, Inc. to Extend Its Gas Cost Adjustment Performance Based Rate Mechanism*, Columbia Gas of Kentucky, Inc., Response to Commission Staff's First Rehearing Information Requests Dated January 16, 2020 (filed Jan. 31, 2020).

Request for Information to Columbia Kentucky, Item 9 in Case No. 2017- 00453.

These changes are consistent with the negotiation discussed in Columbia Kentucky's Response to Staff's Second Rehearing Request for Information Number 11 in that case.

The Columbia Gulf contract 79921 was terminated. The 28,000 Dth CKT Firm Transportation Service (FTS) contract 88384 has been terminated, TCO Storage Service Transportation (SST) contracts 80160 and 81540 were consolidated under contract 80160 with a reduction in SST contract volumes from 220,880 Dth to 209,880. Firm Storage Service (FSS) volumes were reduced from 220,800 Dth of Maximum Daily Quantity (MDQ) and 11,264,911 Dth of Storage Contract Quantity to 209,880 and 10,709,880, respectively, on contract 80171. These changes were made to better align contract capacity levels to forecasted demand. These changes will produce savings of approximately \$3 million annually.

- b. There are no changes from the original response.

- c. No changes have occurred to Columbia Kentucky's storage arrangements subsequent to Staff's request regarding gas procurement methodology.

- d. Columbia has not entered into any peaking arrangements since Staff's gas procurement methodology request.
- e. Columbia has made no changes to its nominations and dispatching processes since Staff's gas procurement methodology request.
- f. Columbia Kentucky's sole purpose in utilizing marketing/trading organizations is to procure supplies at upstream purchase points. Columbia Kentucky does not employ these organizations for any other purpose.
- g. There have been no changes since Staff's gas procurement methodology request.
- h. Columbia has made no changes to its gas supply plan or its gas supply planning process since Staff's gas procurement methodology request.
- i. Columbia Kentucky utilizes the same supply-planning software, SENDOUT®, as described in Staff's gas procurement methodology request. Columbia Kentucky is also testing the PLEXOS supply-planning software by Energy Exemplar.

- j. The gas purchasing, planning, and operations departments have changed recently so as to integrate the functions across NiSource Inc. The department now reports directly to the CFO and President of NiSource Business Services to reflect a renewed focus on delivering the best possible services to our operating companies. Within the Energy Supply and Optimization (ES&O) department itself, the planning and scheduling groups now report up through one leader while the gas trading group reports up through another. This will allow NiSource to develop a deeper bench of resources across all the operating companies, and capture best practices across the entire holding company to deliver safe, reliable energy to our customers and their shareholders. With these recent changes, NiSource does not anticipate changes to this structure in the foreseeable future. See “2020-00378 Staff DR Set 1 No. 15 Attachment C” for the corporate and the ES&O organizational charts.
- k. See “2020-00378 Staff DR Set 1 No. 15 Attachment D” for the job descriptions of ES&O department
- l. No changes or additional audits or reports have been conducted since the Staff’s gas procurement methodology request.

m. Columbia Kentucky has made no changes to its strategic plan since Staff's gas procurement methodology request. There are no additional changes to Columbia Kentucky's capacity portfolio beyond those describe in part a. above, nor are there planned changes at this time.

**COLUMBIA GAS OF KENTUCKY, INC.
PORTFOLIO AS OF 11/01/20**

KY PSC CN 2020-00378
Staff's Data Request Set 1 No. 15 Attachment A
Page 1 of 2

PARTY	CONTRACT NUMBER	RATE SCHEDULE	CONTRACT QUANTITY DTH	TERMINATION DATE	NOTICE DATE	NOTES
TCO	80160	SST	209,880 OCT-MAR 104,940 APR-SEPT	3/31/2025	9/30/2024	
TCO	80171	FSS	209,880 MDQ 10,703,880 SCQ	3/31/2025	9/30/2024	
TCO	81527	FTS	20,014	3/31/2025	9/30/2024	
TCO	191914	FTS	5,124	10/31/2024	10/31/2023	
TGP	352324-FTATGP	FT-A	16,000	10/31/2024	4/1/2024	1
CKT	88384	FTS	28,000			TERMINATED
CGT	79921	FTS-1	28,991			TERMINATED
TCO	81540	SST	30,000			TERMINATED
VARIOUS CONTRACTS		LOCAL	7,100	VARIOUS		
TOTAL PEAK DAY CITY GATE DELIVE			242,118			

(1) Contracts do not have rollover or ROFR rights. Will require renegotiation.

**COLUMBIA GAS OF KENTUCKY, INC.
RATES**

KY PSC CN 2020-00378

Staff's Data Request Set 1 No. 15 Attachment A

Page 2 of 2

PARTY	CONTRACT NUMBER	RATE SCHEDULE	RESERVATION RATE	COMMODITY RATE
TCO	80160	SST	\$4.1850	TARIFF
TCO	80171	FSS	TARIFF	TARIFF
TCO	81527	FTS	TARIFF	TARIFF
TCO	191914	FTS	TARIFF	TARIFF
TGP	352324-FTATGP	FT-A	4.5625+ SURCHARGES	TARIFF
CKT	88384	FTS	TARIFF	TARIFF
CGT	79921	FTS-1	TARIFF	TARIFF
TCO	81540	SST	\$4.1850	TARIFF
VARIOUS CONTRACTS		LOCAL		INDEX BASED

Service Agreement No. 80160

Revision No. 9

SST SERVICE AGREEMENT

31st

December, 2020

THIS AGREEMENT is made and entered into this ____ day of _____, _____, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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 SST 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 December 11, 2020, and shall continue in full force and effect until March 31, 2025. 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 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

St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 290 W. Nationwide Blvd., Columbus, OH 43215, Attention: Dan Grieshop, 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): SST No. 80160, Revision No. 8.

COLUMBIA GAS OF KENTUCKY, INC.

By
Title SVP Chief Transformation Officer
Date 12/30/2020

COLUMBIA GAS TRANSMISSION, LLC

By
Title Director, Trans. Acct.& Contracts
Date December 31, 2020

Revision No. 9

Appendix A to Service Agreement No. 80160
Under Rate Schedule SST
between Columbia Gas Transmission, LLC ("Transporter")
and Columbia Gas of Kentucky, Inc. ("Shipper").

<u>Transportation Demand</u>		
<u>Begin Date</u>	<u>End Date</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	10/1 - 3/31
12/11/2020	03/31/2025	4/1 - 9/30

Primary Receipt Points

<u>Begin Date</u>	<u>End Date</u>	<u>Scheduling Point No.</u>	<u>Scheduling Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	STOR	RP Storage Point TCO	209,880	10/1 - 3/31
12/11/2020	03/31/2025	STOR	RP Storage Point TCO	104,940	4/1 - 9/30

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>
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	400143	CKY PAY GAS CONSUMER	134	134	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	400147	CKY PAY GAS CONSUMER	83	83	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	801584	ASHLAND OIL REF.	15,073	1,043	10/1 - 3/31

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803264	FULLERTON DP	1,071	888	100	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803423	FLATWOODS	274	274	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803759	DUPONT	335		200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803773	CKY ASHLAND 8TH STREE	7,726	4,666	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803848	MARKWEST HYDROCARB	788	49	100	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804193	CALGON	3,143	1,627	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804313	WURLAND D.P. (EM)	3,719	2,719	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804319	WESTWOOD	1,615	1,615	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804324	ASH.-BUCKLY RD.	485	257	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804329	GREENUP-UPPER RIGGS	77	30	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804345	GREENUP-LOWER RIGGS	251	198	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804373	GREENUP-UPPER RIGGS	71	71	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804374	GREENUP-CENTER RIGGS	62	62	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804375	FLATWOODS	139	133	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804379	RACELAND-POPLAR HGTS	83	39	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804423	GREENUP CENTER	145	103	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804711	ASH-FRIENDSHIP RD.	777	405	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804949	INTERNATIONAL NICKEL	2,020	272	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805174	CANNONSBURG	343	343	40	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805609	SUMMIT CITY	354	335	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805633	BELHAVEN	212	212	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805676	HILLCREST APTS.	137	57	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805815	BRUCE APTS.	36	34	50	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	814791	AMETEK CORP.	37	16	200	10/1 - 3/31
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	838145	Marathon Line U	2,000		260	10/1 - 3/31

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	400143	CKY PAY GAS CONSUMER	67	67		4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	400147	CKY PAY GAS CONSUMER	42	42		4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	801584	ASHLAND OIL REF.	7,537	522	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803264	FULLERTON DP	536	444	100	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803423	FLATWOODS	137	137	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803759	DUPONT	168		200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803773	CKY ASHLAND 8TH STREE	3,863	2,333	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803848	MARKWEST HYDROCARB	394	25	100	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804193	CALGON	1,572	814	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804313	WURTLAND D.P. (EM)	1,860	1,360	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804319	WESTWOOD	808	808	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804324	ASH.-BUCKLY RD.	243	129	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804329	GREENUP-UPPER RIGGS	39	15	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804345	GREENUP-LOWER RIGGS	126	99	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804373	GREENUP-UPPER RIGGS	36	36	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804374	GREENUP-CENTER RIGGS	31	31	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804375	FLATWOODS	70	67	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804379	RACELAND-POPLAR HGTS	42	20	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804423	GREENUP CENTER	73	52	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804711	ASH-FRIENDSHIP RD.	389	203	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804949	INTERNATIONAL NICKEL	1,010	136	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805174	CANNONSBURG	172	172	40	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805609	SUMMIT CITY	177	168	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805633	BELHAVEN	106	106	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805676	HILLCREST APTS.	69	29	50	4/1 - 9/30

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>
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805815	BRUCE APTS.	18	17	50	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	814791	AMETEK CORP.	19	8	200	4/1 - 9/30
12/11/2020	03/31/2025	17-15	COL GAS OF KY 03-15	838145	Marathon Line U	1,000		260	4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400137	CKY PAY GAS CONSUMER	140	140		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400139	CKY PAY GAS CONSUMER	157	157		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400149	CKY PAY GAS CONSUMER	216	216		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400151	CKY PAY GAS CONSUMER	43	43		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400153	CKY PAY GAS CONSUMER	66	66		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400155	CKY PAY GAS CONSUMER	24	24		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803769	LOUISA POD	699	699		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803770	LOUISA	113	112		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803771	HAROLD-LAYNESVILLE	112	112		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803772	HAROLD-LAYNESVILLE	493	493		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803775	LOUISA POD	1,171	1,000		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803782	LANCER	237	237		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804127	CANEY CK. COMMUNITY	132	131		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804517	BRANDY KEG CK.	21	12		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804767	MARTIN GAS CO.	47	32		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804779	KNOTT CO. BD. OF EDUC.	29	29		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804954	MIKE LITTLE GAS CO.	132	122	50	10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	805682	AMERICAN STANDARD	213	68		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	805686	PIPPA PASSES	12	11		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	814637	ALICE LLOYD COLLEGE	54	45		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	817722	GREEN MEADOWS D.P.	70	70		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	820005	EAST KENTUCKY PAVING	796			10/1 - 3/31

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	823289	SOUTH WILLIAMSON D.P.	643	519		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	828673	Martin Housing Authority	36	33		10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	846041	BIG SANDY ASPHALT	0			10/1 - 3/31
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400137	CKY PAY GAS CONSUMER	70	70		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400139	CKY PAY GAS CONSUMER	79	79		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400149	CKY PAY GAS CONSUMER	108	108		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400151	CKY PAY GAS CONSUMER	22	22		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400153	CKY PAY GAS CONSUMER	33	33		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	400155	CKY PAY GAS CONSUMER	12	12		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803769	LOUISA POD	350	350		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803770	LOUISA	57	56		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803771	HAROLD-LAYNESVILLE	56	56		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803772	HAROLD-LAYNESVILLE	247	247		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803775	LOUISA POD	586	500		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	803782	LANCER	119	119		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804127	CANEY CK. COMMUNITY	66	66		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804517	BRANDY KEG CK.	11	6		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804767	MARTIN GAS CO.	24	16		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804779	KNOTT CO. BD. OF EDUC.	15	15		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	804954	MIKE LITTLE GAS CO.	66	61	50	4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	805682	AMERICAN STANDARD	107	34		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	805686	PIPPA PASSES	6	6		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	814637	ALICE LLOYD COLLEGE	27	23		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	817722	GREEN MEADOWS D.P.	35	35		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	820005	EAST KENTUCKY PAVING	398			4/1 - 9/30

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>
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	823289	SOUTH WILLIAMSON D.P.	322	260		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	828673	Martin Housing Authority	18	17		4/1 - 9/30
12/11/2020	03/31/2025	17-16	COL GAS OF KY 03-16	846041	BIG SANDY ASPHALT	0			4/1 - 9/30
12/11/2020	03/31/2025	17-18	COL GAS OF KY 03-18	420043	INEZ-WALLBRIDGE KY PAY	4	4		10/1 - 3/31
12/11/2020	03/31/2025	17-18	COL GAS OF KY 03-18	420043	INEZ-WALLBRIDGE KY PAY	2	2		4/1 - 9/30
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	400157	CKY PAY GAS CONSUMER	486	486		10/1 - 3/31
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	803618	FOSTER D P	58	58	50	10/1 - 3/31
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	805258	CKY-STEPSTONE	3,511	3,000	200	10/1 - 3/31
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	829541	LAKE CARNICO	59,129	43,979	500	10/1 - 3/31
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	400157	CKY PAY GAS CONSUMER	243	243		4/1 - 9/30
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	803618	FOSTER D P	29	29	50	4/1 - 9/30
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	805258	CKY-STEPSTONE	1,756	1,500	200	4/1 - 9/30
12/11/2020	03/31/2025	18-10	COL GAS OF KY 06-10	829541	LAKE CARNICO	29,565	21,990	500	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	803523	MAYSVILLE D.P.	6,513	6,018	150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	803585	WASHINGTON -HIGHLAND	89	89	150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	804451	WASHINGTON - MAIN TAP	1,700	1,700	150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	804940	MAYSVILLE EAST TAP	53	51	150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	805158	GERMANTOWN	276	275	150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	834119	MAYSVILLE MATERIALS	825		150	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	834288	MAYSVILLE INDUSTRIAL	400	200	200	10/1 - 3/31
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	803523	MAYSVILLE D.P.	3,257	3,009	150	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	803585	WASHINGTON -HIGHLAND	45	45	150	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	804451	WASHINGTON - MAIN TAP	850	850	150	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	804940	MAYSVILLE EAST TAP	27	26	150	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	805158	GERMANTOWN	138	138	150	4/1 - 9/30

Primary Delivery Points

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12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	834119	MAYSVILLE MATERIALS	413		150	4/1 - 9/30
12/11/2020	03/31/2025	18-11	COL GAS OF KY 06-11	834288	MAYSVILLE INDUSTRIAL	200	100	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	400169	CKY PAY GAS CONSUMER	188	188		10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	400173	CKY PAY GAS CONSUMER	462	462		10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803537	PHILIPS LIGHTING COMPA	197	179	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803599	MT. STERLING D.P.	4,208	4,200	400	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803600	CKY WINCHESTER	7,251	6,823	350	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803602	PARIS CYNTHIANA	12,008	6,970	275	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	804399	BYBEE POTTERY	27	14	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805095	LEXINGTON MUTH	79,547	65,846	250	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805233	CIRCUIT COURT	1,069	984	200	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805460	WINCHESTER RT. 89	5,739	4,371	200	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805544	WACO -BYBEE	261	261	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805546	AVON-CLINTONVILLE	407	407	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805776	ATHENS	132	131	250	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805968	YEISER, INC...	62	60	200	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817712	HILLCREST SUBDIVISION	136	136	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817714	YORKTOWN MOBILE HOM	53	51	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817715	KERRS MOBILE HOME PA	24	24	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817716	WAYLAND AVE. D.P.	46	46	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817717	JUDIANA & ROCKWELL	210	127	200	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817718	BOONE VILLAGE	72	72	250	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817719	COUNTRY CLUB HTS.	47	47	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817721	UNION CITY D.P.	54	54	150	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	820375	LEXINGTON	87,255	83,913	250	10/1 - 3/31

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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	823283	WINCHESTER FARMS DAI	2,000	1,300	200	10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	832885	SOUTHERN HILLS SUBDIV	0			10/1 - 3/31
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	400169	CKY PAY GAS CONSUMER	94	94		4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	400173	CKY PAY GAS CONSUMER	231	231		4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803537	PHILIPS LIGHTING COMPA	99	90	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803599	MT. STERLING D.P.	2,104	2,100	400	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803600	CKY WINCHESTER	3,626	3,412	350	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	803602	PARIS CYNTHIANA	6,004	3,485	275	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	804399	BYBEE POTTERY	14	7	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805095	LEXINGTON MUTH	39,774	32,923	250	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805233	CIRCUIT COURT	535	492	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805460	WINCHESTER RT. 89	2,870	2,186	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805544	WACO -BYBEE	131	131	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805546	AVON-CLINTONVILLE	204	204	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805776	ATHENS	66	66	250	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	805968	YEISER, INC...	31	30	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817712	HILLCREST SUBDIVISION	68	68	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817714	YORKTOWN MOBILE HOM	27	26	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817715	KERRS MOBILE HOME PA	12	12	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817716	WAYLAND AVE. D.P.	23	23	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817717	JUDIANA & ROCKWELL	105	64	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817718	BOONE VILLAGE	36	36	250	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817719	COUNTRY CLUB HTS.	24	24	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	817721	UNION CITY D.P.	27	27	150	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	820375	LEXINGTON	43,628	41,957	250	4/1 - 9/30

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>
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	823283	WINCHESTER FARMS DAI	1,000	650	200	4/1 - 9/30
12/11/2020	03/31/2025	18-12	COL GAS OF KY 06-12	832885	SOUTHERN HILLS SUBDIV	0			4/1 - 9/30
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	400165	CKY PAY GAS CONSUMER	21	21		10/1 - 3/31
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	400167	CKY PAY GAS CONSUMER	50	50		10/1 - 3/31
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	804301	CKY-IRVINE	3,453	3,453	150	10/1 - 3/31
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	817720	WINSTON D.P. LINE	89	89	150	10/1 - 3/31
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	400165	CKY PAY GAS CONSUMER	11	11		4/1 - 9/30
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	400167	CKY PAY GAS CONSUMER	25	25		4/1 - 9/30
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	804301	CKY-IRVINE	1,727	1,727	150	4/1 - 9/30
12/11/2020	03/31/2025	18-13	COL GAS OF KY 06-13	817720	WINSTON D.P. LINE	45	45	150	4/1 - 9/30

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

At Measuring Point No. 829541 during the months of November through March of each year - The Minimum Delivery Pressure Obligation is 750 psig whenever the forecasted low temperature used by Transporter's Gas Control for the Lexington, KY area is 20 degrees F or lower. Regardless of the forecasted temperature, if the actual temperature in the Lexington, KY area should fall below 20 degrees F, Transporter will provide, to the extent operationally feasible, a Minimum Delivery Pressure Obligation of 750 psig. If forecasted low temperature for the Lexington, KY area is above 20 degrees F, the Minimum Delivery Pressure Obligation is 600 psig.

At Measuring Point No. 829541 during the months of April through October of each year - The Minimum Delivery Pressure Obligation is 500 psig.

Unless Measuring Point specific Maximum Daily Delivery Obligations (MDDO's) are specified in a separate firm service agreement between Transporter and Shipper, Transporter's aggregate MDDO, under this and any other service agreement between Transporter and Shipper, at the Measuring Point listed above shall not exceed the MDDO quantities set forth above for each Measuring Point. In addition, Transporter shall not be obligated on any day to deliver in total more than the Aggregate Daily Quantities (ADQ's) listed below for each specified Market Area. The Market Area in which each Measuring Point is located is posted on Transporter's EBB and incorporated herein by reference. Any Measuring Point specific MDDO's in a separate firm service agreement between Transporter and Shipper shall be additive both to the individual MDDO's and DDQ's set forth above and to any applicable ADQ's set forth below.

Market Area Number / Market Area Name / ADQ

10 - Cincinnati - 47,523

11 - Aberdeen - 8,133

12 - Lexington - 168,475

13 - Manchester - 3,613

ADQ for Market Areas 10-13 - 193,861

15 - Portsmouth - 15,665

16 - Lancer - 4,371

18 - Kentucky Miscellaneous - 4

ADQ for Market Areas 15, 16, and 18 - 16,019

The Master List of Interconnects ("MLI") as defined in Section 1 of the General Terms and Conditions of Transporter's FERC Gas Tariff is incorporated herein by reference for purposes of listing valid secondary interruptible receipt 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) The MDDOs, ADQs, and/or DDQs set forth in Appendix A to Shipper's _____ Service Agreement No. _____ 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.

COLUMBIA GAS OF KENTUCKY, INC.

By 
Title SVP Chief Transformation Officer
Date 12/30/2020



COLUMBIA GAS TRANSMISSION, LLC
By 
Title DIRECTOR, Trans. Acct. & Contracts
Date December 31, 2020

Service Agreement No. 80171

Revision No. 2

FSS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 26 day of March, 2020, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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 FSS 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. Transporter shall store quantities of gas for Shipper up to but not exceeding Shipper's Storage Contract Quantity as 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 1, 2020, and shall continue in full force and effect until March 31, 2025. 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 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 St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 200 Civic Center Drive, P. O. Box 117, Columbus, OH 43216 0117, Attention: Columbia Gas Of Kentucky, Inc, 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): FSS No. 80171, Revision No. 1.

COLUMBIA GAS OF KENTUCKY, INC.

By Lynn Burke
Title Analyst
Date March 26, 2020

COLUMBIA GAS TRANSMISSION, LLC

By Kay Dennison
Title Director
Date November 13, 2019

Revision No. 2

Appendix A to Service Agreement No. 80171
Under Rate Schedule FSS
between Columbia Gas Transmission, LLC ("Transporter")
and Columbia Gas of Kentucky, Inc. ("Shipper")

<u>Storage Contract Quantity</u>			
<u>Begin Date</u>	<u>End Date</u>	<u>Storage Contract Quantity (Dth)</u>	<u>Maximum Daily Storage Quantity (Dth/day)</u>
April 1, 2020	March 31, 2025	10,703,880	209,880

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) 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.

COLUMBIA GAS OF KENTUCKY, INC.

By Lynn Burke
Title Analyst
Date March 26, 2020

COLUMBIA GAS TRANSMISSION, LLC

By Kay Dennison
Title Director
Date November 13, 2019

Service Agreement No. 81527

Revision No. 1

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 18 day of March, 2020, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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 1, 2020, and shall continue in full force and effect until March 31, 2025. 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 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 St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be

addressed to it at Columbia Gas of Kentucky, Inc., 290 W. Nationwide Blvd., Columbus, OH 43215, Attention: Kent Koch, 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): FTS No. 81527, Revision No. 0.

COLUMBIA GAS OF KENTUCKY, INC.

By Lynn Burke
Title Analyst
Date March 18, 2020

COLUMBIA GAS TRANSMISSION, LLC

By Carol Wehlmann
Title Manager
Date March 11, 2020

Revision No. 1

Appendix A to Service Agreement No. 81527
 Under Rate Schedule FTS
 between Columbia Gas Transmission, LLC ("Transporter")
 and Columbia Gas of Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
04/01/2020	03/31/2025	20,014	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>
04/01/2020	03/31/2025	B9	BROAD RUN-19	B9	BROAD RUN-19	20,014		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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	801584	ASHLAND OIL REF.	1,771			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803264	FULLERTON DP	1,312			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803423	FLATWOODS	405			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803759	DUPONT	0			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803773	CKY ASHLAND 8TH STREET	6,890			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	803848	MARKWEST HYDROCARBON	73			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804313	WURTLAND D.P. (EM)	4,017			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804319	WESTWOOD	2,385			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804324	ASH.-BUCKLY RD.	380			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804329	GREENUP-UPPER RIGGS	45			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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804345	GREENUP-LOWER RIGGS	292			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804373	GREENUP-UPPER RIGGS	105			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804374	GREENUP-CENTER RIGGS	91			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804375	FLATWOODS	196			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804379	RACELAND-POPLAR HGTS.	58			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804423	GREENUP CENTER	152			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	804711	ASH-FRIENDSHIP RD.	598			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805174	CANNONSBURG	277			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805609	SUMMIT CITY	496			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805633	BELHAVEN	313			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805676	HILLCREST APTS.	85			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	805815	BRUCE APTS.	50			1/1 - 12/31
04/01/2020	03/31/2025	17-15	COL GAS OF KY 03-15	814791	AMETEK CORP.	23			1/1 - 12/31

1/

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

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.

COLUMBIA GAS OF KENTUCKY, INC.

By Lynn Burke
Title Analyst
Date March 18, 2020

COLUMBIA GAS TRANSMISSION, LLC

By Carol Wehlmann
Title Manager
Date March 11, 2020

Service Agreement No. 191914

Revision No. 1

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 23rd day of October, 2020, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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 November 1, 2020, and shall continue in full force and effect until October 31, 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 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

St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 290 W. Nationwide Blvd., Columbus, OH 43215, Attention: Dan Grieshop, 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): FTS No. 191914, Revision No. 0.

COLUMBIA GAS OF KENTUCKY, INC.

By DocuSigned by:
Michael D. Watson
06928091544100
Title VP Supply and Optimization
Date 10/22/2020

COLUMBIA GAS TRANSMISSION, LLC

By DocuSigned by:
Carol Wehlmann
17F6410035B7436
Title Manager, USNG Contracts
Date october 23, 2020

DS
TR

Revision No. 1

Appendix A to Service Agreement No. 191914
Under Rate Schedule FTS
between Columbia Gas Transmission, LLC ("Transporter")
and Columbia Gas of Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2020	10/31/2024	5,124	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>
11/01/2020	10/31/2024	801	TCO-LEACH	801	TCO-LEACH	5,124		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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	400143	CKY PAY GAS CONSUMERS	53	53		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	400147	CKY PAY GAS CONSUMERS	20	20		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	801584	ASHLAND OIL REF.	1,200	1,200		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	803848	MARKWEST HYDROCARBON	1,087	1,087		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	804193	CALGON	521	521		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	804374	GREENUP-CENTER RIGGS	64	64		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	804379	RACELAND-POPLAR HGTS.	8	8		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	805676	HILLCREST APTS.	347	347		1/1 - 12/31
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	814791	AMETEK CORP.	35	35		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) 1/</u>	<u>Design Daily Quantity (Dth/day) 1/</u>	<u>Minimum Delivery Pressure Obligation (psig) 1/</u>	<u>Recurrence Interval</u>
11/01/2020	10/31/2024	17-15	COL GAS OF KY 03-15	838145	Marathon Line U	1,789	1,789		1/1 - 12/31

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

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.

COLUMBIA GAS OF KENTUCKY, INC.

By Michael D. Watson
 Title VP Supply and Optimization
 Date 10/22/2020

DS
TR

COLUMBIA GAS TRANSMISSION, LLC

By Carol Wehlmann
 Title Manager, USNG Contracts
 Date October 23, 2020

GAS TRANSPORTATION AGREEMENT
(For Use Under FT-A Rate Schedule)

THIS AGREEMENT is made and entered into as of the 1 day of November, 2019, by and between TENNESSEE GAS PIPELINE COMPANY, L.L.C., a Delaware limited liability company, hereinafter referred to as "Transporter" and COLUMBIA GAS OF KENTUCKY INC., a KENTUCKY CORPORATION, hereinafter referred to as "Shipper." Transporter and Shipper shall collectively be referred to herein as the "Parties."

NOW THEREFORE, Transporter and Shipper agree as follows:

ARTICLE I

DEFINITIONS

- 1.1 TRANSPORTATION QUANTITY - shall mean the maximum daily quantity of gas which Transporter agrees to receive and transport on a firm basis, subject to Article II herein, for the account of Shipper hereunder on each day during the term hereof, as specified on Exhibit "A" attached hereto. Any limitations on the quantities to be received from each Point of Receipt and/or delivered to each Point of Delivery shall be as specified on Exhibit "A" attached hereto.
- 1.2 EQUIVALENT QUANTITY - shall be as defined in Article I of the General Terms and Conditions of Transporter's FERC Gas Tariff.
- 1.3 COMMENCEMENT DATE – shall mean November 1, 2019.

ARTICLE II

TRANSPORTATION

Commencing upon the Commencement Date, Transporter agrees to accept and receive daily on a firm basis, in accordance with Rate Schedule FT-A, at the Point(s) of Receipt from Shipper or for Shipper's account such quantity of gas as Shipper makes available up to the Transportation Quantity, and to deliver to or for the account of Shipper to the Point(s) of Delivery an Equivalent Quantity of gas.

ARTICLE III

POINT(S) OF RECEIPT AND DELIVERY

The Primary Point(s) of Receipt and Delivery shall be those points specified on Exhibit "A" attached hereto.

ARTICLE IV

FACILITIES

All facilities are in place to render the service provided for in this Agreement and Transporter shall have no obligation to build facilities to perform this service.

ARTICLE V

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

QUALITY SPECIFICATIONS AND STANDARDS FOR MEASUREMENT

For all gas received, transported and delivered hereunder the Parties agree to the Quality Specifications and Standards for Measurement as specified in the General Terms and Conditions of Transporter's FERC Gas Tariff. To the extent that no new measurement facilities are installed to provide service hereunder, measurement operations will continue in the manner in which they have previously been handled. In the event that such facilities are not operated by Transporter or a downstream pipeline, then responsibility for operations shall be deemed to be Shipper's.

ARTICLE VI

RATES AND CHARGES

- 6.1 TRANSPORTATION RATES - Commencing upon the Commencement Date, the rates, charges, and surcharges to be paid by Shipper to Transporter for the transportation service provided herein shall be in accordance with Transporter's Rate Schedule FT-A and the General Terms and Conditions of Transporter's FERC Gas Tariff.

Except as provided to the contrary in any written or electronic agreement(s) between Transporter and Shipper in effect during the term of this Agreement, Shipper shall pay Transporter the applicable maximum rate(s) and all other applicable charges and surcharges specified in the Summary of Rates and Charges in Transporter's FERC Gas Tariff and in Rate Schedule FT-A. Transporter and Shipper may mutually agree from time to time to discounted rates or Negotiated Rates for service provided hereunder in accordance with the provisions of Rate Schedule FT-A and the General Terms and Conditions of Transporter's FERC Gas Tariff.

Transporter and Shipper may agree that a specific discounted rate will apply only to certain volumes under the agreement. Transporter and Shipper may agree that a specified discounted rate will apply only to specified volumes (MDQ, TQ, commodity volumes, Extended Receipt and Delivery Service Volumes or Authorized Overrun volumes) under the Agreement; that a specified discounted rate will apply only if specified volumes are achieved (with the maximum rates applicable to volumes above the specified volumes or to all volumes if the specified volumes are never achieved); that a specified discounted rate will apply only during specified periods of the year or over a specifically defined period of time; that a specified discounted rate will apply only to specified points, zones, markets or other defined geographical area; and/or that a specified discounted rate will apply only to production or reserves committed or dedicated to Transporter. Transporter and Shipper may agree to a specified discounted rate pursuant to the provisions of this Section 6.1 provided that the discounted rate is between the applicable maximum and minimum rates for this service.

In addition, a 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 Rates 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, as long as none of the resulting rate components exceed the Maximum Rate applicable to that rate component. Such

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

changes to rate components shall be applied prospectively, commencing with the date a Commission Order accepts revised tariff sheet rates. However, nothing contained herein shall be construed to alter a refund obligation under applicable law for any period during which rates that had been charged under a discount agreement exceeded rates which ultimately are found to be just and reasonable.

- 6.2 INCIDENTAL CHARGES - Shipper agrees to reimburse Transporter for any filing or similar fees, which have not been previously paid for by Shipper, which Transporter incurs in rendering service hereunder.
- 6.3 CHANGES IN RATES AND CHARGES - Shipper agrees that Transporter shall have the unilateral right to file with the appropriate regulatory authority and make effective changes in (a) the rates and charges applicable to service pursuant to Transporter's Rate Schedule FT-A or any successor rate schedule, (b) the rate schedule(s) pursuant to which service hereunder is rendered, and/or (c) any provision of the General Terms and Conditions of Transporter's FERC Gas Tariff applicable to those rate schedules or this Agreement. Transporter agrees that Shipper may protest or contest the aforementioned filings, and may seek authorization from duly constituted regulatory authorities for such adjustment of Transporter's existing FERC Gas Tariff as may be found necessary to assure Transporter just and reasonable rates.
- 6.4 [Not applicable.]

ARTICLE VII

BILLINGS AND PAYMENTS

Transporter shall bill and Shipper shall pay all rates and charges in accordance with Articles VII and VIII, respectively, of the General Terms and Conditions of Transporter's FERC Gas Tariff.

ARTICLE VIII

RATE SCHEDULE AND GENERAL TERMS AND CONDITIONS

This Agreement shall be subject to the effective provisions of Transporter's Rate Schedule FT-A and to the General Terms and Conditions of Transporter's FERC Gas Tariff incorporated therein, as the same may be changed or superseded from time to time in accordance with the rules and regulations of the FERC.

ARTICLE IX

REGULATION

- 9.1 This Agreement shall be subject to all applicable and lawful governmental statutes, orders, rules and regulations and is contingent upon the receipt and continuation of all necessary regulatory approvals or authorizations upon terms acceptable to Transporter. This Agreement shall be void and of no force and effect if any necessary regulatory approval is

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

not so obtained or continued. All Parties hereto shall cooperate to obtain or continue all necessary approvals or authorizations, but no Party shall be liable to any other Party for failure to obtain or continue such approvals or authorizations.

- 9.2 The transportation service described herein shall be provided subject to Subpart G, Part 284 of the FERC Regulations.

ARTICLE X

RESPONSIBILITY DURING TRANSPORTATION

Except as herein specified, the responsibility for gas during transportation shall be as stated in the General Terms and Conditions of Transporter's FERC Gas Tariff.

ARTICLE XI

WARRANTIES

- 11.1 In addition to the warranties set forth in Article XI of the General Terms and Conditions of Transporter's FERC Gas Tariff, Shipper warrants the following:
- (a) Shipper warrants that all upstream and downstream transportation arrangements are in place, or will be in place by the Commencement Date, and that it has advised the upstream and downstream transporters of the receipt and delivery points under this Agreement and any quantity limitations for each point as specified on Exhibit "A" attached hereto. Shipper agrees to indemnify and hold Transporter harmless for refusal to transport gas hereunder in the event any upstream or downstream transporter fails to receive or deliver gas as contemplated by this Agreement.
 - (b) [Not applicable.]
 - (c) Shipper agrees to indemnify and hold Transporter harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses (including reasonable attorneys fees) arising from or out of breach of any warranty by Shipper herein.
- 11.2 Transporter shall not be obligated to provide or continue service hereunder in the event of any breach of warranty.
- 11.3 [Not applicable.]

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

ARTICLE XII

TERM

- 12.1 This Agreement shall be effective as of the date hereof. Service hereunder shall commence on the Commencement Date, and shall continue in effect until October 31, 2024 ("Primary Term"), unless modified as per Exhibit "B". Any rights to Shipper's extension of this Agreement after the Primary Term shall be set forth in Exhibit "A" hereto; provided, however, if Exhibit "A" does not specify Shipper's extension rights under the Agreement, and if the Primary Term is one year or more, then any rights to Shipper's extension of this Agreement after the Primary Term shall be governed by Article V, Section 4 of the General Terms and Conditions of Transporter's FERC Gas Tariff; and provided further, that if the FERC or other governmental body having jurisdiction over the service rendered pursuant to this Agreement authorizes abandonment of such service, this Agreement shall terminate on the abandonment date permitted by the FERC or such other governmental body.
- 12.2 Any portions of this Agreement necessary to resolve or cash out imbalances under this Agreement as required by the General Terms and Conditions of Transporter's FERC Gas Tariff shall survive the other parts of this Agreement until such time as such balancing has been accomplished; provided, however, that Transporter notifies Shipper of such imbalance not later than twelve months after the termination of this Agreement.
- 12.3 This Agreement will terminate automatically upon written notice from Transporter in the event Shipper fails to pay all of the amount of any bill for service rendered by Transporter hereunder in accord with the terms and conditions of Article VIII of the General Terms and Conditions of Transporter's FERC Gas Tariff.

ARTICLE XIII

NOTICE

Except as otherwise provided in the General Terms and Conditions of Transporter's FERC Gas Tariff applicable to this Agreement, any notice under this Agreement shall be in writing and mailed to the address of the Party intended to receive the same, as follows:

TRANSPORTER: Tennessee Gas Pipeline Company, L.L.C.
1001 Louisiana Street, Suite 1000
Houston, Texas 77002

Attention: Director, Transportation Services

SHIPPER:

NOTICES: COLUMBIA GAS OF KENTUCKY INC.

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

290 W. NATIONWIDE BLVD.

COLUMBUS, OH 43215

Attention: MIKE ANDERSON

BILLING: COLUMBIA GAS OF KENTUCKY INC.

290 W. NATIONWIDE BLVD.

COLUMBUS, OH 43215

Attention: MANAGER GAS-PURCHASE

or to such other address as either Party shall designate by formal written notice to the other.

ARTICLE XIV

ASSIGNMENTS

- 14.1 Either Party may assign or pledge this Agreement and all rights and obligations hereunder under the provisions of any mortgage, deed of trust, indenture, or other instrument which it has executed or may execute hereafter as security for indebtedness. Either Party may, without relieving itself of its obligation under this Agreement, assign any of its rights hereunder to a company with which it is affiliated. Otherwise, Shipper shall not assign this Agreement or any of its rights hereunder, except in accord with Article VI, Section 1 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
- 14.2 Any person which shall succeed by purchase, merger, or consolidation to the properties, substantially as an entirety, of either Party hereto shall be entitled to the rights and shall be subject to the obligations of its predecessor in interest under this Agreement.

ARTICLE XV

MISCELLANEOUS

- 15.1 THE INTERPRETATION AND PERFORMANCE OF THIS CONTRACT SHALL BE IN ACCORDANCE WITH AND CONTROLLED BY THE LAWS OF THE STATE OF TEXAS, WITHOUT REGARD TO THE DOCTRINES GOVERNING CHOICE OF LAW.
- 15.2 If any provision of this Agreement is declared null and void, or voidable, by a court of competent jurisdiction, then that provision will be considered severable at either Party's option; and if the severability option is exercised, the remaining provisions of the Agreement shall remain in full force and effect.
- 15.3 Unless otherwise expressly provided in this Agreement or Transporter's FERC Gas Tariff, no modification of or supplement to the terms and provisions stated in this Agreement shall be

GAS TRANSPORTATION AGREEMENT (continued)
(For Use Under FT-A Rate Schedule)

or become effective until Shipper has submitted a request for change through Transporter's Interactive Website and Shipper has been notified through Transporter's Interactive Website of Transporter's agreement to such change.

- 15.4 Exhibit "A" and, when applicable, Exhibit "B" attached hereto are incorporated herein by reference and made a part hereof for all purposes.
- 15.6 [Not applicable.]
- 15.7 [Not applicable.]

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be duly executed as of the date first hereinabove written.

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

ERNESTO A OCHOA
BY: _____
Agent and Attorney-in-Fact

COLUMBIA GAS OF KENTUCKY INC.

DANIEL J GRIESHOP
BY: _____

TITLE: _____

29 October 2019
DATE: _____

GAS TRANSPORTATION AGREEMENT
 (For Use Under FT-A Rate Schedule)

EXHIBIT A
 AMENDMENT NO. 0
 TO GAS TRANSPORTATION AGREEMENT
 DATED November 1, 2019
 BETWEEN
 TENNESSEE GAS PIPELINE COMPANY, L.L.C.
 AND
 COLUMBIA GAS OF KENTUCKY INC.

Amendment Effective Date: November 1, 2019

Service Package: 352324-FTATGP

Service Package TQ: 16000 Dth

Beginning Date	Ending Date	TQ
11/01/2019	10/31/2024	16,000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
11/01/2019	10/31/2024	420999	POOLING PT - 500 LEG - ZONE L	TENNESSEE GAS PIPELINE	FORREST	MS	L	R	500	16000
11/01/2019	10/31/2024	400459	COL GAS/TGP BROAD RUN COBB WV KANAW	COLUMBIA GAS TRNSMISSION	KANAWHA	WV	03	D	100	16000

Total Receipt TQ 16000

Total Delivery TQ 16000

Number of Receipt Points: 1

Number of Delivery Points: 1

GAS TRANSPORTATION AGREEMENT
(For Use Under FT-A Rate Schedule)

“Other Provisions Permitted By Tariff Under the Applicable Rate Schedule and/or General Terms and Conditions and Pursuant to Article XXXVI of the General Terms and Conditions of Transporter’s FERC Gas Tariff.”

Note: Exhibit A is a reflection of the contract and all amendments as of the amendment effective date.

GAS TRANSPORTATION AGREEMENT
(For Use Under FT-A Rate Schedule)



Tennessee Gas Pipeline
Company, L.L.C.
a Kinder Morgan company

October 25, 2019

Columbia Gas of Kentucky
290 W. Nationwide Blvd.
Columbus, OH 43215
Attention: Michael D. Anderson

RE: Discounted Rate Agreement ("Letter Agreement")
Rate Schedule FT-A Service Package No. 352324

Dear Michael:

In response to the request of Columbia Gas of Kentucky ("Shipper") and pursuant to Section 5.1 Rate Schedule FT-A of Tennessee Gas Pipeline Company L.L.C.'s ("Tennessee") FERC Gas Tariff, as may be amended from time to time ("Tariff"), Tennessee hereby agrees to adjust its then applicable Rate Schedule FT-A transportation rates. For the period commencing on the November 1, 2019 and extending through October 31, 2024 listed in Exhibit A to the Gas Transportation Agreement, the rate shall be adjusted as follows:

1. a) If Shipper attempts to apply this discount to any volumes and/or to any points not eligible for the discount and thereby fails to pay correctly invoiced and undisputed amounts, then, if such failure is not cured within thirty days of provision of notice by Tennessee to Shipper of such failure, Tennessee shall have the right, in its sole discretion, to immediately terminate this discount with Shipper and/or to assess, from the date of such violation of the terms of discount, the applicable Base Rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.
- b) For transportation service from the primary receipt point(s) listed in Exhibit A to the Gas Transportation Agreement to the primary delivery point(s) listed in Exhibit A to the Gas Transportation Agreement, and for gas delivered by Tennessee on behalf of Shipper on a secondary basis to delivery meters 400459, 460017, 420049, 420045 and/or 420079; and for volumes received by Tennessee on a secondary basis from any Zone 1 or Zone L receipt meters under the applicable Rate Schedule FT-A transportation rates for service provided under the Service Package will be:
 - i) A monthly reservation rate equal to the lesser of (i) \$4.5625 per Dth, or (ii) Tennessee's maximum applicable monthly reservation rate.
 - and
 - ii) A daily commodity rate equal to Tennessee's Maximum Applicable Commodity rate. In addition to the reservation and commodity rates specified above, for deliveries to the "Dominion/TGP Broad Run Cornwell Kan" meter (#420044), Shipper shall pay an incremental daily reservation rate equal to \$ 0.0605 per Dth/day; provided, however, that Shipper's total obligation for monthly reservation charges and incremental daily reservation charges shall not exceed Tennessee's maximum applicable reservation rate, either on a daily or monthly basis.

In addition, Shipper shall also pay ACA, applicable Fuel and Loss Retention ("F&LR") and Electric Power Cost Recovery ("EPCR") charges and all applicable surcharges specified in Tennessee's Tariff.

OCTOBER 25, 2019
COLUMBIA GAS OF KENTUCKY
MICHAEL ANDERSON

PAGE 2 of 2

- c) Receipts from and/or deliveries to points other than those listed above during the term of this Letter Agreement shall result in Shipper being assessed Tennessee's Base Reservation Rate under Rate Schedule FT-A applicable to the primary path divided by the number of days in the month for the entire gas transportation agreement TQ on the day(s) of such deliveries and Tennessee's applicable daily Base Commodity Rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all applicable surcharges under Rate Schedule FT-A.
2. If any terms of this Letter Agreement are disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee may immediately terminate this Letter Agreement. If any terms of this Letter Agreement are in any way modified by order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee and Shipper may mutually agree to amend this Letter Agreement in order to ensure that the original commercial intent of the parties is preserved. In the event that the parties cannot achieve mutual agreement, Tennessee reserves the right to immediately terminate this Letter Agreement.

If Shipper is interested in entering into the Letter Agreement for firm capacity in accordance with the terms proposed above, please have the authorized representative of Shipper execute this Letter Agreement and return to the undersigned. This Letter Agreement will become binding upon the parties only after it then is accepted and executed by Tennessee's authorized representative on the below "Agreed to and Accepted" portion. One fully executed copy will be returned for your records.

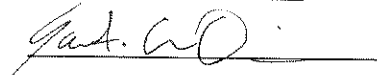
If an executed Letter Agreement is not returned via email on or before five (5) working days from the date of the Letter Agreement, then the Letter Agreement is nullified, and Shipper will be billed Tennessee's maximum reservation and commodity rates under Rate Schedule FT-A.

Sincerely,




Coralie Carter Sculley
Director, Marketing TGP North

TENNESSEE GAS PIPELINE COMPANY, L.L.C.
AGREED TO AND ACCEPTED
THIS 1st DAY OF November, 2019.

By: 
Name: Ernesto A. Ochoa
Title: Vice President - Commercial

COLUMBIA GAS OF KENTUCKY
AGREED TO AND ACCEPTED
THIS 29th DAY OF OCTOBER, 2019.

By: 
Name: MICHAEL A. WATSON
Title: V.P.

Renard from 10/29/2019

Service Agreement No. 88384

Revision No. 4

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 9 day of April, 2020, by and between CENTRAL KENTUCKY TRANSMISSION COMPANY ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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, First 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 1, 2020, and shall continue in full force and effect until October 31, 2020. 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 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 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; and (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). 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 St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 290 W. Nationwide Blvd., Columbus, OH 43215, Attention: Dan Grieshop, 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): FTS No. 88384, Revision No. 3.

COLUMBIA GAS OF KENTUCKY, INC.

By Carol Wehlmann
Title Manager
Date April 09, 2020

CENTRAL KENTUCKY TRANSMISSION COMPANY

By Carol Wehlmann
Title Manager
Date April 09, 2020

Revision No. 4

Appendix A to Service Agreement No. 88384
Under Rate Schedule FTS
between Central Kentucky Transmission Company ("Transporter")
and Columbia Gas of Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
04/01/2020	10/31/2020	28,000	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 Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
04/01/2020	10/31/2020	805095	LEXINGTON MUTH	805095	LEXINGTON MUTH	28,000	1/1 - 12/31

Minimum Delivery Point Pressure: 1/

Hourly Flow at Delivery Point Commitment/Restriction: 2/

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>Recurrence Interval</u>
04/01/2020	10/31/2020	BYBEE	BYBEE	BYBEE	BYBEE	28,000	1/1 - 12/31

Minimum Receipt Point Pressure: 1/

1/ If a minimum pressure is not specifically stated, then Transporter's obligation shall be as stated in Section 13 (Delivery Pressure) of the General Terms and Conditions.

2/ If an hourly flow commitment or restriction is not specifically stated, then Transporter's obligation shall be as stated in Section 9 (Operating Conditions) of the General Terms and Conditions.

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) 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) 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.

COLUMBIA GAS OF KENTUCKY, INC.

By Carol Wehlmann
Title Manager
Date April 09, 2020

CENTRAL KENTUCKY TRANSMISSION COMPANY

By Carol Wehlmann
Title Manager
Date April 09, 2020

Service Agreement No. 88384

Revision No. 2

FTS SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 25th day of October, 2013, by and between CENTRAL KENTUCKY TRANSMISSION COMPANY ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC ("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, First 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 November 1, 2013, and shall continue in full force and effect until March 31, 2020. 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 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 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; and (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). 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 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas Of Kentucky, Inc, 200 Civic Center Drive, P. O. Box 117, Columbus, OH 43216 0117, Attention: Thomas Heckathorn, 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): FTS No. 88384, Revision No. 1.

COLUMBIA GAS OF KENTUCKY, INC

By Heather Barr
Title VP
Date 10/25/13

Reviewed by TMR 10/18/2013

CENTRAL KENTUCKY TRANSMISSION COMPANY

By Cynthia B. B...
Title CS Team Leader
Date 10/17/13

Revision No. 2

Appendix A to Service Agreement No. 88384
 Under Rate Schedule FTS
 between Central Kentucky Transmission Company ("Transporter")
 and Columbia Gas Of Kentucky, Inc ("Shipper")

<u>Transportation Demand</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2013	March 31, 2020	28,000	1/1 - 12/31	28,000	1/1 - 12/31
<u>Primary Delivery Points</u>					
<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>
November 1, 2013	March 31, 2020	805095	LEXINGTON MUTH	805095	LEXINGTON MUTH

Minimum Delivery Point Pressure: 1/

Hourly Flow at Delivery Point Commitment/Restriction: 2/

<u>Primary Receipt Points</u>					
<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>
November 1, 2013	March 31, 2020	BYBEE	BYBEE	BYBEE	BYBEE
<u>Maximum Daily Quantity (Dth/day)</u>					
				28,000	1/1 - 12/31

Minimum Receipt Point Pressure: 1/

1/ If a minimum pressure is not specifically stated, then Transporter's obligation shall be as stated in Section 13 (Delivery Pressure) of the General Terms and Conditions.

2/ If an hourly flow commitment or restriction is not specifically stated, then Transporter's obligation shall be as stated in Section 9 (Operating Conditions) of the General Terms and Conditions.

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 X 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.

COLUMBIA GAS OF KENTUCKY, INC

By Heather Bern
Title VP
Date 10/25/13

CENTRAL KENTUCKY TRANSMISSION COMPANY

By [Signature]
Title CS Team Leader
Date 10/17/13

Revised by TM 10/16/2013

Service Agreement No. 79921

Revision No. 2

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 15th day of May, 2019, by and between COLUMBIA GULF TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC. ("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, 2019, and shall continue in full force and effect until March 31, 2020. 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.

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., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 200 Civic Center Drive, P. O. Box 117, Columbus, OH 43216 0117, Attention: Thomas Heckathorn, 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): FTS-1 No. 79921, Revision No. 1.

COLUMBIA GAS OF KENTUCKY, INC.

By Mitchell Alvord
Title V.P.
Date 5.28.19

COLUMBIA GULF TRANSMISSION, LLC

By Carol Wehlermann
Title Manager, Inspected on Contracts
Date 5-15-19

Revised by TMM 5/17/2019

Revision No. 2

Appendix A to Service Agreement No. 79921
 Under Rate Schedule FTS-1
 between Columbia Gulf Transmission, LLC ("Transporter")
 and Columbia Gas of Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2019	03/31/2020	28,991	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>
11/01/2019	03/31/2020	2700010	CGT-RAYNE	28,991	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>
11/01/2019	03/31/2020	801	GULF-LEACH	28,991	1/1 - 12/31

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 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 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.

COLUMBIA GAS OF KENTUCKY, INC.

By *Michael Olvick*
Title *V.P.*
Date *5.28.19*

Revised by Tm 5/17/2019

COLUMBIA GULF TRANSMISSION, LLC

By *Carol Wehlmann*
Title *Manages Transportation Contracts*
Date *5-15-19*

Service Agreement No. 81540

Revision No. 1

SST SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 1 day of Nov 2013, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF KENTUCKY, INC ("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 SST 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 November 1, 2013, and shall continue in full force and effect until March 31, 2020. 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 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 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas Of Kentucky, Inc, 200 Civic Center Drive, P. O. Box 117, Columbus, OH 43216 0117, Attention: Kent Koch, 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): SST No. 81540, Revision No. 0.

COLUMBIA GAS OF KENTUCKY, INC

By W. Heathman Baum
Title VP
Date 11/6/13

COLUMBIA GAS TRANSMISSION, LLC

By Michelle S. Gna
Title VP Cust Svc & Bus Integrate
Date 11/1/13

Revised by Gna 10/31/2013

Revision No. 1

Appendix A to Service Agreement No. 81540
Under Rate Schedule SST
between Columbia Gas Transmission, LLC ("Transporter")
and Columbia Gas Of Kentucky, Inc ("Shipper")

<u>Transportation Demand</u>			
<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
November 1, 2013	March 31, 2020	30,000	10/1 - 3/31
November 1, 2013	March 31, 2020	15,000	4/1 - 9/30

Primary Receipt Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Maximum Daily Quantity (Dth/day)	Recurrence Interval
November 1, 2013	March 31, 2020	STOR	RP Storage Point TCO	30,000	10/1 - 3/31
November 1, 2013	March 31, 2020	STOR	RP Storage Point TCO	15,000	4/1 - 9/30

Primary Delivery Points

Begin Date	End Date	Scheduling Point No.	Scheduling Point Name	Measuring Point No.	Measuring Point Name	Maximum Daily Delivery Obligation (Dth/day) 1/	Design Daily Quantity (Dth/day) 1/	Minimum Delivery Pressure Obligation (psig) 1/	Recurrence Interval
November 1, 2013	March 31, 2020	18-10	COL GAS OF KY 06-10	829541	LAKE CARNICO	30,000			10/1 - 3/31
November 1, 2013	March 31, 2020	18-10	COL GAS OF KY 06-10	829541	LAKE CARNICO	15,000			4/1 - 9/30

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

The Master List of Interconnects ("MLI") as defined in Section 1 of the General Terms and Conditions of Transporter's FERC Gas Tariff is incorporated herein by reference for purposes of listing valid secondary interruptible receipt 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 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) The MDDOs, ADQs, and/or DDQs set forth in Appendix A to Shipper's _____ Service Agreement No. _____ 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.

COLUMBIA GAS OF KENTUCKY, INC
 By W. Heather Baum
 Title VP
 Date 11/1/13

COLUMBIA GAS TRANSMISSION, LLC
 By Michelle S. Moran
 Title VP Customer Svcs & Reg. Integration
 Date 11-1-13

Reviewed by PM 10/31/2013

Issued:
Jul 23, 2020

Effective:
Aug 1, 2020

**Columbia Gulf Transmission, LLC
 Tariff Sheet Summary for Current Rates & Retainage Factors**

Description	Non-Gas Base Rate 1/	Total Effective Rate
FTS-1		
Market		
Reservation Charge ^{2/}	\$ 5.049	5.049
Commodity		
Maximum	¢ 1.09	1.09
Minimum	¢ 1.09	1.09
Overrun		
Maximum	¢ 17.69	17.69
Minimum	¢ 1.09	1.09
FTS-2		
Offsystem-Onshore		
Reservation Charge ^{2/}	\$ 0.8496	0.8496
Commodity		
Maximum	¢ 0.10	0.10
Minimum	¢ 0.10	0.10
Overrun		
Maximum	¢ 2.89	2.89
Minimum	¢ 0.10	0.10
Grandfathered Onshore ^{3/}		
Reservation Charge	\$ 1.6883	1.6883
Commodity		
Maximum	¢ 1.09	1.09
Minimum	¢ 1.09	1.09
Overrun		
Maximum	¢ 6.64	6.64
Minimum	¢ 1.09	1.09
FTS-1-GXP		
Reservation Charge ^{2/}	\$ 9.337	9.337
Commodity		
Maximum	¢ 5.50	5.50
Minimum	¢ 5.50	5.50
Overrun		
Maximum	¢ 36.20	36.20
Minimum	¢ 5.50	5.50

^{1/} Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

^{2/} The minimum rate under reservation charge is zero (0).

^{3/} The rates will only be applicable to Shippers paying the maximum recourse rates under Transporter's Rate Schedule FTS-2 as on July 31, 2011 and will be subject to provisions of Article V of the Stipulation and Agreement filed with the Commission on September 9, 2011, in Docket No. RP11-1435-000.

Issued:
Jul 23, 2020

Effective:
Aug 1, 2020

**Columbia Gulf Transmission, LLC
 Tariff Sheet Summary for Current Rates & Retainage Factors**

Description	Non-Gas Base Rate 1/	Total Effective Rate
ITS-1		
Market		
Commodity		
Maximum	¢ 17.69	17.69
Minimum	¢ 1.09	1.09
ITS-2		
Offsystem-Onshore		
Commodity		
Maximum	¢ 2.89	2.89
Minimum	¢ 0.10	0.10
PAL		
Market		
Maximum	¢	17.69
Minimum	¢	0.00
IMS		
Market		
Maximum	¢	17.69
Minimum	¢	0.00

^{1/} Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

Retainage	Company Use & Unaccounted For	Surcharge	Total Effective Retainage
Market Zone			
Mainline	2.801%	0.506%	3.307%
Former Onshore	0.542%	-0.107%	0.435%

Issued:
 Mar 6, 2020

Effective:
 Apr 1, 2020

**Central Kentucky Transmission Company
 Tariff Sheet Summary for Current Rates & Retainage Factors**

Description	Non-Gas Base Rate 1/	Total Effective Rate 1/
FTS		
Reservation Charge Maximum	\$ 0.493	0.493
Commodity Maximum	¢ 0.00	0.00
Overrun	¢ 1.62	1.62
ITS		
Commodity Maximum	¢ 1.62	1.62
Retainage		0.436%

^{1/} Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 31 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.



RATE CARD

This information is provided for illustrative purposes and is not intended to be current and may contain typographical or other errors. The authoritative source for Tennessee's rates is Tennessee's FERC Gas Tariff.

Rate Settlement, PSGHG Adjustments - effective 11/01/2020

FIRM TRANSPORTATION: FT-A & FT-G 1\

INTERRUPTIBLE TRANSPORTATION 1\

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Res	\$4.8571		\$10.1498	\$13.6529	\$13.8945	\$15.2673	\$16.2055	\$20.3323
Usg-Max	0.0032		0.0115	0.0177	0.0219	0.2339	0.2232	0.2656
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.1624		0.3435	0.4639	0.4754	0.7358	0.7559	0.9341
Zone L								
Res		\$4.3119						
Usg-Max		0.0012						
Usg-Min		0.0012						
Overrun		0.1428						
Zone 1								
Res	\$7.3119		\$7.0090	\$9.3276	\$13.2135	\$13.0132	\$14.6759	\$18.0462
Usg-Max	0.0042		0.0081	0.0147	0.0179	0.1989	0.2028	0.2315
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.2440		0.2373	0.3192	0.4496	0.6267	0.6853	0.8247
Zone 2								
Res	\$13.6530		\$9.2716	\$4.8222	\$4.5078	\$5.7679	\$7.9331	\$10.2407
Usg-Max	0.0167		0.0087	0.0012	0.0028	0.0644	0.1032	0.1144
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.4631		0.3122	0.1596	0.1505	0.254	0.3641	0.4511
Zone 3								
Res	\$13.8945		\$7.3440	\$4.8611	\$3.5070	\$5.3870	\$9.7428	\$11.2581
Usg-Max	0.0207		0.0169	0.0026	0.0002	0.0860	0.1190	0.1300
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.4744		0.2559	0.1621	0.1155	0.2631	0.4394	0.5
Zone 4								
Res	\$17.6413		\$16.2638	\$6.1979	\$9.4190	\$4.6105	\$4.9861	\$7.1232
Usg-Max	0.0250		0.0205	0.0087	0.0105	0.0398	0.0563	0.0912
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	0.6012		0.5521	0.2111	0.3186	0.1914	0.2203	0.3254
Zone 5								
Res	\$21.0347		\$14.7807	\$6.5015	\$7.8669	\$5.1218	\$4.8044	\$6.2544
Usg-Max	0.0284		0.0256	0.0100	0.0118	0.0560	0.0555	0.0689
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	0.7156		0.5077	0.2221	0.2687	0.2245	0.2135	0.2747
Zone 6								
Res	\$24.3333		\$16.9768	\$11.6840	\$12.8717	\$9.0920	\$4.7831	\$4.1405
Usg-Max	0.0346		0.0300	0.0143	0.0163	0.0862	0.0467	0.0284
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	0.8294		0.5836	0.3963	0.437	0.3851	0.2039	0.1645

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	\$0.1624		\$0.3435	\$0.4639	\$0.4754	\$0.7358	\$0.7559	\$0.9341
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Zone L								
Usg-Max		\$0.1428						
Usg-Min		0.0012						
Zone 1								
Usg-Max	\$0.2440		\$0.2373	\$0.3192	\$0.4496	\$0.6267	\$0.6853	\$0.8247
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Zone 2								
Usg-Max	\$0.4631		\$0.3122	\$0.1596	\$0.1505	\$0.2540	\$0.3641	\$0.4511
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Zone 3								
Usg-Max	\$0.4744		\$0.2559	\$0.1621	\$0.1155	\$0.2631	\$0.4394	\$0.5000
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Zone 4								
Usg-Max	\$0.6012		\$0.5521	\$0.2111	\$0.3186	\$0.1914	\$0.2203	\$0.3254
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Zone 5								
Usg-Max	\$0.7156		\$0.5077	\$0.2221	\$0.2687	\$0.2245	\$0.2135	\$0.2747
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Zone 6								
Usg-Max	\$0.8294		\$0.5836	\$0.3963	\$0.4370	\$0.3851	\$0.2039	\$0.1645
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020

Receipt Zone	Delivery Zone							
	0	L	1	2	3	4	5	6
0	0.38%		1.55%	2.47%	3.08%	3.59%	4.24%	4.84%
L		0.10%						
1	0.52%		1.08%	2.00%	2.44%	3.02%	3.68%	4.21%
2	2.47%		1.16%	0.00%	0.00%	0.77%	1.43%	1.96%
3	3.08%		2.44%	0.33%	0.00%	1.14%	1.70%	2.32%
4	3.59%		2.79%	1.16%	1.41%	0.35%	0.63%	1.22%
5	4.24%		3.68%	1.45%	1.73%	0.62%	0.62%	0.84%
6	5.09%		4.40%	2.00%	2.32%	1.13%	0.46%	0.14%

Receipt Zone	Delivery Zone							
	0	L	1	2	3	4	5	6
0	\$0.0020		\$0.0077	\$0.0120	\$0.0149	\$0.0180	\$0.0204	\$0.0245
L		0.0007						
1	0.0027		0.0054	0.0099	0.0121	0.0151	0.0184	0.0212
2	0.0120		0.0058	0.0000	0.0000	0.0039	0.0071	0.0098
3	0.0149		0.0121	0.0018	0.0000	0.0057	0.0084	0.0113
4	0.0180		0.0139	0.0058	0.0070	0.0019	0.0032	0.0061
5	0.0204		0.0184	0.0071	0.0084	0.0032	0.0032	0.0042
6	0.0245		0.0212	0.0098	0.0113	0.0057	0.0024	0.0009

1\ Rates are exclusive of surcharges.

	FT-A	IT
ACA Commodity Surcharge	\$0.0011	\$0.0011
PS-GHG Reservation Surcharge	\$0.0413	
PS-GHG Commodity Surcharge	\$0.0016	\$0.0030

2\ Losses of -0.09% are included in the Transportation F&LR.

Service rendered solely through displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.00%.



RATE CARD

This information is provided for illustrative purposes and is not intended to be used for rate-making purposes. It is current and may contain typographical or other errors. The authoritative source for Tennessee's rates is Tennessee's FERC Gas Tariff.

Rate Settlement, PSGHG Adjustments - effective 11/01/2020

FIRM TRANSPORTATION: FT-GS 1

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	\$0.2689		\$0.5659	\$0.7632	\$0.7799	\$1.0705	\$1.1111	\$1.3797
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.2689		0.5659	0.7632	0.7799	1.0705	1.1111	1.3797
Zone L								
Usg-Max		\$0.2373						
Usg-Min		0.0012						
Overrun		0.2373						
Zone 1								
Usg-Max	\$0.4042		\$0.3909	\$0.5236	\$0.7393	\$0.9119	\$1.0070	\$1.2203
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.4042		0.3909	0.5236	0.7393	0.9119	1.0070	1.2203
Zone 2								
Usg-Max	\$0.7624		\$0.5154	\$0.2653	\$0.2494	\$0.3804	\$0.5380	\$0.6755
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.7624		0.5154	0.2653	0.2494	0.3804	0.5380	0.6755
Zone 3								
Usg-Max	\$0.7789		\$0.4168	\$0.2686	\$0.1923	\$0.3813	\$0.6529	\$0.7468
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.7789		0.4168	0.2686	0.1923	0.3813	0.6529	0.7468
Zone 4								
Usg-Max	\$0.9879		\$0.9086	\$0.3471	\$0.5250	\$0.2924	\$0.3294	\$0.4816
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	0.9879		0.9086	0.3471	0.5250	0.2924	0.3294	0.4816
Zone 5								
Usg-Max	\$1.1767		\$0.8317	\$0.3648	\$0.4411	\$0.3367	\$0.3189	\$0.4116
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	1.1767		0.8317	0.3648	0.4411	0.3367	0.3189	0.4116
Zone 6								
Usg-Max	\$1.3628		\$0.9557	\$0.6524	\$0.7191	\$0.5844	\$0.3087	\$0.2553
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	1.3628		0.9557	0.6524	0.7191	0.5844	0.3087	0.2553

EXTENDED DELIVERY SERVICE / EXTENDED RECEIPT SERVICE 1

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Daily Res			\$0.3337	\$0.4488	\$0.4568	\$0.5019	\$0.5328	\$0.6685
Zone L								
Daily Res								
Zone 1								
Daily Res	\$0.2404			\$0.3067	\$0.4344	\$0.4278	\$0.4825	\$0.5932
Zone 2								
Daily Res	\$0.4488		\$0.3048	\$0.0000	\$0.1482	\$0.1897	\$0.2609	\$0.3367
Zone 3								
Daily Res	\$0.4568		\$0.2415	\$0.1598		\$0.1771	\$0.3204	\$0.3701
Zone 4								
Daily Res	\$0.5800		\$0.5348	\$0.2037	\$0.3097		\$0.1640	\$0.2341
Zone 5								
Daily Res	\$0.6915		\$0.4860	\$0.2136	\$0.2587	\$0.1684		\$0.2057
Zone 6								
Daily Res	\$0.8000		\$0.5581	\$0.3841	\$0.4232	\$0.2988	\$0.1573	

STORAGE SERVICE 2

	Deliverability	Capacity	Ini./With.	Overrun	F&LR	EPCR
FS-PA	\$1.7824	\$0.0181	\$0.0073	\$0.2139	1.36%	\$0.0000
FS-MA	\$1.3094	0.0179	0.0087	0.1572	1.36%	0.0000
IS-PA		0.0893	0.0073		1.36%	0.0000
IS-MA		0.0720	0.0087		1.36%	0.0000

PARK AND LOAN SERVICE

PAL Daily Rate	\$0.3478
PAL Term Rate	\$0.3478

1\ Rates are exclusive of surcharges.

	FT-GS
ACA Commodity Surcharge	\$0.0011
PS-GHG Commodity Surcharge	\$0.0017

2\ Losses of 0.03% are included in the Storage F&LR.

Issue Date:
January 28, 2021

February 1, 2021

Columbia Gas Transmission, LLC
Tariff Sheet Summary for Current Rates & Retainage Factors

Description	Base Tariff Rate 1/	TCRA	EPCA	OTRA 2/	MCRM	Total Effective Rate 3/
FTS						
Reservation Charge	\$ 12.237	0.235	0.084	0.048	0.000	12.604
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Overrun	¢ 41.03	0.94	0.89	0.16	0.00	43.02
NTS						
Reservation Charge	\$ 12.418	0.235	0.084	0.048	0.000	12.785
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Overrun	¢ 41.63	0.94	0.89	0.16	0.00	43.62
ITS						
Commodity						
Winter Period						
Maximum	¢ 47.47	0.94	0.88	0.16	0.00	49.45
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Summer Period						
Maximum	¢ 31.85	0.68	0.80	0.10	0.00	33.43
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
GTS						
Commodity						
Maximum	\$ 1.7383	0.0171	0.0117	0.0031	0.0000	1.7702
Minimum	\$ 0.0131	0.0017	0.0061	0.0000	0.0000	0.0209
MFCC	\$ 1.7252	0.0154	0.0056	0.0031	0.0000	1.7493
OPT						
30 Days Interruption						
Reservation Charge	\$ 11.231	0.216	0.077	0.044	0.000	11.568
60 Days Interruption						
Reservation Charge	\$ 10.226	0.196	0.070	0.040	0.000	10.532
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Overrun						
30 Days Interruption	¢ 37.72	0.88	0.86	0.14	0.00	39.60
60 Days Interruption	¢ 34.42	0.81	0.84	0.13	0.00	36.20

Issue Date:
January 28, 2021

February 1, 2021

Columbia Gas Transmission, LLC
Tariff Sheet Summary for Current Rates & Retainage Factors

Description	Base Tariff Rate 1/	TCRA	EPCA	OTRA 2/	MCRM	Total Effective Rate 3/
TPS						
Reservation Charge	\$ 12.237	0.235	0.084	0.048	0.000	12.604
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Overrun	¢ 41.03	0.94	0.89	0.16	0.00	43.02
SST						
Reservation Charge	\$ 12.236	0.235	0.084	0.048	0.000	12.603
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	0.00	1.58
Overrun	¢ 41.03	0.94	0.89	0.16	0.00	43.02
FSS						
Reservation Charge	\$ 3.730	-	-	-	-	3.730
Capacity	¢ 6.72	-	-	-	-	6.72
Injection	¢ 1.50	-	-	-	-	1.50
Withdrawal	¢ 1.50	-	-	-	-	1.50
Overrun	¢ 21.98	-	-	-	-	21.98
ISS						
Commodity						
Maximum	¢ 18.98	-	-	-	-	18.98
Minimum	¢ 0.00	-	-	-	-	0.00
Injection	¢ 1.50	-	-	-	-	1.50
Withdrawal	¢ 1.50	-	-	-	-	1.50
SIT						
Commodity						
Maximum	¢ 7.83	-	-	-	-	7.83
Minimum	¢ 1.50	-	-	-	-	1.50
FBS						
Reservation Charge	\$ 0.1226	-	-	-	-	0.1226
Capacity	¢ 6.72	-	-	-	-	6.72
Injection	¢ 1.50	-	-	-	-	1.50
Withdrawal	¢ 1.50	-	-	-	-	1.50
Overrun	¢ 21.98	-	-	-	-	21.98

Issue Date:
January 28, 2021

February 1, 2021

Columbia Gas Transmission, LLC
Tariff Sheet Summary for Current Rates & Retainage Factors

Description	Base Tariff Rate 1/	TCRA	EPCA	OTRA 2/	MCRM	Total Effective Rate 3/
PAL						
Commodity						
Winter Period						
Maximum	¢ 47.47	-	-	-	-	47.47
Minimum	¢ 0.00	-	-	-	-	0.00
Summer Period						
Maximum	¢ 31.85	-	-	-	-	31.85
Minimum	¢ 0.00	-	-	-	-	0.00
Gathering 4/						
Firm:						
Reservation Charge						
Maximum	\$ 238.601	-	-	-	-	238.601
Commodity						
Maximum	¢ 0.00	-	-	-	-	0.00
Minimum	¢ 0.00	-	-	-	-	0.00
Overrun	\$ 7.8444	-	-	-	-	7.8444
Interruptible:						
Commodity						
Maximum	\$ 7.8444	-	-	-	-	7.844
Minimum	\$ 0.000	-	-	-	-	0.000
FT-C						
Reservation Charge	\$ 5.21	-	-	-	-	5.21
Commodity						
Maximum	¢ 3.34	-	-	-	-	3.34
Minimum	¢ 3.34	-	-	-	-	3.34
Overrun	¢ 20.47	-	-	-	-	20.47
LXP Incremental FTS						
Reservation Charge	\$ 21.217	0.235	0.084	0.048	-	21.584
Commodity						
Maximum	¢ 0.17	0.170	0.610	0.000	-	0.95
Minimum	¢ 0.17	0.170	0.610	0.000	-	0.95
Overrun	¢ 69.92	0.94	0.89	0.16	-	71.91

Issue Date:
January 28, 2021

February 1, 2021

Columbia Gas Transmission, LLC
Tariff Sheet Summary for Current Rates & Retainage Factors

Description	Base Tariff Rate 1/	TCRA	EPCA	OTRA 2/	MCRM	Total Effective Rate 3/
<u>WBX Incremental FTS</u>						
Reservation Charge	\$ 12.237	0.235	0.084	0.048	-	12.604
Commodity						
Maximum	¢ 0.80	0.170	0.610	0.000	-	1.58
Minimum	¢ 0.80	0.170	0.610	0.000	-	1.58
Overrun	¢ 41.03	0.94	0.89	0.16	-	43.02
<u>MXP Incremental FTS</u>						
Reservation Charge	\$ 20.394	0.235	0.084	0.048	-	20.761
Commodity						
Maximum	¢ 0.16	0.170	0.610	0.000	-	0.94
Minimum	¢ 0.16	0.170	0.610	0.000	-	0.94
Overrun	¢ 67.21	0.94	0.89	0.16	-	69.20
<u>BXP Incremental FTS</u>						
Reservation Charge	\$ 12.237	0.235	0.084	0.048	-	12.604
Commodity						
Maximum	¢ 0.80	0.17	0.61	0.00	-	1.58
Minimum	¢ 0.80	0.17	0.61	0.00	-	1.58
Overrun	¢ 41.03	0.94	0.89	0.16	-	43.02
<u>Processing</u>						
	¢ -					
<u>X-131, 132, & 133</u>						
Reservation Charge	\$ 1.042	-	0.130	-	-	1.172
Capacity	\$ 0.416	-	0.053	-	-	0.469
<u>X-131, 132, & 133 Adder Rate</u>						
Reservation Charge	\$ 0.461	-	0.000	-	-	0.461
Capacity	\$ 0.184	-	0.000	-	-	0.184
<u>Retainage Percentages</u>						
Transportation Retainage	1.686%					
Transportation Retainage - FT-C	0.379%					
Gathering Retainage	5.500%					
Storage Gas Loss Retainage	0.490%					
Ohio Storage Gas Lost Retainage	1.220%					
Columbia Processing Retainage	0.000%					

Issue Date:
January 28, 2021

February 1, 2021

**Columbia Gas Transmission, LLC
 Tariff Sheet Summary for Current Rates & Retainage Factors**

Description	Base Tariff Rate 1/	TCRA	EPCA	OTRA 2/	MCRM	Total Effective Rate 3/
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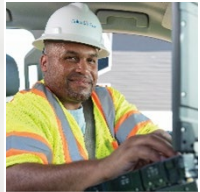
Footnotes:

^{1/} Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

^{2/} Reflects OTRA rates filed on October 30, 2020 in Docket No. RP21-142-000, accepted by the Commission on November 17, 2020, to become effective December 1, 2020.

^{3/} Base Tariff Rates have been accepted and suspended to become effective February 1, 2021, subject to refund and the outcome of hearing procedures. *Columbia Gas Transmission, LLC*. 172 FERC ¶ 61,186 (2020).

^{4/} For service provided during the month of February 2021 only, TCO has agreed to offer a blanket discount for the gathering rates such that they are equal to the generally applicable firm recourse rate of \$8.030 and the interruptible recourse rate of 27.00 cents in effect on January 31, 2021, with such discount assessed according to Part V.14 of TCO's FERC Gas Tariff. Each shipper desiring the gathering discount rate for the month of February 2021 must communicate with TCO by electronic mail (e-mail) at CapacityRequest@tcenergy.com accepting the above-described discount offer and providing its contact information by February 26, 2021.

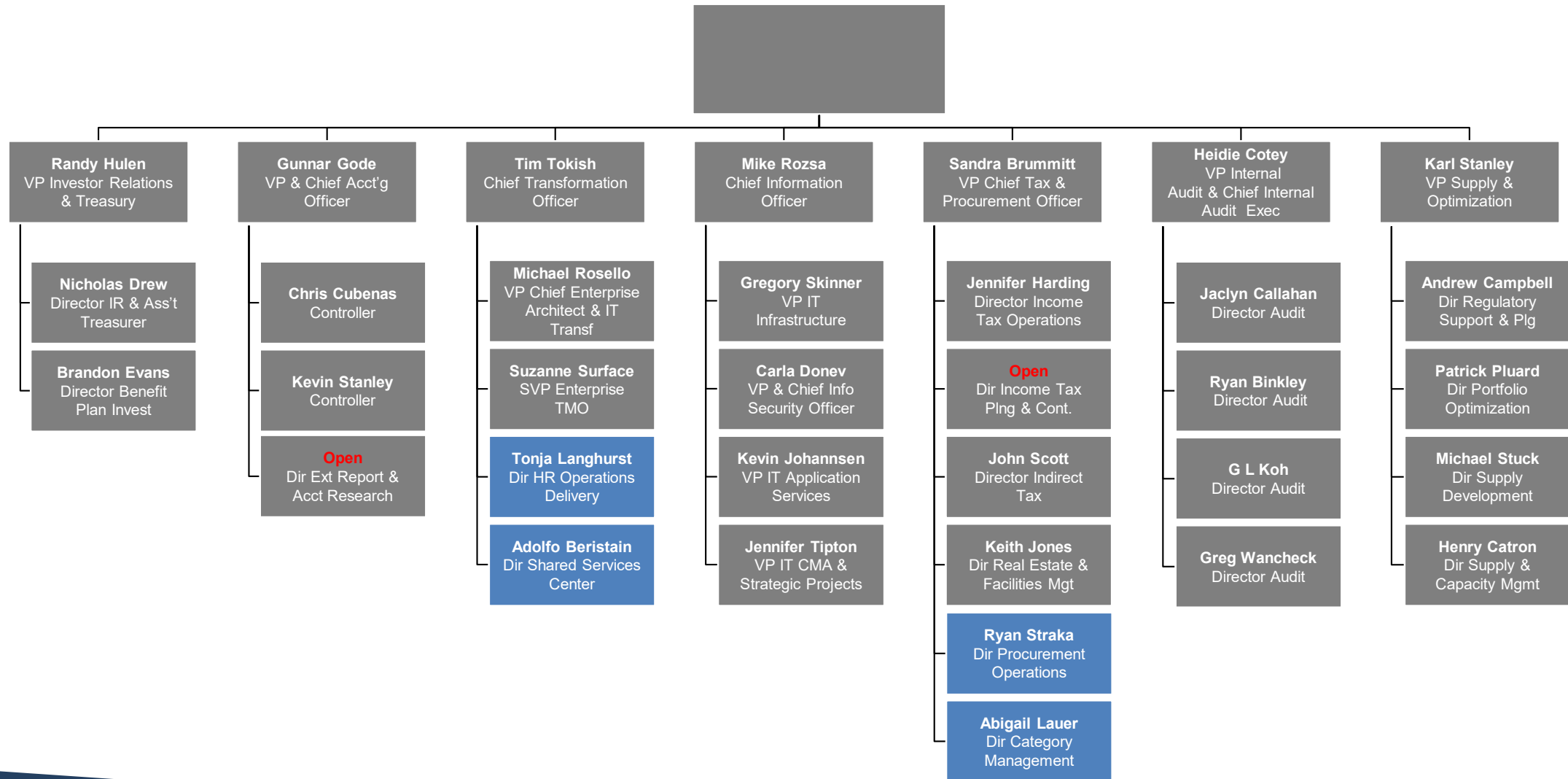


Corporate Finance and Business Services

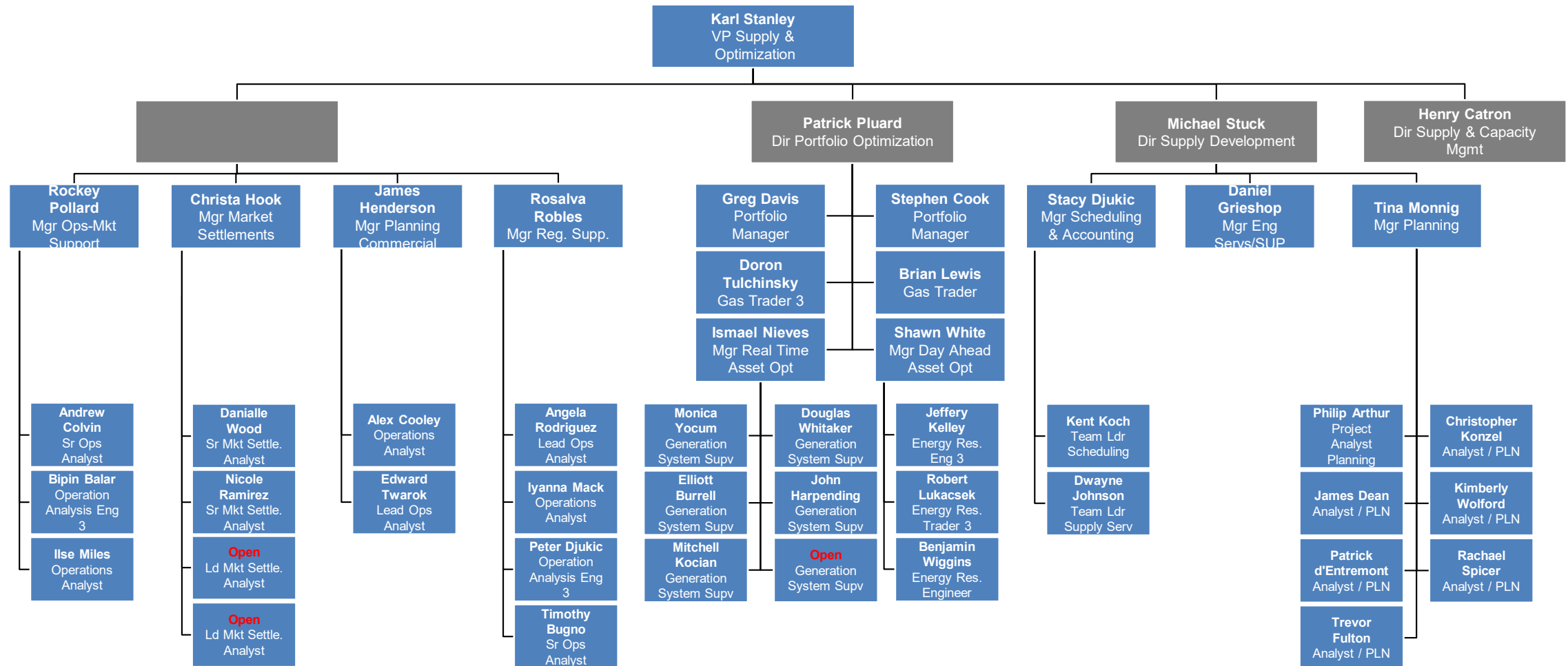
March 1, 2021



EVP, CFO & PRESIDENT NISOURCE CORPORATE SERVICES

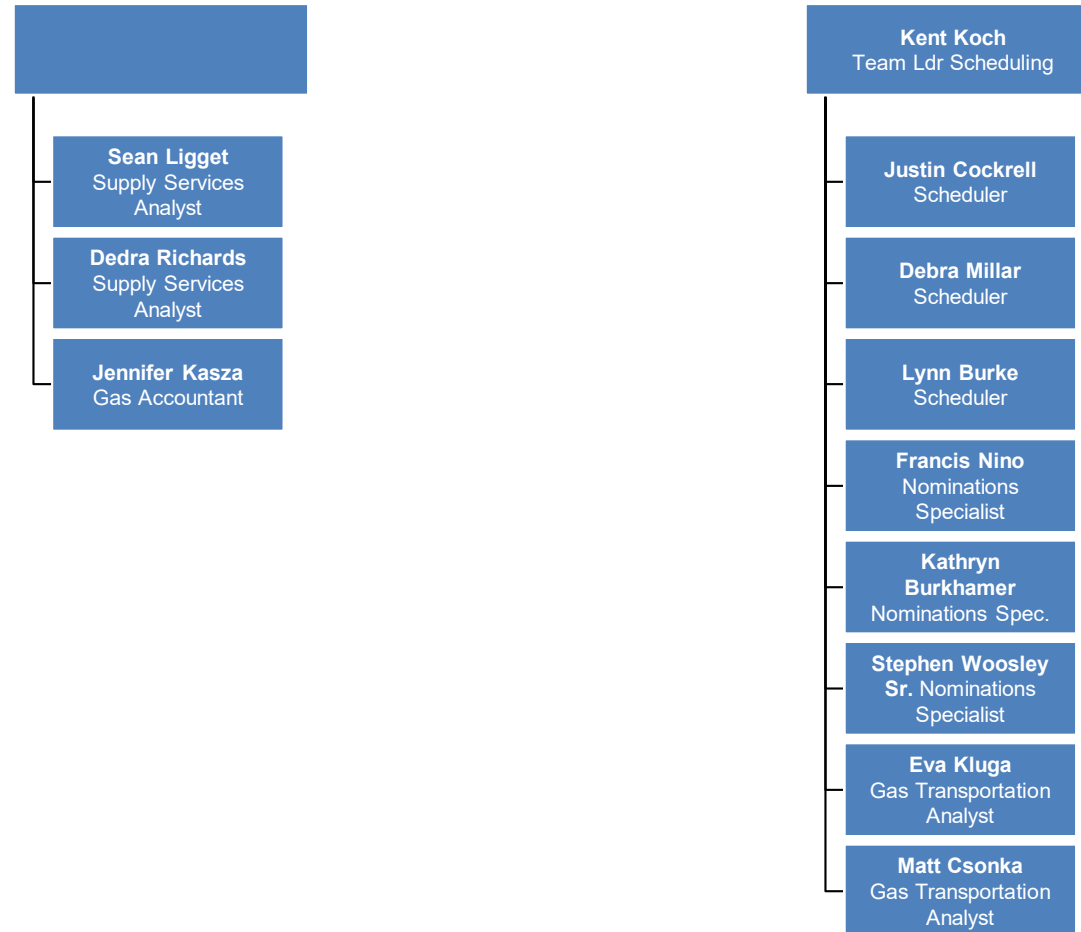


Corp. Finance and Services – Supply & Optimization



Corp. Finance and Services – Supply & Optimization – Scheduling and Accounting

KY PSC CN 2020-00378
Staff DR Set 1 No. 15 Attachment C



Job Description

Title:	VP Supply & Optimization
Company:	NCS
Location (city, state):	Columbus, OH
Department Name:	
Reports To:	
Salary Range:	From HRC or Compensation Team
Job Scope Level:	From HRC or Compensation Team
FLSA Status:	Exempt
Supervises:	6 - 8
# Open Positions:	

Purpose/Job Summary:

Lead an organization that is responsible for designing and optimizing a portfolio of gas supply assets which accomplishes the following: (1) delivery of safe reliable natural gas supplies at the best possible cost for NGD’s firm customers; (2) value creation within approved state regulatory constructs for both NiSource shareholders and customers, and (3) assist in achieving both NGD’s and NiSource’s overall financial initiatives. Additionally, the incumbent will also lead the dispatching of the NiSource electric assets thru day ahead and real time functions.

Key Results:

- Safe, efficient and economical reliable delivery of product availability for the NGD firm customers
- Maintaining a commercial forward thinking culture to react to changing market conditions
- Providing all accounting and regulatory support to insure appropriate cost recovery
- Establishing the appropriate communication with the regulatory teams at each state which provides collaborative strategy in terms of commodity execution

Principle Duties/ Essential Responsibilities:

- Develop and retain talented individuals while providing appropriate resources to meet the Purpose & Key Results expectations of the department.
- Set expectations for employees which provides a directional roadmap of strategies and initiatives for accountability which leads to the Key Results being accomplished.
- Communicating clearly the department’s strategy and vision.

- Ability to make trade-off decisions which support both financial and regulatory initiatives.
- Anticipates changes in the industry which may impact the company's strategies
- Assists the Marketing and Regulatory departments in developing services for customers
- Ensure compliance with numerous audits (internal and external) to assure the integrity of the data being provided to others.

Selection Criteria: Key Work Experiences/Technical & Functional Skills

- BS/BA or equivalent experience
- 10 years of natural gas industry experience
- 5 years of regulated utility experience

Preferred:

- Previous strategic leadership role with bottom line responsibilities
- Recent gas supply or transportation experience across the Midwest pipeline network

Additional Information (optional):

Ability to make a decision in a fast paced environment

Knowledge of the economics of natural gas for the operating areas of the NGD's

- Ability to direct, review and assess quantitative analyses
- Ability to manage conflicting and competing issues
- Understanding of pipeline operations and tariffs as they relate to the gas distribution supplies and transportation

Additional Preferred:

- Managerial and supervisory experience in a gas purchasing environment
- Proven ability to build effective relationships with business partners, both internal and external

Job Title: Dir Supply & Capacity Planning (Job Code 106053)

Responsibilities

Ensures effective planning for and management of the resources and assets required by and available to each of the affiliated Columbia local distribution companies (LDC) to ensure safe, reliable, cost effective service to customers and to enhance the value of those assets to customers and shareholders. The Director interacts with LDC, gas marketer, producer, pipeline, internal stakeholder and third party service provider personnel pertinent to the administration and operation of the LDC's supply and capacity assets. The Director oversees various regulatory activities and initiatives of the Columbia LDCs that pertain to supply and capacity planning. Activities of this area include various functions related to supply and pipeline capacity planning, daily balancing of the LDCs assets with expected demand, various daily demand forecasting functions, invoice generation, and invoice review and approval.

Principal Duties

- Develops policies that promote and provide for the safe and reliable delivery of natural gas at competitive prices at pipeline receipt points under multiple planning scenarios.
- Recommends long-term contractual commitments for gas supply, pipeline capacity and peaking assets.
- Anticipates changes in the industry and adjusts appropriate practices/services.
- Determines and evaluates strategic issues. Directs the development of recommendations of strategic alternatives and related strategic plans.
- Directs contacts with suppliers, pipelines, LDCs, marketers, customers and others who provide or receive services.
- Directs and encourages development of new services and programs that enhance services and their value for the LDCs' customers and shareholders.
- Testifies and/or acts as witness before state regulatory agencies.
- Directs economic and technical studies related to various regulatory filings.
- Directs economic and technical studies to determine optimum supply/capacity/peaking portfolios in support of each LDC's service, reliability and cost goals in meeting their future years' design day and design winter season firm service obligations.
- Directs economic and technical studies to determine the optimum use of supply/capacity/peaking assets for each LDC for current daily, monthly and seasonal operations. Ensures adherence to contract/tariff limits and maximizes stakeholder value.
- Directs activities related to the development of the Design Day Forecast and Daily Operational Forecasts for each LDC.
- Directs the review and approval of all transportation and gas supply invoices from pipelines and gas suppliers.
- Directs the generation of invoices related to off system sales.

- Oversees and encourages the development and maintenance of computer systems and or improved technology capable of ensuring and/or enhancing processes and operations.
- Supervises the activities of Managers/Team Leaders in the functional area.
- Identifies the strengths and leadership capabilities among employees, and provides them with challenges and opportunities that enhance skills.
- Performs supervisory functions such as performance evaluations in accordance with established policies and procedures.
- Fosters teamwork among personnel and other business units that are committed to organizational goals.
- Motivates and involves others to make changes and improvements.
- Represents the department, the Company and the LDCs to external and internal counterparts.
- Recommends and implements change to policies and procedures to make supply operations more cost effective and efficient.
- Directs the development of multi-year projections of the usage and costs of the LDCs' supply/capacity/peaking portfolios for Financial Planning.
- Provides input into the design of the LDCs' Choice and GTS programs, including capacity assignment. Provisions, Supplier delivery requirements, and relevant tariff development.
- Other duties as may be required.

Selection Criteria

Required for Selection:

- Proven analytical skills
- Strong understanding of financial concepts
- Strong leadership capability
- Broad knowledge of natural gas industry and pipeline infrastructure
- Ability to direct, review and assess quantitative analyses
- Ability to resolve complex problems and manage conflicting issues
- Strong written and oral communication skills
- Strong organizational / time management skills
- Learns new information quickly
- Ability to exercises independent judgment and initiate solutions
- Strong project management skills
- Handles multiple demands and competing priorities
- High degree of honesty, integrity and strong work ethic
- Capable of building a highly motivated, productive team
- Awareness of own strengths and weaknesses, and impact of interpersonal characteristics on others
- Ability to influence and collaborate to build effective relationships with internal and external business partners

- Experience testifying before regulatory agencies
- Knowledge of federal and state regulatory tariffs/processes/practices and significance of operating in a highly regulated industry
- Ability to recognize strategic implications of problems and issues

Preferred for Selection:

- Forecasting experience
- Knowledge of pipeline operations as they relate to gas distribution supplies, LDC and pipeline tariffs, gas supply and its transportation and storage operations
- Knowledgeable about pipeline cost structures for transportation and storage capacity
- Proven understanding of factors that can reduce costs and increase profitable opportunities for the LDCs
- Works well in team environment
- Knowledgeable about computer technologies used by department
- Coaching skills
- Managerial and supervisory experience
- Change management skills

Title:	Dir Supply Development
Company:	NOP12
Location (city, state):	Columbus, OH
Department Name:	Energy Supply & Optimization (ES&O)
Reports To:	VP Supply and Optimization
Job Scope Level:	
FLSA Status:	Exempt
Supervises:	5 -6
# Open Positions:	1

Purpose/Job Summary: The Director of Supply Development ensures that the procurement of natural gas supplies, acquisition of pipeline capacity and management of the gas supply related assets available for each of the affiliated Columbia local distribution companies (LDC) is conducted in a cost effective manner to ensure reliable, continuous service to customers and to enhance the value of those assets to customers and shareholders. Directs the Supply Development Section, consisting of Managers, Team Leaders, Federal Energy Specialist, Analysts, Schedulers and Gas Traders that provide and support services to the LDCs through efficient and proactive direction. The Director interacts with LDC, gas marketer, producer, and pipeline personnel pertinent to the administration of the LDCs' gas procurement and management activities. The Director oversees support from the Section regarding various regulatory activities and initiatives of the Columbia LDCs. Activities of this Section include the functions of gas purchasing and scheduling, off system sales and capacity release, contract administration, invoice generation, invoice review and reconciliation, pipeline capacity acquisition, strategic supply planning, federal energy matters, state regulatory support, special project evaluation, steering committee participation and facility planning.

Key Results:

- Cost effective procurement, management and cost recovery of natural gas supplies and pipeline capacity
- Representation of the ES&O department for the Company and the affiliated LDC's
- Development of strategic alternatives and related strategic plans
- Delivering value for our customers, stakeholders and shareholders
- Developing and leading a high performing team

Principle Duties/ Essential Responsibilities:

- Provide mentorship, coaching and developmental training to direct reports
- Develops and administers policies that promote the procurement and delivery of natural gas supplies on a reliable basis at competitive prices.

- Directs the negotiation of pipeline capacity and storage contracts
- Recommends and implements change to policies and procedures to make supply operations more cost effective and efficient.
- Anticipates changes in the industry and adjusts appropriate ES&O practices/services.
- Directs contacts and business relationships with gas suppliers, pipelines, LDCs, marketers, customers and others who provide or receive ES&O services.
- Directs the negotiation, administration, processing and approval of gas purchase agreements, and the administration and processing of gas transportation and storage agreements.
- Assures the integrity of data and data collection processes related to supply purchases, capacity management and pipeline, producer and ES&O generated invoices.
- Oversees and encourages the development and maintenance of computer systems and or improved technology capable of ensuring and/or enhancing ES&O processes and operations.
- Directs provision of information and support related to natural gas supplies and costs as well as results of performance based programs to Regulatory, Accounting, Treasury, and Credit Risk Management.
- Directs involvement and responses to internal and external audits.
- Testifies and/or acts as witness before state and federal regulatory agencies
- Directs the development and implementation of performance based ratemaking initiatives such as Gas Cost Incentive Mechanisms, capacity release, and off-system sales.
- Directs and encourages development of new ES&O services, programs, and products that enhance services and their value for the LDCs' customers and shareholders.
- Develops company policies and positions for FERC proceedings (rate cases, rulemaking, etc.).
- Directs effort with LDCs to solve gas supply delivery issues related to Engineering, New Business and LCR Projects.
- Directs the determination of the contractual minimum required volume and pressure obligations for pipeline delivered gas supplies at receipt points with upstream pipelines.
- Assists with the design of the LDCs' Choice programs, including capacity assignment provisions, Supplier delivery requirements, relevant tariff development, and the provision of support to various departments in the maintenance and administration of respective Choice programs.

Knowledge, Skills and Abilities:

Required for Selection:

- Extensive managerial and supervisory experience
- Strong leadership capability
- Broad knowledge of natural gas industry and pipeline infrastructure
- Ability to direct, review and assess quantitative analyses
- Ability to resolve complex problems and manage conflicting issues
- Ability to make decisions based on known facts
- Ability to assess risk and how it impacts all parties
- Strong written, communication and negotiation skills
- Strong organizational/time management skills

- Ability to learn and assimilate new information quickly
- Ability to exercise independent judgment and initiate solutions
- Adept and comfortable with the use of computer technology
- Proven analytical skills
- Ability to develop effective working relationships
- Handles multiple demands and competing priorities
- Proven accountability for outcomes
- Availability to travel, as necessary

Preferred for Selection:

- Knowledge of federal and state regulatory processes/practices and significance of operating in a highly regulated industry
- Knowledgeable about pipeline cost structures for transportation and storage capacity
- Knowledgeable about computer technologies used by the Supply Development Section
- Proven understanding of factors that can reduce costs and increase profit for the LDCs

Education:

- Bachelors Degree in Engineering, Finance or Business Administration (or equivalent experience)
- 5 years utility experience
- 3 years gas industry experience

Preferred for Selection:

- Masters degree or some post-graduate studies
- 3 years recent gas supply or gas transportation experience

Job Description

Title:	Director of Portfolio Optimization	Occupation Code:
Location:	Hammond, IN	Status: Full Time
Reports To:	Vice President of Supply and Optimization	Supervises:
		Date: 6/13/2018

Job Summary: The Director of Portfolio Optimization will oversee the electric and gas optimization teams to ensure effective portfolio management in a cost effective and operationally efficient manner. He or she will be responsible for providing strategic direction in defining seasonal, monthly, and daily optimization strategies. Reporting to the Director will be the Manager of Real Time Asset Optimization, the Manager of Day-Ahead Asset Optimization team, and the Gas Portfolio Optimization group. Oversight responsibilities include management of NIPSCO's generation fleet in the MISO market, optimization of the on and off-system portfolio of gas storage and transportation assets, renewable energy credits and emission allowance transactions. This role has the responsibility of generating income for the company in the optimization of these assets. The use of company assets must be consistent with the corporate goal of providing safe, reliable, and low cost service to its customers while also identifying income opportunities for its shareholders. The Director will be responsible to successfully manage the risks introduced by various natural gas and power market strategies and will understand how those risks impact the customer, the Company's financial goals, regulatory objectives and various other stakeholders. This position will interface with Finance, Accounting, Major Accounts, Credit, Regulatory, Operations, and Environmental functions as well as external, internal, and state auditors. Finally, this position will work closely with the following groups within the Supply and Optimization Group: Gas Control, Gas Scheduling and Accounting, Resource Planning, Market Research, and Market Settlements.

Principal Duties and Responsibilities:

- Management of all natural gas trading activities to assure that the operational needs of the system are fulfilled, gas supply pricing is minimized, and income opportunities are maximized when available.
- Oversees all electric asset optimization activities of the generation fleet so that the operational needs of the system are met and effectively optimized in the day ahead and real time energy markets in the most cost effective and operationally efficient manner.
- Is responsible to maximize income opportunities while effectively managing the market and operational risk introduced by various deal structures including how those deal structures impact the use of portfolio assets.
- Understands the regulatory environment in which NIPSCO operates.
- May be required to serve as a witness in regulatory proceedings related to gas and electric portfolio optimization.
- Manages the financial futures account and any derivative activity that may be a part of a state sponsored volatility mitigation program and/or state sponsored incentive program.
- Consults with the credit and/or legal groups as necessary to resolve any conflicts that are presented with regard to existing agreements, negotiating new contracts or new deal structures.
- Collaborates with other leadership within the Supply and Optimization Group to design natural gas and electric asset portfolios and strategies.
- As necessary, interacts directly with external, internal, and state auditors in response to data requests or any other questions/issues that arise.
- Ensures 100% compliance with all NERC, FERC, Dodd-Frank, CIP and any other compliance requirements related to this particular area of responsibility.
- Role-models leadership and high performance behavior, focuses on employee development/training, creates team building opportunities, and maintains self-directed work teams in an efficient operations environment.
- Effectively supports the VP of Supply and Optimization as well as the broader team with other projects as assigned.

Knowledge, Skills and Abilities:

Required for Selection:

Demonstrated understanding of the fundamentals driving the natural gas markets.
Prior success in identifying and addressing the strategic implications of problems, issues, and opportunities in the energy markets.
Proven experience developing effective self-directed work teams.
Proven success in establishing and managing a lean staff in a fast-paced and ever-changing energy market environment.
Proven written and verbal communication skills.
Demonstrated integrity and commitment, focusing on detail-orientation, effective follow-up and efficient follow through.
Demonstrated ability to effectively interact with all organizational levels.
Ability to think strategically and outside the box.
Ability to lead by influence.
Experience effectively coaching/mentoring/developing direct reports.

Preferred for Selection:

Experience trading natural gas and power.
Experience working on project teams.
Experience working with cross-functional work teams.

Education/Work Experience:

Required for Selection: BS/BA in a quantitative discipline or equivalent experience. 5-7 years optimization work experience in the power and gas industry.

Preferred for Selection: M.A./M.S./M.B.A or 8+ years professional work experience.

The above statement reflects the general details considered necessary to describe the principal functions of the job identified, and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.

Job Description: Manager Planning

Job Code: 104832

Responsibilities

Manages the Supply & Capacity Planning functions within Commercial Operations and manages the associated staff. Manages the determination of the optimal gas portfolio assets for NGD (including supply levels, firm transport levels, storage levels and peaking levels) that provide reliable service at the best cost to firm customers for the long term. Manages on a monthly and daily basis, the determination of the optimal usage of these gas portfolio assets for each NGD company, including capacity release, parks and loans, and off-system sales. Manages the development and delivery of a five-year projection for the purchases and storage usage and costs of the gas supply assets for Financial Planning. Manages the development of various regulatory reports and analyses, including Strategic Gas Supply Plans (SGSP), development of gas cost and rate filings. Manages the development of the design day forecast and determination of the design criteria.

The Manager is to establish credible and communicative internal working relationships requiring expertise in planning issues and successful working relationships with external stakeholders such as suppliers, pipeline personnel and state regulators pertinent to the planning and optimization of the NGD companies' gas supply and capacity portfolios.

- Management and implementation of processes that promote the optimization of reliable, best cost natural gas supplies and assets for each NGD LDC
- Maintenance of expert knowledge of supply planning & optimization processes
- Performs all required supervisory functions such as performance evaluations in accordance with established policies and procedures
- Negotiates & Manages service contracts with vendors of software and services used for Supply & Capacity Planning purposes
- Manages the development of the optimal gas portfolio assets including gas supply levels, firm transportation levels, firm storage and peaking levels to provide a safe and reliable supply at the lowest cost to firm customers
- Manages the development of SENDOUT , including monthly optimal usage of the gas portfolio assets, storage projections, term analysis, hedge study, etc.
- Manages the development of the monthly & seasonal gas portfolio assets available for capacity release, parks & loans, and off-system sales
- Manages the development of the 5 year optimal usage plan for the gas portfolio assets for Financial Planning purposes
- Manages the development of SENDOUT support of Regulatory items, including gas cost audits, SGSP, etc.
- Manages the Daily Gas Operational Outlook analysis and process. Manages other operational analysis. Ensure adherence to contractual and tariff limits by recommending required action on a daily basis to balance supply vs demand.
- Manages the development of the Design Day Forecast

- Anticipates changes in the industry, communicates these changes to other team members and adjusts planning practices accordingly
- Recommends strategic alternatives to Management
- Establishes successful working relationships with suppliers, pipelines, LDCs, marketers, customers and others who provide or receive services
- Assists in the determination and development of new services and programs that enhance value for customers and shareholders
- Prepares testimony, testifies and/or acts as witness before state and federal regulatory agencies
- Assists in the development of company policies and positions for Regulatory proceedings (rate cases, rulemaking, etc.) as directed
- Manages economic and technical studies to determine optimum supply/capacity portfolios in support of service, reliability and cost goals
- Oversees preparation of data request responses as assigned
- Fosters teamwork among department personnel and other business units that are committed to organizational goals
- Represents the department and company in external and internal stakeholders processes as directed
- Assures the integrity of data and data collection systems related to weather, demand, purchases, and other related variables that influence gas supply, customer demand or prices

Selection Criteria

- Strong leadership capability
- Strong team participation skills
- Develops effective working relationships with internal and external stakeholders
- Effective liaison between diverse professions and layers of management
- Strong written and oral communication skills
- Strong organizational / time management skills
- Proven ability to exercise sound judgment and initiate solutions
- Adept and comfortable with the use of computer technology
- Proven analytical skills
- Proven experience with transportation and supplier related activities/functions/programs
- Strong analytical and strategic-thinking/planning abilities
- Proven ability to identify, create and implement new processes, or process improvements
- Experience in regulatory matters
- Demonstrated ability to read, interpret, create and implement state-specific tariffs and rate structures
- Knowledge of LDC and pipeline tariffs
- Experience with managing, influencing and driving change
- Strong problem solving and decision making skills
- Strong organizational/planning skills
- Ability to create, understand, and interpret contracts and complex agreements
- Ability to work across departments collaboratively
- Excellent oral and written communication skills
- Proven ability to work independently
- Ability to gain respect and trust from others, and build favorable business relationships

- Proven track record of achieving results
- Proven ability to multi-task and effectively prioritize workload
- Strong sense of urgency, and ability to meet deadlines
- Recognize strategic implications of problems and issues
- Preferred for Selection:
- Works well in team environment
- Work experience that has resulted in a proven expertise in the development and execution of physical and financial derivative gas supply strategies
- Knowledgeable on computer technologies used by the department
- Recognize strategic implications of problems and issues
- Coaches others in the development of their skills
- Expert knowledge of LDC and pipeline tariffs
- Managerial and/or supervisory experience
- Knowledge of federal and state regulatory processes/practices and the significance of operating in a highly regulated industry

Education/Work Experience:

Required for Selection:

- BS/BA in a quantitative discipline or equivalent experience
- 5 years gas industry experience

Preferred for Selection:

- 10 years professional work experience
- Recent physical gas supply, or gas transportation experience
- Masters degree or some post-graduate studies

Job Title: Manager Scheduling and Accounting
Job Code: 103801

Job Summary

Manages functions for Gas Scheduling and Accounting within Energy Supply and Optimization (“ES&O”) related to: the scheduling of system supply gas, confirmation of transportation customer supply, capacity asset management, reconciliation & payment of pipeline and supplier invoices, and reporting of gas purchases. Manages the associated staff responsible for these functions providing mentoring, coaching, development, training, guidance, etc. as needed. Subject matter expert pertaining to wholesale gas scheduling and accounting for NIPSCO. Maintains and develops information and data related to transportation and storage contracts for use by ES&O management and other functions. Develops and maintains internal and external relationships with suppliers, pipelines and other stakeholders. Performs and leads operational administration of the NIPSCO Choice Program and NIPSCO’s Gas Transportation Tariffs. Manages Columbus based Nominations Team responsible for daily confirmations and monthly reconciliation of third party nominations and system supply for CDC LDCs.

Principal Duties and Responsibilities

- Management and implementation of processes that assist in the performance of assigned tasks consistent with reliable best/least cost gas supplies.
- Maintains expert knowledge related to assigned functions and IT systems used to support role.
- Exhibits strong leadership qualities and performs all required leadership functions. Proficient in NiSource Leadership Competencies.
- Manages upstream transportation and storage contracts related to assigned functions.
- Manages the scheduling of system supply assets for NIPSCO LDC to ensure reliable service to customers.
- Manages the capacity asset management process to ensure reliable service to customers and to provide maximum financial benefit to NIPSCO.
- Manages the reconciliation of pipeline and supplier payable invoices to ensure NIPSCO receives the services for which payment is rendered. Manages the accounts receivable invoice process for the invoicing of wholesale transactions and Choice mitigation invoices.
- Manages the process and systems related to providing gas purchases, gas transportation and storage services. Manages Columbus based Nominations team tasked with confirming daily nominations for CDC LDCs as well as monthly reconciliation of third party nominations and system supplies.
- Provides reports to Rates, Regulatory and Accounting as required to support business processes. Recommends strategic alternatives and needed changes / upgrades to leadership as needed.

- Establishes successful working relationships with suppliers, pipelines, LDCs, auditors, customers and other stakeholders.
- Assists in the development of new tariff services and programs that enhance value for NIPSCO customers and shareholders.
- Assists in preparation of testimony & exhibits for regulatory filings. Assists in responding to data requests
- Collaborates with Director Market Research on portfolio related changes, contract negotiations and changes.
- Collaborates with Gas Control, Major Accounts and Portfolio Managers on daily operations, communications to suppliers and customers and periodic communications to Choice Suppliers.
- Fosters teamwork among staff and other business units that are committed to organizational goals.
- Assures the integrity of data and systems related to assigned tasks.
- Other duties and responsibilities as assigned.

Required Qualifications for Position

- Bachelor's degree in a quantitative discipline or equivalent experience
- 5 years work experience in natural gas supply industry
- Strong leadership qualities and capabilities, and team participation skills
- Develops effective working relationships with internal and external stakeholders
- Effective liaison between diverse professions and layers of management
- Strong written, oral communication skills
- Proven ability to exercises sound judgment and initiate solutions
- Proven experience with pipeline and supplier related activities/functions/programs
- Strong analytical and strategic-thinking/planning abilities
- Proven ability to identify, create and implement new processes, or process improvements
- Experience in regulatory matters
- Demonstrated ability to read, interpret, create and implement pipeline and/or state-specific tariffs and rate structures
- Knowledge of LDC and pipeline tariffs
- Experience with managing, influencing and driving change and culture
- Ability to create, understand, interpret and manage contracts and complex agreements
- Proven ability to work independently
- Ability to gain respect and trust from others, and build favorable business relationships
- Ability to work across departments collaboratively
- Proven track record of achieving results
- Strong sense of urgency, and ability to meet deadlines
- Recognize strategic implications of problems and issues

Preferred Additional Qualifications for Position

- Recent physical gas supply, or gas transportation experience
- Master's degree or some post-graduate studies
- Knowledgeable on computer technologies used by ES&O
- Recognize strategic implications of problems and issues
- Coaches others in the development of their skills
- Managerial and supervisory experience
- Knowledge of federal and state regulatory processes/practices and the significance of operating in a highly regulated industry
- Valid driver's license

Disclaimer

The preceding description is not designed to be a complete list of all duties and responsibilities required of the position.

Job Description – Manager, Engineering Services/SUP

Job Title: Manager, Engineering Services/SUP
Job ID:
Location: OH-Columbus

Responsibilities

Job Summary:

Provides a wide range of services in support of ES&O, Customer Operations, LCR and NiSource local distribution company (NGD) operations. Utilizes facility planning skills, engineering technology and analytical expertise in development of a wide range of planning, design and operational tools aimed at assisting ES&O and other NGD departments in assuring reliable gas supply and quality customer service. The Manager is to establish credible and communicative internal working relationships with other members of ES&O, Customer Operations, Engineering, LCR, Legal and other NGD departments requiring expertise in the wholesale natural gas marketplace. The Manager is to establish successful working relationships with external stakeholders such as gas suppliers, transmission pipeline personnel and state regulators pertinent to the operation, reliability and optimization of the NGDs' gas supply portfolios. Interacts heavily with NGD Engineering/Operations and transmission pipeline personnel relevant to the operation of the NGD's gas management activities.

Principal Duties and Responsibilities:

- Facilitates the negotiation of Delivery Interconnect Agreements with upstream pipeline companies and local supply sources.
- Coordinates POD contract requests between the NGDs and upstream pipelines.
- Reviews and updates delivery point data in gas supply service contracts.
- Keeps abreast of large new loads added within the NGD's distribution systems.
- Department liaison with NGD operations personnel.
- Assists LCR and Commercial Operations as needed to assist/enhance customer service.
- Utilizes computer applications and Data Warehouse applications.
- Performs engineering market demand studies and provides demand profile curves for individual and aggregated markets.
- Evaluates, determines and coordinates NGD contractual MDDO, DDQ and pressure requirements by city gate delivery point. Ensures optimal use of available capacity, MDDOs and pressures.
- Assists in the development of Supply Curves.
- Implements and improves processes that promote the acquisition of reliable, least cost natural gas for each assigned NGD within the effective portfolio plan.
- Recommends strategic alternatives to ES&O Team members and appropriate NGD personnel regarding operational requirements.
- Establishes working relationships with transmission pipelines, non-affiliated Local Distribution Companies, marketers, customers and others who provide or receive ES&O services.
- Provides information and assists in economic and technical studies to determine optimum supply/capacity portfolios in support of service, reliability and cost goals.
- Fosters teamwork among ES&O personnel and other business units that are committed to organizational goals.
- Represents ES&O and the Company to external and internal stakeholders as directed. Department liaison with large local gas producers on operational issues.
- Performs peaking facility studies, including the use of propane/air, LNG, CNG and underground storage.
- Prepares special studies, including but not limited to, non-traditional supplies, local gas delivery applications, impacts of Marcellus/Utica Shale gas, etc., as directed.
- Coordinates review of transmission facilities necessary to serve potential new customers including major power plant projects.
- Department liaison with transmission pipeline facilities planning personnel.

Knowledge, Skills and Abilities:

Required for Selection:

- Strong Leadership Capability
- Strong Team Participation Skills
- Ability to develop effective working relationships with internal and external stakeholders
- Effective liaison between diverse professions and layers of management
- Strong written and oral communication skills
- Wide-ranging commercial understanding of the natural gas industry.
- Strong organizational / time management skills
- Understands gas transmission and distribution piping systems
- Exercises sound judgment and initiates solutions after acquiring appropriate departmental agreement with other ES&O members
- Adept and comfortable with the use of computer technology
- Proven analytical skills

Preferred for Selection:

- Works well in team environment
- Knowledge of design, construction, testing, operation and maintenance of gas transmission and gas distribution systems, including measurement and regulation.
- Knowledgeable with computer technologies used by ES&O
- Recognize strategic implications of problems and issues
- Coaches others in the development of their skills
- Knowledge of NGD and pipeline tariffs
- Managerial and supervisory experience

Education/Work Experience:

Required for Selection:

- B. S. in Engineering from an accredited university
- Five years experience in natural gas or other regulated industry

Preferred for Selection:

- 3-5 years professional work experience
- Recent physical gas supply, or gas transportation experience
- Masters degree or some post-graduate studies
- Professional Engineering License

Job Description

Title:	Team Leader, Scheduling	Occupation Code:	N/A
Location:	Supply & Optimization	Status:	Exempt
Reports To:	Manager, Scheduling and Supply Services	Supervises:	Schedulers
		Date:	April xx, 2015

Job Summary:

Supervises the nominating, scheduling, and monitoring of transported gas supplies, coordination of the release and acquisition of capacity in a manner consistent with best cost strategies, assists the manager with administration of gas supply contracts, and gas transportation and storage agreements, provides support for the various Customer Choice programs through supervision and interaction of capacity release activity, and sponsors the development of new and improved computer methods for the scheduling and supply services section. Interacts with LDC, gas marketer, producer, and pipeline personnel pertinent to the operation of the LDCs' gas management activities and interacts with Marketing personnel and end use customers on an as needed basis.

Principal Duties and Responsibilities:

- Supervises and ensures that gas supplies are scheduled and delivered in a highly accurate manner consistent with best-cost supply strategies.
- Utilizes contracts efficiently and advises Traders of current procurement and transportation opportunities.
- Monitors contracts and pipeline tariffs to assure rules are followed and utilized for procurement decisions.
- Supervise the negotiation the release of firm transportation and storage capacity and the utilization of the various electronic bulletin boards to release and acquire pipeline capacity as required and in accordance with company guidelines.
- Balances scheduling needs, capacity release, and acquisition activities to ensure economic, reliable supplies for customers while optimizing revenue from the incentive program opportunity.
- Recommends new and improved computer methods or actions in response to ever changing operating and reporting requirements.
- Supports the various Customer CHOICE programs through capacity release activity and marketer interaction.
- Supervises the provision of closing information to Gas Purchase Services for use in forecasting and reconciliation.
- In a very dynamic environment with purchases and sales occurring simultaneously as well as coordinating activities with marketers and producers, this position must solve complex scheduling problems on a daily and hourly basis to ensure supplies are routed correctly and efficiently.
- Represents NiSource to external partners and customers.
- Stays abreast of applicable industry and tariff changes and advises management of possible impacts.
- Develop responses to data requests as assigned

Knowledge, Skills and Abilities:

Required for Selection:

- Proven understanding of complex concepts and relationships
- Proven ability to recognize strategic implications of problems and issues
- Fosters team commitment
- Effectively shares expertise and experience with others
- Ability to draw accurate conclusions from quantitative information
- Drives for results in delegating assignments.
- Proven leadership experience and ability
- Strong analytical and strategic-thinking/planning abilities
- Ability to identify, create and implement new processes, or process improvements
- Knowledge of LDC and pipeline tariffs
- Experience with managing, influencing and driving change
- Strong problem solving and decision making skills
- Strong organizational/planning skills
- Ability to work across departments collaboratively
- Excellent oral and written communication skills
- Proven ability to work independently
- Ability to gain respect and trust from others, and build favorable business relationships
- Proven track record of achieving results
- Proven ability to pay close attention to detail
- Proven ability to multi-task and effectively prioritize workload
- Strong sense of urgency and ability to meet deadlines

Preferred for Selection:

- Advanced computer skills in various S&O applications
- Experience working on project teams

Education/Work Experience:

Required for Selection:

- BS/BA in a quantitative discipline or equivalent experience
- 5+ years gas industry experience

Preferred for Selection:

- 7+ years professional work experience

JOB DESCRIPTION

Job Title: Team Leader, Supply Purchase Services **Job Code:** 104857

Subsidiary: NiSource Gas Distribution **Department:** Energy Supply & Optimization
Location: Columbus, Ohio **Reports to:** Mgr Scheduling & Supply Serv

Job Summary

Supervise, develop and maintain all day-to-day functions and activities essential to the accounting, reconciliation, payment and reporting of the gas purchase and the off-system sales programs. Manage contracts with local producers, Oversee the effort in mentoring, training, and providing guidance and direction to the Supply Purchase Analysts. Build and maintain external relationships with suppliers and pipelines, as well as all internal and external stakeholders.

Principal Duties and Responsibilities:

- Supervise the day-to-day aspects associated with the Supply Purchase Services functions, as well as the staff necessary to support these functions
- Supervise the monthly accounting close for Off-System Sales revenue, expense and margins and the development of calculations for booking incentive sharing dollars for the company and the GCR
- Supervise the billing of off-system sales revenue, the timely collection of those receivables and resolution of billing issues
- Supervise the reconciliation of pipeline and supplier invoices in accordance with unique contract, tariff and pricing terms. Recommend approval of invoices for payment contractually on time and supervise the resolution of billing discrepancies and disputes.
- Support the negotiation and contracting for local gas and gathering contracts and recommend approval of payments of those contracts
- Supervise and guide the implementation of processes and controls to ensure accuracy and efficiency of these functions. Act to ensure processes meet accounting GAAP and FAS 133 requirements.
- Recommend, advise and lead issues with Accounting, Regulatory and Financial Planning on new or changing regulatory orders and accounting requirements. Support Treasury and Credit Risk Management information needs for credit risk exposure and for cash requirement information. Forecast and communicate changes in credit or cash positions in timely manner.
- Manage contracts with local producers.
- Promote the company's vision as it relates to Supply Services
- Research, make recommendations and process transaction improvements within the Supply Purchase Services organization, as well as successful, accurate and timely rollout/implementation. Initiate and foster continuing development, maintenance and improvement of computerized gas systems and data warehouses to meet the needs of ever-changing processes and of regulatory and management reporting requirements.
- Advise and guide the development of timely and accurate data for regulatory filings and for various state and federal regulatory authority interrogatories. Guide development of studies to support operational and management reporting needs.
- Supervise numerous internal and external audits in Sarbanes-Oxley environment including maintaining audit worthy records in accordance internal control guidelines and company policies and procedures. Guide responses to audit inquiries and keep management abreast of issues and concerns during audit. Manage the Sarbanes-Oxley compliance testing for Supply Purchase Services.
- Cultivate business relationships with suppliers, customers, pipelines and/or trade partners
- Establish and meet goals and objectives
- Provide organizational review and feedback for continual improvement efforts

- Identify the strengths and development needs of employees, and provide them with challenging assignments and opportunities for training and development
- Determine and evaluate strategic issues. Recommend strategic alternatives and develop strategy plans.
- Drive functional consistency, process standardization and operational excellence
- Instill / build teamwork
- Fulfill internal and external reporting requirements
- Attend and participate in marketer, customer, pipeline and regulatory meetings as needed
- Motivate and involve others to make changes and improvements
- Represent department and company to external and internal counterparts in a professional and courteous manner
- Maintain superior industry knowledge
- Provide input and information used in state and federal regulatory proceedings
- Promote and develop a favorable regulatory environment as it relates to Supply Purchase Services
- All other duties and responsibilities as assigned

Required Selection Criteria:

For Job Posting: Please respond to each of the criteria required selection questions, and be prepared to provide specific examples that demonstrate how your skills, abilities, and/or work experience meet the position criteria.

1. Extensive knowledge of, and proven experience with Supply Purchases Services
2. Proven leadership experience and ability
3. Strong analytical and strategic-thinking/planning abilities
4. Ability to identify, create and implement new processes, or process improvements
5. Knowledge of LDC and pipeline tariffs
6. Experience with managing, influencing and driving change
7. Strong problem solving and decision making skills
8. Strong organizational/planning skills
9. Ability to create, understand, and interpret contracts and complex agreements
10. Ability to work across departments collaboratively
11. Excellent oral and written communication skills
12. Proven ability to work independently
13. Ability to gain respect and trust from others, and build favorable business relationships
14. Proven track record of achieving results
15. Proven ability to pay close attention to detail
16. Proven ability to multi-task and effectively prioritize workload
17. Strong sense of urgency, and ability to meet deadlines
18. Recognize strategic implications of problems and issues
19. Ability to develop monthly reports/statistics that are meaningful, accurate and timely, as well as capture information pertinent to the success of Supply Purchase Services
20. Experience using PC, Microsoft Office, Lotus Notes, mainframe applications, and GasSource

Education:

Requires bachelor's degree or comparable industry-related work experience

Mental and Physical Requirements:

Frequent travel may be required

High accountability for Program and employee management

Frequent time may be required outside of traditional business hours

JOB DESCRIPTION

PROJECT ANALYST PLANNING (Job Code 106388)

Responsibilities

Develops, with input from various levels of management, supply & capacity plans, testimony and response to data requests for the NGD LDCs. Coordinates CO's involvement in regulatory cases. Is an expert in pipeline & LDC tariffs and provides operational and business support to NGD LDCs as needed. Works independently to research and develop proposed positions on various topics related to supply & capacity, and industry trends.

Principal Duties and Responsibilities:

- Prepares Strategic Gas Supply and Capacity Plans for NGDs LDCs. Coordinates with LDC management and CO personnel in addressing strategic issues.
- Researches potential concerns, analyzes to determine impact and recommends solutions as warranted for supply, capacity and forecasting related matters.
- Prepares testimony, exhibits, and data requests for supply, capacity and forecasting related regulatory proceedings (state and/or federal), and coordinates with LDC management and CO personnel as needed.
- Reviews information from interveners, commission staff and other interested parties, and develops or recommends appropriate course of action.
- Reviews and analyzes the impact of current and proposed pipeline and LDC tariffs. Develops alternatives, researches potential concerns and recommends the best operational and/or contractual positions for NGD.
- Completes independent research on complex topics related to gas supply, capacity and forecasting related matters. Develops analysis of the impact to NGD. Recommends appropriate NGD positions on complex topics to enhance operational and financial goals.
- Participates in industry sponsored committees and development/administration of industry-wide surveys.
- Participates in strategic discussions with internal and external parties as needed.
- Leads project team(s) as needed.
- Adjusts effectively to frequently changing work assignments.
- Delivers results that meet or exceed business plans/goals.
- All other duties and responsibilities as assigned.

Knowledge, Skills and Abilities:

Required for Selection:

- Understands complex concepts and relationships
- Recognizes strategic implications of problems and issues
- Fosters team commitment
- Effectively shares expertise and experience with others
- Draws accurate conclusions from quantitative and qualitative information
- Drives for results in carrying out assignments
- Works well in a team environment or independently
- Understands and interpret contracts, agreements and tariffs
- Excellent oral, written and listening communication skills
- Valid driver's license

Preferred for Selection:

- Advanced computer skills in various CO applications

- Experience working on project teams
- Knowledge of supply and capacity planning processes
- Knowledge of pipeline and/or LDC tariffs
- Experience with regulatory initiatives/proceedings

Education/Work Experience:

Required for Selection:

- BS/BA in a quantitative discipline or equivalent experience
- 3 years work experience in natural gas supply industry

Preferred for Selection:

- 3 years professional work experience

Other:

- Ability to travel
- Ability to work outside of normal business hours

Job Description

Title:	Gas Trader	Occupation Code:	N/A
Location:	Supply & Optimization (O&S)	Status:	Exempt
Reports To:	Director, Supply Development	Supervises:	N/A
		Date:	April xx, 2015

Job Summary:

The negotiation and execution of gas purchases and off system sales for the Company's LDC markets. Development and maintenance of productive business relationship with gas suppliers and counter parties. Utilization of a complex portfolio of gas supplies and pipeline services in a manner consistent with the Company's goal of providing reliable and economical service to its customers and income opportunities to its shareholders.

Principal Duties and Responsibilities:

- Develop and maintain productive business relationship with selected suppliers and counter parties on behalf of the affiliated Columbia LDCs.
- Develop, negotiate, and obtain approval for term gas purchase agreements and amendments.
- Negotiate the purchase of spot gas supplies with natural gas producers and marketers.
- Provide advice on least cost routing alternatives and critical gas supply decisions to assure uninterrupted flow of economical supplies to the Company's markets.
- Develop, recommend and implement the sale of off system products to increase revenues.
- Optimize LDC assets to increase off system sales revenue.
- Recommend uses for natural gas futures, options, and derivative products.
- Stay abreast of current gas prices, basis differentials, pricing trends, sales activity, constrained transportation areas, outages, and other general market conditions that may impact reliability, cost, profit, and deliverability.
- Respond to internal and external interrogatories.
- Recommend and implement change to policies and procedures to make operations more cost effective and efficient.
- Assure the integrity of data related to gas purchases and off system sales.
- Negotiate LNG purchase agreements.
- Negotiate trucking agreements for transporting LNG and or propane.
- Collaborate with Gas Control on optimizing the use of on system LNG and propane assets.

Knowledge, Skills and Abilities:

Required for Selection:

- A thorough understanding of interstate pipeline system transporting gas to the distribution companies including pipeline routings, constraint points, and nomination procedures.
- Proficiency using spreadsheet and word processing software.
- Seasoned experience in the natural gas industry.
- Strong written and oral communication skills.
- Strong organizational / time management skills.
- Learns new information quickly.
- Exercises independent judgment and initiate solutions.
- Adept and comfortable with the use of computer technology.
- Proven analytical skills.
- Develops effective working relationships with other people.
- Handles multiple demands and competing priorities.
- Work experience that has resulted in knowledge about gas supply and transportation.

Preferred for Selection:

- Working knowledge of natural gas futures, options, and derivative products.
- An understanding of distribution company operations, supply portfolio, strategic plans, and state incentive programs.
- Experience in the preparation of financial and/or economic analyses.
- Works well in team environment.
- Knowledgeable of computer technologies used by O&S.
- Recognizes strategic implications of problems and issues.
- Knowledge of LDC and pipeline tariffs.

Education/Work Experience:

Required for Selection:

- 3 years natural gas industry experience
- BS/BA in a quantitative discipline

Preferred for Selection:

- 3+ years of recent Gas Supply or Gas Transportation experience

Job Description for

Energy Supply & Optimization - Gas Transportation Analyst

Purpose: This position is for a Gas Transportation Analyst who will be a member of the Scheduling & Accounting team within NIPSCO's Energy Supply & Optimization ("ES&O") department. The Gas Transportation Analyst will have the primary responsibility including but not limited to the efficient and accurate scheduling, confirmation, and volume reconciliation of natural gas purchases, transportation and storage both on and off the company's natural gas distribution system. An analyst will collaborate with Portfolio Managers and Gas Control on a regular basis to provide strategic input into portfolio optimization and to ensure that all operational needs are met, so that the company's goal of providing safe, reliable service is achieved. A Gas Transportation Analyst in the NIPSCO ES&O department provides services to both internal and external customers, works collaboratively, and maintains good communication and relationships with all parties.

Essential Responsibilities:

- Nominate gas transportation on interstate pipelines and/or storage facilities in compliance with contract provisions, and the pipeline's and/or storage operator's tariff.
- Analyze available transportation and storage capacity and collaborate with Trading and Gas Control to determine strategic, cost effective ways to utilize our assets.
- Submit intra-day nomination changes as necessary to maintain balance of supply and demand
- Confirm daily city-gate nominations for system supply, transportation customers and Choice Suppliers.
- Verify and balance nominations, storage inventories and pipeline imbalances for data accuracy.
- Post capacity releases on pipeline and storage websites associated with transportation and storage allocations to Choice Suppliers.
- Monitor pipeline electronic bulletin boards for critical information including operational restrictions and communicate pertinent information to Gas Traders and Gas Control.
- Support Gas Accountant during the monthly accounting closing by providing documentation on volume reconciliation and storage inventories timely, and assist with reconciling discrepancies on monthly transportation or storage payable invoices.
- Maintain data and integrity of EASy and EAO systems, including system enhancements. Interact with the EASy and EAO IT support team.
- Review and maintain procedures for scheduling, confirmations and capacity release.
- Periodic coverage of on-call weekends/holidays.
- Establish and maintain positive working relationships with all internal and external parties.
- Participates in non-recurring ad hoc projects as needed

Selection Criteria:

- Gas Transportation, gas supply or related experience and knowledge
- Problem solving skills, detail oriented.
- Ability to work across departments collaboratively
- Excellent oral and written communication skills
- Ability to meet deadlines and produce accurate and timely work

- Demonstrated success in listening to problems, finding creative business solutions and effectively communicating and/or implementing solutions
- Knowledge of systems that are used to support the gas transportation function
- Proficient in Microsoft Office, specifically Excel and Word
- LDC Tariff and rate knowledge

Education Level:

- BS/BA in accounting, finance, or other business or quantitative discipline preferred.
- 1-3 years of experience in finance, accounting, regulatory environment or natural gas industry preferred.

General / Transferable Competencies:

- Follow Up: Develops and clearly communicates process for duties with appropriate interim deliverable dates. Identifies and informs of roadblocks to work plan. Gathers appropriate information and evaluates results.
- Quality Orientation: Identifies department quality standards and strives to achieve them by reviewing standard procedures for effectiveness and applicability as well as establishing reasonableness checks. Established high quality output and takes action to drive quality products and services.
- Stress Tolerance: Maintains focus and professionalism as well as demonstrating balance when under pressure or opposition (such as time pressure or job ambiguity). Maintains productive relationships and copes effectively during stressful situations.
- Communication: Speaks and writes in a clear, logical, and succinct manner. Presents issues effectively to others. Effectively communicates technical information in an understandable manner.
- Customer Focus: Seeks to understand and meet customers' needs. Builds collaborative relationships with customers.
- Meeting Participation: Clarifies current situation to ensure understanding of meeting content and conducts follow-up as necessary. Develops others' and own ideas, facilitates agreement, and establishes good interpersonal relationships. Leads meetings when and where appropriate.
- Applied Learning: Quickly gains knowledge, understanding and skills and actively participates in learning experiences. Applies knowledge and skills.
- Safety Awareness: Identifies and corrects conditions that affect employee safety. Upholds safety standards.
- Valuing Diversity: Creates and maintains an environment that naturally enables all employees to contribute to their full potential in pursuit of organizational objectives. Invites and respects others' input.
- Ethics and Values: Demonstrates our commitment to fair and ethical business dealings. Complies with the NiSource Code of Business Conduct. Lives by our core values of Safety, Teamwork, Integrity, Customer Focused, Continuous Improvement and Ownership.

Energy Supply & Trading – Gas Accountant

Purpose: This position is for a Gas Accountant who will be a member of the Scheduling & Accounting team within NIPSCO's Energy Supply & Trading ("ES&T") department. The Gas Accountant will have the primary responsibilities including but not limited to: preparing gas cost estimates for the monthly accounting close, processing monthly supply, transportation and storage payable invoices, preparing monthly accounts receivable invoices, including tracking/posting cash payments, gathering monthly audit support for OUCC/IURC audits, responding to data requests, providing support and /or participating in SOX control testing, and supporting the administration of the NIPSCO Choice program. This position may be required to develop and give presentations to both internal and external stakeholders. This position would also be a backup to the Gas Transportation Analyst on an as needed basis. A Gas Accountant in the NIPSCO ES&T department provides a wide range of services to both internal and external customers, works collaboratively, and maintains good communication and positive relationships with all parties.

Essential Responsibilities:

- Prepare gas cost estimate for the monthly accounting close associated with the GCA.
- Process monthly supplier, transportation and storage payable invoices related to GCA gas costs
- Prepare gas cost estimate for the monthly accounting close associated with the gas purchases for NIPSCO's generating stations.
- Process monthly supplier and transportation invoices related to gas costs for NIPSCO's generating stations.
- Prepare monthly accounts receivable invoices and track counterparty payments for cash posting.
- Support the administration of the operational parameters related to the NIPSCO Choice Program.
- Prepare monthly audit support for IURC/OUCC auditors
- Prepare responses to auditor data requests
- Prepare testimony as needed to support regulatory filings
- Support SOX control testing including reviewing ES&T Gas Accounting primary and secondary SOX controls for relevance
- Maintain data and integrity of the GasSource system, including system enhancements. Interface with the GasSource IT support team.
- Participate in review and provide input as necessary on ARP related gas tariffs
- Support Gas Rate Case initiatives as needed
- Support Dodd-Frank compliance efforts
- Collaborate with Major Accounts and Regulatory on new tariff offerings to customers
- Maintain contract files related to transportation, storage and supply contracts.
- Backup the Gas Transportation Analyst on an as needed basis
- Review and maintain procedures for monthly accounting close, and reconciliation of payable and receivable invoices.
- Establish and maintain positive working relationships with all internal and external parties.
- Participated in non-recurring ad hoc projects as needed

Selection Criteria:

- Gas Accounting or related accounting experience and knowledge
- Problem solving skills, detail oriented.
- Ability to work across departments collaboratively
- Excellent oral and written communication skills
- Ability to meet deadlines and produce accurate and timely work
- Demonstrated success in listening to problems, finding creative business solutions and effectively communicating and/or implementing solutions
- Proficient in Microsoft Office, specifically Excel and Word

Education Level:

- Requires BS/BA in accounting, finance, or other business or quantitative discipline.
- 1-3 years of experience in finance, accounting, or regulatory environment.

General / Transferable Competencies:

- Follow Up: Develops and clearly communicates process for duties with appropriate interim deliverable dates. Identifies and informs of roadblocks to work plan. Gathers appropriate information and evaluates results.
- Quality Orientation: Identifies department quality standards and strives to achieve them by reviewing standard procedures for effectiveness and applicability as well as establishing reasonableness checks. Established high quality output and takes action to drive quality products and services.
- Stress Tolerance: Maintains focus and professionalism as well as demonstrating balance when under pressure or opposition (such as time pressure or job ambiguity). Maintains productive relationships and copes effectively during stressful situations.
- Communication: Speaks and writes in a clear, logical, and succinct manner. Presents issues effectively to others. Effectively communicates technical information in an understandable manner.
- Customer Focus: Seeks to understand and meet customers' needs. Builds collaborative relationships with customers.
- Meeting Participation: Clarifies current situation to ensure understanding of meeting content and conducts follow-up as necessary. Develops others' and own ideas, facilitates agreement, and establishes good interpersonal relationships. Leads meetings when and where appropriate.
- Applied Learning: Quickly gains knowledge, understanding and skills and actively participates in learning experiences. Applies knowledge and skills.
- Safety Awareness: Identifies and corrects conditions that affect employee safety. Upholds safety standards.
- Valuing Diversity: Creates and maintains an environment that naturally enables all employees to contribute to their full potential in pursuit of organizational objectives. Invites and respects others' input.
- Ethics and Values: Demonstrates our commitment to fair and ethical business dealings. Complies with the NiSource Code of Business Conduct. Lives by our core values of Safety, Teamwork, Integrity, Customer Focused, Continuous Improvement and Ownership.

Planning Analyst

Job Code: 103005

Job Description

Responsibilities

Job Summary

Develop and maintain the daily generated reports like the Gas Operations Outlook (GOO) and Storage Activity Report (STAR), includes on-call coverage. Determine on a routine basis: the need for modifying system supply purchases, revenue generation opportunities, ability to provide banking and balancing services and storage activity and inventory levels for planning and operational purposes. Develop and maintain the SENDOUT database. Develop the monthly and seasonal review of assets available for optimization initiatives including capacity release, parks and loans, and off-system sales. Develop information used in NiSource's Regulatory and Financial Planning processes. Develop and maintain daily demand forecasts and data associated with daily forecasting.

Principal Duties and Responsibilities:

- Model and monitor the impact of various real and proposed regulatory and new service scenarios and make recommendations to CO management.
- Present information and make recommendations to CO, Supply and Optimization and NGD personnel regarding the optimum daily dispatch of available supplies, including peaking assets, and disposition of supply/demand imbalances.
- Provide on-call coverage to ensure supply/demand is properly balanced on weekends and holidays as needed.
- Monitor throughput, storage activity and storage/peaking inventories and use seasoned judgment to address problems/concerns.
- Develop accurate conclusions from quantitative analysis of recent historic throughput data to discern need for adjustments to NGD daily demand forecasts used for supply management purposes.
- Develop SENDOUT reports and analyses in support of Trading Floor activities, including monthly optimal usage of the gas portfolio assets, storage projections, term analysis, hedge study, etc. Present and defend analysis to CO management.
- Develop SENDOUT reports and analyses in support of Regulatory items, including GCRs, SGSP, etc.
- Monitor gas supplies from suppliers for both system supply and end-users; provide input and feedback to Trading Floor and Operations.
- Determine the monthly & seasonal NGD gas portfolio assets available for capacity release, parks & loans and off-system sales.
- Develop the 5 year optimal usage plan for NGD gas portfolio assets for Financial Planning purposes.
- Represent NiSource to external partners, customers and regulatory bodies.
- Develop and implement accurate, timely reports required by CO, other departments, the NGD, and regulatory bodies.
- Consult and lead the development and monitoring of data and data collection systems related to weather, demand, purchases, and other related variables that influence gas supply and demand.
- Stay abreast of applicable industry trends and changes via participation on industry sponsored committees and development/administration of industry-wide surveys.
- Ensure adequacy and functionality of software systems, IT applications and data warehouses that contain/provide information critical to supply management and NGD operations.
- Develop and publish Gas Operations Outlook operating guide.
- Develop and publish Winter Operations Reviews after conclusion of each winter for the NGDC.
- Review dispatch estimates of daily pipeline deliveries and reconcile differences with pipeline counterparts.
- Develop testimony & responses to data requests as assigned.

Knowledge, Skills and Abilities:

Required for Selection:

- Understands complex concepts and relationships
- Recognizes strategic implications of problems and issues
- Fosters team commitment
- Effectively shares expertise and experience with others
- Draws accurate conclusions from quantitative and qualitative information
- Drives for results in carrying out assignments
- Works well in a team environment or independently
- Understands and interpret contracts, agreements and tariffs
- Excellent oral, written and listening communication skills

Preferred for Selection:

- Advanced computer skills in various CO applications
- Experience working on project teams
- Knowledge of supply and capacity planning processes
- Knowledge of pipeline and/or LDC tariffs
- Experience with regulatory initiatives/proceedings

Education/Work Experience:

Required for Selection:

- BS/BA in a quantitative discipline or equivalent experience
- 1+ years work experience in natural gas supply industry

Preferred for Selection:

- 2+ years professional work experience

Other:

- Ability to travel
- Ability to work outside of normal business hours

Job Title: Nominations Specialist
Job Code: 106552

Job Summary

Provides nomination support services to CKY, CMD, COH, CPA, CGV and CMA. Establishes and maintains relationships with internal and external stakeholders as needed.

Principle Duties and Responsibilities

- Supports daily (7 day/week) Choice, transportation and SCO nomination activities/projects
- Monitors and recommends action in response to ever changing operating and reporting requirements
- Supports initiatives related to Nominations, as well as the implementation efforts
- Supports the various Customer Choice and SCO programs through capacity release activity, marketer interaction and training
- Provides closing information to GTS Billing for use in invoice/billing reconciliation
- Provides excellent customer service to internal and external audiences and continues to proactively look for ways to enhance the customer experience
- Supports contractual relationships with external parties
- Represents department and company to external and internal counterparts
- Communicates effectively with suppliers, pipelines, Local Distribution Companies, marketers, gas customers, and others who provide or receive services from Commercial Operations.
- Assists in the development, testing and implementation of computer systems capable of enhancing the nominations processes and operations
- Investigates and solves all internal and external stakeholder inquiries in a timely and accurate fashion
- Provides input and information used in state and federal regulatory proceedings
- Stays abreast of applicable industry and tariff changes and advise management of possible impacts
- Cultivates business relationships with suppliers, customers, pipelines and/or trade partners
- Participates in internal process reviews; identifies and implements improvements
- Establishes and meets goals and objectives
- Supports functional consistency, process standardization and operational excellence
- Fulfills internal and external reporting requirements
- Attends and participates in marketer, customer, pipeline and regulatory meetings as needed
- Maintains industry knowledge
- All other duties and responsibilities as assigned

Required Qualifications for Position

- Bachelor's Degree or comparable industry-related work experience

- Knowledge of, and proven experience with nominations
- Strong analytical and strategic-thinking/planning abilities
- Proven ability to identify, create and implement new processes, or process improvements
- Knowledge of Local Distribution Companies and pipeline tariffs
- Strong problem solving and decision making skills
- Strong organizational/planning skills
- Proven ability to work across departments collaboratively
- Excellent oral and written communication skills
- Proven ability to work independently
- Proven ability to gain respect and trust from others, and build favorable business relationships
- Proven track record of achieving results
- Proven ability to pay close attention to detail
- Proven ability to multi-task and effectively prioritize workload
- Strong sense of urgency, and ability to meet deadlines
- Recognize strategic implications of problems and issues
- Experience using PC, Microsoft Office, Lotus Notes, mainframe applications, and Aviator
- Some travel may be required
- High accountability for job performance and accurate and timely work
- Frequent time may be required outside of traditional business hours/on-call rotation

Disclaimer

The preceding description is not designed to be a complete list of all duties and responsibilities required of the position.

Job Title: Scheduler
Job Code: 103581

Job Summary

Provide pipeline scheduling and capacity asset management support services to Columbia Gas companies including capacity release activity related to the Customer Choice programs; asset management arrangements; and SCO programs. Establish and maintain relationships with internal and external stakeholders as needed.

Principal Duties and Responsibilities

- Maintain the day-to-day functions of scheduling transported gas supplies and capacity release and acquisition activity in a manner which provides service to customers while maximizing program sharing and other related benefits derived from LDC incentive programs.
- Monitor and recommend action in response to ever changing operating and reporting requirements
- Evaluate the utilization of contracts and advise Gas Traders of current procurement and transportation opportunities.
- Support initiatives related to Supply & Optimization, as well as the implementation efforts.
- Support the various Customer Choice and SCO programs through capacity release activity, marketer interaction and training.
- Monitor contracts and pipeline tariffs to assure rules are followed and utilized for procurement decisions.
- Provide closing information to Supply Purchase Services for use in invoice / billing reconciliation.
- Provide scheduling and contract information to Supply & Capacity Planning for use in modelling / forecasting.
- Support contractual relationships with external parties
- Represent department and company to external and internal counterparts
- Communicate effectively with suppliers, pipelines, LDC's, marketers, gas customers, and others who provide or receive services from Supply & Optimization.
- Assist in the development of computer systems capable of enhancing scheduling processes, planning, and operations
- Provide input and information used in state and federal regulatory proceedings
- Review capacity and assets and make recommendations to ensure safe and reliable gas supply to the customer
- Stay abreast of applicable industry and tariff changes and advise management of possible impacts
- Cultivate business relationships with suppliers, customers, pipelines and/or trade partners
- Participate in internal process reviews; identify and implement improvements
- Establish and meet goals and objectives

- Support functional consistency, process standardization and operational excellence
- Fulfill internal and external reporting requirements
- Attend and participate in marketer, customer, pipeline and regulatory meetings as needed
- Maintain industry knowledge.

Required Qualifications for Position

- Knowledge of, and proven experience with scheduling and/or nominations
- Strong analytical and strategic-thinking/planning abilities
- Ability to identify, create and implement new processes, or process improvements
- Knowledge of LDC and pipeline tariffs
- Strong problem solving and decision making skills
- Strong organizational/planning skills
- Ability to create, understand, and interpret contracts and complex agreements
- Ability to work across departments collaboratively
- Excellent oral and written communication skills
- Proven ability to work independently
- Ability to gain respect and trust from others, and build favorable business relationships
- Proven track record of achieving results
- Proven ability to pay close attention to detail
- Proven ability to multi-task and effectively prioritize workload
- Strong sense of urgency, and ability to meet deadlines
- Recognize strategic implications of problems and issues
- Experience using PC, Microsoft Office, Lotus Notes, Pipeline EBBs and GasSource
- Bachelor's degree or comparable industry-related work experience
- Some travel may be required
- Frequent time may be required outside of traditional business hours / on-call rotatio

Disclaimer

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Job Summary: The Portfolio Manager for this regulated utility consults with the planning, scheduling, and gas control groups to meet the gas system requirements at the lowest cost possible by utilizing all physical and financial tools available. The Portfolio Manager negotiates and executes gas supply transactions to meet these system supply needs on a daily and seasonal basis. In accordance with the corporate risk policy, identifies opportunities by maximizing different asset mixes and financial instruments. The optimization of the portfolio will be in a manner consistent with the company's goal of providing reliable and economical service to its customers and income opportunities to its shareholders.

Principal Duties and Responsibilities:

Understand and be able to articulate fundamentals driving the current and future natural gas market.
(Supply/Demand/Infrastructure, etc.)
Develop a detailed working knowledge of all on and off system (storage and pipeline) assets (contractual rights as well as overall portfolio optimization potential)
Work collaboratively with planning, scheduling, and gas control functions to design and execute gas purchasing strategies (physical or financial) that provide economic and operationally reliable supply for customers and income opportunities for shareholders.
Provide advice on least cost routing alternatives and other gas supply possibilities to assure an uninterrupted flow of economic supplies to the customers.
Negotiate the purchase of daily, monthly, and seasonal gas supplies to meet system supply needs.
Identify, evaluate and apply the risk/reward proposition to all transaction decisions.
Record all transactions in appropriate systems to ensure integrity of the data
Execute state regulatory approved power and gas financial hedging strategies for all the LDCs within the parent company..
Provide supply pricing, margin analysis and market information to support decisions regarding overall portfolio design.
Execute, track, and account for any physical or financial hedges requested by various program managers within the company.
When requested provide the methodology used in making decisions to internal and external stakeholders.
Assist as necessary in responding to data requests from regulatory stakeholders
Working knowledge of tariffs or Alternative Regulatory Plans (ARPs) that affect portfolio optimization including the Gas Cost Incentive Mechanism (GCIM).
Annually (or more if necessary) review and update all applicable processes and procedures.
Comply with all CFTC, FERC and CIP DOT requirements.
Act in a manner that is consistent with our principles and values.
Assist with other responsibilities as requested by the Director Portfolio Optimization.

Required for Selection:

Self-motivated / regularly demonstrates initiative
Collaborative/team oriented
Able to react quickly and effectively under changing conditions
Willing to share expertise and experience with others
Able to multi-task
Strong oral and written communication skills
Solid analytical and computer skills (Excel, PowerPoint, Access)

Preferred for Selection:

Understanding of local natural gas infrastructure
Basic trading knowledge/background
Experience working on project teams

Education/Work Experience:

Required for Selection: BS/BA in a quantitative discipline or equivalent experience. 2+ years work experience in the natural gas industry.

Preferred for Selection: 4+ years professional work experience in the natural gas marketing field. Experience with optimization of gas portfolio assets in a regulated utility environment

Job Title: Gas Trader
Job Code: 103587

Job Summary

The negotiation and execution of gas purchases and off system sales for the Company's LDC markets. Development and maintenance of productive business relationship with gas suppliers and counter parties. Utilization of a complex portfolio of gas supplies and pipeline services in a manner consistent with the Company's goal of providing reliable and economical service to its customers and income opportunities to its shareholders.

Principal Duties and Responsibilities

- Develop and maintain productive business relationship with selected suppliers and counter parties on behalf of the affiliated Columbia LDCs.
- Develop, negotiate, and obtain approval for term gas purchase agreements and amendments.
- Negotiate the purchase of spot gas supplies with natural gas producers and marketers.
- Provide advice on least cost routing alternatives and critical gas supply decisions to assure uninterrupted flow of economical supplies to the Company's markets.
- Develop, recommend and implement the sale of off system products to increase revenues.
- Optimize LDC assets to maximize program sharing with customers and company.
- Recommend uses for natural gas futures, options, and derivative products.
- Stay abreast of current gas prices, basis differentials, pricing trends, sales activity, constrained transportation areas, outages, and other general market conditions that may impact reliability, cost, profit, and deliverability.
- Respond to internal and external interrogatories.
- Recommend and implement change to policies and procedures to make operations more cost effective and efficient.
- Assure the integrity of data related to gas purchases and off system sales.

Required Qualifications for Position

- 3 years natural gas industry experience
- Bachelor's Degree in a quantitative discipline
- A thorough understanding of interstate pipeline system transporting gas to the distribution companies including pipeline routings, constraint points, and nomination procedures.
- Proficiency using spreadsheet and word processing software.
- Seasoned experience in the natural gas industry.
- Strong written and oral communication skills.
- Strong organizational/time management skills.
- Learns new information quickly.
- Exercises independent judgment and initiate solutions.

- Adept and comfortable with the use of computer technology.
- Proven analytical skills.
- Develops effective working relationships with other people.
- Handles multiple demands and competing priorities.
- Work experience that has resulted in knowledge about gas supply and transportation.

Preferred Additional Qualifications for Position

- 3+ years of recent Gas Supply or Gas Transportation experience
- Working knowledge of natural gas futures, options, and derivative products.
- An understanding of distribution company operations, supply portfolio, strategic plans, and state incentive programs.
- Experience in the preparation of financial and/or economic analyses.
- Works well in team environment.
- Knowledgeable of computer technologies used by O&S.
- Recognizes strategic implications of problems and issues.
- Knowledge of LDC and pipeline tariffs.

Disclaimer

The preceding description is not designed to be a complete list of all duties and responsibilities required of the position.

Job Description – Supply Services Analyst

Responsibilities

Coordinates and leads the accounting, reconciliation and reporting of gas purchases and off-system sales programs, manages the contracting and purchasing of local gas supplies and gathering programs, supports gas trading activity with analysis and studies related to incentive programs and gas margins, supports computer system development and data warehouse design, extracts data and develops reports using advance report writing software, leads regulatory and management reporting for incentive programs, leads and develops interrogatory responses, develops financial planning projections using analysis of data and trends, coordinates with Accounting, Regulatory Services, Financial Planning and Gas Transportation Services the implementation of new regulatory programs including accounting design in accordance with GAAP and FAS 133, manages and coordinates numerous regulatory, internal and external audits in a SOX environment, and designs and implements controls and procedures to ensure accuracy and efficiency of these functions. Builds relationships and interacts with LDC, gas marketer, producer, and pipeline personnel pertinent to the operation of the LDC's gas management activities.

Principal Duties and Responsibilities:

- Personnel in this job category are expected to progressively increase and apply their knowledge and skills regarding their function.
- Leads the monthly accounting close for gas purchase activity for estimates and actuals including analyzing and ensuring accuracy of data and assignment of account classifications for booking purposes.
- Leads the monthly accounting close for the Off System Sales estimates and actuals including analyzing and ensuring accuracy of data. Verifies and confirms the revenue, expense and margin component of each Off System Sale.
- Extracts data, calculates and advises Accounting of amount to book for company and GCR sharing dollars for various regulatory incentive sharing programs including capacity release and gas costs sharing programs.
- Leads the review and reconciliation of pipeline demand, storage, capacity release and transportation invoices and supplier invoices in accordance with numerous, unique and complex contract, tariff, and pricing terms.
- Leads the invoicing of revenue for off-system sells, exchanges, options and capacity management fees and Choice Storage gas sales. Manages the collection of the receivables and resolves billing issues in timely manner.
- Coordinates with Accounting the comparison of booked numbers to operational numbers to ensure accuracy and timing of bookings and reversals. Resolves differences and recommends to Accounting corrections and reversals of book dollars.
- Manages the contracting and payment of local gas program.
- Negotiates local gas and station agreement contracts with local gas producers and gathering system owners.
- Negotiates the purchase and sale of measuring stations and coordinates with field personnel the setting, shut-in and removal of gas measurement stations.
- Using knowledge of GAAP and FAS 133, explains, confers and makes recommendations to Accounting on various gas bookings issues. Reports to Accounting unusual or disputed items, recommends reversal of entries previously booked and assists in the development of accounting for new regulatory programs.
- Develops data for Commercial Operations and Regulatory to be used in gas cost recovery, Off System Sales programs and Choice filings. Writes, researches and advises on testimony and tariffs used in regulatory filings and develops pro-forma exhibits and schedules.
- Develops and coordinates responses to numerous interrogatory and data requests from various state and federal regulatory authorities including extracting and analyzing data, developing exhibits and reports and writing narrative responses.
- Advises and supports gas trading and scheduling activity with various quantitative analysis and studies of regulatory incentive program, margins, pricing and transportation paths.

- Tracks, monitors and reports hedged volumes and position per programs terms. Support Financial Planning with forecasts of revenues, margins, cost estimates and cash forecasts.
- Coordinates and reports comparison of forecasts to both operational and booked numbers. Assists with the reporting and monitoring of trading partner credit positions in accordance with corporate credit guidelines.
- Consults, coordinates and confers with Commercial Operations management and IT to design and implement changes to gas computer systems including the development and maintenance of data warehouses.
- Using knowledge of complex data, computer applications and query tools, extract and analyze data and develop ad hoc reports in response to interrogatories and management requests.
- Initiate new analysis, studies and reports to support gas and revenue opportunities and to effect process improvements through new or improved reports for trading, scheduling, accounting and management.
- Manage various internal and external audits in SOX environment including maintaining audit worthy records in accordance with company policies and procedures and internal control guidelines. Interacts, guides and responds to auditor inquiries and advises Commercial Operations management of issues and concerns during audit.
- Write and document processes and controls. Conduct and document SOX self-audits in accordance with audit guidelines.
- Design, implement and maintain new and current process and procedures and internal controls to ensure the accuracy and efficiencies of reporting, booking and supporting gas activities and functions above.
- Build relationships and interacts with LDC, gas marketer, producer, and pipeline personnel pertinent to the operation of the LDC's gas management activities.
- In dynamic environment, stays abreast of applicable industry and tariff changes and advises management of possible impacts.

Knowledge, Skills and Abilities:

Required for Selection:

- Understands complex concepts and relationships
- Recognizes strategic implications of problems and issues
- Fosters team commitment
- Effectively shares expertise and experience with others
- Draws accurate conclusions from quantitative information
- Drives for results in carrying out assignments.

Preferred for Selection:

- Advanced computer skills in various Commercial Operations applications
- Experience working on project teams.

Education/Work Experience:

Required for Selection:

- BS/BA in a quantitative discipline or equivalent experience

Preferred for Selection:

- 1+ years work experience in natural gas supply industry
- 2+ years professional work experience

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

16. Explain whether Columbia Kentucky competitively bids its supply contracts. If so, explain Columbia Kentucky's process to competitively bid the contracts for the PBR mechanism.

Response:

Columbia Kentucky competitively bids all of its supply contracts, be they daily purchases, monthly purchases or long term purchases. For the winter of 2020/21, Columbia Kentucky has not contracted with any long term suppliers, choosing instead to procure spot supplies on a monthly and daily basis.

The process of competitively bidding Columbia Kentucky's daily and monthly supply contracts generally involve the utilization of trading tools, such as Intercontinental Exchange (ICE), which allows buyers and sellers to view market prices in an open forum and then to potentially transact with a counterparty at a mutually agreeable

price. If a transaction is consummated, it is recorded electronically and each party is bound by the terms.

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

17. Identify and describe each transaction that was passed through the Off-System Sales Incentive (OSSI) portion of the PBR mechanism in each of the last 24 months by identifying the counterparty for each transaction; the nature of each transaction, including the type of transaction involved and the term of any contract; the revenue received from each transaction in each month; and the expenses Columbia Kentucky attributed to each transaction in each month.

Response:

Please see attachment labeled "2020-00378 Staff DR Set 1-17 Attachment A." To protect against sharing information that could impact the competitive market for gas supply, the information provided in the attachment has been anonymized. If Staff wishes to inspect this data with the contractual parties identified, Columbia Kentucky can provide that information upon request with the proper confidential treatment.

Columbia Gas of Kentucky, Inc.
Incremental Sales Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378

Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	Sold To	Purchased From	Flow Month	COST OF GAS SOLD		SALE	
				Transport Cost	Total Purch Cost	Total Sale	Total Revenue
Incremental	Company 1	Company A	Jan-19	\$0.00	\$12,300.00	\$12,550.00	\$250.00
Incremental	Company 2	Company B	Jan-19	\$0.00	\$815,400.00	\$830,400.00	\$15,000.00
Incremental	Company 3	Company C	Jan-19	\$0.00	\$33,975.00	\$34,400.00	\$425.00
Incremental	Company 4	Company D	Jan-19	\$0.00	\$27,519.75	\$28,755.00	\$1,235.25
Incremental	Company 5	Company E	Jan-19	\$0.00	\$16,987.50	\$17,750.00	\$762.50
Incremental	Company 6	Company F	Feb-19	\$0.00	\$15,593.00	\$16,724.50	\$1,131.50
Incremental	Company 7	Company G	Feb-19	\$0.00	\$12,365.00	\$13,600.00	\$1,235.00
Incremental	Company 8	Company H	Feb-19	\$0.00	\$12,575.00	\$13,600.00	\$1,025.00
Incremental	Company 9	Company I	Feb-19	\$0.00	\$8,981.75	\$10,064.00	\$1,082.25
Incremental	Company 10	Company J	Mar-19	\$0.00	\$40,237.50	\$40,350.00	\$112.50
Incremental	Company 11	Company K	Apr-19	\$0.00	\$12,575.00	\$12,887.50	\$312.50
Incremental	Company 12	Company L	Apr-19	\$0.00	\$12,575.00	\$12,925.00	\$350.00
Incremental	Company 13	Company M	Apr-19	\$0.00	\$12,575.00	\$13,112.50	\$537.50
Incremental	Company 14	Company N	Apr-19	\$0.00	\$12,575.00	\$12,650.00	\$75.00
Incremental	Company 15	Company O	May-19	\$0.00	\$11,625.00	\$12,200.00	\$575.00
Incremental	Company 16	Company P	May-19	\$0.00	\$11,625.00	\$12,200.00	\$575.00
Incremental	Company 17	Company Q	May-19	\$0.00	\$23,250.00	\$24,500.00	\$1,250.00
Incremental	Company 18	Company R	May-19	\$0.00	\$23,250.00	\$24,500.00	\$1,250.00
Incremental	Company 19	Company S	May-19	\$0.00	\$14,260.00	\$14,415.00	\$155.00
Incremental	Company 20	Company T	May-19	\$0.00	\$22,540.00	\$22,736.00	\$196.00
Incremental	Company 21	Company U	May-19	\$0.00	\$6,045.00	\$6,071.00	\$26.00
Incremental	Company 22	Company V	May-19	\$0.00	\$10,462.50	\$10,507.50	\$45.00
Incremental	Company 23	Company W	May-19	\$0.00	\$6,900.00	\$7,042.50	\$142.50
Incremental	Company 24	Company X	May-19	\$0.00	\$4,600.00	\$4,695.00	\$95.00
Incremental	Company 25	Company Y	May-19	\$0.00	\$11,500.00	\$11,900.00	\$400.00
Incremental	Company 26	Company Z	May-19	\$0.00	\$11,500.00	\$11,987.50	\$487.50

Columbia Gas of Kentucky, Inc.

KY PSC CN 2020-00378

Incremental Sales Passed Through OSSI

Staff's Data Request Set 1 No. 17 Attachment A

Period: January 2019 - December 2020

Sales Type	Sold To	Purchased From	Flow Month	COST OF GAS SOLD		SALE	
				Transport Cost	Total Purch Cost	Total Sale	Total Revenue
Incremental	Company 27	Company AA	May-19	\$0.00	\$11,500.00	\$11,875.00	\$375.00
Incremental	Company 28	Company BB	May-19	\$0.00	\$23,000.00	\$23,600.00	\$600.00
Incremental	Company 29	Company CC	May-19	\$0.00	\$23,000.00	\$23,600.00	\$600.00
Incremental	Company 30	Company DD	May-19	\$0.00	\$43,245.00	\$43,803.00	\$558.00
Incremental	Company 31	Company EE	May-19	\$0.00	\$2,092.50	\$2,112.75	\$20.25
Incremental	Company 32	Company FF	May-19	\$0.00	\$32,782.50	\$33,099.75	\$317.25
Incremental	Company 33	Company GG	May-19	\$0.00	\$7,672.50	\$7,738.50	\$66.00
Incremental	Company 34	Company HH	May-19	\$0.00	\$11,625.00	\$11,750.00	\$125.00
Incremental	Company 35	Company II	May-19	\$0.00	\$11,625.00	\$11,750.00	\$125.00
Incremental	Company 36	Company JJ	May-19	\$0.00	\$23,000.00	\$23,400.00	\$400.00
Incremental	Company 37	Company KK	May-19	\$0.00	\$11,500.00	\$11,662.50	\$162.50
Incremental	Company 38	Company LL	May-19	\$0.00	\$11,500.00	\$11,650.00	\$150.00
Incremental	Company 39	Company MM	May-19	\$0.00	\$11,500.00	\$11,600.00	\$100.00
Incremental	Company 40	Company NN	May-19	\$0.00	\$11,500.00	\$11,600.00	\$100.00
Incremental	Company 41	Company OO	May-19	\$0.00	\$11,500.00	\$11,600.00	\$100.00
Incremental	Company 42	Company PP	May-19	\$0.00	\$9,200.00	\$9,280.00	\$80.00
Incremental	Company 43	Company QQ	May-19	\$0.00	\$11,500.00	\$11,687.50	\$187.50
Incremental	Company 44	Company RR	May-19	\$0.00	\$11,500.00	\$11,725.00	\$225.00
Incremental	Company 45	Company SS	May-19	\$0.00	\$11,500.00	\$11,900.00	\$400.00
Incremental	Company 46	Company TT	May-19	\$0.00	\$23,000.00	\$23,800.00	\$800.00
Incremental	Company 47	Company UU	May-19	\$0.00	\$11,500.00	\$11,900.00	\$400.00
Incremental	Company 48	Company VV	Jul-19	\$0.00	\$10,112.50	\$10,625.00	\$512.50
Incremental	Company 49	Company WW	Jul-19	\$0.00	\$10,112.50	\$10,625.00	\$512.50
Incremental	Company 50	Company XX	Jul-19	\$0.00	\$10,112.50	\$10,625.00	\$512.50
Incremental	Company 51	Company YY	Jul-19	\$0.00	\$10,112.50	\$10,887.50	\$775.00
Incremental	Company 52	Company ZZ	Jul-19	\$0.00	\$2,613.00	\$2,706.00	\$93.00
Incremental	Company 53	Company AB	Jul-19	\$0.00	\$22,100.00	\$22,550.00	\$450.00
Incremental	Company 54	Company AC	Jul-19	\$0.00	\$11,050.00	\$11,337.50	\$287.50
Incremental	Company 55	Company AD	Jul-19	\$0.00	\$4,836.00	\$5,442.00	\$606.00

Columbia Gas of Kentucky, Inc.

KY PSC CN 2020-00378

Incremental Sales Passed Through OSSI

Staff's Data Request Set 1 No. 17 Attachment A

Period: January 2019 - December 2020

Sales Type	Sold To	Purchased From	Flow Month	COST OF GAS SOLD		SALE	
				Transport Cost	Total Purch Cost	Total Sale	Total Revenue
Incremental	Company 56	Company AE	Jul-19	\$0.00	\$22,100.00	\$22,600.00	\$500.00
Incremental	Company 57	Company AF	Jul-19	\$0.00	\$17,680.00	\$18,080.00	\$400.00
Incremental	Company 58	Company AG	Jul-19	\$0.00	\$11,050.00	\$11,150.00	\$100.00
Incremental	Company 59	Company AH	Jul-19	\$0.00	\$4,380.00	\$4,430.00	\$50.00
Incremental	Company 60	Company AI	Jul-19	\$0.00	\$5,475.00	\$5,512.50	\$37.50
Incremental	Company 61	Company AJ	Jul-19	\$0.00	\$10,947.50	\$10,975.00	\$27.50
Incremental	Company 62	Company AK	Jul-19	\$0.00	\$12,045.00	\$12,072.50	\$27.50
Incremental	Company 63	Company AL	Aug-19	\$0.00	\$19,975.00	\$20,200.00	\$225.00
Incremental	Company 64	Company AM	Aug-19	\$0.00	\$19,975.00	\$20,200.00	\$225.00
Incremental	Company 65	Company AN	Aug-19	\$0.00	\$19,200.00	\$19,400.00	\$200.00
Incremental	Company 66	Company AO	Sep-19	\$0.00	\$29,956.80	\$30,750.00	\$793.20
Incremental	Company 67	Company AP	Sep-19	\$0.00	\$19,950.00	\$21,050.00	\$1,100.00
Incremental	Company 68	Company AQ	Sep-19	\$0.00	\$22,500.00	\$22,900.00	\$400.00
Incremental	Company 69	Company AR	Sep-19	\$0.00	\$940.00	\$946.00	\$6.00
Incremental	Company 70	Company AS	Sep-19	\$0.00	\$11,750.00	\$11,825.00	\$75.00
Incremental	Company 71	Company AT	Sep-19	\$0.00	\$11,750.00	\$12,125.00	\$375.00
Incremental	Company 72	Company AU	Sep-19	\$0.00	\$5,170.00	\$5,280.00	\$110.00
Incremental	Company 73	Company AV	Sep-19	\$0.00	\$9,223.50	\$9,340.50	\$117.00
Incremental	Company 74	Company AW	Sep-19	\$0.00	\$5,912.50	\$5,987.50	\$75.00
Incremental	Company 75	Company AX	Sep-19	\$0.00	\$11,805.50	\$11,987.50	\$182.00
Incremental	Company 76	Company AY	Sep-19	\$0.00	\$19,270.00	\$19,331.50	\$61.50
Incremental	Company 77	Company AZ	Sep-19	\$0.00	\$1,175.00	\$1,178.75	\$3.75
Incremental	Company 78	Company BC	Sep-19	\$0.00	\$29,475.00	\$29,550.00	\$75.00
Incremental	Company 79	Company BD	Oct-19	\$0.00	\$12,600.00	\$12,712.50	\$112.50
Incremental	Company 80	Company BE	Oct-19	\$0.00	\$32,256.00	\$33,552.00	\$1,296.00
Incremental	Company 81	Company BF	Oct-19	\$0.00	\$937.50	\$940.00	\$2.50
Incremental	Company 82	Company BG	Oct-19	\$0.00	\$9,375.00	\$9,400.00	\$25.00

Columbia Gas of Kentucky, Inc.
Incremental Sales Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378

Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	Sold To	Purchased From	Flow Month	COST OF GAS SOLD		SALE	
				Transport Cost	Total Purch Cost	Total Sale	Total Revenue
Incremental	Company 83	Company BH	Oct-19	\$0.00	\$9,375.00	\$9,400.00	\$25.00
Incremental	Company 84	Company BI	Oct-19	\$0.00	\$9,098.50	\$9,550.00	\$451.50
Incremental	Company 85	Company BJ	Oct-19	\$0.00	\$31,587.50	\$33,687.50	\$2,100.00
Incremental	Company 86	Company BK	Oct-19	\$0.00	\$14,863.50	\$15,147.00	\$283.50
Incremental	Company 87	Company BL	Oct-19	\$0.00	\$9,175.00	\$9,375.00	\$200.00
Incremental	Company 88	Company BM	Oct-19	\$0.00	\$7,156.50	\$7,332.00	\$175.50
Incremental	Company 89	Company BN	Oct-19	\$0.00	\$8,400.00	\$9,725.00	\$1,325.00
Incremental	Company 90	Company BO	Oct-19	\$0.00	\$8,400.00	\$9,975.00	\$1,575.00
Incremental	Company 91	Company BP	Oct-19	\$0.00	\$168.00	\$199.75	\$31.75
Incremental	Company 92	Company BQ	Oct-19	\$0.00	\$4,200.00	\$4,993.75	\$793.75
Incremental	Company 93	Company BR	Jan-20	\$0.00	\$50,166.00	\$51,600.00	\$1,434.00
Incremental	Company 94	Company BS	Jan-20	\$0.00	\$8,700.00	\$9,350.00	\$650.00
Incremental	Company 95	Company BT	Jan-20	\$0.00	\$16,695.50	\$17,200.00	\$504.50
Incremental	Company 96	Company BU	Mar-20	\$0.00	\$13,860.00	\$13,948.00	\$88.00
Incremental	Company 97	Company BV	Apr-20	\$0.00	\$267.50	\$299.50	\$32.00
Incremental	Company 98	Company BW	Apr-20	\$0.00	\$13,107.50	\$14,675.50	\$1,568.00
Incremental	Company 99	Company BX	Apr-20	\$0.00	\$20,239.50	\$22,073.50	\$1,834.00
Incremental	Company 100	Company BY	Apr-20	\$0.00	\$10,031.25	\$11,025.00	\$993.75
Incremental	Company 101	Company BZ	Jun-20	\$0.00	\$14,650.00	\$14,700.00	\$50.00
Incremental	Company 102	Company CD	Jun-20	\$0.00	\$7,325.00	\$7,350.00	\$25.00
Incremental	Company 103	Company CE	Jun-20	\$0.00	\$3,516.00	\$3,594.00	\$78.00
Incremental	Company 104	Company CF	Jun-20	\$0.00	\$27,945.00	\$28,395.00	\$450.00
Incremental	Company 105	Company CG	Jul-20	\$0.00	\$7,812.50	\$7,875.00	\$62.50
Incremental	Company 106	Company CH	Jul-20	\$0.00	\$7,812.50	\$7,875.00	\$62.50
Incremental	Company 107	Company CI	Jul-20	\$0.00	\$2,202.75	\$2,212.00	\$9.25

Columbia Gas of Kentucky, Inc.
Incremental Sales Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378

Staff's Data Request Set 1 No. 17 Attachment A

<u>Sales Type</u>	<u>Sold To</u>	<u>Purchased From</u>	<u>Flow Month</u>	COST OF GAS SOLD		SALE	
				<u>Transport Cost</u>	<u>Total Purch Cost</u>	<u>Total Sale</u>	<u>Total Revenue</u>
Incremental	Company 108	Company CJ	Jul-20	\$0.00	\$14,454.99	\$14,850.00	\$395.01
Incremental	Company 109	Company CK	Sep-20	\$0.00	\$8,693.75	\$9,125.00	\$431.25
Incremental	Company 110	Company CL	Sep-20	\$0.00	\$34,463.80	\$38,600.00	\$4,136.20
Incremental	Company 111	Company CM	Sep-20	\$0.00	\$8,647.00	\$8,925.00	\$278.00
Incremental	Company 112	Company CN	Sep-20	\$0.00	\$8,700.00	\$9,125.00	\$425.00
Incremental	Company 113	Company CO	Oct-20	\$0.00	\$9,875.00	\$9,950.00	\$75.00
Incremental	Company 114	Company CP	Oct-20	\$0.00	\$9,875.00	\$9,950.00	\$75.00
Incremental	Company 115	Company CQ	Oct-20	\$0.00	\$8,097.50	\$8,753.50	\$656.00
Incremental	Company 116	Company CR	Oct-20	\$0.00	\$1,777.50	\$1,921.50	\$144.00
Incremental	Company 117	Company CS	Oct-20	\$0.00	\$15,725.00	\$21,100.00	\$5,375.00
Incremental	Company 118	Company CT	Oct-20	\$0.00	\$4,400.00	\$5,350.00	\$950.00
Incremental	Company 119	Company CU	Oct-20	\$0.00	\$3,540.00	\$4,140.00	\$600.00
Incremental	Company 120	Company CV	Oct-20	\$0.00	\$9,735.00	\$11,550.00	\$1,815.00
Incremental	Company 121	Company CW	Oct-20	\$0.00	\$8,850.00	\$11,637.50	\$2,787.50
Incremental	Company 122	Company CX	Oct-20	\$0.00	\$8,802.00	\$11,750.00	\$2,948.00

Columbia Gas of Kentucky, Inc.
Exchanges Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378
Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	RECEIPT FLOW Month	DELIVERY FLOW Month	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS Expired	SOLD TO	TOTAL COST \$	TOTAL SALE \$	Total Revenue	Monthly Revenue
Exchange	Sep-18	Jan-19	Jan-19	5	5	Company 123	\$0.00	\$24,800.00	\$24,800.00	\$4,960.00
Exchange	Sep-18		Feb-19	6	5	Company 124	\$0.00	\$22,400.00	\$22,400.00	\$3,733.33
Exchange		Jan-19	Apr-19	4	1	Company 125	\$0.00	\$70,200.00	\$70,200.00	\$17,550.00
Exchange		Jan-19	Jun-19	6	1	Company 126	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Jan-19	Jun-19	6	1	Company 127	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange		Dec-18	Jul-19	8	2	Company 128	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	1	Company 129	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	1	Company 130	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange	Sep-18	Feb-19	Feb-19	6	6	Company 131	\$0.00	\$22,400.00	\$22,400.00	\$3,733.33
Exchange		Jan-19	Apr-19	4	2	Company 132	\$0.00	\$70,200.00	\$70,200.00	\$17,550.00
Exchange		Jan-19	Jun-19	6	2	Company 133	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Jan-19	Jun-19	6	2	Company 134	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange		Dec-18	Jul-19	8	3	Company 135	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	2	Company 136	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	2	Company 137	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange	Mar-19	Mar-19	Mar-19	1	1	Company 138	\$0.00	(\$300.00)	-\$300.00	-\$300.00
Exchange		Jan-19	Apr-19	4	3	Company 139	\$0.00	\$70,200.00	\$70,200.00	\$17,550.00
Exchange		Mar-19	May-19	3	1	Company 140	\$0.00	\$76,725.00	\$76,725.00	\$25,575.00
Exchange		Jan-19	Jun-19	6	3	Company 141	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Jan-19	Jun-19	6	3	Company 142	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange		Dec-18	Jul-19	8	4	Company 143	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	3	Company 144	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	3	Company 145	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange	Apr-19	Jan-19	Apr-19	4	4	Company 146	\$0.00	\$70,200.00	\$70,200.00	\$17,550.00
Exchange		Mar-19	May-19	3	2	Company 147	\$0.00	\$76,725.00	\$76,725.00	\$25,575.00
Exchange		Jan-19	Jun-19	6	4	Company 148	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Jan-19	Jun-19	6	4	Company 149	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange		Dec-18	Jul-19	8	5	Company 150	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	4	Company 151	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	4	Company 152	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange	May-19	Mar-19	May-19	3	3	Company 153	\$0.00	\$76,725.00	\$76,725.00	\$25,575.00
Exchange		Jan-19	Jun-19	6	5	Company 154	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Jan-19	Jun-19	6	5	Company 155	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange		Dec-18	Jul-19	8	6	Company 156	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	5	Company 157	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	5	Company 158	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange	May-19		Dec-19	8	1	Company 159	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	1	Company 160	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	May-19		Feb-20	10	1	Company 161	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	1	Company 162	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	Jun-19	Jan-19	Jun-19	6	6	Company 163	\$0.00	\$135,000.00	\$135,000.00	\$22,500.00
Exchange	Jun-19	Jan-19	Jun-19	6	6	Company 164	\$0.00	\$94,770.00	\$94,770.00	\$15,795.00
Exchange		Dec-18	Jul-19	8	7	Company 165	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	6	Company 166	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange		Jan-19	Aug-19	8	6	Company 167	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jun-19	Sep-19	4	1	Company 168	\$0.00	\$2,400.00	\$2,400.00	\$600.00

Columbia Gas of Kentucky, Inc.
Exchanges Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378
 Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	RECEIPT FLOW Month	DELIVERY FLOW Month	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS Expired	SOLD TO	TOTAL COST \$	TOTAL SALE \$	Total Revenue	Monthly Revenue
Exchange		Jun-19	Sep-19	4	1	Company 169	\$0.00	\$4,500.00	\$4,500.00	\$1,125.00
Exchange		Jun-19	Sep-19	4	1	Company 170	\$0.00	\$30,000.00	\$30,000.00	\$7,500.00
Exchange		Jun-19	Sep-19	4	1	Company 171	\$0.00	\$4,200.00	\$4,200.00	\$1,050.00
Exchange	May-19		Dec-19	8	2	Company 172	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	2	Company 173	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	May-19		Feb-20	10	2	Company 174	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	2	Company 175	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	Jul-19	Dec-18	Jul-19	8	8	Company 176	\$0.00	\$526,225.00	\$526,225.00	\$65,778.13
Exchange		Jan-19	Aug-19	8	7	Company 177	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange		Jan-19	Aug-19	8	7	Company 178	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange		Jun-19	Sep-19	4	2	Company 179	\$0.00	\$30,000.00	\$30,000.00	\$7,500.00
Exchange		Jun-19	Sep-19	4	2	Company 180	\$0.00	\$4,200.00	\$4,200.00	\$1,050.00
Exchange		Jul-19	Sep-19	3	1	Company 181	\$0.00	\$4,200.00	\$4,200.00	\$1,400.00
Exchange		Jun-19	Sep-19	4	2	Company 182	\$0.00	\$2,400.00	\$2,400.00	\$600.00
Exchange		Jun-19	Sep-19	4	2	Company 183	\$0.00	\$4,500.00	\$4,500.00	\$1,125.00
Exchange	May-19		Dec-19	8	3	Company 184	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	3	Company 185	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	May-19		Feb-20	10	3	Company 186	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	3	Company 187	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	Aug-19	Jan-19	Aug-19	8	8	Company 188	\$0.00	\$114,080.00	\$114,080.00	\$14,260.00
Exchange	Aug-19	Jan-19	Aug-19	8	8	Company 189	\$0.00	\$119,427.50	\$119,427.50	\$14,928.44
Exchange		Jun-19	Sep-19	4	3	Company 190	\$0.00	\$2,400.00	\$2,400.00	\$600.00
Exchange		Jun-19	Sep-19	4	3	Company 191	\$0.00	\$4,500.00	\$4,500.00	\$1,125.00
Exchange		Jun-19	Sep-19	4	3	Company 192	\$0.00	\$30,000.00	\$30,000.00	\$7,500.00
Exchange		Jun-19	Sep-19	4	3	Company 193	\$0.00	\$4,200.00	\$4,200.00	\$1,050.00
Exchange		Jul-19	Sep-19	3	2	Company 194	\$0.00	\$4,200.00	\$4,200.00	\$1,400.00
Exchange	May-19		Dec-19	8	4	Company 195	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	4	Company 196	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	May-19		Feb-20	10	4	Company 197	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	4	Company 198	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	Sep-19	Jun-19	Sep-19	4	4	Company 199	\$0.00	\$2,400.00	\$2,400.00	\$600.00
Exchange	Sep-19	Jun-19	Sep-19	4	4	Company 200	\$0.00	\$4,500.00	\$4,500.00	\$1,125.00
Exchange	Sep-19	Jun-19	Sep-19	4	4	Company 201	\$0.00	\$30,000.00	\$30,000.00	\$7,500.00
Exchange	Sep-19	Jun-19	Sep-19	4	4	Company 202	\$0.00	\$4,200.00	\$4,200.00	\$1,050.00
Exchange	Sep-19	Jul-19	Sep-19	3	3	Company 203	\$0.00	\$4,200.00	\$4,200.00	\$1,400.00
Exchange	May-19		Dec-19	8	5	Company 204	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	Sep-19		Jan-20	5	1	Company 205	\$0.00	\$23,250.00	\$23,250.00	\$4,650.00
Exchange	May-19		Jan-20	9	5	Company 206	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	May-19		Feb-20	10	5	Company 207	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	5	Company 208	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	May-19		Dec-19	8	6	Company 209	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	6	Company 210	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	Sep-19		Jan-20	5	2	Company 211	\$0.00	\$23,250.00	\$23,250.00	\$4,650.00
Exchange	May-19		Feb-20	10	6	Company 212	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	6	Company 213	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	May-19		Dec-19	8	7	Company 214	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	7	Company 215	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	Sep-19		Jan-20	5	3	Company 216	\$0.00	\$23,250.00	\$23,250.00	\$4,650.00

Columbia Gas of Kentucky, Inc.
Exchanges Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378
Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	RECEIPT FLOW Month	DELIVERY FLOW Month	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS Expired	SOLD TO	TOTAL COST \$	TOTAL SALE \$	Total Revenue	Monthly Revenue
Exchange	May-19		Feb-20	10	7	Company 217	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	7	Company 218	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	May-19	Dec-19	Dec-19	8	8	Company 219	\$0.00	\$86,800.00	\$86,800.00	\$10,850.00
Exchange	May-19		Jan-20	9	8	Company 220	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	Sep-19		Jan-20	5	4	Company 221	\$0.00	\$23,250.00	\$23,250.00	\$4,650.00
Exchange	May-19		Feb-20	10	8	Company 222	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	May-19		Mar-20	11	8	Company 223	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange	May-19	Jan-20	Jan-20	9	9	Company 224	\$0.00	\$86,800.00	\$86,800.00	\$9,644.44
Exchange	Sep-19	Jan-20	Jan-20	5	5	Company 225	\$0.00	\$23,250.00	\$23,250.00	\$4,650.00
Exchange	May-19		Feb-20	10	9	Company 226	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange		Jan-20	Feb-20	2	1	Company 227	\$0.00	\$7,250.00	\$7,250.00	\$3,625.00
Exchange	May-19		Mar-20	11	9	Company 228	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange		Jan-20	May-20	5	1	Company 229	\$0.00	\$1,240.00	\$1,240.00	\$248.00
Exchange		Jan-20	May-20	5	1	Company 230	\$0.00	\$620.00	\$620.00	\$124.00
Exchange		Jan-20	May-20	5	1	Company 231	\$0.00	\$6,200.00	\$6,200.00	\$1,240.00
Exchange	May-19	Feb-20	Feb-20	10	10	Company 232	\$0.00	\$81,200.00	\$81,200.00	\$8,120.00
Exchange	Feb-20	Jan-20	Feb-20	2	2	Company 233	\$0.00	\$7,250.00	\$7,250.00	\$3,625.00
Exchange	May-19		Mar-20	11	10	Company 234	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange		Jan-20	May-20	5	2	Company 235	\$0.00	\$1,240.00	\$1,240.00	\$248.00
Exchange		Jan-20	May-20	5	2	Company 236	\$0.00	\$620.00	\$620.00	\$124.00
Exchange		Jan-20	May-20	5	2	Company 237	\$0.00	\$6,200.00	\$6,200.00	\$1,240.00
Exchange	May-19	Mar-20	Mar-20	11	11	Company 238	\$0.00	\$86,800.00	\$86,800.00	\$7,890.91
Exchange		Jan-20	May-20	5	3	Company 239	\$0.00	\$620.00	\$620.00	\$124.00
Exchange		Jan-20	May-20	5	3	Company 240	\$0.00	\$6,200.00	\$6,200.00	\$1,240.00
Exchange		Jan-20	May-20	5	3	Company 241	\$0.00	\$1,240.00	\$1,240.00	\$248.00
Exchange		Jan-20	May-20	5	4	Company 242	\$0.00	\$1,240.00	\$1,240.00	\$248.00
Exchange		Jan-20	May-20	5	4	Company 243	\$0.00	\$620.00	\$620.00	\$124.00
Exchange		Jan-20	May-20	5	4	Company 244	\$0.00	\$6,200.00	\$6,200.00	\$1,240.00
Exchange	Apr-20		Dec-20	9	1	Company 245	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	1	Company 246	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Apr-20		Jan-21	10	1	Company 247	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	1	Company 248	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Apr-20		Feb-21	11	1	Company 249	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	1	Company 250	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Apr-20		Mar-21	12	1	Company 251	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	May-20	Jan-20	May-20	5	5	Company 252	\$0.00	\$1,240.00	\$1,240.00	\$248.00
Exchange	May-20	Jan-20	May-20	5	5	Company 253	\$0.00	\$620.00	\$620.00	\$124.00
Exchange	May-20	Jan-20	May-20	5	5	Company 254	\$0.00	\$6,200.00	\$6,200.00	\$1,240.00
Exchange	May-20		Aug-20	4	1	Company 255	\$0.00	\$21,700.00	\$21,700.00	\$5,425.00
Exchange	Apr-20		Dec-20	9	2	Company 256	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	2	Company 257	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Apr-20		Jan-21	10	2	Company 258	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	2	Company 259	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Apr-20		Feb-21	11	2	Company 260	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	2	Company 261	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Apr-20		Mar-21	12	2	Company 262	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83

Columbia Gas of Kentucky, Inc.
Exchanges Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378
 Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	RECEIPT FLOW Month	DELIVERY FLOW Month	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS Expired	SOLD TO	TOTAL COST \$	TOTAL SALE \$	Total Revenue	Monthly Revenue
Exchange	May-20		Aug-20	4	2	Company 263	\$0.00	\$21,700.00	\$21,700.00	\$5,425.00
Exchange	Apr-20		Dec-20	9	3	Company 264	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Dec-20	7	1	Company 265	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Apr-20		Dec-20	9	3	Company 266	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Jan-21	10	3	Company 267	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Jun-20		Jan-21	8	1	Company 268	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Apr-20		Jan-21	10	3	Company 269	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Feb-21	11	3	Company 270	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	3	Company 271	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Jun-20		Feb-21	9	1	Company 272	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Apr-20		Mar-21	12	3	Company 273	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	May-20		Aug-20	4	3	Company 274	\$0.00	\$21,700.00	\$21,700.00	\$5,425.00
Exchange	Apr-20		Dec-20	9	4	Company 275	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	4	Company 276	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Dec-20	7	2	Company 277	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Jun-20		Jan-21	8	2	Company 278	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Apr-20		Jan-21	10	4	Company 279	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	4	Company 280	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Jun-20		Feb-21	9	2	Company 281	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Apr-20		Feb-21	11	4	Company 282	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	4	Company 283	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Apr-20		Mar-21	12	4	Company 284	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	May-20	Aug-20	Aug-20	4	4	Company 285	\$0.00	\$21,700.00	\$21,700.00	\$5,425.00
Exchange	Apr-20		Dec-20	9	5	Company 286	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	5	Company 287	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Dec-20	7	3	Company 288	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Apr-20		Jan-21	10	5	Company 289	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	5	Company 290	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Jun-20		Jan-21	8	3	Company 291	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Apr-20		Feb-21	11	5	Company 292	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	5	Company 293	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Jun-20		Feb-21	9	3	Company 294	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Apr-20		Mar-21	12	5	Company 295	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	Apr-20		Dec-20	9	6	Company 296	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	6	Company 297	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Dec-20	7	4	Company 298	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Sep-20		Dec-20	4	1	Company 299	\$0.00	\$155,000.00	\$155,000.00	\$38,750.00
Exchange	Apr-20		Jan-21	10	6	Company 300	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	6	Company 301	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Jun-20		Jan-21	8	4	Company 302	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Sep-20		Jan-21	5	1	Company 303	\$0.00	\$155,000.00	\$155,000.00	\$31,000.00
Exchange	Apr-20		Feb-21	11	6	Company 304	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	6	Company 305	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Jun-20		Feb-21	9	4	Company 306	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Sep-20		Feb-21	6	1	Company 307	\$0.00	\$140,000.00	\$140,000.00	\$23,333.33
Exchange	Apr-20		Mar-21	12	6	Company 308	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	Jun-20		Dec-20	7	5	Company 309	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Sep-20		Dec-20	4	2	Company 310	\$0.00	\$155,000.00	\$155,000.00	\$38,750.00
Exchange	Apr-20		Dec-20	9	7	Company 311	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78

Columbia Gas of Kentucky, Inc.
Exchanges Passed Through OSSI
Period: January 2019 - December 2020

KY PSC CN 2020-00378
 Staff's Data Request Set 1 No. 17 Attachment A

Sales Type	RECEIPT FLOW Month	DELIVERY FLOW Month	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS Expired	SOLD TO	TOTAL COST \$	TOTAL SALE \$	Total Revenue	Monthly Revenue
Exchange	Apr-20		Dec-20	9	7	Company 312	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Jan-21	8	5	Company 313	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Sep-20		Jan-21	5	2	Company 314	\$0.00	\$155,000.00	\$155,000.00	\$31,000.00
Exchange	Apr-20		Jan-21	10	7	Company 315	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	7	Company 316	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Apr-20		Feb-21	11	7	Company 317	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Jun-20		Feb-21	9	5	Company 318	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Sep-20		Feb-21	6	2	Company 319	\$0.00	\$140,000.00	\$140,000.00	\$23,333.33
Exchange	Apr-20		Feb-21	11	7	Company 320	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Mar-21	12	7	Company 321	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	Jun-20		Dec-20	7	6	Company 322	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Sep-20		Dec-20	4	3	Company 323	\$0.00	\$155,000.00	\$155,000.00	\$38,750.00
Exchange		Nov-20	Dec-20	2	1	Company 324	\$0.00	\$5,580.00	\$5,580.00	\$2,790.00
Exchange		Nov-20	Dec-20	2	1	Company 325	\$0.00	\$11,160.00	\$11,160.00	\$5,580.00
Exchange	Apr-20		Dec-20	9	8	Company 326	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20		Dec-20	9	8	Company 327	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20		Jan-21	8	6	Company 328	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Sep-20		Jan-21	5	3	Company 329	\$0.00	\$155,000.00	\$155,000.00	\$31,000.00
Exchange	Apr-20		Jan-21	10	8	Company 330	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	8	Company 331	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Apr-20		Feb-21	11	8	Company 332	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Jun-20		Feb-21	9	6	Company 333	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Sep-20		Feb-21	6	3	Company 334	\$0.00	\$140,000.00	\$140,000.00	\$23,333.33
Exchange	Apr-20		Feb-21	11	8	Company 335	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Mar-21	12	8	Company 336	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83
Exchange	Sep-20	Dec-20	Dec-20	4	4	Company 337	\$0.00	\$155,000.00	\$155,000.00	\$38,750.00
Exchange	Dec-20	Nov-20	Dec-20	2	2	Company 338	\$0.00	\$5,580.00	\$5,580.00	\$2,790.00
Exchange	Dec-20	Nov-20	Dec-20	2	2	Company 339	\$0.00	\$11,160.00	\$11,160.00	\$5,580.00
Exchange	Apr-20	Dec-20	Dec-20	9	9	Company 340	\$0.00	\$26,350.00	\$26,350.00	\$2,927.78
Exchange	Apr-20	Dec-20	Dec-20	9	9	Company 341	\$0.00	\$63,550.00	\$63,550.00	\$7,061.11
Exchange	Jun-20	Dec-20	Dec-20	7	7	Company 342	\$0.00	\$173,600.00	\$173,600.00	\$24,800.00
Exchange	Sep-20		Jan-21	5	4	Company 343	\$0.00	\$155,000.00	\$155,000.00	\$31,000.00
Exchange		Dec-20	Jan-21	2	1	Company 344	\$0.00	\$10,075.00	\$10,075.00	\$5,037.50
Exchange	Apr-20		Jan-21	10	9	Company 345	\$0.00	\$26,350.00	\$26,350.00	\$2,635.00
Exchange	Apr-20		Jan-21	10	9	Company 346	\$0.00	\$63,550.00	\$63,550.00	\$6,355.00
Exchange	Jun-20		Jan-21	8	7	Company 347	\$0.00	\$173,600.00	\$173,600.00	\$21,700.00
Exchange	Jun-20		Feb-21	9	7	Company 348	\$0.00	\$156,800.00	\$156,800.00	\$17,422.22
Exchange	Sep-20		Feb-21	6	4	Company 349	\$0.00	\$140,000.00	\$140,000.00	\$23,333.33
Exchange	Apr-20		Feb-21	11	9	Company 350	\$0.00	\$23,800.00	\$23,800.00	\$2,163.64
Exchange	Apr-20		Feb-21	11	9	Company 351	\$0.00	\$57,400.00	\$57,400.00	\$5,218.18
Exchange	Apr-20		Mar-21	12	9	Company 352	\$0.00	\$26,350.00	\$26,350.00	\$2,195.83

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

18. Explain how Columbia Kentucky determines what expenses should be attributed to specific transactions that are passed through the OSSI of the PBR mechanism.

Response: Columbia Kentucky conducts two types of transactions that are passed through the OSSI of the PBR mechanisms:

- 1) Incremental Sales: Columbia Kentucky completes incremental sales at the Columbia Gas Transmission Interruptible Paper Pool (TCO Pool). The expenses that are attributable to an incremental sale at the TCO Pool are prior purchases of gas at the TCO Pool. Therefore, the difference in price between the gas that was sold and the gas that was procured net out as OSSI margin revenue, and pass through the PBR mechanism.
- 2) Exchanges (parks and loans): Columbia Kentucky completes parks and loans at the TCO Pool. The park and loan transactions allow Columbia Kentucky, for a fee, to either receive or deliver gas at the TCO Pool over a period of time. A park occurs when the trading partner first delivers gas to the TCO Pool for Columbia Kentucky, and then Columbia Kentucky subsequently returns an equivalent volume back to the trading partner. A loan occurs when Columbia Kentucky first delivers gas to the TCO Pool for the trading partner, and subsequently receives an equivalent volume in return. The OSSI revenue is the fee Columbia Kentucky receives from the trading partner for completing the transaction.

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

19. State whether the GCI and TCI portion of the Company Performance Share (CPS) attributable to the purchase of gas by Columbia Kentucky that is sold as part of an off-system sale is considered an expense that is used to reduce the net revenue before the revenue from the off-system sale is passed through the OSSI of the PBR mechanism, and if not, explain why Columbia Kentucky contends its practice is reasonable.

Response:

It is not Columbia Kentucky's practice to use gas that has passed through the GCI mechanism as the source gas for off-system sales. Therefore, the CPS is not an appropriate expense for the gas that is used for off-systems sales.

The CPS for the TCI portion for transportation capacity is not considered an expense for off-system sales. The pipeline transportation costs would be incurred whether or not Columbia Kentucky completed off-system sales transactions. Columbia Kentucky is not contracting for transportation services to transact off-system sales, but rather is doing so

to provide firm service. Through off-system sales, Columbia Kentucky is optimizing the asset to lower overall cost than otherwise would be paid by customers without these transactions. Therefore, these are independent activities.

This treatment is reasonable and consistent with the Commission orders related to the PBR mechanism.

COLUMBIA GAS OF KENTUCKY, INC.
RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION
DATED FEBRUARY 8, 2021

20. State whether the TCI portion of the CPS attributable to obtaining capacity that is later released or sold as part of an off-system sale is considered an expense that is used to reduce the net revenue before the revenue from off-system sale is passed through the OSSI of the PBR mechanism, and if not, explain why Columbia Kentucky contends its practice is reasonable

Response: The CPS for the TCI portion for transportation capacity is not considered an expense for released capacity or for off-system sales. These are independent activities. The pipeline transportation costs would be incurred whether or not Columbia Kentucky released capacity or executed off-system sales transactions. Columbia Kentucky is not contracting for transportation services to transact off-system sales or release the capacity, but is doing so to provide firm service. Through capacity release and off-system sales, Columbia Kentucky is optimizing the asset to lower overall cost than otherwise would be paid by customers without these transactions. For these reasons, it is reasonable to not include the CPS as an expense for off-system sales or capacity release transactions.