

May 1, 2017

Dr. Talina Mathews
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

RECEIVED
MAY 01 2017
PUBLIC SERVICE
COMMISSION

RE: Case No. 2014-00350

Dear Dr. Mathews:

Pursuant to the Commission's Order issued on March 27, 2015, in the above referenced case, Columbia Gas of Kentucky, Inc. ("Columbia") submits the following regarding the PBR annual report as Ordered therein.

The attached monthly reports provide the savings of each of the individual components and a monthly summary. The reports are for the period February 2016 through March 2017. These reports support the calculation of the PBR Adjustment set forth on Schedule No. 6 of Columbia's Gas Cost Adjustment, also filed today.

If you have questions, please don't hesitate to contact me at 859-288-0242 or jmcoop@nisource.com. Thank you for your attention to this matter.

Sincerely,


Judy M. Cooper
Director, Regulatory Policy

FEBRUARY 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation
Flow Period: Feb-16

<u>Ln.</u>	<u>PBR Component Description</u>	Feb-16 ESTIMATE	Feb-16 ACTUAL	
1	CPS = (TPBR) x ASP	\$15,220.94	\$14,911.64	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$353,229.89</u>	<u>\$353,733.92</u>	50% of remainder
3	Total Company Performance Share	\$368,450.84	\$368,645.56	
4	TCI (includes Marketed CapR)	\$671,682.52	\$671,682.52	
5	GCI	(\$11,072.86)	(\$11,094.29)	
6	OSSI			
	Sales	\$58,180.18	\$58,178.67	
	Exch	\$38,406.43 (1)	\$38,406.43	
7	TPBR = (TCI+GCI+OSSI)	\$757,196.27	\$757,173.33	
8	AGC (**Total Gas Cost)	\$2,536,824.06	\$2,485,274.59	
	Sys Supply Purch	\$432,280.85	\$432,689.90	
	Chesapeake	\$156,708.75 (est)	\$130,336.25 (act)	
	Misc Adjustment	\$0.00	\$0.00	
	Transportation	\$1,947,834.46	\$1,922,248.44	
9	2% of AGC	\$50,736.48	\$49,705.49	
10	PAC = (TPBR) / AGC	29.85%	30.47%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Feb-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Estimate</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72	\$309,523.72
		TCO	80160	SST	190,880	\$6.2500	Demand Vol @ Max Rate	\$1,193,000.00	\$1,193,000.00
		TCO	81540	SST	30,000	\$6.2500	Demand Vol @ Max Rate	<u>\$187,500.00</u>	<u>\$187,500.00</u>
								\$1,690,023.72	\$1,690,023.72
						<u>Disc Rate</u>			
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.64	\$93,964.64
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.2500		<u>(\$6.25)</u>	<u>(\$6.25)</u>
								\$1,018,341.19	\$1,018,341.19
							Total TCI	\$671,682.52	\$671,682.52

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Feb-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			Benchmark Rate by P/L		
							TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
2/1/16	\$2.0500	\$2.1300	\$2.1600	\$2.1550	\$2.2100	\$2.2400	\$2.0500	\$2.0900	\$2.1500	\$2.0850	\$2.1433	\$2.1833
2/2/16	\$2.0500	\$2.1300	\$2.1600	\$2.0350	\$2.0800	\$2.1000	\$1.9700	\$2.0300	\$2.0400	\$2.0183	\$2.0800	\$2.1000
2/3/16	\$2.0500	\$2.1300	\$2.1600	\$1.9250	\$1.9550	\$1.9850	\$1.9700	\$2.0300	\$2.0400	\$1.9817	\$2.0383	\$2.0617
2/4/16	\$2.0500	\$2.1300	\$2.1600	\$1.9450	\$1.9900	\$2.0250	\$1.9700	\$2.0300	\$2.0400	\$1.9883	\$2.0500	\$2.0750
2/5/16	\$2.0500	\$2.1300	\$2.1600	\$1.9500	\$1.9800	\$2.0050	\$1.9700	\$2.0300	\$2.0400	\$1.9900	\$2.0467	\$2.0683
2/6/16	\$2.0500	\$2.1300	\$2.1600	\$1.9800	\$2.0250	\$2.0450	\$1.9700	\$2.0300	\$2.0400	\$2.0000	\$2.0617	\$2.0817
2/7/16	\$2.0500	\$2.1300	\$2.1600	\$1.9800	\$2.0250	\$2.0450	\$1.9700	\$2.0300	\$2.0400	\$2.0000	\$2.0617	\$2.0817
2/8/16	\$2.0500	\$2.1300	\$2.1600	\$1.9800	\$2.0250	\$2.0450	\$1.9700	\$2.0300	\$2.0400	\$2.0000	\$2.0617	\$2.0817
2/9/16	\$2.0500	\$2.1300	\$2.1600	\$2.1150	\$2.1700	\$2.1800	\$1.9800	\$1.9900	\$1.9900	\$2.0483	\$2.0967	\$2.1100
2/10/16	\$2.0500	\$2.1300	\$2.1600	\$2.0800	\$2.1250	\$2.1450	\$1.9800	\$1.9900	\$1.9900	\$2.0367	\$2.0817	\$2.0983
2/11/16	\$2.0500	\$2.1300	\$2.1600	\$2.0250	\$2.0750	\$2.0900	\$1.9800	\$1.9900	\$1.9900	\$2.0183	\$2.0650	\$2.0800
2/12/16	\$2.0500	\$2.1300	\$2.1600	\$2.0300	\$2.0500	\$2.0600	\$1.9800	\$1.9900	\$1.9900	\$2.0200	\$2.0567	\$2.0700
2/13/16	\$2.0500	\$2.1300	\$2.1600	\$1.9400	\$1.9700	\$1.9800	\$1.9800	\$1.9900	\$1.9900	\$1.9900	\$2.0300	\$2.0433
2/14/16	\$2.0500	\$2.1300	\$2.1600	\$1.9400	\$1.9700	\$1.9800	\$1.9800	\$1.9900	\$1.9900	\$1.9900	\$2.0300	\$2.0433
2/15/16	\$2.0500	\$2.1300	\$2.1600	\$1.9400	\$1.9700	\$1.9800	\$1.9800	\$1.9900	\$1.9900	\$1.9900	\$2.0300	\$2.0433
2/16/16	\$2.0500	\$2.1300	\$2.1600	\$1.9400	\$1.9700	\$1.9800	\$1.8100	\$1.8100	\$1.8100	\$1.9333	\$1.9700	\$1.9833
2/17/16	\$2.0500	\$2.1300	\$2.1600	\$1.8050	\$1.8250	\$1.8450	\$1.8100	\$1.8100	\$1.8100	\$1.8883	\$1.9217	\$1.9383
2/18/16	\$2.0500	\$2.1300	\$2.1600	\$1.7950	\$1.8200	\$1.8550	\$1.8100	\$1.8100	\$1.8100	\$1.8850	\$1.8200	\$1.9417
2/19/16	\$2.0500	\$2.1300	\$2.1600	\$1.7600	\$1.8000	\$1.8300	\$1.8100	\$1.8100	\$1.8100	\$1.8733	\$1.9133	\$1.9333
2/20/16	\$2.0500	\$2.1300	\$2.1600	\$1.7150	\$1.7300	\$1.7550	\$1.8100	\$1.8100	\$1.8100	\$1.8583	\$1.8900	\$1.9083
2/21/16	\$2.0500	\$2.1300	\$2.1600	\$1.7150	\$1.7300	\$1.7550	\$1.8100	\$1.8100	\$1.8100	\$1.8583	\$1.8900	\$1.9083
2/22/16	\$2.0500	\$2.1300	\$2.1600	\$1.7150	\$1.7300	\$1.7550	\$1.8100	\$1.8100	\$1.8100	\$1.8583	\$1.8900	\$1.9083
2/23/16	\$2.0500	\$2.1300	\$2.1600	\$1.7200	\$1.7500	\$1.7700	\$1.6100	\$1.6600	\$1.6600	\$1.7933	\$1.8467	\$1.8633
2/24/16	\$2.0500	\$2.1300	\$2.1600	\$1.6950	\$1.7350	\$1.7450	\$1.6100	\$1.6600	\$1.6600	\$1.7850	\$1.8417	\$1.8550
2/25/16	\$2.0500	\$2.1300	\$2.1600	\$1.6850	\$1.7150	\$1.7550	\$1.6100	\$1.6600	\$1.6600	\$1.7817	\$1.8350	\$1.8583
2/26/16	\$2.0500	\$2.1300	\$2.1600	\$1.6550	\$1.7000	\$1.7350	\$1.6100	\$1.6600	\$1.6600	\$1.7717	\$1.8300	\$1.8517
2/27/16	\$2.0500	\$2.1300	\$2.1600	\$1.5450	\$1.5900	\$1.6400	\$1.6100	\$1.6600	\$1.6600	\$1.7350	\$1.7933	\$1.8200
2/28/16	\$2.0500	\$2.1300	\$2.1600	\$1.5450	\$1.5900	\$1.6400	\$1.6100	\$1.6600	\$1.6600	\$1.7350	\$1.7933	\$1.8200
2/29/16	\$2.0500	\$2.1300	\$2.1600	\$1.5450	\$1.5900	\$1.6400	\$1.6100	\$1.6600	\$1.6600	\$1.7350	\$1.7933	\$1.8200
Avg Rate	\$2.0500	\$2.1300	\$2.1600	\$1.8571	\$1.8929	\$1.9174	\$1.8497	\$1.8800	\$1.8845	\$1.9189	\$1.9676	\$1.9873

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	219,504	\$432,280.85	\$421,207.99	(\$11,072.86)	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					(\$11,072.86)	

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	219,706	\$432,689.90	\$421,595.61	(\$11,094.29)	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					(\$11,094.29)	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Feb-16 Estimate

							INVOICED SALES AMOUNTS			MARGIN
							Sales Amounts			
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0239057	2/1/16	2/1/16	TCO	WV	101,500	\$2.0450	\$207,567.50	\$9,642.50
	S	S0239372	2/1/16	2/1/16	TCO	WV	174,000	\$2.0450	\$355,830.00	\$25,230.00
	S	S0239508	2/1/16	2/1/16	TCO	WV	5,000	\$1.9350	\$9,675.00	\$75.00
	S	S0239509	2/1/16	2/1/16	TCO	WV	1,700	\$1.9350	\$3,289.50	\$25.50
	S	S0239511	2/1/16	2/1/16	TCO	WV	4,000	\$1.9250	\$7,700.00	\$20.00
	S	S0239519	2/1/16	2/1/16	TCO	WV	4,000	\$1.9650	\$7,860.00	\$175.48
	S	S0239520	2/1/16	2/1/16	TCO	WV	4,100	\$1.9650	\$8,056.50	\$164.00
	S	S0239521	2/1/16	2/1/16	TCO	WV	5,000	\$1.9600	\$9,800.00	\$200.00
	S	S0239537	2/1/16	2/1/16	TCO	WV	10,000	\$1.9350	\$19,350.00	\$150.00
	S	S0239538	2/1/16	2/1/16	TCO	WV	10,000	\$1.9325	\$19,325.00	\$125.00
	S	S0239564	2/1/16	2/1/16	TCO	WV	1,200	\$1.9575	\$2,349.00	\$45.00
	S	S0239573	2/1/16	2/1/16	TCO	WV	2,200	\$2.0175	\$4,438.50	\$60.50
	S	S0239576	2/1/16	2/1/16	TCO	WV	76,500	\$1.9950	\$152,617.50	\$762.71
	S	S0239578	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$337.50
	S	S0239580	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$362.50
	S	S0239581	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$400.00
	S	S0239582	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$362.50
	S	S0239656	2/1/16	2/1/16	TCO	WV	4,798	\$2.0325	\$9,751.94	\$37.50
	S	S0239662	2/1/16	2/1/16	TCO	WV	3,000	\$2.0500	\$6,150.00	\$75.00
	S	S0239663	2/1/16	2/1/16	TCO	WV	700	\$2.1000	\$1,470.00	\$12.25
	S	S0239664	2/1/16	2/1/16	TCO	WV	3,500	\$2.1000	\$7,350.00	\$61.25
	S	S0239685	2/1/16	2/1/16	TCO	WV	23,700	\$1.8200	\$43,134.00	\$574.01
	S	S0239693	2/1/16	2/1/16	TCO	WV	46,400	\$1.8300	\$84,912.00	\$1,674.11
	S	S0239694	2/1/16	2/1/16	TCO	WV	20,000	\$1.9500	\$39,000.00	\$100.00
	S	S0239772	2/1/16	2/1/16	TCO	WV	93,000	\$1.6000	\$148,800.00	\$4,011.09
	S	S0239775	2/1/16	2/1/16	TCO	WV	217,000	\$1.7250	\$374,325.00	\$4,858.63
	S	S0239779	2/1/16	2/1/16	TCO	WV	77,500	\$1.7600	\$136,400.00	\$8,638.15
							908,798		\$1,701,151.44	\$58,180.18

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Feb-16 Actual

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0239693	2/1/16	2/1/16	TCO	WV	46,400	\$1.8300	\$84,912.00	\$1,674.11
	S	S0239694	2/1/16	2/1/16	TCO	WV	20,000	\$1.9500	\$39,000.00	\$100.00
	S	S0239772	2/1/16	2/1/16	TCO	WV	93,000	\$1.6000	\$148,800.00	\$4,011.09
	S	S0239775	2/1/16	2/1/16	TCO	WV	217,000	\$1.7250	\$374,325.00	\$4,858.63
	S	S0239779	2/1/16	2/1/16	TCO	WV	77,500	\$1.7600	\$136,400.00	\$8,638.15
	S	S0239573	2/1/16	2/1/16	TCO	WV	2,200	\$2.0175	\$4,438.50	\$60.50
	S	S0239576	2/1/16	2/1/16	TCO	WV	76,500	\$1.9950	\$152,617.50	\$762.71
	S	S0239578	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$337.50
	S	S0239580	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$362.50
	S	S0239581	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$400.00
	S	S0239582	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$362.50
	S	S0239656	2/1/16	2/1/16	TCO	WV	4,798	\$2.0325	\$9,751.94	\$35.99
	S	S0239662	2/1/16	2/1/16	TCO	WV	3,000	\$2.0500	\$6,150.00	\$75.00
	S	S0239663	2/1/16	2/1/16	TCO	WV	700	\$2.1000	\$1,470.00	\$12.25
	S	S0239664	2/1/16	2/1/16	TCO	WV	3,500	\$2.1000	\$7,350.00	\$61.25
	S	S0239685	2/1/16	2/1/16	TCO	WV	23,700	\$1.8200	\$43,134.00	\$574.01
	S	S0239057	2/1/16	2/1/16	TCO	WV	101,500	\$2.0450	\$207,567.50	\$9,642.50
	S	S0239372	2/1/16	2/1/16	TCO	WV	174,000	\$2.0450	\$355,830.00	\$25,230.00
	S	S0239508	2/1/16	2/1/16	TCO	WV	5,000	\$1.9350	\$9,675.00	\$75.00
	S	S0239509	2/1/16	2/1/16	TCO	WV	1,700	\$1.9350	\$3,289.50	\$25.50
	S	S0239511	2/1/16	2/1/16	TCO	WV	4,000	\$1.9250	\$7,700.00	\$20.00
	S	S0239519	2/1/16	2/1/16	TCO	WV	4,000	\$1.9650	\$7,860.00	\$175.48
	S	S0239520	2/1/16	2/1/16	TCO	WV	4,100	\$1.9650	\$8,056.50	\$164.00
	S	S0239521	2/1/16	2/1/16	TCO	WV	5,000	\$1.9600	\$9,800.00	\$200.00
	S	S0239537	2/1/16	2/1/16	TCO	WV	10,000	\$1.9350	\$19,350.00	\$150.00
	S	S0239538	2/1/16	2/1/16	TCO	WV	10,000	\$1.9325	\$19,325.00	\$125.00

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Feb-16 Actual

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
I	S	S0239564	2/1/16	2/1/16	TCO	WV	1,200	\$1.9575	\$2,349.00	\$45.00
		27					908,798		\$1,701,151.44	\$58,178.67

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Feb-16 Estimate

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration			
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN	
E	E	OPP	S0234976	5/1/15	2/1/16	2/1/16	10	10	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00	
E	E	OPP	S0235067	8/1/15	2/1/16	2/1/16	7	7	TCO	WV	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43	
E	E	OPP	S0239484	1/1/16	2/1/16	2/1/16	2	2	TCO	WV	145,000	\$0.0500	\$7,250.00	\$0.00	\$3,625.00	\$3,625.00	
E	E	OPP	S0238423	11/1/15	3/1/16	3/1/16	5	4	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00	
E	E	OPP	S0239462	1/1/16	7/1/16	7/1/16	7	2	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14	
E	E	OPP	S0239771	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86	
E	E	OPP	S0239776	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00	
E	E	OPP	S0239782	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00	
				8								1,215,500		\$233,935.00		\$38,406.43	\$38,406.43

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Feb-16 Actual

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0234976	5/1/15	2/1/16	2/1/16	10	10	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
E	E	OPP	S0235067	8/1/15	2/1/16	2/1/16	7	7	TCO	WV	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
E	E	OPP	S0239484	1/1/16	2/1/16	2/1/16	2	2	TCO	WV	145,000	\$0.0500	\$7,250.00	\$0.00	\$3,625.00	\$3,625.00
E	E	OPP	S0238423	11/1/15	3/1/16	3/1/16	5	4	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00
E	E	OPP	S0239462	1/1/16	7/1/16	7/1/16	7	2	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0239771	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16	8/1/16	8/1/16	7	1	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
8											1,215,500		\$233,935.00		\$38,406.43	\$38,406.43

MARCH 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation
Flow Period: Mar-16

<u>Ln.</u>	<u>PBR Component Description</u>	Mar-16 ESTIMATE	Mar-16 ACTUAL	
1	CPS = (TPBR) x ASP	\$13,651.06	\$13,385.13	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$338,959.68</u>	<u>\$339,377.91</u>	50% of remainder
3	Total Company Performance Share	\$352,610.74	\$352,763.04	
4	TCI (includes Marketed CapR)	\$671,676.27	\$671,626.28	
5	GCI	\$319.14	\$319.14	
6	OSSI			
	Sales	\$29,882.49	\$29,882.49	
	Exch	\$21,545.00 (1)	\$21,545.00	
7	TPBR = (TCI+GCI+OSSI)	\$723,422.90	\$723,372.91	
8	AGC (**Total Gas Cost)	\$2,275,176.53	\$2,230,854.95	
	Sys Supply Purch	\$265,980.00	\$265,980.00	
	Chesapeake	\$110,260.80 (est)	\$70,835.04 (act)	
	Misc Adjustment	\$0.00	\$0.00	
	Transportation	\$1,898,935.73	\$1,894,039.91	
9	2% of AGC	\$45,503.53	\$44,617.10	
10	PAC = (TPBR) / AGC	31.80%	32.43%	

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Mar-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Estimate</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72	\$309,523.72
		TCO	80160	SST	190,880	\$6.2500	Demand Vol @ Max Rate	\$1,193,000.00	\$1,193,000.00
		TCO	81540	SST	30,000	\$6.2500	Demand Vol @ Max Rate	<u>\$187,500.00</u>	<u>\$187,500.00</u>
							\$1,690,023.72	\$1,690,023.72	
CKY COST	(TATC)					<u>Disc Rate</u>			
		Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.64	\$93,964.64
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>	<u>\$0.00</u>
							\$1,018,347.44	\$1,018,347.44	
							Total TCI	\$671,676.27	\$671,676.28

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Mar-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated		
	TCO P10	CGT Maln	TGP 500	TCO P10	CGT Maln	TGP 500	Natural Gas Week (NGW)			TCO P10	CGT Maln	TGP 500
							TCO P10	CGT Maln	TGP 500			
							(Rayne)					
3/1/16	\$1.5800	\$1.6300	\$1.6600	\$1.4700	\$1.5200	\$1.5450	\$1.4700	\$1.4700	\$1.5400	\$1.5067	\$1.5400	\$1.5817
3/2/16	\$1.5800	\$1.6300	\$1.6600	\$1.4850	\$1.5250	\$1.5500	\$1.4700	\$1.4700	\$1.5400	\$1.5117	\$1.5417	\$1.5833
3/3/16	\$1.5800	\$1.6300	\$1.6600	\$1.5050	\$1.5400	\$1.5500	\$1.4700	\$1.4700	\$1.5400	\$1.5183	\$1.5467	\$1.5833
3/4/16	\$1.5800	\$1.6300	\$1.6600	\$1.4700	\$1.5150	\$1.5400	\$1.4700	\$1.4700	\$1.5400	\$1.5067	\$1.5383	\$1.5800
3/5/16	\$1.5800	\$1.6300	\$1.6600	\$1.4100	\$1.4350	\$1.4750	\$1.4700	\$1.4700	\$1.5400	\$1.4867	\$1.5117	\$1.5583
3/6/16	\$1.5800	\$1.6300	\$1.6600	\$1.4100	\$1.4350	\$1.4750	\$1.4700	\$1.4700	\$1.5400	\$1.4867	\$1.5117	\$1.5583
3/7/16	\$1.5800	\$1.6300	\$1.6600	\$1.4100	\$1.4350	\$1.4750	\$1.4700	\$1.4700	\$1.5400	\$1.4867	\$1.5117	\$1.5583
3/8/16	\$1.5800	\$1.6300	\$1.6600	\$1.3950	\$1.4550	\$1.5000	\$1.5800	\$1.5600	\$1.5700	\$1.5183	\$1.5483	\$1.5767
3/9/16	\$1.5800	\$1.6300	\$1.6600	\$1.4050	\$1.4800	\$1.5200	\$1.5800	\$1.5600	\$1.5700	\$1.5217	\$1.5567	\$1.5833
3/10/16	\$1.5800	\$1.6300	\$1.6600	\$1.4550	\$1.5150	\$1.5500	\$1.5800	\$1.5600	\$1.5700	\$1.5383	\$1.5683	\$1.5933
3/11/16	\$1.5800	\$1.6300	\$1.6600	\$1.5550	\$1.6100	\$1.6500	\$1.5800	\$1.5600	\$1.5700	\$1.5717	\$1.6000	\$1.6267
3/12/16	\$1.5800	\$1.6300	\$1.6600	\$1.6200	\$1.6550	\$1.6700	\$1.5800	\$1.5600	\$1.5700	\$1.5933	\$1.6150	\$1.6333
3/13/16	\$1.5800	\$1.6300	\$1.6600	\$1.6200	\$1.6550	\$1.6700	\$1.5800	\$1.5600	\$1.5700	\$1.5933	\$1.6150	\$1.6333
3/14/16	\$1.5800	\$1.6300	\$1.6600	\$1.6200	\$1.6550	\$1.6700	\$1.5800	\$1.5600	\$1.5700	\$1.5933	\$1.6150	\$1.6333
3/15/16	\$1.5800	\$1.6300	\$1.6600	\$1.5600	\$1.6250	\$1.6450	\$1.7000	\$1.7600	\$1.7100	\$1.6133	\$1.6717	\$1.6717
3/16/16	\$1.5800	\$1.6300	\$1.6600	\$1.6500	\$1.7250	\$1.7450	\$1.7000	\$1.7600	\$1.7100	\$1.6433	\$1.7050	\$1.7050
3/17/16	\$1.5800	\$1.6300	\$1.6600	\$1.6200	\$1.6800	\$1.7100	\$1.7000	\$1.7600	\$1.7100	\$1.6333	\$1.6900	\$1.6933
3/18/16	\$1.5800	\$1.6300	\$1.6600	\$1.6950	\$1.7700	\$1.7700	\$1.7000	\$1.7600	\$1.7100	\$1.6583	\$1.7200	\$1.7133
3/19/16	\$1.5800	\$1.6300	\$1.6600	\$1.7200	\$1.7950	\$1.8300	\$1.7000	\$1.7600	\$1.7100	\$1.6667	\$1.7283	\$1.7333
3/20/16	\$1.5800	\$1.6300	\$1.6600	\$1.7200	\$1.7950	\$1.8300	\$1.7000	\$1.7600	\$1.7100	\$1.6667	\$1.7283	\$1.7333
3/21/16	\$1.5800	\$1.6300	\$1.6600	\$1.7200	\$1.7950	\$1.8300	\$1.7000	\$1.7600	\$1.7100	\$1.6667	\$1.7283	\$1.7333
3/22/16	\$1.5800	\$1.6300	\$1.6600	\$1.6500	\$1.7200	\$1.7550	\$1.6100	\$1.6700	\$1.7500	\$1.6133	\$1.6733	\$1.7217
3/23/16	\$1.5800	\$1.6300	\$1.6600	\$1.6400	\$1.7050	\$1.7250	\$1.6100	\$1.6700	\$1.7500	\$1.6100	\$1.6683	\$1.7117
3/24/16	\$1.5800	\$1.6300	\$1.6600	\$1.6950	\$1.7550	\$1.7850	\$1.6100	\$1.6700	\$1.7500	\$1.6283	\$1.6850	\$1.7317
3/25/16	\$1.5800	\$1.6300	\$1.6600	\$1.6050	\$1.6600	\$1.6800	\$1.6100	\$1.6700	\$1.7500	\$1.5983	\$1.6533	\$1.6967
3/26/16	\$1.5800	\$1.6300	\$1.6600	\$1.6050	\$1.6600	\$1.6800	\$1.6100	\$1.6700	\$1.7500	\$1.5983	\$1.6533	\$1.6967
3/27/16	\$1.5800	\$1.6300	\$1.6600	\$1.6050	\$1.6600	\$1.6800	\$1.6100	\$1.6700	\$1.7500	\$1.5983	\$1.6533	\$1.6967
3/28/16	\$1.5800	\$1.6300	\$1.6600	\$1.6050	\$1.6600	\$1.6800	\$1.6100	\$1.6700	\$1.7500	\$1.5983	\$1.6533	\$1.6967
3/29/16	\$1.5800	\$1.6300	\$1.6600	\$1.6450	\$1.6750	\$1.7350	\$1.8000	\$1.8000	\$1.8100	\$1.6750	\$1.7017	\$1.7350
3/30/16	\$1.5800	\$1.6300	\$1.6600	\$1.6600	\$1.7200	\$1.7550	\$1.8000	\$1.8000	\$1.8100	\$1.6800	\$1.7167	\$1.7417
3/31/16	\$1.5800	\$1.6300	\$1.6600	\$1.7050	\$1.7800	\$1.8300	\$1.8000	\$1.8000	\$1.8100	\$1.6950	\$1.7367	\$1.7667
Avg Rate	\$1.5800	\$1.6300	\$1.6600	\$1.5784	\$1.6326	\$1.6615	\$1.6103	\$1.6329	\$1.6587	\$1.5996	\$1.6318	\$1.6601

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	2,000	\$2,860.00	\$3,179.14	\$319.14	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$319.14	

NOTE: Flowing supply sales total of 184,000 Dth with costs of \$263,120.00 have been deducted from the Purchase Volumes and Costs shown above.

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	2,000	\$2,860.00	\$3,179.14	\$319.14	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$319.14	

NOTE: Flowing supply sales total of 184,000 Dth with costs of \$263,120.00 have been deducted from the Purchase Volumes and Costs shown above.

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Mar-16 Estimate

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0240111	3/1/16	3/1/16	TCO	WV	20,000	\$1.7100	\$34,200.00	\$2,142.00
	S	S0240110	3/1/16	3/1/16	TCO	WV	3,200	\$1.7100	\$5,472.00	\$325.98
	S	S0240043	3/1/16	3/1/16	TCO	WV	7,000	\$1.6900	\$11,830.00	\$341.53
	S	S0239967	3/1/16	3/1/16	TCO	WV	10,000	\$1.6950	\$16,950.00	\$912.50
	S	S0240120	3/1/16	3/1/16	TCO	WV	20,400	\$1.7250	\$35,190.00	\$269.08
	S	S0239808	3/1/16	3/1/16	TCO	WV	1,400	\$1.5650	\$2,191.00	\$168.00
	S	S0240121	3/1/16	3/1/16	TCO	WV	10,000	\$1.6700	\$16,700.00	\$1,665.00
	S	S0239843	3/1/16	3/1/16	TCO	WV	10,000	\$1.4625	\$14,625.00	\$175.00
	S	S0239844	3/1/16	3/1/16	TCO	WV	10,000	\$1.4625	\$14,625.00	\$175.00
	S	S0240089	3/1/16	3/1/16	TCO	WV	10,000	\$1.7000	\$17,000.00	\$900.00
	S	S0239791	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$128.00
	S	S0240086	3/1/16	3/1/16	TCO	WV	50,000	\$1.6400	\$82,000.00	\$1,500.00
	S	S0239806	3/1/16	3/1/16	TCO	WV	30,000	\$1.5500	\$46,500.00	\$2,481.90
	S	S0240090	3/1/16	3/1/16	TCO	WV	10,000	\$1.7050	\$17,050.00	\$950.00
	S	S0240036	3/1/16	3/1/16	TCO	WV	5,000	\$1.6850	\$8,425.00	\$175.00
	S	S0240042	3/1/16	3/1/16	TCO	WV	8,300	\$1.6900	\$14,027.00	\$332.00
	S	S0239935	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239966	3/1/16	3/1/16	TCO	WV	10,000	\$1.6975	\$16,975.00	\$825.00
	S	S0239787	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$200.00
	S	S0239793	3/1/16	3/1/16	TCO	WV	2,300	\$1.4950	\$3,438.50	\$92.00
	S	S0239810	3/1/16	3/1/16	TCO	WV	300	\$1.5675	\$470.25	\$36.75
	S	S0239936	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239937	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239938	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239883	3/1/16	3/1/16	TCO	WV	110,000	\$1.4700	\$161,700.00	\$1,100.00
	S	S0239058	3/1/16	3/1/16	TCO	WV	108,500	\$1.5750	\$170,887.50	\$10,307.50
	S	S0240073	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$12.50
	S	S0240074	3/1/16	3/1/16	TCO	WV	10,000	\$1.6175	\$16,175.00	\$25.00
	S	S0240072	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$12.50
	S	S0239968	3/1/16	3/1/16	TCO	WV	3,200	\$1.6925	\$5,416.00	\$392.00
	S	S0239969	3/1/16	3/1/16	TCO	WV	3,000	\$1.6900	\$5,070.00	\$360.00
	S	S0239970	3/1/16	3/1/16	TCO	WV	1,300	\$1.6850	\$2,190.50	\$149.50
	S	S0239786	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
	S	S0239788	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
	S	S0239789	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
	S	S0239790	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
	S	S0239792	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
	S	S0240080	3/1/16	3/1/16	TCO	WV	500	\$1.6375	\$818.75	\$12.50
	S	S0240083	3/1/16	3/1/16	TCO	WV	5,100	\$1.6400	\$8,364.00	\$140.25
	S	S0240085	3/1/16	3/1/16	TCO	WV	400	\$1.6400	\$656.00	\$11.00
	S	S0240068	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
	S	S0240069	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
	S	S0240070	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
	S	S0240071	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
	S	S0239874	3/1/16	3/1/16	TCO	WV	184,000	\$1.4400	\$264,960.00	\$1,840.00
							45			
							728,900		\$1,128,056.50	\$29,882.49

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Mar-16 Actual

							INVOICED SALES AMOUNTS			MARGIN
							Sales Amounts			
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0240111	3/1/16	3/1/16	TCO	WV	20,000	\$1.7100	\$34,200.00	\$2,142.00
	S	S0240110	3/1/16	3/1/16	TCO	WV	3,200	\$1.7100	\$5,472.00	\$325.98
	S	S0240043	3/1/16	3/1/16	TCO	WV	7,000	\$1.6900	\$11,830.00	\$341.53
	S	S0239967	3/1/16	3/1/16	TCO	WV	10,000	\$1.6950	\$16,950.00	\$912.50
	S	S0240120	3/1/16	3/1/16	TCO	WV	20,400	\$1.7250	\$35,190.00	\$269.08
	S	S0239808	3/1/16	3/1/16	TCO	WV	1,400	\$1.5650	\$2,191.00	\$168.00
	S	S0240121	3/1/16	3/1/16	TCO	WV	10,000	\$1.6700	\$16,700.00	\$1,665.00
	S	S0239843	3/1/16	3/1/16	TCO	WV	10,000	\$1.4625	\$14,625.00	\$175.00
	S	S0239844	3/1/16	3/1/16	TCO	WV	10,000	\$1.4625	\$14,625.00	\$175.00
	S	S0240089	3/1/16	3/1/16	TCO	WV	10,000	\$1.7000	\$17,000.00	\$900.00
	S	S0239791	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$128.00
	S	S0240086	3/1/16	3/1/16	TCO	WV	50,000	\$1.6400	\$82,000.00	\$1,500.00
	S	S0239806	3/1/16	3/1/16	TCO	WV	30,000	\$1.5500	\$46,500.00	\$2,481.90
	S	S0240090	3/1/16	3/1/16	TCO	WV	10,000	\$1.7050	\$17,050.00	\$950.00
	S	S0240036	3/1/16	3/1/16	TCO	WV	5,000	\$1.6850	\$8,425.00	\$175.00
	S	S0240042	3/1/16	3/1/16	TCO	WV	8,300	\$1.6900	\$14,027.00	\$332.00
	S	S0239935	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239966	3/1/16	3/1/16	TCO	WV	10,000	\$1.6975	\$16,975.00	\$825.00
	S	S0239787	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$200.00
	S	S0239793	3/1/16	3/1/16	TCO	WV	2,300	\$1.4950	\$3,438.50	\$92.00
	S	S0239810	3/1/16	3/1/16	TCO	WV	300	\$1.5675	\$470.25	\$36.75
	S	S0239936	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239937	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239938	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00	\$250.00
	S	S0239883	3/1/16	3/1/16	TCO	WV	110,000	\$1.4700	\$161,700.00	\$1,100.00
	S	S0239058	3/1/16	3/1/16	TCO	WV	108,500	\$1.5750	\$170,887.50	\$10,307.50
	S	S0240073	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$12.50
	S	S0240074	3/1/16	3/1/16	TCO	WV	10,000	\$1.6175	\$16,175.00	\$25.00
	S	S0240072	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$12.50
	S	S0239968	3/1/16	3/1/16	TCO	WV	3,200	\$1.6925	\$5,416.00	\$392.00
	S	S0239969	3/1/16	3/1/16	TCO	WV	3,000	\$1.6900	\$5,070.00	\$360.00

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Mar-16 Actual

							INVOICED SALES AMOUNTS			MARGIN
							Sales Amounts			
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
I	S	S0239970	3/1/16	3/1/16	TCO	WV	1,300	\$1.6850	\$2,190.50	\$149.50
I	S	S0239786	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
I	S	S0239788	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
I	S	S0239789	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
I	S	S0239790	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
I	S	S0239792	3/1/16	3/1/16	TCO	WV	5,000	\$1.4950	\$7,475.00	\$125.00
I	S	S0240080	3/1/16	3/1/16	TCO	WV	500	\$1.6375	\$818.75	\$12.50
I	S	S0240083	3/1/16	3/1/16	TCO	WV	5,100	\$1.6400	\$8,364.00	\$140.25
I	S	S0240085	3/1/16	3/1/16	TCO	WV	400	\$1.6400	\$656.00	\$11.00
I	S	S0240068	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
I	S	S0240069	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
I	S	S0240070	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
I	S	S0240071	3/1/16	3/1/16	TCO	WV	5,000	\$1.6175	\$8,087.50	\$25.00
I	S	S0239874	3/1/16	3/1/16	TCO	WV	184,000	\$1.4400	\$264,960.00	\$1,840.00
		45					728,900		\$1,128,056.50	\$29,882.49

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Mar-16 Estimate

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts		Current Month Proration			
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN
E	E	OPP	S0238423	11/1/15	3/1/16	3/1/16	5	5	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00
E	E	OPP	S0239462	1/1/16	7/1/16	7/1/16	7	3	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0239776	2/1/16	8/1/16	8/1/16	7	2	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16	8/1/16	8/1/16	7	2	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0239771	2/1/16	8/1/16	8/1/16	7	2	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
			5									635,500	\$126,635.00	\$21,545.00	\$21,545.00	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Mar-16 Actual

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED		OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0238423	11/1/15	3/1/16	3/1/16	5	5	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00
E	E	OPP	S0239462	1/1/16		7/1/16	7	3	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0239776	2/1/16		8/1/16	7	2	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16		8/1/16	7	2	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0239771	2/1/16		8/1/16	7	2	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
			5								635,500		\$126,635.00		\$21,545.00	\$21,545.00

APRIL 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Apr-16

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Apr-16</u>	
1	CPS = (TPBR) x ASP	\$13,725.21	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$295,749.40</u>	50% of remainder
3	Total Company Performance Share	\$309,474.61	
4	TCI (includes Marketed CapR)	\$441,967.31	
5	GCI	\$100,060.54	
6	OSSI	Sales \$46,702.32	
		Exch \$48,519.33 (1)	
7	TPBR = (TCI+GCI+OSSI)	\$637,249.50	
8	AGC (**Total Gas Cost)	\$2,287,534.98	
	Sys Supply Purch	\$792,582.65	
	Chesapeake	\$47,817.96	
	Misc Adjustment	\$0.00	
	Transportation	\$1,447,134.37	
9	2% of AGC	\$45,750.70	
10	PAC = (TPBR) / AGC	27.86%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Apr-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.2350	Demand Vol @ Max Rate	\$595,068.40
		TCO	81540	SST	15,000	\$6.2350	Demand Vol @ Max Rate	<u>\$93,525.00</u>
								\$998,117.12
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.2350		<u>(\$6.24)</u>
								\$556,149.81
							Total TCI	\$441,967.31

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Apr-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
4/1/16	\$1.7900	\$1.8300	\$1.8400	\$1.8400	\$1.8600	\$1.8500	\$1.8000	\$1.8000	\$1.8100	\$1.8100	\$1.8300	\$1.8333
4/2/16	\$1.7900	\$1.8300	\$1.8400	\$1.7900	\$1.8000	\$1.8100	\$1.8000	\$1.8000	\$1.8100	\$1.7933	\$1.8100	\$1.8200
4/3/16	\$1.7900	\$1.8300	\$1.8400	\$1.7900	\$1.8000	\$1.8100	\$1.8000	\$1.8000	\$1.8100	\$1.7933	\$1.8100	\$1.8200
4/4/16	\$1.7900	\$1.8300	\$1.8400	\$1.7900	\$1.8000	\$1.8100	\$1.8000	\$1.8000	\$1.8100	\$1.7933	\$1.8100	\$1.8200
4/5/16	\$1.7900	\$1.8300	\$1.8400	\$1.8350	\$1.8550	\$1.8550	\$1.8300	\$1.8500	\$1.8400	\$1.8183	\$1.8450	\$1.8450
4/6/16	\$1.7900	\$1.8300	\$1.8400	\$1.8100	\$1.8400	\$1.8200	\$1.8300	\$1.8500	\$1.8400	\$1.8100	\$1.8400	\$1.8333
4/7/16	\$1.7900	\$1.8300	\$1.8400	\$1.7650	\$1.8100	\$1.8150	\$1.8300	\$1.8500	\$1.8400	\$1.7950	\$1.8300	\$1.8317
4/8/16	\$1.7900	\$1.8300	\$1.8400	\$1.8350	\$1.8650	\$1.8700	\$1.8300	\$1.8500	\$1.8400	\$1.8183	\$1.8483	\$1.8500
4/9/16	\$1.7900	\$1.8300	\$1.8400	\$1.8300	\$1.8600	\$1.8650	\$1.8300	\$1.8500	\$1.8400	\$1.8167	\$1.8467	\$1.8483
4/10/16	\$1.7900	\$1.8300	\$1.8400	\$1.8300	\$1.8600	\$1.8650	\$1.8300	\$1.8500	\$1.8400	\$1.8167	\$1.8467	\$1.8483
4/11/16	\$1.7900	\$1.8300	\$1.8400	\$1.8300	\$1.8600	\$1.8650	\$1.8300	\$1.8500	\$1.8400	\$1.8167	\$1.8467	\$1.8483
4/12/16	\$1.7900	\$1.8300	\$1.8400	\$1.7600	\$1.7950	\$1.8050	\$1.6400	\$1.7000	\$1.6500	\$1.7300	\$1.7750	\$1.7650
4/13/16	\$1.7900	\$1.8300	\$1.8400	\$1.8350	\$1.8600	\$1.8550	\$1.6400	\$1.7000	\$1.6500	\$1.7550	\$1.7967	\$1.7817
4/14/16	\$1.7900	\$1.8300	\$1.8400	\$1.8750	\$1.8800	\$1.8550	\$1.6400	\$1.7000	\$1.6500	\$1.7683	\$1.8033	\$1.7817
4/15/16	\$1.7900	\$1.8300	\$1.8400	\$1.7750	\$1.7900	\$1.7750	\$1.6400	\$1.7000	\$1.6500	\$1.7350	\$1.7733	\$1.7550
4/16/16	\$1.7900	\$1.8300	\$1.8400	\$1.5900	\$1.6300	\$1.6200	\$1.6400	\$1.7000	\$1.6500	\$1.6733	\$1.7200	\$1.7033
4/17/16	\$1.7900	\$1.8300	\$1.8400	\$1.5900	\$1.6300	\$1.6200	\$1.6400	\$1.7000	\$1.6500	\$1.6733	\$1.7200	\$1.7033
4/18/16	\$1.7900	\$1.8300	\$1.8400	\$1.5900	\$1.6300	\$1.6200	\$1.6400	\$1.7000	\$1.6500	\$1.6733	\$1.7200	\$1.7033
4/19/16	\$1.7900	\$1.8300	\$1.8400	\$1.6300	\$1.7050	\$1.7250	\$1.8400	\$1.8400	\$1.8800	\$1.7533	\$1.7917	\$1.8150
4/20/16	\$1.7900	\$1.8300	\$1.8400	\$1.8150	\$1.8450	\$1.8700	\$1.8400	\$1.8400	\$1.8800	\$1.8150	\$1.8383	\$1.8633
4/21/16	\$1.7900	\$1.8300	\$1.8400	\$1.8600	\$1.8950	\$1.9050	\$1.8400	\$1.8400	\$1.8800	\$1.8300	\$1.8550	\$1.8750
4/22/16	\$1.7900	\$1.8300	\$1.8400	\$1.8400	\$1.8750	\$1.8950	\$1.8400	\$1.8400	\$1.8800	\$1.8233	\$1.8483	\$1.8717
4/23/16	\$1.7900	\$1.8300	\$1.8400	\$1.8250	\$1.8650	\$1.8900	\$1.8400	\$1.8400	\$1.8800	\$1.8183	\$1.8450	\$1.8700
4/24/16	\$1.7900	\$1.8300	\$1.8400	\$1.8250	\$1.8650	\$1.8900	\$1.8400	\$1.8400	\$1.8800	\$1.8183	\$1.8450	\$1.8700
4/25/16	\$1.7900	\$1.8300	\$1.8400	\$1.8250	\$1.8650	\$1.8900	\$1.8400	\$1.8400	\$1.8800	\$1.8183	\$1.8450	\$1.8700
4/26/16	\$1.7900	\$1.8300	\$1.8400	\$1.8800	\$1.8800	\$1.8950	\$1.8100	\$1.8500	\$1.8400	\$1.8267	\$1.8533	\$1.8583
4/27/16	\$1.7900	\$1.8300	\$1.8400	\$1.8200	\$1.8600	\$1.8650	\$1.8100	\$1.8500	\$1.8400	\$1.8067	\$1.8467	\$1.8483
4/28/16	\$1.7900	\$1.8300	\$1.8400	\$1.8250	\$1.8650	\$1.8750	\$1.8100	\$1.8500	\$1.8400	\$1.8083	\$1.8483	\$1.8517
4/29/16	\$1.7900	\$1.8300	\$1.8400	\$1.8050	\$1.8500	\$1.8500	\$1.8100	\$1.8500	\$1.8400	\$1.8017	\$1.8433	\$1.8433
4/30/16	\$1.7900	\$1.8300	\$1.8400	\$1.8050	\$1.8500	\$1.8500	\$1.8100	\$1.8500	\$1.8400	\$1.8017	\$1.8433	\$1.8433
Avg Rate	\$1.7900	\$1.8300	\$1.8400	\$1.7905	\$1.8215	\$1.8262	\$1.7807	\$1.8060	\$1.8010	\$1.7871	\$1.8192	\$1.8224

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	499,505	\$792,582.65	\$892,643.19	\$100,060.54
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$100,060.54

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Apr-16

INVOICED SALES AMOUNTS
Sales Amounts

MARGIN

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	MARGIN
	S	S0240551	4/1/16	4/1/16	TCO	WV	2,000	\$1.9450	\$3,890.00	\$210.00
	S	S0240552	4/1/16	4/1/16	TCO	WV	5,000	\$1.9450	\$9,725.00	\$525.00
	S	S0240543	4/1/16	4/1/16	TCO	WV	3,500	\$1.8700	\$6,545.00	\$105.00
	S	S0240544	4/1/16	4/1/16	TCO	WV	9,600	\$1.8700	\$17,952.00	\$288.00
	S	S0240499	4/1/16	4/1/16	TCO	WV	10,000	\$1.8200	\$18,200.00	\$260.00
	S	S0240500	4/1/16	4/1/16	TCO	WV	10,000	\$1.8275	\$18,275.00	\$50.00
	S	S0240501	4/1/16	4/1/16	TCO	WV	15,000	\$1.8275	\$27,412.50	\$75.00
	S	S0240502	4/1/16	4/1/16	TCO	WV	5,000	\$1.8300	\$9,150.00	\$37.50
	S	S0240504	4/1/16	4/1/16	TCO	WV	5,900	\$1.8225	\$10,752.75	\$50.74
	S	S0240505	4/1/16	4/1/16	TCO	WV	4,000	\$1.8200	\$7,280.00	\$20.00
	S	S0240506	4/1/16	4/1/16	TCO	WV	5,000	\$1.8150	\$9,075.00	\$175.00
	S	S0240509	4/1/16	4/1/16	TCO	WV	2,000	\$1.8175	\$3,635.00	-\$5.00
	S	S0240512	4/1/16	4/1/16	TCO	WV	10,000	\$1.8100	\$18,100.00	\$145.00
	S	S0240513	4/1/16	4/1/16	TCO	WV	5,000	\$1.7950	\$8,975.00	\$75.00
	S	S0240514	4/1/16	4/1/16	TCO	WV	10,000	\$1.7900	\$17,900.00	\$100.00
	S	S0240458	4/1/16	4/1/16	TCO	WV	10,500	\$1.8650	\$19,582.50	\$451.50
	S	S0240459	4/1/16	4/1/16	TCO	WV	4,500	\$1.8650	\$8,392.50	\$311.36
	S	S0240463	4/1/16	4/1/16	TCO	WV	5,000	\$1.9000	\$9,500.00	\$125.00
	S	S0240464	4/1/16	4/1/16	TCO	WV	5,000	\$1.9000	\$9,500.00	\$125.00
	S	S0240472	4/1/16	4/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$600.00
	S	S0240482	4/1/16	4/1/16	TCO	WV	10,000	\$1.8650	\$18,650.00	\$750.00
	S	S0240483	4/1/16	4/1/16	TCO	WV	8,900	\$1.8650	\$16,598.50	\$322.54
	S	S0240489	4/1/16	4/1/16	TCO	WV	20,000	\$1.7800	\$35,600.00	\$200.00
	S	S0240490	4/1/16	4/1/16	TCO	WV	2,000	\$1.7800	\$3,560.00	\$5.00
	S	S0240492	4/1/16	4/1/16	TCO	WV	3,000	\$1.8400	\$5,520.00	\$37.50
	S	S0240493	4/1/16	4/1/16	TCO	WV	2,800	\$1.8400	\$5,152.00	\$36.99
	S	S0240398	4/1/16	4/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$125.00
	S	S0240399	4/1/16	4/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$125.00
	S	S0240400	4/1/16	4/1/16	TCO	WV	6,400	\$1.8800	\$12,032.00	\$91.26
	S	S0240401	4/1/16	4/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$125.00
	S	S0240402	4/1/16	4/1/16	TCO	WV	2,000	\$1.8600	\$3,720.00	\$60.00
	S	S0240403	4/1/16	4/1/16	TCO	WV	5,000	\$1.8500	\$9,250.00	\$100.00
	S	S0240433	4/1/16	4/1/16	TCO	WV	10,000	\$1.9200	\$19,200.00	\$1,392.90
	S	S0240454	4/1/16	4/1/16	TCO	WV	3,000	\$1.8650	\$5,595.00	\$105.00
	S	S0240455	4/1/16	4/1/16	TCO	WV	12,000	\$1.8650	\$22,380.00	\$420.00
	S	S0240456	4/1/16	4/1/16	TCO	WV	15,000	\$1.8650	\$27,975.00	\$525.00
	S	S0240457	4/1/16	4/1/16	TCO	WV	15,000	\$1.8650	\$27,975.00	\$525.00

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Apr-16

										INVOICED SALES AMOUNTS		MARGIN
										Sales Amounts		
DATA *	SALES		RECEIPT	DELIVERY		STATE	VOLUMES	SALES	TOTAL			
STATUS	TYPE **	SALES ID	FLOW	FLOW	DELIVERY	OF	INVOICED	RATE	SALE			
			DATE	DATE	POINT	SALE	Dth	\$/Dth	\$			
I	S	S0240261	4/1/16	4/1/16	TCO	WV	5,000	\$1.8800	\$9,400.00		\$250.00	
I	S	S0240272	4/1/16	4/1/16	TCO	WV	700	\$1.7400	\$1,218.00		\$7.00	
I	S	S0240320	4/1/16	4/1/16	TCO	WV	15,000	\$1.6600	\$24,900.00		\$75.00	
I	S	S0240322	4/1/16	4/1/16	TCO	WV	18,300	\$1.5950	\$29,188.50		\$457.50	
I	S	S0240324	4/1/16	4/1/16	TCO	WV	6,000	\$1.6450	\$9,870.00		\$330.00	
I	S	S0240325	4/1/16	4/1/16	TCO	WV	19,500	\$1.6600	\$32,370.00		\$195.00	
I	S	S0240326	4/1/16	4/1/16	TCO	WV	5,000	\$1.7000	\$8,500.00		\$250.00	
I	S	S0240327	4/1/16	4/1/16	TCO	WV	5,000	\$1.7000	\$8,500.00		\$250.00	
I	S	S0240328	4/1/16	4/1/16	TCO	WV	1,000	\$1.7550	\$1,755.00		\$105.00	
I	S	S0240345	4/1/16	4/1/16	TCO	WV	10,000	\$1.7000	\$17,000.00		\$500.00	
I	S	S0240392	4/1/16	4/1/16	TCO	WV	155,000	\$2.0000	\$310,000.00		\$25,503.70	
I	S	S0240227	4/1/16	4/1/16	TCO	WV	5,300	\$1.7600	\$9,328.00		\$39.75	
I	S	S0240230	4/1/16	4/1/16	TCO	WV	1,500	\$1.7550	\$2,632.50		\$3.75	
I	S	S0240231	4/1/16	4/1/16	TCO	WV	1,100	\$1.7550	\$1,930.50		\$2.75	
I	S	S0240232	4/1/16	4/1/16	TCO	WV	1,200	\$1.7550	\$2,106.00		\$3.00	
I	S	S0240238	4/1/16	4/1/16	TCO	WV	5,000	\$1.8500	\$9,250.00		\$57.50	
I	S	S0240252	4/1/16	4/1/16	TCO	WV	30,000	\$1.8775	\$56,325.00		\$1,278.60	
I	S	S0240253	4/1/16	4/1/16	TCO	WV	15,000	\$1.8800	\$28,200.00		\$750.00	
I	S	S0240254	4/1/16	4/1/16	TCO	WV	15,000	\$1.8750	\$28,125.00		\$625.05	
I	S	S0240255	4/1/16	4/1/16	TCO	WV	15,000	\$1.8675	\$28,012.50		\$512.55	
I	S	S0240256	4/1/16	4/1/16	TCO	WV	13,200	\$1.8625	\$24,585.00		\$453.95	
I	S	S0240259	4/1/16	4/1/16	TCO	WV	9,900	\$1.8475	\$18,290.25		\$173.25	
I	S	S0240206	4/1/16	4/1/16	TCO	WV	10,000	\$1.8300	\$18,300.00		\$474.50	
I	S	S0240207	4/1/16	4/1/16	TCO	WV	10,000	\$1.8300	\$18,300.00		\$500.00	
I	S	S0240213	4/1/16	4/1/16	TCO	WV	5,300	\$1.8050	\$9,566.50		\$106.00	
I	S	S0240217	4/1/16	4/1/16	TCO	WV	5,000	\$1.7900	\$8,950.00		\$50.00	
I	S	S0240218	4/1/16	4/1/16	TCO	WV	600	\$1.7800	\$1,068.00		\$6.00	
I	S	S0240219	4/1/16	4/1/16	TCO	WV	10,000	\$1.8050	\$18,050.00		\$250.00	
I	S	S0240220	4/1/16	4/1/16	TCO	WV	5,100	\$1.7675	\$9,014.25		\$38.25	
I	S	S0240221	4/1/16	4/1/16	TCO	WV	3,500	\$1.7750	\$6,212.50		\$52.50	
I	S	S0240222	4/1/16	4/1/16	TCO	WV	1,400	\$1.7750	\$2,485.00		\$21.00	
I	S	S0240224	4/1/16	4/1/16	TCO	WV	5,000	\$1.7600	\$8,800.00		\$37.50	
I	S	S0240225	4/1/16	4/1/16	TCO	WV	5,000	\$1.7600	\$8,800.00		\$37.50	
I	S	S0240226	4/1/16	4/1/16	TCO	WV	5,000	\$1.7600	\$8,800.00		\$37.50	
I	S	S0240184	4/1/16	4/1/16	TCO	WV	500	\$1.8750	\$937.50		\$42.50	
I	S	S0240193	4/1/16	4/1/16	TCO	WV	2,695	\$1.8500	\$4,985.75		\$53.90	
I	S	S0240194	4/1/16	4/1/16	TCO	WV	5,000	\$1.8500	\$9,250.00		\$305.00	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Apr-16

										INVOICED SALES AMOUNTS		MARGIN
										Sales Amounts		
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$			
I	S	S0240195	4/1/16	4/1/16	TCO	WV	7,500	\$1.8500	\$13,875.00	\$450.00		
I	S	S0240198	4/1/16	4/1/16	TCO	WV	10,000	\$1.8000	\$18,000.00	\$150.00		
I	S	S0240199	4/1/16	4/1/16	TCO	WV	5,000	\$1.8000	\$9,000.00	\$75.00		
I	S	S0240200	4/1/16	4/1/16	TCO	WV	10,000	\$1.8000	\$18,000.00	\$150.00		
I	S	S0240201	4/1/16	4/1/16	TCO	WV	10,000	\$1.8000	\$18,000.00	\$150.00		
I	S	S0240202	4/1/16	4/1/16	TCO	WV	5,000	\$1.8000	\$9,000.00	\$75.00		
I	S	S0240203	4/1/16	4/1/16	TCO	WV	8,600	\$1.8000	\$15,480.00	\$129.00		
I	S	S0240205	4/1/16	4/1/16	TCO	WV	10,000	\$1.8300	\$18,300.00	\$150.00		
I	S	S0240155	4/1/16	4/1/16	TCO	WV	4,800	\$1.8175	\$8,724.00	\$84.00		
I	S	S0240156	4/1/16	4/1/16	TCO	WV	10,200	\$1.8175	\$18,538.50	\$178.50		
I	S	S0240157	4/1/16	4/1/16	TCO	WV	15,000	\$1.8175	\$27,262.50	\$37.50		
I	S	S0240158	4/1/16	4/1/16	TCO	WV	2,700	\$1.8175	\$4,907.25	\$60.75		
I	S	S0240159	4/1/16	4/1/16	TCO	WV	12,300	\$1.8175	\$22,355.25	\$76.75		
I	S	S0240166	4/1/16	4/1/16	TCO	WV	15,000	\$1.8000	\$27,000.00	\$37.50		
I	S	S0240170	4/1/16	4/1/16	TCO	WV	15,000	\$1.8125	\$27,187.50	\$225.00		
I	S	S0240174	4/1/16	4/1/16	TCO	WV	7,900	\$1.8450	\$14,575.50	\$710.53		
I	S	S0240175	4/1/16	4/1/16	TCO	WV	7,000	\$1.8450	\$12,915.00	\$595.00		
I	S	S0240182	4/1/16	4/1/16	TCO	WV	5,000	\$1.8500	\$9,250.00	\$300.00		
I	S	S0240183	4/1/16	4/1/16	TCO	WV	9,200	\$1.8500	\$17,020.00	\$552.00		
		93					879,095		\$1,626,646.00	\$46,702.32		

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Apr-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED		DELIVERY POINT	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE
E	E	OPP	S0240393	4/1/16		7/1/16	4	1	TCO WV	155,000	\$0.1550	\$24,025.00	\$0.00	\$6,006.25	\$6,006.25
E	E	OPP	S0239462	1/1/16		7/1/16	7	4	TCO WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0239771	2/1/16		8/1/16	7	3	TCO WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16		8/1/16	7	3	TCO WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16		8/1/16	7	3	TCO WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0239667	4/1/16		12/1/16	9	1	TCO WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239668	4/1/16		1/1/17	10	1	TCO WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239669	4/1/16		2/1/17	11	1	TCO WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0240234	4/1/16		3/1/17	12	1	TCO WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
9										1,240,500		\$439,210.00		\$48,519.33	\$48,519.33

MAY 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: May-16

<u>Ln.</u>	<u>PBR Component Description</u>	<u>May-16</u>	
1	CPS = (TPBR) x ASP	\$19,356.72	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$281,722.68</u>	50% of remainder
3	Total Company Performance Share	\$301,079.41	
4	TCI (includes Marketed CapR)	\$418,210.45	
5	GCI	\$121,397.75	
6	OSSI	Sales \$12,027.47	
		Exch \$76,332.11	(1)
7	TPBR = (TCI+GCI+OSSI)	\$627,967.78	
8	AGC (**Total Gas Cost)	\$3,226,120.73	
	Sys Supply Purch	\$1,764,436.75	
	Chesapeake	\$24,839.05	
	Misc Adjustment	\$0.00	
	Transportation	\$1,436,844.93	
9	2% of AGC	\$64,522.41	
10	PAC = (TPBR) / AGC	19.47%	

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: May-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.0200	Demand Vol @ Max Rate	\$574,548.80
		TCO	81540	SST	15,000	\$6.0200	Demand Vol @ Max Rate	<u>\$90,300.00</u>
								\$974,372.52
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.1900		<u>\$6.02</u>
								\$556,162.07
							Total TCI	\$418,210.45

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: May-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main (Rayne)	TGP 500	TCO P10	CGT Main	TGP 500
5/1/16	\$1.8700	\$1.9100	\$1.9200	\$1.7950	\$1.8200	\$1.8250	\$1.8100	\$1.8500	\$1.8400	\$1.8250	\$1.8600	\$1.8617
5/2/16	\$1.8700	\$1.9100	\$1.9200	\$1.7950	\$1.8200	\$1.8250	\$1.8100	\$1.8500	\$1.8400	\$1.8250	\$1.8600	\$1.8617
5/3/16	\$1.8700	\$1.9100	\$1.9200	\$1.7950	\$1.8200	\$1.8450	\$1.7900	\$1.8100	\$1.8300	\$1.8183	\$1.8467	\$1.8650
5/4/16	\$1.8700	\$1.9100	\$1.9200	\$1.8200	\$1.8550	\$1.8750	\$1.7900	\$1.8100	\$1.8300	\$1.8267	\$1.8583	\$1.8750
5/5/16	\$1.8700	\$1.9100	\$1.9200	\$1.8800	\$1.9400	\$1.9500	\$1.7900	\$1.8100	\$1.8300	\$1.8467	\$1.8867	\$1.9000
5/6/16	\$1.8700	\$1.9100	\$1.9200	\$1.8950	\$1.8750	\$1.8750	\$1.7900	\$1.8100	\$1.8300	\$1.8517	\$1.8650	\$1.8750
5/7/16	\$1.8700	\$1.9100	\$1.9200	\$1.7350	\$1.7500	\$1.7650	\$1.7900	\$1.8100	\$1.8300	\$1.7983	\$1.8233	\$1.8383
5/8/16	\$1.8700	\$1.9100	\$1.9200	\$1.7350	\$1.7500	\$1.7650	\$1.7900	\$1.8100	\$1.8300	\$1.7983	\$1.8233	\$1.8383
5/9/16	\$1.8700	\$1.9100	\$1.9200	\$1.7350	\$1.7500	\$1.7650	\$1.7900	\$1.8100	\$1.8300	\$1.7983	\$1.8233	\$1.8383
5/10/16	\$1.8700	\$1.9100	\$1.9200	\$1.8250	\$1.8800	\$1.8900	\$1.8500	\$1.8800	\$1.8700	\$1.8483	\$1.8900	\$1.8933
5/11/16	\$1.8700	\$1.9100	\$1.9200	\$1.8700	\$1.9350	\$1.9500	\$1.8500	\$1.8800	\$1.8700	\$1.8633	\$1.9083	\$1.9133
5/12/16	\$1.8700	\$1.9100	\$1.9200	\$1.8450	\$1.9150	\$1.9300	\$1.8500	\$1.8800	\$1.8700	\$1.8550	\$1.9017	\$1.9067
5/13/16	\$1.8700	\$1.9100	\$1.9200	\$1.8550	\$1.9200	\$1.9300	\$1.8500	\$1.8800	\$1.8700	\$1.8583	\$1.9033	\$1.9067
5/14/16	\$1.8700	\$1.9100	\$1.9200	\$1.8500	\$1.8750	\$1.8650	\$1.8500	\$1.8800	\$1.8700	\$1.8567	\$1.8883	\$1.8850
5/15/16	\$1.8700	\$1.9100	\$1.9200	\$1.8500	\$1.8750	\$1.8650	\$1.8500	\$1.8800	\$1.8700	\$1.8567	\$1.8883	\$1.8850
5/16/16	\$1.8700	\$1.9100	\$1.9200	\$1.8500	\$1.8750	\$1.8650	\$1.8500	\$1.8800	\$1.8700	\$1.8567	\$1.8883	\$1.8850
5/17/16	\$1.8700	\$1.9100	\$1.9200	\$1.8300	\$1.8350	\$1.8250	\$1.7500	\$1.7500	\$1.8100	\$1.8167	\$1.8317	\$1.8517
5/18/16	\$1.8700	\$1.9100	\$1.9200	\$1.8800	\$1.8800	\$1.8800	\$1.7500	\$1.7500	\$1.8100	\$1.8333	\$1.8467	\$1.8700
5/19/16	\$1.8700	\$1.9100	\$1.9200	\$1.8000	\$1.8100	\$1.8150	\$1.7500	\$1.7500	\$1.8100	\$1.8067	\$1.8233	\$1.8483
5/20/16	\$1.8700	\$1.9100	\$1.9200	\$1.7100	\$1.7050	\$1.7150	\$1.7500	\$1.7500	\$1.8100	\$1.7767	\$1.7883	\$1.8150
5/21/16	\$1.8700	\$1.9100	\$1.9200	\$1.7400	\$1.7400	\$1.7450	\$1.7500	\$1.7500	\$1.8100	\$1.7867	\$1.8000	\$1.8250
5/22/16	\$1.8700	\$1.9100	\$1.9200	\$1.7400	\$1.7400	\$1.7450	\$1.7500	\$1.7500	\$1.8100	\$1.7867	\$1.8000	\$1.8250
5/23/16	\$1.8700	\$1.9100	\$1.9200	\$1.7400	\$1.7400	\$1.7450	\$1.7500	\$1.7500	\$1.8100	\$1.7867	\$1.8000	\$1.8250
5/24/16	\$1.8700	\$1.9100	\$1.9200	\$1.8600	\$1.8900	\$1.9100	\$1.7700	\$1.7900	\$1.8000	\$1.8333	\$1.8633	\$1.8767
5/25/16	\$1.8700	\$1.9100	\$1.9200	\$1.7850	\$1.8150	\$1.8250	\$1.7700	\$1.7900	\$1.8000	\$1.8083	\$1.8383	\$1.8483
5/26/16	\$1.8700	\$1.9100	\$1.9200	\$1.7350	\$1.7050	\$1.7400	\$1.7700	\$1.7900	\$1.8000	\$1.7917	\$1.8017	\$1.8200
5/27/16	\$1.8700	\$1.9100	\$1.9200	\$1.7550	\$1.7200	\$1.7350	\$1.7700	\$1.7900	\$1.8000	\$1.7983	\$1.8067	\$1.8183
5/28/16	\$1.8700	\$1.9100	\$1.9200	\$1.8350	\$1.8250	\$1.8600	\$1.7700	\$1.7900	\$1.8000	\$1.8250	\$1.8417	\$1.8600
5/29/16	\$1.8700	\$1.9100	\$1.9200	\$1.8350	\$1.8250	\$1.8600	\$1.7700	\$1.7900	\$1.8000	\$1.8250	\$1.8417	\$1.8600
5/30/16	\$1.8700	\$1.9100	\$1.9200	\$1.8350	\$1.8250	\$1.8600	\$1.7700	\$1.7900	\$1.8000	\$1.8250	\$1.8417	\$1.8600
5/31/16	\$1.8700	\$1.9100	\$1.9200	\$1.8350	\$1.8250	\$1.8600	\$2.1400	\$1.9900	\$2.2200	\$1.9483	\$1.9083	\$2.0000
Avg Rate	\$1.8700	\$1.9100	\$1.9200	\$1.8079	\$1.8237	\$1.8356	\$1.8026	\$1.8161	\$1.8410	\$1.8268	\$1.8499	\$1.8655

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,032,300	\$1,764,436.75	\$1,885,834.50	\$121,397.75	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$121,397.75	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
May-16

INVOICED SALES AMOUNTS
Sales Amounts

MARGIN

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	MARGIN
	S	S0240868	5/1/16	5/1/16	TCO	WV	20,000	\$1.7950	\$35,900.00	\$600.00
	S	S0240869	5/1/16	5/1/16	TCO	WV	20,000	\$1.8050	\$36,100.00	\$200.00
	S	S0240870	5/1/16	5/1/16	TCO	WV	20,000	\$1.8050	\$36,100.00	\$200.00
	S	S0240871	5/1/16	5/1/16	TCO	WV	20,000	\$1.8200	\$36,400.00	\$100.00
	S	S0240873	5/1/16	5/1/16	TCO	WV	10,000	\$1.8750	\$18,750.00	\$225.00
	S	S0240876	5/1/16	5/1/16	TCO	WV	5,000	\$1.8800	\$9,400.00	\$62.50
	S	S0240877	5/1/16	5/1/16	TCO	WV	5,000	\$1.8800	\$9,400.00	\$62.50
	S	S0240878	5/1/16	5/1/16	TCO	WV	5,000	\$1.8800	\$9,400.00	\$62.50
	S	S0240848	5/1/16	5/1/16	TCO	WV	5,100	\$1.7650	\$9,001.50	\$76.50
	S	S0240849	5/1/16	5/1/16	TCO	WV	1,500	\$1.7650	\$2,647.50	\$22.50
	S	S0240850	5/1/16	5/1/16	TCO	WV	6,500	\$1.7600	\$11,440.00	\$65.00
	S	S0240851	5/1/16	5/1/16	TCO	WV	5,000	\$1.7550	\$8,775.00	\$25.00
	S	S0240852	5/1/16	5/1/16	TCO	WV	5,000	\$1.7550	\$8,775.00	\$25.00
	S	S0240853	5/1/16	5/1/16	TCO	WV	2,000	\$1.7550	\$3,510.00	\$10.00
	S	S0240855	5/1/16	5/1/16	TCO	WV	5,000	\$1.7700	\$8,850.00	\$25.00
	S	S0240856	5/1/16	5/1/16	TCO	WV	500	\$1.7850	\$892.50	\$17.50
	S	S0240857	5/1/16	5/1/16	TCO	WV	600	\$1.7975	\$1,078.50	\$28.50
	S	S0240858	5/1/16	5/1/16	TCO	WV	5,000	\$1.8475	\$9,237.50	\$262.50
	S	S0240866	5/1/16	5/1/16	TCO	WV	3,200	\$1.7850	\$5,712.00	\$64.00
	S	S0240867	5/1/16	5/1/16	TCO	WV	30,000	\$1.7850	\$53,550.00	\$798.00
	S	S0240734	5/1/16	5/1/16	TCO	WV	3,300	\$1.8500	\$6,105.00	\$24.75
	S	S0240735	5/1/16	5/1/16	TCO	WV	18,600	\$1.8475	\$34,363.50	\$93.00
	S	S0240739	5/1/16	5/1/16	TCO	WV	5,000	\$1.8400	\$9,200.00	\$225.00
	S	S0240746	5/1/16	5/1/16	TCO	WV	10,000	\$1.8475	\$18,475.00	\$50.00
	S	S0240761	5/1/16	5/1/16	TCO	WV	5,000	\$1.7025	\$8,512.50	\$12.50
	S	S0240762	5/1/16	5/1/16	TCO	WV	3,200	\$1.7025	\$5,448.00	\$8.00
	S	S0240768	5/1/16	5/1/16	TCO	WV	4,000	\$1.7300	\$6,920.00	\$60.00
	S	S0240794	5/1/16	5/1/16	TCO	WV	10,000	\$1.7850	\$17,850.00	\$50.00
	S	S0240796	5/1/16	5/1/16	TCO	WV	10,000	\$1.7850	\$17,850.00	\$311.00
	S	S0240807	5/1/16	5/1/16	TCO	WV	5,000	\$1.7050	\$8,525.00	\$25.00
	S	S0240808	5/1/16	5/1/16	TCO	WV	5,000	\$1.7050	\$8,525.00	\$25.00
	S	S0240809	5/1/16	5/1/16	TCO	WV	10,000	\$1.7050	\$17,050.00	\$50.00
	S	S0240694	5/1/16	5/1/16	TCO	WV	6,900	\$1.8525	\$12,782.25	\$221.97
	S	S0240701	5/1/16	5/1/16	TCO	WV	5,000	\$1.8400	\$9,200.00	\$112.50
	S	S0240702	5/1/16	5/1/16	TCO	WV	5,000	\$1.8400	\$9,200.00	\$120.25
	S	S0240703	5/1/16	5/1/16	TCO	WV	5,000	\$1.8400	\$9,200.00	\$112.50
	S	S0240704	5/1/16	5/1/16	TCO	WV	5,000	\$1.8400	\$9,200.00	\$125.00
	S	S0240705	5/1/16	5/1/16	TCO	WV	5,000	\$1.8550	\$9,275.00	\$12.50
	S	S0240706	5/1/16	5/1/16	TCO	WV	15,000	\$1.8550	\$27,825.00	\$37.50
	S	S0240728	5/1/16	5/1/16	TCO	WV	21,000	\$1.8000	\$37,800.00	\$370.02
	S	S0240729	5/1/16	5/1/16	TCO	WV	15,000	\$1.8350	\$27,525.00	\$365.55

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
May-16

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
I	S	S0240731	5/1/16	5/1/16	TCO	WV	300	\$1.8575	\$557.25	\$1.50
I	S	S0240732	5/1/16	5/1/16	TCO	WV	14,700	\$1.8575	\$27,305.25	\$73.50
I	S	S0240619	5/1/16	5/1/16	TCO	WV	2,200	\$1.8950	\$4,169.00	\$33.00
I	S	S0240620	5/1/16	5/1/16	TCO	WV	200	\$1.8950	\$379.00	\$4.50
I	S	S0240621	5/1/16	5/1/16	TCO	WV	4,300	\$1.8850	\$8,105.50	\$21.50
I	S	S0240623	5/1/16	5/1/16	TCO	WV	2,500	\$1.8775	\$4,693.75	\$12.50
I	S	S0240681	5/1/16	5/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$125.00
I	S	S0240682	5/1/16	5/1/16	TCO	WV	10,000	\$1.8800	\$18,800.00	\$125.00
I	S	S0240689	5/1/16	5/1/16	TCO	WV	5,000	\$1.8350	\$9,175.00	\$50.00
I	S	S0240690	5/1/16	5/1/16	TCO	WV	10,000	\$1.8350	\$18,350.00	\$165.50
I	S	S0240691	5/1/16	5/1/16	TCO	WV	5,000	\$1.8350	\$9,175.00	\$50.00
I	S	S0240692	5/1/16	5/1/16	TCO	WV	5,000	\$1.8350	\$9,175.00	\$75.00
I	S	S0240693	5/1/16	5/1/16	TCO	WV	9,800	\$1.8550	\$18,179.00	\$255.98
I	S	S0240542	5/1/16	5/1/16	TCO	WV	58,000	\$1.8700	\$108,460.00	\$4,176.00
I	S	S0240555	5/1/16	5/1/16	TCO	WV	10,000	\$1.7950	\$17,950.00	\$25.00
I	S	S0240556	5/1/16	5/1/16	TCO	WV	10,000	\$1.7950	\$17,950.00	\$25.00
I	S	S0240558	5/1/16	5/1/16	TCO	WV	10,000	\$1.8400	\$18,400.00	\$475.00
I	S	S0240559	5/1/16	5/1/16	TCO	WV	10,000	\$1.8400	\$18,400.00	\$501.20
I	S	S0240578	5/1/16	5/1/16	TCO	WV	5,000	\$1.8125	\$9,062.50	\$112.50
I	S	S0240592	5/1/16	5/1/16	TCO	WV	900	\$1.8500	\$1,665.00	\$27.00
I	S	S0240593	5/1/16	5/1/16	TCO	WV	2,000	\$1.8500	\$3,700.00	\$60.00
I	S	S0240608	5/1/16	5/1/16	TCO	WV	3,800	\$1.8700	\$7,106.00	\$190.00
I	S	S0240617	5/1/16	5/1/16	TCO	WV	5,000	\$1.8900	\$9,450.00	\$50.00
I	S	S0240618	5/1/16	5/1/16	TCO	WV	2,600	\$1.8950	\$4,927.00	\$48.75
		65					542,700		\$989,685.00	\$12,027.47

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
May-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0240730	5/1/16		6/1/16	2	1	TCO	WV	90,000	\$0.0900	\$8,100.00	\$0.00	\$4,050.00	\$4,050.00
E	E	OPP	S0240816	5/1/16		6/1/16	2	1	TCO	WV	30,000	\$0.1000	\$3,000.00	\$0.00	\$1,500.00	\$1,500.00
E	E	OPP	S0240393	4/1/16		7/1/16	4	2	TCO	WV	155,000	\$0.1550	\$24,025.00	\$0.00	\$6,006.25	\$6,006.25
E	E	OPP	S0239462	1/1/16		7/1/16	7	5	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0239782	2/1/16		8/1/16	7	4	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0239771	2/1/16		8/1/16	7	4	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16		8/1/16	7	4	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239667	4/1/16		12/1/16	9	2	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	1	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239668	4/1/16		1/1/17	10	2	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	1	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239669	4/1/16		2/1/17	11	2	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	1	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0240234	4/1/16		3/1/17	12	2	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
											1,810,500		\$648,310.00		\$76,332.11	\$76,332.11

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JUNE 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Jun-16

<u>Ln.</u>	<u>PBR Component Description</u>		Jun-16	
1	CPS = (TPBR) x ASP		\$24,454.07	30% of first 2% of AGC
2	CPS = (TPBR) x ASP		<u>\$197,608.92</u>	50% of remainder
3	Total Company Performance Share		\$222,062.99	
4	TCI (includes Marketed CapR)		\$418,210.22	
5	GCI		(\$47,623.83)	
6	OSSI	Sales	\$3,269.18	
		Exch	\$102,875.84	(1)
7	TPBR = (TCI+GCI+OSSI)		\$476,731.41	
8	AGC (**Total Gas Cost)		\$4,075,678.52	
		Sys Supply Purch	\$2,611,829.76	
		Chesapeake	\$15,315.30	
		Misc Adjustment	\$0.00	
		Transportation	\$1,448,533.46	
9	2% of AGC		\$81,513.57	
10	PAC = (TPBR) / AGC		11.70%	

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Jun-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.0200	Demand Vol @ Max Rate	\$574,548.80
		TCO	81540	SST	15,000	\$6.0200	Demand Vol @ Max Rate	<u>\$90,300.00</u>
								\$974,372.52
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.2500		<u>\$6.25</u>
								\$556,162.30
							Total TCI	\$418,210.22

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Jun-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			TCO P10	CGT Main	TGP 500
							TCO P10	CGT Main	TGP 500			
6/1/16	\$1.8500	\$1.8800	\$1.8900	\$2.0600	\$2.0450	\$2.0600	\$2.1400	\$1.9900	\$2.2200	\$2.0167	\$1.9717	\$2.0567
6/2/16	\$1.8500	\$1.8800	\$1.8900	\$2.2050	\$2.2050	\$2.2000	\$2.1400	\$1.9900	\$2.2200	\$2.0650	\$2.0250	\$2.1033
6/3/16	\$1.8500	\$1.8800	\$1.8900	\$2.2150	\$2.2100	\$2.2400	\$2.1400	\$1.9900	\$2.2200	\$2.0683	\$2.0267	\$2.1167
6/4/16	\$1.8500	\$1.8800	\$1.8900	\$2.1900	\$2.1950	\$2.2200	\$2.1400	\$1.9900	\$2.2200	\$2.0600	\$2.0217	\$2.1100
6/5/16	\$1.8500	\$1.8800	\$1.8900	\$2.1900	\$2.1950	\$2.2200	\$2.1400	\$1.9900	\$2.2200	\$2.0600	\$2.0217	\$2.1100
6/6/16	\$1.8500	\$1.8800	\$1.8900	\$2.1900	\$2.1950	\$2.2200	\$2.1400	\$1.9900	\$2.2200	\$2.0600	\$2.0217	\$2.1100
6/7/16	\$1.8500	\$1.8800	\$1.8900	\$2.2050	\$2.2150	\$2.2600	\$2.3400	\$2.3400	\$2.2200	\$2.1317	\$2.1450	\$2.1233
6/8/16	\$1.8500	\$1.8800	\$1.8900	\$2.2200	\$2.2050	\$2.2450	\$2.3400	\$2.3400	\$2.2200	\$2.1367	\$2.1417	\$2.1183
6/9/16	\$1.8500	\$1.8800	\$1.8900	\$2.2500	\$2.2650	\$2.3000	\$2.3400	\$2.3400	\$2.2200	\$2.1467	\$2.1617	\$2.1367
6/10/16	\$1.8500	\$1.8800	\$1.8900	\$2.2600	\$2.2550	\$2.2950	\$2.3400	\$2.3400	\$2.2200	\$2.1500	\$2.1583	\$2.1350
6/11/16	\$1.8500	\$1.8800	\$1.8900	\$2.3650	\$2.3700	\$2.3850	\$2.3400	\$2.3400	\$2.2200	\$2.1850	\$2.1967	\$2.1650
6/12/16	\$1.8500	\$1.8800	\$1.8900	\$2.3650	\$2.3700	\$2.3850	\$2.3400	\$2.3400	\$2.2200	\$2.1850	\$2.1967	\$2.1650
6/13/16	\$1.8500	\$1.8800	\$1.8900	\$2.3650	\$2.3700	\$2.3850	\$2.3400	\$2.3400	\$2.2200	\$2.1850	\$2.1967	\$2.1650
6/14/16	\$1.8500	\$1.8800	\$1.8900	\$2.4500	\$2.4700	\$2.5000	\$2.4900	\$2.5200	\$2.5400	\$2.2633	\$2.2900	\$2.3100
6/15/16	\$1.8500	\$1.8800	\$1.8900	\$2.4600	\$2.4900	\$2.4900	\$2.4900	\$2.5200	\$2.5400	\$2.2667	\$2.2967	\$2.3067
6/16/16	\$1.8500	\$1.8800	\$1.8900	\$2.5300	\$2.5500	\$2.5600	\$2.4900	\$2.5200	\$2.5400	\$2.2900	\$2.3167	\$2.3300
6/17/16	\$1.8500	\$1.8800	\$1.8900	\$2.5100	\$2.5250	\$2.5200	\$2.4900	\$2.5200	\$2.5400	\$2.2833	\$2.3083	\$2.3167
6/18/16	\$1.8500	\$1.8800	\$1.8900	\$2.5050	\$2.5250	\$2.5350	\$2.4900	\$2.5200	\$2.5400	\$2.2817	\$2.3083	\$2.3217
6/19/16	\$1.8500	\$1.8800	\$1.8900	\$2.5050	\$2.5250	\$2.5350	\$2.4900	\$2.5200	\$2.5400	\$2.2817	\$2.3083	\$2.3217
6/20/16	\$1.8500	\$1.8800	\$1.8900	\$2.5050	\$2.5250	\$2.5350	\$2.4900	\$2.5200	\$2.5400	\$2.2817	\$2.3083	\$2.3217
6/21/16	\$1.8500	\$1.8800	\$1.8900	\$2.6550	\$2.6500	\$2.6550	\$2.6400	\$2.6200	\$2.6400	\$2.3817	\$2.3833	\$2.3950
6/22/16	\$1.8500	\$1.8800	\$1.8900	\$2.6800	\$2.7000	\$2.7100	\$2.6400	\$2.6200	\$2.6400	\$2.3900	\$2.4000	\$2.4133
6/23/16	\$1.8500	\$1.8800	\$1.8900	\$2.7000	\$2.7100	\$2.7250	\$2.6400	\$2.6200	\$2.6400	\$2.3967	\$2.4033	\$2.4183
6/24/16	\$1.8500	\$1.8800	\$1.8900	\$2.6100	\$2.6050	\$2.6300	\$2.6400	\$2.6200	\$2.6400	\$2.3667	\$2.3683	\$2.3867
6/25/16	\$1.8500	\$1.8800	\$1.8900	\$2.6150	\$2.6050	\$2.6250	\$2.6400	\$2.6200	\$2.6400	\$2.3683	\$2.3683	\$2.3850
6/26/16	\$1.8500	\$1.8800	\$1.8900	\$2.6150	\$2.6050	\$2.6250	\$2.6400	\$2.6200	\$2.6400	\$2.3683	\$2.3683	\$2.3850
6/27/16	\$1.8500	\$1.8800	\$1.8900	\$2.6150	\$2.6050	\$2.6250	\$2.6400	\$2.6200	\$2.6400	\$2.3683	\$2.3683	\$2.3850
6/28/16	\$1.8500	\$1.8800	\$1.8900	\$2.6950	\$2.6750	\$2.6800	\$2.8000	\$2.7600	\$2.8100	\$2.4483	\$2.4383	\$2.4600
6/29/16	\$1.8500	\$1.8800	\$1.8900	\$2.7950	\$2.7800	\$2.7950	\$2.8000	\$2.7600	\$2.8100	\$2.4817	\$2.4733	\$2.4983
6/30/16	\$1.8500	\$1.8800	\$1.8900	\$2.8200	\$2.8400	\$2.8400	\$2.8000	\$2.7600	\$2.8100	\$2.4900	\$2.4933	\$2.5133
Avg Rate	\$1.8500	\$1.8800	\$1.8900	\$2.4448	\$2.4493	\$2.4667	\$2.4510	\$2.4193	\$2.4517	\$2.2486	\$2.2496	\$2.2694

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,140,351	\$2,611,829.76	\$2,564,205.93	(\$47,623.83)	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					(\$47,623.83)	

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Jun-16

DATA *	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED	SALES RATE	TOTAL SALE	
STATUS							Dth	\$/Dth	\$	
I	S	S0241019	6/1/16	6/1/16	TCO	WV	5,000	\$2.6500	\$13,250.00	\$550.00
I	S	S0241020	6/1/16	6/1/16	TCO	WV	5,000	\$2.6500	\$13,250.00	\$550.00
I	S	S0241122	6/1/16	6/1/16	TCO	WV	5,000	\$2.8300	\$14,150.00	\$137.50
I	S	S0241123	6/1/16	6/1/16	TCO	WV	3,500	\$2.8300	\$9,905.00	\$96.25
I	S	S0240901	6/1/16	6/1/16	TCO	WV	1,000	\$2.2950	\$2,295.00	\$95.00
I	S	S0240909	6/1/16	6/1/16	TCO	WV	18,000	\$2.2025	\$39,645.00	\$215.82
I	S	S0240910	6/1/16	6/1/16	TCO	WV	195	\$2.2100	\$430.95	\$0.98
I	S	S0240911	6/1/16	6/1/16	TCO	WV	13,700	\$2.2400	\$30,688.00	\$787.75
I	S	S0240940	6/1/16	6/1/16	TCO	WV	11,626	\$2.4650	\$28,658.09	\$232.52
I	S	S0240941	6/1/16	6/1/16	TCO	WV	5,000	\$2.4750	\$12,375.00	\$150.00
I	S	S0240942	6/1/16	6/1/16	TCO	WV	3,500	\$2.4750	\$8,662.50	\$115.40
I	S	S0240983	6/1/16	6/1/16	TCO	WV	5,000	\$2.5000	\$12,500.00	\$162.50
I	S	S0240991	6/1/16	6/1/16	TCO	WV	4,500	\$2.5050	\$11,272.50	\$22.50
I	S	S0240992	6/1/16	6/1/16	TCO	WV	600	\$2.5050	\$1,503.00	\$3.00
I	S	S0240993	6/1/16	6/1/16	TCO	WV	14,996	\$2.5100	\$37,639.96	\$149.96
		15					96,617		\$236,225.00	\$3,269.18

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Jun-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0240816	5/1/16	6/1/16	6/1/16	2	2	TCO	WV	30,000	\$0.1000	\$3,000.00	\$0.00	\$1,500.00	\$1,500.00
E	E	OPP	S0240730	5/1/16	6/1/16	6/1/16	2	2	TCO	WV	90,000	\$0.0900	\$8,100.00	\$0.00	\$4,050.00	\$4,050.00
E	E	OPP	S0240393	4/1/16		7/1/16	4	3	TCO	WV	155,000	\$0.1550	\$24,025.00	\$0.00	\$6,006.25	\$6,006.25
E	E	OPP	S0239462	1/1/16		7/1/16	7	6	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0240887	6/1/16		8/1/16	3	1	TCO	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$1,550.00	\$1,550.00
E	E	OPP	S0240904	6/1/16		8/1/16	3	1	TCO	WV	31,000	\$0.0800	\$2,480.00	\$0.00	\$826.67	\$826.67
E	E	OPP	S0239771	2/1/16		8/1/16	7	5	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16		8/1/16	7	5	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16		8/1/16	7	5	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0240932	6/1/16		9/1/16	4	1	TCO	WV	75,000	\$0.0600	\$4,500.00	\$0.00	\$1,125.00	\$1,125.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	1	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239667	4/1/16		12/1/16	9	3	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	2	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	2	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	1	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239668	4/1/16		1/1/17	10	3	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239673	5/1/16		2/1/17	10	2	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	1	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239669	4/1/16		2/1/17	11	3	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239859	6/1/16		3/1/17	10	1	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	3	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
											2,265,500		\$852,027.50		\$102,875.84	\$102,875.84

JULY 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Jul-16

<u>Ln.</u>	<u>PBR Component Description</u>		<u>Jul-16</u>	
1	CPS = (TPBR) x ASP		\$38,562.44	30% of first 2% of AGC
2	CPS = (TPBR) x ASP		<u>\$227,821.32</u>	50% of remainder
3	Total Company Performance Share		\$266,383.76	
4	TCI (includes Marketed CapR)		\$418,210.45	
5	GCI		\$64,035.93	
6	OSSI	Sales	\$4,611.89	
		Exch	\$97,325.84	(1)
7	TPBR = (TCI+GCI+OSSI)		\$584,184.11	
8	AGC (**Total Gas Cost)		\$6,427,073.71	
		Sys Supply Purch	\$4,957,385.75	
		Chesapeake	\$15,956.46	
		Misc Adjustment	\$0.00	
		Transportation	\$1,453,731.50	
9	2% of AGC		\$128,541.47	
10	PAC = (TPBR) / AGC			9.09%

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Jul-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.0200	Demand Vol @ Max Rate	\$574,548.80
		TCO	81540	SST	15,000	\$6.0200	Demand Vol @ Max Rate	<u>\$90,300.00</u>
								\$974,372.52
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.2500		<u>\$6.02</u>
								\$556,162.07
							Total TCI	\$418,210.45

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Jul-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
7/1/16	\$2.8100	\$2.8400	\$2.8600	\$2.8150	\$2.7950	\$2.8500	\$2.8000	\$2.7600	\$2.8100	\$2.8083	\$2.7983	\$2.8400
7/2/16	\$2.8100	\$2.8400	\$2.8600	\$2.7900	\$2.7550	\$2.8150	\$2.8000	\$2.7600	\$2.8100	\$2.8000	\$2.7850	\$2.8283
7/3/16	\$2.8100	\$2.8400	\$2.8600	\$2.7900	\$2.7550	\$2.8150	\$2.8000	\$2.7600	\$2.8100	\$2.8000	\$2.7850	\$2.8283
7/4/16	\$2.8100	\$2.8400	\$2.8600	\$2.7900	\$2.7550	\$2.8150	\$2.8000	\$2.7600	\$2.8100	\$2.8000	\$2.7850	\$2.8283
7/5/16	\$2.8100	\$2.8400	\$2.8600	\$2.7900	\$2.7550	\$2.8150	\$2.7300	\$2.7100	\$2.7700	\$2.7767	\$2.7683	\$2.8150
7/6/16	\$2.8100	\$2.8400	\$2.8600	\$2.7300	\$2.7200	\$2.7600	\$2.7300	\$2.7100	\$2.7700	\$2.7567	\$2.7567	\$2.7967
7/7/16	\$2.8100	\$2.8400	\$2.8600	\$2.6700	\$2.6550	\$2.7300	\$2.7300	\$2.7100	\$2.7700	\$2.7367	\$2.7350	\$2.7867
7/8/16	\$2.8100	\$2.8400	\$2.8600	\$2.7800	\$2.7550	\$2.7900	\$2.7300	\$2.7100	\$2.7700	\$2.7733	\$2.7683	\$2.8067
7/9/16	\$2.8100	\$2.8400	\$2.8600	\$2.6800	\$2.6800	\$2.7250	\$2.7300	\$2.7100	\$2.7700	\$2.7400	\$2.7433	\$2.7850
7/10/16	\$2.8100	\$2.8400	\$2.8600	\$2.6800	\$2.6800	\$2.7250	\$2.7300	\$2.7100	\$2.7700	\$2.7400	\$2.7433	\$2.7850
7/11/16	\$2.8100	\$2.8400	\$2.8600	\$2.6800	\$2.6800	\$2.7250	\$2.7300	\$2.7100	\$2.7700	\$2.7400	\$2.7433	\$2.7850
7/12/16	\$2.8100	\$2.8400	\$2.8600	\$2.7500	\$2.7350	\$2.7650	\$2.6700	\$2.6300	\$2.7300	\$2.7433	\$2.7350	\$2.7850
7/13/16	\$2.8100	\$2.8400	\$2.8600	\$2.7050	\$2.6700	\$2.7350	\$2.6700	\$2.6300	\$2.7300	\$2.7283	\$2.7133	\$2.7650
7/14/16	\$2.8100	\$2.8400	\$2.8600	\$2.7350	\$2.7200	\$2.7500	\$2.6700	\$2.6300	\$2.7300	\$2.7383	\$2.7300	\$2.7800
7/15/16	\$2.8100	\$2.8400	\$2.8600	\$2.7150	\$2.6850	\$2.7250	\$2.6700	\$2.6300	\$2.7300	\$2.7317	\$2.7183	\$2.7717
7/16/16	\$2.8100	\$2.8400	\$2.8600	\$2.6350	\$2.5950	\$2.6450	\$2.6700	\$2.6300	\$2.7300	\$2.7050	\$2.6883	\$2.7450
7/17/16	\$2.8100	\$2.8400	\$2.8600	\$2.6350	\$2.5950	\$2.6450	\$2.6700	\$2.6300	\$2.7300	\$2.7050	\$2.6883	\$2.7450
7/18/16	\$2.8100	\$2.8400	\$2.8600	\$2.6350	\$2.5950	\$2.6450	\$2.6700	\$2.6300	\$2.7300	\$2.7050	\$2.6883	\$2.7450
7/19/16	\$2.8100	\$2.8400	\$2.8600	\$2.7450	\$2.7250	\$2.7550	\$2.7200	\$2.7400	\$2.7200	\$2.7583	\$2.7683	\$2.7783
7/20/16	\$2.8100	\$2.8400	\$2.8600	\$2.7400	\$2.7350	\$2.7550	\$2.7200	\$2.7400	\$2.7200	\$2.7567	\$2.7717	\$2.7783
7/21/16	\$2.8100	\$2.8400	\$2.8600	\$2.6550	\$2.6550	\$2.6600	\$2.7200	\$2.7400	\$2.7200	\$2.7283	\$2.7450	\$2.7467
7/22/16	\$2.8100	\$2.8400	\$2.8600	\$2.6600	\$2.6450	\$2.6650	\$2.7200	\$2.7400	\$2.7200	\$2.7300	\$2.7417	\$2.7483
7/23/16	\$2.8100	\$2.8400	\$2.8600	\$2.7550	\$2.7450	\$2.7350	\$2.7200	\$2.7400	\$2.7200	\$2.7617	\$2.7750	\$2.7717
7/24/16	\$2.8100	\$2.8400	\$2.8600	\$2.7550	\$2.7450	\$2.7350	\$2.7200	\$2.7400	\$2.7200	\$2.7617	\$2.7750	\$2.7717
7/25/16	\$2.8100	\$2.8400	\$2.8600	\$2.7550	\$2.7450	\$2.7350	\$2.7200	\$2.7400	\$2.7200	\$2.7617	\$2.7750	\$2.7717
7/26/16	\$2.8100	\$2.8400	\$2.8600	\$2.7600	\$2.7500	\$2.7750	\$2.7100	\$2.7000	\$2.7300	\$2.7600	\$2.7633	\$2.7883
7/27/16	\$2.8100	\$2.8400	\$2.8600	\$2.6800	\$2.6500	\$2.6750	\$2.7100	\$2.7000	\$2.7300	\$2.7333	\$2.7300	\$2.7550
7/28/16	\$2.8100	\$2.8400	\$2.8600	\$2.7150	\$2.6950	\$2.7200	\$2.7100	\$2.7000	\$2.7300	\$2.7450	\$2.7450	\$2.7700
7/29/16	\$2.8100	\$2.8400	\$2.8600	\$2.6850	\$2.6800	\$2.7150	\$2.7100	\$2.7000	\$2.7300	\$2.7350	\$2.7400	\$2.7683
7/30/16	\$2.8100	\$2.8400	\$2.8600	\$2.6850	\$2.6800	\$2.7150	\$2.7100	\$2.7000	\$2.7300	\$2.7350	\$2.7400	\$2.7683
7/31/16	\$2.8100	\$2.8400	\$2.8600	\$2.6850	\$2.6800	\$2.7150	\$2.7100	\$2.7000	\$2.7300	\$2.7350	\$2.7400	\$2.7683
Avg Rate	\$2.8100	\$2.8400	\$2.8600	\$2.7187	\$2.7003	\$2.7355	\$2.7194	\$2.7032	\$2.7471	\$2.7494	\$2.7478	\$2.7809

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,826,400	\$4,957,385.75	\$5,021,421.68	\$64,035.93
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$64,035.93

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Jul-16

INVOICED SALES AMOUNTS	
Sales Amounts	

MARGIN

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	MARGIN
	S	S0241313	7/1/16	7/1/16	TCO	WV	4,900	\$2.7800	\$13,622.00	\$22.74
	S	S0241314	7/1/16	7/1/16	TCO	WV	10,000	\$2.7750	\$27,750.00	\$50.00
	S	S0241315	7/1/16	7/1/16	TCO	WV	10,000	\$2.7750	\$27,750.00	\$250.00
	S	S0241316	7/1/16	7/1/16	TCO	WV	10,000	\$2.7750	\$27,750.00	\$250.00
	S	S0241317	7/1/16	7/1/16	TCO	WV	8,000	\$2.7725	\$22,180.00	\$20.00
	S	S0241326	7/1/16	7/1/16	TCO	WV	6,300	\$2.7400	\$17,262.00	\$15.75
	S	S0241327	7/1/16	7/1/16	TCO	WV	1,800	\$2.7300	\$4,914.00	\$4.50
	S	S0241388	7/1/16	7/1/16	TCO	WV	800	\$2.8400	\$2,272.00	\$42.00
	S	S0241272	7/1/16	7/1/16	TCO	WV	6,900	\$2.7700	\$19,113.00	\$172.50
	S	S0241275	7/1/16	7/1/16	TCO	WV	10,000	\$2.7450	\$27,450.00	\$97.00
	S	S0241276	7/1/16	7/1/16	TCO	WV	10,000	\$2.7400	\$27,400.00	\$50.00
	S	S0241291	7/1/16	7/1/16	TCO	WV	500	\$2.6650	\$1,332.50	\$12.50
	S	S0241296	7/1/16	7/1/16	TCO	WV	10,000	\$2.6475	\$26,475.00	\$25.00
	S	S0241297	7/1/16	7/1/16	TCO	WV	10,000	\$2.6475	\$26,475.00	\$235.50
	S	S0241301	7/1/16	7/1/16	TCO	WV	1,000	\$2.6675	\$2,667.50	\$5.00
	S	S0241307	7/1/16	7/1/16	TCO	WV	15,000	\$2.7700	\$41,550.00	\$82.50
	S	S0241308	7/1/16	7/1/16	TCO	WV	15,000	\$2.7700	\$41,550.00	\$150.00
	S	S0241311	7/1/16	7/1/16	TCO	WV	4,000	\$2.7875	\$11,150.00	\$10.00
	S	S0241312	7/1/16	7/1/16	TCO	WV	10,000	\$2.7800	\$27,800.00	\$25.00
	S	S0241135	7/1/16	7/1/16	TCO	WV	20,000	\$2.7550	\$55,100.00	\$200.00
	S	S0241136	7/1/16	7/1/16	TCO	WV	20,000	\$2.7600	\$55,200.00	\$300.00
	S	S0241137	7/1/16	7/1/16	TCO	WV	20,000	\$2.7775	\$55,550.00	\$650.00
	S	S0241138	7/1/16	7/1/16	TCO	WV	20,000	\$2.8050	\$56,100.00	\$1,200.00
	S	S0241139	7/1/16	7/1/16	TCO	WV	20,000	\$2.8050	\$56,100.00	\$378.40
	S	S0241149	7/1/16	7/1/16	TCO	WV	4,300	\$2.9000	\$12,470.00	\$306.25
	S	S0241215	7/1/16	7/1/16	TCO	WV	500	\$2.7775	\$1,388.75	\$1.25
	S	S0241216	7/1/16	7/1/16	TCO	WV	4,500	\$2.7775	\$12,498.75	\$11.25
	S	S0241239	7/1/16	7/1/16	TCO	WV	2,100	\$2.7400	\$5,754.00	\$15.75
	S	S0241240	7/1/16	7/1/16	TCO	WV	3,200	\$2.7400	\$8,768.00	\$24.00
	S	S0241241	7/1/16	7/1/16	TCO	WV	2,000	\$2.7500	\$5,500.00	\$5.00
		30					260,800		\$720,892.50	\$4,611.89

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Jul-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0240393	4/1/16	7/1/16	7/1/16	4	4	TCO	WV	155,000	\$0.1550	\$24,025.00	\$0.00	\$6,006.25	\$6,006.25
E	E	OPP	S0239462	1/1/16	7/1/16	7/1/16	7	7	TCO	WV	93,000	\$0.1300	\$12,090.00	\$0.00	\$1,727.14	\$1,727.14
E	E	OPP	S0240887	6/1/16		8/1/16	3	2	TCO	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$1,550.00	\$1,550.00
E	E	OPP	S0240904	6/1/16		8/1/16	3	2	TCO	WV	31,000	\$0.0800	\$2,480.00	\$0.00	\$826.67	\$826.67
E	E	OPP	S0239771	2/1/16		8/1/16	7	6	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16		8/1/16	7	6	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16		8/1/16	7	6	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0240932	6/1/16		9/1/16	4	2	TCO	WV	75,000	\$0.0600	\$4,500.00	\$0.00	\$1,125.00	\$1,125.00
E	E	OPP	S0239667	4/1/16		12/1/16	9	4	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	3	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	2	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239668	4/1/16		1/1/17	10	4	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	3	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	2	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239858	6/1/16		2/1/17	9	2	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239669	4/1/16		2/1/17	11	4	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	3	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239859	6/1/16		3/1/17	10	2	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	4	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
											2,145,500		\$840,927.50		\$97,325.84	\$97,325.84

AUGUST 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Aug-16

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Aug-16</u>	
1	CPS = (TPBR) x ASP	\$38,755.65	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$243,999.99</u>	50% of remainder
3	Total Company Performance Share	\$282,755.64	
4	TCI (includes Marketed CapR)	\$418,210.45	
5	GCI	\$95,734.06	
6	OSSI		
	Sales	\$10,048.52	
	Exch	\$93,192.45	(1)
7	TPBR = (TCI+GCI+OSSI)	\$617,185.48	
8	AGC (**Total Gas Cost)	\$6,459,275.04	
	Sys Supply Purch	\$4,997,092.18	
	Chesapeake	\$16,269.05	
	Misc Adjustment	\$0.00	
	Transportation	\$1,445,913.81	
9	2% of AGC	\$129,185.50	
10	PAC = (TPBR) / AGC	9.56%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Aug-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.0200	Demand Vol @ Max Rate	\$574,548.80
		TCO	81540	SST	15,000	\$6.0200	Demand Vol @ Max Rate	<u>\$90,300.00</u>
								\$974,372.52
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5823	Demand Vol @ Disc Rate	\$93,964.64
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.0200		<u>\$6.02</u>
								\$556,162.06
							Total TCI	\$418,210.45

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Aug-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
8/1/16	\$2.5900	\$2.5900	\$2.6100	\$2.7500	\$2.8250	\$2.8650	\$2.7100	\$2.7000	\$2.7300	\$2.6833	\$2.7050	\$2.7350
8/2/16	\$2.5900	\$2.5900	\$2.6100	\$2.7100	\$2.7750	\$2.8250	\$2.7000	\$2.7500	\$2.7800	\$2.6667	\$2.7050	\$2.7383
8/3/16	\$2.5900	\$2.5900	\$2.6100	\$2.6450	\$2.7100	\$2.7500	\$2.7000	\$2.7500	\$2.7800	\$2.6450	\$2.6833	\$2.7133
8/4/16	\$2.5900	\$2.5900	\$2.6100	\$2.7100	\$2.7850	\$2.8250	\$2.7000	\$2.7500	\$2.7800	\$2.6667	\$2.7083	\$2.7383
8/5/16	\$2.5900	\$2.5900	\$2.6100	\$2.7150	\$2.7900	\$2.8300	\$2.7000	\$2.7500	\$2.7800	\$2.6683	\$2.7100	\$2.7400
8/6/16	\$2.5900	\$2.5900	\$2.6100	\$2.6950	\$2.7350	\$2.7750	\$2.7000	\$2.7500	\$2.7800	\$2.6617	\$2.6917	\$2.7217
8/7/16	\$2.5900	\$2.5900	\$2.6100	\$2.6950	\$2.7350	\$2.7750	\$2.7000	\$2.7500	\$2.7800	\$2.6617	\$2.6917	\$2.7217
8/8/16	\$2.5900	\$2.5900	\$2.6100	\$2.6950	\$2.7350	\$2.7750	\$2.7000	\$2.7500	\$2.7800	\$2.6617	\$2.6917	\$2.7217
8/9/16	\$2.5900	\$2.5900	\$2.6100	\$2.6550	\$2.6900	\$2.7150	\$2.5900	\$2.6200	\$2.6300	\$2.6117	\$2.6333	\$2.6517
8/10/16	\$2.5900	\$2.5900	\$2.6100	\$2.5850	\$2.6550	\$2.6850	\$2.5900	\$2.6200	\$2.6300	\$2.5883	\$2.6217	\$2.6417
8/11/16	\$2.5900	\$2.5900	\$2.6100	\$2.5800	\$2.6100	\$2.6100	\$2.5900	\$2.6200	\$2.6300	\$2.5867	\$2.6067	\$2.6167
8/12/16	\$2.5900	\$2.5900	\$2.6100	\$2.5450	\$2.5600	\$2.5700	\$2.5900	\$2.6200	\$2.6300	\$2.5750	\$2.5900	\$2.6033
8/13/16	\$2.5900	\$2.5900	\$2.6100	\$2.5950	\$2.6000	\$2.6250	\$2.5900	\$2.6200	\$2.6300	\$2.5917	\$2.6033	\$2.6217
8/14/16	\$2.5900	\$2.5900	\$2.6100	\$2.5950	\$2.6000	\$2.6250	\$2.5900	\$2.6200	\$2.6300	\$2.5917	\$2.6033	\$2.6217
8/15/16	\$2.5900	\$2.5900	\$2.6100	\$2.5950	\$2.6000	\$2.6250	\$2.5900	\$2.6200	\$2.6300	\$2.5917	\$2.6033	\$2.6217
8/16/16	\$2.5900	\$2.5900	\$2.6100	\$2.6300	\$2.6100	\$2.6450	\$2.5800	\$2.5900	\$2.6300	\$2.6000	\$2.5967	\$2.6283
8/17/16	\$2.5900	\$2.5900	\$2.6100	\$2.6300	\$2.6050	\$2.6250	\$2.5800	\$2.5900	\$2.6300	\$2.6000	\$2.5950	\$2.6217
8/18/16	\$2.5900	\$2.5900	\$2.6100	\$2.5950	\$2.6050	\$2.6050	\$2.5800	\$2.5900	\$2.6300	\$2.5883	\$2.5950	\$2.6233
8/19/16	\$2.5900	\$2.5900	\$2.6100	\$2.5850	\$2.6050	\$2.6300	\$2.5800	\$2.5900	\$2.6300	\$2.5850	\$2.5950	\$2.6233
8/20/16	\$2.5900	\$2.5900	\$2.6100	\$2.5350	\$2.5450	\$2.5900	\$2.5800	\$2.5900	\$2.6300	\$2.5683	\$2.5750	\$2.6100
8/21/16	\$2.5900	\$2.5900	\$2.6100	\$2.5350	\$2.5450	\$2.5900	\$2.5800	\$2.5900	\$2.6300	\$2.5683	\$2.5750	\$2.6100
8/22/16	\$2.5900	\$2.5900	\$2.6100	\$2.5350	\$2.5450	\$2.5900	\$2.5800	\$2.5900	\$2.6300	\$2.5683	\$2.5750	\$2.6100
8/23/16	\$2.5900	\$2.5900	\$2.6100	\$2.5900	\$2.6250	\$2.6450	\$2.6800	\$2.7500	\$2.7900	\$2.6200	\$2.6550	\$2.6817
8/24/16	\$2.5900	\$2.5900	\$2.6100	\$2.5500	\$2.6300	\$2.6600	\$2.6800	\$2.7500	\$2.7900	\$2.6067	\$2.6567	\$2.6933
8/25/16	\$2.5900	\$2.5900	\$2.6100	\$2.6300	\$2.7200	\$2.7650	\$2.6800	\$2.7500	\$2.7900	\$2.6333	\$2.6867	\$2.7217
8/26/16	\$2.5900	\$2.5900	\$2.6100	\$2.7100	\$2.7850	\$2.8000	\$2.6800	\$2.7500	\$2.7900	\$2.6600	\$2.7083	\$2.7333
8/27/16	\$2.5900	\$2.5900	\$2.6100	\$2.7150	\$2.8000	\$2.8200	\$2.6800	\$2.7500	\$2.7900	\$2.6617	\$2.7133	\$2.7400
8/28/16	\$2.5900	\$2.5900	\$2.6100	\$2.7150	\$2.8000	\$2.8200	\$2.6800	\$2.7500	\$2.7900	\$2.6617	\$2.7133	\$2.7400
8/29/16	\$2.5900	\$2.5900	\$2.6100	\$2.7150	\$2.8000	\$2.8200	\$2.6800	\$2.7500	\$2.7900	\$2.6617	\$2.7133	\$2.7400
8/30/16	\$2.5900	\$2.5900	\$2.6100	\$2.7700	\$2.8500	\$2.9000	\$2.6700	\$2.7600	\$2.8600	\$2.6767	\$2.7333	\$2.7900
8/31/16	\$2.5900	\$2.5900	\$2.6100	\$2.7800	\$2.8700	\$2.8950	\$2.6700	\$2.7600	\$2.8600	\$2.6800	\$2.7400	\$2.7883
Avg Rate	\$2.5900	\$2.5900	\$2.6100	\$2.6447	\$2.6885	\$2.7200	\$2.6419	\$2.6835	\$2.7181	\$2.6255	\$2.6540	\$2.6827

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,939,727	\$4,997,092.18	\$5,092,826.24	\$95,734.06	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$95,734.06	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Aug-16

										INVOICED SALES AMOUNTS		MARGIN
										Sales Amounts		
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$			
	S	S0241748	8/1/16	8/1/16	TCO	WV	5,000	\$2.7550	\$13,775.00	\$176.50		
	S	S0241749	8/1/16	8/1/16	TCO	WV	5,000	\$2.7550	\$13,775.00	\$225.00		
	S	S0241750	8/1/16	8/1/16	TCO	WV	5,000	\$2.7550	\$13,775.00	\$220.50		
	S	S0241751	8/1/16	8/1/16	TCO	WV	5,000	\$2.7550	\$13,775.00	\$225.00		
	S	S0241774	8/1/16	8/1/16	TCO	WV	10,300	\$2.8300	\$29,149.00	\$1,236.00		
	S	S0241775	8/1/16	8/1/16	TCO	WV	5,000	\$2.8700	\$14,350.00	\$800.00		
	S	S0241777	8/1/16	8/1/16	TCO	WV	9,900	\$2.7600	\$27,324.00	\$503.02		
	S	S0241778	8/1/16	8/1/16	TCO	WV	5,000	\$2.7750	\$13,875.00	\$37.50		
	S	S0241780	8/1/16	8/1/16	TCO	WV	10,000	\$2.7850	\$27,850.00	\$775.00		
	S	S0241793	8/1/16	8/1/16	TCO	WV	10,000	\$2.7750	\$27,750.00	\$675.00		
	S	S0241799	8/1/16	8/1/16	TCO	WV	5,000	\$2.8000	\$14,000.00	\$462.50		
	S	S0241564	8/1/16	8/1/16	TCO	WV	5,000	\$2.6350	\$13,175.00	\$25.00		
	S	S0241565	8/1/16	8/1/16	TCO	WV	1,000	\$2.6350	\$2,635.00	\$5.00		
	S	S0241566	8/1/16	8/1/16	TCO	WV	4,000	\$2.6350	\$10,540.00	\$20.00		
	S	S0241567	8/1/16	8/1/16	TCO	WV	3,200	\$2.6400	\$8,448.00	\$32.00		
	S	S0241571	8/1/16	8/1/16	TCO	WV	5,000	\$2.6350	\$13,175.00	\$29.50		
	S	S0241573	8/1/16	8/1/16	TCO	WV	10,000	\$2.6375	\$26,375.00	\$75.00		
	S	S0241574	8/1/16	8/1/16	TCO	WV	1,800	\$2.6375	\$4,747.50	\$13.50		
	S	S0241588	8/1/16	8/1/16	TCO	WV	5,000	\$2.6500	\$13,250.00	\$50.00		
	S	S0241597	8/1/16	8/1/16	TCO	WV	8,000	\$2.7000	\$21,600.00	\$160.00		
	S	S0241683	8/1/16	8/1/16	TCO	WV	10,000	\$2.6200	\$26,200.00	\$150.00		
	S	S0241718	8/1/16	8/1/16	TCO	WV	5,000	\$2.7200	\$13,600.00	\$50.00		
	S	S0241503	8/1/16	8/1/16	TCO	WV	5,000	\$2.5900	\$12,950.00	\$150.00		
	S	S0241517	8/1/16	8/1/16	TCO	WV	400	\$2.5900	\$1,036.00	\$3.00		
	S	S0241518	8/1/16	8/1/16	TCO	WV	500	\$2.5800	\$1,290.00	\$10.00		
	S	S0241519	8/1/16	8/1/16	TCO	WV	200	\$2.5700	\$514.00	\$2.00		
	S	S0241520	8/1/16	8/1/16	TCO	WV	7,000	\$2.5950	\$18,165.00	\$122.50		
	S	S0241521	8/1/16	8/1/16	TCO	WV	5,000	\$2.5850	\$12,925.00	\$125.00		
	S	S0241522	8/1/16	8/1/16	TCO	WV	1,000	\$2.6075	\$2,607.50	\$25.00		
	S	S0241527	8/1/16	8/1/16	TCO	WV	10,000	\$2.6050	\$26,050.00	\$225.00		
	S	S0241528	8/1/16	8/1/16	TCO	WV	10,000	\$2.5550	\$25,550.00	\$125.00		
	S	S0241534	8/1/16	8/1/16	TCO	WV	5,000	\$2.6175	\$13,087.50	\$184.00		
	S	S0241563	8/1/16	8/1/16	TCO	WV	5,000	\$2.6350	\$13,175.00	\$25.00		
	S	S0241470	8/1/16	8/1/16	TCO	WV	3,000	\$2.7250	\$8,175.00	\$75.00		
	S	S0241471	8/1/16	8/1/16	TCO	WV	5,700	\$2.7350	\$15,589.50	\$199.50		
	S	S0241489	8/1/16	8/1/16	TCO	WV	1,200	\$2.6200	\$3,144.00	\$45.00		
	S	S0241493	8/1/16	8/1/16	TCO	WV	2,200	\$2.5900	\$5,698.00	\$66.00		

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Aug-16

							INVOICED SALES AMOUNTS			MARGIN
							Sales Amounts			
DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0241494	8/1/16	8/1/16	TCO	WV	4,200	\$2.5850	\$10,857.00	\$105.00
	S	S0241495	8/1/16	8/1/16	TCO	WV	200	\$2.6000	\$520.00	\$3.50
	S	S0241497	8/1/16	8/1/16	TCO	WV	200	\$2.5900	\$518.00	\$6.00
	S	S0241498	8/1/16	8/1/16	TCO	WV	600	\$2.5900	\$1,554.00	\$18.00
	S	S0241499	8/1/16	8/1/16	TCO	WV	2,500	\$2.5925	\$6,481.25	\$25.00
	S	S0241500	8/1/16	8/1/16	TCO	WV	1,700	\$2.5925	\$4,407.25	\$17.00
	S	S0241501	8/1/16	8/1/16	TCO	WV	5,000	\$2.5925	\$12,962.50	\$50.00
	S	S0241502	8/1/16	8/1/16	TCO	WV	10,000	\$2.5900	\$25,900.00	\$300.00
	S	S0241407	8/1/16	8/1/16	TCO	WV	1,800	\$2.6375	\$4,747.50	\$13.50
	S	S0241421	8/1/16	8/1/16	TCO	WV	5,000	\$2.6600	\$13,300.00	\$150.00
	S	S0241426	8/1/16	8/1/16	TCO	WV	10,000	\$2.7100	\$27,100.00	\$200.00
	S	S0241431	8/1/16	8/1/16	TCO	WV	10,000	\$2.7175	\$27,175.00	\$100.00
	S	S0241433	8/1/16	8/1/16	TCO	WV	10,000	\$2.7175	\$27,175.00	\$100.00
	S	S0241436	8/1/16	8/1/16	TCO	WV	10,000	\$2.7450	\$27,450.00	\$402.50
	S	S0241460	8/1/16	8/1/16	TCO	WV	5,000	\$2.7475	\$13,737.50	\$187.50
	S	S0241465	8/1/16	8/1/16	TCO	WV	14,400	\$2.7150	\$39,096.00	\$216.00
	S	S0241466	8/1/16	8/1/16	TCO	WV	15,000	\$2.7250	\$40,875.00	\$76.50
	S	S0241468	8/1/16	8/1/16	TCO	WV	15,000	\$2.7250	\$40,875.00	\$375.00
	S	S0241469	8/1/16	8/1/16	TCO	WV	15,000	\$2.7250	\$40,875.00	\$375.00
		56					330,000		\$888,706.00	\$10,048.52

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Aug-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0240887	6/1/16	8/1/16	8/1/16	3	3	TCO	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$1,550.00	\$1,550.00
E	E	OPP	S0240904	6/1/16	8/1/16	8/1/16	3	3	TCO	WV	31,000	\$0.0800	\$2,480.00	\$0.00	\$826.67	\$826.67
E	E	OPP	S0239771	2/1/16	8/1/16	8/1/16	7	7	TCO	WV	93,000	\$0.2200	\$20,460.00	\$0.00	\$2,922.86	\$2,922.86
E	E	OPP	S0239776	2/1/16	8/1/16	8/1/16	7	7	TCO	WV	217,000	\$0.1300	\$28,210.00	\$0.00	\$4,030.00	\$4,030.00
E	E	OPP	S0239782	2/1/16	8/1/16	8/1/16	7	7	TCO	WV	77,500	\$0.0700	\$5,425.00	\$0.00	\$775.00	\$775.00
E	E	OPP	S0240932	6/1/16		9/1/16	4	3	TCO	WV	75,000	\$0.0600	\$4,500.00	\$0.00	\$1,125.00	\$1,125.00
E	E	OPP	S0241474		8/1/16	9/1/16	2	1	TCO	WV	90,000	\$0.0800	\$7,200.00	\$0.00	\$3,600.00	\$3,600.00
E	E	OPP	S0239671	5/1/16		12/1/16	8	4	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	3	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239667	4/1/16		12/1/16	9	5	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239672	5/1/16		1/1/17	9	4	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	3	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239668	4/1/16		1/1/17	10	5	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239669	4/1/16		2/1/17	11	5	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	4	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	3	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16		3/1/17	10	3	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	5	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
18											1,987,500		\$812,012.50		\$93,192.45	\$93,192.45

SEPTEMBER 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Sep-16

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Sep-16</u>	
1	CPS = (TPBR) x ASP	\$32,802.19	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$196,880.02</u>	50% of remainder
3	Total Company Performance Share	\$229,682.21	
4	TCI (includes Marketed CapR)	\$418,210.45	
5	GCI	(\$12,277.05)	
6	OSSI		
	Sales	\$2,531.86	
	Exch	\$94,635.42	(1)
7	TPBR = (TCI+GCI+OSSI)	\$503,100.68	
8	AGC (**Total Gas Cost)	\$5,467,031.70	
	Sys Supply Purch	\$4,010,166.46	
	Chesapeake	\$14,878.71	
	Misc Adjustment	\$0.00	
	Transportation	\$1,441,986.53	
9	2% of AGC	\$109,340.63	
10	PAC = (TPBR) / AGC	9.20%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Sep-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	95,440	\$6.0200	Demand Vol @ Max Rate	\$574,548.80
		TCO	81540	SST	15,000	\$6.0200	Demand Vol @ Max Rate	<u>\$90,300.00</u>
								\$974,372.52
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.0200		<u>\$6.02</u>
								\$556,162.07
							Total TCI	\$418,210.45

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Sep-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
9/1/16	\$2.6900	\$2.7600	\$2.7900	\$2.7100	\$2.7950	\$2.8650	\$2.6700	\$2.7600	\$2.8600	\$2.6900	\$2.7717	\$2.8383
9/2/16	\$2.6900	\$2.7600	\$2.7900	\$2.6950	\$2.7850	\$2.8250	\$2.6700	\$2.7600	\$2.8600	\$2.6850	\$2.7683	\$2.8250
9/3/16	\$2.6900	\$2.7600	\$2.7900	\$2.6400	\$2.7450	\$2.7800	\$2.6700	\$2.7600	\$2.8600	\$2.6667	\$2.7550	\$2.8100
9/4/16	\$2.6900	\$2.7600	\$2.7900	\$2.6400	\$2.7450	\$2.7800	\$2.6700	\$2.7600	\$2.8600	\$2.6667	\$2.7550	\$2.8100
9/5/16	\$2.6900	\$2.7600	\$2.7900	\$2.6400	\$2.7450	\$2.7800	\$2.6700	\$2.7600	\$2.8600	\$2.6667	\$2.7550	\$2.8100
9/6/16	\$2.6900	\$2.7600	\$2.7900	\$2.6400	\$2.7450	\$2.7800	\$2.7000	\$2.8000	\$2.8200	\$2.6767	\$2.7683	\$2.7967
9/7/16	\$2.6900	\$2.7600	\$2.7900	\$2.6800	\$2.7350	\$2.7800	\$2.7000	\$2.8000	\$2.8200	\$2.6900	\$2.7650	\$2.7967
9/8/16	\$2.6900	\$2.7600	\$2.7900	\$2.7200	\$2.7450	\$2.7600	\$2.7000	\$2.8000	\$2.8200	\$2.7033	\$2.7683	\$2.7900
9/9/16	\$2.6900	\$2.7600	\$2.7900	\$2.7400	\$2.7600	\$2.8000	\$2.7000	\$2.8000	\$2.8200	\$2.7100	\$2.7733	\$2.8033
9/10/16	\$2.6900	\$2.7600	\$2.7900	\$2.8050	\$2.8300	\$2.8750	\$2.7000	\$2.8000	\$2.8200	\$2.7317	\$2.7967	\$2.8283
9/11/16	\$2.6900	\$2.7600	\$2.7900	\$2.8050	\$2.8300	\$2.8750	\$2.7000	\$2.8000	\$2.8200	\$2.7317	\$2.7967	\$2.8283
9/12/16	\$2.6900	\$2.7600	\$2.7900	\$2.8050	\$2.8300	\$2.8750	\$2.7000	\$2.8000	\$2.8200	\$2.7317	\$2.7967	\$2.8283
9/13/16	\$2.6900	\$2.7600	\$2.7900	\$2.9150	\$2.9050	\$2.9450	\$2.8300	\$2.8900	\$2.9400	\$2.8117	\$2.8517	\$2.8917
9/14/16	\$2.6900	\$2.7600	\$2.7900	\$2.9550	\$2.9450	\$2.9950	\$2.8300	\$2.8900	\$2.9400	\$2.8250	\$2.8650	\$2.9083
9/15/16	\$2.6900	\$2.7600	\$2.7900	\$2.9200	\$2.9200	\$2.9800	\$2.8300	\$2.8900	\$2.9400	\$2.8133	\$2.8567	\$2.9033
9/16/16	\$2.6900	\$2.7600	\$2.7900	\$2.8450	\$2.8400	\$2.9050	\$2.8300	\$2.8900	\$2.9400	\$2.7883	\$2.8300	\$2.8783
9/17/16	\$2.6900	\$2.7600	\$2.7900	\$2.7950	\$2.8850	\$2.9350	\$2.8300	\$2.8900	\$2.9400	\$2.7717	\$2.8450	\$2.8883
9/18/16	\$2.6900	\$2.7600	\$2.7900	\$2.7950	\$2.8850	\$2.9350	\$2.8300	\$2.8900	\$2.9400	\$2.7717	\$2.8450	\$2.8883
9/19/16	\$2.6900	\$2.7600	\$2.7900	\$2.7950	\$2.8850	\$2.9350	\$2.8300	\$2.8900	\$2.9400	\$2.7717	\$2.8450	\$2.8883
9/20/16	\$2.6900	\$2.7600	\$2.7900	\$2.8950	\$2.9850	\$2.9650	\$2.9100	\$2.9800	\$3.0400	\$2.8317	\$2.8900	\$2.9317
9/21/16	\$2.6900	\$2.7600	\$2.7900	\$2.9950	\$3.0250	\$3.0650	\$2.9100	\$2.9800	\$3.0400	\$2.8650	\$2.9217	\$2.9650
9/22/16	\$2.6900	\$2.7600	\$2.7900	\$3.0400	\$3.0850	\$3.1100	\$2.9100	\$2.9800	\$3.0400	\$2.8800	\$2.9417	\$2.9800
9/23/16	\$2.6900	\$2.7600	\$2.7900	\$3.0000	\$3.0650	\$3.1000	\$2.9100	\$2.9800	\$3.0400	\$2.8667	\$2.9350	\$2.9767
9/24/16	\$2.6900	\$2.7600	\$2.7900	\$2.8800	\$2.9750	\$3.0300	\$2.9100	\$2.9800	\$3.0400	\$2.8267	\$2.9050	\$2.9533
9/25/16	\$2.6900	\$2.7600	\$2.7900	\$2.8800	\$2.9750	\$3.0300	\$2.9100	\$2.9800	\$3.0400	\$2.8267	\$2.9050	\$2.9533
9/26/16	\$2.6900	\$2.7600	\$2.7900	\$2.8800	\$2.9750	\$3.0300	\$2.9100	\$2.9800	\$3.0400	\$2.8267	\$2.9050	\$2.9533
9/27/16	\$2.6900	\$2.7600	\$2.7900	\$2.8950	\$2.9800	\$3.0250	\$2.7000	\$2.8100	\$2.8400	\$2.7617	\$2.8500	\$2.8850
9/28/16	\$2.6900	\$2.7600	\$2.7900	\$2.8850	\$2.9500	\$2.9950	\$2.7000	\$2.8100	\$2.8400	\$2.7583	\$2.8400	\$2.8750
9/29/16	\$2.6900	\$2.7600	\$2.7900	\$2.8450	\$2.8850	\$2.9350	\$2.7000	\$2.8100	\$2.8400	\$2.7450	\$2.8183	\$2.8550
9/30/16	\$2.6900	\$2.7600	\$2.7900	\$2.7900	\$2.8550	\$2.9050	\$2.7000	\$2.8100	\$2.8400	\$2.7267	\$2.8083	\$2.8450
Avg Rate	\$2.6900	\$2.7600	\$2.7900	\$2.8175	\$2.8752	\$2.9198	\$2.7743	\$2.8577	\$2.9087	\$2.7606	\$2.8309	\$2.8728

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,448,190	\$4,010,166.46	\$3,997,889.41	(\$12,277.05)	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					(\$12,277.05)	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Sep-16

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0241853	9/1/16	9/1/16	TCO	WV	706	\$2.6750	\$1,888.56	\$158.86
	S	S0241855	9/1/16	9/1/16	TCO	WV	5,000	\$2.7000	\$13,500.00	\$125.00
	S	S0241856	9/1/16	9/1/16	TCO	WV	10,000	\$2.7000	\$27,000.00	\$250.00
	S	S0241963	9/1/16	9/1/16	TCO	WV	5,000	\$2.9000	\$14,500.00	\$250.00
	S	S0241971	9/1/16	9/1/16	TCO	WV	1,000	\$2.8950	\$2,895.00	\$45.00
	S	S0241985	9/1/16	9/1/16	TCO	WV	5,000	\$2.9400	\$14,700.00	\$450.00
	S	S0241986	9/1/16	9/1/16	TCO	WV	5,000	\$2.9400	\$14,700.00	\$450.00
	S	S0241997	9/1/16	9/1/16	TCO	WV	5,000	\$2.8750	\$14,375.00	\$125.00
	S	S0242000	9/1/16	9/1/16	TCO	WV	600	\$2.9175	\$1,750.50	\$40.50
	S	S0242081	9/1/16	9/1/16	TCO	WV	30,000	\$2.8900	\$86,700.00	\$600.00
	S	S0242126	9/1/16	9/1/16	TCO	WV	5,000	\$2.8500	\$14,250.00	\$37.50
		11					72,306		\$206,259.06	\$2,531.86

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Sep-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED		OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0240932	6/1/16	9/1/16	9/1/16	4	4	TCO	WV	75,000	\$0.0600	\$4,500.00	\$0.00	\$1,125.00	\$1,125.00
E	E	OPP	S0241474	9/1/16	8/1/16	9/1/16	2	2	TCO	WV	90,000	\$0.0800	\$7,200.00	\$0.00	\$3,600.00	\$3,600.00
E	E	OPP	S0241913		9/1/16	10/1/16	2	1	TCO	WV	31,000	\$0.1600	\$4,960.00	\$0.00	\$2,480.00	\$2,480.00
E	E	OPP	S0241924		9/1/16	10/1/16	2	1	TCO	WV	93,000	\$0.0900	\$8,370.00	\$0.00	\$4,185.00	\$4,185.00
E	E	OPP	S0242085		9/1/16	10/1/16	2	1	TCO	WV	93,000	\$0.1050	\$9,765.00	\$0.00	\$4,882.50	\$4,882.50
E	E	OPP	S0239667	4/1/16		12/1/16	9	6	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	5	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	4	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239668	4/1/16		1/1/17	10	6	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	5	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	4	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239669	4/1/16		2/1/17	11	6	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	5	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	4	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16		3/1/17	10	4	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	6	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
											1,739,500		\$773,882.50		\$94,635.42	\$94,635.42

OCTOBER 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Oct-16

<u>Ln.</u>	<u>PBR Component Description</u>	Oct-16	
1	CPS = (TPBR) x ASP	\$19,834.37	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$328,917.90</u>	50% of remainder
3	Total Company Performance Share	\$348,752.27	
4	TCI (includes Marketed CapR)	\$620,867.85	
5	GCI	\$7,875.40	
6	OSSI	\$5,296.71	
	Sales	\$5,296.71	
	Exch	\$89,910.42	(1)
7	TPBR = (TCI+GCI+OSSI)	\$723,950.38	
8	AGC (**Total Gas Cost)	\$3,305,728.77	
	Sys Supply Purch	\$1,395,638.81	
	Chesapeake	\$23,159.40	
	Misc Adjustment	\$0.00	
	Transportation	\$1,886,930.56	
9	2% of AGC	\$66,114.58	
10	PAC = (TPBR) / AGC	21.90%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Oct-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	190,880	\$6.0200	Demand Vol @ Max Rate	\$1,149,097.60
		TCO	81540	SST	30,000	\$6.0200	Demand Vol @ Max Rate	<u>\$180,600.00</u>
								\$1,639,221.32
						<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.65
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.0200		<u>\$6.02</u>
								\$1,018,353.47
							Total TCI	\$620,867.85

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Oct-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
10/1/16	\$2.7800	\$2.8700	\$2.9000	\$2.6050	\$2.7250	\$2.8000	\$2.7000	\$2.8100	\$2.8400	\$2.6950	\$2.8017	\$2.8467
10/2/16	\$2.7800	\$2.8700	\$2.9000	\$2.6050	\$2.7250	\$2.8000	\$2.7000	\$2.8100	\$2.8400	\$2.6950	\$2.8017	\$2.8467
10/3/16	\$2.7800	\$2.8700	\$2.9000	\$2.6050	\$2.7250	\$2.8000	\$2.7000	\$2.8100	\$2.8400	\$2.6950	\$2.8017	\$2.8467
10/4/16	\$2.7800	\$2.8700	\$2.9000	\$2.6300	\$2.7350	\$2.8050	\$2.7300	\$2.8200	\$2.9100	\$2.7133	\$2.8083	\$2.8717
10/5/16	\$2.7800	\$2.8700	\$2.9000	\$2.6700	\$2.7700	\$2.8350	\$2.7300	\$2.8200	\$2.9100	\$2.7267	\$2.8200	\$2.8817
10/6/16	\$2.7800	\$2.8700	\$2.9000	\$2.7300	\$2.8200	\$2.8650	\$2.7300	\$2.8200	\$2.9100	\$2.7467	\$2.8367	\$2.8917
10/7/16	\$2.7800	\$2.8700	\$2.9000	\$2.8100	\$2.8950	\$2.9550	\$2.7300	\$2.8200	\$2.9100	\$2.7733	\$2.8617	\$2.9217
10/8/16	\$2.7800	\$2.8700	\$2.9000	\$2.7550	\$2.8500	\$2.9100	\$2.7300	\$2.8200	\$2.9100	\$2.7550	\$2.8467	\$2.9067
10/9/16	\$2.7800	\$2.8700	\$2.9000	\$2.7550	\$2.8500	\$2.9100	\$2.7300	\$2.8200	\$2.9100	\$2.7550	\$2.8467	\$2.9067
10/10/16	\$2.7800	\$2.8700	\$2.9000	\$2.7550	\$2.8500	\$2.9100	\$2.7300	\$2.8200	\$2.9100	\$2.7550	\$2.8467	\$2.9067
10/11/16	\$2.7800	\$2.8700	\$2.9000	\$2.9950	\$3.0600	\$3.1050	\$2.9300	\$2.9800	\$3.0900	\$2.9017	\$2.9700	\$3.0317
10/12/16	\$2.7800	\$2.8700	\$2.9000	\$2.9550	\$3.0450	\$3.1000	\$2.9300	\$2.9800	\$3.0900	\$2.8883	\$2.9650	\$3.0300
10/13/16	\$2.7800	\$2.8700	\$2.9000	\$2.9750	\$3.0600	\$3.1150	\$2.9300	\$2.9800	\$3.0900	\$2.8950	\$2.9700	\$3.0350
10/14/16	\$2.7800	\$2.8700	\$2.9000	\$2.9300	\$3.0350	\$3.0950	\$2.9300	\$2.9800	\$3.0900	\$2.8800	\$2.9617	\$3.0283
10/15/16	\$2.7800	\$2.8700	\$2.9000	\$2.8800	\$2.9950	\$3.0850	\$2.9300	\$2.9800	\$3.0900	\$2.8633	\$2.9483	\$3.0250
10/16/16	\$2.7800	\$2.8700	\$2.9000	\$2.8800	\$2.9950	\$3.0850	\$2.9300	\$2.9800	\$3.0900	\$2.8633	\$2.9483	\$3.0250
10/17/16	\$2.7800	\$2.8700	\$2.9000	\$2.8800	\$2.9950	\$3.0850	\$2.9300	\$2.9800	\$3.0900	\$2.8633	\$2.9483	\$3.0250
10/18/16	\$2.7800	\$2.8700	\$2.9000	\$2.9150	\$3.0250	\$3.0850	\$2.7400	\$2.8200	\$2.8100	\$2.8117	\$2.9050	\$2.9317
10/19/16	\$2.7800	\$2.8700	\$2.9000	\$2.9550	\$3.0700	\$3.1450	\$2.7400	\$2.8200	\$2.8100	\$2.8250	\$2.9200	\$2.9517
10/20/16	\$2.7800	\$2.8700	\$2.9000	\$2.9100	\$3.0300	\$3.0800	\$2.7400	\$2.8200	\$2.8100	\$2.8100	\$2.9067	\$2.9300
10/21/16	\$2.7800	\$2.8700	\$2.9000	\$2.8950	\$2.9650	\$3.0000	\$2.7400	\$2.8200	\$2.8100	\$2.8050	\$2.8850	\$2.9033
10/22/16	\$2.7800	\$2.8700	\$2.9000	\$2.6950	\$2.7300	\$2.7550	\$2.7400	\$2.8200	\$2.8100	\$2.7383	\$2.8067	\$2.8217
10/23/16	\$2.7800	\$2.8700	\$2.9000	\$2.6950	\$2.7300	\$2.7550	\$2.7400	\$2.8200	\$2.8100	\$2.7383	\$2.8067	\$2.8217
10/24/16	\$2.7800	\$2.8700	\$2.9000	\$2.6950	\$2.7300	\$2.7550	\$2.7400	\$2.8200	\$2.8100	\$2.7383	\$2.8067	\$2.8217
10/25/16	\$2.7800	\$2.8700	\$2.9000	\$2.5800	\$2.6350	\$2.6650	\$2.4800	\$2.5600	\$2.6400	\$2.6133	\$2.6883	\$2.7350
10/26/16	\$2.7800	\$2.8700	\$2.9000	\$2.5150	\$2.5500	\$2.6350	\$2.4800	\$2.5600	\$2.6400	\$2.5917	\$2.6600	\$2.7250
10/27/16	\$2.7800	\$2.8700	\$2.9000	\$2.5100	\$2.6150	\$2.6550	\$2.4800	\$2.5600	\$2.6400	\$2.5900	\$2.6817	\$2.7317
10/28/16	\$2.7800	\$2.8700	\$2.9000	\$2.5200	\$2.5950	\$2.6450	\$2.4800	\$2.5600	\$2.6400	\$2.5933	\$2.6750	\$2.7283
10/29/16	\$2.7800	\$2.8700	\$2.9000	\$2.4150	\$2.5400	\$2.6250	\$2.4800	\$2.5600	\$2.6400	\$2.5583	\$2.6567	\$2.7217
10/30/16	\$2.7800	\$2.8700	\$2.9000	\$2.4150	\$2.5400	\$2.6250	\$2.4800	\$2.5600	\$2.6400	\$2.5583	\$2.6567	\$2.7217
10/31/16	\$2.7800	\$2.8700	\$2.9000	\$2.4150	\$2.5400	\$2.6250	\$2.4800	\$2.5600	\$2.6400	\$2.5583	\$2.6567	\$2.7217
Avg Rate	\$2.7800	\$2.8700	\$2.9000	\$2.7273	\$2.8202	\$2.8810	\$2.7181	\$2.7965	\$2.8603	\$2.7418	\$2.8289	\$2.8804

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	511,900	\$1,395,638.81	\$1,403,514.21	\$7,875.40	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$7,875.40	

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Oct-16

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0242193	10/1/16	10/1/16	TCO	WV	6,000	\$2.7650	\$16,590.00	\$840.00
	S	S0242194	10/1/16	10/1/16	TCO	WV	6,000	\$2.7650	\$16,590.00	\$840.00
	S	S0242195	10/1/16	10/1/16	TCO	WV	6,000	\$2.7650	\$16,590.00	\$607.98
	S	S0242210	10/1/16	10/1/16	TCO	WV	3,300	\$2.8500	\$9,405.00	\$387.75
	S	S0242217	10/1/16	10/1/16	TCO	WV	10,000	\$2.8850	\$28,850.00	\$1,549.70
	S	S0242246	10/1/16	10/1/16	TCO	WV	900	\$2.7775	\$2,499.75	\$20.25
	S	S0242247	10/1/16	10/1/16	TCO	WV	15,000	\$2.7775	\$41,662.50	\$787.50
	S	S0242364	10/1/16	10/1/16	TCO	WV	9,000	\$2.9200	\$26,280.00	\$93.78
	S	S0242403	10/1/16	10/1/16	TCO	WV	10,000	\$2.9600	\$29,600.00	\$125.00
	S	S0242444	10/1/16	10/1/16	TCO	WV	5,700	\$2.8925	\$16,487.25	\$14.25
	S	S0242471	10/1/16	10/1/16	TCO	WV	6,100	\$2.5800	\$15,738.00	\$30.50
		11					78,000		\$220,292.50	\$5,296.71

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Oct-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0241913	10/1/16	9/1/16	10/1/16	2	2	TCO	WV	31,000	\$0.1600	\$4,960.00	\$0.00	\$2,480.00	\$2,480.00
E	E	OPP	S0241924	10/1/16	9/1/16	10/1/16	2	2	TCO	WV	93,000	\$0.0900	\$8,370.00	\$0.00	\$4,185.00	\$4,185.00
E	E	OPP	S0242085	10/1/16	9/1/16	10/1/16	2	2	TCO	WV	93,000	\$0.1050	\$9,765.00	\$0.00	\$4,882.50	\$4,882.50
E	E	OPP	S0239667	4/1/16		12/1/16	9	7	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	6	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	5	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239668	4/1/16		1/1/17	10	7	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	6	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	5	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239669	4/1/16		2/1/17	11	7	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	6	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	5	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16		3/1/17	10	5	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	7	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
14											1,574,500		\$762,182.50		\$89,910.42	\$89,910.42

NOVEMBER 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Nov-16

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Nov-16</u>	
1	CPS = (TPBR) x ASP	\$14,602.58	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$335,513.41</u>	50% of remainder
3	Total Company Performance Share	\$350,115.99	
4	TCI (includes Marketed CapR)	\$620,867.84	
5	GCI	(\$22,420.56)	
6	OSSI		
	Sales	\$42,891.90	
	Exch	\$78,362.92	(1)
7	TPBR = (TCI+GCI+OSSI)	\$719,702.10	
8	AGC (**Total Gas Cost)	\$2,433,763.81	
	Sys Supply Purch	\$509,557.50	
	Chesapeake	\$59,863.38	
	Misc Adjustment	\$0.00	
	Transportation	\$1,864,342.93	
9	2% of AGC	\$48,675.28	
10	PAC = (TPBR) / AGC	29.57%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Nov-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0955	Demand Vol @ Max Rate	\$309,548.32
		TCO	80160	SST	190,880	\$6.0200	Demand Vol @ Max Rate	\$1,149,097.60
		TCO	81540	SST	30,000	\$6.0200	Demand Vol @ Max Rate	<u>\$180,600.00</u>
								\$1,639,245.92
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5835	Demand Vol @ Disc Rate	\$93,989.26
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.0200		<u>\$6.02</u>
								\$1,018,378.08
							Total TCI	\$620,867.84

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Nov-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
11/1/16	\$2.5600	\$2.6500	\$2.7000	\$2.5650	\$2.6100	\$2.6350	\$2.0500	\$2.1300	\$2.1800	\$2.3917	\$2.4633	\$2.5050
11/2/16	\$2.5600	\$2.6500	\$2.7000	\$2.1950	\$2.3050	\$2.3150	\$2.0500	\$2.1300	\$2.1800	\$2.2683	\$2.3617	\$2.3983
11/3/16	\$2.5600	\$2.6500	\$2.7000	\$2.0700	\$2.1500	\$2.1900	\$2.0500	\$2.1300	\$2.1800	\$2.2267	\$2.3100	\$2.3567
11/4/16	\$2.5600	\$2.6500	\$2.7000	\$2.1250	\$2.2500	\$2.2850	\$2.0500	\$2.1300	\$2.1800	\$2.2450	\$2.3433	\$2.3883
11/5/16	\$2.5600	\$2.6500	\$2.7000	\$2.0200	\$2.0800	\$2.1050	\$2.0500	\$2.1300	\$2.1800	\$2.2100	\$2.2867	\$2.3283
11/6/16	\$2.5600	\$2.6500	\$2.7000	\$2.0200	\$2.0800	\$2.1050	\$2.0500	\$2.1300	\$2.1800	\$2.2100	\$2.2867	\$2.3283
11/7/16	\$2.5600	\$2.6500	\$2.7000	\$2.0200	\$2.0800	\$2.1050	\$2.0500	\$2.1300	\$2.1800	\$2.2100	\$2.2867	\$2.3283
11/8/16	\$2.5600	\$2.6500	\$2.7000	\$2.1300	\$2.2050	\$2.2300	\$1.9200	\$2.0100	\$2.0400	\$2.2033	\$2.2883	\$2.3233
11/9/16	\$2.5600	\$2.6500	\$2.7000	\$2.1600	\$2.2100	\$2.2200	\$1.9200	\$2.0100	\$2.0400	\$2.2133	\$2.2900	\$2.3200
11/10/16	\$2.5600	\$2.6500	\$2.7000	\$2.0700	\$2.1250	\$2.1350	\$1.9200	\$2.0100	\$2.0400	\$2.1833	\$2.2617	\$2.2917
11/11/16	\$2.5600	\$2.6500	\$2.7000	\$1.9200	\$1.9650	\$1.9550	\$1.9200	\$2.0100	\$2.0400	\$2.1333	\$2.2083	\$2.2317
11/12/16	\$2.5600	\$2.6500	\$2.7000	\$1.8600	\$1.9400	\$1.9650	\$1.9200	\$2.0100	\$2.0400	\$2.1133	\$2.2000	\$2.2350
11/13/16	\$2.5600	\$2.6500	\$2.7000	\$1.8600	\$1.9400	\$1.9650	\$1.9200	\$2.0100	\$2.0400	\$2.1133	\$2.2000	\$2.2350
11/14/16	\$2.5600	\$2.6500	\$2.7000	\$1.8600	\$1.9400	\$1.9650	\$1.9200	\$2.0100	\$2.0400	\$2.1133	\$2.2000	\$2.2350
11/15/16	\$2.5600	\$2.6500	\$2.7000	\$2.0900	\$2.1600	\$2.1850	\$2.3500	\$2.4100	\$2.3900	\$2.3333	\$2.4067	\$2.4250
11/16/16	\$2.5600	\$2.6500	\$2.7000	\$2.3100	\$2.3900	\$2.4850	\$2.3500	\$2.4100	\$2.3900	\$2.4067	\$2.4833	\$2.5250
11/17/16	\$2.5600	\$2.6500	\$2.7000	\$2.3550	\$2.4250	\$2.4100	\$2.3500	\$2.4100	\$2.3900	\$2.4217	\$2.4950	\$2.5000
11/18/16	\$2.5600	\$2.6500	\$2.7000	\$2.1300	\$2.2100	\$2.2150	\$2.3500	\$2.4100	\$2.3900	\$2.3467	\$2.4233	\$2.4350
11/19/16	\$2.5600	\$2.6500	\$2.7000	\$2.4150	\$2.5000	\$2.5150	\$2.3500	\$2.4100	\$2.3900	\$2.4417	\$2.5200	\$2.5350
11/20/16	\$2.5600	\$2.6500	\$2.7000	\$2.4150	\$2.5000	\$2.5150	\$2.3500	\$2.4100	\$2.3900	\$2.4417	\$2.5200	\$2.5350
11/21/16	\$2.5600	\$2.6500	\$2.7000	\$2.4150	\$2.5000	\$2.5150	\$2.3500	\$2.4100	\$2.3900	\$2.4417	\$2.5200	\$2.5350
11/22/16	\$2.5600	\$2.6500	\$2.7000	\$2.6600	\$2.7150	\$2.7500	\$2.5700	\$2.6900	\$2.6700	\$2.5967	\$2.6850	\$2.7067
11/23/16	\$2.5600	\$2.6500	\$2.7000	\$2.5950	\$2.6500	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5750	\$2.6633	\$2.6833
11/24/16	\$2.5600	\$2.6500	\$2.7000	\$2.5600	\$2.6400	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5633	\$2.6600	\$2.6833
11/25/16	\$2.5600	\$2.6500	\$2.7000	\$2.5600	\$2.6400	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5633	\$2.6600	\$2.6833
11/26/16	\$2.5600	\$2.6500	\$2.7000	\$2.5600	\$2.6400	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5633	\$2.6600	\$2.6833
11/27/16	\$2.5600	\$2.6500	\$2.7000	\$2.5600	\$2.6400	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5633	\$2.6600	\$2.6833
11/28/16	\$2.5600	\$2.6500	\$2.7000	\$2.5600	\$2.6400	\$2.6800	\$2.5700	\$2.6900	\$2.6700	\$2.5633	\$2.6600	\$2.6833
11/29/16	\$2.5600	\$2.6500	\$2.7000	\$2.7200	\$2.8300	\$2.8800	\$3.1100	\$3.1700	\$3.3100	\$2.7967	\$2.8833	\$2.9633
11/30/16	\$2.5600	\$2.6500	\$2.7000	\$2.8350	\$2.9550	\$3.0200	\$3.1100	\$3.1700	\$3.3100	\$2.8350	\$2.9250	\$3.0100
Avg Rate	\$2.5600	\$2.6500	\$2.7000	\$2.2872	\$2.3638	\$2.3915	\$2.2817	\$2.3673	\$2.3860	\$2.3763	\$2.4604	\$2.4925

Pipeline	Reg Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	205,000	\$509,557.50	\$487,136.94	(\$22,420.56)
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					(\$22,420.56)

COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report

Nov-16

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
I	S	S0242743	11/1/16	11/1/16	TCO	WV	10,000	\$2.2950	\$22,950.00	\$1,375.20
I	S	S0242768	11/1/16	11/1/16	TCO	WV	65,000	\$2.3000	\$149,500.00	\$17,652.70
I	S	S0242834	11/1/16	11/1/16	TCO	WV	7,500	\$2.6850	\$20,137.50	\$5,437.50
I	S	S0242836	11/1/16	11/1/16	TCO	WV	2,500	\$2.6850	\$6,712.50	\$1,812.50
I	S	S0242837	11/1/16	11/1/16	TCO	WV	4,500	\$2.6850	\$12,082.50	\$3,262.50
I	S	S0242629	11/1/16	11/1/16	TCO	WV	5,000	\$2.1800	\$10,900.00	\$175.00
I	S	S0242742	11/1/16	11/1/16	TCO	WV	5,000	\$2.3075	\$11,537.50	\$237.50
I	S	S0242630	11/1/16	11/1/16	TCO	WV	800	\$2.1800	\$1,744.00	\$32.00
I	S	S0242721	11/1/16	11/1/16	TCO	WV	5,000	\$2.1050	\$10,525.00	\$375.00
I	S	S0242722	11/1/16	11/1/16	TCO	WV	5,000	\$2.1050	\$10,525.00	\$375.00
I	S	S0242723	11/1/16	11/1/16	TCO	WV	3,500	\$2.1050	\$7,367.50	\$262.50
I	S	S0242724	11/1/16	11/1/16	TCO	WV	1,500	\$2.1050	\$3,157.50	\$112.50
I	S	S0242646	11/1/16	11/1/16	TCO	WV	8,000	\$2.1400	\$17,120.00	\$1,680.00
I	S	S0242739	11/1/16	11/1/16	TCO	WV	5,000	\$2.1600	\$10,800.00	\$62.50
I	S	S0242761	11/1/16	11/1/16	TCO	WV	500	\$2.3250	\$1,162.50	\$92.50
I	S	S0242921	11/1/16	11/1/16	TCO	WV	5,000	\$2.7450	\$13,725.00	\$1,249.50
I	S	S0242925	11/1/16	11/1/16	TCO	WV	5,000	\$2.7450	\$13,725.00	\$1,249.50
I	S	S0242942	11/1/16	11/1/16	TCO	WV	5,000	\$2.8050	\$14,025.00	\$1,549.50
I	S	S0242943	11/1/16	11/1/16	TCO	WV	5,000	\$2.8100	\$14,050.00	\$1,574.50
I	S	S0242944	11/1/16	11/1/16	TCO	WV	5,000	\$2.8100	\$14,050.00	\$1,574.50
I	S	S0242976	11/1/16	11/1/16	TCO	WV	5,000	\$3.0450	\$15,225.00	\$2,749.50
							21	158,800	\$381,021.50	\$42,891.90

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Nov-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0239667	4/1/16		12/1/16	9	8	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239671	5/1/16		12/1/16	8	7	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16		12/1/16	7	6	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239668	4/1/16		1/1/17	10	8	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16		1/1/17	9	7	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	6	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239669	4/1/16		2/1/17	11	8	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16		2/1/17	10	7	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	6	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16		3/1/17	10	6	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	8	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
11											1,357,500		\$739,087.50		\$78,362.92	\$78,362.92

DECEMBER 2016

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Dec-16

<u>Ln.</u>	<u>PBR Component Description</u>	Dec-16	
1	CPS = (TPBR) x ASP	\$23,608.85	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$330,241.54</u>	50% of remainder
3	Total Company Performance Share	\$353,850.39	
4	TCI (includes Marketed CapR)	\$608,940.37	
5	GCI	\$51,875.95	
6	OSSI		
	Sales	\$0.00	
	Exch	\$78,362.92	(1)
7	TPBR = (TCI+GCI+OSSI)	\$739,179.24	
8	AGC (**Total Gas Cost)	\$3,934,808.20	
	Sys Supply Purch	\$1,874,649.50	
	Chesapeake	\$140,040.42	
	Misc Adjustment	\$0.00	
	Transportation	\$1,920,118.28	
9	2% of AGC	\$78,696.16	
10	PAC = (TPBR) / AGC	18.79%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Dec-16

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0955	Demand Vol @ Max Rate	\$309,548.32
		TCO	80160	SST	190,880	\$5.9660	Demand Vol @ Max Rate	\$1,138,790.08
		TCO	81540	SST	30,000	\$5.9660	Demand Vol @ Max Rate	<u>\$178,980.00</u>
								\$1,627,318.40
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5835	Demand Vol @ Disc Rate	\$93,989.26
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		1	\$6.0200		<u>\$5.97</u>
								\$1,018,378.03
							Total TCI	\$608,940.37

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Dec-16

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			Benchmark Rate by P/L		
							TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
12/1/16	\$3.0700	\$3.1300	\$3.1700	\$3.1350	\$3.2200	\$3.2400	\$3.1100	\$3.1700	\$3.3100	\$3.1050	\$3.1733	\$3.2400
12/2/16	\$3.0700	\$3.1300	\$3.1700	\$3.1900	\$3.2800	\$3.3400	\$3.1100	\$3.1700	\$3.3100	\$3.1233	\$3.1933	\$3.2733
12/3/16	\$3.0700	\$3.1300	\$3.1700	\$3.2150	\$3.2900	\$3.3400	\$3.1100	\$3.1700	\$3.3100	\$3.1317	\$3.1967	\$3.2733
12/4/16	\$3.0700	\$3.1300	\$3.1700	\$3.2150	\$3.2900	\$3.3400	\$3.1100	\$3.1700	\$3.3100	\$3.1317	\$3.1967	\$3.2733
12/5/16	\$3.0700	\$3.1300	\$3.1700	\$3.2150	\$3.2900	\$3.3400	\$3.1100	\$3.1700	\$3.3100	\$3.1317	\$3.1967	\$3.2733
12/6/16	\$3.0700	\$3.1300	\$3.1700	\$3.4050	\$3.4800	\$3.5200	\$3.5500	\$3.6300	\$3.6500	\$3.3417	\$3.4133	\$3.4467
12/7/16	\$3.0700	\$3.1300	\$3.1700	\$3.4800	\$3.5800	\$3.6000	\$3.5500	\$3.6300	\$3.6500	\$3.3667	\$3.4467	\$3.4733
12/8/16	\$3.0700	\$3.1300	\$3.1700	\$3.5700	\$3.6700	\$3.7050	\$3.5500	\$3.6300	\$3.6500	\$3.3967	\$3.4767	\$3.5083
12/9/16	\$3.0700	\$3.1300	\$3.1700	\$3.5000	\$3.5900	\$3.6200	\$3.5500	\$3.6300	\$3.6500	\$3.3733	\$3.4500	\$3.4800
12/10/16	\$3.0700	\$3.1300	\$3.1700	\$3.5750	\$3.6600	\$3.6900	\$3.5500	\$3.6300	\$3.6500	\$3.3983	\$3.4733	\$3.5033
12/11/16	\$3.0700	\$3.1300	\$3.1700	\$3.5750	\$3.6600	\$3.6900	\$3.5500	\$3.6300	\$3.6500	\$3.3983	\$3.4733	\$3.5033
12/12/16	\$3.0700	\$3.1300	\$3.1700	\$3.5750	\$3.6600	\$3.6900	\$3.5500	\$3.6300	\$3.6500	\$3.3983	\$3.4733	\$3.5033
12/13/16	\$3.0700	\$3.1300	\$3.1700	\$3.3850	\$3.4600	\$3.4750	\$3.3000	\$3.4200	\$3.4300	\$3.2517	\$3.3367	\$3.3583
12/14/16	\$3.0700	\$3.1300	\$3.1700	\$3.3950	\$3.5100	\$3.5100	\$3.3000	\$3.4200	\$3.4300	\$3.2550	\$3.3533	\$3.3700
12/15/16	\$3.0700	\$3.1300	\$3.1700	\$3.3700	\$3.4650	\$3.4700	\$3.3000	\$3.4200	\$3.4300	\$3.2467	\$3.3383	\$3.3567
12/16/16	\$3.0700	\$3.1300	\$3.1700	\$3.3950	\$3.4800	\$3.4800	\$3.3000	\$3.4200	\$3.4300	\$3.2550	\$3.3433	\$3.3600
12/17/16	\$3.0700	\$3.1300	\$3.1700	\$3.2000	\$3.3650	\$3.3800	\$3.3000	\$3.4200	\$3.4300	\$3.1900	\$3.3050	\$3.3267
12/18/16	\$3.0700	\$3.1300	\$3.1700	\$3.2000	\$3.3650	\$3.3800	\$3.3000	\$3.4200	\$3.4300	\$3.1900	\$3.3050	\$3.3267
12/19/16	\$3.0700	\$3.1300	\$3.1700	\$3.2000	\$3.3650	\$3.3800	\$3.3000	\$3.4200	\$3.4300	\$3.1900	\$3.3050	\$3.3267
12/20/16	\$3.0700	\$3.1300	\$3.1700	\$3.5100	\$3.4650	\$3.4750	\$3.3600	\$3.4800	\$3.4400	\$3.3133	\$3.3583	\$3.3617
12/21/16	\$3.0700	\$3.1300	\$3.1700	\$3.1900	\$3.2600	\$3.2750	\$3.3600	\$3.4800	\$3.4400	\$3.2067	\$3.2900	\$3.2950
12/22/16	\$3.0700	\$3.1300	\$3.1700	\$3.3400	\$3.4250	\$3.4250	\$3.3600	\$3.4800	\$3.4400	\$3.2567	\$3.3450	\$3.3450
12/23/16	\$3.0700	\$3.1300	\$3.1700	\$3.3750	\$3.4650	\$3.4850	\$3.3600	\$3.4800	\$3.4400	\$3.2683	\$3.3583	\$3.3650
12/24/16	\$3.0700	\$3.1300	\$3.1700	\$3.3800	\$3.4850	\$3.5050	\$3.3600	\$3.4800	\$3.4400	\$3.2700	\$3.3650	\$3.3717
12/25/16	\$3.0700	\$3.1300	\$3.1700	\$3.3800	\$3.4850	\$3.5050	\$3.3600	\$3.4800	\$3.4400	\$3.2700	\$3.3650	\$3.3717
12/26/16	\$3.0700	\$3.1300	\$3.1700	\$3.3800	\$3.4850	\$3.5050	\$3.3600	\$3.4800	\$3.4400	\$3.2700	\$3.3650	\$3.3717
12/27/16	\$3.0700	\$3.1300	\$3.1700	\$3.3800	\$3.4850	\$3.5050	\$3.4300	\$3.5500	\$3.5800	\$3.2933	\$3.3883	\$3.4183
12/28/16	\$3.0700	\$3.1300	\$3.1700	\$3.3500	\$3.4750	\$3.5400	\$3.4300	\$3.5500	\$3.5800	\$3.2833	\$3.3850	\$3.4300
12/29/16	\$3.0700	\$3.1300	\$3.1700	\$3.3950	\$3.4850	\$3.5350	\$3.4300	\$3.5500	\$3.5800	\$3.2983	\$3.3883	\$3.4283
12/30/16	\$3.0700	\$3.1300	\$3.1700	\$3.4800	\$3.5550	\$3.6000	\$3.4300	\$3.5500	\$3.5800	\$3.3267	\$3.4117	\$3.4500
12/31/16	\$3.0700	\$3.1300	\$3.1700	\$3.4800	\$3.5550	\$3.6000	\$3.4300	\$3.5500	\$3.5800	\$3.3267	\$3.4117	\$3.4500
Avg Rate	\$3.0700	\$3.1300	\$3.1700	\$3.3689	\$3.4615	\$3.4885	\$3.3603	\$3.4616	\$3.4868	\$3.2664	\$3.3510	\$3.3818

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	589,800	\$1,874,649.50	\$1,926,521.45	\$51,871.95	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$51,871.95	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Dec-16

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0239671	5/1/16	12/1/16	12/1/16	8	8	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$8,525.00	\$8,525.00
E	E	OPP	S0239856	6/1/16	12/1/16	12/1/16	7	7	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$7,030.36	\$7,030.36
E	E	OPP	S0239667	4/1/16	12/1/16	12/1/16	9	9	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$8,611.11	\$8,611.11
E	E	OPP	S0239672	5/1/16		1/1/17	9	8	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16		1/1/17	8	7	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239668	4/1/16		1/1/17	10	9	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239673	5/1/16		2/1/17	10	8	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16		2/1/17	9	7	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239669	4/1/16		2/1/17	11	9	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239859	6/1/16		3/1/17	10	7	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	9	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
11											1,357,500		\$739,087.50		\$78,362.92	\$78,362.92

JANUARY 2017

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Jan-17

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Jan-17</u>	
1	CPS = (TPBR) x ASP	\$19,283.21	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$289,258.51</u>	50% of remainder
3	Total Company Performance Share	\$308,541.72	
4	TCI (includes Marketed CapR)	\$608,946.34	
5	GCI	(\$28,752.15)	
6	OSSI		
	Sales	\$8,403.75	
	Exch	\$54,196.45	(1)
7	TPBR = (TCI+GCI+OSSI)	\$642,794.39	
8	AGC (**Total Gas Cost)	\$3,213,868.79	
	Sys Supply Purch	\$1,112,824.00	
	Chesapeake	\$185,302.47	
	Misc Adjustment	\$0.00	
	Transportation	\$1,915,742.32	
9	2% of AGC	\$64,277.38	
10	PAC = (TPBR) / AGC	20.00%	

Acronyms:

CPS = Company Performance Share

TPBR = Total Performance Based Results

ASP = Applicable Sharing Percentage

PAC = Percent of Actual Gas Costs

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Jan-17

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0955	Demand Vol @ Max Rate	\$309,548.32
		TCO	80160	SST	190,880	\$5.9660	Demand Vol @ Max Rate	\$1,138,790.08
		TCO	81540	SST	30,000	\$5.9660	Demand Vol @ Max Rate	<u>\$178,980.00</u>
								\$1,627,318.40
CKY COST	(TATC)	Tenn	308956	FTA	20,506	<u>Disc Rate</u> \$4.5835	Demand Vol @ Disc Rate	\$93,989.26
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>
								\$1,018,372.06
							Total TCI	\$608,946.34

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Jan-17

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			Benchmark Rate by P/L		
							TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
1/1/17	\$3.7300	\$3.8400	\$3.8800	\$3.4650	\$3.5450	\$3.5350	\$3.4300	\$3.5500	\$3.5800	\$3.5417	\$3.6450	\$3.6650
1/2/17	\$3.7300	\$3.8400	\$3.8800	\$3.4650	\$3.5450	\$3.5350	\$3.4300	\$3.5500	\$3.5800	\$3.5417	\$3.6450	\$3.6650
1/3/17	\$3.7300	\$3.8400	\$3.8800	\$3.4650	\$3.5450	\$3.5350	\$3.2300	\$3.3100	\$3.2900	\$3.4750	\$3.5650	\$3.5683
1/4/17	\$3.7300	\$3.8400	\$3.8800	\$3.2000	\$3.2950	\$3.3050	\$3.2300	\$3.3100	\$3.2900	\$3.3867	\$3.4817	\$3.4917
1/5/17	\$3.7300	\$3.8400	\$3.8800	\$3.1750	\$3.2600	\$3.2600	\$3.2300	\$3.3100	\$3.2900	\$3.3783	\$3.4700	\$3.4767
1/6/17	\$3.7300	\$3.8400	\$3.8800	\$3.1050	\$3.2000	\$3.2350	\$3.2300	\$3.3100	\$3.2900	\$3.3550	\$3.4500	\$3.4683
1/7/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2500	\$3.2750	\$3.2300	\$3.3100	\$3.2900	\$3.3750	\$3.4667	\$3.4817
1/8/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2500	\$3.2750	\$3.2300	\$3.3100	\$3.2900	\$3.3750	\$3.4667	\$3.4817
1/9/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2500	\$3.2750	\$3.2300	\$3.3100	\$3.2900	\$3.3750	\$3.4667	\$3.4817
1/10/17	\$3.7300	\$3.8400	\$3.8800	\$2.9200	\$3.0050	\$3.0550	\$3.1300	\$3.1600	\$3.2000	\$3.2600	\$3.3350	\$3.3783
1/11/17	\$3.7300	\$3.8400	\$3.8800	\$3.0050	\$3.1100	\$3.1400	\$3.1300	\$3.1600	\$3.2000	\$3.2883	\$3.3700	\$3.4067
1/12/17	\$3.7300	\$3.8400	\$3.8800	\$3.0550	\$3.1550	\$3.1850	\$3.1300	\$3.1600	\$3.2000	\$3.3050	\$3.3850	\$3.4217
1/13/17	\$3.7300	\$3.8400	\$3.8800	\$3.1500	\$3.2250	\$3.2400	\$3.1300	\$3.1600	\$3.2000	\$3.3367	\$3.4083	\$3.4400
1/14/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2200	\$3.2600	\$3.1300	\$3.1600	\$3.2000	\$3.3417	\$3.4067	\$3.4467
1/15/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2200	\$3.2600	\$3.1300	\$3.1600	\$3.2000	\$3.3417	\$3.4067	\$3.4467
1/16/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2200	\$3.2600	\$3.1300	\$3.1600	\$3.2000	\$3.3417	\$3.4067	\$3.4467
1/17/17	\$3.7300	\$3.8400	\$3.8800	\$3.1650	\$3.2200	\$3.2600	\$3.0900	\$3.1100	\$3.1500	\$3.3283	\$3.3900	\$3.4300
1/18/17	\$3.7300	\$3.8400	\$3.8800	\$3.1050	\$3.1850	\$3.2200	\$3.0900	\$3.1100	\$3.1500	\$3.3083	\$3.3783	\$3.4167
1/19/17	\$3.7300	\$3.8400	\$3.8800	\$3.0500	\$3.1250	\$3.1550	\$3.0900	\$3.1100	\$3.1500	\$3.2900	\$3.3583	\$3.3950
1/20/17	\$3.7300	\$3.8400	\$3.8800	\$3.0200	\$3.0800	\$3.1200	\$3.0900	\$3.1100	\$3.1500	\$3.2800	\$3.3433	\$3.3833
1/21/17	\$3.7300	\$3.8400	\$3.8800	\$2.9950	\$3.0900	\$3.1150	\$3.0900	\$3.1100	\$3.1500	\$3.2717	\$3.3467	\$3.3817
1/22/17	\$3.7300	\$3.8400	\$3.8800	\$2.9950	\$3.0900	\$3.1150	\$3.0900	\$3.1100	\$3.1500	\$3.2717	\$3.3467	\$3.3817
1/23/17	\$3.7300	\$3.8400	\$3.8800	\$2.9950	\$3.0900	\$3.1150	\$3.0900	\$3.1100	\$3.1500	\$3.2717	\$3.3467	\$3.3817
1/24/17	\$3.7300	\$3.8400	\$3.8800	\$2.9550	\$3.0350	\$3.0550	\$3.0700	\$3.1500	\$3.1800	\$3.2517	\$3.3417	\$3.3717
1/25/17	\$3.7300	\$3.8400	\$3.8800	\$3.0450	\$3.1300	\$3.1550	\$3.0700	\$3.1500	\$3.1800	\$3.2817	\$3.3733	\$3.4050
1/26/17	\$3.7300	\$3.8400	\$3.8800	\$3.0750	\$3.1550	\$3.1800	\$3.0700	\$3.1500	\$3.1800	\$3.2917	\$3.3817	\$3.4133
1/27/17	\$3.7300	\$3.8400	\$3.8800	\$3.2150	\$3.3150	\$3.3450	\$3.0700	\$3.1500	\$3.1800	\$3.3383	\$3.4350	\$3.4683
1/28/17	\$3.7300	\$3.8400	\$3.8800	\$3.0650	\$3.1650	\$3.2000	\$3.0700	\$3.1500	\$3.1800	\$3.2883	\$3.3850	\$3.4200
1/29/17	\$3.7300	\$3.8400	\$3.8800	\$3.0650	\$3.1650	\$3.2000	\$3.0700	\$3.1500	\$3.1800	\$3.2883	\$3.3850	\$3.4200
1/30/17	\$3.7300	\$3.8400	\$3.8800	\$3.0650	\$3.1650	\$3.2000	\$3.0700	\$3.1500	\$3.1800	\$3.2883	\$3.3850	\$3.4200
1/31/17	\$3.7300	\$3.8400	\$3.8800	\$3.0050	\$3.0800	\$3.1000	\$2.8900	\$2.9500	\$3.0200	\$3.2083	\$3.2900	\$3.3333
Avg Rate	\$3.7300	\$3.8400	\$3.8800	\$3.1229	\$3.2060	\$3.2311	\$3.1416	\$3.1987	\$3.2232	\$3.3315	\$3.4149	\$3.4448

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	325,400	\$1,112,824.00	\$1,084,071.85	(\$28,752.15)	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					(\$28,752.15)	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Jan-17

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
	S	S0243434	1/1/17	1/1/17	TCO	WV	10,000	\$3.1200	\$31,200.00	\$175.00
	S	S0243436	1/1/17	1/1/17	TCO	WV	400	\$3.1425	\$1,257.00	\$16.00
	S	S0243445	1/1/17	1/1/17	TCO	WV	5,000	\$3.1425	\$15,712.50	\$452.00
	S	S0243456	1/1/17	1/1/17	TCO	WV	70,000	\$3.1950	\$223,650.00	\$1,682.80
	S	S0243581	1/1/17	1/1/17	TCO	WV	5,000	\$3.2100	\$16,050.00	\$50.00
	S	S0243582	1/1/17	1/1/17	TCO	WV	6,500	\$3.2100	\$20,865.00	\$65.00
	S	S0243613	1/1/17	1/1/17	TCO	WV	10,000	\$3.0675	\$30,675.00	\$875.00
	S	S0243391	1/1/17	1/1/17	TCO	WV	4,900	\$2.9875	\$14,638.75	\$306.25
	S	S0243393	1/1/17	1/1/17	TCO	WV	700	\$2.9875	\$2,091.25	\$45.25
	S	S0243397	1/1/17	1/1/17	TCO	WV	5,100	\$3.0400	\$15,504.00	\$232.00
	S	S0243398	1/1/17	1/1/17	TCO	WV	1,200	\$3.0400	\$3,648.00	\$57.00
	S	S0243402	1/1/17	1/1/17	TCO	WV	6,500	\$3.1600	\$20,540.00	\$373.75
	S	S0243403	1/1/17	1/1/17	TCO	WV	6,500	\$3.1600	\$20,540.00	\$373.75
	S	S0243404	1/1/17	1/1/17	TCO	WV	6,500	\$3.1600	\$20,540.00	\$373.75
	S	S0243405	1/1/17	1/1/17	TCO	WV	6,500	\$3.1600	\$20,540.00	\$373.75
	S	S0243406	1/1/17	1/1/17	TCO	WV	5,000	\$3.0400	\$15,200.00	\$238.75
	S	S0243430	1/1/17	1/1/17	TCO	WV	10,000	\$3.1000	\$31,000.00	\$1,573.70
	S	S0243431	1/1/17	1/1/17	TCO	WV	10,000	\$3.1000	\$31,000.00	\$1,140.00
		18					169,800		\$534,651.50	\$8,403.75

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Jan-17

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0239668	4/1/16	1/1/17	1/1/17	10	10	TCO	WV	155,000	\$0.5000	\$77,500.00	\$0.00	\$7,750.00	\$7,750.00
E	E	OPP	S0239672	5/1/16	1/1/17	1/1/17	9	9	TCO	WV	155,000	\$0.4400	\$68,200.00	\$0.00	\$7,577.78	\$7,577.78
E	E	OPP	S0239857	6/1/16	1/1/17	1/1/17	8	8	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$6,151.56	\$6,151.56
E	E	OPP	S0239669	4/1/16	2/1/17	2/1/17	11	10	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16	2/1/17	2/1/17	10	9	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16	2/1/17	2/1/17	9	8	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16	3/1/17	3/1/17	10	8	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16	3/1/17	3/1/17	12	10	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
8											970,000		\$544,175.00		\$54,196.45	\$54,196.45

FEBRUARY 2017

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Feb-17

<u>Ln.</u>	<u>PBR Component Description</u>	Feb-17	
1	CPS = (TPBR) x ASP	\$12,653.36	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$331,571.28</u>	50% of remainder
3	Total Company Performance Share	\$344,224.64	
4	TCI (includes Marketed CapR)	\$670,923.31	
5	GCI	\$0.00	
6	OSSI		
		Sales \$1,680.00	
		Exch \$32,717.11	(1)
7	TPBR = (TCI+GCI+OSSI)	\$705,320.42	
8	AGC (**Total Gas Cost)	\$2,108,893.48	
	Sys Supply Purch	\$0.00	
	Chesapeake	\$181,358.24	
	Misc Adjustment	\$0.00	
	Transportation	\$1,927,535.24	
9	2% of AGC	\$42,177.87	
10	PAC = (TPBR) / AGC	33.45%	

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Feb-17

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Estimate</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0955	Demand Vol @ Max Rate	\$309,548.32
		TCO	80160	SST	190,880	\$6.2580	Demand Vol @ Max Rate	\$1,194,527.04
		TCO	81540	SST	30,000	\$6.2580	Demand Vol @ Max Rate	<u>\$187,740.00</u>
								\$1,691,815.36
						<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5835	Demand Vol @ Disc Rate	\$93,989.25
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
Marketed Cap Release		CGT	FTS-1		3,000	\$0.8400		\$2,520.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>
								\$1,020,892.05
							Total TCI	\$670,923.31

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Feb-17

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
2/1/17	\$3.1600	\$3.2800	\$3.3100	\$2.8850	\$2.9200	\$2.9150	\$2.8900	\$2.9500	\$3.0200	\$2.9783	\$3.0500	\$3.0817
2/2/17	\$3.1600	\$3.2800	\$3.3100	\$2.9550	\$3.0100	\$3.0200	\$2.8900	\$2.9500	\$3.0200	\$3.0017	\$3.0800	\$3.1167
2/3/17	\$3.1600	\$3.2800	\$3.3100	\$2.9450	\$3.0150	\$3.0200	\$2.8900	\$2.9500	\$3.0200	\$2.9983	\$3.0817	\$3.1167
2/4/17	\$3.1600	\$3.2800	\$3.3100	\$2.8500	\$2.9000	\$2.8950	\$2.8900	\$2.9500	\$3.0200	\$2.9667	\$3.0433	\$3.0750
2/5/17	\$3.1600	\$3.2800	\$3.3100	\$2.8500	\$2.9000	\$2.8950	\$2.8900	\$2.9500	\$3.0200	\$2.9667	\$3.0433	\$3.0750
2/6/17	\$3.1600	\$3.2800	\$3.3100	\$2.8500	\$2.9000	\$2.8950	\$2.8900	\$2.9500	\$3.0200	\$2.9667	\$3.0433	\$3.0750
2/7/17	\$3.1600	\$3.2800	\$3.3100	\$2.7650	\$2.8000	\$2.8200	\$2.8000	\$2.8300	\$2.8700	\$2.9083	\$2.9700	\$3.0000
2/8/17	\$3.1600	\$3.2800	\$3.3100	\$2.8700	\$2.9300	\$2.9200	\$2.8000	\$2.8300	\$2.8700	\$2.9433	\$3.0133	\$3.0333
2/9/17	\$3.1600	\$3.2800	\$3.3100	\$2.8900	\$2.9800	\$2.9800	\$2.8000	\$2.8300	\$2.8700	\$2.9500	\$3.0300	\$3.0533
2/10/17	\$3.1600	\$3.2800	\$3.3100	\$2.9250	\$2.9600	\$3.0000	\$2.8000	\$2.8300	\$2.8700	\$2.9617	\$3.0233	\$3.0600
2/11/17	\$3.1600	\$3.2800	\$3.3100	\$2.7350	\$2.7950	\$2.8100	\$2.8000	\$2.8300	\$2.8700	\$2.8983	\$2.9683	\$2.9967
2/12/17	\$3.1600	\$3.2800	\$3.3100	\$2.7350	\$2.7950	\$2.8100	\$2.8000	\$2.8300	\$2.8700	\$2.8983	\$2.9683	\$2.9967
2/13/17	\$3.1600	\$3.2800	\$3.3100	\$2.7350	\$2.7950	\$2.8100	\$2.8000	\$2.8300	\$2.8700	\$2.8983	\$2.9683	\$2.9967
2/14/17	\$3.1600	\$3.2800	\$3.3100	\$2.7600	\$2.8000	\$2.8100	\$2.5700	\$2.6400	\$2.6800	\$2.8300	\$2.9067	\$2.9333
2/15/17	\$3.1600	\$3.2800	\$3.3100	\$2.6600	\$2.7900	\$2.8000	\$2.5700	\$2.6400	\$2.6800	\$2.8033	\$2.9033	\$2.9300
2/16/17	\$3.1600	\$3.2800	\$3.3100	\$2.7450	\$2.7950	\$2.8200	\$2.5700	\$2.6400	\$2.6800	\$2.8250	\$2.9050	\$2.9367
2/17/17	\$3.1600	\$3.2800	\$3.3100	\$2.6350	\$2.6850	\$2.6950	\$2.5700	\$2.6400	\$2.6800	\$2.7883	\$2.8683	\$2.8950
2/18/17	\$3.1600	\$3.2800	\$3.3100	\$2.5000	\$2.6100	\$2.6250	\$2.5700	\$2.6400	\$2.6800	\$2.7433	\$2.8433	\$2.8717
2/19/17	\$3.1600	\$3.2800	\$3.3100	\$2.5000	\$2.6100	\$2.6250	\$2.5700	\$2.6400	\$2.6800	\$2.7433	\$2.8433	\$2.8717
2/20/17	\$3.1600	\$3.2800	\$3.3100	\$2.5000	\$2.6100	\$2.6250	\$2.5700	\$2.6400	\$2.6800	\$2.7433	\$2.8433	\$2.8717
2/21/17	\$3.1600	\$3.2800	\$3.3100	\$2.5000	\$2.6100	\$2.6250	\$2.3300	\$2.4600	\$2.4900	\$2.6633	\$2.7833	\$2.8083
2/22/17	\$3.1600	\$3.2800	\$3.3100	\$2.2750	\$2.4100	\$2.4250	\$2.3300	\$2.4600	\$2.4900	\$2.5883	\$2.7167	\$2.7417
2/23/17	\$3.1600	\$3.2800	\$3.3100	\$2.2800	\$2.4100	\$2.4300	\$2.3300	\$2.4600	\$2.4900	\$2.5900	\$2.7167	\$2.7433
2/24/17	\$3.1600	\$3.2800	\$3.3100	\$2.3450	\$2.4100	\$2.4800	\$2.3300	\$2.4600	\$2.4900	\$2.6117	\$2.7167	\$2.7600
2/25/17	\$3.1600	\$3.2800	\$3.3100	\$2.2950	\$2.3500	\$2.3900	\$2.3300	\$2.4600	\$2.4900	\$2.5950	\$2.6967	\$2.7300
2/26/17	\$3.1600	\$3.2800	\$3.3100	\$2.2950	\$2.3500	\$2.3900	\$2.3300	\$2.4600	\$2.4900	\$2.5950	\$2.6967	\$2.7300
2/27/17	\$3.1600	\$3.2800	\$3.3100	\$2.2950	\$2.3500	\$2.3900	\$2.3300	\$2.4600	\$2.4900	\$2.5950	\$2.6967	\$2.7300
2/28/17	\$3.1600	\$3.2800	\$3.3100	\$2.3050	\$2.3750	\$2.4150	\$2.3600	\$2.4500	\$2.5100	\$2.6083	\$2.7017	\$2.7450
Avg Rate	\$3.1600	\$3.2800	\$3.3100	\$2.6393	\$2.7095	\$2.7263	\$2.6286	\$2.7021	\$2.7468	\$2.8093	\$2.8972	\$2.9277

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	0	\$0.00	\$0.00	\$0.00
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$0.00

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Feb-17

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
I	S	S0243616	2/1/17	2/1/17	TCO	WV	168,000	\$3.1210	\$524,328.00	\$1,680.00
							168,000		\$524,328.00	\$1,680.00

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Feb-17

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS INTERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
											VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0239669	4/1/16	2/1/17	2/1/17	11	11	TCO	WV	140,000	\$0.5000	\$70,000.00	\$0.00	\$6,363.64	\$6,363.64
E	E	OPP	S0239673	5/1/16	2/1/17	2/1/17	10	10	TCO	WV	140,000	\$0.4400	\$61,600.00	\$0.00	\$6,160.00	\$6,160.00
E	E	OPP	S0239858	6/1/16	2/1/17	2/1/17	9	9	TCO	WV	70,000	\$0.6350	\$44,450.00	\$0.00	\$4,938.89	\$4,938.89
E	E	OPP	S0239859	6/1/16		3/1/17	10	9	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16		3/1/17	12	11	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
5											582,500		\$349,262.50		\$32,717.11	\$32,717.11

MARCH 2017

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Mar-17

<u>Ln.</u>	<u>PBR Component Description</u>		Mar-17	
1	CPS = (TPBR) x ASP		\$12,387.29	30% of first 2% of AGC
2	CPS = (TPBR) x ASP		<u>\$325,845.57</u>	50% of remainder
3	Total Company Performance Share		\$338,232.87	
4	TCI (includes Marketed CapR)		\$673,443.31	
5	GCI		\$0.00	
6	OSSI	Sales	\$4,284.24	
		Exch	\$15,254.58	(1)
7	TPBR = (TCI+GCI+OSSI)		\$692,982.13	
8	AGC (**Total Gas Cost)		\$2,064,549.05	
		Sys Supply Purch	\$0.00	
		Chesapeake	\$142,647.12	
		Misc Adjustment	\$0.00	
		Transportation	\$1,921,901.93	
9	2% of AGC		\$41,290.98	
10	PAC = (TPBR) / AGC		33.57%	

Acronyms:

CPS = Company Performance Share
 TPBR = Total Performance Based Results
 ASP = Applicable Sharing Percentage
 PAC = Percent of Actual Gas Costs
 AGC = Actual Gas Costs
 TCI = Transportation Cost Incentive
 OSSI = Off-System Sales Incentive
 GCI = Gas Cost Incentive

**Total Gas Cost = System Supply Purchase + Transportation Costs

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Mar-17

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Estimate</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0955	Demand Vol @ Max Rate	\$309,548.32
		TCO	80160	SST	190,880	\$6.2580	Demand Vol @ Max Rate	\$1,194,527.04
		TCO	81540	SST	30,000	\$6.2580	Demand Vol @ Max Rate	\$187,740.00
								\$1,691,815.36
						<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5835	Demand Vol @ Disc Rate	\$93,989.25
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
								\$1,018,372.05
							Total TCI	\$673,443.31

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Mar-17

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
3/1/17	\$2.3800	\$2.5000	\$2.5400	\$2.3350	\$2.4250	\$2.4550	\$2.3600	\$2.4500	\$2.5100	\$2.3583	\$2.4583	\$2.5017
3/2/17	\$2.3800	\$2.5000	\$2.5400	\$2.4250	\$2.5050	\$2.5350	\$2.3600	\$2.4500	\$2.5100	\$2.3883	\$2.4850	\$2.5283
3/3/17	\$2.3800	\$2.5000	\$2.5400	\$2.4150	\$2.4950	\$2.5500	\$2.3600	\$2.4500	\$2.5100	\$2.3850	\$2.4817	\$2.5333
3/4/17	\$2.3800	\$2.5000	\$2.5400	\$2.3750	\$2.4650	\$2.5250	\$2.3600	\$2.4500	\$2.5100	\$2.3717	\$2.4717	\$2.5250
3/5/17	\$2.3800	\$2.5000	\$2.5400	\$2.3750	\$2.4650	\$2.5250	\$2.3600	\$2.4500	\$2.5100	\$2.3717	\$2.4717	\$2.5250
3/6/17	\$2.3800	\$2.5000	\$2.5400	\$2.3750	\$2.4650	\$2.5250	\$2.3600	\$2.4500	\$2.5100	\$2.3717	\$2.4717	\$2.5250
3/7/17	\$2.3800	\$2.5000	\$2.5400	\$2.5300	\$2.5950	\$2.6300	\$2.8000	\$2.7800	\$2.7500	\$2.5700	\$2.6250	\$2.6400
3/8/17	\$2.3800	\$2.5000	\$2.5400	\$2.4600	\$2.5300	\$2.5550	\$2.8000	\$2.7800	\$2.7500	\$2.5467	\$2.6033	\$2.6150
3/9/17	\$2.3800	\$2.5000	\$2.5400	\$2.5650	\$2.6400	\$2.6600	\$2.8000	\$2.7800	\$2.7500	\$2.5817	\$2.6400	\$2.6500
3/10/17	\$2.3800	\$2.5000	\$2.5400	\$2.7200	\$2.7700	\$2.7750	\$2.8000	\$2.7800	\$2.7500	\$2.6333	\$2.6833	\$2.6883
3/11/17	\$2.3800	\$2.5000	\$2.5400	\$2.8450	\$2.8900	\$2.9100	\$2.8000	\$2.7800	\$2.7500	\$2.6750	\$2.7233	\$2.7333
3/12/17	\$2.3800	\$2.5000	\$2.5400	\$2.8450	\$2.8900	\$2.9100	\$2.8000	\$2.7800	\$2.7500	\$2.6750	\$2.7233	\$2.7333
3/13/17	\$2.3800	\$2.5000	\$2.5400	\$2.8450	\$2.8900	\$2.9100	\$2.8000	\$2.7800	\$2.7500	\$2.6750	\$2.7233	\$2.7333
3/14/17	\$2.3800	\$2.5000	\$2.5400	\$2.9950	\$2.9850	\$2.9900	\$2.8100	\$2.7900	\$2.7900	\$2.7283	\$2.7583	\$2.7733
3/15/17	\$2.3800	\$2.5000	\$2.5400	\$2.9850	\$2.9550	\$2.9800	\$2.8100	\$2.7900	\$2.7900	\$2.7250	\$2.7483	\$2.7700
3/16/17	\$2.3800	\$2.5000	\$2.5400	\$2.9150	\$2.9250	\$2.9450	\$2.8100	\$2.7900	\$2.7900	\$2.7017	\$2.7383	\$2.7583
3/17/17	\$2.3800	\$2.5000	\$2.5400	\$2.7450	\$2.7700	\$2.7950	\$2.8100	\$2.7900	\$2.7900	\$2.6450	\$2.6867	\$2.7083
3/18/17	\$2.3800	\$2.5000	\$2.5400	\$2.7100	\$2.7350	\$2.7550	\$2.8100	\$2.7900	\$2.7900	\$2.6333	\$2.6750	\$2.6950
3/19/17	\$2.3800	\$2.5000	\$2.5400	\$2.7100	\$2.7350	\$2.7550	\$2.8100	\$2.7900	\$2.7900	\$2.6333	\$2.6750	\$2.6950
3/20/17	\$2.3800	\$2.5000	\$2.5400	\$2.7100	\$2.7350	\$2.7550	\$2.8100	\$2.7900	\$2.7900	\$2.6333	\$2.6750	\$2.6950
3/21/17	\$2.3800	\$2.5000	\$2.5400	\$2.7950	\$2.8500	\$2.8700	\$2.7800	\$2.8500	\$2.8800	\$2.6517	\$2.7333	\$2.7633
3/22/17	\$2.3800	\$2.5000	\$2.5400	\$2.9200	\$2.9800	\$2.9950	\$2.7800	\$2.8500	\$2.8800	\$2.6933	\$2.7767	\$2.8050
3/23/17	\$2.3800	\$2.5000	\$2.5400	\$2.8450	\$2.8900	\$2.9200	\$2.7800	\$2.8500	\$2.8800	\$2.6683	\$2.7467	\$2.7800
3/24/17	\$2.3800	\$2.5000	\$2.5400	\$2.7400	\$2.8300	\$2.8550	\$2.7800	\$2.8500	\$2.8800	\$2.6333	\$2.7267	\$2.7583
3/25/17	\$2.3800	\$2.5000	\$2.5400	\$2.7300	\$2.8350	\$2.8750	\$2.7800	\$2.8500	\$2.8800	\$2.6300	\$2.7283	\$2.7650
3/26/17	\$2.3800	\$2.5000	\$2.5400	\$2.7300	\$2.8350	\$2.8750	\$2.7800	\$2.8500	\$2.8800	\$2.6300	\$2.7283	\$2.7650
3/27/17	\$2.3800	\$2.5000	\$2.5400	\$2.7300	\$2.8350	\$2.8750	\$2.7800	\$2.8500	\$2.8800	\$2.6300	\$2.7283	\$2.7650
3/28/17	\$2.3800	\$2.5000	\$2.5400	\$2.7900	\$2.8700	\$2.9200	\$2.9100	\$2.9500	\$2.9800	\$2.6933	\$2.7733	\$2.8133
3/29/17	\$2.3800	\$2.5000	\$2.5400	\$2.8100	\$2.8750	\$2.9050	\$2.9100	\$2.9500	\$2.9800	\$2.7000	\$2.7750	\$2.8083
3/30/17	\$2.3800	\$2.5000	\$2.5400	\$2.8950	\$2.9750	\$3.0000	\$2.9100	\$2.9500	\$2.9800	\$2.7283	\$2.8083	\$2.8400
3/31/17	\$2.3800	\$2.5000	\$2.5400	\$2.9000	\$2.9800	\$2.9950	\$2.9100	\$2.9500	\$2.9800	\$2.7300	\$2.8033	\$2.8383
Avg Rate	\$2.3800	\$2.5000	\$2.5400	\$2.7021	\$2.7613	\$2.7911	\$2.7268	\$2.7661	\$2.7716	\$2.5905	\$2.6593	\$2.6872

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	0	\$0.00	\$0.00	\$0.00	
CGT	ML	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$0.00	

COLUMBIA GAS OF KENTUCKY
Off-System Sales - SALES Activity Booking Report
Mar-17

DATA * STATUS	SALES TYPE **	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
							VOLUMES INVOICED Dth	SALES RATE \$/Dth	TOTAL SALE \$	
E	S	S0244207	3/1/17	3/1/17	TCO	WV	10,000	\$2.9400	\$29,400.00	\$925.50
E	S	S0244210	3/1/17	3/1/17	TCO	WV	10,000	\$2.9400	\$29,400.00	\$750.00
E	S	S0244215	3/1/17	3/1/17	TCO	WV	5,000	\$2.9400	\$14,700.00	\$400.00
E	S	S0244217	3/1/17	3/1/17	TCO	WV	5,200	\$2.9600	\$15,392.00	\$988.00
E	S	S0244223	3/1/17	3/1/17	TCO	WV	1,900	\$2.7475	\$5,220.25	\$33.25
E	S	S0244224	3/1/17	3/1/17	TCO	WV	8,100	\$2.7475	\$22,254.75	\$105.22
E	S	S0244226	3/1/17	3/1/17	TCO	WV	3,400	\$2.7475	\$9,341.50	\$59.50
E	S	S0244227	3/1/17	3/1/17	TCO	WV	6,600	\$2.7475	\$18,133.50	\$130.22
E	S	S0244255	3/1/17	3/1/17	TCO	WV	4,100	\$2.7775	\$11,387.75	\$205.00
E	S	S0244292	3/1/17	3/1/17	TCO	WV	5,000	\$2.8200	\$14,100.00	\$25.00
E	S	S0244293	3/1/17	3/1/17	TCO	WV	15,000	\$2.8250	\$42,375.00	\$156.30
E	S	S0244294	3/1/17	3/1/17	TCO	WV	10,000	\$2.8200	\$28,200.00	\$75.00
E	S	S0244304	3/1/17	3/1/17	TCO	WV	7,500	\$2.8700	\$21,525.00	\$431.25
13							91,800		\$261,429.75	\$4,284.24

COLUMBIA GAS OF KENTUCKY
Off-System Sales - EXCHANGE Activity Report
Mar-17

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE OF SALE	Sales Amounts			Current Month Proration		
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
E	E	OPP	S0239859	6/1/16	3/1/17	3/1/17	10	10	TCO	WV	77,500	\$0.6350	\$49,212.50	\$0.00	\$4,921.25	\$4,921.25
E	E	OPP	S0240234	4/1/16	3/1/17	3/1/17	12	12	TCO	WV	155,000	\$0.8000	\$124,000.00	\$0.00	\$10,333.33	\$10,333.33
			2								232,500		\$173,212.50		\$15,254.58	\$15,254.58