



PPL companies

Jeff DeRouen, Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40601

September 28, 2012

Re: Performance Based Ratemaking ("PBR" Case No. 2001-00017)

Dear Mr. DeRouen:

As directed in the Commission's Order in the above-cited case dated October 26, 2001, and reaffirmed in its Orders dated May 27, 2005, in Case No. 2005-00031 and April 30, 2010, in Case No. 2009-00550, Louisville Gas and Electric Company ("LG&E") encloses herewith an original and four copies of the PBR quarterly activity report. This report is a summary of LG&E's activity under the PBR mechanism for the period beginning November 1, 2011 and ending April 30, 2012, and includes data and supporting documentation for the entirety of PBR Year 15 (November 1, 2011 through October 31, 2012).

The report includes the following:

1. The non-labor related O&M costs incurred to implement the PBR mechanisms,
2. The results of LG&E's activity under the PBR.

If you have any questions regarding this matter, please contact Clay Murphy, Director of Gas Management, Planning, and Supply at (502) 627-2424.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. M. Conroy', written over a horizontal line.

Robert M. Conroy

Enclosures

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PUBLIC SERVICE
COMMISSION

Louisville Gas and

Electric Company

State Regulation and Rates

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Activity Under LG&E's Performance-Based Ratemaking ("PBR") Mechanism for November and December 2012 and January 2013

Attached is a summary of LG&E's activity under the PBR mechanism for November and December 2012, and January 2013 of PBR Year 16 (November 1, 2012, through October 31, 2013) of LG&E's gas supply cost PBR mechanism. In accordance with the Order in Case No. 2009-00550 dated April 30, 2010, LG&E is making this quarterly filing.

In each of these quarterly reports, LG&E is supplying the Public Service Commission ("Commission") with information which is pertinent to the particular quarter. Also enclosed is the supporting documentation related to the PBR calculations.

General Discussion:

The results for this quarter cannot and should not be extrapolated for the remainder of the 2012/2013 PBR period. Savings or expenses may occur under the PBR in later months which may offset the expenses or savings experienced to date.

The results shown in this filing compare the various calculated benchmarks against actual gas costs for each PBR component by month. The actual gas costs and volumes set forth herein do not correspond to the dollars and volumes actually booked and reported by LG&E as purchased gas costs for the month as reported in LG&E's Gas Supply Clause ("GSC"). The actual costs and volumes used herein reflect adjustments made to LG&E's costs and volumes, not in the month the adjustments were made and booked, but in the month for which the adjustments are applicable. As billing or volumetric adjustments occur, the results set forth herein may be modified. If they occur at all, these adjustments are not expected to be significant.

PBR—Gas Acquisition Index Factor ("GAIF") is an incentive mechanism for gas commodity costs. Under this component, LG&E benchmarks its gas commodity costs against a calculated benchmark representative of the market price of gas by using various industry-accepted price postings. Factors affecting LG&E's performance under this portion of the PBR mechanism are discussed below.

Purchasing Practices and Strategy: LG&E has sought to generate savings under the PBR mechanism by (1) aggressively managing gas supplies to ensure that purchases will be made at less than applicable gas supply indices, (2) purchasing gas at capacity-constrained points at which points natural gas is typically priced at less than the referenced indices, (3) maximizing the use of LG&E's on-system storage and off-system contract storage by accelerating or deferring injections (or withdrawals) in order to maximize savings under the PBR mechanism, and (4) taking actions in order to mitigate expenses under the HRF component of the GAIF. LG&E has not used any financial instruments to date in pursuing its objectives under the PBR mechanism.

PBR – Transportation Index Factor (“TIF”) is an incentive mechanism for pipeline transportation costs. With this component, LG&E benchmarks its pipeline transportation costs against the transportation rates filed with the Federal Energy Regulatory Commission (“FERC”) by either Texas Gas Transmission, LLC (“Texas Gas”) or Tennessee Gas Pipeline Company (“Tennessee”), as applicable.

Purchasing Practices and Strategy: LG&E has sought to ensure that savings result under the PBR mechanism by (1) aggressively negotiating pipeline discounts, and (2) releasing pipeline capacity when not required by LG&E to serve its customers. Factors affecting LG&E’s performance under this portion of the PBR mechanism are discussed below.

Texas Gas Transmission LLC Rate Case: The rates charged by Texas Gas are final rates and are not being billed subject to refund.

Tennessee Gas Pipeline Company: The rates charged by Tennessee Gas are final rates and are not being billed subject to refund.

PBR – Off-System Sales Index Factor (“OSSIF”) is an incentive mechanism for off-system sales. LG&E may be in a position to sell natural gas or transportation services or both above cost.

Off-System Sales Activity: LG&E made off-system sales during the PBR period when the opportunity arose to generate savings, and LG&E had natural gas under contract and available for sale. These off-system sales were made to entities which are not affiliated with LG&E.

Information Required to be Reported: As required by the Commission, the following information is being supplied as a part of this filing.

Calculated Results: During the 3 months ended January 31, 2013, LG&E has achieved the following results:

	<u>PBR-GAIF</u>	<u>PBR-TIF</u>	<u>PBR-OSSIF</u>	<u>Total</u>
Nov. 2012	\$490,758	\$208,967	\$0	\$699,725
Dec.	\$456,374	\$207,957	\$0	\$664,331
Jan. 2013	\$404,844	\$208,089	\$0	\$612,933
<i>Qtr. Subtotal</i>	\$1,351,976	\$625,013	\$0	\$1,976,989

The supporting calculations are enclosed with this filing.

Labor and Operating and Maintenance ("O&M") Costs: The PBR mechanism requires that LG&E exclude labor-related or other expenses typically classified as O&M expenses from the determination of any savings or expenses under the PBR mechanism. LG&E is required to report on a quarterly basis any costs required to implement the PBR mechanism. Inasmuch as such costs cannot be shared between Company and Customer, LG&E has sought to minimize incremental costs. LG&E has not incurred any significant quantifiable costs during the period covered by this quarterly report for activity under the PBR mechanism.

pbr_quarterly_reports_psc_1 2013.doc

**PBR CALCULATIONS FOR THE 3 MONTHS ENDED
JANUARY 31, 2013**

**PBR-GAIF
SUPPORTING CALCULATIONS**

**PBR-GAIF
CALCULATION OF BENCHMARK GAS COSTS
("BGC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
GAIF - CALCULATION OF BGC

Column	1	2	3	4	5	6	7	8	9	10	11	12	13	
	APV TRANSPORTED UNDER TGT RATE NNS	APV TRANSPORTED UNDER TGT RATE FT	APV TRANSPORTED UNDER TGT RATE STF	APV TRANSPORTED UNDER TGPL FT-A	APV TRANSPORTED UNDER OTHER CAPACITY	TOTAL APV FOR SYSTEM SUPPLY (1+2+3+4+5)	TGT OR TGPL PEFDCQ	APV - PEFDCQ= TOTAL APV FOR SYSTEM SUPPLY (6-7)	ALLOCATION OF APV ACCORDING TO SZFQE%					TGPL ZONE 1 0.00%
									TGT ZONE SL 11.48%	TGT ZONE 1 50.47%	TGT ZONE 4 7.36%	TGPL ZONE 0 30.89%	TGPL ZONE 1 0.00%	
									(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	
Nov 12	1,691,437	422,360	0	612,930	0	2,726,727	0	2,726,727	313,028	1,376,179	200,687	836,833	0	
Dec 12	1,582,292	346,882	0	482,155	0	2,411,329	0	2,411,329	276,820	1,216,998	177,474	740,037	0	
Jan 13	1,915,450	356,447	0	509,482	0	2,781,379	0	2,781,379	319,302	1,403,762	204,710	853,605	0	
Feb 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mar 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Apr 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jun 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jul 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Aug 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sep 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oct 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	5,189,179	1,125,689	0	1,604,567	0	7,919,435	0	7,919,435	909,150	3,996,939	582,871	2,430,475	0	

Column	14	15	16	17	18	19	20	21	22	23	24	25	26
	SAI TGT-SL	APV x SAI TGT-SL (9X14)	SAI TGT-Z1	APV x SAI TGT-Z1 (10X16)	SAI TGT-Z4	APV x SAI TGT-Z4 (11X18)	SAI TGPL-Z0	APV x SAI TGPL-Z0 (12X20)	SAI TGPL-Z1	APV x SAI TGPL-Z1 (13X22)	DAI TGT OR TGPL	APV x DAI TGT OR TGPL (7 x 24)	TOTAL BMGCC (15+17+19+21+23+25)
Nov 12	\$3,4818	\$1,089,901	\$3,4657	\$4,769,424	\$3,6125	\$724,982	\$3,4183	\$2,860,546	\$3,4938	\$0	\$3,5684	\$0	\$9,444,853
Dec 12	\$3,4413	\$952,621	\$3,4270	\$4,170,652	\$3,5737	\$634,239	\$3,4095	\$2,523,156	\$3,4443	\$0	\$3,4627	\$0	\$8,280,668
Jan 13	\$3,3091	\$1,056,602	\$3,3029	\$4,636,486	\$3,4552	\$707,314	\$3,2932	\$2,811,092	\$3,3334	\$0	\$3,2539	\$0	\$9,211,494
Feb 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Mar 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Apr 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
May 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Jun 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Jul 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Aug 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Sep 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Oct 13	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0
Total		\$3,099,124		\$13,576,562		\$2,066,535		\$8,194,794		\$0		\$0	\$26,937,015

Column	27	28	29	30	31
	TOTAL BMGCC (COL. 26)	SUPPLY RESERVATION FEES		HRF (28 + 29) / 2	BGC (27+30)
		2010/2011	2011/2012		
Nov 12	\$9,444,853	\$709,239	\$431,546	\$570,393	\$10,015,246
Dec 12	\$8,280,668	\$968,243	\$702,791	\$835,517	\$9,116,185
Jan 13	\$9,211,494	\$975,310	\$700,449	\$837,880	\$10,049,374
Feb 13	\$0	\$0	\$0	\$0	\$0
Mar 13	\$0	\$0	\$0	\$0	\$0
Apr 13	\$0	\$0	\$0	\$0	\$0
May 13	\$0	\$0	\$0	\$0	\$0
Jun 13	\$0	\$0	\$0	\$0	\$0
Jul 13	\$0	\$0	\$0	\$0	\$0
Aug 13	\$0	\$0	\$0	\$0	\$0
Sep 13	\$0	\$0	\$0	\$0	\$0
Oct 13	\$0	\$0	\$0	\$0	\$0
Total	\$26,937,015	\$2,652,792	\$1,834,786	\$2,243,790	\$29,180,805

**PBR-GAIF
CALCULATION OF ACTUAL GAS COSTS
("AGC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS ACQUISITION INDEX FACTOR - CALCULATION OF AGC

Column	1	2	3	4	5	6	7	8	9	10
	APV TRANSPORTED UNDER LG&E'S TGT RATE NNS	COST OF GAS TRANSPORTED UNDER LG&E'S RATE NNS	APV TRANSPORTED UNDER LG&E'S TGT RATE FT	COST OF GAS TRANSPORTED UNDER LG&E'S TGT RATE FT	APV TRANSPORTED UNDER LG&E'S TGT RATE STF	COST OF GAS TRANSPORTED UNDER LG&E'S TGT RATE STF	APV TRANSPORTED UNDER LG&E'S TGPL RATE FT-A	COST OF GAS TRANSPORTED UNDER LG&E'S TGPL RATE FT-A	APV TRANSPORTED UNDER OTHER CAPACITY	COST OF GAS TRANSPORTED UNDER OTHER CAPACITY
					0	\$0	612,930	\$2,047,186	0	\$0
Nov 12	1,691,437	\$5,783,158	422,360	\$1,469,837	0	\$0	482,155	\$1,607,880	0	\$0
Dec 12	1,582,292	\$5,491,232	346,882	\$1,191,574	0	\$0	509,482	\$1,674,601	0	\$0
Jan 13	1,915,450	\$6,379,224	356,447	\$1,217,328	0	\$0	0	\$0	0	\$0
Feb 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Mar 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Apr 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
May 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Jun 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Jul 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Aug 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sep 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Oct 13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
	5,189,179	\$17,653,614	1,125,689	\$3,878,739	0	\$0	1,604,567	\$5,329,667	0	\$0

Column	11	12	13
	TOTAL GAS COSTS (2+4+6+8+10)	2012/2013 SUPPLY RESERVATION FEES	TOTAL ACTUAL GAS COSTS
Nov 12	\$9,300,181	\$224,307	\$9,524,488
Dec 12	\$8,290,686	\$369,125	\$8,659,811
Jan 13	\$9,271,153	\$373,377	\$9,644,530
Feb 13	\$0	\$0	\$0
Mar 13	\$0	\$0	\$0
Apr 13	\$0	\$0	\$0
May 13	\$0	\$0	\$0
Jun 13	\$0	\$0	\$0
Jul 13	\$0	\$0	\$0
Aug 13	\$0	\$0	\$0
Sep 13	\$0	\$0	\$0
Oct 13	\$0	\$0	\$0
Total	\$26,862,020	\$966,809	\$27,828,829

**PBR-GAIF
CALCULATION OF SAVINGS AND/OR EXPENSES**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SAVINGS AND EXPENSES
 UNDER PBR GAS ACQUISITION FACTOR ("GAIF")

Column	1	2	3
	BGC FROM COL. 31	AGC FROM COL. 13	SAVINGS/ (EXPENSES) (1 - 2)
Nov 12	\$10,015,246	\$9,524,488	\$490,758
Dec 12	\$9,116,185	\$8,659,811	\$456,374
Jan 13	\$10,049,374	\$9,644,530	\$404,844
Feb 13	\$0	\$0	\$0
Mar 13	\$0	\$0	\$0
Apr 13	\$0	\$0	\$0
May 13	\$0	\$0	\$0
Jun 13	\$0	\$0	\$0
Jul 13	\$0	\$0	\$0
Aug 13	\$0	\$0	\$0
Sep 13	\$0	\$0	\$0
Oct 13	\$0	\$0	\$0
Total	\$29,180,805	\$27,828,829	\$1,351,976

**PBR-GAIF
INDICES**

**PBR-GAIF
INDICES
TEXAS GAS – ZONE SL**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGT-SL)

	NATURAL GAS WEEK GULF COAST ONSHORE-LA	PLATTS GAS DAILY AVG. TGT ZONE SL	PLATTS INSIDE FERC TGT -ZONE SL	AVERAGE
Nov. 12	\$3.4775	\$3.5180	\$3.4500	\$3.4818
Dec. 12	\$3.3540	\$3.2898	\$3.6800	\$3.4413
Jan. 13	\$3.3225	\$3.2848	\$3.3200	\$3.3091
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TEXAS GAS ZONE SL

NATURAL GAS WEEK GULF COAST ONSHORE - LA			NATURAL GAS WEEK GULF COAST ONSHORE - LA		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/05/2012	\$3.4100		05/06/2013	\$0.0000	
11/12/2012	\$3.3600		05/13/2013	\$0.0000	
11/19/2012	\$3.5300		05/20/2013	\$0.0000	
11/26/2012	\$3.6100	\$3.4775	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.5500		06/03/2013	\$0.0000	
12/10/2011	\$3.3400		06/10/2013	\$0.0000	
12/17/2011	\$3.2200		06/17/2013	\$0.0000	
12/24/2011	\$3.3300		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.3300	\$3.3540	07/01/2013	\$0.0000	
01/07/2013	\$3.2100		07/08/2013	\$0.0000	
01/14/2013	\$3.1500		07/15/2013	\$0.0000	
01/21/2013	\$3.4700		07/22/2013	\$0.0000	
01/28/2013	\$3.4600	\$3.3225	07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$0.0000		08/05/2013	\$0.0000	
02/11/2013	\$0.0000		08/12/2013	\$0.0000	
02/18/2013	\$0.0000		08/19/2013	\$0.0000	
02/25/2013	\$0.0000	\$0.0000	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
04/01/2013	\$0.0000		09/30/2013	\$0.0000	\$0.0000
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR TEXAS GAS ZONE SL

NOVEMBER 2012

DECEMBER 2012

JANUARY 2013

TEXAS GAS ZONE SL

TEXAS GAS ZONE SL

TEXAS GAS ZONE SL

DAY	LOW	HIGH	AVERAGE
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DAY	LOW	HIGH	AVERAGE
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DAY	LOW	HIGH	AVERAGE
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1	\$ 3.4500	\$ 3.4600	\$ 3.4550
2	\$ 3.4400	\$ 3.4400	\$ 3.4400
3			
4			
5	\$ 3.3500	\$ 3.4000	\$ 3.3750
6	\$ 3.3200	\$ 3.3600	\$ 3.3400
7	\$ 3.4100	\$ 3.4400	\$ 3.4250
8	\$ 3.4500	\$ 3.4800	\$ 3.4650
9	\$ 3.3600	\$ 3.3800	\$ 3.3700
10			
11			
12	\$ 3.2300	\$ 3.2500	\$ 3.2400
13	\$ 3.3800	\$ 3.4100	\$ 3.3950
14	\$ 3.5900	\$ 3.6000	\$ 3.5950
15	\$ 3.6400	\$ 3.6400	\$ 3.6400
16	\$ 3.6000	\$ 3.6000	\$ 3.6000
17			
18			
19	\$ 3.4600	\$ 3.4600	\$ 3.4600
20	\$ 3.5900	\$ 3.6000	\$ 3.5950
21	\$ 3.5800	\$ 3.5800	\$ 3.5800
22			
23			
24			
25			
26	\$ 3.5500	\$ 3.6000	\$ 3.5750
27	\$ 3.7400	\$ 3.7500	\$ 3.7450
28	\$ 3.7600	\$ 3.7600	\$ 3.7600
29	\$ 3.7000	\$ 3.7000	\$ 3.7000
30	\$ 3.6000	\$ 3.6100	\$ 3.6050

1			
2			
3	\$ 3.4100	\$ 3.4100	\$ 3.4100
4	\$ 3.3000	\$ 3.3600	\$ 3.3300
5	\$ 3.2700	\$ 3.2700	\$ 3.2700
6	\$ 3.3500	\$ 3.3500	\$ 3.3500
7	\$ 3.3700	\$ 3.3700	\$ 3.3700
8			
9			
10	\$ 3.3100	\$ 3.3100	\$ 3.3100
11	\$ 3.3700	\$ 3.3700	\$ 3.3700
12	\$ 3.3500	\$ 3.3500	\$ 3.3500
13	\$ 3.2800	\$ 3.2900	\$ 3.2850
14	\$ 3.2100	\$ 3.2100	\$ 3.2100
15			
16			
17	\$ 3.0800	\$ 3.0900	\$ 3.0850
18	\$ 3.1700	\$ 3.1700	\$ 3.1700
19	\$ 3.2400	\$ 3.2400	\$ 3.2400
20	\$ 3.2100	\$ 3.2200	\$ 3.2150
21	\$ 3.3200	\$ 3.3400	\$ 3.3300
22			
23			
24	\$ 3.3500	\$ 3.3700	\$ 3.3600
25			
26	\$ 3.1900	\$ 3.1900	\$ 3.1900
27	\$ 3.3100	\$ 3.3100	\$ 3.3100
28	\$ 3.2800	\$ 3.2800	\$ 3.2800
29			
30			
31	\$ 3.3500	\$ 3.3700	\$ 3.3600

1			
2	\$ 3.3000	\$ 3.3100	\$ 3.3050
3	\$ 3.1900	\$ 3.2200	\$ 3.2050
4	\$ 3.1200	\$ 3.1300	\$ 3.1250
5			
6			
7	\$ 3.1300	\$ 3.1600	\$ 3.1450
8	\$ 3.2500	\$ 3.2600	\$ 3.2550
9	\$ 3.1200	\$ 3.1200	\$ 3.1200
10	\$ 3.0600	\$ 3.0700	\$ 3.0650
11	\$ 3.0300	\$ 3.0400	\$ 3.0350
12			
13			
14	\$ 3.1400	\$ 3.1600	\$ 3.1500
15	\$ 3.3800	\$ 3.3800	\$ 3.3800
16	\$ 3.3800	\$ 3.3900	\$ 3.3850
17	\$ 3.4200	\$ 3.4400	\$ 3.4300
18	\$ 3.4200	\$ 3.4200	\$ 3.4200
19			
20			
21			
22	\$ 3.5100	\$ 3.5200	\$ 3.5150
23	\$ 3.5600	\$ 3.5600	\$ 3.5600
24	\$ 3.4500	\$ 3.4500	\$ 3.4500
25	\$ 3.4800	\$ 3.5200	\$ 3.5000
26			
27			
28	\$ 3.3500	\$ 3.3600	\$ 3.3550
29	\$ 3.1300	\$ 3.1800	\$ 3.1550
30	\$ 3.1400	\$ 3.1400	\$ 3.1400
31	No Posting On This Day		

TOTAL \$ 70.2000 \$ 70.5200 \$ 70.3600

TOTAL \$ 65.7200 \$ 65.8700 \$ 65.7950

TOTAL \$ 65.5600 \$ 65.8300 \$ 65.6950

POSTINGS 20 20 20

POSTINGS 20 20 20

POSTINGS 20 20 20

AVERAGE \$ 3.5100 \$ 3.5260 \$ 3.5180

AVERAGE \$ 3.2860 \$ 3.2935 \$ 3.2898

AVERAGE \$ 3.2780 \$ 3.2915 \$ 3.2848

**PBR-GAIF
INDICES
TEXAS GAS – ZONE 1**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGT-Z1)

	NATURAL GAS WEEK LOUISIANA NORTH	PLATTS GAS DAILY AVG. TGT ZONE 1	PLATTS INSIDE FERC TGT -ZONE 1	AVERAGE
Nov. 12	\$3.4625	\$3.5245	\$3.4100	\$3.4657
Dec. 12	\$3.3260	\$3.2950	\$3.6600	\$3.4270
Jan. 13	\$3.3100	\$3.2886	\$3.3100	\$3.3029
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR TEXAS GAS ZONE 1

	NATURAL GAS WEEK LOUISIANA NORTH	MONTHLY AVERAGE		NATURAL GAS WEEK LOUISIANA NORTH	MONTHLY AVERAGE
11/05/2012	\$3.3800		05/06/2013	\$0.0000	
11/12/2012	\$3.3100		05/13/2013	\$0.0000	
11/19/2012	\$3.5000		05/20/2013	\$0.0000	
11/26/2012	\$3.6600	\$3.4625	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.5700		06/03/2013	\$0.0000	
12/10/2011	\$3.3100		06/10/2013	\$0.0000	
12/17/2011	\$3.1600		06/17/2013	\$0.0000	
12/24/2011	\$3.2700		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.3200	\$3.3260	07/01/2013	\$0.0000	
01/07/2013	\$3.2000		07/08/2013	\$0.0000	
01/14/2013	\$3.1300		07/15/2013	\$0.0000	
01/21/2013	\$3.4600		07/22/2013	\$0.0000	
01/28/2013	\$3.4500	\$3.3100	07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$0.0000		08/05/2013	\$0.0000	
02/11/2013	\$0.0000		08/12/2013	\$0.0000	
02/18/2013	\$0.0000		08/19/2013	\$0.0000	
02/25/2013	\$0.0000	\$0.0000	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
04/01/2013	\$0.0000		09/30/2013	\$0.0000	\$0.0000
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR TEXAS GAS ZONE 1

NOVEMBER 2012

DECEMBER 2012

JANUARY 2013

TEXAS GAS ZONE 1			
DAY	LOW	HIGH	AVERAGE
1	\$ 3.4600	\$ 3.4900	\$ 3.4750
2	\$ 3.4400	\$ 3.4600	\$ 3.4500
3			
4			
5	\$ 3.3500	\$ 3.3800	\$ 3.3650
6	\$ 3.3200	\$ 3.3500	\$ 3.3350
7	\$ 3.4200	\$ 3.4500	\$ 3.4350
8	\$ 3.4700	\$ 3.5000	\$ 3.4850
9	\$ 3.3600	\$ 3.4000	\$ 3.3800
10			
11			
12	\$ 3.2200	\$ 3.2500	\$ 3.2350
13	\$ 3.4000	\$ 3.4300	\$ 3.4150
14	\$ 3.5800	\$ 3.6000	\$ 3.5900
15	\$ 3.6400	\$ 3.6600	\$ 3.6500
16	\$ 3.6100	\$ 3.6300	\$ 3.6200
17			
18			
19	\$ 3.4500	\$ 3.5200	\$ 3.4850
20	\$ 3.6100	\$ 3.6200	\$ 3.6150
21	\$ 3.5700	\$ 3.6100	\$ 3.5900
22			
23			
24			
25			
26	\$ 3.5300	\$ 3.6400	\$ 3.5850
27	\$ 3.7200	\$ 3.7500	\$ 3.7350
28	\$ 3.7400	\$ 3.7600	\$ 3.7500
29	\$ 3.6900	\$ 3.7000	\$ 3.6950
30	\$ 3.5800	\$ 3.6200	\$ 3.6000
TOTAL	\$ 70.1600	\$ 70.8200	\$ 70.4900
POSTINGS	20	20	20
AVERAGE	\$ 3.5080	\$ 3.5410	\$ 3.5245

TEXAS GAS ZONE 1			
DAY	LOW	HIGH	AVERAGE
1			
2			
3	\$ 3.4100	\$ 3.4500	\$ 3.4300
4	\$ 3.3100	\$ 3.3500	\$ 3.3300
5	\$ 3.2700	\$ 3.2900	\$ 3.2800
6	\$ 3.3300	\$ 3.3600	\$ 3.3450
7	\$ 3.3700	\$ 3.3900	\$ 3.3800
8			
9			
10	\$ 3.2800	\$ 3.3100	\$ 3.2950
11	\$ 3.3400	\$ 3.3600	\$ 3.3500
12	\$ 3.3300	\$ 3.4000	\$ 3.3650
13	\$ 3.2900	\$ 3.3000	\$ 3.2950
14	\$ 3.2000	\$ 3.2200	\$ 3.2100
15			
16			
17	\$ 3.0700	\$ 3.1000	\$ 3.0850
18	\$ 3.1700	\$ 3.1800	\$ 3.1750
19	\$ 3.2500	\$ 3.2600	\$ 3.2550
20	\$ 3.2100	\$ 3.2300	\$ 3.2200
21	\$ 3.3300	\$ 3.3500	\$ 3.3400
22			
23			
24	\$ 3.3200	\$ 3.3600	\$ 3.3400
25			
26	\$ 3.2000	\$ 3.2300	\$ 3.2150
27	\$ 3.3100	\$ 3.3300	\$ 3.3200
28	\$ 3.2800	\$ 3.2900	\$ 3.2850
29			
30			
31	\$ 3.3800	\$ 3.3900	\$ 3.3850
TOTAL	\$ 65.6500	\$ 66.1500	\$ 65.9000
POSTINGS	20	20	20
AVERAGE	\$ 3.2825	\$ 3.3075	\$ 3.2950

TEXAS GAS ZONE 1			
DAY	LOW	HIGH	AVERAGE
1			
2	\$ 3.3200	\$ 3.3900	\$ 3.3550
3	\$ 3.1800	\$ 3.2300	\$ 3.2050
4	\$ 3.1100	\$ 3.1300	\$ 3.1200
5			
6			
7	\$ 3.1300	\$ 3.1800	\$ 3.1550
8	\$ 3.2300	\$ 3.2600	\$ 3.2450
9	\$ 3.1500	\$ 3.1700	\$ 3.1600
10	\$ 3.0800	\$ 3.0900	\$ 3.0850
11	\$ 3.0200	\$ 3.0500	\$ 3.0350
12			
13			
14	\$ 3.1200	\$ 3.1500	\$ 3.1350
15	\$ 3.3600	\$ 3.3900	\$ 3.3750
16	\$ 3.3800	\$ 3.3900	\$ 3.3850
17	\$ 3.4100	\$ 3.4300	\$ 3.4200
18	\$ 3.4000	\$ 3.4100	\$ 3.4050
19			
20			
21			
22	\$ 3.4900	\$ 3.5300	\$ 3.5100
23	\$ 3.5400	\$ 3.5800	\$ 3.5600
24	\$ 3.4800	\$ 3.5100	\$ 3.4950
25	\$ 3.5000	\$ 3.5100	\$ 3.5050
26			
27			
28	\$ 3.3400	\$ 3.3600	\$ 3.3500
29	\$ 3.1600	\$ 3.1900	\$ 3.1750
30	\$ 3.1100	\$ 3.1500	\$ 3.1300
31	\$ 3.2500	\$ 3.2600	\$ 3.2550
TOTAL	\$ 68.7600	\$ 69.3600	\$ 69.0600
POSTINGS	21	21	21
AVERAGE	\$ 3.2743	\$ 3.3029	\$ 3.2886

**PBR-GAIF
INDICES
TEXAS GAS – ZONE 4**

LOUISVILLE GAS AND ELECTRIC
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGT-Z4)

	NATURAL GAS WEEK LEBANON HUB	PLATTS GAS DAILY AVG. TGT ZONE 4	PLATTS INSIDE FERC TGT -LEB HUB	AVERAGE
Nov. 12	\$3.6025	\$3.6750	\$3.5600	\$3.6125
Dec. 12	\$3.4820	\$3.4390	\$3.8000	\$3.5737
Jan. 13	\$3.4900	\$3.4555	\$3.4200	\$3.4552
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR LEBANON HUB

	NATURAL GAS WEEK LEBANON HUB	MONTHLY AVERAGE		NATURAL GAS WEEK LEBANON HUB	MONTHLY AVERAGE
11/05/2012	\$3.5600		05/06/2013	\$0.0000	
11/12/2012	\$3.5400		05/13/2013	\$0.0000	
11/19/2012	\$3.6500		05/20/2013	\$0.0000	
11/26/2012	\$3.6600	\$3.6025	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.6700		06/03/2013	\$0.0000	
12/10/2011	\$3.4200		06/10/2013	\$0.0000	
12/17/2011	\$3.3600		06/17/2013	\$0.0000	
12/24/2011	\$3.4800		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.4800	\$3.4820			
01/07/2013	\$3.3700		07/01/2013	\$0.0000	
01/14/2013	\$3.3100		07/08/2013	\$0.0000	
01/21/2013	\$3.6700		07/15/2013	\$0.0000	
01/28/2013	\$3.6100	\$3.4900	07/22/2013	\$0.0000	
			07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$0.0000		08/05/2013	\$0.0000	
02/11/2013	\$0.0000		08/12/2013	\$0.0000	
02/18/2013	\$0.0000		08/19/2013	\$0.0000	
02/25/2013	\$0.0000	\$0.0000	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
			09/30/2013	\$0.0000	\$0.0000
04/01/2013	\$0.0000				
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR TEXAS GAS LEBANON HUB

NOVEMBER 2012

DECEMBER 2012

JANUARY 2013

TEXAS GAS LEBANON HUB

DAY	LOW	HIGH	AVERAGE
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TEXAS GAS LEBANON HUB

DAY	LOW	HIGH	AVERAGE
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TEXAS GAS LEBANON HUB

DAY	LOW	HIGH	AVERAGE
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1	\$ 3.6100	\$ 3.6400	\$ 3.6250
2	\$ 3.5900	\$ 3.6400	\$ 3.6150
3			
4			
5	\$ 3.4600	\$ 3.5000	\$ 3.4800
6	\$ 3.4900	\$ 3.5000	\$ 3.4950
7	\$ 3.5600	\$ 3.5900	\$ 3.5750
8	\$ 3.6600	\$ 3.6900	\$ 3.6750
9	\$ 3.5000	\$ 3.5400	\$ 3.5200
10			
11			
12	\$ 3.3200	\$ 3.3700	\$ 3.3450
13	\$ 3.5700	\$ 3.6200	\$ 3.5950
14	\$ 3.7800	\$ 3.7900	\$ 3.7850
15	\$ 3.8100	\$ 3.8300	\$ 3.8200
16	\$ 3.7500	\$ 3.7500	\$ 3.7500
17			
18			
19	\$ 3.5800	\$ 3.6400	\$ 3.6100
20	\$ 3.7500	\$ 3.7700	\$ 3.7600
21	\$ 3.7100	\$ 3.7200	\$ 3.7150
22			
23			
24			
25			
26	\$ 3.6400	\$ 3.6700	\$ 3.6550
27	\$ 3.9200	\$ 3.9600	\$ 3.9400
28	\$ 3.9500	\$ 3.9700	\$ 3.9600
29	\$ 3.8300	\$ 3.8600	\$ 3.8450
30	\$ 3.7300	\$ 3.7400	\$ 3.7350
TOTAL	\$ 73.2100	\$ 73.7900	\$ 73.5000
POSTINGS	20	20	20
AVERAGE	\$ 3.6605	\$ 3.6895	\$ 3.6750

1			
2			
3	\$ 3.4800	\$ 3.5400	\$ 3.5100
4	\$ 3.4200	\$ 3.4500	\$ 3.4350
5	\$ 3.3400	\$ 3.4000	\$ 3.3700
6	\$ 3.4600	\$ 3.4800	\$ 3.4700
7	\$ 3.4600	\$ 3.5300	\$ 3.4950
8			
9			
10	\$ 3.3800	\$ 3.4700	\$ 3.4250
11	\$ 3.5000	\$ 3.5500	\$ 3.5250
12	\$ 3.5000	\$ 3.5400	\$ 3.5200
13	\$ 3.4200	\$ 3.4400	\$ 3.4300
14	\$ 3.3400	\$ 3.3600	\$ 3.3500
15			
16			
17	\$ 3.1900	\$ 3.2300	\$ 3.2100
18	\$ 3.2900	\$ 3.3400	\$ 3.3150
19	\$ 3.3900	\$ 3.4600	\$ 3.4250
20	\$ 3.3700	\$ 3.4000	\$ 3.3850
21	\$ 3.4700	\$ 3.5300	\$ 3.5000
22			
23			
24	\$ 3.5100	\$ 3.5600	\$ 3.5350
25			
26	\$ 3.3700	\$ 3.4500	\$ 3.4100
27	\$ 3.4700	\$ 3.5000	\$ 3.4850
28	\$ 3.4400	\$ 3.4600	\$ 3.4500
29			
30			
31	\$ 3.5100	\$ 3.5600	\$ 3.5350
TOTAL	\$ 68.3100	\$ 69.2500	\$ 68.7800
POSTINGS	20	20	20
AVERAGE	\$ 3.4155	\$ 3.4625	\$ 3.4390

1			
2	\$ 3.5200	\$ 3.6000	\$ 3.5600
3	\$ 3.3900	\$ 3.4300	\$ 3.4100
4	\$ 3.2500	\$ 3.3000	\$ 3.2750
5			
6			
7	\$ 3.3200	\$ 3.3300	\$ 3.3250
8	\$ 3.3900	\$ 3.4100	\$ 3.4000
9	\$ 3.2800	\$ 3.3100	\$ 3.2950
10	\$ 3.1700	\$ 3.1800	\$ 3.1750
11	\$ 3.1500	\$ 3.2000	\$ 3.1750
12			
13			
14	\$ 3.2500	\$ 3.3400	\$ 3.2950
15	\$ 3.5300	\$ 3.5500	\$ 3.5400
16	\$ 3.5500	\$ 3.6000	\$ 3.5750
17	\$ 3.5700	\$ 3.6100	\$ 3.5900
18	\$ 3.5600	\$ 3.6000	\$ 3.5800
19			
20			
21			
22	\$ 3.6900	\$ 3.7300	\$ 3.7100
23	\$ 3.7500	\$ 3.8100	\$ 3.7800
24	\$ 3.6500	\$ 3.7200	\$ 3.6850
25	\$ 3.6600	\$ 3.7100	\$ 3.6850
26			
27			
28	\$ 3.4800	\$ 3.5500	\$ 3.5150
29	\$ 3.2700	\$ 3.3000	\$ 3.2850
30	\$ 3.2200	\$ 3.3300	\$ 3.2750
31	\$ 3.4100	\$ 3.4600	\$ 3.4350
TOTAL	\$ 72.0600	\$ 73.0700	\$ 72.5650
POSTINGS	21	21	21
AVERAGE	\$ 3.4314	\$ 3.4795	\$ 3.4555

**PBR-GAIF
INDICES
TENNESSEE – ZONE 0**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SUPPLY AREA INDICES
 SAI (TGPL-Z0)

	NATURAL GAS WEEK GULF COAST ONSHORE - TX	PLATTS GAS DAILY AVG. - TGPL S. CORPUS CHRISTI	PLATTS INSIDE FERC TGPL-ZONE 0	AVERAGE
Nov. 12	\$3.4200	\$3.4950	\$3.3400	\$3.4183
Dec. 12	\$3.3300	\$3.2885	\$3.6100	\$3.4095
Jan. 13	\$3.3175	\$3.2821	\$3.2800	\$3.2932
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR GULF COAST ONSHORE - TEXAS

NATURAL GAS WEEK GULF COAST ONSHORE-TX			NATURAL GAS WEEK GULF COAST ONSHORE-TX		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/05/2012	\$3.3400		05/06/2013	\$0.0000	
11/12/2012	\$3.3000		05/13/2013	\$0.0000	
11/19/2012	\$3.4900		05/20/2013	\$0.0000	
11/26/2012	\$3.5500	\$3.4200	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.5200		06/03/2013	\$0.0000	
12/10/2011	\$3.3300		06/10/2013	\$0.0000	
12/17/2011	\$3.1700		06/17/2013	\$0.0000	
12/24/2011	\$3.3100		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.3200	\$3.3300	07/01/2013	\$0.0000	
01/07/2013	\$3.2000		07/08/2013	\$0.0000	
01/14/2013	\$3.1700		07/15/2013	\$0.0000	
01/21/2013	\$3.4600		07/22/2013	\$0.0000	
01/28/2013	\$3.4400	\$3.3175	07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$0.0000		08/05/2013	\$0.0000	
02/11/2013	\$0.0000		08/12/2013	\$0.0000	
02/18/2013	\$0.0000		08/19/2013	\$0.0000	
02/25/2013	\$0.0000	\$0.0000	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
04/01/2013	\$0.0000		09/30/2013	\$0.0000	\$0.0000
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR TGPL - SOUTH CORPUS CHRISTI

NOVEMBER 2012

TGPL - SOUTH CORPUS CHRISTI			
DAY	LOW	HIGH	AVERAGE
1	\$ 3.4400	\$ 3.4900	\$ 3.4650
2	\$ 3.4000	\$ 3.4400	\$ 3.4200
3			
4			
5	\$ 3.2600	\$ 3.3000	\$ 3.2800
6	\$ 3.2500	\$ 3.3600	\$ 3.3050
7	\$ 3.4000	\$ 3.4300	\$ 3.4150
8	\$ 3.4300	\$ 3.4700	\$ 3.4500
9	\$ 3.3700	\$ 3.4200	\$ 3.3950
10			
11			
12	\$ 3.2200	\$ 3.2700	\$ 3.2450
13	\$ 3.3100	\$ 3.3700	\$ 3.3400
14	\$ 3.5700	\$ 3.5900	\$ 3.5800
15	\$ 3.6100	\$ 3.6500	\$ 3.6300
16	\$ 3.5700	\$ 3.6100	\$ 3.5900
17			
18			
19	\$ 3.4300	\$ 3.4800	\$ 3.4550
20	\$ 3.5500	\$ 3.6100	\$ 3.5800
21	\$ 3.5400	\$ 3.5900	\$ 3.5650
22			
23			
24			
25			
26	\$ 3.4600	\$ 3.5400	\$ 3.5000
27	\$ 3.6700	\$ 3.7300	\$ 3.7000
28	\$ 3.7200	\$ 3.7600	\$ 3.7400
29	\$ 3.6600	\$ 3.7000	\$ 3.6800
30	\$ 3.5400	\$ 3.5900	\$ 3.5650
TOTAL	\$ 69.4000	\$ 70.4000	\$ 69.9000
POSTINGS	20	20	20
AVERAGE	\$ 3.4700	\$ 3.5200	\$ 3.4950

DECEMBER 2012

TGPL - SOUTH CORPUS CHRISTI			
DAY	LOW	HIGH	AVERAGE
1			
2			
3	\$ 3.4000	\$ 3.4600	\$ 3.4300
4	\$ 3.3100	\$ 3.4200	\$ 3.3650
5	\$ 3.2600	\$ 3.3000	\$ 3.2800
6	\$ 3.3400	\$ 3.3600	\$ 3.3500
7	\$ 3.3600	\$ 3.3800	\$ 3.3700
8			
9			
10	\$ 3.2800	\$ 3.3200	\$ 3.3000
11	\$ 3.3100	\$ 3.3500	\$ 3.3300
12	\$ 3.3300	\$ 3.3800	\$ 3.3550
13	\$ 3.2600	\$ 3.2800	\$ 3.2700
14	\$ 3.1900	\$ 3.2300	\$ 3.2100
15			
16			
17	\$ 3.0600	\$ 3.0900	\$ 3.0750
18	\$ 3.1400	\$ 3.1800	\$ 3.1600
19	\$ 3.2500	\$ 3.2700	\$ 3.2600
20	\$ 3.2100	\$ 3.2400	\$ 3.2250
21	\$ 3.3200	\$ 3.3400	\$ 3.3300
22			
23			
24	\$ 3.2900	\$ 3.3700	\$ 3.3300
25			
26	\$ 3.1900	\$ 3.2200	\$ 3.2050
27	\$ 3.2900	\$ 3.3200	\$ 3.3050
28	\$ 3.2500	\$ 3.2900	\$ 3.2700
29			
30			
31	\$ 3.3300	\$ 3.3700	\$ 3.3500
TOTAL	\$ 65.3700	\$ 66.1700	\$ 65.7700
POSTINGS	20	20	20
AVERAGE	\$ 3.2685	\$ 3.3085	\$ 3.2885

JANUARY 2013

TGPL - SOUTH CORPUS CHRISTI			
DAY	LOW	HIGH	AVERAGE
1			
2	\$ 3.2900	\$ 3.3400	\$ 3.3150
3	\$ 3.1900	\$ 3.2500	\$ 3.2200
4	\$ 3.1000	\$ 3.1200	\$ 3.1100
5			
6			
7	\$ 3.1100	\$ 3.1600	\$ 3.1350
8	\$ 3.2500	\$ 3.2700	\$ 3.2600
9	\$ 3.1500	\$ 3.1800	\$ 3.1650
10	\$ 3.0900	\$ 3.1000	\$ 3.0950
11	\$ 3.0500	\$ 3.0700	\$ 3.0600
12			
13			
14	\$ 3.1400	\$ 3.1600	\$ 3.1500
15	\$ 3.3600	\$ 3.3900	\$ 3.3750
16	\$ 3.3700	\$ 3.4000	\$ 3.3850
17	\$ 3.3900	\$ 3.4300	\$ 3.4100
18	\$ 3.3800	\$ 3.4200	\$ 3.4000
19			
20			
21			
22	\$ 3.4800	\$ 3.5000	\$ 3.4900
23	\$ 3.5100	\$ 3.5800	\$ 3.5450
24	\$ 3.4200	\$ 3.4700	\$ 3.4450
25	\$ 3.4700	\$ 3.4900	\$ 3.4800
26			
27			
28	\$ 3.3500	\$ 3.3700	\$ 3.3600
29	\$ 3.1600	\$ 3.1800	\$ 3.1700
30	\$ 3.1100	\$ 3.1500	\$ 3.1300
31	\$ 3.2000	\$ 3.2500	\$ 3.2250
TOTAL	\$ 68.5700	\$ 69.2800	\$ 68.9250
POSTINGS	21	21	21
AVERAGE	\$ 3.2652	\$ 3.2990	\$ 3.2821

**PBR-GAIF
INDICES
TENNESSEE – ZONE 1**

	NATURAL GAS WEEK GULF COAST ONSHORE-LA	PLATTS GAS DAILY AVG. - TGPL LA-ONSHORE SOUTH	PLATTS INSIDE FERC TGPL-ZONE 1	AVERAGE
Nov. 12	\$3.4775	\$3.5638	\$3.4400	\$3.4938
Dec. 12	\$3.3540	\$3.3488	\$3.6300	\$3.4443
Jan. 13	\$3.3225	\$3.3276	\$3.3500	\$3.3334
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR GULF COAST ONSHORE - LA

NATURAL GAS WEEK GULF COAST ONSHORE - LA			NATURAL GAS WEEK GULF COAST ONSHORE - LA		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/05/2012	\$3.4100		05/06/2013	\$0.0000	
11/12/2012	\$3.3600		05/13/2013	\$0.0000	
11/19/2012	\$3.5300		05/20/2013	\$0.0000	
11/26/2012	\$3.6100	\$3.4775	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.5500		06/03/2013	\$0.0000	
12/10/2011	\$3.3400		06/10/2013	\$0.0000	
12/17/2011	\$3.2200		06/17/2013	\$0.0000	
12/24/2011	\$3.3300		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.3300	\$3.3540	07/01/2013	\$0.0000	
01/07/2013	\$3.2100		07/08/2013	\$0.0000	
01/14/2013	\$3.1500		07/15/2013	\$0.0000	
01/21/2013	\$3.4700		07/22/2013	\$0.0000	
01/28/2013	\$3.4600	\$3.3225	07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$3.2700		08/05/2013	\$0.0000	
02/11/2013	\$3.2900		08/12/2013	\$0.0000	
02/18/2013	\$3.2200		08/19/2013	\$0.0000	
02/25/2013	\$3.2200	\$3.2500	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
04/01/2013	\$0.0000		09/30/2013	\$0.0000	\$0.0000
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR TGPL - LA ONSHORE SOUTH

NOVEMBER 2012

DECEMBER 2012

JANUARY 2013

TGPL - LA ONSHORE SO.- 500 LEG

DAY	LOW	HIGH	AVERAGE
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TGPL - LA ONSHORE SO.- 500 LEG

DAY	LOW	HIGH	AVERAGE
-----	-----	------	---------

TGPL - LA ONSHORE SO.- 500 LEG

DAY	LOW	HIGH	AVERAGE
-----	-----	------	---------

1	\$ 3.4900	\$ 3.5300	\$ 3.5100
2	\$ 3.4500	\$ 3.4800	\$ 3.4650
3			
4			
5	\$ 3.3500	\$ 3.3900	\$ 3.3700
6	\$ 3.3600	\$ 3.4300	\$ 3.3950
7	\$ 3.4400	\$ 3.4700	\$ 3.4550
8	\$ 3.4900	\$ 3.5200	\$ 3.5050
9	\$ 3.4200	\$ 3.4600	\$ 3.4400
10			
11			
12	\$ 3.2800	\$ 3.3200	\$ 3.3000
13	\$ 3.4000	\$ 3.4600	\$ 3.4300
14	\$ 3.6000	\$ 3.6300	\$ 3.6150
15	\$ 3.6800	\$ 3.7000	\$ 3.6900
16	\$ 3.6300	\$ 3.6600	\$ 3.6450
17			
18			
19	\$ 3.4700	\$ 3.5500	\$ 3.5100
20	\$ 3.6600	\$ 3.6900	\$ 3.6750
21	\$ 3.6400	\$ 3.6600	\$ 3.6500
22			
23			
24			
25			
26	\$ 3.6200	\$ 3.7100	\$ 3.6650
27	\$ 3.7600	\$ 3.8000	\$ 3.7800
28	\$ 3.7800	\$ 3.8300	\$ 3.8050
29	\$ 3.6800	\$ 3.7600	\$ 3.7200
30	\$ 3.6400	\$ 3.6600	\$ 3.6500

1			
2			
3	\$ 3.4900	\$ 3.5200	\$ 3.5050
4	\$ 3.4000	\$ 3.4500	\$ 3.4250
5	\$ 3.3300	\$ 3.3600	\$ 3.3450
6	\$ 3.3700	\$ 3.4100	\$ 3.3900
7	\$ 3.3600	\$ 3.4700	\$ 3.4150
8			
9			
10	\$ 3.2700	\$ 3.3800	\$ 3.3250
11	\$ 3.3600	\$ 3.4200	\$ 3.3900
12	\$ 3.3700	\$ 3.4200	\$ 3.3950
13	\$ 3.2900	\$ 3.3400	\$ 3.3150
14	\$ 3.2600	\$ 3.2900	\$ 3.2750
15			
16			
17	\$ 3.1500	\$ 3.1700	\$ 3.1600
18	\$ 3.2200	\$ 3.2500	\$ 3.2350
19	\$ 3.3000	\$ 3.3200	\$ 3.3100
20	\$ 3.2600	\$ 3.2800	\$ 3.2700
21	\$ 3.3800	\$ 3.4100	\$ 3.3950
22			
23			
24	\$ 3.4100	\$ 3.4600	\$ 3.4350
25			
26	\$ 3.2800	\$ 3.2900	\$ 3.2850
27	\$ 3.3400	\$ 3.3700	\$ 3.3550
28	\$ 3.3100	\$ 3.3300	\$ 3.3200
29			
30			
31	\$ 3.4200	\$ 3.4400	\$ 3.4300

1			
2	\$ 3.3400	\$ 3.3800	\$ 3.3600
3	\$ 3.2100	\$ 3.2500	\$ 3.2300
4	\$ 3.1500	\$ 3.1700	\$ 3.1600
5			
6			
7	\$ 3.1700	\$ 3.2200	\$ 3.1950
8	\$ 3.2800	\$ 3.3100	\$ 3.2950
9	\$ 3.2000	\$ 3.2200	\$ 3.2100
10	\$ 3.1200	\$ 3.1500	\$ 3.1350
11	\$ 3.0700	\$ 3.1000	\$ 3.0850
12			
13			
14	\$ 3.1800	\$ 3.2100	\$ 3.1950
15	\$ 3.3700	\$ 3.4000	\$ 3.3850
16	\$ 3.3800	\$ 3.4100	\$ 3.3950
17	\$ 3.4200	\$ 3.4600	\$ 3.4400
18	\$ 3.4200	\$ 3.4500	\$ 3.4350
19			
20			
21			
22	\$ 3.5100	\$ 3.5400	\$ 3.5250
23	\$ 3.5900	\$ 3.6500	\$ 3.6200
24	\$ 3.5300	\$ 3.5600	\$ 3.5450
25	\$ 3.5400	\$ 3.5800	\$ 3.5600
26			
27			
28	\$ 3.4200	\$ 3.4400	\$ 3.4300
29	\$ 3.2300	\$ 3.2500	\$ 3.2400
30	\$ 3.1500	\$ 3.2000	\$ 3.1750
31	\$ 3.2500	\$ 3.2800	\$ 3.2650

TOTAL \$ 70.8400 \$ 71.7100 \$ 71.2750

TOTAL \$ 66.5700 \$ 67.3800 \$ 66.9750

TOTAL \$ 69.5300 \$ 70.2300 \$ 69.8800

POSTINGS 20 20 20

POSTINGS 20 20 20

POSTINGS 21 21 21

AVERAGE \$ 3.5420 \$ 3.5855 \$ 3.5638

AVERAGE \$ 3.3285 \$ 3.3690 \$ 3.3488

AVERAGE \$ 3.3110 \$ 3.3443 \$ 3.3276

**PBR-GAIF
INDICES
DELIVERY AREA INDEX
("DAI")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF DELIVERY AREA INDICES
 DAI (TGT-4 AND TGPL-2)

	AVG. OF NGW DOMINION SOUTH	PLATTS AVG. OF GAS DAILY DOMINION SOUTH POINT	PLATTS INSIDE FERC DOMINION APPALACHIA	AVERAGE
Nov. 12	\$3.5850	\$3.6603	\$3.4600	\$3.5684
Dec. 12	\$3.3360	\$3.2820	\$3.7700	\$3.4627
Jan. 13	\$3.2775	\$3.2643	\$3.2200	\$3.2539
Feb. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Mar. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Apr. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
May 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jun. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Jul. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Aug. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Sep. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Oct. 13	\$0.0000	\$0.0000	\$0.0000	\$0.0000

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH
FOR DOMINION SOUTH
POINT

	NATURAL GAS WEEK DOMINION SOUTH	MONTHLY AVERAGE		NATURAL GAS WEEK DOMINION SOUTH	MONTHLY AVERAGE
11/05/2012	\$3.4900		05/06/2013	\$0.0000	
11/12/2012	\$3.4700		05/13/2013	\$0.0000	
11/19/2012	\$3.6900		05/20/2013	\$0.0000	
11/26/2012	\$3.6900	\$3.5850	05/27/2013	\$0.0000	\$0.0000
12/03/2011	\$3.6300		06/03/2013	\$0.0000	
12/10/2011	\$3.3000		06/10/2013	\$0.0000	
12/17/2011	\$3.2100		06/17/2013	\$0.0000	
12/24/2011	\$3.2600		06/24/2013	\$0.0000	\$0.0000
12/31/2012	\$3.2800	\$3.3360	07/01/2013	\$0.0000	
01/07/2013	\$3.1100		07/08/2013	\$0.0000	
01/14/2013	\$3.0700		07/15/2013	\$0.0000	
01/21/2013	\$3.4500		07/22/2013	\$0.0000	
01/28/2013	\$3.4800	\$3.2775	07/29/2013	\$0.0000	\$0.0000
02/04/2013	\$0.0000		08/05/2013	\$0.0000	
02/11/2013	\$0.0000		08/12/2013	\$0.0000	
02/18/2013	\$0.0000		08/19/2013	\$0.0000	
02/25/2013	\$0.0000	\$0.0000	08/26/2013	\$0.0000	\$0.0000
03/04/2013	\$0.0000		09/02/2013	\$0.0000	
03/11/2013	\$0.0000		09/09/2013	\$0.0000	
03/18/2013	\$0.0000		09/16/2013	\$0.0000	
03/25/2013	\$0.0000	\$0.0000	09/23/2013	\$0.0000	
04/01/2013	\$0.0000		09/30/2013	\$0.0000	\$0.0000
04/08/2013	\$0.0000		10/07/2013	\$0.0000	
04/15/2013	\$0.0000		10/14/2013	\$0.0000	
04/22/2013	\$0.0000		10/21/2013	\$0.0000	
04/29/2013	\$0.0000	\$0.0000	10/28/2013	\$0.0000	\$0.0000

CALCULATION OF AVERAGE PRICES REPORTED IN PLATTS GAS DAILY
FOR DOMINION - SOUTH POINT

NOVEMBER 2012

DOMINION - SOUTH POINT			
DAY	LOW	HIGH	AVERAGE
1	\$ 3.4700	\$ 3.5500	\$ 3.5100
2	\$ 3.5700	\$ 3.5900	\$ 3.5800
3			
4			
5	\$ 3.4600	\$ 3.5300	\$ 3.4950
6	\$ 3.3900	\$ 3.4900	\$ 3.4400
7	\$ 3.5100	\$ 3.6000	\$ 3.5550
8	\$ 3.6300	\$ 3.6600	\$ 3.6450
9	\$ 3.5200	\$ 3.5800	\$ 3.5500
10			
11			
12	\$ 3.3000	\$ 3.4000	\$ 3.3500
13	\$ 3.5200	\$ 3.5600	\$ 3.5400
14	\$ 3.7600	\$ 3.8000	\$ 3.7800
15	\$ 3.8100	\$ 3.8500	\$ 3.8300
16	\$ 3.7200	\$ 3.7500	\$ 3.7350
17			
18			
19	\$ 3.5500	\$ 3.6300	\$ 3.5900
20	\$ 3.7300	\$ 3.7900	\$ 3.7600
21	\$ 3.7200	\$ 3.7500	\$ 3.7350
22			
23			
24			
25			
26	\$ 3.6400	\$ 3.7300	\$ 3.6850
27	\$ 3.9100	\$ 3.9700	\$ 3.9400
28	\$ 3.9000	\$ 3.9400	\$ 3.9200
29	\$ 3.8200	\$ 3.8600	\$ 3.8400
30	\$ 3.6900	\$ 3.7600	\$ 3.7250
TOTAL	\$ 72.6200	\$ 73.7900	\$ 73.2050
POSTINGS	20	20	20
AVERAGE	\$ 3.6310	\$ 3.6895	\$ 3.6603

DECEMBER 2012

DOMINION - SOUTH POINT			
DAY	LOW	HIGH	AVERAGE
1			
2			
3	\$ 3.4400	\$ 3.5200	\$ 3.4800
4	\$ 3.2500	\$ 3.3900	\$ 3.3200
5	\$ 3.1700	\$ 3.3100	\$ 3.2400
6	\$ 3.3900	\$ 3.4500	\$ 3.4200
7	\$ 3.3900	\$ 3.4300	\$ 3.4100
8			
9			
10	\$ 3.2200	\$ 3.3000	\$ 3.2600
11	\$ 3.3000	\$ 3.3700	\$ 3.3350
12	\$ 3.3500	\$ 3.3700	\$ 3.3600
13	\$ 3.2900	\$ 3.3400	\$ 3.3150
14	\$ 3.2100	\$ 3.2400	\$ 3.2250
15			
16			
17	\$ 3.0200	\$ 3.1100	\$ 3.0650
18	\$ 3.1700	\$ 3.1900	\$ 3.1800
19	\$ 3.2500	\$ 3.2700	\$ 3.2600
20	\$ 3.1600	\$ 3.2200	\$ 3.1900
21	\$ 3.1700	\$ 3.2600	\$ 3.2150
22			
23			
24	\$ 3.2300	\$ 3.3400	\$ 3.2850
25			
26	\$ 3.1500	\$ 3.1900	\$ 3.1700
27	\$ 3.2500	\$ 3.2900	\$ 3.2700
28	\$ 3.2600	\$ 3.2700	\$ 3.2650
29			
30			
31	\$ 3.3600	\$ 3.3900	\$ 3.3750
TOTAL	\$ 65.0300	\$ 66.2500	\$ 65.6400
POSTINGS	20	20	20
AVERAGE	\$ 3.2515	\$ 3.3125	\$ 3.2820

JANUARY 2013

DOMINION - SOUTH POINT			
DAY	LOW	HIGH	AVERAGE
1			
2	\$ 3.2300	\$ 3.3200	\$ 3.2750
3	\$ 3.0600	\$ 3.1300	\$ 3.0950
4	\$ 2.9900	\$ 3.0700	\$ 3.0300
5			
6			
7	\$ 3.0800	\$ 3.1400	\$ 3.1100
8	\$ 3.1300	\$ 3.1700	\$ 3.1500
9	\$ 3.0700	\$ 3.1300	\$ 3.1000
10	\$ 3.0100	\$ 3.0700	\$ 3.0400
11	\$ 2.9600	\$ 3.0300	\$ 2.9950
12			
13			
14	\$ 3.0400	\$ 3.1100	\$ 3.0750
15	\$ 3.2800	\$ 3.3400	\$ 3.3100
16	\$ 3.3500	\$ 3.4000	\$ 3.3750
17	\$ 3.3500	\$ 3.4000	\$ 3.3750
18	\$ 3.3900	\$ 3.4100	\$ 3.4000
19			
20			
21			
22	\$ 3.4600	\$ 3.5300	\$ 3.4950
23	\$ 3.5600	\$ 3.7600	\$ 3.6600
24	\$ 3.5000	\$ 3.5500	\$ 3.5250
25	\$ 3.5400	\$ 3.6000	\$ 3.5700
26			
27			
28	\$ 3.3500	\$ 3.4100	\$ 3.3800
29	\$ 3.1500	\$ 3.2100	\$ 3.1800
30	\$ 3.0800	\$ 3.1700	\$ 3.1250
31	\$ 3.2500	\$ 3.3200	\$ 3.2850
TOTAL	\$ 67.8300	\$ 69.2700	\$ 68.5500
POSTINGS	21	21	21
AVERAGE	\$ 3.2300	\$ 3.2986	\$ 3.2643

**PBR-GAIF
CALCULATION OF
SUPPLY ZONE FIRM QUANTITY
ENTITLEMENT PERCENTAGE
("SZFQEP")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE
 FOR TEXAS GAS TRANSMISSION (TGT) AND TENNESSEE GAS PIPELINE COMPANY (TGPL)

COLUMN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
CONTRACTS	ZONE	LATERAL CAPACITY AND FIRM MAINLINE RECEIPT POINT CAPACITY											TOTAL (SUM OF COL. 1-12)	ALLOCATION PERCENTAGE*	
		NOV. 12	DEC. 12	JAN. 13	FEB. 13	MAR. 13	APR. 13	MAY. 13	JUN. 13	JUL. 13	AUG. 13	SEP. 13			OCT. 13
TGT-NNS-29781	SL	145,980	145,980	145,980	145,980	145,980	58,991	58,991	58,991	58,991	58,991	58,991	58,991	1,142,837	15.84%
	1	537,947	537,947	537,947	537,947	537,947	378,407	378,407	378,407	378,407	378,407	378,407	378,407	5,338,584	74.01%
	4	85,493	85,493	85,493	85,493	85,493	43,542	43,542	43,542	43,542	43,542	43,542	43,542	732,259	10.15%
	TOTAL	769,420	769,420	769,420	769,420	769,420	480,940	480,940	480,940	480,940	480,940	480,940	480,940	7,213,680	100.00%
TGT-FT-29909	SL	9,312	9,312	9,312	9,312	9,312	14,847	14,847	14,847	14,847	14,847	14,847	14,847	150,489	17.50%
	1	55,761	55,761	55,761	55,761	55,761	44,409	44,409	44,409	44,409	44,409	44,409	44,409	589,668	68.55%
	4	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000	13.95%	
	TOTAL	75,073	75,073	75,073	75,073	75,073	69,256	69,256	69,256	69,256	69,256	69,256	69,256	860,157	100.00%
TGT-STF-26788	SL	123	123	123	123	123	26,726	26,726	26,726	26,726	26,726	26,726	26,726	187,697	22.15%
	1	358	358	358	358	358	79,936	79,936	79,936	79,936	79,936	79,936	79,936	561,342	66.24%
	4	39	39	39	39	39	14,035	14,035	14,035	14,035	14,035	14,035	14,035	98,440	11.61%
	TOTAL	520	520	520	520	520	120,697	120,697	120,697	120,697	120,697	120,697	120,697	847,479	100.00%
TGPL-FT-A-40715	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000	100.00%
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	TOTAL	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000	100.00%

COLUMN	15	16	17	18	19	20	21	22	23
CONTRACTS	ANNUAL SEASONAL QUANTITY ENTITLEMENT	ZONE	ALLOCATION PERCENT (COL. 14)	TEXAS GAS	TEXAS GAS	TEXAS GAS	TENNESSEE	TENNESSEE	TOTAL
				SZ FQE ZONE SL (C. 15 x C. 17)	SZ FQE ZONE 1 (C. 15 x C. 17)	SZ FQE ZONE 4 (C. 15 x C. 17)	SZ FQE ZONE 0 (C. 15 x C. 17)	SZ FQE ZONE 1 (C. 15 x C. 17)	
TGT-NNS-29781	34,512,000	SL	15.84%	5,468,701					
		1	74.01%		25,542,331				
		4	10.15%			3,502,968			
TGT-FT-29909	3,650,000	SL	17.50%	638,750					
		1	68.55%		2,502,075				
		4	13.95%			509,175			
TGT-STF-26788	3,867,100	SL	22.15%	856,563					
		1	66.24%		2,581,567				
		4	11.61%			448,970			
TGPL-FT-A-40715	18,615,000	0	100.00%				18,615,000		
		1	0.00%				0		
TOTALS	60,644,100			6,962,014	30,605,973	4,461,113	18,615,000	0	
SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENT**				11.48%	50.47%	7.36%	30.89%	0.00%	100.00%

* ALLOCATION PERCENTAGE EQUALS TOTAL ZONE CAPACITY UNDER EACH CONTRACT DIVIDED BY TOTAL CAPACITY UNDER EACH CONTRACT.

** SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL. 18, 19, 20, 21, OR 22 BY THE TOTAL OF COL. 15.

**PBR-TIF
SUPPORTING CALCULATIONS**

**PBR-TIF
CALCULATION OF BENCHMARK GAS
TRANSPORTATION COSTS
("BMGTC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3	4	5	6	7	8	9
CALCULATION OF TEXAS GAS NO-NOTICE SERVICE PORTION OF BMGTC									
CALCULATION OF BASE TARIFF RATES									
	NNS DEMAND CHARGES			NNS COMMODITY CHARGES			CALCULATION OF SURCHARGES		
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (1x2x3)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (\$x6)	ACA CHARGE	TOTAL (6x8)
NOV. 12	30	\$0.4190	184,900	\$2,324,193	\$0.0614	2,144,655	\$131,682	\$0.0018	\$3,860
DEC. 12	31	\$0.4190	184,900	\$2,401,666	\$0.0614	1,866,939	\$114,630	\$0.0018	\$3,360
JAN. 13	31	\$0.4190	184,900	\$2,401,666	\$0.0614	2,291,419	\$140,693	\$0.0018	\$4,125
FEB. 13	28	\$0.0000	184,900	\$0	\$0.0000	0	\$0	\$0.0000	\$0
MAR. 13	31	\$0.0000	184,900	\$0	\$0.0000	0	\$0	\$0.0000	\$0
APR. 13	30	\$0.0000	97,440	\$0	\$0.0000	0	\$0	\$0.0000	\$0
MAY 13	31	\$0.0000	60,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0
JUN. 13	30	\$0.0000	60,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0
JUL. 13	31	\$0.0000	60,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0
AUG. 13	31	\$0.0000	60,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0
SEP. 13	30	\$0.0000	60,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0
OCT. 13	31	\$0.0000	117,020	\$0	\$0.0000	0	\$0	\$0.0000	\$0
TOTAL	365		1,438,960	\$7,127,525		6,303,013	\$387,005		\$11,345

COLUMN	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
CALCULATION OF TEXAS GAS RATE FT PORTION OF BMGTC																
CALCULATION OF BASE TARIFF RATES																
	FT DEMAND CHARGES				FT COMMODITY CHARGES								TOTAL COMM. (14X15) + CITY-GATE DELIVERY (15+17+19+21)		CALCULATION OF SURCHARGES	
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (10x11x12)	SL COMM. CHARGE	SL CITY-GATE DELIVERIES	Z1 COMM. CHARGE	Z1 CITY-GATE DELIVERIES	Z3 COMM. CHARGE	Z3 CITY-GATE DELIVERIES	Z4 COMM. CHARGE	Z4 CITY-GATE DELIVERIES	(16X17) + (18X19) + (20X21)	ACA CHARGE	TOTAL (23x24)	
NOV. 12	30	\$0.3142	10,000	\$94,260	\$0.0528	0	\$0.0508	297,180	\$0.0398	0	\$0.0360	115,700	\$19,262	412,880	\$0.0018	\$743
DEC. 12	31	\$0.3142	10,000	\$97,402	\$0.0528	0	\$0.0508	190,794	\$0.0398	0	\$0.0360	150,000	\$15,092	340,784	\$0.0018	\$613
JAN. 13	31	\$0.3142	10,000	\$97,402	\$0.0528	0	\$0.0508	239,249	\$0.0398	0	\$0.0360	109,555	\$16,098	348,814	\$0.0018	\$628
FEB. 13	28	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
MAR. 13	31	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
APR. 13	30	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
MAY 13	31	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
JUN. 13	30	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
JUL. 13	31	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
AUG. 13	31	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
SEP. 13	30	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
OCT. 13	31	\$0.0000	10,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0,0000	\$0	\$0
TOTAL	365		120,000	\$289,064		0		727,223		0		375,265	\$50,452	1,102,488		\$1,984

COLUMN	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
CALCULATION OF TEXAS GAS RATE STF PORTION OF BMGTC																
CALCULATION OF BASE TARIFF RATES																
	STF DEMAND CHARGES				STF COMMODITY CHARGES								TOTAL COMM. (30X31) + CITY-GATE DELIVERY (31+33+35+37)		CALCULATION OF SURCHARGES	
MONTH	DAYS	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (26x27x28)	SL COMM. CHARGE	SL CITY-GATE DELIVERIES	Z1 COMM. CHARGE	Z1 CITY-GATE DELIVERIES	Z3 COMM. CHARGE	Z3 CITY-GATE DELIVERIES	Z4 COMM. CHARGE	Z4 CITY-GATE DELIVERIES	(32X33) + (34X35) + (36X37)	ACA CHARGE	TOTAL (39x40)	
NOV. 12	30	\$0.2042	100	\$613	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	\$0.0018	\$0	
DEC. 12	31	\$0.2042	100	\$633	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	\$0.0018	\$0	
JAN. 13	31	\$0.2042	100	\$633	\$0.0528	0	\$0.0508	0	\$0.0398	0	\$0.0360	0	\$0	\$0.0018	\$0	
FEB. 13	28	\$0.0000	100	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
MAR. 13	31	\$0.0000	100	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
APR. 13	30	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
MAY 13	31	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
JUN. 13	30	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
JUL. 13	31	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
AUG. 13	31	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
SEP. 13	30	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
OCT. 13	31	\$0.0000	18,000	\$0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0.0000	0	\$0	\$0.0000	\$0	
TOTAL	365		126,500	\$1,879		0		0		0		0	\$0		\$0	

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	42	43	44	45
	NNS		TOTAL	TOTAL
	CALC. OF DIRECT BILLS		S&DB	NNS
MONTH	CASH- OUT	OTHER	(9+42+43)	(4+7+44) BMGTC
NOV. 12	\$0	\$0	\$3,860	\$2,458,735
DEC. 12	\$0	\$0	\$3,360	\$2,519,656
JAN. 13	\$0	\$0	\$4,125	\$2,546,484
FEB. 13	\$0	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$11,345	\$7,525,075

COLUMN	46	47	48	49
	FT		TOTAL S&DB	TOTAL FT
	CALC. OF DIRECT BILLS		(25+46+ 47)	BMGTC (13+22+ 48)
MONTH	CASH- OUT	OTHER		
NOV. 12	\$0	\$0	\$743	\$114,265
DEC. 12	\$0	\$0	\$613	\$113,107
JAN. 13	\$0	\$0	\$628	\$114,128
FEB. 13	\$0	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$1,984	\$341,500

COLUMN	50	51	52	53
	STF		TOTAL S&DB	TOTAL STF
	CALC. OF DIRECT BILLS		(41+50+ 51)	BMGTC (29+38+ 52)
MONTH	CASH- OUT	OTHER		
NOV. 12	\$0	\$0	\$0	\$613
DEC. 12	\$0	\$0	\$0	\$633
JAN. 13	\$0	\$0	\$0	\$633
FEB. 13	\$0	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$1,879

COLUMN	54
	TOTAL
	BM(TGT)
MONTH	(45+49+53)
NOV. 12	\$2,574,613
DEC. 12	\$2,633,396
JAN. 13	\$2,661,245
FEB. 13	\$0
MAR. 13	\$0
APR. 13	\$0
MAY 13	\$0
JUN. 13	\$0
JUL. 13	\$0
AUG. 13	\$0
SEP. 13	\$0
OCT. 13	\$0
TOTAL	\$7,869,254

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	55	56	57	58	59	60	61	62	63	64	65	66	67
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE (ZONE 0) PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 0 DEMAND CHARGES			FT-A ZONE 0 COMMODITY CHARGES			EPCR ADJUSTMENT		ACA			TOTAL S&DB		TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (\$5x56)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (\$8x59)	EPCR CHARGE	TOTAL (\$9x61)	ACA CHARGE	TOTAL (\$9x63)	OTHER	(64 + 65)	(57+60+66)
NOV. 12	\$16,3405	20,000	\$326,810	\$0.0177	600,000	\$10,620	\$0.0208	\$12,480	\$0.0018	\$1,080	\$0	\$13,560	\$350,990
DEC. 12	\$16,3405	20,000	\$326,810	\$0.0177	471,984	\$8,354	\$0.0208	\$9,817	\$0.0018	\$650	\$0	\$10,667	\$345,831
JAN. 13	\$16,3405	20,000	\$326,810	\$0.0177	498,734	\$8,828	\$0.0208	\$10,374	\$0.0018	\$698	\$0	\$11,272	\$346,910
FEB. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAR. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
APR. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAY 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUN. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUL. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
AUG. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
SEP. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
OCT. 13	\$0.0000	20,000	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
TOTAL		240,000	\$980,430		1,570,718	\$27,802		\$32,671		\$2,828	\$0	\$35,499	\$1,043,731

COLUMN	68	69	70	71	72	73	74	75	76	77	78	79	80
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE (ZONE 1) PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 1 DEMAND CHARGES			FT-A ZONE 1 COMMODITY CHARGES			EPCR ADJUSTMENT		ACA			TOTAL S&DB		TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (\$8x69)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (\$1x72)	EPCR CHARGE	TOTAL (\$2x74)	ACA CHARGE	TOTAL (\$2x76)	OTHER	(77 + 78)	(75 + 79)
NOV. 12	\$11,1329	0	\$0	\$0.0147	0	\$0	\$0.0172	\$0	\$0.0018	\$0	\$0	\$0	\$0
DEC. 12	\$11,1329	0	\$0	\$0.0147	0	\$0	\$0.0172	\$0	\$0.0018	\$0	\$0	\$0	\$0
JAN. 13	\$11,1329	0	\$0	\$0.0147	0	\$0	\$0.0172	\$0	\$0.0018	\$0	\$0	\$0	\$0
FEB. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAR. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
APR. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAY 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUN. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUL. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
AUG. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
SEP. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
OCT. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
TOTAL		0	\$0		0	\$0		\$0		\$0	\$0	\$0	\$0

COLUMN	81	82	83	84	85	86	87	88	89	90	91	92	93
CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE (ZONE 2) PORTION OF BMGTC													
CALCULATION OF BASE TARIFF RATES													
FT-A ZONE 2 DEMAND CHARGES			FT-A ZONE 2 COMMODITY CHARGES			EPCR ADJUSTMENT		ACA			TOTAL S&DB		TOTAL
MONTH	DEMAND CHARGE	CONTRACT DEMAND	TOTAL (\$1x82)	COMMODITY CHARGE	CITY-GATE DELIVERIES	TOTAL (\$4x85)	EPCR CHARGE	TOTAL (\$5x87)	ACA CHARGE	TOTAL (\$5x89)	OTHER	(90 + 91)	(83+86+92)
NOV. 12	\$5,7084	0	\$0	\$0.0012	0	\$0	\$0.0011	\$0	\$0.0018	\$0	\$0	\$0	\$0
DEC. 12	\$5,7084	0	\$0	\$0.0012	0	\$0	\$0.0011	\$0	\$0.0018	\$0	\$0	\$0	\$0
JAN. 13	\$5,7084	0	\$0	\$0.0012	0	\$0	\$0.0011	\$0	\$0.0018	\$0	\$0	\$0	\$0
FEB. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAR. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
APR. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
MAY 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUN. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
JUL. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
AUG. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
SEP. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
OCT. 13	\$0.0000	0	\$0	\$0.0000	0	\$0	\$0.0000	\$0	\$0.0000	\$0	\$0	\$0	\$0
TOTAL		0	\$0		0	\$0		\$0		\$0	\$0	\$0	\$0

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	94	95
	CASH-	TOTAL
	OUT	BM(TGPI)
		(67+80+83+94)
<u>MONTH</u>		
NOV. 12		
DEC. 12	(\$1,091)	\$348,659
JAN. 13	(\$1,344)	\$344,487
FEB. 13	(\$863)	\$346,047
MAR. 13	\$0	\$0
APR. 13	\$0	\$0
MAY 13	\$0	\$0
JUN. 13	\$0	\$0
JUL. 13	\$0	\$0
AUG. 13	\$0	\$0
SEP. 13	\$0	\$0
OCT. 13	\$0	\$0

**PBR-TIF
CALCULATION OF ANNUAL ACTUAL GAS
TRANSPORTATION COSTS
("AAGTC")**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF TOTAL ACTUAL ANNUAL GAS TRANSPORTATION COSTS ("TAAGTC")
 FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3
<u>MONTH</u>	<u>ACTUAL PIPELINE TRANSPORTATION COSTS - TEXAS GAS</u>	<u>ACTUAL ANNUAL GAS TRANSPORT. COSTS - TENNESSEE</u>	<u>TOTAL ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("TAAGTC") (1 + 2)</u>
NOV. 12	\$2,528,188	\$187,357	\$2,715,545
DEC. 12	\$2,587,981	\$181,945	\$2,769,926
JAN. 13	\$2,615,699	\$183,504	\$2,799,203
FEB. 13	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0
TOTAL	\$7,731,868	\$552,806	\$8,284,674

PBR-TIF
CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF SAVINGS AND EXPENSES
 UNDER PBR TRANSPORTATION INDEX FACTOR ("TIF")

COLUMN	1	2	3
	<u>TABMGTC</u>	<u>TAAGTC</u>	<u>SAVINGS (EXPENSE)</u> <u>(1 - 2)</u>
NOV. 12	\$2,924,512	\$2,715,545	\$208,967
DEC. 12	\$2,977,883	\$2,769,926	\$207,957
JAN. 13	\$3,007,292	\$2,799,203	\$208,089
FEB. 13	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0
TOTAL	\$8,909,687	\$8,284,674	\$625,013

**PBR-TIF
TARIFF SHEETS**

**PBR-TIF
TEXAS GAS TARIFF SHEETS
RATE NNS**

Currently Effective Maximum Transportation Rates (\$ per MMBtu)
 For Service Under Rate Schedule NNS

	Base Tariff Rates (1)	FERC ACA (2)	Currently Effective Rates (3)
Zone SL			
Daily Demand	0.1800		0.1800
Commodity	0.0253	0.0018	0.0271
Overrun	0.2053	0.0018	0.2071
Zone 1			
Daily Demand	0.2782		0.2782
Commodity	0.0431	0.0018	0.0449
Overrun	0.3213	0.0018	0.3231
Zone 2			
Daily Demand	0.3088		0.3088
Commodity	0.0460	0.0018	0.0478
Overrun	0.3548	0.0018	0.3566
Zone 3			
Daily Demand	0.3543		0.3543
Commodity	0.0490	0.0018	0.0508
Overrun	0.4033	0.0018	0.4051
Zone 4			
Daily Demand	0.4190		0.4190
Commodity	0.0614	0.0018	0.0632
Overrun	0.4804	0.0018	0.4822

Minimum Rate: Demand \$-0-; Commodity - Zone SL 0.0163
 Zone 1 0.0186
 Zone 2 0.0223
 Zone 3 0.0262
 Zone 4 0.0308

Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental transportation charge of:

Daily Demand	\$0.1288
Commodity	\$0.0068
Overrun	\$0.1356

These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

**PBR-TIF
TEXAS GAS TARIFF SHEETS
RATE FT**

Currently Effective Maximum Daily Demand Rates (\$ per MMBtu)
For Service Under Rate Schedule FT

Currently Effective Rates [1]

SL-SL	0.0794
SL-1	0.1552
SL-2	0.2120
SL-3	0.2494
SL-4	0.3142
1-1	0.1252
1-2	0.1820
1-3	0.2194
1-4	0.2842
2-2	0.1332
2-3	0.1705
2-4	0.2334
3-3	0.1181
3-4	0.1810
4-4	0.1374

Minimum Rates: Demand \$-0-

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

[1] Currently Effective Rates are equal to the Base Tariff Rates.

Notes:

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of \$0.1288. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

**Currently Effective Maximum Commodity Rates (\$ per MMBtu)
 For Service Under Rate Schedule FT**

	Base Tariff Rates (1)	FERC ACA (2)	Currently Effective Rates (3)
SL-SL	0.0104	0.0018	0.0122
SL-1	0.0355	0.0018	0.0373
SL-2	0.0399	0.0018	0.0417
SL-3	0.0445	0.0018	0.0463
SL-4	0.0528	0.0018	0.0546
1-1	0.0337	0.0018	0.0355
1-2	0.0385	0.0018	0.0403
1-3	0.0422	0.0018	0.0440
1-4	0.0508	0.0018	0.0526
2-2	0.0323	0.0018	0.0341
2-3	0.0360	0.0018	0.0378
2-4	0.0446	0.0018	0.0464
3-3	0.0312	0.0018	0.0330
3-4	0.0398	0.0018	0.0416
4-4	0.0360	0.0018	0.0378

Minimum Rates: Commodity minimum base rates are presented in Section 4.12.

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

Notes:

- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Commodity charge of \$0.0068. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

**PBR-TIF
TEXAS GAS TARIFF SHEETS
RATE STF**

**Currently Effective Maximum Transportation Rates (\$ per MMBtu)
 For Service under Rate Schedule STF**

	<u>Peak (Winter)-Demand</u>	<u>Off-Peak (Summer)-Demand</u>
	<u>Currently Effective Rates [1]</u>	<u>Currently Effective Rates [1]</u>
SL-SL	0.1188	0.0516
SL-1	0.2322	0.1009
SL-2	0.3172	0.1378
SL-3	0.3731	0.1621
SL-4	0.4701	0.2042
1-1	0.1873	0.0814
1-2	0.2723	0.1183
1-3	0.3282	0.1426
1-4	0.4252	0.1847
2-2	0.1992	0.0866
2-3	0.2551	0.1108
2-4	0.3492	0.1517
3-3	0.1766	0.0768
3-4	0.2707	0.1177
4-4	0.2056	0.0893

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

Notes:

- The STF commodity rate is the applicable FT commodity rate in Section 4.1.
 The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.
 Minimum rate: Demand \$-0- The minimum commodity rate is presented in Section 4.12.
- For receipts from Duke Field Services' Carthage Plant/Gulf South Pipeline Company, LP, Enbridge Pipelines, L.P./Gulf South Pipeline Company, LP, Energy Transfer Company/Gulf South Pipeline Company, LP, and Enterprise Texas Pipeline L.P./Gulf South Pipeline Company, LP interconnects in Panola County, Texas, Customer shall pay an incremental Daily Demand charge of \$0.1288. These receipt points are available to those customers agreeing to pay the incremental rate(s) applicable to such points and are not available for pooling under Rate Schedule TAPS.

PBR-TIF
TENNESSEE TARIFF SHEETS
RATE FT-A

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

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Base Reservation Rates		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.7504		\$12.1229	\$16.3405	\$16.6314	\$18.3503	\$19.4843	\$24.4547	
L		\$5.0941							
1	\$8.7060		\$8.3414	\$11.1329	\$15.8114	\$15.6260	\$17.6356	\$21.6916	
2	\$16.3406		\$11.0654	\$5.7084	\$5.3300	\$6.8689	\$9.4859	\$12.2575	
3	\$16.6314		\$8.7447	\$5.7553	\$4.1249	\$6.4085	\$11.6731	\$13.4872	
4	\$21.1425		\$19.4839	\$7.3648	\$11.2429	\$5.4700	\$5.9240	\$8.4896	
5	\$25.2282		\$17.6984	\$7.7303	\$9.3742	\$6.0880	\$5.7043	\$7.4396	
6	\$29.1846		\$20.3275	\$13.9551	\$15.3850	\$10.8692	\$5.6613	\$4.8846	

Daily Base Reservation Rate 1/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$0.1891		\$0.3986	\$0.5372	\$0.5468	\$0.6033	\$0.6406	\$0.8040	
L		\$0.1675							
1	\$0.2862		\$0.2742	\$0.3660	\$0.5198	\$0.5137	\$0.5798	\$0.7131	
2	\$0.5372		\$0.3638	\$0.1877	\$0.1752	\$0.2258	\$0.3119	\$0.4030	
3	\$0.5468		\$0.2875	\$0.1892	\$0.1356	\$0.2107	\$0.3838	\$0.4434	
4	\$0.6951		\$0.6406	\$0.2421	\$0.3696	\$0.1798	\$0.1948	\$0.2791	
5	\$0.8294		\$0.5819	\$0.2541	\$0.3082	\$0.2002	\$0.1875	\$0.2446	
6	\$0.9595		\$0.6683	\$0.4588	\$0.5058	\$0.3573	\$0.1861	\$0.1606	

Maximum Reservation Rates 2/, 3/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.7504		\$12.1229	\$16.3405	\$16.6314	\$18.3503	\$19.4843	\$24.4547	
L		\$5.0941							
1	\$8.7060		\$8.3414	\$11.1329	\$15.8114	\$15.6260	\$17.6356	\$21.6916	
2	\$16.3406		\$11.0654	\$5.7084	\$5.3300	\$6.8689	\$9.4859	\$12.2575	
3	\$16.6314		\$8.7447	\$5.7553	\$4.1249	\$6.4085	\$11.6731	\$13.4872	
4	\$21.1425		\$19.4839	\$7.3648	\$11.2429	\$5.4700	\$5.9240	\$8.4896	
5	\$25.2282		\$17.6984	\$7.7303	\$9.3742	\$6.0880	\$5.7043	\$7.4396	
6	\$29.1846		\$20.3275	\$13.9551	\$15.3850	\$10.8692	\$5.6613	\$4.8846	

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0000.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-A

Base Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2751	\$0.2625	\$0.3124
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2339	\$0.2385	\$0.2723
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0757	\$0.1214	\$0.1345
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.1012	\$0.1400	\$0.1528
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0468	\$0.0662	\$0.1073
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0659	\$0.0653	\$0.0811
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.1014	\$0.0549	\$0.0334

Minimum Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0050		\$0.0133	\$0.0195	\$0.0237	\$0.0268	\$0.0302	\$0.0364
L		\$0.0030						
1	\$0.0060		\$0.0099	\$0.0165	\$0.0197	\$0.0228	\$0.0274	\$0.0318
2	\$0.0185		\$0.0105	\$0.0030	\$0.0046	\$0.0074	\$0.0118	\$0.0161
3	\$0.0225		\$0.0187	\$0.0044	\$0.0020	\$0.0099	\$0.0136	\$0.0181
4	\$0.0268		\$0.0223	\$0.0105	\$0.0123	\$0.0046	\$0.0064	\$0.0110
5	\$0.0302		\$0.0274	\$0.0118	\$0.0136	\$0.0064	\$0.0064	\$0.0084
6	\$0.0364		\$0.0318	\$0.0161	\$0.0181	\$0.0104	\$0.0059	\$0.0038

Maximum Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0050		\$0.0133	\$0.0195	\$0.0237	\$0.2769	\$0.2643	\$0.3142
L		\$0.0030						
1	\$0.0060		\$0.0099	\$0.0165	\$0.0197	\$0.2357	\$0.2403	\$0.2741
2	\$0.0185		\$0.0105	\$0.0030	\$0.0046	\$0.0775	\$0.1232	\$0.1363
3	\$0.0225		\$0.0187	\$0.0044	\$0.0020	\$0.1030	\$0.1418	\$0.1546
4	\$0.0268		\$0.0223	\$0.0105	\$0.0123	\$0.0486	\$0.0680	\$0.1091
5	\$0.0302		\$0.0274	\$0.0118	\$0.0136	\$0.0677	\$0.0671	\$0.0829
6	\$0.0364		\$0.0318	\$0.0161	\$0.0181	\$0.1032	\$0.0567	\$0.0352

Notes:

- 1/ Includes a per Dth charge for (ACA) Annual Charge Adjustment of \$0.0018
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32. For service that is rendered entirely by displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.21%.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0000.

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	0.56%		1.46%	2.11%	2.55%	3.02%	3.39%	4.00%
L		0.35%						
1	0.67%		1.10%	1.80%	2.13%	2.58%	3.09%	3.51%
2	2.15%		1.16%	0.34%	0.52%	0.86%	1.36%	1.77%
3	2.61%		2.17%	0.52%	0.24%	1.14%	1.57%	2.03%
4	3.10%		2.41%	1.15%	1.35%	0.53%	0.75%	1.20%
5	3.50%		3.09%	1.37%	1.58%	0.75%	0.74%	0.91%
6	4.15%		3.51%	1.79%	2.03%	1.13%	0.62%	0.38%

EPCR 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0035		\$0.0134	\$0.0208	\$0.0258	\$0.0312	\$0.0355	\$0.0426
L		\$0.0012						
1	\$0.0047		\$0.0094	\$0.0172	\$0.0211	\$0.0262	\$0.0320	\$0.0368
2	\$0.0208		\$0.0101	\$0.0011	\$0.0031	\$0.0068	\$0.0124	\$0.0169
3	\$0.0258		\$0.0211	\$0.0031	\$0.0000	\$0.0099	\$0.0147	\$0.0196
4	\$0.0312		\$0.0242	\$0.0100	\$0.0122	\$0.0032	\$0.0056	\$0.0106
5	\$0.0355		\$0.0320	\$0.0124	\$0.0147	\$0.0056	\$0.0055	\$0.0073
6	\$0.0426		\$0.0368	\$0.0169	\$0.0196	\$0.0098	\$0.0041	\$0.0015

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.21%.
- 2/ For service that is rendered entirely by displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.21%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, NET, NET-284 and IT.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.

**PBR-OSSIF
SUPPORTING CALCULATIONS**

PBR-OSSIF
CALCULATION OF OFF-SYSTEM SALES REVENUE
(“OSREV”), OUT-OF-POCKET COSTS (“OOPC”), AND
NET REVENUE (“NR”)

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF NET REVENUE
 UNDER PBR OFF-SYSTEM SALES INDEX FACTOR ("OSSIF")

COLUMN	1	2	3	4	5	6	7
	OFF-SYSTEM SALES REVENUE ("OSREV")	OUT OF POCKET COSTS ("OOPC")				TOTAL OOPC	NET REVENUE ("NR") (1 - 6)
		GAS COSTS ("GC")	TRANSPORT COSTS ("TC")	STORAGE COSTS ("SC")	OTHER COSTS		
NOV. 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DEC. 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAN. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FEB. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAR. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
APR. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAY 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUN. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUL. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AUG. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEP. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OCT. 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$0