

P.O. Box 14241 Lexington, KY 40512-4241

May 13, 2016

Mr. Aaron Greenwell Acting Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, KY 40602

RECEIVED

MAY 1 3 2016 PUBLIC SERVICE COMMISSION

Re: Case No. 2016-00166 and Case No. 2014-00350

Dear Mr. Greenwell,

Columbia Gas of Kentucky Inc., ("Columbia") hereby submits an original and six (6) copies of supplemental information regarding the calculation of its PBR Rate Adjustment.

The attached monthly reports provide the savings of each of the individual components and a monthly summary. The reports are for the period April 2015 through March 2016. These reports are the supporting documentation for Schedule 6 of Columbia's Application in Case No. 2016-00166.

The three individual components of Columbia's PBR are: 1) the Gas Cost Incentive which measures Columbia's actual gas cost on a monthly basis against benchmark cost during the same period; 2) the Transportation Cost Incentive which compares Columbia's actual transportation costs to benchmark transportation costs, and; 3) the Off-System Sales Incentive.

Columbia has sought to generate savings under each of the three components. The activity under the Gas Cost Incentive and Off-System Sales Incentive was heavily influenced by warmer than normal weather in the winter months. The Transportation Cost Incentive is attributable to Columbia's negotiation of pipeline discounts and savings opportunities were less weather sensitive.

Please contact me at 859-288-02242 or <u>jmcoop@nisource.com</u> if you have any questions. Thank you.

Very truly yours,

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Judy M. Cooper

# APRIL 2015

### Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Apr-15

<u>Ln.</u> 1 2 3	<u>PBR Component Descrip</u> CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Perform		<b>Apr-15</b> \$32,857.77 <u>\$241,872.46</u> <b>\$274,730.22</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marketed	CapR)	\$438,336.42		
5	GCI		\$153,248.38		
6	OSSI	Sales	\$756.00		
		Exch	\$930.00	(1)	
7	TPBR = (TCI+GCI+OSSI)		\$593,270.80		
8	AGC (**Total Gas Cost)		\$5,476,294.21		
	Sys S	Supply Purch	\$3,992,501.48		
	•	apeake	\$73,925.46		
		Adjustment	\$21,672.03		
		sportation	\$1,388,195.24		
9	2% of AGC		\$109,525.88		
10	PAC = (TPBR) / AGC		10.80%		
CPS TPBI ASP PAC AGC TCI =	enyms: = Company Performance R = Total Performance Ba = Applicable Sharing Per = Percent of Actual Gas = Actual Gas Costs = Transportation Cost Ince I = Off-System Sales Ince	ased Results centage Costs centive	**Total Gas Cost =	: Syst	em Supply Purchase + Trans

GCI = Gas Cost Incentive

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

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

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Flow Month: Apr-15

BENCHMARK Less: Marketed	(TBTC) CapR	<u>Pipeline</u> Tenn TCO TCO TCO	Contract <u>Number</u> 308955 80160 81540 81540	Rate <u>Sched</u> FTA SST SST SST	<u>P/L MDQ</u> 20,506 95,440 15,000 0	<u>Max Rate</u> \$15.5810 \$5.9390 \$5.9390 \$5.9390	<u>Calculation Description</u> Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate	<u>Actual</u> \$319,503.99 \$566,818.16 \$89,085.00 <u>\$0.00</u> \$975,407.15
CKY COST	(TATC)	Tenn TCO TCO	308956 80160 81540	FTA SST SST	20,506 95,440 15,000	<u>Disc Rate</u> \$4.6028 \$4.1850 \$4.1850	Demand Vol @ Disc Rate Demand Vol @ Disc Rate Demand Vol @ Disc Rate	\$94,385.02 \$399,416.40 \$62,775.00
Less: Marketed	Capacity F	Release			0	\$19,505.69	Mrktd Cap Rel Revenue	<u>(\$19,505.69)</u> \$537,070.73
							TCI Contr Disc Amount	\$438,336.42
							Marketed Cap Release	\$0.00
							Total TCI	5438 336 42

- TBTC Total Benchmark Transportation Cost (from Transportation Closing Report)
- TATC Total Actual Transportation Cost (from Transportation Closing Report)
- TCI Transportation Cost Incentive

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							·v	Veekly Spot Prid		Welah	ted Avg Calc	ulated
Flow		nside FERC		S. P. Statistics	Gas Daily	ALC: NOT		ral Gas Week (N			hmark Rate b	
Date	TGO P10	CGT Main	TGP 500	S TCO9210	CGT Main	TGP 5001	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
	·		• • •		e Alexan		1	(Rayne)				
4/1/15	\$2.4800	\$2.5100	\$2.5400	\$2.5850	\$2.5650	\$2,6150	\$2.5200	\$2.5800	\$2.5200	\$2.5283	\$2,5517	\$2.5917
4/2/15	\$2.4800	\$2.5100	\$2.5400	\$2.520020	\$2.5500	S2.5750	\$2.5200	\$2,5800	\$2,6200	\$2.5067	\$2,5467	\$2.5783
4/3/15	\$2.4800	\$2.5100	\$2.5400	\$2.5200	\$2.5550	\$2.6200 JE O	\$2.5200	\$2.5800	\$2.6200	\$2,5067	\$2.5483	\$2.5933
4/4/15	\$2.4800	\$2.5100	\$2.5400	3:\$2:5200	\$2.5550 p-	\$2.6200	\$2.5200	\$2.5800	\$2,6200	\$2,5067	\$2,5483	\$2,5933
4/5/15	\$2.4800	\$2.5100	\$2.5400	\$2.5200	Art 1\$2.5550	\$2.6200	\$2.5200	\$2.5800	\$2.6200	\$2.5067	\$2.5483	\$2.5933
4/6/15	\$2.4800	\$2.5100	\$2.5400	£1\$2.5200	\$2.5550	\$\$1\$2.6200 H	\$2.5200	\$2.5800	\$2,6200	\$2,5067	\$2.5483	\$2.5933
4/7/15	\$2,4800	\$2,5100	\$2.5400	\$2.5100	\$2.5500.	S2 5950	\$2.4600	\$2.4900	\$2,5500	\$2,4833	\$2.5167	\$2.5617
4/8/15	\$2.4800	\$2.5100	\$2.5400	\$2.5200,4	\$2.5750	\$2.6500	\$2.4600	\$2,4900	\$2,5500	\$2,4867	\$2.5250	\$2.5800
4/9/15	\$2,4800	\$2.5100	\$2.5400	\$2.54003	\$2.5850	S2.6350	\$2.4600	\$2,4900	\$2,5500	\$2,4933	\$2.5283	\$2.5750
4/10/15	\$2.4800	\$2.5100	\$2.5400	\$2.5200	3. \$2.5500 AV	\$2.5750	\$2,4600	\$2.4900	\$2.5500	\$2,4867	\$2.5167	\$2.5550
4/11/15	\$2.4800	\$2.5100	\$2.5400	\$2.4400	\$2.4600	\$2.5000	\$2,4600	\$2.4900	\$2,5500	\$2,4600	\$2,4867	\$2.5300
4/12/15	\$2,4800	\$2.5100	\$2.5400	\$2.4400	\$2.4600	20. S2.5000	\$2,4600	\$2,4900	\$2,5500	\$2,4600	\$2,4867	\$2.5300
4/13/15	\$2.4800	\$2.5100	\$2.5400	<b>\$2:4400</b>	\$2,4600	\$2.5000	\$2.4600	\$2,4900	\$2.5500	\$2,4600	\$2.4867	\$2,5300
4/14/15	\$2.4800	\$2.5100	\$2,5400	\$2,4300	\$2,4550	\$2,4800	\$2.5000	\$2.5500	\$2.6000	\$2,4700	\$2,5050	\$2.5400
4/15/15	\$2,4800	\$2.5100	\$2.5400	\$2.4400	11: \$2.4700 -	\$2.4950 S2.4950	\$2.5000	\$2.5500	\$2,6000	\$2,4733	\$2.5100	\$2.5450
4/16/15	\$2.4800	\$2.5100	\$2.5400	\$2'45507	\$2.4850	\$2:5350	\$2.5000	\$2.5500	\$2,6000	\$2,4783	\$2.5150	\$2,5583
4/17/15	\$2.4800	\$2.5100	\$2.5400	\$\$2,4400	\$ 2.5100	\$2.5400 Here	\$2.5000	\$2.5500	\$2,6000	\$2,4733	\$2.5233	\$2.5600
4/18/15	\$2.4800	\$2.5100	\$2.5400	\$2,5250	\$2.5750	\$2,6100	\$2,5000	\$2.5500	\$2,6000	\$2,5017	\$2.5450	\$2.5833
4/19/15	\$2.4800	\$2.5100	\$2.5400	\$2.5250	\$2.5750	\$2,6100	\$2.5000	\$2.5500	\$2,6000	\$2.5017	\$2.5450	\$2.5833
4/20/15	\$2,4800	\$2.5100	\$2.5400	\$2:5250	\$2.5750	\$2.6100	\$2.5000	\$2,5500	\$2,6000	\$2,5017	\$2,5450	\$2.5833
4/21/15	\$2.4800	\$2.5100	\$2,5400	\$2,4450	\$ 1 \$2,4600	\$2,4950	\$2.5100	\$2,4900	\$2.5000	\$2,4783	\$2,4867	\$2.5117
4/22/15	\$2.4800	\$2.5100	\$2.5400	\$2.5000	\$\$\$\$2.5100	\$2.5250	\$2.5100	\$2,4900	\$2.5000	\$2.4967	\$2,5033	\$2.5217
4/23/15	\$2.4800	\$2.5100	\$2.5400	+ \$2.5450 a	1, 1\$2.5350	\$2.5450	\$2.5100	\$2,4900	\$2,5000	\$2.5117	\$2.5117	\$2.5283
4/24/15	\$2,4800	\$2.5100	\$2.5400	C \$2.5200	\$ <b>\$2,4900</b>	\$2.5050	\$2.5100	\$2.4900	\$2.5000	\$2.5033	\$2.4967	\$2.5150
4/25/15	\$2,4800	\$2.5100	\$2.5400	\$2.5100	\$3,4900	SS \$2,4950	\$2,5100	\$2.4900	\$2,5000	\$2,5000	\$2,4967	\$2.5117
4/26/15	\$2.4800	\$2.5100	\$2.5400	\$2.5100	\$2,4900	35 S2 4950	\$2.5100	\$2.4900	\$2,5000	\$2,5000	\$2,4967	\$2.5117
4/27/15	\$2,4800	\$2.5100	\$2.5400	¥\$2.5100	\$2,4900	190\$2.4950	\$2.5100	\$2,4900	\$2,5000	\$2,5000	\$2,4967	\$2.5117
4/28/15	\$2.4800	\$2.5100		\$\$2,4300	10/\$2:4200	\$2,4500	\$2.5800	\$2.5900	\$2.6200	\$2,4967	\$2.5067	\$2,5367
4/29/15	\$2.4800	\$2.5100	\$2.5400	\$2,4650 3	1 1-1-\$2.4600	\$2,4850	\$2.5800	\$2.5900	\$2.6200	\$2.5083	\$2.5200	\$2,5483
4/30/15	\$2.4800	\$2.5100	\$2.5400	\$2.4700	\$2.4850	\$2.5100	\$2.5800	\$2.5900	\$2.6200	\$2.5100	\$2,5283	\$2.5567
			· .							•===••••		
Avg Rate	\$2.4800	\$2.5100	\$2.5400	\$2.4947	\$2.5150	\$2.5502	\$2.5050	\$2.5320	\$2.5710	\$2:4932 %	\$2:5190	\$2.553754

<u>Pipeline</u> TCO	<u>Rec Point</u> P10	Purchase <u>Volume</u> 1,662,808	Purchase <u>Cost</u> \$3,992,501,48	Benchmark <u>Cost</u> \$4,145,749.86	GC! Savings (Cost) \$153,248,38
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

#### COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report Apr-15

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•								<u>in an an</u>	ICED SALES AN Sales Amount	IOUNTS SEE	
	DATA * STAT <u>US</u>	SALES	SALES ID	RECEIPT FLOW <u>DATE</u>	DELIVERY FLOW <u>DATE</u>	DELIVERY <u>POINT</u>	STATE OF <u>SALE</u>	VOLUMES	SALES RATE	TOTAL SALE	MARGIN
	011/100	<u></u>	<u>or allo id</u>			<u>1 0.111</u>	01120	Dth	\$/Dth	\$	
1		S	S0236429	4/1/15	4/1/15	тсо	wv	200	\$2.6325	\$526.50	\$10.50
1		S	S0236430	4/1/15	4/1/15	TCO	WV	8,200	\$2.6325	\$21,586.50	\$430.50
1		S	S0236431	4/1/15	4/1/15	тсо	WV	1,600	\$2.6325	\$4,212.00	\$84.00
Ì		S	S0236432	4/1/15	4/1/15	тсо	WV	3,400	\$2.6325	\$8,950.50	\$178.50
Ì		S	S0236433	4/1/15	4/1/15	тсо	WV	1,000	\$2.6325	\$2,632.50	\$52.50
			5					14,400		\$37,908.00	\$756.00

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#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Apr-15

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											Sales Amounts			Current Month Proration		
				RECEIPT	DELIVERY		# OF	# OF		STATE						
DATA	SALES	EXCH		FLOW	FLOW	INVOICE	MONTHS	MONTHS	DELIVERY	OF		SALES	TOTAL	TRANSPORT	TOTAL	MONTHLY
STATUS	TYPE**	TYPE	SALES ID	DATE	DATE	MONTH	IN TERM	EXPIRED	POINT	SALE	VOLUMES	RATE	SALE	COST	SALE	MARGIN
											Dth	\$/Dth	\$			
E	E	OPP	S0236729	May-15	Apr-15	May-15	2	1	тсо	WV	31,000	\$0.0600	\$1,860.00	\$0.00	\$930.00	\$930.00
			1								31,000		\$1,860.00		\$930.00	\$930.00

# May 2015

## Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: May-15

<u>Ln.</u> 1 2 3	PBR Component Description CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Performance Sha	are	<b>May-15</b> \$34,640.90 \$174,358.68 <b>\$208,999.58</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marketed CapR)		\$421,266.37		
5	GCI		\$21,950.94		
6	OSSI	Sales	\$11,353.19		
		Exch	\$9,616.53	(1)	
7	TPBR = (TCI+GCI+OSSI)		\$464,187.03		
8	AGC (**Total Gas Cost)		\$5,773,483.97		
	Sys Supply Pu	irch	\$4,283,364.30		
	Chesapeake		\$32,597.76		
	Misc Adjustm	ent	\$0.00		
	Transportatio	on	\$1,457,521.91		
9	2% of AGC		\$115,469.68		
10	PAC = (TPBR) / AGC		7.68%		
CPS TPB ASP PAC	onyms: = Company Performance Share R = Total Performance Based Resu = Applicable Sharing Percentage C = Percent of Actual Gas Costs C = Actual Gas Costs	ılts	**Total Gas Cost =	: Syst	em Supply Purchase + Trans

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

(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-15

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				Rate				
		<u>Pipeline</u>	Contract	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.5810	Demand Vol @ Max Rate	\$319,503.99
		тсо	80160	SST	95,440	\$5.9610	Demand Vol @ Max Rate	\$568,917.84
		тсо	81540	SST	15,000	\$5.9610	Demand Vol @ Max Rate	<u>\$89,415.00</u>
								\$ <b>977,</b> 836.83
						<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.6028	Demand Vol @ Disc Rate	\$94,385.02
		TCO	80160	SST	95,440	\$4.1850	Demand Vol @ Disc Rate	\$399,416.40
		TCO	81540	SST 1	15,000	\$4.1850	Demand Vol @ Disc Rate	\$62,775.00
LESS: Marketed Ca	ap Release				1	\$5.6900		<u>(\$5.96)</u>
								\$556,570.46

Total TCI \$\$421,266:37

- 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: May-15

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ulated	IN PIL	TGP 500	\$2.5400	\$2.5883	\$2.5883	\$2.5883	\$2.6550	\$2.6650	\$2.6650	\$2.6717	\$2.6817	\$2.6817	\$2.6817	\$2.7583	\$2.7633	\$2.7617	\$2.7633	\$2.7933	\$2.7933	\$2.7933	\$2.7950	\$2.8183	\$2.7767	\$2.7567	\$2.7450	\$2.7450	\$2.7450	\$2.6850	\$2.6567	\$2.6567	\$2.6317	\$2.6317	\$2.6317	52.7003
Weighted Avg Calculated	Benchmark Rate by P/L	CGT Main	\$2,6100	\$2.5517	\$2.5517	\$2.5517	\$2.6050	\$2.6150	\$2.6133	\$2.6200	\$2.6233	\$2.6233	\$2.6233	\$2.7067	\$2.7100	\$2.7067	\$2.7100	\$2.7400	\$2.7400	\$2.7400	\$2.7617	\$2.7867	\$2.7567	\$2.7283	\$2.7150	\$2.7150	\$2.7150	\$2.6550	\$2.6250	\$2,6300	\$2.6083	\$2.6083	\$2.6083	1S2.6598 co
Welght	Bench	TCO P10	\$2.5067	\$2.5433	\$2.5433	\$2.5433	\$2.6200	\$2.6400	\$2.6367	\$2.6450	\$2,6517	\$2.6517	\$2.6517	\$2.7167	\$2.7183	\$2.7150	\$2.7150	\$2.7367	\$2.7367	\$2.7367	\$2.7383	\$2.7633	\$2.7400	\$2.7083	\$2.6867	\$2.6867	\$2.6867	\$2.6333	\$2.6083	\$2.6083	\$2.5650	\$2.5650	\$2.5650	US2(6537/4/ELS2,6598 (4/10) \$2,7003
	GWJ	TGP 500	\$2,6200	\$2,6200	\$2.6200	\$2.6200	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.9300	\$2.9300	\$2.9300	\$2.9300	\$2.9300	\$2.9300	\$2.9300	\$2,8900	\$2.8900	\$2,8900	\$2.8900	\$2.8900	\$2.8900	\$2.8900	\$2.7100	\$2.7100	\$2.7100	\$2.7100	\$2.7100	\$2.7100	\$2.8000
Weekly Spot Price	Natural Gas Week (NGW)	CGT Main	(Rayne) \$2.5900	\$2.5900	\$2.5900	\$2.5900	\$2.7000	\$2.7000	\$2.7000	\$2.7000	\$2,7000	\$2.7000	\$2.7000	\$2.8700	\$2.8700	\$2.8700	\$2.8700	\$2.8700	\$2.8700	\$2.8700	\$2.8800	\$2.8800	\$2.8800	\$2.8800	\$2.8800	\$2.8800	\$2.8800	\$2.7000	\$2.7000	\$2.7000	\$2.7000	\$2.7000	\$2.7000	\$2.7648
We	Natura	TCO P10	\$2,5800	\$2.5800	\$2,5800	\$2.5800	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.7600	\$2.8800	\$2,8800	\$2.8800	\$2.8800	\$2.6800	\$2.8800	\$2.6800	\$2.8300	\$2.8300	\$2.8300	\$2,8300	\$2.8300	\$2.8300	\$2.8300	\$2.6700	\$2.6700	\$2.6700	\$2.6700	\$2,6700	\$2.6700	\$2.7623
	31	265TGP 500 🗤 🛛	\$2.5100	\$2.6550	\$2.6550	\$2.6550	\$2.7150	\$2.7450	\$2.7450	\$2.7650	\$2.7950	\$2.7950	\$2.7950	\$2.8550	\$2.8700	\$2.8650	\$2.8700	\$2.9600	\$2.9600	\$2.9600	\$3.0050	\$3.0750	\$2.9500	\$2.8900	\$2.8550	\$2.8550	\$2.8550	\$2.8550	\$2,7700	\$2.7700	\$2.6950	\$2.6950	\$2.6950	\$2,8108
	🗤 🖓 🖓 🖓 🖓 🖓 🖓 🖓	※ TCO P10 ※17世 CGT Main → その約約TGP 500 × 22	Stubble	\$2.6250	\$2,6250	\$2,6250	\$2.6750	\$2.7050	\$2.7000	\$2.7200	\$2.7300	\$2.7300	\$2.7300	\$2.8100	\$2.8200	\$2.8100	\$2.8200	\$2.9100	\$2,9100	\$2,9100	\$2.9650	\$3.0400	\$2.9500	\$2.8650	\$2.8250	\$2.8250	\$2.8250	\$2.8250	\$2.7350	\$2.7500	\$2.6850	\$2.6850	\$2.6850	\$2.7747
	3 1 1 10 C	# TCO P10%1	いまた。 Souther - A Mailline Souther - A Mailline	\$2,6300	\$2,6300	\$2,6300	\$2,6800	\$2.7400	\$2,7300	\$2.7550	\$2.7760	\$2.7750	\$2.7750	\$2,8500	\$2.8550	\$2.8450	\$2.8450	\$2.9100	\$2.9100	\$2.9100	\$2.9650	\$3.0400	\$2,9700	\$2.8750	\$2.8100	\$2.8100	\$2.8100	\$2.8100	\$2.7350	\$2,7350	\$2.6050	\$2.6050	\$2.6050	\$2.7787
		TGP 500	52 4900	\$2,4900	\$2,4900	\$2,4900	\$2.4900	\$2.4900	\$2,4900	\$2,4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2,4900	\$2.4900	\$2.4900	\$2.4900	\$2,4900	\$2.4900	\$2,4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900	\$2,4900	\$2.4900	\$2.4900	\$2.4900	\$2.4900
		CGT Main	\$2 AADD	\$2.4400	\$2,4400	\$2,4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2,4400	\$2.4400	\$2.4400	\$2,4400	\$2.4400	\$2.4400	\$2.4400	\$2,4400	\$2,4400	\$2.4400	\$2,4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2.4400	\$2,4400	\$2.4400	\$2.4400
	nside FERC	TCO P10	0000	\$2.4200	\$2,4200	\$2,4200	\$2,4200	\$2.4200	\$2.4200	\$2,4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2,4200	\$2.4200	\$2,4200	\$2.4200	\$2.4200	\$2.4200	\$2,4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2,4200	\$2.4200	\$2.4200	\$2.4200
1	Flow	Date	EMAR	50/15	5/3/15	5/4/15	5/5/15	5/6/15	5//15	5/8/15	5/9/15	5/10/15	5/11/15	5/12/15	5/13/15	5/14/15	5/15/15	5/16/15	5/17/15	5/18/15	5/19/15	5/20/15	5/21/15	512275	5/23/15	5/24/15	5/25/15	5/26/15	5/27/15	5/28/15	5/29/15	5/30/15	5/31/15	Avg Rate

	<u>GCI Savinas (Coat)</u> \$21,950.94 \$0.00 \$0.00	\$21,950.94
	Benchmark <u>Cost</u> \$4,305,315.24 \$0.00 \$0.00	
Ipply) - ACTUAL	Purchase <u>Cost</u> \$4,283,364.30 \$0.00 \$0.00	
tygate System Su	Purchaso Volume 1,622,409 0	
ACTIVITY (Non-Ci	Rec.Point P10 M/L 500	
LY PURCHASE	Elpeline TCO CGT TENN	
MONTH		

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COLUMBIA GAS OF KENTUCKY

Off- System Sales - SALES Activity Booking Report May-15

may-15								ACCORATES AN	OUNTS de salas	T
								Sales Amount		
			RECEIPT	DELIVERY		STATE				MARGIN
DATA *	SALES		FLOW	FLOW	DELIVERY		VOLUMES	SALES	TOTAL	
STATUS	TYPE **	SALES ID	DATE	DATE	POINT	SALE .	INVOICED	RATE	SALE	
							Dth	\$/Dth	\$	
1	s	S0236925	5/1/15	5/1/15	тсо	wv	500	\$2.8475	\$1,423,75	\$2,50
i	s	S0236956	5/1/15	5/1/15		ŵv	19,300	\$2.9500	\$56,935,00	\$803.85
i	ŝ	S0236959	5/1/15	5/1/15		WV	20,000	\$2.9675	\$59,350.00	\$150.00
i	S	S0236960	5/1/15	5/1/15		WV	10,000	\$2.9675	\$29,675.00	\$75.00
1	S	S0236968	5/1/15	5/1/15	TCO	WV	10,000	\$3.0075	\$30,075,00	\$325.00
1	S S	S0236981	5/1/15	5/1/15	TCO	wv	10,000	\$3.0425	\$30,425.00	\$50.00
1	S	S0236982	5/1/15	5/1/15		WV	2,400	\$3.0425	\$7,302.00	\$12.19
1	<b>S</b> .	S0236983	5/1/15	5/1/15		WV	7,196	\$3.0450	\$21,911.82	\$71.96
1	S	\$0236988	5/1/15	5/1/15		wv	5,000	\$3.0525	\$15,262.50	\$87.50
1	S	S0236989	5/1/15	5/1/15		wv	100	\$3.0525	\$305.25	\$1.75
1	S S	S0236990	5/1/15	5/1/15		wv	10,000	\$3.0100	\$30,100.00	\$595.00
1	s	\$0236882	5/1/15	6/1/15		WV	14,100	\$2.8500	\$40,185.00	\$1,092.75
!	S	S0236883	5/1/15	5/1/15		wv	7,000	\$2.8200	\$19,740.00	\$420.00
!	S	S0236886	5/1/15	5/1/15		WV	10,000	\$2.8200	\$28,200.00	\$630,00
!	S	S0236887	5/1/15	5/1/15		WV	3,400	\$2.8200	\$9,588.00	\$221.00
-	S	S0236898	5/1/15	5/1/15		WV	5,000	\$2.8725	\$14,362.50	\$125.00
1	s s	S0236899 S0236901	5/1/15 5/1/15	5/1/15 5/1/15		wv wv	4,800 5,000	\$2.8725 \$2.8250	\$13,788.00 \$14,125.00	\$120.00 \$350.00
l l	S	S0236901 S0236902	5/1/15	5/1/15		wv	5,000	\$2.8250	\$14,123.00 \$14,150.00	\$375.00
1	5	S0236902	5/1/15	5/1/15		wv	5,000	\$2.8300 \$2.8300	\$14,150.00	\$375.00
l L	S	S0236903	5/1/15	5/1/15		wv	5,000	\$2.8475	\$14,522.25	\$25.50
1	S	S0236923 .	5/1/15	5/1/15		ŵv	1,700	\$2.8475	\$4,840.75	\$8.50
i	S	50236869	5/1/15	5/1/15		ŵv	15,000	\$2.8050	\$42,075.00	\$75.00
i	š	S0236870	5/1/15	5/1/15		wv	4,800	\$2.8050	\$13,464.00	\$168.00
i	š	50236871	5/1/15	5/1/15		wv	10,200	\$2.8050	\$28,611.00	\$51.00
i	s s	S0236872	5/1/15	5/1/15		WV	15,000	\$2.8050	\$42,075.00	\$75.00
1	S	50236875	5/1/15	5/1/15		wv	15,000	\$2.8100	\$42,150.00	\$273.00
i	S	S0236876	5/1/15	5/1/15		wv	15,000	\$2.8100	\$42,150.00	\$150.00
i	S	50236877	5/1/15	5/1/15		wv	15,000	\$2.8100	\$42,150.00	\$558.75
1	S	S0236878	5/1/15	5/1/15	тсо	WV	4,200	\$2.8150	\$11,823.00	\$178.50
1	S	S0236879	5/1/15	5/1/15		WV	15,000	\$2.8200	\$42,300.00	\$712.50
l I	S S	S0236880	5/1/15	5/1/15		wv	7,500	\$2.8500	\$21,375.00	\$412.50
l I	S	S0236881	5/1/15	5/1/15		WV	900	\$2.8500	\$2,565.00	\$69.75
[	S	SD236854	5/1/15	5/1/15		WV	10,000	\$2.7625	\$27,625.00	\$66.50
L	s	S0236855	5/1/15	5/1/15		WV	10,000	\$2.7625	\$27,625.00	\$75.00
l .	S	S0236856	5/1/15	5/1/15		WV	2,500	\$2.7625	\$6,906.25	\$18.75
1	S	S0236857	5/1/15	5/1/15		WV	5,000	\$2.7600	\$13,800.00	\$25.00
1	5	\$0236858 \$0236863	5/1/15 5/1/15	5/1/15 5/1/15		WV WV	10,000 32,700	\$2.7650 \$2.7725	\$27,650.00	\$100.00 \$95.16
1	5	S0236863 S0236864	5/1/15	5/1/15 5/1/15		wv	32,700	\$2.7725 \$2.7725	\$90,660.75 \$34,101.75	\$98.28
l r	S S S S S S S S	50236864 50236865	5/1/15	5/1/15		WV	12,300	\$2.7900	\$41,850.00	\$262.50
I I	s	S0236866	5/1/15	5/1/15		ŴV	15,000	\$2,7900	\$41,850,00	\$382.20
I I	S S	S0236867	5/1/15	5/1/15		ŵv	15,000	\$2.7900	\$41,850.00	\$262.50
ſ	s	S0236868	5/1/15	5/1/15		wv	15,000	\$2.7900	\$41,850.00	\$467.55
I I	s	S0236813	5/1/15	5/1/15		ŵv	2,800	\$2.5800	\$7,224.00	\$182.00
i	s	S0236836	5/1/15	5/1/15		ŵv	12,500	\$2.7400	\$34,250.00	\$31.25
i	S	S0236837	5/1/15	5/1/15		wv	10,000	\$2.7400	\$27,400.00	\$25.00
i	s	S0236838	5/1/15	5/1/15		WV	5,000	\$2.7500	\$13,750.00	\$350.00
1	S	S0236843	5/1/15	5/1/15		wv	7,500	\$2.7650	\$20,737.50	\$141.75
I	s	S0236844	5/1/15	5/1/15	тсо	WV	800	\$2,7500	\$2,200.00	\$4.00
1	S S	S0236847	5/1/15	5/1/15	тсо	WV	5,400	\$2.7600	\$14,904.00	\$13.50
1	S	S0236848	5/1/15	5/1/15	тсо	WV	5,000	\$2.7350	\$13,675.00	\$37.50
I.	S	S0236849	5/1/15	5/1/15	тсо	WV	5,000	\$2.7350	\$13,675.00	\$37.50
I	S	S0236852	5/1/15	5/1/15		WV	200	\$2.7650	\$553.00	\$4.00
I.	S	S0236853	5/1/15	5/1/15	TCO	wv	5,000	\$2.7500	\$13,750.00	\$31.75
		55					479,896		\$1,359,042.07	\$11,353.19

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# COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report May-15

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								[		Sales Amounts		Curre	ent Month Prora	tion	
DATA STATUS	SALES 5 TYPE**		SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE		# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	Monthly Margin
E	E	OPP	S0234974	May-15	Dec-15	8	1	тсо	wv	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	Ę	OPP	S0234975	May-15	Jan-16	9	1	TCO	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	Е	OPP	S0234976	May-15	Feb-16	10	1	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
E	E	OPP	S0236729	May-15	Apr-15	2	2	тсо	WV	31,000	\$0.0600	\$1,860.00	\$0.00	\$930.00	\$930.00
			4							486,000		\$79,210.00		\$9,616.53	\$9,616.53

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## JUNE 2015

## Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Jun-15

<u>Ln.</u> 1 2 3	PBR Component Description CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Performance Sha	re	Jun-15 \$25,870.36 <u>\$226,999.76</u> <b>\$252,870.12</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marketed CapR)		\$421,266.37		
5	GCI		\$107,021.75		
6	OSSI	Sales	\$709.39		
		Exch	\$11,236.53	(1)	
7	TPBR = (TCI+GCI+OSSI)		\$540,234.04		
8	AGC (**Total Gas Cost)	-	\$4,311,726.20		
	Sys Supply Pu	rch	\$2,875,808.34		
	Chesapeake		\$20,468.00		
	Misc Adjustm	ent	\$0.00		
	Transportatio	n	\$1,415,449.86		
9	2% of AGC		\$86,234.52		
10	PAC = (TPBR) / AGC		12.25%		
CPS TPB ASP	onyms: = Company Performance Share R = Total Performance Based Resu = Applicable Sharing Percentage = Percent of Actual Gas Costs	lts	**Total Gas Cost =	: Syst	em Supply Purchase + Trans

AGC = Actual Gas Costs

TCl = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

(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-15

BENCHMARK	(ТВТС)	<u>Pipeline</u> Tenn TCO TCO	Contract <u>Number</u> 308956 80160 81540	Rate <u>Sched</u> FTA SST SST	<u>P/L MDQ</u> 20,506 95,440 15,000	<u>Max Rate</u> \$15.5810 \$5.9610 \$5.9610	<u>Calculation Description</u> Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate	<u>Actual</u> \$319,503.99 \$568,917.84 <u>\$89,415.00</u> \$977,836.83
CKY COST	(TATC)	Tenn TCO TCO	308956 80160 81540	FTA SST SST	20,506 95,440 15,000	<u>Disc Rate</u> \$4.6028 \$4.1850 \$4.1850	Demand Vol @ Disc Rate Demand Vol @ Disc Rate Demand Vol @ Disc Rate	\$94,385.02 \$399,416.40 \$62,775.00
LESS: Marketed (	Capacity Rele	ase			1	\$5.6900	Marketed Cap Release	<u>(\$5.96)</u> \$556,570.46

Total TCI \$421,266.374

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TBTC - Total Benchmark Transportation Cost (from Transportation Closing Report)

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

#### CKY GCI CALCULATION

Flow Period: Jun-15

							W	eekly Spot Pric	e	Weigh	ted Avg Calc	ulated
Flow		nside FERC		计程序的复数形式	Gas Daily	- State Party	Natu	ral Gas Week (N		Benc	hmark Rate b	by P/L
Date	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main SKS	°∙TGP.500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500_
				ALL THINK - 1994	治的 <b>过程</b> 的变形		i ż	(Rayne)				
6/1/15	\$2.7400	\$2,7200	\$2.7900	\$2.5300	\$2.5600	\$2.6050	\$2.6700	\$2.7000	\$2.7100	\$2.6467	\$2.6600	\$2.7017
6/2/15	\$2.7400	\$2.7200	\$2.7900	\$2.5250	\$2.5450	\$2.5750	\$2.4500	\$2.5100	\$2.5600	\$2.5717	\$2.5917	\$2.6417
6/3/15	\$2,7400	\$2.7200	\$2.7900	\$2.5300	\$2.5450	\$2.5750	\$2.4500	\$2.5100	\$2.5600	\$2.5733	\$2.5917	\$2.6417
6/4/15	\$2,7400	\$2,7200	\$2.7900	\$2.5500	\$2.5600	\$2.5950	\$2.4500	\$2.5100	\$2,5600	\$2.5800	\$2.5967	\$2.6483
6/5/15	\$2,7400	\$2.7200	\$2.7900	\$2.4650	\$2.5150	\$2,5550	\$2.4500	\$2.5100	\$2.5600	\$2.5517	\$2.5817	\$2.6350
6/6/15	\$2.7400	\$2.7200	\$2.7900	\$2.4250	\$2.4900	\$2.5500	\$2.4500	\$2.5100	\$2.5600	\$2.5383	\$2.5733	\$2.6333
6/7/15	\$2.7400	\$2.7200	\$2.7900	- \$2.4250	\$2.4900	\$2.5500	\$2.4500	\$2.5100	\$2.5600	\$2.5383	\$2.5733	\$2.6333
6/8/15	\$2,7400	\$2.7200	\$2.7900	\$2.4250	\$2.4900	\$2.5500	\$2.4500	\$2.5100	\$2,5600	\$2.5383	\$2.5733	\$2.6333
6/9/15	\$2.7400	\$2,7200	\$2.7900	\$2.5600	\$2.6200	\$2.6750	\$2.7100	\$2.7300	\$2,7800	\$2.6700	\$2.6900	\$2.7483
6/10/15	\$2.7400	\$2.7200	\$2.7900	\$2.7050	\$2.7550	\$2.7950	\$2.7100	\$2.7300	\$2.7800	\$2,7183	\$2.7350	\$2.7883
6/11/15	\$2.7400	\$2,7200	\$2.7900	\$2,8400	\$2.8400	\$2.8650	\$2.7100	\$2.7300	\$2,7800	\$2.7633	\$2.7633	\$2.8117
6/12/15	\$2.7400	\$2,7200	\$2.7900	\$2,8000	\$2.7950	\$2.8400	\$2.7100	\$2.7300	\$2.7800	\$2.7500	\$2.7483	\$2.8033
6/13/15	\$2.7400	\$2.7200	\$2.7900	\$2.6850	\$2.7150	\$2.7750	\$2.7100	\$2.7300	\$2.7800	\$2,7117	\$2.7217	\$2.7817
6/14/15	\$2.7400	\$2.7200	\$2.7900	\$2.6850	\$2.7150	\$2.7750	\$2,7100	\$2.7300	\$2.7800	\$2,7117	\$2,7217	\$2,7817
6/15/15	\$2.7400	\$2.7200	\$2.7900	\$2.6850	\$2.7150	\$2.7750	\$2.7100	\$2.7300	\$2.7800	\$2.7117	\$2.7217	\$2.7817
6/16/15	\$2.7400	\$2.7200	\$2.7900	\$2,7800	\$2.8200	\$2.8650	\$2,7500	\$2.7900	\$2.8200	\$2.7567	\$2,7767	\$2.8250
6/17/15	\$2.7400	\$2.7200	\$2.7900	\$2.8350	\$2.8700	\$2.9050	\$2.7500	\$2.7900	\$2.8200	\$2.7750	\$2,7933	\$2.8383
6/18/15	\$2.7400	\$2,7200	\$2.7900	\$2.8450	\$2.8750	\$2.9300	\$2,7500	\$2.7900	\$2.8200	\$2.7783	\$2,7950	\$2.8467
6/19/15	\$2.7400	\$2.7200	\$2.7900	\$2.7800	\$2.7950	\$2.8450	\$2.7500	\$2.7900	\$2.8200	\$2.7567	\$2,7683	\$2.8183
6/20/15	\$2.7400	\$2.7200	\$2.7900	\$2.7100	\$2.7400	\$2.7850	\$2.7500	\$2.7900	\$2.8200	\$2.7333	\$2,7500	\$2.7983
6/21/15	\$2.7400	\$2.7200	\$2.7900	\$2.7100	\$2.7400	\$2.7850	\$2.7500	\$2.7900	\$2.8200	\$2.7333	\$2.7500	\$2.7983
6/22/15	\$2.7400	\$2.7200	\$2.7900	\$2.7100	\$2.7400	\$2.7850	\$2.7500	\$2.7900	\$2.8200	\$2.7333	\$2.7500	\$2,7983
6/23/15	\$2.7400	\$2,7200	\$2.7900	\$2,7000	\$2.7100	\$2.7650	\$2.6700	\$2.7100	\$2,7500	\$2.7033	\$2,7133	\$2,7683
6/24/15	\$2.7400	\$2,7200	\$2.7900	\$2.7450	\$2.7800	\$2.8200	\$2.6700	\$2.7100	\$2.7500	\$2.7183	\$2,7367	\$2.7867
6/25/15	\$2.7400	\$2,7200	\$2.7900	S2.6950	\$2.7150	\$2.7550	\$2,6700	\$2.7100	\$2.7500	\$2,7017	\$2,7150	\$2.7650
6/26/15	\$2.7400	\$2.7200	\$2.7900	\$2.7100	\$2.7450	\$2.8200	\$2,6700	\$2,7100	\$2.7500	\$2.7067	\$2.7250	\$2.7867
6/27/15	\$2.7400	\$2.7200	\$2.7900	\$2.6550	\$2.7050	\$2.7450	\$2.6700	\$2.7100	\$2.7500	\$2.6883	\$2.7117	\$2.7617
6/28/15	\$2.7400	\$2.7200	\$2.7900	\$2.6550	\$2.7050	\$2.7450	\$2.6700	\$2.7100	\$2,7500	\$2.6883	\$2.7117	\$2,7617
6/29/15	\$2.7400	\$2.7200	\$2.7900	\$2.6550	\$2.7050	\$2.7450	\$2.6700	\$2.7100	\$2.7500	\$2.6883	\$2.7117	\$2.7617
6/30/15	\$2.7400	\$2,7200	\$2.7900	S2.6850	\$2.7400	\$2.7900	\$2.6700	\$2.7500	\$2.7500	\$2.6983	\$2.7367	\$2,7767
	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
												_
Avg Rate	\$2.7400	\$2.7200	\$2.7900	\$2.6568	\$2.6912	<b>\$2.73</b> 80	\$2.6467	\$2.6877	\$2.7277	\$2.6812	\$2.6996	\$2.7519

<u>Pipeline</u> TCO	Rec Point P10	Purchase <u>Volume</u> 1.112.512	Purchase <u>Cost</u> \$2,875,808.34	Benchmark <u>Cost</u> \$2,982,830.09	<u>GCI Savings (Cost)</u> \$107.021.75
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500		\$0.00	\$0.00	\$0.00

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COLUMBIA GAS OF KENTUCKY Off-System Sales - SALES Activity Booking Report Jun-15

								che inner comi la secola da casa da comerca d	MOUNTS	
			RECEIRT			STATE		Sales Amou	<u>nts</u>	MARGIN
DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	<u>SALES ID</u> (1)	RECEIPT FLOW <u>DATE</u> (2)	DELIVERY FLOW <u>DATE</u> (3)	DELIVERY <u>POINT</u>	STATE OF <u>SALE</u> (16)	VOLUMES <u>INVOICED</u> (17 A) Dth	SALES <u>RATE</u> (18 A) \$/Dth	ا <u>SALE</u> (19 A=17A*18A) \$	MARGIN
1	S	S0237260	6/1/15	6/1/15	TCO	wv	7,625	\$2,7500	\$20,968.75	\$293.56
i	ŝ	S0237086	6/1/15	6/1/15		wv	10,000	\$2.5350	\$25,350.00	\$225.00
i	S	S0237094	6/1/15	6/1/15	• - +	wv	25	\$2,5300	\$63.25	\$0.38
1	S	S0237155	6/1/15	6/1/15	тсо	WV	3,000	\$2.8475	\$8,542.50	\$30.00
1	S	S0237222	6/1/15	6/1/15	тсо	WV	5,000	\$2.7250	\$13,625.00	\$75.00
1	S	S0237223	6/1/15	6/1/15	тсо	WV	1,000	\$2.7250	\$2,725.00	\$15.00
1	S	S0237224	6/1/15	6/1/15	TCO	WV	2,000	\$2.7250	\$5,450.00	\$30.00
1	S	S0237225	6/1/15	6/1/15	тсо	WV	2,000	\$2.7250	\$5,450.00	\$30.00
1	S	S0237229	6/1/15	6/1/15	тсо	WV	38	\$2.7500	\$104.50	\$0.95
1	S	S0237233	6/1/15	6/1/15	TCO	WV	300	\$2.7250	\$817.50	\$4.50
1	S	S0237248	6/1/15	6/1/15	TCO	WV	500	\$2.7200	\$1,360.00	\$5.00
		11					31,488		\$84,456.50	\$709.39

#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Jun-15

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										1		Sales Amounts		Cutre	ent Month Prora	tion
DATA STATUS	SALES TYPE**	ЕХСН ТҮРЕ	SALES ID	receipt Flow Date	delivery Flow Date	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN
E E E E	6 6 6 6 6	OPP OPP OPP OPP OPP	S0237091 S0237249 S0234974 S0234975 S0234975	Jul-15 Sep-15 May-15 May-15 May-15	Jun-15 Jun-15 Dec-15 Jan-16 Feb-16	Jul-15 Sep-15 Dec-15 Jan-16 Feb-16	2 4 8 9 10	1 1 2 2 2	TCO TCO TCO TCO TCO	WV WV WV WV	420,000 90,000 155,000 155,000 145,000	\$0.0100 \$0.0200 \$0.1700 \$0.1700 \$0.1700	\$4,200.00 \$1,800.00 \$26,350.00 \$26,350.00 \$24,650.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,100.00 \$450.00 \$3,293.75 \$2,927.78 \$2,465.00	\$2,100.00 \$450.00 \$3,293.75 \$2,927.78 \$2,465.00
			5								965,000		\$83,350.00		\$11,236.53	\$11,236.53

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## JULY 2015

Please note July is only four pages as there was no Off-System Sales Sales activity for the month.

## Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Jul-15

<u>Ln.</u>	PBR Component D	escription		Jul-15		
1	CPS = (TPBR) x ASP	I		\$13,643.01		30% of first 2% of AGC
2	CPS = (TPBR) x ASP	I		\$209,343.98		50% of remainder
3	Total Company Pe	rformance Share		\$222,986.9 <mark>9</mark>		
4	TCI (includes Marl	keted CapR)		\$421,266.37		
5	GCI			\$31,584.27		
6	OSSI	Sa	ales	\$0.00		
		E	xch	\$11,314.03	(1)	
7	TPBR = (TCI+GCI+C	ossi)		\$464,164.67		
8	AGC (**Total Gas	Cost)		\$2,273,835.04		
		Sys Supply Purch		\$824,749.12		
		Chesapeake		\$14,777.36		
		Misc Adjustment		\$0.00		
		Transportation		\$1,434,308.56		
9	2% of AGC			\$45,477		
10	PAC = (TPBR) / AG	с		19.92%		
<u>Acro</u>	onyms:					
CDC	Courses a service Doouform	ana an Chana		****		and Complex Description of The

CPS = Company Performance Share	<pre>**Total Gas Cost = System Supply Purchase + Trans</pre>
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	

(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-15

BENCHMARK	(ТВТС)	<u>Pipeline</u> Tenn TCO TCO	<b>Contract</b> <u>Number</u> 308956 80160 81540	Rate <u>Sched</u> FTA SST SST	<u>P/L MDQ</u> 20,506 95,440 15,000	<u>Max Rate</u> \$15.5810 \$5.9610 \$5.9610	<u>Calculation</u> Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate	<u>Actual</u> \$319,503.99 \$568,917.84 <u>\$89,415.00</u> \$977,836.83
CKY COST	(TATC)	Tenn TCO TCO	308956 80160 81540	FTA SST SST	20,506 95,440 15,000	<u>Disc Rate</u> \$4.6028 \$4.1850 \$4.1850	Demand Vol @ Disc Rate Demand Vol @ Disc Rate Demand Vol @ Disc Rate	\$94,385.02 \$399,416.40 \$62,775.00
LESS: Marketed C	ap Release				1	\$5.6900		<u>(\$5.96)</u> \$556,570.46

Total TCI \$421,266.37

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

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

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SAL
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Flow Period: Jul-15

Flow		Inside FERC			CARACTER Gas Daily Address of		Natu	Natural Gas Week (NGW)	NGWI	Benci	Benchmark Rate by P/L	V P/L
Date	TCO P10	CGT Main	TGP 500	TCO P10170	CGT Main to the	TCO PIONSE CGT Main 10-92202 TGB 500 1/13	TCO P10	CGT Main	TGP 500	<b>TCO P10</b>	CGT Main	TGP 500
				·····································	Print Strate	TROUGH		(Rayne)				
7/1/15	\$2.6800	\$2,7100	\$2,7500	\$2.6750	\$2.7200	\$2,7350	\$2.6700	\$2.7500	\$2,7500	\$2.6750	\$2,7267	\$2,7450
7/2/15	\$2.6800	\$2.7100	\$2.7500	\$2.7100	\$2.7350	\$2.7500	\$2.6700	\$2.7500	\$2,7500	\$2.6867	\$2,7317	\$2.7500
7/3/15	\$2,6800	\$2,7100	\$2,7500	\$2.6700	\$2.7350	\$2,7550	\$2,6700	\$2,7500	\$2,7500	\$2.6733	\$2,7317	\$2.7517
7/4/15	\$2,6800	\$2,7100	\$2,7500	\$2.6700	\$2,7350	\$2.7550	\$2.6700	\$2,7500	\$2,7500	\$2.6733	\$2,7317	\$2,7517
7/5/15	\$2,6800	\$2,7100	\$2,7500	\$2,6700	\$2,7350	\$2,7550	\$2.6700	\$2,7500	\$2,7500	\$2.6733	\$2,7317	\$2,7517
7/6/15	\$2,6800	\$2,7100	\$2,7500	\$2,6700	\$2,7350	\$2,7550	\$2,6700	\$2,7500	S2.7500	\$2,6733	\$2,7317	\$2,7517
7/7/15	\$2.6800	\$2,7100	\$2.7500	\$2.7000	\$2,6850	\$2,7050	\$2.6800	\$2,7000	SZ.7200	\$2.6887	\$2.6983	\$2,7250
7/8/15	\$2,6800	\$2,7100	\$2,7500	\$2,6650	\$2,6750	\$2.6800	\$2.6800	\$2,7000	\$2.7200	\$2,6750	\$2.6950	\$2,7167
7/9/15	\$2,6800	\$2,7100	\$2,7500	\$2.6750	\$2.6850	\$2,6900	\$2.6800	\$2,7000	\$2,7200	\$2,6783	\$2.6983	\$2,7200
7/10/15	\$2,6800	\$2.7100	\$2.7500	\$2,6250	\$2,6400	\$2,6500	\$2,6800	\$2,7000	\$2,7200	\$2,6617	\$2.6833	\$2,7067
7/11/15	\$2,6800	\$2.7100	\$2.7500	\$2.6750	\$2.7200	\$2.7550	\$2,6800	\$2.7000	\$2.7200	\$2.6783	\$2.7100	\$2,7417
7/12/15	\$2,6800	\$2.7100	\$2,7500	\$2.6750	\$2.7200	\$2.7550	\$2.6800	\$2,7000	\$2.7200	\$2.6783	\$2.7100	\$2,7417
7/13/15	\$2,6800	\$2.7100	\$2,7500	\$2.6750	\$2,7200	\$2,7550	\$2,6800	\$2,7000	\$2.7200	\$2.6783	\$2,7100	\$2,7417
7/14/15	\$2,6800	\$2,7100	\$2,7500	\$2.8000	\$2.6300	\$2,8450	\$2.8100	\$2.8300	\$2,8600	\$2,7633	\$2,7900	\$2.8183
7/15/15	\$2.6800	\$2,7100	\$2,7500	\$2.8700	\$2,9000	\$2,9100	\$2.8100	\$2,8300	\$2,8600	\$2,7867	\$2,8133	\$2,8400
7/16/15	\$2.6800	\$2.7100	\$2,7500	\$2.8500	\$2.8750	\$2.8850	\$2.8100	\$2.8300	\$2,8800	\$2.7800	\$2.8050	\$2,8317
7/17/15	\$2,6800	\$2,7100	\$2,7500	\$2.8250	\$2.8500	\$2,8700	\$2,8100	\$2,8300	\$2,8600	\$2,7717	\$2,7967	\$2,8267
7/18/15	\$2,6800	\$2.7100	\$2.7500	\$2,8050	\$2,8150	\$2,8500	\$2,8100	\$2,8300	\$2,8600	\$2,7650.	\$2,7850	\$2.8200
7/19/15	\$2,6800	\$2,7100	\$2,7500	\$2.8050	\$2,8150	\$2,8500	\$2.8100	\$2,8300	\$2,8600	\$2.7650	\$2,7850	\$2.8200
7/20/15	\$2,6800	\$2,7100	\$2,7500	\$2,8050	\$2,8150	\$2,8500	\$2.8100	\$2,8300	\$2.8600	\$2,7650	\$2.7850	\$2,8200
7/21/15	\$2,6800	\$2,7100	\$2,7500	\$2.8000	\$2.8000	\$2,8100	\$2,7900	\$2.8000	\$2,8100	\$2,7587	\$2,7700	\$2,7900
7/22/15	\$2,6800	\$2,7100	\$2,7500	\$2.8200	\$2,8500	\$2.8650	\$2,7900	\$2,8000	\$2,8100	\$2_7633	\$2.7857	\$2,8083
7/23/15	\$2,6800	\$2,7100	\$2,7500	\$2.8300	\$2,8650	\$2,8900	\$2,7900	\$2,8000	\$2,8100	\$2,7667	\$2,7917	\$2,8167
7/24/15	\$2.6300	\$2,7100	\$2,7500	\$2.8400	\$2,8650	\$2,8950	\$2.7900	\$2,8000	\$2,8100	\$2,7700	\$2,7917	\$2.8183
7/25/15	\$2,6800	\$2,7100	\$2,7500	\$2,7500	\$2,7700	\$2,7950	\$2.7900	\$2,8000	S2.8100	\$2,7400	\$2.7600	\$2,7850
7/26/15	\$2.6800	\$2,7100	\$2,7500	\$2,7500	\$2,7700	\$2,7950	\$2,7900	\$2.8000	\$2.8100	\$2,7400	\$2,7600	\$2,7850
7/27/15	\$2.6800	\$2,7100	\$2,7500	\$2,7500	\$2,7700	\$2.7850	\$2.7900	\$2.8000	\$2.8100	\$2,7400	\$2,7600	\$2,7850
7/28/15	\$2.6800	\$2,7100	\$2,7500	\$2,7900	\$2,7800	\$2.8150	\$2.7500	\$2.7500	\$2.8500	\$2.7400	\$2.7600	\$2.8050
7/29/15	\$2.6800	\$2,7100	\$2.7500	\$2,8150	\$2,8350	\$2,8450	\$2,7500	\$2,7500	\$2.8500	\$2,7483	\$2,7650	\$2.8150
7/30/15	\$2.6800	\$2,7100	\$2,7500	\$2,8350	\$2,8550	\$2,8700	<b>\$2.7500</b>	\$2,7500	\$2.8500	\$2,7550	\$2,7717	\$2,8233
7/31/15	\$2.6800	\$2,7100	\$2,7500	\$2.8150	\$2,7900	\$2.8100	\$2.7500	\$2,7500	\$2.8500	\$2,7483	S2.7500	\$2,8033
		63 71 M	537500	017540	1111	1002 03	2112 00	20 7204	3104 63	1111	en 7540	¢3 7200

\$31,584.27						
<u>GCI Savings (Cost)</u> \$31,584,27 \$0.00 \$0.00	Benchmark <u>Cost</u> \$856,333.39 \$0.00 \$0.00	Purchase <u>Cost</u> \$824,749.12 \$0.00 \$0.00	Punchase <u>Volume</u> 314,319 0 0	<u>Rec Point</u> P10 M/L 500	Piecling TCO CGT TENN	
		pply) - ACTUAL	itynato System Su	ACTIVITY (Non-C	MONTHLY PURCHASE	

#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Jul-15

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										[	· —	Sales Amounts		Curre	ent Month Prora	tion
DATA STATUS	SALES TYPE**	ехсн Түре	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES	SALES	TOTAL	TRANSPORT COST	TOTAL	MONTHLY MARGIN
											Dth	\$/Dth	\$			
Е	E	OPP	S0237091	Jul-15	Jun-15	Jul-15	2	2	тсо	wv	420,000	\$0.0100	\$4,200.00	\$0.00	\$2,100.00	\$2,100.00
E	E	OPP	S0237249	Sep-15	Jun-15	Sep-15	4	2	TCO	wv	90,000	\$0.0200	\$1,800.00	\$0.00	\$450.00	\$450.00
E	E	OPP	S0237369	Oct-15	Jul-15	Oct-15	4	1	TCO	wv	15,500	\$0.0200	\$310.00	\$0.00	\$77.50	\$77.50
E	E	OPP	S0234974	May-15	Dec-15	Dec-15	8	3	TCO	wv	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	E	OPP	S0234975	May-15	Jan-16	Jan-16	9	3	TCO	wv	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	Ē	OPP	S0234976	May-15	Feb-16	Feb-16	10	3	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
			6								980,500		\$83,660.00		\$11,314.03	\$11,314.03

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## AUGUST 2015

## Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Aug-15

1	PBR Component D CPS = (TPBR) x ASP	,		Aug-15 \$17,934.30		30% of first 2% of AGC
2	CPS = (TPBR) x ASP			\$260,734.08		50% of remainder
3	Total Company Pe	rformance Share		\$278,668.37		
4	TCI (includes Marl	(eted CapR)		\$421,266.37		
5	GCI			\$105,349.25		
6	OSSI	Sa	ales	\$5,094.73		
		E	xch	\$49,538.79	(1)	•
7	TPBR = (TCI+GCI+C	OSSI)		\$581,249.14		
8	AGC (**Total Gas	Cost)		\$2,989,049.35		
		Sys Supply Purch		\$1,535,205.81		
		Chesapeake		\$15,150.09		
		Misc Adjustment		\$0.00		-
		Transportation		\$1,438,693.45		
· 9	2% of AGC			\$59,781		
			•			
10	PAC = (TPBR) / AG	C	•	19.45%		
<u>Acro</u>	<u>onyms:</u>					
CDC	- Company Doufor	naman Chave	*:	*Tatal Cas Cast	C	ana Cumulu Dunahaan I Tur

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CPS = Company Performance Share	**Total Gas Cost = System Supply Purchase + Trans
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	

(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-15

BENCHMARK	(TBTC)	<u>Pipeline</u> Tenn TCO TCO	Contract <u>Number</u> 308956 80160 81540	Rate <u>Sched</u> FTA SST SST	<u>P/L MDQ</u> 20,506 95,440 15,000	<u>Max Rate</u> \$15.5810 \$5.9610 \$5.9610	<u>Calculation</u> Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate	<u>Actual</u> \$319,503.99 \$568,917.84 <u>\$89,415.00</u> \$977,836.83
CKY COST	(TATC)	Tenn TCO TCO	308956 80160 81540	FTA SST SST	20,506 95,440 15,000	<u>Disc Rate</u> \$4.6028 \$4.1850 \$4.1850	Demand Vol @ Disc Rate Demand Vol @ Disc Rate Demand Vol @ Disc Rate	\$94,385.02 \$399,416.40 \$62,775.00
LESS: Marketed C	Cap Release				1	\$5.6900		<u>(\$5.96)</u> \$556,570.46

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Total TCI \$421,266.37

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: Aug-15

				4		1		eekly Spot Pric	e	Weigh	ted Avg Calc	ulated
Flow	1	nside FERC		**************************************	Gas Daily	A CAR BAR T. NOT	Natu	ral Gas Week (N	IGW)	Benc	hmark Rate b	ny P/L
Date	TCO P10	CGT Main	TGP 500	TCO P10.5%	CGT Main	202 TGP 500 358	TCO P10	CGT Main	TGP 500	. TCO P10	CGT Main	TGP 500
				2. 一、"我们就会				(Rауле)	•			<u>.</u>
8/1/15	\$2,7900	\$2.8000	\$2.8600	\$2.7200	\$2,7100	\$2,7400	\$2,7500	\$2,7500	\$2.8500	\$2.7533	\$2.7533	\$2.8167
8/2/15	\$2,7900	\$2.8000	\$2.8600	\$2.7200	\$2,7100	\$2.7400	\$2,7500	\$2,7500	\$2,8500	\$2.7533	\$2.7533	\$2.8167
8/3/15	\$2,7900	\$2.8000	\$2,8600	\$2,7200	\$2,7100	\$2.7400	\$2,7500	\$2,7500	\$2,8500	\$2,7533	\$2,7533	\$2,8167
8/4/15	\$2.7900	\$2.8000	\$2.8600	\$2,7050	\$2.7100	\$2.7350	\$2,7300	\$2.7700	\$2,8100	\$2,7417	\$2,7600	\$2.8017
8/5/15	\$2,7900	\$2,8000	\$2.8600	\$2.7550	\$2,7850	\$2.8100	\$2.7300	\$2,7700	\$2,8100	\$2.7583	\$2.7850	\$2,8267
8/6/15	\$2,7900	\$2.8000	\$2,8600	\$2.7650	\$2.8250	\$2.8550	\$2,7300	\$2,7700	\$2,8100	\$2,7617	\$2.7983	\$2.8417
8/7/15	\$2,7900	\$2.8000	\$2.8600	\$2.6800	\$2.7250	\$2,7650	\$2,7300	\$2,7700	\$2,8100	\$2,7333	\$2,7650	\$2.8117
8/8/15	\$2,7900	\$2.8000	\$2.8600	\$2,7100	\$2,7850	\$2.8200	\$2,7300	\$2,7700	\$2.8100	\$2.7433	\$2,7850	\$2.8300
8/9/15	\$2,7900	\$2,8000	\$2.8600	\$2.7100	\$2.7850	\$2.8200	\$2.7300	\$2,7700	\$2,8100	\$2,7433	\$2,7850	\$2,8300
8/10/15	\$2,7900	\$2.8000	\$2.8600	\$2,7100	\$2.7850	\$2.8200	\$2.7300	\$2.7700	\$2.8100	\$2,7433	\$2.7850	\$2,8300
8/11/15	\$2,7900	\$2.8000	\$2.8600	\$2,7600	\$2.8200	\$2.8500	\$2.7700	\$2,7900	\$2,8300	\$2.7733	\$2,8033	\$2.8487
8/12/15	\$2,7900	\$2,8000	\$2,8600	\$2,7600	\$2.8050	\$2.8450	\$2.7700	\$2,7900	\$2,8300	\$2,7733	\$2.7983	\$2.8450
8/13/15	\$2,7900	\$2.8000	\$2.8600	\$2.8250	\$2.8500	\$2.8950	\$2.7700	\$2,7900	\$2.8300	S2.7950	\$2.8133	\$2.8617
8/14/15	\$2,7900	\$2.8000	\$2,8600	\$2.8350	\$2.8650	\$2.8800	\$2,7700	\$2,7900	\$2.8300	\$2,7983	\$2.8183	\$2.8567
8/15/15	\$2,7900	\$2.8000	\$2.8600	\$2,7500	\$2.7700	\$2.8150	\$2.7700	\$2.7900	\$2.8300	\$2,7700	\$2,7867	\$2.8350
8/16/15	\$2,7900	\$2,8000	\$2,8600	\$2,7500	\$2,7700	\$2.8150	\$2.7700	\$2.7900	\$2,8300	\$2.7700	\$2,7867	\$2.8350
8/17/15	\$2.7900	\$2.8000	\$2.8600	\$2,7500	\$2.7700	\$2,8150	\$2.7700	\$2,7900	\$2,8300	\$2,7700	\$2,7867	\$2.8350
8/18/15	\$2.7900	\$2,8000	\$2,8600	\$2,7200	\$2,7250	\$2.7550	\$2.6800	\$2.6400	\$2,7000	\$2,7300	\$2,7217	\$2.7717
8/19/15	\$2.7900	\$2.8000	\$2.8600	\$2.6700	\$2.6750	\$2.7000	\$2.6800	\$2.6400	\$2,7000	\$2,7133	\$2,7050	\$2,7533
8/20/15	\$2,7900	\$2.8000	\$2.8600	\$2.7050	\$2.6850	\$2.6850	\$2.6800	\$2.6400	\$2,7000	\$2,7250	·\$2.7083	\$2,7483
8/21/15	\$2,7900	\$2.8000	\$2.8600	\$2.6800	\$2.6500	\$2.7050	\$2.6800	\$2.6400	\$2,7000	\$2.7167	\$2.6967	\$2.7550
8/22/15	\$2,7900	\$2,8000	\$2,8600	\$2,6800	\$2.6300	\$2.6900	\$2.6800	\$2.6400	\$2,7000	\$2.7167	\$2.6900	\$2.7500
8/23/15	\$2,7900	\$2.8000	\$2.8600	\$2,6800	\$2,6300	\$2.6900	\$2,6800	\$2.6400	\$2,7000	S2.7167	\$2.6900	\$2,7500
8/24/15	\$2,7900	\$2,8000	\$2.8600	\$2.6800	\$2.6300	\$2.6900	\$2.6800	\$2,6400	\$2,7000	\$2.7167	\$2.6900	\$2,7500
8/25/15	\$2,7900	\$2.8000	\$2.8600	\$2.6250	\$2.5950	\$2.6350	\$2.6400	\$2.6100	\$2.6500	S2.6850	\$2.6683	\$2.7150
8/26/15	\$2,7900	\$2.8000	\$2.8600	\$2,6550	\$2.6400	\$2,6450	\$2.6400	\$2.6100	\$2,6500	\$2.6950	\$2.6833	\$2.7183
8/27/15	\$2.7900	\$2.8000	\$2.8600	\$2.6650	\$2.6450	\$2.6750	\$2.6400	\$2.6100	\$2.6500	\$2.6983	\$2.6850	\$2,7283
8/28/15	\$2,7900	\$2.8000	\$2,8600	\$2.6400	\$2,6150	\$2.6450	\$2.6400	\$2.6100	\$2,6500	\$2.6900	\$2.6750	\$2.7183
8/29/15	\$2,7900	\$2,8000	\$2.8600	\$2.6300	\$2.6050	\$2.6500	\$2.6400	\$2.6100	\$2.6500	\$2.6867	\$2.6717	\$2.7200
8/30/15	S2.7900	\$2.8000	\$2.8600	\$2.6300	\$2.6050	\$2.6500	\$2.6400	\$2,6100	\$2.6500	\$2.6867	\$2.6717	\$2,7200
8/31/15	\$2.7900	\$2.8000	\$2.8600	\$2.6300	\$2.6050	\$2.6500	\$2,6400	\$2.6100	\$2.6500	\$2.6867	\$2.6717	\$2.7200
Avg Rate	\$2.7900	\$2.8000	\$2.8600	\$2.7069	\$2.7134	\$2.7492	\$2.7094	\$2.7071	\$2.7574	\$2.7354	\$2.7402	\$2,7889

<u>Plpeline</u>	Rec Point	Purchase <u>Volume</u>	Purchase <u>Cost</u>	Benchmark <u>Cost</u>	GCI Savings (Cost)
TCO	P10	599,743	\$1,535,205.81	\$1,640,555.06	\$105,349.25
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

#### COLUMBIA GAS OF KENTUCKY

Off System Sales - SALES Activity Booking Report Aug-15

									IOUNTS	· · · · · · · · · · · · · · · · · · ·
			RECEIPT	DELIVERY		STATE		Sales Amount	s	MARGIN
DATA *	SALES		FLOW	FLOW	DELIVERY	OF	VOLUMES	SALES	TOTAL	MAROM
	TYPE **	SALES ID				SALE	INVOICED	RATE	SALE	
<u>STATUS</u>		<u>SALES ID</u>	DATE	<u>DATE</u>	<u>POINT</u>	<u>SALE</u>	Dth	\$/Dth	<u>5ALC</u> \$	
							Dui	φiDin	Ψ	
I	S	S0237769	8/1/15	8/1/15	тсо	wv	5,000	\$2.7200	\$13,600.00	\$37.50
Ì	S	S0237770	8/1/15	8/1/15		WV	3,800	\$2,7250	\$10.355.00	\$38.76
1	S	S0237771	8/1/15	8/1/15		WV	5,000	\$2.7250	\$13,625.00	\$85.00
1	S	S0237772	8/1/15	8/1/15		ŴV	2,300	\$2.7225	\$6,261.75	\$23.00
1	S	S0237773	8/1/15	8/1/15		ŴV	3,500	\$2.7200	\$9,520.00	\$22.51
Ì	S	S0237777	8/1/15	8/1/15	TCO	WV	400	\$2.7350	\$1,094.00	\$9.00
1	S	S0237779	8/1/15	8/1/15	тсо	WV	300	\$2.7200	\$816.00	\$4.50
I	S	S0237780	8/1/15	8/1/15	TCO	WV	5,000	\$2.6700	\$13,350.00	\$87.50
1	S	S0237781	8/1/15	8/ <b>1/</b> 15	TCO	WV	5,000	\$2.6700	\$13,350.00	\$87.50
1	S	S0237782	8/1/15	8/1/15	тсо	WV	1,100	\$2.6700	\$2,937.00	\$13.75
I	S	S0237783	8/1/15	8/1/15	тсо	WV	5,000	\$2.6600	\$13,300.00	\$12.50
Ι	S	S0237741	8/1/15	8/1/15	тсо	WV	1,300	\$2.8350	\$3,685.50	\$100.75
1	S	S0237743	8/1/15	8/1/15	тсо	WV	10,000	\$2.8250	\$28,250.00	\$722.20
1	S	S0237744	8/1/15	8/1/15	тсо	WV	10,000	\$2.8250	\$28,250.00	\$750.00
1	S	S0237745	8/1/15	8/1/15		WV	6,500	\$2.8225	\$18,346.25	\$81.25
1	S	S0237756	8/1/15	8/1/15	тсо	WV	10,000	\$2.8375	\$28,375.00	\$325.00
1	S	S0237757	8/1/15	8/1/15	тсо	WV	10,000	\$2.8375	\$28,375.00	\$145.00
I	S	S0237758	8/1/15	8/1/15	тсо	WV	5,000	\$2.8375	\$14,187.50	\$162.50
1	S	S0237761	8/1/15	8/1/15	тсо	WV	15,000	\$2.7450	\$41,175.00	\$600.00
1	S	S0237762	8/1/15	8/1/15	тсо	WV	15,000	\$2.7400	\$41,100.00	\$375.00
1	S	S0237764	8/1/15	8/1/15	тсо	WV	30,000	\$2.7500	\$82,500.00	\$74 <b>7.0</b> 0
1	S	S0237768	8/1/15	8/1/15	тсо	WV	8,400	\$2.8400	\$23,856.00	\$316.01
I	S	S0237786	8/1/15	8/1/15	тсо	WV	5,000	\$2.6600	\$13,300 <i>.</i> 00	\$20.00
1	S	S0237870	8/1/15	8/1/15	тсо	WV	1,400	\$2.6500	\$3,710.00	\$35.00
1	S	S0237871	8/1/15	8/1/15		WV	4,000	\$2.6500	\$10,600.00	\$101.00
I	S	S0237872	8/1/15	8/1/15	тсо	WV	400	\$2.6500	\$1,060.00	\$10.00
I	S	S0237873	8/1/15	8/1/15	тсо	WV	7,300	\$2.6500	\$19,345.00	\$182.50
		27					175,700		\$484,324.00	\$5,094.73

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#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Aug-15

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										[		Sales Amounts		Curre	ent Month Prora	ition
				RECEIPT	DELIVERY		# OF	# OF		STATE						
DATA	SALES	EXCH		FLOW	FLOW	INVOICE	MONTHS	MONTHS	DELIVERY	OF		SALES	TOTAL	TRANSPORT	TOTAL	MONTHLY
STATUS	TYPE**	TYPE	SALES ID	DATE	DATE	MONTH	IN TERM	EXPIRED	POINT	SALE	VOLUMES	RATE	SALE	COST	SALE	MARGIN
											Dth	\$/Dth	\$			
E	E	OPP	S0237249	Sep-15	Jun-15	Sep-15	4	3	тсо	wv	90,000	\$0.0200	\$1,800.00	\$0.00	\$450.00	\$450.00
E	E	OPP	S0237369	Oct-15	Ju⊢15	Oct-15	4	2	тсо	WV	15,500	\$0.0200	\$310.00	\$0.00	\$77.50	\$77.50
E	Ε	OPP	S0234974	May-15	Dec-15	Dec-15	8	4	тсо	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	E	OPP	S0235065	Aug-15	Dec-15	Dec-15	5	1	TCO	WV	310,000	\$0.2600	\$80,600.00	\$0.00	\$16,120.00	\$16,120.00
Е	E	OPP	S0234975	May-15	Jan-16	Jan-16	9	4	TCO	WV	155,000	\$0,1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	ε	OPP	S0235066	Aug-15	Jan-16	Jan-16	6	1	TCO	WV	310,000	\$0.2600	\$80,600.00	\$0.00	\$13,433.33	\$13,433.33
E	E	OPP	S0235067	Aug-15	Feb-16	Feb-16	7	1	TCO	WV	290000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
E	E	OPP	50234976	May-15	Feb-16	Feb-16	10	4	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
			8								1,470,500		\$316,060.00	•	\$49,538.79	\$49,538.79

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## SEPTEMBER 2015

## Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Sep-15

<u>Ln.</u>	PBR Component D	<u>escription</u>		Sep-15		•
1	CPS = (TPBR) x ASP	I		\$24,110.42		30% of first 2% of AGC
2	CPS = (TPBR) x ASP	•		<u>\$254,908.16</u>		50% of remainder
3	Total Company Pe	rformance Shar	e	\$279,018.58		
4	TCI (includes Marl	keted CapR)		\$421,266.37		
5	GCI			\$113,173.19		
6	OSSI		Sales	\$6,206.03		
			Exch	\$49,538.79	(1)	
7	TPBR = (TCI+GCI+C	DSSI)		\$590,184.38		
8	AGC (**Total Gas	Cost)		\$4,018,402.58		
		Sys Supply Purc	:h	\$2,573,242.21		
		Chesapeake		\$15,322.00		
		Misc Adjustme	nt	\$0.00		
•		Transportation		\$1,429,838.37		
9	2% of AGC		-	\$80,368		
10	PAC = (TPBR) / AG	с		14.69%		

Acronyms:

CPS = Company Performance Share	**Total Gas Cost = System Supply Purchase + Trans
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	

(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-15

			Contract	Rate				
		<u>Pipeline</u>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.5810	Demand Vol @ Max Rate	\$319,503.99
		тсо	80160	SST	95,440	\$5.9610	Demand Vol @ Max Rate	\$568,917.84
		тсо	81540	SST	15,000	\$5.9610	Demand Vol @ Max Rate	<u>\$89,415.00</u>
								\$977,836.83
						Disc Rate		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.6028	Demand Vol @ Disc Rate	\$94,385.02
		тсо	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 C	ap Release				1	\$5.6900		<u>(\$5.96)</u>
								\$556,570.46

Total TCI \$421,266.37

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

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# Flow Period: Sep-15

																	_																
sulated	oy P/L	TGP 500	\$2.6350	\$2.6550	\$2,6500	\$2.6383	\$2.6450	\$2,6450	\$2.6450	\$2.6383	\$2,6500	\$2.6317	\$2,6317	\$2,6300	\$2,6300	\$2,6300	\$2.6200	\$2,6267	\$2,6067	\$2.5950	\$2.5883	\$2.5883	\$2.5883	\$2,5333	\$2.5367	\$2.5350	\$2.5200	\$2.5167	\$2.5167	\$2.5167	\$2,4800	\$2,4550	\$2.5926
Weighted Avg Calculated	Benchmark Rate by P/L	CGT Main	\$2,6083	\$2,6283	\$2,6183	\$2,6067	\$2,6117	\$2.6117	\$2.6117	\$2.6050	\$2.6167	\$2,6050	\$2.5983	\$2.5967	\$2.5967	\$2,5967	\$2.5817	\$2,5933	\$2.5733	\$2.5667	\$2.5500	\$2.5500	\$2.5500	\$2.5150	\$2.5167	\$2.5183	\$2.5100	\$2.5000	\$2.5000	\$2.5000	\$2,4633	\$2,4350	\$2.5645
Weight	Bench	TCO P10	\$2 5917	\$2,6200	\$2,6133	\$2.5900	\$2.5850	\$2.5850	\$2.5850	\$2,5750	\$2.6050	\$2,6950	\$2.5767	\$2,5600	\$2,5600	\$2,5600	\$2.5233	\$2.5417	\$2.5233	\$2.5167	\$2.4950	\$2.4950	\$2.4950	\$2.4700	\$2.4733	\$2.4717	\$2,4650	\$2.4517	\$2.4517	\$2.4517	\$2.4083	\$2.3833	\$2.5273
	GW)	TGP 500	\$2.6700	\$2,6700	\$2.6700	\$2.6700	\$2,6700	\$2.6700	\$2.6700	\$2.6500	\$2.6500	\$2,6500	\$2.6500	\$2,6500	\$2.6500	\$2,6500	\$2,6000	\$2.6000	\$2,6000	\$2.6000	\$2,600	\$2,6000	\$2,6000	\$2,4800	\$2.4800	\$2.4800	\$2,4800	\$2.4800	\$2.4800	\$2.4800	\$2.3000	\$2,3000	\$2.5800
Weekly Spot Price	Natural Gas Week (NGW)	CGT Main	(Rayne) \$2.6300	\$2,6300	\$2.6300	\$2,6300	\$2,6300	\$2,6300	\$2.6300	\$2.6100	\$2,6100	\$2.6100	\$2.6100	\$2,6100	\$2.6100	\$2,6100	\$2.5500	\$2.5500	\$2.5500	\$2.5600	\$2.5500	\$2.5500	\$2,5500	\$2.4700	\$2,4700	\$2.4700	\$2.4700	\$2.4700	\$2.4700	\$2,4700	\$2.2700	\$2.2700	\$2,5453
M	Natur	TCO P10	\$2.6100	\$2,6100	\$2,6100	\$2.6100	\$2.6100	\$2,6100	\$2.6100	\$2.5800	\$2,5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2,5800	\$2.4800	\$2,4800	\$2,4800	\$2.4800	\$2.4800	\$2,4800	\$2.4800	\$2.4200	\$2.4200	\$2.4200	\$2.4200	\$2,4200	\$2.4200	\$2.4200	\$2.2000	\$2.2000	\$2.5010
	ないかい こ うちないない	SCITCP 500.57	25.6350 \$2.6350	\$2,6950	\$2.6800	\$2.6450	\$2,6650	\$2.6650	\$2.6650	\$2.6650	\$2.7000	\$2.6450	\$2.6450	\$2.6400	\$2,6400	\$2,6400	\$2.6600	\$2.6800	\$2.6200	\$2.5850	\$2.5650	\$2.5650	\$2.5650	\$2.5200	\$2.5300	\$2.5250	\$2,4800	\$2.4700	\$2,4700	\$2.4700	\$2.5400	\$2.4650	\$2.5978
	Gas Daily & Weile	>TCO.P10@PriveCGT Main \$200£37CP 500£3	22.6150 \$2.6150	\$2,6750	\$2.6450	\$2.6100	\$2.6250	\$2.6250	\$2.6250	\$2.6250	\$2.6600	\$2,6250	\$2.6050	\$2.6000	\$2.6000	\$2,6000	\$2.6150	\$2.6500	\$2.5900	\$2,5700	\$2.5200	\$2.5200	\$2.5200	\$2,4950	\$2.5000	\$2.5050	\$2,4800	\$2.4500	\$2.4500	\$2,4500	\$2.5400	\$2.4550	\$2.5682
	a san hangin dahari	TCO PIDE:	\$2 6050	\$2,6900	\$2,6700	\$2.6000	\$2,5850	\$2.5850	\$2.5850	\$2.5850	\$2.6750	\$2,6450	\$2.5900	\$2.5400	\$2.5400	\$2.5400	\$2,5300	\$2,5850	\$2.5300	\$2.5100	\$2.4450	\$2,4450	\$2.4450	\$2,4300	\$2,4400	\$2,4350	\$2,4150	\$2,3750	\$2,3750	\$2.3750	\$2,4650	\$2,3900	\$2.5208
		TGP 500	\$2,6000	\$2,6000	\$2,6000	\$2.6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2.6000	\$2.6000	\$2,6000	\$2.6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2.6000	\$2,6000	\$2,6000	\$2,6000	\$2,6000	\$2.6000	\$2_6000	\$2.6000	\$2.6000	\$2.6000	\$2.6000	 \$2.6000
	Inside FERC	CGT Main	\$2 5800	\$2,5800	\$2,5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2,5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2.5800	\$2,6800	\$2.5800	\$2.5800	\$2,5800	\$2,5800	\$2.5800	\$2.5800	\$2,5800	\$2,5800	\$2.5800	\$2.5800	\$2,5800	\$2.5800
		TCO P10	\$2,5600	\$2,5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2,5600	\$2,5600	\$2.5600	\$2.5600	\$2,5600	\$2,5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2.5600	\$2,5600	\$2,5600	\$2.5600	\$2.5600
•	Flow	Date	8/1/15	9/2/15	9/3/15	9/4/15	9/5/15	9/6/15	8/7/15	9/8/15	9/8/15	9/10/15	9/11/15	9/12/15	9/13/15	9/14/15	9/15/15	9/16/15	9/17/15	9/18/15	9/19/15	9/20/15	9/21/15	9/22/15	9/23/15	9/24/15	9/25/15	9/26/15	9/27/15	9/28/15	9/29/15	8/30/15	Avg Rate

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	GCI Savings (Cost) \$113,173,19 \$0.00 \$0.00	\$113,173.19
NTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL	Benchmark <u>Cost</u> \$2,688,415,40 \$0.00 \$0.00	
	Purchase <u>Cost</u> \$2,573,242-21 \$0.00 \$0.00	
	Purchase <u>Volume</u> 1,082,968 0	
	<u>Rec Point</u> P10 MrL 500	
	<u>Pupeling</u> TCO CGT TENN	
N N N		

COLUMBIA GAS OF KENTUCKY Off-System Sales - SALES Activity Booking Report Sep-15

Sep-15							BOOLDENIG NVO	ICED SAVES AM		
							Sales Amounts			ļ
			RECEIPT	DELIVERY		STATE	····			MARGIN
DATA •	SALES		FLOW	FLOW	DELIVERY		VOLUMES	SALES	TOTAL	
STATUS		SALES ID	DATE	DATE	<u>POINT</u>	SALE	INVOICED	RATE	SALE	
							Dth	\$/Dth	\$	
1	S	S0238101	9/1/15	9/1/15	TCO	wv	4,000	\$2.3850	\$9.540.00	\$20.00
i	s	S0238102	9/1/15	9/1/15		ŵv	600	\$2.3900	\$1,434.00	\$3.00
1	S	50238103	9/1/15	9/1/15		ŵv	1,000	\$2.4050	\$2,405.00	\$25.00
i	š	S0238106	9/1/15	9/1/15		ŵv	32	\$2,4000	\$76.80	\$0.48
i	S S	S0238108	9/1/15	9/1/15		ŵv	500	\$2.5050	\$1,252.50	\$13.75
i	s	S0238109	9/1/15	9/1/15		WV	5,000	\$2.5100	\$12,550.00	\$25.00
1		S0238110	9/1/15	9/1/15		ŴV	5,000	\$2,5100	\$12,550.00	\$211.25
i	S S S	S0238111	9/1/15	9/1/15		wv	5,000	\$2.5100	\$12,550.00	\$650.00
1	š	\$0238112	9/1/15	9/1/15		wv	2,500	\$2.5100	\$6,275.00	\$318.75
1		S0238061	9/1/15	9/1/15		wv	1,200	\$2,4450	\$2,934.00	\$6.00
1	S S S	S0238070	9/1/15	9/1/15		WV	10,000	\$2,4325	\$24,325.00	\$75.00
i	ŝ	S0238071	9/1/15	9/1/15		WV	300	\$2.4300	\$729.00	\$1.50
1	ŝ	S0238086	9/1/15	9/1/15		ŴV	18,000	\$2.5000	\$45,000.00	\$405.00
i	š	S0238094	9/1/15	9/1/15		ŵv	14,000	\$2.4800	\$34,720.00	\$165.06
i	S	S0238095	9/1/15	9/1/15		ŵv	1,000	\$2.4800	\$2,480.00	\$2.50
i	š	S0238096	9/1/15	9/1/15		wv	5,000	\$2.4000	\$12,000.00	\$50.00
1	s	S0238097	9/1/15	9/1/15		WV	5,000	\$2.3950	\$11,975.00	\$25.00
1		S0238098	9/1/15	9/1/15		wv	10,000	\$2.3900	\$23,900.00	\$75.00
i	s S S	S0238099	9/1/15	9/1/15		WV	5,000	\$2,3900	\$11,950.00	\$40.50
i	ŝ	S0238100	9/1/15	9/1/15		WV	5.000	\$2.3900	\$11,950.00	\$37.50
Î	S	S0238046	9/1/15	9/1/15		wv	900	\$2.4400	\$2,196.00	\$6.75
i	S	S0238047	9/1/15	9/1/15		wv	4,500	\$2.4400	\$10,980.00	\$33.75
1	S S	S0238048	9/1/15	9/1/15		WV	1,100	\$2,4375	\$2,681.25	\$5.50
1	S	S0238051	9/1/15	9/1/15		wv	2,700	\$2.4500	\$6,615.00	\$20.25
1	s	S0238052	9/1/15	9/1/15		WV	600	\$2.4475	\$1,468.50	\$3.00
1	\$ \$ \$ \$	\$0238053	9/1/15	9/1/15	TCO	WV	2,000	\$2.4650	\$4,930.00	\$45.00
1	S	S0238054	9/1/15	9/1/15	TCO	WV	2,700	\$2,4875	\$6,716.25	\$121.50
1	S	S0238057	9/1/15	9/1/15	тсо	wv	4,000	\$2.4475	\$9,790.00	\$50.00
1	S	S0238058	9/1/15	9/1/15	TCO	WV	1,000	\$2.4475	\$2,447.50	\$12.50
1	s S S	S0238059	9/1/15	9/1/15		WV	5,000	\$2.4450	\$12,225.00	\$50.00
1	s	S0238060	9/1/15	9/1/15		'WV	5,000	\$2,4450	\$12,225.00	\$16.25
1	S S	S0237998	9/1/15	9/1/15		WV	10,000	\$2.6850	\$26,850.00	\$100.00
I	S	S0237999	9/1/15	9/1/15		wv	5,100	\$2,7000	\$13,770.00	\$129.74
1	S	S0238000	9/1/15	9/1/15		WV	4,000	\$2.7000	\$10,800.00	\$110.00
1	s s s	S0238028	9/1/15	9/1/15		WV	5,000	\$2.5700	\$12,850.00	\$225.00
1	S	S0238029	9/1/15	9/1/15		WV	5,000	\$2,5700	\$12,850.00	\$225.00
1	S	S0238030	9/1/15	9/1/15		WV	6,000	\$2,5750	\$15,450.00	\$300.00
l	s s	S0238033	9/1/15	9/1/15		wv	60,000	\$2.4450	\$146,700.00	\$300.00
	S	S0238034	9/1/15	9/1/15		WV	3,900	\$2.4450	\$9,535.50	\$19.50
1	s S S	S0238043	9/1/15	9/1/15		wv	4,500	\$2,4600	\$11,070.00	\$122.00
i.	S	S0238044	9/1/15	9/1/15		wv	9,000	\$2.4400	\$21,960.00	\$67.50
!	S	S0238045	9/1/15	9/1/15		WV	700	\$2.4400	\$1,708.00	\$5.25 \$175.00
!	S	S0237928	9/1/15	9/1/15		WV	5,000	\$2.6375	\$13,187.50	\$175.00
!	S	\$0237929	9/1/15 0/1/15	9/1/15		WV	3,400	\$2.6375	\$8,967.50	\$119.00 \$222.26
1	5	S0237930	9/1/15	9/1/15		WV WV	5,100	\$2.6375 \$2.6400	\$13,451.25 \$3,960.00	\$75.00
1	\$ \$ \$ \$ \$ \$ \$ \$	S0237936	9/1/15	9/1/15		wv	1,500	\$2,6525		\$718.50
1	5	S0237989	9/1/15	9/1/15			15,000	\$2,6525 \$2.6650	\$39,787.50	\$50.00
1	S S	S0237990	9/1/15	9/1/15		WV MOZ	5,000	\$2,6800	\$13,325.00 \$13,400.00	\$125.00
1	3	S0237991	9/1/15	9/1/15		WV MV	5,000			\$125.00
-	S	S0237992	9/1/15 9/1/15	9/1/15		wv wv	10,000 5,500	\$2.6600 \$2.6600	\$26,600.00 \$14,630.00	\$99.99
1	S S	S0237993		9/1/15 9/1/15		ŴV	4,500	\$2.6600	\$11,970.00	\$315.00
1	S S	S0237994 S0237995	9/1/15 9/1/15	9/1/15		wv	10,000	\$2.6600	\$26,600.00	\$137.50
•	3	30231393	8/1/13	8/1/15	100		10,000	φ <b>ε.</b> 0000	920,000.00	\$10r.00
		53					310,832	•	\$782,293.05	\$6,206.03
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#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Sep-15

										Ĺ		Sales Amounts		Curre	ent Month Prora	tion
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	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN
E	E	OPP	S0237249	Sep-15	Jun-15	Sep-15	4 -	4	тсо	wv	90,000	\$0.0200	\$1,800.00	\$0.00	\$450.00	\$450.00
E	E	OPP	50237369	Oct-15	Jul-15	Oct-15	4	3	тсо	wv	15,500	\$0.0200	\$310.00	\$0.00	\$77.50	\$77.50
E	E	OPP	S0234974	May-15	Dec-15	Dec-15	8	5	тсо	wv	155000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	Е	OPP	S0235065	Aug-15	Dec-15	Dec-15	5	2	TCO	wv	310,000	\$0.2600	\$80,600.00	\$0.00	\$16,120.00	\$16,120.00
E	Е	OPP	S0234975	May-15	Jan-16	Jan-16	9	5	TCO	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	Е	OPP	S0235066	Aug-15	Jan-16	Jan-16	6	2	TCO	WV	310,000	\$0.2600	\$80,600.00	\$0.00	\$13,433.33	\$13,433.33
E	E	OPP	S0234976	May-15	Feb-16	Feb-16	10	5	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
E	E	OPP	S0235067	Aug-15	Feb-16	Feb-16	7	2	тсо	WV	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
			8								1,470,500		\$316,060.00		\$49,538.79	\$49,538.79

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# OCTOBER 2015

NEW TRANSFORMED FOR THE

Businesses .....

# Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Oct-15

	PBR Component Des CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Perf		Oct-15 \$20,908.48 <u>\$352,789.12</u> <b>\$373,697.60</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marke	ted CapR)	\$617,407.81	-	
5	GCI		\$97,376.21		
6	OSSI	Sales	\$6,900.40		
		Exch	\$53,588.76	(1)	
7	TPBR = (TCI+GCI+OS	SI)	\$775,273.18		
8	AGC (**Total Gas Co	st)	\$3,484,746.94		
	S	ys Supply Purch	\$1,588,162.49		
	C	Chesapeake	\$24,599.49		
	Ν	/lisc Adjustment	\$0.00		
	Т	ransportation	\$1,871,984.96		
9	2% of AGC		\$69,694.94		
10	PAC = (TPBR) / AGC		22.25%		
CPS TPB ASP	<u>onyms:</u> = Company Performa R = Total Performanc = Applicable Sharing C = Percent of Actual G	e Based Results Percentage	**Total Gas Cost =	- Syst	em Supply Purchase + Trans

AGC = Actual Gas Costs

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

(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-15

			Contract	Rate				
		<u> Pipeline</u>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.5810	Demand Vol @ Max Rate	\$319,503.99
		TCO	80160	SST	190,880	\$5.9610	Demand Vol @ Max Rate	\$1,137,835.68
		тсо	81540	SST	30,000	\$5.9610	Demand Vol @ Max Rate	\$178,830.00
				,				\$1,636,169.67
						Disc Rate		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.6028	Demand Vol @ Disc Rate	\$94,385.02
		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 C	ap Release				1	\$5.6900		<u>(\$5.96)</u>
								\$1,018,761.86

Total TCI \$617,407.81

- 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-15

							Y	Veekly Spot Pric	:0		ted Avg Cald	
Flow		nside FERC		13 14 18 - 4 X 7	Gas Dally	*	Natu	ral Gas Week (N	IGW)	Benc	umark Rate b	y P/L
Date	TCO P10	CGT Main	TGP 500	STCO P10	CGT Main	TGP-500 深	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP_500
				SHO LANDA	Hander 21-Adams			(Rayne)				
10/1/15	\$2.3900	\$2.470D	\$2,5000	\$2.3400	\$2.3950	\$2.4150	\$2.2000	\$2.2700	\$2,3000	\$2.3100	\$2.3783	\$2.4050
10/2/15	\$2,3900	\$2.4700	\$2,5000	\$2,2500	\$2,3100	\$2.3200	\$2.2000	\$2.2700	\$2,3000	\$2.2800	\$2.3500	\$2.3733
10/3/15	\$2.3900	\$2,4700	\$2,5000	\$2.1250	\$2,2000	\$2,2600	\$2,2000	\$2.2700	\$2.3000	\$2.2383	\$2.3133	\$2,3533
10/4/15	\$2,3900	\$2,4700	\$2,5000	\$2.1250	\$2.2000	\$2.2600	\$2.2000	\$2.2700	\$2.3000	\$2.2383	\$2.3133	\$2.3533
10/5/15	\$2.3900	\$2.4700	\$2.5000	\$2,1250	\$2.2000	\$2,2600	\$2.2000	\$2.2700	\$2.3000	\$2.2383	\$2.3133	\$2.3533
10/6/15	\$2,3900	\$2.4700	\$2.5000	\$2,1850	\$2.2550	\$2.2900	\$2.2200	\$2.3100	\$2.3400	\$2.2650	\$2.3450	\$2,3767
10/7/15	\$2.3900	\$2,4700	\$2,5000	\$2.2150	\$2.2800	\$2.3150	\$2.2200	\$2.3100	\$2.3400	\$2.2750	\$2.3533	\$2.3850
10/8/15	\$2,3900	\$2.4700	\$2.5000	\$2,2750	\$2.3650	\$2.4200	\$2.2200	\$2.3100	\$2,3400	\$2,2950	\$2.3817	\$2,4200
10/9/15	\$2.3900	\$2,4700	\$2,5000	\$2.2750	\$2,3550	\$2.3800	\$2.2200	\$2.3100	\$2.3400	\$2.2950	\$2.3783	\$2.4067
10/10/15	\$2.3900	\$2,4700	\$2.5000	\$2.2150	\$2.2950	\$2.3500	\$2.2200	\$2.3100	\$2.3400	\$2,2750	\$2.3583	\$2,3967
10/11/15	\$2.3900	\$2,4700	\$2,5000	\$2_2150	\$2,2950	\$2.3500	\$2.2200	\$2.3100	\$2.3400	\$2.2750	\$2.3583	\$2.3967
10/12/15	\$2.3900	\$2,4700	\$2.5000	\$2.2150	\$2.2950	\$2.3500	\$2.2200	\$2.3100	\$2,3400	\$2.2750	\$2.3583	\$2.3967
10/13/15	\$2.3900	\$2.4700	\$2.5000	\$2.3050	\$2.3700	\$2.4100	\$2,3000	\$2.3400	\$2,3900	\$2.3317	\$2.3933	\$2.4333
10/14/15	\$2.3900	\$2,4700	\$2.5000	\$2.3100	\$2.3550	\$2.3850	\$2.3000	\$2.3400	\$2.3900	\$2.3333	\$2.3883	\$2.4250
10/15/15	\$2.3900	\$2,4700	\$2.5000	\$2.3150	\$2.3700	\$2,4150	\$2.3000	\$2.3400	\$2.3900	\$2.3350	\$2.3933	\$2.4350
10/16/15	\$2.3900	\$2,4700	\$2.5000	\$2,3750	\$2.4400	\$2.4700	\$2.3000	\$2.3400	\$2.3900	\$2.3550	\$2,4167	\$2,4533
10/17/15	\$2.3900	\$2.4700	\$2.5000	\$2.2950	\$2.3350	\$2,3500	\$2,3000	\$2.3400	\$2.3900	\$2.3283	\$2.3817	\$2.4133
10/18/15	\$2.3900	\$2,4700	\$2,5000	\$2.2950	\$2.3350	\$2.3500	\$2.3000	\$2.3400	\$2.3900	\$2,3283	\$2.3817	\$2,4133
10/19/15	\$2.3900	\$2,4700	\$2,5000	\$2.2950	\$2.3350	\$2.3500	\$2.3000	52.3400	\$2.3900	\$2.3283	\$2.3817	\$2.4133
10/20/15	\$2,3900	\$2,4700	\$2.5000	\$2.2850	\$2.3400	\$2.3650	\$2.1700	\$2.2400	\$2.2500	\$2.2817	\$2.3500	\$2.3717
10/21/15	\$2.3900	\$2.4700	\$2.5000	\$2,2900	\$2.3350	\$2.3650	\$2,1700	\$2.2400	\$2.2500	\$2.2833	\$2.3483	\$2.3717
10/22/15	\$2,3900	\$2.4700	\$2,5000	\$2.2100	\$2.2700	\$2.3000	\$2.1700	\$2.2400	\$2.2500	\$2.2567	\$2.3267	\$2.3500
10/23/15	\$2,3900	\$2,4700	\$2.5000	\$2.2100	\$2.2700	\$2.2950	\$2,1700	\$2.2400	\$2.2500	\$2.2567	\$2,3267	\$2.3483
10/24/15	\$2.3900	\$2,4700	\$2,5000	\$2,1200	\$2.1700	\$2.1900	\$2.1700	\$2.2400	\$2.2500	\$2.2267	\$2.2933	\$2.3133
10/25/15	\$2.3900	\$2.4700	\$2,5000	\$2,1200	\$2.1700	\$2,1900	\$2.1700	\$2.2400	\$2.2500	\$2.2267	\$2,2933	\$2.3133
10/26/15	\$2.3900	\$2.4700	\$2,5000	\$2.1200	\$2,1700	\$2,1900	\$2.1700	\$2,2400	\$2.2500	\$2.2267	\$2.2933	\$2.3133
10/27/15	\$2.3900	\$2.4700	\$2.5000	\$2.0250	\$2.0750	\$2,1000	\$1.9300	\$2.0000	\$1.9900	\$2,1150	\$2.1817	\$2.1967
10/28/15	\$2,3900	\$2.4700	\$2,5000	\$1.9700	\$2.0250	\$2.0750	\$1.9300	\$2.0000	\$1.9900	\$2.0967	\$2.1650	\$2,1883
10/29/15	\$2.3900	\$2.4700	\$2,5000	\$1,9850	\$2.0450	\$2,0550	\$1.9300	\$2.0000	\$1,9900	\$2.1017	\$2.1717	\$2.1817
10/30/15	\$2.3900	\$2,4700	52.5000	\$2,0200	\$2.0750	\$2.0850	\$1.9300	\$2,0000	\$1,9900	\$2.1133	\$2,1817	\$2,1917
10/31/15	\$2.3900	\$2,4700	\$2.5000	\$2.0200	\$2.0750	\$2.0850	\$1.9300	\$2.0000	\$1.9900	\$2.1133	\$2.1817	\$2.1917
Avg Rato	\$2.3900	\$2.4700	\$2.5000	\$2,1976	\$2.2582	\$2.2902	\$2,1768	\$2.2445	\$2.2681	\$2,2548	\$2.3242	\$2.3527

<u>Pipeline</u> TCO	Rec Point P10	Purchase <u>Volume</u> 747,700	Purchaso <u>Cost</u> \$1,588,526,49	Benchmark <u>Cost</u> \$1,685,902.70	GCI Savings (Cost) \$97,376,21
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

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# COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report Oct-15

									ICED SALES AN	IOUNTS	·
				د					Sales Amount	<u>s</u>	
				RECEIPT	DELIVERY		STATE			· L	MARGIN
Ľ	DATA *	SALES		FLOW	FLOW	DELIVERY		VOLUMES	SALES	TOTAL	
<u>S</u>	<u>TATUS</u>	<u>TYPE **</u>	<u>SALES ID</u>	<u>DATE</u>	<u>DATE</u>	<u>POINT</u>	<u>SALE</u>	<b>INVOICED</b>	<u>RATE</u>	SALE	
								Dth	\$/Dth	\$	
I		s	S0238315	10/1/15	10/1/15	тсо	wv	5,000	\$2.3675	\$11,837.50	\$387.50
I		S	S0238334	10/1/15	10/1/15	тсо	WV	600	\$2.2300	\$1,338.00	\$18.00
1		S	S0238349	10/1/15	10/1/15	TCO	WV	10,000	\$2.2200	\$22,200.00	\$177.20
I		S	S0238357	10/1/15	10/1/15	тсо	WV	5,100	\$2.2000	\$11,220.00	\$102.00
I		S	S0238358	10/1/15	10/1/15	тсо	WV	5,000	\$2.2200	\$11,100.00	\$50.00
I		S S	S0238426	10/1/15	10/1/15	тсо	WV	5,000	\$1.9600	\$9,800.00	\$225.00
I I		S	S0238445	10/1/15	10/1/15	тсо	WV	5,000	\$1.9975	\$9,987.50	\$37.50
I		S	S0238450	10/1/15	10/1/15	тсо	WV	5,000	\$2.0150	\$10,075.00	\$51.95
1		S	S0238166	10/1/15	10/1/15	тсо	WV	10,000	\$2.2150	\$22,150.00	\$300.00
I		S	S0238167	10/1/15	10/1/15	тсо	WV	3,000	\$2.2100	\$6,630.00	\$90.00
I		S	S0238173	10/1/15	10/1/15	тсо	WV	10,000	\$2.2750	\$22,750.00	\$200.00
[		S S	S0238185	10/1/15	10/1/15	тсо	WV	10,500	\$2.3025	\$24,176.25	\$397.53
I		S	S0238215	10/1/15	10/1/15	тсо	WV	10,200	\$2.2800	\$23,256.00	\$816.00
1		S	S0238225	10/1/15	10/1/15	тсо	WV	27,300	\$2.3000	\$62,790.00	\$950.31
1		S	S0238231	10/1/15	10/1/15	тсо	WV	5,200	\$2.2750	\$11,830.00	\$104.99
1		S	S0238234	10/1/15	10/1/15	тсо	WV	2,200	\$2.3375	\$5,142.50	\$82.50
1		S	S0238254	10/1/15	10/1/15	тсо	WV	10,000	\$2.2600	\$22,600.00	\$83.50
1		S	S0238255	10/1/15	10/1/15	тсо	WV	10,000	\$2.2500	\$22,500.00	\$298.00
1		S	S0238256	10/1/15	10/1/15	тсо	WV	10,000	\$2.2500	\$22,500.00	\$75.00
I I		S	S0238127	10/1/15	10/1/15	тсо	WV	<b>10</b> 0	\$2.2800	\$228.00	\$2.50
I I		S	S0238142	10/1/15	10/1/15	тсо	WV	15,000	\$2.1375	\$32,062.50	\$112.50
i		S S	S0238143	10/1/15	10/1/15	тсо	WV	. 300	\$2.1500	\$645.00	\$3.75
1		S	S0238144	10/1/15	10/1/15	TCO	WV	7,500	\$2.1650	\$16,237.50	\$206.25
1		S	S0238145	10/1/15	10/1/15	тсо	WV	7,500	\$2.1650	\$16,237.50	\$206.25
1		S	S0238146	10/1/15	10/1/15	тсо	WV	- 6,300	\$2.1650	\$13,639.50	\$220.50
1		S	S0238147	10/1/15	10/1/15	тсо	WV	6,300	\$2.1650	\$13,639.50	\$173.25
1		S	S0238149	10/1/15	10/1/15	тсо	WV	2,400	\$2.1675	\$5,202.00	\$18.00
1		S	S0238152	10/1/15	10/1/15	тсо	WV	200	\$2.1825	\$436.50	\$4.50
1		S	S0238153	10/1/15	10/1/15	тсо	WV	22,000	\$2.2150	\$48,730.00	\$1,305.92
1		S	S0238161	10/1/15	10/1/15	тсо	WV	2,500	\$2.2300	\$5,575.00	\$200.00
			30					219,200		\$486,515.75	\$6,900.40

#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Oct-15

												Sales Amounts		Curre	ent Month Prora	tion
DATA STATUS	SALES	EXCH TYPE	SALES ID	receipt Flow Date	DELIVERY FLOW DATE	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY	STATE OF SALE	VOLUMES	SALES RATE	TOTAL	TRANSPORT	TOTAL	MONTHLY
SIAIUS	1175	1176	JALCJ ID	DATE	DAJE	MONTR		EAFINED	ruiti	JALL	Dth	\$/Dth	\$		Shee	in along
E	E	OPP	S0237369	Oct-15	Jul-15	Oct-15	4	4	тсо	wv	15,500	\$0.0200	\$310.00	\$0.00	\$77.50	\$77.50
E	E	OPP	S0238479	Nov-15	Oct-15	Nov-15	2	1	тсо	WV	149,999	\$0.0600	\$8,999.94	\$0.00	\$4,499.97	\$4,499.97
E	E	OPP	S0234974	May-15	Dec-15	Dec-15	8	6	тсо	wv	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	E	OPP	S0235065	Aug-15	Dec-15	Dec-15	5	3	TCO	wv	310,000	\$0.2600	\$80,600.00	\$0.00	\$16,120.00	\$16,120.00
E	E	OPP	S0234975	May-15	Jan-16	Jan-16	9	6	тсо	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	Ę	OPP	S0235066	Aug-15	Jan-16	Jan-16	6	3	TCO	wv	310,000	\$0.2600	\$80,600.00	\$0.00	\$13,433.33	\$13,433.33
Е	E	OPP	S0234976	May-15	Feb-16	Feb-16	10	6	тсо	wv	145,000	\$0,1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
E	E	OPP	S0235067	Aug-15	Feb-16	Feb-16	7	з	TCO	wv	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
			8								1,530,499		\$323,259.94		\$53,588.76	\$53,588.76

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# NOVEMBER 2015

# Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Nov-15

	PBR Component Description CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Performance S	Share	<b>Nov-15</b> \$14,638.96 \$334,277.90 <b>\$348,916.86</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marketed CapR)		\$607,847.91		
5	GCI		(\$8,588.51)		
6	OSS1	Sales	\$52 <b>,491.67</b>		
		Exch	\$65,601.26	(1)	
7	TPBR = (TCI+GCI+OSSI)		\$717,352.33		
8	AGC (**Total Gas Cost)		\$2,439,826.59		
	Sys Supply	Purch	\$521,344.99		
	Chesapeak		\$46,548.06		
	Misc Adjus		\$142,738.65		
	Transporta		\$1,729,194.89		
9	2% of AGC		\$48,796.53		
10	PAC = (TPBR) / AGC		29.40%		
CPS TPB ASP PAC	onyms: = Company Performance Share R = Total Performance Based Ro = Applicable Sharing Percentag C = Percent of Actual Gas Costs C = Actual Gas Costs	esults	**Total Gas Cost =	- Syst	em Supply Purchase + Transpc

TCI = Transportation Cost Incentive

OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

(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-15

			Contract	Rate				
		<b>Pipeline</b>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	190,880	\$5.9610	Demand Vol @ Max Rate	\$1,137,835.68
		тсо	81540	SST	30,000	\$5.9610	Demand Vol @ Max Rate	<u>\$178,830.00</u>
								\$1,626,189.40
						Disc Rate		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.65
CKI COSI	(IAIC)		+ •		•	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		тсо	80160	SST	190,880		· •	• •
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Ca	ap Release				1	\$5.6900		<u>(\$5.96)</u>
	•							\$1,018,341.49

Total TCI \$607,847.91

- 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-15

						I		eekly Spot Pric	e	Weigh	ted Avg Calc	ulated
Flow		nside FERC		1.0.4	Gas Daily!	nen	· Natu	ral Gas Week (N	IGW)	Benc	hmark Rate b	
Date	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main at	ATGP 500	TCO P10	CGT Main	TGP 500	TC <u>O P10</u>	CGT Main	TGP 500
				目示的形象的目光		制的法则 计函数器		(Rayne)			-	
11/1/15	\$1.8800	\$1,9400	\$1.9700	\$1.8150	\$1,9050	\$1,9100	\$1.9300	\$2,0000	\$1.9900	\$1.8750	\$1,9483	\$1.9567
11/2/15	\$1.8800	\$1,9400	\$1.9700	\$1.8150	\$1.9050	\$1.9100	\$1.9300	\$2.0000	\$1.9900	\$1,8750	\$1.9483	\$1.9567
11/3/15	\$1.8800	\$1,9400	\$1.9700	\$1.7700	\$1.8600	\$1,8950	\$1.9600	\$2.0300	\$2.0200	\$1.8700	\$1.9433	\$1.9617
11/4/15	\$1.8800	\$1,9400	\$1.9700	\$1.7550	\$1.8350	\$1.8950	\$1.9600	\$2.0300	52.0200	\$1.8650	\$1.9350	\$1.9617
11/5/15	\$1,8800	\$1.9400	\$1.9700	\$1.9100	\$1.9700	\$2.0150	\$1.9600	\$2.0300	\$2.0200	\$1.9167	\$1.9800	\$2.0017
11/8/15	\$1.8800	\$1.9400	\$1.9700	\$1,9750	\$2.0500	\$2.0750	\$1.9600	\$2.0300	\$2.0200	\$1,9383	\$2.0067	\$2.0217
11/7/15	\$1.8800	\$1.9400	\$1.9700	\$2.0300	\$2.0800	\$2.1000	\$1.9600	\$2.0300	\$2.0200	\$1.9567	\$2.0167	\$2,0300
11/8/15	\$1.8800	\$1,9400	\$1.9700	\$2.0300	\$2,0800	\$2,1000	\$1.9600	\$2.0300	S2.0200	\$1.9567	\$2.0167	\$2,0300
11/9/15	\$1.8800	\$1.9400	\$1.9700	\$2,0300	\$2,0800	\$2,1000	\$1.9600	\$2,0300	\$2.0200	\$1.9567	\$2.0167	\$2.0300
11/10/15	\$1.8800	\$1,9400	\$1.9700	\$1.9750	\$2.0350	\$2.0550	\$1.9400	\$1.9700	\$2.0000	\$1.9317	\$1.9817	\$2.0083
11/11/15	\$1.8800	\$1.9400	\$1.9700	\$2,0100	\$2.0600	\$2.0700	\$1.9400	\$1.9700	S2.0000	\$1,9433	\$1.9900	\$2.0133
11/12/15	\$1.8800	\$1.9400	\$1,9700	\$1,9950	\$2.0400	\$2.0300	\$1.9400	\$1.9700	\$2,0000	\$1.9383	\$1,9833	\$2.0000
11/13/15	\$1.8800	\$1.9400	S1.9700	\$1,9050	\$1.9400	\$1.9550	\$1,9400	\$1.9700	S2.0000	\$1.9083	\$1.9500	\$1,9750
11/14/15	\$1.8800	\$1.9400	\$1.9700	\$1.9100	\$1.9550	\$1.9900	\$1.9400	\$1.9700	\$2.0000	\$1.9100	\$1.9550	\$1.9867
11/15/15	\$1.8800	\$1.9400	\$1.9700	\$1.9100	\$1.9550	\$1.9900	\$1.9400	\$1.9700	\$2,0000	\$1.9100	\$1.9550	\$1.9867
11/16/15	\$1.8800	\$1.9400	\$1.9700	\$1,9100	\$1.9550	\$1,9900	\$1.9400	\$1.9700	\$2,0000	\$1.9100	\$1.9550	\$1.9867
11/17/15	\$1.6800	\$1.9400	\$1.9700	\$1,9600	\$2.0300	\$2,0500	\$2.0500	\$2.0700	\$2,1500	\$1.9633	\$2.0133	\$2.0567
11/18/15	\$1.8800	\$1.9400	\$1.9700	\$1.8750	\$1.9450	\$1,9500	\$2,0500	\$2.0700	\$2.1500	\$1.9350	\$1,9850	\$2.0233
11/19/15	\$1.8800	\$1.9400	\$1.9700	\$1.9950	\$2.0450	\$2.0550	\$2,0500	\$2.0700	\$2.1500	\$1.9750	\$2.0183	\$2.0583
11/20/15	\$1.8800	\$1.9400	\$1.9700	\$2.0400	\$2.1000	\$2,1500	\$2,0500	\$2.0700	\$2.1500	\$1,9900	\$2.0367	\$2.0900
11/21/15	\$1.8800	\$1,9400	\$1.9700	\$2.0900	\$2.1500	\$2,1650	\$2.0500	\$2.0700	\$2.1500	\$2.0067	\$2.0533	\$2.0950
11/22/15	\$1.8800	51.9400	\$1.9700	\$2.0900	\$2.1500	\$2,1650	\$2.0500	\$2.0700	\$2,1500	\$2.0067	\$2.0533	\$2.0950
11/23/15	\$1.8800	\$1.9400	\$1.9700	\$2,0900	\$2.1500	\$2,1650	\$2.0500	\$2.0700	\$2,1500	\$2.0067	\$2.0533	\$2.0950
11/24/15	\$1.8800	S1.9400	\$1.9700	\$2.0600	\$2.1050	\$2.1400	\$1.9000	\$1.9900	\$1.9900	\$1.9467	\$2.0117	\$2,0333
11/25/15	\$1,8800	\$1.9400	\$1.9700	\$2.0250	\$2.0700	\$2,0650	\$1.9000	\$1.9900	\$1.9900	\$1.9350	\$2.0000	\$2.0083
11/26/15	\$1.8800	\$1,9400	\$1.9700	\$1.8900	\$1.9500	\$1.9750	\$1.9000	\$1.9900	\$1.8900	\$1.8900	\$1.9600	\$1,9783
11/27/15	\$1.8800	51.9400	\$1.9700	\$1.8900	\$1.9500	\$1,9750	\$1.9000	\$1.9900	\$1.9900	\$1,8900	\$1.9600	\$1.9783
11/28/15	\$1.8800	S1.9400	\$1,9700	\$1.8900	\$1.9500	\$1.9750	\$1.9000	\$1,9900	\$1.9900	\$1.8900	\$1.9600	\$1.9783
11/29/15	\$1.8800	\$1.9400	\$1.9700	\$1,8900	\$1.9500	\$1.9750	\$1.9000	\$1.9900	\$1.9900	\$1.6900	\$1.9600	\$1.9783
11/30/15	\$1.8800	\$1.9400	\$1.9700	\$1,8900	\$1.9500	\$1,9750	\$1.9000	\$1.9900	\$1,9900	\$1.8900	\$1.9600	\$1.9783
Avg Rate	\$1.8800	\$1,9400	\$1.9700	\$1.9473	\$2.0067	\$2.0287	\$1,9603	\$2.0140	\$2.0367	\$1.9292	\$1.9869	\$2.0118

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	102.766	\$206.846.96	\$198,258,45	(\$8,588,51)
CGT	ML	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

#### COLUMBIA GAS OF KENTUCKY

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Off-System Sales - SALES Activity Booking Report Nov-15

IN	01-10								enternande Zoafenanterstein stätet im einen an		and a second	
									A. A. S. S. S. INVO		OUNTS	
										Sales Amount	s	
					RECEIPT	DELIVERY		STATE				MARGIN
	DATA *	SALES	SALES		FLOW	FLOW	DELIVERY		VOLUMES	SALES	TOTAL	
	<u>STATUS</u>	TYPE **	<u>CATEGORY</u>	<u>SALES ID</u>	DATE	<u>DATE</u>	<u>POINT</u>	SALE	INVOICED	RATE	SALE	
									Dth	\$/Dth	\$	
,		s	OPP	S0238763	11/1/15	11/1/15	тсо	wv	3,400	\$1.9975	\$6,791.50	\$76.50
1		S	OPP	S0238784	11/1/15	11/1/15		ŵv	8,000	\$2.0450	\$16,360.00	\$604.72
		S	OPP	S0238785	11/1/15	11/1/15		ŵv	5,400	\$2,0450	\$11.043.00	\$925.02
		S	OPP	S0238786	11/1/15	11/1/15		ŴV	2,300	\$2.0450	\$4,703.50	\$379.50
		5 5	OPP	S0238766 S0238857	11/1/15	11/1/15		ŴV	10,000	\$2.0750	\$20,750.00	\$150.00
		S	OPP	S0238858	11/1/15	11/1/15		ŴV	10,000	\$2.0750 \$2.0750	\$20,750.00	\$150.00
1		S	OPP		11/1/15	11/1/15		WV	10,500	\$1.9100	\$20,055.00	\$210.00
1		s S	OPP	S0238874 S0238682	11/1/15	11/1/15		ŴV	5,000	\$1.9600	\$9,800.00	\$250.00
1		S	OPP		11/1/15	11/1/15		ŴV	15,000	\$1.9150	\$28,725.00	\$75.00
				S0238717						\$1.9150	\$28,725.00	\$75.00
		S	OPP	S0238718	11/1/15	11/1/15		WV WV	15,000 15,000	\$1.9150	\$28,725.00	\$75.00
		S	OPP	S0238719	11/1/15	11/1/15				\$1.9150	\$28,725.00	\$75.00
		S	OPP	S0238720	11/1/15	11/1/15		WV	15,000	\$1.9150	\$28,725.00	\$75.00
1		S	OPP	S0238721	11/1/15	11/1/15		WV	15,000	•		\$75.00 \$45.00
ļ		S	OPP	S0238722	11/1/15	11/1/15		WV	9,000	\$1.9150	\$17,235.00	\$45.00 \$38.50
		S	OPP	S0238730	11/1/15	11/1/15		WV	10,000	\$1.9900	\$19,900.00	\$38.50 \$1 <b>7.</b> 99
1		S	OPP	S0238731	11/1/15	11/1/15		WV	3,400	\$1.9850	\$6,749.00	
I		S	OPP	S0238761	11/1/15	11/1/15		WV	10,000	\$1.9975	\$19,975.00	\$390.00
I		S	OPP	S0238762	11/1/15	11/1/15		WV	6,600	\$1.9975	\$13,183.50	\$514.47
I		S	OPP	S0238421	11/1/15	11/1/15		WV	155,000	\$1.9000	\$294,500.00	\$29,713.50
I		S	OPP	S0238589	11/1/15	11/1/15		WV	5,000	\$1.9600	\$9,800.00	\$1,258.50
1		S	OPP	S0238590	11/1/15	11/1/15		WV	9,100	\$1.9600	\$17,836.00	\$2,290.47
1		S	OPP	S0238591	11/1/15	11/1/15		WV	10,000	\$1.9600	\$19,600.00	\$2,517.00
1		S	OPP	S0238593	11/1/15	11/1/15		WV	5,000	\$2.0600	\$10,300.00	\$1,758.50
1		S	OPP	S0238598	11/1/15	11/1/15		WV	52,500	\$2.0500	\$107,625.00	\$8,662.50
1		S	OPP	S0238599	11/1/15	11/1/15		WV	4,800	\$2.0500	\$9,840.00	\$792.00
1	•	S	OPP	S0238604	11/1/15	11/1/15		WV	300	\$1.9400	\$582.00	\$16.50
L		S	OPP	S0238605	11/1/15	11/1/15		WV	1,100	\$1.9750	\$2,172.50	\$506.00
L		S	OPP	S0238623	11/1/15	11/1/15	тсо	WV	5,000	\$2.0400	\$10,200.00	\$650.00
I		S	OPP	S0238628	11/1/15	11 <b>/1/1</b> 5	тсо	WV	5,000	\$1.9500	\$9,750.00	\$200.00
				29					421,400		\$823,126.00	\$52,491.67

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#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Nov-15

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										[		Sales Amounts		Curre	ent Month Prora	tion
				RECEIPT	DELIVERY		# OF	# OF		STATE						
DATA	SALES	EXCH		FLOW	FLOW	INVOICE	MONTHS	MONTHS	DELIVERY	OF		SALES	TOTAL	TRANSPORT	TOTAL	MONTHLY
STATUS	TYPE**	TYPE	SALES ID	DATE	DATE	MONTH	IN TERM	EXPIRED	POINT	SALE	VOLUMES	RATE	SALE	COST	SALE	MARGIN
											Dth	\$/Dth	\$			
Е	Е	OPP	S0238479	Nov-15	Oct-15	Nov-15	2	2	тсо	wv	149,999	\$0.0600	\$8,999.94	\$0.00	\$4,499.97	\$4,499.97
E	E	OPP	S0234974	May-15	Dec-15	Dec-15	8	7	тсо	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	E	OPP	S0235065	Aug-15	Dec-15	Dec-15	5	4	TCO	WV	310,000	\$0.2600	\$80,600.00	\$0.00	\$16,120.00	\$16,120.00
E	E	OPP	S0234975	May-15	Jan-16	Jan-16	9	7	TCO	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0235066	Aug-15	Jan-16	Jan-16	6	4	тсо	wv	310,000	\$0.2600	\$80,600.00	\$0.00	\$13,433.33	\$13,433.33
E	E	OPP	S0234976	May-15	Feb-16	Feb-16	10	7	тсо	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
E	E	OPP	S0235067	Aug-15	Feb-16	Feb-16	7	4	тсо	wv	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
E	E	OPP	S0238423	Nov-15	Mar-16	Mar-16	5	1	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00
			8								1,669,999		\$383,399.94		\$65,601.26	\$65,601.26

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# DECEMBER 2015

# Columbia Gas of Kentucky, Inc. Summary of Monthly Performance Based Rate Calculation Flow Period: Dec-15

<u>ln.</u> 1 2 3	<u>PBR Component Des</u> CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Perf		Dec-15 \$14,074.90 <u>\$315,488.12</u> <b>\$329,563.02</b>	30% of first 2% of AGC 50% of remainder
4 5 6	TCI (includes Marke GCI OSSI	eted CapR) Sales Exch	\$599,896.20 (\$7,549.44) \$24,444.52 \$61,101.29	(1)
7	TPBR = (TCI+GCI+OS	SI)	\$677,892.57	
8	C	ost) Sys Supply Purch Chesapeake Misc Adjustment Transportation	\$2,345,816.11 \$373,568.50 \$78,600.50 (\$1,977.95) \$1,895,625.06 \$46,916.32	
	PAC = (TPBR) / AGC		28.90%	
CPS TPB ASP PAC AGC TCI	onyms: = Company Performa R = Total Performanc = Applicable Sharing = Percent of Actual G = Actual Gas Costs = Transportation Cost I = Off-System Sales I	e Based Results Percentage Gas Costs t Incentive	**Total Gas Cost =	System Supply Purchase + Trans

GCI = Gas Cost Incentive

(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-15

BENCHMARK	(ТВТС)	<u>Pipeline</u> Tenn TCO TCO	Contract <u>Number</u> 308956 80160 81540	Rate <u>Sched</u> FTA SST SST	<u>P/L MDQ</u> 20,506 190,880 30,000	<u>Max Rate</u> \$15.0943 \$5.9250 \$5.9250	<u>Calculation</u> Demand Vol @ Max Rate Demand Vol @ Max Rate Demand Vol @ Max Rate	<u>Actual</u> \$309,523.72 \$1,130,964.00 <u>\$177,750.00</u> \$1,618,237.72
CKY COST	(TATC)	Tenn TCO TCO	308956 80160 81540	FTA SST SST	20,506 190,880 30,000	<u>Disc Rate</u> \$4.5823 \$4.1850 \$4.1850	Demand Vol @ Disc Rate Demand Vol @ Disc Rate Demand Vol @ Disc Rate	\$93,964.65 \$798,832.80 \$125,550.00
LESS: Marketed C	ap Release				1	\$5.6900		<u>(\$5.93)</u> \$1,018,341.52

Total TCI \$599,896:20

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

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

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TCI - Transportation Cost Incentive

#### CKY GCI CALCULATION

Flow Period: Dec-15

							w	eekly Spot Prid	:e	Weight	ted Avg Cald	ulated
Flow	]	nside FERC		225°11 - W235	Gas Dally	的这一种网络	Natur	al Gas Week (N	IGW)	Bench	ımark Rate I	y P/L
Date	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10.	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
			·	第一 计编制		and the second second		(Rayne)				
12/1/15	\$2.0500	\$2,1200	\$2,1500	\$2.0150	\$2.0500	\$2.0650	\$2.0300	\$2,0600	\$2,1000	\$2.0317	\$2,0767	\$2.1050
12/2/15	\$2.0500	\$2,1200	\$2,1500	\$2.0600	\$2,1050	\$2,1450	\$2.0300	\$2,0600	\$2.1000	\$2.0467	\$2.0950	\$2,1317
12/3/15	\$2.0500	\$2.1200	\$2,1500	\$2,1000	\$2.1500	\$2,1750	\$2.0300	\$2.0600	\$2,1009	\$2.0600	\$2,1100	\$2.1417
12/4/15	\$2,0500	\$2.1200	S2.1500	\$2,0150	\$2,0750	\$2.0850	\$2,0300	\$2,0600	\$2.1000	\$2.0317	\$2.0850	\$2,1117
12/5/15	\$2,0500	\$2.1200	\$2,1500	\$1.9750	\$2.0400	\$2,0650	\$2.0300	\$2.0600	\$2.1000	\$2.0183	\$2,0733	\$2,1050
12/6/15	\$2.0500	\$2,1200	\$2,1500	\$1.9750	\$2.0400	\$2,0650	\$2,0300	\$2,0600	\$2.1000	\$2,0183	\$2.0733	\$2,1050
12/7/15	\$2.0500	\$2.1200	\$2,1500	\$1.9750	\$2.0400	\$2,0650	\$2.0300	\$2,0600	\$2.1000	\$2.0183	\$2.0733	\$2.1050
12/8/15	\$2.6500	\$2,1200	\$2,1500	\$1.9250	\$1.9750	\$2,0050	\$1,7200	\$1.7500	\$1.7500	\$1.8983	\$1.9483	\$1.9683
12/9/15	\$2.0500	\$2.1200	\$2,1500	\$1.8750	\$1.9300	\$1.9450	\$1.7200	\$1.7500	\$1.7500	\$1:8817	\$1.9333	\$1.9483
12/10/15	\$2.0500	\$2.1200	\$2.1500	\$1,8800	\$1.9300	\$1.9350	\$1.7200	\$1.7500	\$1.7500	\$1.8833	\$1.9333	\$1.9450
12/11/15	\$2.0500	\$2.1200	\$2,1500	\$1.7600	\$1.8250	\$1.8150	\$1,7200	\$1,7500	\$1.7500	\$1.8433	\$1.8983	\$1.9050
12/12/15	\$2.0500	\$2.1200	\$2.1500	\$1.6300	\$1.6850	\$1.6750	\$1.7200	\$1,7500	\$1.7500	\$1.8000	\$1.8517	\$1.8583
12/13/15	\$2.0500	\$2.1200	\$2.1500	\$1.6300	\$1.6850	\$1.6750	\$1.7200	\$1,7500	\$1,7500	\$1,8000	\$1.8517	\$1.8583
12/14/15	\$2.0500	\$2.1200	\$2,1500	\$1.6300	\$1.6850	\$1.6750	\$1.7200	\$1.7500	\$1.7500	\$1.8000	\$1.8517	\$1.8583
12/15/15	\$2.0500	\$2.1200	\$2.1500	\$1.5750	\$1.6250	\$1.6200	\$1.5800	\$1.6500	\$1.6900	\$1,7350	\$1,7983	\$1.8200
12/16/15	\$2,0500	\$2.1200	\$2.1500	\$1.5400	\$1.5900	\$1.6050	\$1.5800	\$1.6500	\$1.6900	\$1.7233	\$1.7867	\$1.8150
12/17/15	\$2.0500	\$2,1200	\$2,1500	\$1,5950	\$1.6550	\$1,6600	\$1,5800	\$1,6500	\$1.6900	\$1,7417	\$1.8083	\$1.8333
12/18/15	\$2.0500	\$2.1200	\$2,1500	\$1.6300	\$1.6950	\$1.7150	\$1,5800	\$1,6500	\$1.6900	\$1.7533	\$1.8217	\$1.8517
12/19/15	\$2.0500	\$2.1200	\$2,1500	\$1.5950	\$1.6550	\$1,6650	\$1.5800	\$1.6500	\$1.6900	\$1.7417	\$1.8083	\$1.8350
12/20/15	\$2.0500	\$2,1200	\$2,1500	\$1.5950	\$1.6550	\$1.6650	\$1,5800	\$1.6500	\$1_6900	\$1.7417	\$1.8083	\$1.8350
12/21/15	\$2.0500	\$2.1200	\$2.1500	\$1.5950	\$1.6550	\$1.6650	\$1.5800	\$1.6500	\$1.6900	\$1.7417	\$1.8083	\$1.8350
12/22/15	\$2.0500	\$2,1200	\$2,1500	\$1.6100	\$1.6650	\$1.7350	\$1,4200	\$1.4700	\$1.4700	\$1.6933	\$1.7517	\$1,7850
12/23/15	\$2.0500	\$2.1200	\$2.1500	\$1.5950	\$1.6500	\$1.6800	\$1.4200	\$1.4700	\$1.4700	\$1,6883	\$1.7467	\$1.7667
12/24/15	\$2.0500	\$2.1200	\$2,1500	\$1.4300	\$1.4900	\$1.5150	\$1.4200	\$1.4700	\$1.4700	\$1,6333	\$1.6933	\$1.7117
12/25/15	\$2.0500	\$2,1200	\$2,1500	\$1,3800	\$1,4250	\$1.4250	\$1.4200	\$1.4700	\$1.4700	\$1.6167	\$1.6717	\$1.6817
12/26/15	\$2.0500	\$2,1200	\$2,1500	\$1,3800	\$1.4250	\$1.4250	\$1.4200	\$1,4700	\$1.4700	\$1.6167	\$1.6717	\$1.6817
12/27/15	\$2.0500	\$2,1200	\$2.1500	\$1.3800	\$1.4250	\$1.4250	\$1,4200	\$1,4700	\$1.4700	\$1.6167	\$1.6717	\$1.6817
12/28/15	\$2.0500	\$2.1200	\$2.1500	\$1.3800	\$1.4250	\$1.4250	\$1.4200	\$1.4700	\$1.4700	\$1.6167	\$1.6717	\$1.6817
12/29/15	\$2.0500	\$2,1200	\$2,1500	\$2,0000	\$2.0550	\$2,0750	\$2.1900	\$2.2800	\$2.2600	\$2.0800	\$2,1517	\$2,1617
12/30/15	\$2,0500	\$2,1200	\$2,1500	\$2,2400	\$2,3100	\$2,3250	\$2.1900	\$2.2800	\$2.2600	\$2.1600	\$2.2367	\$2.2450
12/31/15	\$2.0500	\$2,1200	\$2,1500	\$2.1500	\$2,1800	\$2.2300	\$2,1900	\$2.2800	\$2.2600	\$2,1300	\$2.1933	\$2.2133
Avg Rate	\$2.0500	\$2,1200	\$2,1500	\$1.7456	\$1.7998	\$1.8144	\$1.7361	\$1,7855	\$1.8016	\$1.8439	\$1.9018	\$1.9220

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Pipelina	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	198.500	\$373,568,50	\$366,019.06	(\$7,549.44)
CGT	M/L	ò	\$0.00	\$0.00	S0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

# COLUMBIA GAS OF KENTUCKY

Off-System Sales - SALES Activity Booking Report Dec-15

							INVO	ICED SALES AN Sales Amount	AOUNTS Is	
			RECEIPT	DELIVERY		STATE				MARGIN
DATA *	SALES		FLOW	FLOW	DELIVERY	OF	VOLUMES	SALES	TOTAL	
<u>STATUS</u>	<u>TYPE **</u>	SALES ID	DATE	DATE	POINT	<u>SALE</u>	INVOICED	<u>RATE</u>	<u>SALE</u>	
							Dth	\$/Dth	\$	
I	S	S0239150	12/1/15	12/1/15	тсо	wv	10,000	\$2.1600	\$21,600.00	\$5,326.50
1	S	S0239151	12/1/15	12/1/15	TCO	WV	1,500	\$2.1575	\$3,236.25	\$798.75
1	S	S0239152	12/1/15	12/1/15	TCO	WV	5,900	\$2.1600	\$12,744.00	\$3,156.50
1	S	S0239153	12/1/15	12/1/15	тсо	WV	4,100	\$2.1600	\$8,856.00	\$2,193.50
1	S	S0239159	12/1/15	12/1/15	тсо	WV	700	\$2.0700	\$1,449.00	\$311.50
1	S	S0239167	12/1/15	12/1/15	тсо	WV	5,000	\$2.1500	\$10,750.00	\$2,625.00
1	S	S0238927	12/1/15	12/1/15	тсо	WV	5,000	\$2.1000	\$10,500.00	\$200.00
1	S	S0238932	12/1/15	12/1/15	тсо	WV	6,300	\$2.1400	\$13,482.00	\$516.98
I	S	S0239092	12/1/15	12/1/15	тсо	WV	5,000	\$1.9800	\$9,900.00	\$400.00
1	S	S0239093	12/1/15	12/1/15	TCO	WV	2,500	\$1.9800	\$4,950.00	\$200.00
1	S	S0239094	12/1/15	12/1/15	TCO	WV	2,500	\$1.9800	\$4,950.00	\$200.00
1	S	S0239109	12/1/15	12/1/15	тсо	WV	5,000	\$2.0350	\$10,175.00	\$350.00
I	S	S0239118	12/1/15	12/1/15	тсо	WV	15,000	\$2.2000	\$33,000.00	\$1,650.00
I	S	S0239122	12/1/15	12/1/15	TCO	WV	7,500	\$2.2200	\$16,650.00	\$2,352.98
1	S	S0239123	12/1/15	12/1/15	TCO	WV	7,500	\$2.2200	\$16,650.00	\$2,676.53
I .	S	S0239124	12/1/15	12/1/15	тсо	WV	7,500	\$2.2200	\$16,650.00	\$1,287.53
I	S	S0239141	12/1/15	12/1/15	тсо	WV	500	\$2.2575	\$1,128.75	\$198.75
		17					91,500		\$196,671.00	\$24,444.52

#### COLUMBIA GAS OF KENTUCKY Off-System Sales - EXCHANGE Activity Report Dec-15

										[		Sales Amounts		Çum	en <u>t Month Prora</u>	tion
DATA STATUS	sales Type**	ЕХСН ТҮРЕ	SALES ID	receipt Flow Date	delivery Flow Date	INVOICE MONTH	# OF MONTHS IN TERM	# of Months Expired	DELIVERY POINT	STATE OF SALE	VOLUMES	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN
Е	Ε	OPP	S0234974	May-15	Dec-15	Dec-15	8	8	тсо	wv	155,000	\$0.1700	\$26,350.00	\$0.00	\$3,293.75	\$3,293.75
E	Ε	OPP	S0235065	Aug-15	Dec-15	Dec-15	5	5	TCO	wv	310,000	\$0.2600	\$80,600.00	\$0,00	\$16,120.00	\$16,120.00
E	E	OPP	S0234975	May-15	Jan-16	Jan-16	9	8	TCO	WV	155,000	\$0.1700	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0235066	Aug-15	Jan-16	Jan-16	6	5	тсо	wv	310,000	\$0.2600	\$80,600.00	\$0.00	\$13,433.33	\$13,433.33
Ē	Ē	OPP	S0234976	May-15	Feb-16	Feb-16	10	8	TCO	WV	145,000	\$0.1700	\$24,650.00	\$0.00	\$2,465.00	\$2,465.00
Ē	Ē	OPP	S0235067	Aug-15	Feb-16	Feb-16	7	5	тсо	wv	290,000	\$0.2600	\$75,400.00	\$0.00	\$10,771.43	\$10,771.43
Ē	E	OPP	S0238423	Nov-15	Mar-16	Mar-16	5	2	TCO	WV	155,000	\$0.3900	\$60,450.00	\$0.00	\$12,090.00	\$12,090.00
			7								1,620,000		\$374,400.00		\$61,101.29	\$61,101.29

# JANUARY 2016

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

	PBR Component De CPS = (TPBR) x ASP CPS = (TPBR) x ASP Total Company Per		2	<b>Jan-16</b> \$12,551.23 \$341,366.07 <b>\$353,917.30</b>		30% of first 2% of AGC 50% of remainder
4	TCI (includes Marke	eted CapR)		\$599,896.20		
5	GCI			\$1,745.74		
6	OSSI	9	Sales	\$75,887.96		
			Exch	\$47,039.68	(1)	
7	TPBR = (TCI+GCI+O	SSI)		\$724,569.58		
8	AGC (**Total Gas C	ost)		\$2,091,871.86		
		Sys Supply Purch	h	\$18,837.98		
		Chesapeake		\$136,822.38		
		Misc Adjustmen	nt	\$0.00		
		Transportation		\$1,936,211.50		
9	2% of AGC			\$41,8 <b>37.44</b>		
10	PAC = (TPBR) / AGC			34.64%		
CPS TPB	onyms: = Company Perform R = Total Performan = Applicable Sharing	ce Based Results	5	**Total Gas Cost =	- Syst	em Supply Purchase + Trans

PAC = Percent of Actual Gas Costs AGC = Actual Gas Costs

TCI = Transportation Cost Incentive OSSI = Off-System Sales Incentive

GCI = Gas Cost Incentive

(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-16

			Contract	Rate		:		
		<u>Pipeline</u>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	Actual
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	190,880	\$5.9250	Demand Vol @ Max Rate	\$1,130,964.00
		тсо	81540	SST	30,000	\$5.9250	Demand Vol @ Max Rate	<u>\$177,750.00</u>
								\$1,618,237.72
						<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 C	Cap Release	тсо	•	SST	1	\$6.0950		<u>(\$5.93)</u>
								\$1,018,341.52

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Total TCI

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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-16

							w	leekty Spot Pric	A	Weigh	ted Avg Calc	ulated
Flow		nside FERC		1.14	Gas Daily	- Notes		ral Gas Week (N			hmark Rate b	
Dato	TCO P10	CGT Main	TGP 500		CGT Main		TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
Dato	100110					المقدأة المراجع سوارته والازهان		(Rayne)				
1/1/16	\$2,2100	\$2,3000	\$2.3300	\$2,2050	\$2.2950	\$2,3000	\$2,1900	\$2,2200	\$2,2600	\$2.2017	\$2.2717	\$2,2967
1/2/16	\$2,2100	\$2,3000	\$2,3300	\$2,2050	\$2,2950	\$2.3000	\$2,1900	\$2.2200	\$2.2600	\$2.2017	\$2.2717	\$2.2967
1/3/16	\$2,2100	\$2,3000	\$2.3300	\$2,2050	\$2.2850	\$2.3000	\$2,1900	\$2.2200	\$2,2600	\$2.2017	\$2.2717	\$2,2967
1/4/16	\$2.2100	\$2,3000	\$2,3300	\$2,2050	\$2,2950	\$2.3000	\$2,1900	\$2.2200	\$2.2600	\$2.2017	\$2.2717	\$2.2967
1/5/10	\$2.2100	\$2.3000	\$2,3300	\$2,2850	\$2.3650	\$2,3700	\$2.3100	\$2,3700	\$2,4000	\$2.2683	\$2.3450	\$2.3667
1/6/16	\$2.2100	\$2.3000	\$2.3300	\$2.2000	\$2,2700	\$2.2800	\$2,3100	\$2.3700	\$2,4000	\$ <u>2.2</u> 400	\$2.3133	\$2.3367
1/7/16	\$2.2100	\$2.3000	\$2.3300	\$2.2200	\$2.2950	\$2.3200	\$2.3100	\$2.3700	\$2,4000	\$2.2467	\$2.3217	\$2.3500
1/8/16	\$2,2100	\$2.3000	\$2.3300	\$2,2200	\$2.2850	\$2,3150	\$2.3100	\$2.3700	\$2,4000	\$2.2467	\$2.3183	\$2.3483
1/9/16	\$2,2100	\$2,3000	\$2,3300	\$2.3400	\$2.4050	\$2,4250	\$2.3100	\$2.3700	\$2,4000	\$2.2867	\$2,3583	\$2.3850
1/10/16	\$2.2100	\$2.3000	\$2.3300	\$2.3400	\$2,4050	\$2,4250	\$2.3100	\$2.3700	\$2,4000	\$2.2867	\$2.3583	\$2,3850
1/11/16	\$2.2100	\$2,3000	\$2.3300	\$2,3400	\$2.4050	\$2.4250	\$2,3100	\$2.3700	\$2.4000	\$2.2867	\$2.3583	\$2.3850
1/12/16	\$2.2100	\$2.3000	\$2.3300	\$2,3900	\$2.4550	\$2.4350	\$2,1000	\$2,1800	\$2.2200	\$2.2333	\$2.3117	\$2.3283
1/13/16	\$2.2100	\$2.3000	\$2.3300	\$2.2350	\$2,3000	\$2,3150	\$2,1000	\$2,1800	\$2.2200	\$2,1817	\$2,2600	\$2.2883
1/14/16	\$2.2100	\$2.3000	\$2.3300	\$2,1650	\$2.2300	\$2.2500	\$2.1000	\$2,1800	\$2.2200	\$2.1583	\$2,2367	\$2.2667
1/15/16	\$2.2100	\$2.3000	\$2.3300	\$2.0800	\$2,1550	\$2.1650	\$2,1000	\$2,1800	\$2.2200	\$2.1300	\$2.2117	\$2.2383
1/16/16	\$2.2100	\$2.3000	\$2,3300	\$2.0900	\$2.1600	\$2.1750	\$2,1000	\$2,180D	\$2.2200	\$2.1333	\$2.2133	\$2.2417
1/17/16	\$2.2100	\$2.3000	\$2.3300	\$2.0900	\$2.1600	\$2,1750	\$2.1000	\$2,1800	\$2.2200	\$2,1333	\$2,2133	\$2.2417
1/18/16	\$2.2100	\$2.3000	\$2.3300	\$2.0900	\$2,1600	\$2,1750	\$2,1000	\$2,1800	\$2.2200	\$2,1333	\$2.2133	\$2.2417
1/19/16	\$2.2100	\$2.3000	\$2.3300	\$2.0900	\$2,1600	\$2.1750	\$2.0700	\$2,1500	\$2.1600	\$2.1233	\$2,2033	\$2.2217
1/20/16	\$2.2100	\$2,3000	\$2.3300	\$2,0600	\$2,1450	\$2.1400	\$2.0700	\$2,1500	\$2,1600	\$2,1133	\$2.1983	\$2.2100
1/21/16	\$2,2100	\$2,3000	\$2.3300	\$2.0350	\$2,1050	\$2.1150	\$2.0700	\$2,1500	\$2,1600	\$2,1050	\$2.1850	\$2.2017
1/22/16	\$2.2100	\$2.3000	\$2,3300	\$2.0750	\$2.1600	\$2.1600	\$2.0700	\$2,1500	\$2.1600	\$2.1183	\$2.2033	\$2.2167
1/23/16	\$2.2100	\$2,3000	\$2,3300	\$2.0600	\$2.1550	\$2.1550	\$2.0700	\$2,1500	\$2.1600	\$2,1133	\$2.2017	\$2.2150
1/24/16	\$2,2100	\$2,3000	\$2,3300	\$2.0600	\$2.1550	\$2.1550	\$2.0700	\$2,1500	\$2.1600	\$2,1133	\$2.2017	\$2.2150
1/25/16	\$2.2100	\$2,3000	\$2.3300	\$2.0600	\$2.1550	\$2,1550	\$2.0700	\$2,1500	\$2,1600	\$2,1133	\$2.2017	\$2.2150
1/26/16	\$2.2100	\$2,3000	\$2,3300	\$2,0150	\$2.0850	\$2,1000	\$2.0500	\$2.0900	\$2.1500	\$2,0917	\$2,1583	\$2,1933
1/27/16	\$2.2100	\$2,3000	\$2,3300	\$2.1100	\$2,1800	\$2,1850	\$2.0500	\$2.0900	\$2.1500	\$2,1233	\$2.1900	\$2.2217
1/28/18	\$2.2100	\$2.3000	\$2,3300	\$2.1100	\$2.1800	\$2,1800	\$2.0500	\$2.0900	\$2.1500	\$2.1233	\$2,1900	\$2.2200
1/29/16	\$2.2100	\$2.3000	\$2,3300	\$2,0050	\$2.0650	\$2.0850	\$2.0500	\$2.0900	\$2,1500	\$2.0883	\$2.1517	\$2,1883
1/30/18	\$2.2100	\$2,3000	\$2.3300	\$2.0050	\$2,0650	\$2.0850	\$2,0500	\$2.0900	\$2.1500	\$2.0883	\$2.1517	\$2,1883
1/31/16	\$2.2100	\$2,3000	\$2.3300	\$2.0050	\$2.0650	\$2.0850	\$2,0500	\$2.0900	\$2,1500	\$2,0883	\$2.1517	\$2,1883
Avg Rate	\$2,2100	\$2.3000	\$2.3300	\$2,1482	\$2.2227	\$2.2331	\$2.1426	\$2.2039	\$2.2387	\$2.1669	\$2.2422	\$2.2673

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Pipeline	Rec Point	Purchase Volumo	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	9.499	\$18,837,98	\$20,583.72	\$1,745.74
CGT	ML	D D	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

#### COLUMBIA GAS OF KENTUCKY

#### Off-System Sales - SALES Activity Booking Report Jan-16

							INVC	DICED SALES AN	OUNTS	
								Sales Amount	S	
			RECE!PT	DELIVERY		STATE				MARGIN
DATA *	SALES		FLOW	FLOW	DELIVERY	OF	VOLUMES	SALES	TOTAL	
STATUS	TYPE **	SALES ID	DATE	DATE	POINT	SALE	INVOICED	RATE	SALE	
							Dth	\$/Dth	\$	
I	S	S0239495	1/1/16	1/1/16	тсо	wv	5,000	\$2.1100	· \$10,550.00	\$450.00
i	ŝ	S0239496	1/1/16	1/1/16		WV	1,300	\$2,1100	\$2,743.00	\$117.00
I	Š	S0239442	1/1/16	1/1/16		WV	5,000	\$2,1075	\$10,537.50	\$175.00
, r	ŝ	S0239443	1/1/16	1/1/16		WV	9,500	\$2,1050	\$19,997.50	\$308.75
i	ŝ	\$0239444	1/1/16	1/1/16		WV	5,000	\$2,0950	\$10,475.00	\$112.50
í	S	S0239449	1/1/16	1/1/16		WV	6,200	\$2.0925	\$12,973.50	\$129.27
i	s	S0239450	1/1/16	1/1/16		WV	5,000	\$2.0925	\$10,462.50	\$100.00
i	s	S0239451	1/1/16	1/1/16		WV	5,000	\$2.0950	\$10,475.00	\$200.00
i	ŝ	S0239452	1/1/16	1/1/16		WV	5,000	\$2.0950	\$10,475.00	\$200.00
i	ŝ	S0239478	1/1/16	1/1/16		WV	14,400	\$2.0575	\$29,628.00	\$36.00
i	s	S0239483	1/1/16	1/1/16		ŴV	145,000	\$2.1100	\$305,950.00	\$10,593.70
i	s	S0239491	1/1/16	1/1/16		WV	3,400	\$2.1275	\$7,233.50	\$365.50
i	s	S0239494	1/1/16	1/1/16		wv	5,000	\$2.1100	\$10,550.00	\$450.00
i	s	50239381	1/1/16	1/1/16		WV	15,000	\$2.0700	\$31,050.00	\$150.00
i	ŝ	S0239382	1/1/16	1/1/16		WV	15,000	\$2,0750	\$31,125.00	\$225.00
i	š	S0239383	1/1/16	1/1/16		WV	15,000	\$2.0750	\$31,125.00	\$225.00
i	S S S	S0239384	1/1/16	1/1/16		WV	15,000	\$2.0750	\$31,125.00	\$225.00
:	š	S0239385	1/1/16	1/1/16		WV	15,000	\$2.0750	\$31,125.00	\$225.00
1	s	S0239386	1/1/16	1/1/16		WV	15,000	\$2.0750	\$31,125.00	\$37.50
1	Ğ	S0239387	1/1/16	1/1/16		WV	6,600	\$2.0750	\$13,695.00	\$39.01
:	S S	S0239422	1/1/15	1/1/16		ŴV	1,000	\$2.1100	\$2,110.00	\$37.50
1	S	S0239423	1/1/16	1/1/16		wv	4,000	\$2.1100	\$8,440.00	\$150.00
1	s	S0239424	1/1/16	1/1/16		ŵv	5,000	\$2,1100	\$10,550.00	\$187.50
1	s	S0239425	1/1/16	1/1/16		ŴV	5,000	\$2.1100	\$10,550.00	\$187.50
	ŝ	50239308	1/1/16	1/1/16		wv	6,300	\$2,1950	\$13,828,50	\$461.54
1	S S	S0239315	1/1/16	1/1/16		WV	5,700	\$2,2500	\$12,825,00	\$128.02
	s	S0239316	1/1/16	1/1/16		WV	20,000	\$2.2600	\$45,200.00	\$3,577.80
:	s	S0239325	1/1/16	1/1/16		WV	15,000	\$2.0500	\$30,750.00	\$712.50
-	s	S0239326	1/1/16	1/1/16		WV	5,000	\$2.0500	\$10,250.00	\$237.50
1	š	50239327	1/1/16	1/1/16		WV	5,000	\$2.0500	\$10,250.00	\$450.00
1	s	\$0239335	1/1/16	1/1/16		wv	5,000	\$2.0500	\$10,250.00	\$450.00
i	š	S0239336	1/1/16	1/1/16		ŴV	5,000	\$2,0100	\$10,050.00	\$250.00
i	S S S	50239337	1/1/16	1/1/16		ŴV	100	\$2,0950	\$209.50	\$2.25
;	S	S0239352	1/1/16	1/1/16		WV	2,400	\$2.1000	\$5,040.00	\$66.00
;	s	S0239368	1/1/16	1/1/16		WV	5,000	\$2.0800	\$10,400.00	\$37.50
1	S S	S0239056	1/1/16	1/1/16		ŴV	108,500	\$2.2050	\$239,242.50	\$10,307.50
i	S	S0239073	1/1/16	1/1/16		WV	341,000	\$2.2075	\$752,757.50	\$42,546.57
1	s	S0239209	1/1/16	1/1/16		WV	4,600	\$2.2325	\$10,269.50	\$135.52
i	š	S0239214	1/1/16	1/1/16		WV	5,000	\$2.2550	\$11,275.00	\$275.00
i	s	S0239215	1/1/16	1/1/16		WV	4,600	\$2.2600	\$10,396.00	\$276.00
i	S	S0239216	1/1/16	1/1/16		ŴV	200	\$2,2650	\$453.00	\$13.00
i	S	S0239217	1/1/16	1/1/16		ŴV	800	\$2.2650	\$1,812.00	\$52.00
i	s	S0239219	1/1/16	1/1/16		wv	500	\$2.2750	\$1,137.50	\$37.50
i	S	\$0239305	1/1/16	1/1/16		WV	11,000	\$2.1100	\$23,210.00	\$95.04
1	š	50239306	1/1/16	1/1/16		ŵv	5,000	\$2,1950	\$10,975.00	\$525.00
i	s	S0239307	1/1/16	1/1/16		wv	5,000	\$2,1950	\$10,975.00	\$325.00
		46					887,100		\$1,915,626.50	\$75,887.97

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

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										[	· ·	Sales Amounts		Curre	ent Month Prora	ation
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	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MONTHLY MARGIN
	19 19 19 19 19 19 19 19 19 19 19 19 19 1	OPP OPP OPP OPP OPP OPP	S0234975 S0235066 S0234976 S0235067 S0239484 S0238423 S0239462	May-15 Aug-15 May-15 Aug-15 Jan-16 Nov-15 Jan-16	Jan-16 Jan-16 Feb-16 Feb-16 Feb-16 Mar-16 Jul-16	Jan-16 Jan-16 Feb-16 Feb-16 Feb-16 Mar-16 Jul-16	9 6 10 7 2 5 7	9 6 1 3 1	TCO TCO TCO TCO TCO TCO TCO	WV WV WV WV WV	155,000 310,000 145,000 290,000 145,000 155,000 93,000	\$0.1700 \$0.2600 \$0.1700 \$0.2600 \$0.0500 \$0.3900 \$0.1300	\$26,350.00 \$80,600.00 \$24,650.00 \$75,400.00 \$7,250.00 \$60,450.00 \$12,090.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,927.78 \$13,433.33 \$2,465.00 \$10,771.43 \$3,625.00 \$12,090.00 \$1,727.14	\$2,927.78 \$13,433.33 \$2,465.00 \$10,771.43 \$3,625.00 \$12,090.00 \$1,727.14
			7								1,293,000		\$286,790.00	\$0.00	\$47,039.68	\$47,039.68

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# FEBRUARY 2016

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

<u>Ln.</u> 1 2 3	<u>PBR Component D</u> CPS = (TPBR) x ASF CPS = (TPBR) x ASF <b>Total Company Pe</b>	)	re	Feb-16 \$15,220.94 <u>\$353,229.89</u> <b>\$368,450.84</b>		30% of first 2% of AGC 50% of remainder
4 5 6	TCI (includes Mar GCI OSSI	keted CapR)	Sales Exch	\$671,682.52 (\$11,072.86) \$58,180.18 \$38,406.43	(1)	
7	TPBR = (TCI+GCI+C	DSSI)		\$757,196.27		
8 9 10	AGC (**Total Gas 2% of AGC PAC = (TPBR) / AG	Sys Supply Pur Chesapeake Misc Adjustme Transportation	ent	\$2,536,824.06 \$432,280.85 \$156,708.75 \$0.00 \$1,947,834.46 \$50,736.48 29.85%		
CPS TPB ASP PAC AGC TCI OSS	<u>onyms:</u> = Company Perform R = Total Performant = Applicable Sharin C = Percent of Actua C = Actual Gas Costs = Transportation Co I = Off-System Sale = Gas Cost Incentiv	nce Based Resu ng Percentage I Gas Costs s ost Incentive s Incentive	lts	**Total Gas Cost	: = Sγ	stem Supply Purchase + Trai

(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

			Contract	Rate				
		<u>Pipeline</u>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	<u>Estimate</u>
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		тсо	80160	SST	190,880	\$6.2500	Demand Vol @ Max Rate	\$1,193,000.00
		TCO	81540	SST	30,000	\$6.2500	Demand Vol @ Max Rate	<u>\$187,500.00</u>
								\$1,690,023.72
						Disc Rate		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93,964.64
		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 Ca	an Release	тсо	SST		1	\$6.2500		<u>(\$6.25)</u>
					_	•		\$1,018,341.19

Total TCI \$\$671,682,52

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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

							W	eekly Spot Pric		Weigh	ted Avg Calc	ulated
Flow		inside FERC		6	🗸 🗸 Gas Daily 🖗	Geo. 12.		ral Gas Week (N			hmark Rate b	
Date	TCO P10	CGT Main	TGP 500		MCGT Main ++		TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
					Sec. 19	AND THE ISSUE		(Rayne)				-
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
2/16/18	\$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
2/18/18	S2.0500	\$2.1300	\$2.1600	\$1,7950	\$1.8200	\$1.8550	\$1.8100	\$1.8100	\$1.8100	\$1.8850	\$1.9200	\$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	51.6400	\$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	\$1.8100	\$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

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<b>B</b> ( )		Purchase	Purchase	Benchmark	
Pipeline	Rec Point	<u>Volume</u>	Cost	Cost	GCI Savings (Cost)
TCO	P10 ·	219,504	\$432,280,85	\$421,207.99	(\$11,072_86)
CGT	MA_	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

## COLUMBIA GAS OF KENTUCKY

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Off-System Sales - SALES Activity Booking Report Feb-16

								INVO	ICED SALES AN Sales Amount	IOUNTS	
				RECEIPT	DELIVERY		STATE	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	MARGIN
D	ATA *	SALES		FLOW	FLOW	DELIVERY	OF	VOLUMES	SALES	TOTAL	
	TATUS	TYPE **	SALES ID	DATE	DATE	POINT	<u>SALE</u>	INVOICED	<u>RATE</u>	<u>SALE</u>	
	<u> </u>				·			Dth	\$/Dth	\$	
1		S	S0239057	2/1/16	2/1/16	тсо	wv	101,500	\$2.0450	\$207,567.50	\$9,642.50
I		S	S0239372	2/1/16	2/1/16	тсо	WV	174,000	\$2.0450	\$355,830.00	\$25,230.00
1		S	S0239508	2/1/16	2/1/16	тсо	WV	5,000	\$1.9350	\$9,675.00	\$75.00
1		S	S0239509	2/1/16	2/1/16	тсо	WV	1,700	\$1.9350	\$3,289.50	\$25.50
1		S	S0239511	2/1/16	2/1/16	тсо	WV	4,000	\$1.9250	\$7,700.00	\$20.00
I		S	S0239519	2/1/16	2/1/16	тсо	WV	4,000	\$1.9650	\$7,860.00	\$175.48
1		S	S0239520	2/1/16	2/1/16	тсо	WV	4,100	\$1.9650	\$8,056.50	\$164.00
1		S	S0239521	2/1/16	2/1/16	тсо	WV	5,000	\$1.9600	\$9,800.00	\$200.00
1		S	S0239537	2/1/16	2/1/16	TCO	WV	10,000	\$1.9350	\$19,350.00	\$150.00
I		S	S0239538	2/1/16	2/1/16	тсо	WV	10,000	\$1.9325	\$19,325.00	\$125.00
1		S	S0239564	2/1/16	2/1/16	тсо	WV	1,200	\$1.9575	\$2,349.00	\$45.00
I		S	S0239573	2/1/16	2/1/16	тсо	WV	2,200	\$2.0175	\$4,438.50	\$60.50
1		S	S0239576	2/1/16	2/1/16	тсо	WV	76,500	\$1.9950	\$152,617.50	\$762.71
1		S	S0239578	2/1/16	2/1/16	тсо	WV	5,000	\$2.1000	\$10,500.00	\$337.50
1		S	S0239580	2/1/16	2/1/16	тсо	WV	5,000	\$2.1000	\$10,500.00	\$362.50
1		S	S0239581	2/1/16	2/1/16	тсо	WV	5,000	\$2.1000	\$10,500.00	\$400.00
1		S	S0239582	2/1/16	2/1/16	TCO	WV	5,000	\$2.1000	\$10,500.00	\$362.50
1		S	S0239656	2/1/16	2/1/16	тсо	WV	4,798	\$2.0325	\$9,751.94	\$37.50
1		S	S0239662	2/1/16	2/1/16	тсо	WV	3,000	\$2.0500	\$6,150.00	\$75.00
1		S	S0239663	2/1/16	2/1/16	тсо	WV	700	\$2.1000	\$1,470.00	\$12.25
Ì		S	S0239664	2/1/16	2/1/16	тсо	WV	3,500	\$2.1000	\$7,350.00	\$61.25
1		S	S0239685	2/1/16	2/1/16	тсо	WV	23,700	\$1.8200	\$43,134.00	\$574.01
Ì	-	S	S0239693	2/1/16	2/1/16	TCO	WV	46,400	\$1.8300	\$84,912.00	\$1,674.11
I I		S	S0239694	2/1/16	2/1/16	тсо	WV	20,000	\$1.9500	\$39,000.00	\$100.00
I I		S	S0239772	2/1/16	2/1/16	тсо	WV	93,000	\$1.6000	\$148,800.00	\$4,011.09
L		S	S0239775	2/1/16	2/1/16	тсо	WV	217,000	\$1.7250	\$374,325.00	\$4,858.63
I		S	S0239779	2/1/16	2/1/16	TCO	WV	77,500	\$1.7600	\$136,400.00	\$8,638.15
			27					908,798		\$1,701,151.44	\$58,180.18

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

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										Γ		Sales Amounts		Curre	ent Month Prora	tion _
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	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	total Sale	MONTHLY MARGIN
医结肠 医阴管		OPP OPP OPP OPP OPP OPP OPP	S0234976 S0235067 S0239484 S0238423 S0239462 S0239771 S0239776 S0239782	May-15 Aug-15 Jan-16 Nov-15 Jan-16 Feb-16 Feb-16 Feb-16	Feb-16 Feb-16 Feb-16 Mar-16 Jul-16 Aug-16 Aug-16 Aug-16	Feb-16 Feb-16 Feb-16 Mar-16 Jul-16 Aug-16 Aug-16 Aug-16	10 7 2 5 7 7 7 7	10 7 2 4 2 1 1	TCO TCO TCO TCO TCO TCO TCO TCO	WV WV WV WV WV WV	145,000 290,000 145,000 155,000 93,000 93,000 217,000 77,500	\$0.1700 \$0.2600 \$0.0500 \$0.3900 \$0.1300 \$0.2200 \$0.1300 \$0.1300 \$0.0700	\$24,650.00 \$75,400.00 \$7,250.00 \$60,450.00 \$12,090.00 \$20,460.00 \$28,210.00 \$5,425.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,465.00 \$10,771.43 \$3,625.00 \$12,090.00 \$1,727.14 \$2,922.86 \$4,030.00 \$775.00	\$2,465.00 \$10,771.43 \$3,625.00 \$12,090.00 \$1,727.14 \$2,922.86 \$4,030.00 \$775.00
			8								1,215,500		\$233,935.00		\$38,406.43	\$38,406.43

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# MARCH 2016

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

<u>Ln.</u> 1 2 3	<u>PBR Component D</u> CPS = (TPBR) × ASF CPS = (TPBR) × ASF <b>Total Company Pe</b>	)	re	Mar-16 \$13,651.06 <u>\$338,959.68</u> <b>\$352,610.74</b>		30% of first 2% of AGC 50% of remainder
4 5 6	TCI (includes Mar GCI OSSI	keted CapR)	Sales Exch	\$671,676.27 \$319.14 \$29,882.49 \$21,545.00	(1)	
7	TPBR = (TCI+GCI+C	DSSI)		\$723,422.90		
8 9 10	AGC (**Total Gas 2% of AGC PAC = (TPBR) / AG	Sys Supply Pur Chesapeake Misc Adjustme Transportation	ent	\$2,275,176.53 \$265,980.00 \$110,260.80 \$0.00 \$1,898,935.73 \$45,503.53 31.80%		
CPS TPB ASP PAC AGC TCI OSS	onyms: = Company Perform R = Total Performant = Applicable Sharin = Percent of Actuant = Actual Gas Costs = Transportation Co I = Off-System Sales = Gas Cost Incentiv	nce Based Resul ng Percentage I Gas Costs 5 ost Incentive 5 Incentive	ts	**Total Gas Cost	t = Sy	stem Supply Purchase + Trai

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(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

			Contract	Rate				
		<u>Pipeline</u>	<u>Number</u>	<u>Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<b>Calculation</b>	Estimate
BENCHMARK	(TBTC)	Tenn	308956	FTA	20,506	\$15.0943	Demand Vol @ Max Rate	\$309,523.72
		TCO	80160	SST	190,880	\$6.2500	Demand Vol @ Max Rate	\$1,193,000.00
		TCO	81540	SST	30,000	\$6.2500	Demand Vol @ Max Rate	<u>\$187,500.00</u>
								\$1,690,023.72
						<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	308956	FTA	20,506	\$4.5823	Demand Vol @ Disc Rate	\$93 <b>,9</b> 64.64
		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 C	ap Release	TCO	SST		0	\$ <b>0.0</b> 000		<u>\$0.00</u>
								\$1,018,347.44

Total TCI \$674,676.27

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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

						1	W	leekly Spot Pric	e	Weigh	ted Avg Calc	ulated
Flow		inside FERC		5551	Gas Daily	"我们会"的标志。	Natu	ral Gas Week (I	IGW)	Benc	hmark Rate	
Date	TCO P10	CGT Main	TGP 590	STCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
				5.00	م مور (اد اینجه بالم.			(Rayne)				
3/1/16	\$1,5800	\$1,6300	S1.6600	\$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	S1.6600	\$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	\$1.5087	\$1.5383	\$1.5800
3/5/16	\$1.5800	\$1.6300	S1.6600	\$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	S1.6600	\$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	S1.6600	\$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	S1.6600	\$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	\$1.6567	\$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
3/15/18	\$1.5800	\$1,6300	\$1,6600	\$1.5600	\$1.6250	\$1.6450	\$1.7000	\$1.7600	\$1,7100	\$1.6133	\$1.6717	\$1.6717
3/16/18	\$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	S1.5800	\$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	S1.5800	\$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
				1								
Avg Rate	\$1.5800	\$1.6300	\$1.6600	\$1,5784	\$1,6326	\$1.6615	\$1.6103	\$1.6329	\$1.6587	\$1.5896	\$1.6318	\$ <u>1.6601</u>

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		Purchase	Purchase	Benchmark	
Pipeline	Rec Point	Volume	Cost	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

#### COLUMBIA GAS OF KENTUCKY

#### Off-System Sales - SALES Activity Booking Report Mar-16

							V CONTRACTING		OUNTS	
								Sales Amounts	<u> </u>	
			RECEIPT	DELIVERY		STATE				MARGIN
DATA •	SALES		FLOW	FLOW	DELIVERY		VOLUMES	SALES	TOTAL	
<u>STATUS</u>	TYPE **	SALES ID	DATE	DATE	<u>POINT</u>	SALE	INVOICED	RATE	SALE S	
							Dth	\$/Dth	ð.	
	~	00040444	3/1/16	3/1/16	100	wv	20,000	\$1.7100	\$34,200.00	\$2,142.00
-	S	S0240111 S0240110	3/1/16	3/1/16		ŴV	3,200	\$1.7100	\$5,472.00	\$325.98
-	S S	S0240110 S0240043	3/1/16	3/1/16		ŵv	7,000	\$1.6900	\$11,830.00	\$341.53
-	S	S0240043 S0239967	3/1/16	3/1/16		ŴV	10,000	\$1.6950	\$16,950.00	\$912.50
-	S	S0239907 S0240120	3/1/16	3/1/16		ŵV	20,400	\$1.7250	\$35,190.00	\$269.08
	S	S0240120 S0239808	3/1/16	3/1/16		ŵv	1,400	\$1.5650	\$2,191.00	\$168.00
1	S		3/1/16	3/1/16		ŵv	10,000	\$1.6700	\$16,700.00	\$1,665.00
1	S	S0240121 S0239843	3/1/16	3/1/16		ŵv	10,000	\$1.4625	\$14,625.00	\$175.00
	3	S0239844	3/1/16	3/1/18		ŵv	10,000	\$1.4625	\$14,625.00	\$175.00
-	S S	S0239844 S0240089	3/1/16	3/1/16		ŵv	10,000	\$1.7000	\$17,000.00	\$900.00
	5		3/1/16	3/1/16		ŴV	5,000	\$1.4950	\$7,475.00	\$128.00
	S	S0239791		3/1/16		Ŵ	50,000	\$1.6400	\$82,000.00	\$1,500.00
-	S S	S0240086	3/1/16	3/1/16		ŵv	30,000	\$1.5500	\$46,500.00	\$2,481.90
-	5	S0239806	3/1/16 3/1/16	3/1/16		ŴV	10,000	\$1.7050	\$17,050.00	\$950.00
-	S	S0240090				Ŵ		\$1.6850	\$8,425.00	\$175.00
1	s s	S0240036	3/1/16	3/1/16		ŴV	5,000 8,300	\$1.6900	\$14,027.00	\$332.00
	S	S0240042	3/1/16	3/1/16		WV		\$1.6650	\$8,325.00	\$250.00
•	S	S0239935	3/1/16	3/1/16			5,000	\$1.6975	\$16,975.00	\$825.00
	S	S0239966	3/1/16	3/1/16		WV	10,000			\$200.00
	s	S0239787	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00 \$3,438.50	\$92.00
1	S	S0239793	3/1/16	3/1/16		WV	2,300	\$1,4950		\$36.75
1	S	S0239810	3/1/16	3/1/16		WV	300	\$1.5675	\$470.25	\$250.00
	S S	S0239936	3/1/16	3/1/16	TCO	WV	5,000	\$1.6650	\$8,325.00 \$8,325.00	\$250.00
1	S	S0239937	3/1/16	3/1/16		wv	5,000	\$1.6650		\$250.00
1	S	S0239938	3/1/16	3/1/16		wv	5,000	\$1.6650	\$8,325.00 \$161,700.00	\$1,100.00
1	s	S0239883	3/1/16	3/1/16		WV	110,000	\$1.4700		\$10,307.50
	S	S0239058	3/1/16	3/1/16		WV	108,500	\$1.5750	\$170,887.50	\$12.50
	S	S0240073	3/1/16	3/1/16		wv	5,000	\$1.6175	\$8,087.50 \$16,175.00	\$25.00
1	S	S0240074	3/1/16	3/1/16		wv	10,000	\$1.6175		\$12.50
1	S	S0240072	3/1/16	3/1/16		wv	5,000	\$1.6175	\$8,087.50	
1	S	S0239968	3/1/16	3/1/16		wv	3,200	\$1.6925	\$5,416.00	\$392.00 \$360.00
l	S	S0239969	3/1/16	3/1/16		WV	3,000	\$1.6900	\$5,070.00	\$149.50
1	S	S0239970	3/1/16	3/1/16		WV	1,300	\$1.6850	\$2,190.50 \$7,475.00	\$149.50 \$125.00
1	S	\$0239786	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00 \$7,475.00	\$125.00
1	S	S0239788	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00	\$125.00
1	S	S0239789	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00 \$7,475.00	\$125.00
1	S	S0239790	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00	
1	s	S0239792	3/1/16	3/1/16		WV	5,000	\$1.4950	\$7,475.00	\$125.00 \$12.50
1	s	S0240080	3/1/16	3/1/16		WV	500	\$1.6375	\$818.75	
l.	S	S0240083	3/1/16	3/1/16		WV	5,100	\$1.6400	\$8,364.00	\$140.25 \$11.00
1	S	S0240085	3/1/16	3/1/16		WV	400	\$1.6400	\$656.00 \$9.097.50	\$25.00
I.	S	S0240068	3/1/16	3/1/16		WV	5,000	\$1.6175	\$8,087.50	\$25.00 \$25.00
I.	S		. 3/1/16	3/1/16		WV	5,000	\$1,6175	\$8,087.50	
t	S	S0240070	3/1/16	3/1/16		WV	5,000	\$1.6175	\$8,087.50	\$25.00
I	S	S0240071	3/1/16	3/1/16		WV	5,000	\$1.6175	\$8,087.50	\$25.00
L	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

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

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

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