

**Activity Under LG&E's Performance-Based Ratemaking ("PBR") Mechanism
for the PBR Period for the 12 Months Ended October 31, 2016**

Attached is a summary of LG&E's activity and the supporting documentation for the PBR mechanism covering the entirety of PBR Year 19 (November 1, 2015, through October 31, 2016) of LG&E's gas supply cost PBR mechanism. LG&E is making this annual filing in accordance with the Order in Case No. 2014-00476 dated June 30, 2015. This information has also been used as the basis for the calculation and filing of the applicable PBR Recovery Component ("PBRRC") effective February 1, 2017.

General Discussion: The results for this PBR period cannot and should not be extrapolated for subsequent PBR periods. 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 period as reported in LG&E's Gas Supply Clause ("GSC"). In order to match actual costs with the appropriate monthly benchmarks, 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 were applicable.

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 12 months ended October 31, 2016, LG&E has achieved the following results:

	<u>PBR-GAIF</u>	<u>PBR-TIF</u>	<u>PBR-OSSIF</u>	<u>Total</u>
<i>Nov. 2015</i>	\$151,214	\$201,466	\$0	\$352,680
<i>Dec.</i>	(\$99,348)	\$196,178	\$0	\$96,830
<i>Jan. 2016</i>	\$204,598	\$200,412	\$0	\$405,010
<i>Qtr. Subtotal</i>	\$256,464	\$598,056	\$0	\$854,520
<i>Feb.</i>	(\$33,352)	\$196,706	\$0	\$163,354
<i>Mar.</i>	\$45,628	\$202,806	\$0	\$248,434
<i>Apr.</i>	\$4,141	\$205,692	\$0	\$209,833
<i>Qtr. Subtotal</i>	\$16,417	\$605,204	\$0	\$621,621

	<u>PBR-GAIF</u>	<u>PBR-TIF</u>	<u>PBR-OSSIF</u>	<u>Total</u>
May 2016	(\$6,963)	\$218,627	\$0	\$211,664
Jun.	\$623,174	\$231,565	\$0	\$854,739
Jul.	(\$23,023)	\$233,637	\$0	\$210,614
<i>Qtr.</i>				
<i>Subtotal</i>	\$593,188	\$683,829	\$0	\$1,277,017
Aug.	\$170,441	\$233,967	\$0	\$404,408
Sep.	\$147,791	\$231,564	\$18,300	\$397,655
Oct.	\$63,173	\$233,863	\$0	\$297,036
<i>Qtr.</i>				
<i>Subtotal</i>	\$381,405	\$699,394	\$18,300	\$1,099,099
<i>Total</i>	\$1,247,474	\$2,586,483	\$18,300	\$3,852,257

The supporting calculations are enclosed with this filing

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.

Beginning October 12, 2015, the posting published in *Natural Gas Week* as used in the determination of the Supply Area Index (“SAI”) for Tennessee Gas Pipeline Company, Zone 0 has been renamed from “Texas: Gulf Coast, Onshore, Delivered to Pipeline” to “Texas: Central, Onshore, Delivered to Pipeline.”

Additionally, and beginning December 1, 2015, both *Platts Gas Daily* and *Platts Inside FERC’s—Gas Market Report* undertook to reorganize its North American gas regions and the indices that fall into the revised gas regions. This revision has resulted in renaming certain of these postings, but does not change the transactions included in the development of the price postings.

Specifically, and with respect to *Platts Gas Daily*,

- For use in the determination of the SAI for Texas Gas Zone SL (TGT-SL), “Louisiana – Onshore South, Texas Gas, Zone SL” will now be “Louisiana/Southeast, Tx. Gas, zone SL”

- For use in the determination of the SAI and the DAI for Texas Gas Zone 1 (TGT-1), “East Texas – North Louisiana Area, Texas Gas, zone 1” will now be “Louisiana/ Southeast, Tx. Gas, zone 1”
- For use in the determination of the SAI for Tennessee Zone 0 (TGPL-0), “South – Corpus Christi, Tennessee, zone 0” will now be “East Texas, Tennessee, zone 0”
- For use in the determination of the SAI for Tennessee Zone 1 (TGPL-1), “Louisiana – Onshore South, Tennessee, 500 Leg” will now be “Louisiana/Southeast, Tennessee, 500 Leg”

Specifically, and with respect to *Platts Inside FERC’s—Gas Market Report*,

- For use in the determination of the SAI for Texas Gas Zone SL (TGT-SL), “Texas Gas, Zone SL” will now be “Louisiana/Southeast, Texas Gas, zone SL”
- For use in the determination of the SAI for Texas Gas Zone 1 (TGT-1), “Texas Gas, Zone 1” will now be “Louisiana/Southeast, Texas Gas, zone 1”
- For use in the determination of the SAI for Texas Gas Zone 4 (TGT-4), “Northeast, Lebanon Hub” will now be “Appalachia, Lebanon Hub”
- For use in the determination of the SAI for Tennessee Zone 0 (TGPL-0), “Tennessee, Texas, zone 0” will now be “East Texas, Tennessee, zone 0”
- For use in the determination of the SAI for Tennessee Zone 1 (TGPL-1), “Tennessee, Louisiana, 500 leg” will now be “Louisiana/Southeast, Tennessee, Louisiana, 500 Leg”

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, and (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. LG&E has not used any financial instruments to date in pursuing its objectives under the PBR mechanism.

Composition of Savings: Total savings under the PBR-GAIF component of the mechanism is \$1,247,474.

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.

Composition of Savings by Pipeline: Total savings under the PBR-TIF component of the PBR is \$2,586,483. The portion of savings attributable to Texas Gas under PBR-TIF is \$673,299. The portion of savings attributable to Tennessee under PBR-TIF is \$1,913,184. On a combined pipeline basis, the portion of savings attributable to any commodity discounts is \$177,325, and the portion of savings attributable to any demand discounts is \$2,409,158.

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: Total savings under the OSSIF component of the PBR is \$18,300. 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. Any off-system sales are made to entities which are not affiliated with LG&E.

PBR Amounts and Demand/Commodity Allocation: Following is a summary of the various PBR components in total for the 12 months ended October 31, 2016. Under the revised sharing mechanism approved by the Commission in its Order dated June 30, 2015, in Case No. 2014-00476, LG&E's share in any savings or expenses is 25% for all savings or expenses up to 3.0% of Total Actual Gas Supply Costs (“TAGSC”), which is the sum of Actual Gas Costs (“AGC”) and Total Actual Annual Gas Transportation Costs (“TAAGTC”). For savings (or expenses) in excess of 3.0% of TAGSC, LG&E's share is 50%.

Total savings for PBR Year 19 were \$3,852,257, and TAGSC was \$96,758,276, which is the sum of \$72,317,573 in AGC and \$24,440,703 in TAAGTC. Therefore, savings as a percentage of TAGSC were 3.98% ($\$3,852,257 / \$96,758,276$). Hence, all of the savings up to \$2,902,748 ($3.0\% \times \$96,758,276$) are shared with 25% allocated to LG&E and the remaining 75% being retained by customers as having already been reflected in LG&E's GSCC. The portion of the savings in excess of that amount, or \$949,509 ($\$3,852,257 - \$2,902,748$), is the subject of the 50% sharing tier.

Therefore, the initial tier of the sliding scale is allocated on a 25/75 basis with \$725,687 ($25\% \times \$2,902,748$) being allocated to the Company and \$2,177,061 ($75\% \times \$2,902,748$) being allocated to customers. The second tier is subject to sharing on a 50/50 basis with

\$474,754 (50% x \$949,509) being allocated to the Company and \$474,755 (50% x \$949,509) being allocated to customers. Therefore, the total portion of the savings being retained by customers is \$2,651,816 (\$2,177,061 + \$474,755); and the total portion of the savings being allocated to the Company and collected from customers is \$1,200,441 (\$725,687 + \$474,754). Therefore, the CSPBR to be collected for the Company from customers by means of the PBRRC (as a part of the GSCC) is \$1,200,441.

The total to be collected for the Company from customers through the GSCC is 1,200,441. This amount must be segregated into its respective commodity (or volumetric) and demand (or fixed) components in order to properly recover the amounts from sales and standby transportation customers. Of this total amount, \$750,756 is to be recovered for the Company from sales and standby transportation customers through the Pipeline Supplier's Demand Component as a demand component. The remaining \$449,685 is to be recovered for the Company from sales customers through the GSCC. The calculation of the split as between demand and commodity is set forth as a part of the attached PBR calculations.

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 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 report for activity under the PBR mechanism.

**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%				
									TGT ZONE SL 0.00%	TGT ZONE 1 48.43%	TGT ZONE 4 41.98%	TGPL ZONE 0 9.59%	TGPL ZONE 1 0.00%	
									0.00%	22.77%	61.71%	15.43%	0.00%	
									(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	(C. 8 X SZFQE%)	
Nov 15	1,707,230	305,460	0	608,880	0	2,621,570	0	2,621,570	0	1,269,026	1,100,535	251,409	0	
Dec 15	762,659	95,642	0	311,184	0	1,169,484	0	1,169,484	0	566,381	490,949	112,154	0	
Jan 16	928,563	235,642	652,752	625,574	410,000	2,852,531	0	2,852,531	0	1,381,481	1,197,492	273,558	0	
Feb 16	1,165,952	185,278	0	405,920	490,000	2,267,150	0	2,267,150	0	1,097,981	851,749	217,420	0	
Mar 16	1,040,190	314,807	0	223,258	0	1,578,253	0	1,578,253	0	764,348	662,551	151,354	0	
Apr 16	1,021,516	0	0	0	0	1,021,516	0	1,021,516	919	232,599	630,378	157,620	0	
May 16	1,255,880	310,640	68,000	0	0	1,632,500	0	1,632,500	1,469	371,720	1,007,416	251,895	0	
Jun 16	677,190	309,460	549,840	609,480	299,976	2,445,946	0	2,445,946	2,201	556,942	1,509,393	377,410	0	
Jul 16	774,033	961,456	561,339	629,798	620,000	3,546,624	0	3,546,624	3,192	807,566	2,188,622	547,244	0	
Aug 16	1,319,739	935,642	588,168	629,798	620,000	4,073,345	0	4,073,345	3,866	927,501	2,513,661	628,517	0	
Sep 16	1,217,190	905,460	549,840	609,480	600,000	3,881,970	0	3,881,970	3,494	883,924	2,395,564	598,986	0	
Oct 16	961,350	934,368	565,627	626,796	620,000	3,731,441	0	3,731,441	3,358	649,649	2,302,672	575,762	0	
Total	12,871,471	5,493,855	3,513,866	5,283,162	3,859,976	30,822,330	0	30,822,330	18,209	9,709,718	18,950,982	4,143,331	0	

Column	14	15	16	17	18	19	20	21	22	23	24	25
	SAI TGT-SL	APV x SAI TGT-SL (10X14)	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	TOTAL BMGCC (15+17+19+21+23+24)
Nov 15	\$2,0036	\$0	\$1,9943	\$2,532,015	\$2,0475	\$2,253,345	\$1,9819	\$498,267	\$2,0062	\$0	\$0	\$5,283,627
Dec 15	\$1,9080	\$0	\$1,8947	\$1,073,122	\$1,9745	\$969,379	\$1,8907	\$212,050	\$1,9081	\$0	\$0	\$2,254,551
Jan 16	\$2,2750	\$0	\$2,2680	\$3,133,199	\$2,3648	\$2,831,829	\$2,2446	\$614,028	\$2,2769	\$0	\$0	\$6,579,056
Feb 16	\$1,9995	\$0	\$1,9904	\$2,185,421	\$2,0162	\$1,919,916	\$1,9755	\$429,513	\$2,0058	\$0	\$0	\$4,533,850
Mar 16	\$1,8442	\$0	\$1,8317	\$1,247,187	\$1,8343	\$1,082,807	\$1,6408	\$248,342	\$1,6560	\$0	\$0	\$2,578,336
Apr 16	\$1,8293	\$1,691	\$1,8189	\$423,074	\$1,8098	\$1,140,858	\$1,7992	\$283,590	\$1,8296	\$0	\$0	\$1,849,203
May 16	\$1,8481	\$2,715	\$1,8478	\$696,864	\$1,8579	\$1,871,678	\$1,8338	\$461,875	\$1,8605	\$0	\$0	\$3,023,132
Jun 16	\$2,2377	\$4,925	\$2,2326	\$1,243,429	\$2,2197	\$3,350,400	\$2,2175	\$836,907	\$2,2581	\$0	\$0	\$6,435,661
Jul 16	\$2,7577	\$8,803	\$2,7440	\$2,215,061	\$2,7370	\$5,990,258	\$2,7115	\$1,483,852	\$2,7760	\$0	\$0	\$9,698,874
Aug 16	\$2,6625	\$9,761	\$2,6501	\$2,467,970	\$2,6447	\$6,647,879	\$2,6258	\$1,650,380	\$2,6793	\$0	\$0	\$10,765,070
Sep 16	\$2,8468	\$9,947	\$2,8276	\$2,499,384	\$2,8290	\$6,777,051	\$2,8269	\$1,693,279	\$2,8674	\$0	\$0	\$10,079,661
Oct 16	\$2,8235	\$9,481	\$2,8263	\$2,401,363	\$2,8270	\$6,509,054	\$2,8877	\$1,662,628	\$2,8757	\$0	\$0	\$10,583,126
Total		\$47,313		\$22,098,089		\$41,344,054		\$10,074,691		\$0	\$0	\$73,586,047

**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
Nov 15	1,707,230	\$3,357,221	305,460	\$593,965	0	\$0	608,880	\$1,181,227	0	\$0
Dec 15	762,658	\$1,590,006	95,642	\$180,433	0	\$0	311,184	\$583,460	0	\$0
Jan 16	928,563	\$2,114,799	235,642	\$536,555	652,752	\$1,457,084	625,574	\$1,395,020	410,000	\$871,000
Feb 16	1,185,952	\$2,466,647	185,278	\$375,266	0	\$0	405,920	\$818,639	490,000	\$906,650
Mar 16	1,040,190	\$1,685,829	314,807	\$502,354	0	\$0	223,256	\$344,525	0	\$0
Apr 16	1,021,516	\$1,845,062	0	\$0	0	\$0	0	\$0	0	\$0
May 16	1,255,860	\$2,332,299	310,640	\$577,411	66,000	\$120,385	0	\$0	0	\$0
Jun 16	677,190	\$1,266,345	309,460	\$580,050	549,840	\$1,028,201	609,480	\$1,298,192	299,976	\$639,699
Jul 16	774,033	\$2,152,333	961,456	\$2,640,185	561,339	\$1,533,423	629,796	\$1,710,506	620,000	\$1,685,450
Aug 16	1,319,739	\$3,437,227	935,642	\$2,447,456	568,168	\$1,465,874	629,796	\$1,634,422	620,000	\$1,610,550
Sep 16	1,217,190	\$3,391,744	905,460	\$2,534,020	549,840	\$1,517,558	609,480	\$1,706,798	600,000	\$1,681,750
Oct 16	981,350	\$2,709,061	934,368	\$2,641,067	565,927	\$1,584,989	629,796	\$1,805,686	620,000	\$1,779,150
	12,871,471	\$28,348,573	5,493,855	\$13,608,762	3,513,866	\$8,707,514	5,283,162	\$12,478,475	3,659,976	\$9,174,249

Column 11

TOTAL
GAS COMMODITY
COSTS
(2+4+6+8+10)

Nov 15	\$5,132,413
Dec 15	\$2,353,899
Jan 16	\$6,374,458
Feb 16	\$4,567,202
Mar 16	\$2,532,708
Apr 16	\$1,845,062
May 16	\$3,030,095
Jun 16	\$4,812,487
Jul 16	\$9,721,897
Aug 16	\$10,595,529
Sep 16	\$10,831,870
Oct 16	\$10,519,953
Total	\$72,317,573

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. 25	AGC FROM COL. 11	SAVINGS/ (EXPENSES) (1 - 2)
Nov 15	\$5,283,627	\$5,132,413	\$151,214
Dec 15	\$2,254,551	\$2,353,899	(\$99,348)
Jan 16	\$6,579,056	\$6,374,458	\$204,598
Feb 16	\$4,533,850	\$4,567,202	(\$33,352)
Mar 16	\$2,578,336	\$2,532,708	\$45,628
Apr 16	\$1,849,203	\$1,845,062	\$4,141
May 16	\$3,023,132	\$3,030,095	(\$6,963)
Jun 16	\$5,435,661	\$4,812,487	\$623,174
Jul 16	\$9,698,874	\$9,721,897	(\$23,023)
Aug 16	\$10,765,970	\$10,595,529	\$170,441
Sep 16	\$10,979,661	\$10,831,870	\$147,791
Oct 16	\$10,583,126	\$10,519,953	\$63,173
Total	\$73,565,047	\$72,317,573	\$1,247,474

**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 LOUISIANA, GULF COAST, ONSHORE	PLATTS GAS DAILY AVERAGE LOUISIANA/ SOUTHEAST, TX. GAS, ZONE SL	PLATTS INSIDE FERC's GAS MARKET REPORT LOUISIANA/SOUTHEAST TEXAS GAS, ZONE SL	AVERAGE
Nov. 15	\$2.0200	\$2.0207	\$1.9700	\$2.0036
Dec. 15	\$1.7600	\$1.8140	\$2.1500	\$1.9080
Jan. 16	\$2.2575	\$2.2174	\$2.3500	\$2.2750
Feb. 16	\$1.9400	\$1.9085	\$2.1500	\$1.9995
Mar. 16	\$1.6525	\$1.6400	\$1.6400	\$1.6442
Apr. 16	\$1.8225	\$1.8254	\$1.8400	\$1.8293
May 16	\$1.8260	\$1.8083	\$1.9100	\$1.8481
Jun. 16	\$2.4175	\$2.4057	\$1.8900	\$2.2377
Jul. 16	\$2.7325	\$2.7005	\$2.8400	\$2.7577
Aug. 16	\$2.7080	\$2.6794	\$2.6000	\$2.6625
Sep. 16	\$2.8925	\$2.8682	\$2.7800	\$2.8469
Oct. 16	\$2.8460	\$2.7545	\$2.8700	\$2.8235

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

NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			MONTHLY AVERAGE	NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			MONTHLY AVERAGE
11/02/2015	\$2.0000			05/02/2016	\$1.8600		
11/09/2015	\$2.0000			05/09/2016	\$1.7900		
11/16/2015	\$1.9900			05/16/2016	\$1.9000		
11/23/2015	\$2.1200			05/23/2016	\$1.7600		
11/30/2015	\$1.9900	\$2.0200		05/30/2016	\$1.8200	\$1.83	
12/07/2015	\$2.0800			06/06/2016	\$2.1400		
12/14/2015	\$1.7900			06/13/2016	\$2.3400		
12/21/2015	\$1.6700			06/20/2016	\$2.5500		
12/28/2015	\$1.5000	\$1.7600		06/27/2016	\$2.6400	\$2.4175	
01/04/2016	\$2.2700			07/04/2016	\$2.7900		
01/11/2016	\$2.3900			07/11/2016	\$2.7500		
01/18/2016	\$2.2100			07/18/2016	\$2.6600		
01/25/2016	\$2.1600	\$2.2575		07/25/2016	\$2.7300	\$2.7325	
02/01/2016	\$2.1300			08/01/2016	\$2.7200		
02/08/2016	\$2.0500			08/08/2016	\$2.7900		
02/15/2016	\$2.0300			08/15/2016	\$2.6400		
02/22/2016	\$1.8300			08/22/2016	\$2.6200		
02/29/2016	\$1.6600	\$1.9400		08/29/2016	\$2.7700	\$2.7080	
03/07/2016	\$1.4900			09/05/2016	\$2.8200		
03/14/2016	\$1.6300			09/12/2016	\$2.8000		
03/21/2016	\$1.7800			09/19/2016	\$2.9300		
03/28/2016	\$1.7100	\$1.6525		09/26/2016	\$3.0200	\$2.8925	
04/04/2016	\$1.8100			10/03/2016	\$2.8400		
04/11/2016	\$1.8900			10/10/2016	\$2.8800		
04/18/2016	\$1.7200			10/17/2016	\$3.0700		
04/25/2016	\$1.8700	\$1.8225		10/24/2016	\$2.8300		
				10/31/2016	\$2.6100	\$2.8460	

PBR YEAR NINETEEN PLATTS GAS DAILY MIDPOINT PRICE
 LOUISIANA/SOUTHEAST, TX. GAS ZONE SL

NOVEMBER 2015			DECEMBER 2015			JANUARY 2016			FEBRUARY 2016			MARCH 2016			APRIL 2016		
DAY	MIDPOINT		MIDPOINT			MIDPOINT			DAY	MIDPOINT		MIDPOINT			MIDPOINT		
1	\$ 1.9100		\$ 2.0600			\$ 2.2600			1			\$ 1.5300			\$ 1.8600		
2	\$ 1.9100		\$ 2.1500			\$ 2.2600			2						\$ 1.8000		
3	\$ 1.8500		\$ 2.1600			\$ 2.2600			3						\$ 1.8000		
4	\$ -		\$ 2.0700			\$ 2.2600			4	\$ 2.0100					\$ 1.8000		
5	\$ -		\$ 2.0200			\$ 2.3600			5						\$ 1.8600		
6	\$ -		\$ 2.0200			\$ 2.2750			6						\$ 1.8500		
7	\$ -		\$ 2.0200			\$ 2.2800			7						\$ 1.8100		
8	\$ -		\$ 1.9800			\$ 2.2700			8						\$ 1.8600		
9	\$ -		\$ 1.9300			\$ 2.4200			9			\$ 1.4700			\$ 1.9000		
10	\$ -		\$ 1.9350			\$ 2.4200			10	\$ 2.1300					\$ 1.9000		
11	\$ 2.0600		\$ 1.8600			\$ 2.4200			11						\$ 1.9000		
12	\$ 2.0200		\$ 1.7250			\$ 2.4200			12						\$ 1.8000		
13	\$ -		\$ 1.7250			\$ 2.2900			13	\$ 1.9850					\$ 1.8600		
14	\$ -		\$ 1.7250			\$ 2.2200			14	\$ 1.9850					\$ 1.8600		
15	\$ -		\$ -			\$ 2.1600			15	\$ 1.9850							
16	\$ -		\$ 1.6000			\$ 2.1600			16	\$ 1.9850					\$ 1.6300		
17	\$ -		\$ 1.6600			\$ 2.1600			17			\$ 1.7000			\$ 1.6300		
18	\$ -		\$ 1.7000			\$ 2.1600			18	\$ 1.8300		\$ 1.7600			\$ 1.6300		
19	\$ -		\$ 1.6400			\$ 2.1600			19								
20	\$ -		\$ 1.6400			\$ 2.1300			20						\$ 1.8500		
21	\$ 2.1700		\$ 1.6400			\$ 2.0950			21						\$ 1.8900		
22	\$ 2.1700		\$ 1.7000						22								
23	\$ 2.1700		\$ 1.6500			\$ 2.1500			23						\$ 1.8500		
24	\$ 2.1200		\$ 1.5100			\$ 2.1500			24	\$ 1.7500					\$ 1.8500		
25	\$ 2.0800		\$ 1.4200			\$ 2.1500			25	\$ 1.7200		\$ 1.6650			\$ 1.8500		
26	\$ 1.9700		\$ 1.4200			\$ 2.0750			26	\$ 1.7050		\$ 1.6650					
27	\$ 1.9700		\$ 1.4200						27			\$ 1.6650			\$ 1.8400		
28	\$ 1.9700		\$ 1.4200			\$ 2.1900			28			\$ 1.6650			\$ 1.8600		
29	\$ 1.9700		\$ 2.0600			\$ 2.0500			29						\$ 1.8600		
30	\$ 1.9700		\$ 2.3500			\$ 2.0500			30						\$ 1.8600		
31			\$ 2.2100			\$ 2.0500			31								
TOTAL	\$ 30.3100		\$ 54.4200			\$ 64.3050			TOTAL	\$ 19.0850		\$ 13.1200			\$ 47.4600		
POSTINGS	15		30			29			POSTINGS	10		8			26		
AVERAGE	\$ 2.0207		\$ 1.8140			\$ 2.2174			AVERAGE	\$ 1.9085		\$ 1.6400			\$ 1.8254		

MAY 2016		JUNE 2016		JULY 2016		AUGUST 2016		SEPTEMBER 2016		OCTOBER 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT
1	\$ 1.8200	\$ 2.0400	\$ 2.7750	1	\$ 2.8200	\$ 2.7650	\$ 2.7050				
2	\$ 1.8200	\$ 2.2100	\$ 2.7800	2	\$ 2.7900	\$ 2.7600	\$ 2.7050				
3	\$ 1.8200	\$ 2.2200	\$ 2.7800	3	\$ 2.6800	\$ 2.7400	\$ 2.7050				
4	\$ 1.8400	\$ 2.1600	\$ 2.7800	4	\$ 2.7700	\$ 2.7400	\$ 2.6800				
5	\$ 1.9300	\$ 2.1600	\$ 2.7800	5	\$ 2.7700	\$ 2.7400	\$ 2.7300				
6	\$ 1.9200	\$ 2.1600	\$ 2.7000	6	\$ 2.7400	\$ 2.7400	\$ 2.7950				
7	\$ 1.7550	\$ 2.2200	\$ 2.6400	7	\$ 2.7400	\$ 2.7550	\$ -				
8	\$ 1.7550	\$ 2.2100	\$ 2.7500	8	\$ 2.7400	\$ 2.7400	\$ 2.8200				
9	\$ 1.7550	\$ 2.2500	\$ 2.6700	9	\$ 2.7200	\$ 2.7550	\$ 2.8200				
10	\$ 1.8900	\$ 2.2450	\$ 2.6700	10	\$ 2.6500	\$ 2.8300	\$ 2.8200				
11	\$ 1.9400	\$ 2.3600	\$ 2.6700	11	\$ 2.6200	\$ 2.8300	\$ -				
12		\$ 2.3600	\$ 2.7400	12	\$ 2.5400	\$ 2.8300	\$ -				
13		\$ 2.3600	\$ 2.6500	13	\$ 2.5600	\$ 2.8900	\$ -				
14		\$ 2.4500	\$ 2.7000	14	\$ 2.5600	\$ 2.9700	\$ -				
15		\$ 2.4600	\$ 2.6800	15	\$ 2.5600	\$ 2.9250	\$ -				
16		\$ 2.5400	\$ 2.5900	16	\$ 2.6100	\$ 2.8300	\$ -				
17	\$ 1.8300		\$ 2.5900	17	\$ 2.5900	\$ 2.8450	\$ -				
18	\$ 1.8600	\$ 2.4700	\$ 2.5900	18	\$ 2.5950	\$ 2.8450	\$ -				
19	\$ 1.8000	\$ 2.4700	\$ 2.7350	19	\$ 2.5900	\$ 2.8450	\$ 3.0800				
20	\$ 1.7500	\$ 2.4700	\$ 2.7500	20	\$ 2.5500	\$ 2.9300	\$ 3.0600				
21	\$ 1.6900	\$ 2.6100	\$ 2.6700	21	\$ 2.5500	\$ 3.0400	\$ 2.9700				
22	\$ 1.6900	\$ 2.6800	\$ 2.6650	22	\$ 2.5500	\$ 3.0900	\$ 2.7950				
23	\$ 1.6900		\$ 2.7400	23	\$ 2.6300	\$ 3.0850	\$ 2.7950				
24	\$ 1.8700	\$ 2.5800	\$ 2.7400	24	\$ 2.6200	\$ 2.9600	\$ 2.7950				
25	\$ 1.8000	\$ 2.5900	\$ 2.7400	25	\$ 2.7100	\$ 2.9600	\$ 2.6650				
26	\$ 1.7300	\$ 2.5900	\$ 2.7400	26	\$ 2.7400	\$ 2.9600	\$ 2.6800				
27	\$ 1.7000	\$ 2.5900	\$ 2.6750	27	\$ 2.7800	\$ 2.9600	\$ 2.6600				
28	\$ 1.8400	\$ 2.6300	\$ 2.6850	28	\$ 2.7800	\$ 2.9350	\$ 2.6100				
29	\$ 1.8400		\$ 2.6800	29	\$ 2.7800	\$ 2.8700	\$ 2.5700				
30	\$ 1.8400	\$ 2.8700	\$ 2.6800	30	\$ 2.8550	\$ 2.8800	\$ 2.5700				
31	\$ 1.8400		\$ 2.6800	31	\$ 2.8700		\$ 2.5700				
TOTAL	\$ 47.0150	\$ 64.9550	\$ 83.7150	TOTAL	\$ 83.0600	\$ 86.0450	\$ 60.6000				
POSTINGS	26	27	31	POSTINGS	31	30	22				
AVERAGE	\$ 1.8083	\$ 2.4057	\$ 2.7005	AVERAGE	\$ 2.6794	\$ 2.8682	\$ 2.7545				

**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 AVERAGE LOUISIANA/ SOUTHEAST, TX. GAS, ZONE 1	PLATTS INSIDE FERC's GAS MARKET REPORT LOUISIANA/SOUTHEAST TEXAS GAS, ZONE 1	AVERAGE
Nov. 15	\$2.0200	\$2.0128	\$1.9500	\$1.9943
Dec. 15	\$1.7475	\$1.8065	\$2.1300	\$1.8947
Jan. 16	\$2.2625	\$2.2216	\$2.3200	\$2.2680
Feb. 16	\$1.9360	\$1.8952	\$2.1400	\$1.9904
Mar. 16	\$1.6325	\$1.6326	\$1.6300	\$1.6317
Apr. 16	\$1.8050	\$1.8218	\$1.8300	\$1.8189
May 16	\$1.8180	\$1.8255	\$1.9000	\$1.8478
Jun. 16	\$2.3900	\$2.4378	\$1.8700	\$2.2326
Jul. 16	\$2.7025	\$2.6894	\$2.8400	\$2.7440
Aug. 16	\$2.6860	\$2.6842	\$2.5800	\$2.6501
Sep. 16	\$2.8550	\$2.8677	\$2.7600	\$2.8276
Oct. 16	\$2.8080	\$2.8108	\$2.8600	\$2.8263

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
11/02/2015	\$1.9700		05/02/2016	\$1.8500	
11/09/2015	\$2.0500		05/09/2016	\$1.7900	
11/16/2015	\$1.9900		05/16/2016	\$1.8800	
11/23/2015	\$2.1200		05/23/2016	\$1.7400	
11/30/2015	\$1.9700	\$2.0200	05/30/2016	\$1.8300	\$1.82
12/07/2015	\$2.0700		06/06/2016	\$2.1000	
12/14/2015	\$1.8200		06/13/2016	\$2.3400	
12/21/2015	\$1.6500		06/20/2016	\$2.5100	
12/28/2015	\$1.4500	\$1.7475	06/27/2016	\$2.6100	\$2.3900
01/04/2016	\$2.2900		07/04/2016	\$2.7400	
01/11/2016	\$2.3900		07/11/2016	\$2.6900	
01/18/2016	\$2.2200		07/18/2016	\$2.6300	
01/25/2016	\$2.1500	\$2.2625	07/25/2016	\$2.7500	\$2.7025
02/01/2016	\$2.1200		08/01/2016	\$2.6900	
02/08/2016	\$2.0200		08/08/2016	\$2.7700	
02/15/2016	\$2.0200		08/15/2016	\$2.6200	
02/22/2016	\$1.8800		08/22/2016	\$2.5800	
02/29/2016	\$1.6400	\$1.9360	08/29/2016	\$2.7700	\$2.6860
03/07/2016	\$1.4600		09/05/2016	\$2.8000	
03/14/2016	\$1.6100		09/12/2016	\$2.7600	
03/21/2016	\$1.7900		09/19/2016	\$2.8600	
03/28/2016	\$1.6700	\$1.6325	09/26/2016	\$3.0000	\$2.8550
04/04/2016	\$1.8000		10/03/2016	\$2.8000	
04/11/2016	\$1.8700		10/10/2016	\$2.8200	
04/18/2016	\$1.7100		10/17/2016	\$2.9800	
04/25/2016	\$1.8400	\$1.8050	10/24/2016	\$2.8700	
			10/31/2016	\$2.5700	\$2.8080

PBR YEAR NINETEEN PLATTS GAS DAILY MIDPOINT PRICE
 LOUISIANA/SOUTHEAST, TX. GAS, ZONE 1

NOVEMBER 2015			DECEMBER 2015			JANUARY 2016			FEBRUARY 2016			MARCH 2016			APRIL 2016		
DAY	MIDPOINT		MIDPOINT			MIDPOINT			DAY	MIDPOINT		MIDPOINT			MIDPOINT		
1	\$ 1.9200		\$ 2.0600			\$ 2.2950			1	\$ 2.2100		\$ 1.5050			\$ 1.8550		
2	\$ 1.9200		\$ 2.1250			\$ 2.2950			2	\$ 2.0750		\$ 1.5050			\$ 1.8050		
3	\$ 1.8600		\$ 2.1550			\$ 2.2950			3	\$ 1.9550		\$ 1.5550			\$ 1.8050		
4	\$ 1.8550		\$ 2.0650			\$ 2.2950			4	\$ 1.9950		\$ 1.5150			\$ 1.8050		
5	\$ 1.9550		\$ 2.0400			\$ 2.3600			5	\$ 1.9800		\$ 1.4350			\$ 1.8600		
6	\$ 2.0350		\$ 2.0400			\$ 2.2700			6	\$ 2.0250		\$ 1.4350			\$ 1.8400		
7	\$ 2.1050		\$ 2.0400			\$ 2.2950			7	\$ 2.0250		\$ 1.4350			\$ 1.8200		
8	\$ 2.1050		\$ 1.9800			\$ 2.2900			8	\$ 2.0250		\$ 1.4450			\$ 1.8650		
9	\$ 2.1050		\$ 1.9250			\$ 2.4200			9	\$ 2.1700		\$ 1.4600			\$ 1.8850		
10	\$ 2.0300		\$ 1.9300			\$ 2.4200			10	\$ 2.1300		\$ 1.5150			\$ 1.8850		
11	\$ 2.0650		\$ 1.8500			\$ 2.4200			11	\$ 2.0750		\$ 1.6150			\$ 1.8850		
12	\$ 2.0500		\$ 1.6950			\$ 2.4500			12	\$ 2.0550		\$ 1.6500			\$ 1.8050		
13	\$ 1.9350		\$ 1.6950			\$ 2.3000			13	\$ 1.9850		\$ 1.6500			\$ 1.8650		
14	\$ 1.9600		\$ 1.6950			\$ 2.2200			14	\$ 1.9850		\$ 1.6500			\$ 1.8850		
15	\$ 1.9600		\$ 1.6100			\$ 2.1600			15	\$ 1.9850		\$ 1.6200			\$ 1.8050		
16	\$ 1.9600		\$ 1.5850			\$ 2.1550			16	\$ 1.9850		\$ 1.7150			\$ 1.6150		
17	\$ 2.0300		\$ 1.6650			\$ 2.1550			17	\$ 1.8300		\$ 1.6850			\$ 1.6150		
18	\$ 1.9500		\$ 1.7150			\$ 2.1550			18	\$ 1.8000		\$ 1.7650			\$ 1.6150		
19	\$ 2.0500		\$ 1.6500			\$ 2.1550			19	\$ 1.7900		\$ 1.8050			\$ 1.6650		
20	\$ 2.1050		\$ 1.6500			\$ 2.1350			20	\$ 1.7300		\$ 1.8050			\$ 1.8400		
21	\$ 2.1600		\$ 1.6500			\$ 2.1250			21	\$ 1.7300		\$ 1.8050			\$ 1.8950		
22	\$ 2.1600		\$ 1.6800			\$ 2.1550			22	\$ 1.7300		\$ 1.7200			\$ 1.8750		
23	\$ 2.1600		\$ 1.6550			\$ 2.1450			23	\$ 1.7450		\$ 1.7100			\$ 1.8550		
24	\$ 2.1200		\$ 1.4950			\$ 2.1450			24	\$ 1.7400		\$ 1.7500			\$ 1.8550		
25	\$ 2.0800		\$ 1.4350			\$ 2.1450			25	\$ 1.7200		\$ 1.6650			\$ 1.8550		
26	\$ 1.9500		\$ 1.4350			\$ 2.0850			26	\$ 1.7000		\$ 1.6650			\$ 1.8900		
27	\$ 1.9500		\$ 1.4350			\$ 2.1900			27	\$ 1.5950		\$ 1.6650			\$ 1.8300		
28	\$ 1.9500		\$ 1.4350			\$ 2.1750			28	\$ 1.5950		\$ 1.6650			\$ 1.8700		
29	\$ 1.9500		\$ 2.0650			\$ 2.0550			29	\$ 1.5950		\$ 1.6850			\$ 1.8550		
30	\$ 1.9500		\$ 2.3350			\$ 2.0550			30			\$ 1.7150			\$ 1.8550		
31			\$ 2.2100			\$ 2.0550			31			\$ 1.8000					
TOTAL	\$ 60.3850		\$ 56.0000			\$ 68.8700			TOTAL	\$ 54.9600		\$ 50.6100			\$ 54.6550		
POSTINGS	30		31			31			POSTINGS	29		31			30		
AVERAGE	\$ 2.0128		\$ 1.8065			\$ 2.2216			AVERAGE	\$ 1.8952		\$ 1.6326			\$ 1.8218		

MAY 2016		JUNE 2016		JULY 2016		AUGUST 2016		SEPTEMBER 2016		OCTOBER 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 1.8250	\$ 2.0400	\$ 2.7750	\$ 2.8150	1	\$ 2.8150	\$ 2.8150	\$ 2.6750			
2	\$ 1.8250	\$ 2.2150	\$ 2.7400	\$ 2.7900	2	\$ 2.7900	\$ 2.7950	\$ 2.6750			
3	\$ 1.8250	\$ 2.2150	\$ 2.7400	\$ 2.6900	3	\$ 2.6900	\$ 2.7450	\$ 2.6750			
4	\$ 1.8550	\$ 2.1750	\$ 2.7400	\$ 2.7800	4	\$ 2.7800	\$ 2.7450	\$ 2.7100			
5	\$ 1.9400	\$ 2.1750	\$ 2.7400	\$ 2.7900	5	\$ 2.7900	\$ 2.7450	\$ 2.7400			
6	\$ 1.9200	\$ 2.1750	\$ 2.6800	\$ 2.7350	6	\$ 2.7350	\$ 2.7450	\$ 2.7950			
7	\$ 1.7500	\$ 2.2000	\$ 2.6550	\$ 2.7350	7	\$ 2.7350	\$ 2.7400	\$ 2.8950			
8	\$ 1.7500	\$ 2.2050	\$ 2.7350	\$ 2.7000	8	\$ 2.7000	\$ 2.7450	\$ 2.8400			
9	\$ 1.7500	\$ 2.2600	\$ 2.6650	\$ 2.6500	9	\$ 2.6500	\$ 2.7600	\$ 2.8400			
10	\$ 1.8900	\$ 2.2450	\$ 2.6650	\$ 2.6100	10	\$ 2.6100	\$ 2.8200	\$ 2.8400			
11	\$ 1.9350	\$ 2.3600	\$ 2.6650	\$ 2.5550	11	\$ 2.5550	\$ 2.8200	\$ 3.0400			
12	\$ 1.9300	\$ 2.3600	\$ 2.7250	\$ 2.5850	12	\$ 2.5850	\$ 2.8200	\$ 3.0350			
13	\$ 1.9200	\$ 2.3600	\$ 2.6550	\$ 2.5850	13	\$ 2.5850	\$ 2.8900	\$ 3.0450			
14	\$ 1.8750	\$ 2.4550	\$ 2.7050	\$ 2.5850	14	\$ 2.5850	\$ 2.9650	\$ 2.9450			
15	\$ 1.8750	\$ 2.4900	\$ 2.6700	\$ 2.6150	15	\$ 2.6150	\$ 2.9300	\$ 2.9700			
16	\$ 1.8750	\$ 2.5450	\$ 2.5850	\$ 2.5950	16	\$ 2.5950	\$ 2.8300	\$ 2.9700			
17	\$ 1.8400	\$ 2.5050	\$ 2.5850	\$ 2.6000	17	\$ 2.6000	\$ 2.8400	\$ 2.9700			
18	\$ 1.8900	\$ 2.5050	\$ 2.5850	\$ 2.5900	18	\$ 2.5900	\$ 2.8400	\$ 3.0150			
19	\$ 1.8100	\$ 2.5050	\$ 2.7300	\$ 2.5550	19	\$ 2.5550	\$ 2.8400	\$ 3.0850			
20	\$ 1.6950	\$ 2.5050	\$ 2.7450	\$ 2.5550	20	\$ 2.5550	\$ 2.9300	\$ 3.0450			
21	\$ 1.7150	\$ 2.6350	\$ 2.6700	\$ 2.5550	21	\$ 2.5550	\$ 3.0300	\$ 2.9600			
22	\$ 1.7150	\$ 2.6950	\$ 2.6500	\$ 2.5550	22	\$ 2.5550	\$ 3.1000	\$ 2.7450			
23	\$ 1.7150	\$ 2.7000	\$ 2.7200	\$ 2.6300	23	\$ 2.6300	\$ 3.0650	\$ 2.7450			
24	\$ 1.8850	\$ 2.5950	\$ 2.7200	\$ 2.6200	24	\$ 2.6200	\$ 2.9550	\$ 2.7450			
25	\$ 1.8100	\$ 2.5950	\$ 2.7200	\$ 2.7150	25	\$ 2.7150	\$ 2.9550	\$ 2.6350			
26	\$ 1.7100	\$ 2.5950	\$ 2.7300	\$ 2.7550	26	\$ 2.7550	\$ 2.9550	\$ 2.5750			
27	\$ 1.7050	\$ 2.5950	\$ 2.6600	\$ 2.7850	27	\$ 2.7850	\$ 2.9650	\$ 2.6500			
28	\$ 1.8400	\$ 2.6400	\$ 2.6900	\$ 2.7850	28	\$ 2.7850	\$ 2.9350	\$ 2.6100			
29	\$ 1.8400	\$ 2.7600	\$ 2.6750	\$ 2.7850	29	\$ 2.7850	\$ 2.8700	\$ 2.5550			
30	\$ 1.8400	\$ 2.8300	\$ 2.6750	\$ 2.8600	30	\$ 2.8600	\$ 2.8400	\$ 2.5550			
31	\$ 1.8400		\$ 2.6750	\$ 2.8700	31	\$ 2.8700		\$ 2.5550			
TOTAL	\$ 56.5900	\$ 73.1350	\$ 83.3700	TOTAL	\$ 83.2100	\$ 86.0300	\$ 87.1350				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 1.8255	\$ 2.4378	\$ 2.6894	AVERAGE	\$ 2.6842	\$ 2.8677	\$ 2.8108				

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

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

	NATURAL GAS WEEK APPALACHIA LEBANON HUB	PLATTS GAS DAILY AVERAGE APPALACHIA LEBANON HUB	PLATTS INSIDE FERC's GAS MARKET REPORT APPALACHIA, LEBANON HUB	AVERAGE
Nov. 15	\$2.0720	\$2.0405	\$2.0300	\$2.0475
Dec. 15	\$1.7900	\$1.8634	\$2.2700	\$1.9745
Jan. 16	\$2.3200	\$2.2645	\$2.5100	\$2.3648
Feb. 16	\$1.9380	\$1.9105	\$2.2000	\$2.0162
Mar. 16	\$1.6250	\$1.6379	\$1.6400	\$1.6343
Apr. 16	\$1.7925	\$1.8168	\$1.8200	\$1.8098
May 16	\$1.8420	\$1.8317	\$1.9000	\$1.8579
Jun. 16	\$2.3625	\$2.4267	\$1.8700	\$2.2197
Jul. 16	\$2.6950	\$2.6660	\$2.8500	\$2.7370
Aug. 16	\$2.6660	\$2.6881	\$2.5800	\$2.6447
Sep. 16	\$2.8575	\$2.8596	\$2.7700	\$2.8290
Oct. 16	\$2.8060	\$2.8050	\$2.8700	\$2.8270

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

NATURAL GAS WEEK APPALACHIA LEBANON HUB			NATURAL GAS WEEK APPALACHIA LEBANON HUB		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/02/2015	\$2.0800		05/02/2016	\$1.8600	
11/09/2015	\$2.0600		05/09/2016	\$1.8400	
11/16/2015	\$2.0000		05/16/2016	\$1.9200	
11/23/2015	\$2.1900		05/23/2016	\$1.7900	
11/30/2015	\$2.0300	\$2.0720	05/30/2016	\$1.8000	\$1.8420
12/07/2015	\$2.1000		06/06/2016	\$2.0500	
12/14/2015	\$1.7900		06/13/2016	\$2.2900	
12/21/2015	\$1.7100		06/20/2016	\$2.4900	
12/28/2015	\$1.5600	\$1.7900	06/27/2016	\$2.6200	\$2.3625
01/04/2016	\$2.3600		07/04/2016	\$2.7300	
01/11/2016	\$2.4700		07/11/2016	\$2.6800	
01/18/2016	\$2.2600		07/18/2016	\$2.6200	
01/25/2016	\$2.1900	\$2.3200	07/25/2016	\$2.7500	\$2.6950
02/01/2016	\$2.0900		08/01/2016	\$2.6800	
02/08/2016	\$2.0300		08/08/2016	\$2.7400	
02/15/2016	\$2.0600		08/15/2016	\$2.6200	
02/22/2016	\$1.8400		08/22/2016	\$2.5600	
02/29/2016	\$1.6700	\$1.9380	08/29/2016	\$2.7300	\$2.6660
03/07/2016	\$1.4700		09/05/2016	\$2.7600	
03/14/2016	\$1.5900		09/12/2016	\$2.7900	
03/21/2016	\$1.7600		09/19/2016	\$2.9100	
03/28/2016	\$1.6800	\$1.6250	09/26/2016	\$2.9700	\$2.8575
04/04/2016	\$1.7900		10/03/2016	\$2.7300	
04/11/2016	\$1.8600		10/10/2016	\$2.7900	
04/18/2016	\$1.6800		10/17/2016	\$2.9500	
04/25/2016	\$1.8400	\$1.7925	10/24/2016	\$2.9500	
			10/31/2016	\$2.6100	\$2.8060

PBR YEAR NINETEEN PLATTS GAS DAILY MIDPOINT PRICE
 APPALACHIA, LEBANON HUB

NOVEMBER 2015		DECEMBER 2015		JANUARY 2016		FEBRUARY 2016		MARCH 2016		APRIL 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 1.9200	\$ 2.1200	\$ 2.3400	1	\$ 2.2450	\$ 1.5300	\$ 1.8750				
2	\$ 1.9200	\$ 2.1850	\$ 2.3400	2	\$ 2.1350	\$ 1.5500	\$ 1.8250				
3	\$ 1.8600	\$ 2.1750	\$ 2.3400	3	\$ 2.0100	\$ 1.6150	\$ 1.8250				
4	\$ 1.8800	\$ 2.1100	\$ 2.3400	4	\$ 2.0350	\$ 1.5350	\$ 1.8250				
5	\$ 2.0450	\$ 2.0650	\$ 2.4200	5	\$ 2.0150	\$ 1.4250	\$ 1.8500				
6	\$ 2.1200	\$ 2.0650	\$ 2.3050	6	\$ 2.0300	\$ 1.4250	\$ 1.8350				
7	\$ 2.0900	\$ 2.0650	\$ 2.3450	7	\$ 2.0300	\$ 1.4250	\$ 1.8150				
8	\$ 2.0900	\$ 2.0050	\$ 2.3450	8	\$ 2.0300	\$ 1.4550	\$ 1.8700				
9	\$ 2.0900	\$ 1.9300	\$ 2.5150	9	\$ 2.2000	\$ 1.4650	\$ 1.8600				
10	\$ 2.0500	\$ 1.9600	\$ 2.5150	10	\$ 2.1500	\$ 1.5000	\$ 1.8600				
11	\$ 2.0650	\$ 1.8800	\$ 2.5150	11	\$ 2.0900	\$ 1.6150	\$ 1.8600				
12	\$ 2.0750	\$ 1.7100	\$ 2.5100	12	\$ 2.0900	\$ 1.6450	\$ 1.8200				
13	\$ 1.9650	\$ 1.7100	\$ 2.3450	13	\$ 2.0100	\$ 1.6450	\$ 1.8650				
14	\$ 1.9650	\$ 1.7100	\$ 2.2650	14	\$ 2.0100	\$ 1.6450	\$ 1.8650				
15	\$ 1.9650	\$ 1.6850	\$ 2.2100	15	\$ 2.0100	\$ 1.6200	\$ 1.7750				
16	\$ 1.9650	\$ 1.6550	\$ 2.2400	16	\$ 2.0100	\$ 1.6950	\$ 1.6050				
17	\$ 2.0700	\$ 1.7550	\$ 2.2400	17	\$ 1.8300	\$ 1.6750	\$ 1.6050				
18	\$ 1.9850	\$ 1.7750	\$ 2.2400	18	\$ 1.8000	\$ 1.7800	\$ 1.6050				
19	\$ 2.0900	\$ 1.7150	\$ 2.2400	19	\$ 1.7800	\$ 1.8150	\$ 1.6500				
20	\$ 2.1600	\$ 1.7150	\$ 2.2050	20	\$ 1.7400	\$ 1.8150	\$ 1.8550				
21	\$ 2.2050	\$ 1.7150	\$ 2.1450	21	\$ 1.7400	\$ 1.8150	\$ 1.9200				
22	\$ 2.2050	\$ 1.7600	\$ 2.1750	22	\$ 1.7400	\$ 1.7300	\$ 1.8750				
23	\$ 2.2050	\$ 1.7650	\$ 2.1450	23	\$ 1.7550	\$ 1.7200	\$ 1.8350				
24	\$ 2.1700	\$ 1.6200	\$ 2.1450	24	\$ 1.7450	\$ 1.7450	\$ 1.8350				
25	\$ 2.1100	\$ 1.4800	\$ 2.1450	25	\$ 1.7200	\$ 1.6750	\$ 1.8350				
26	\$ 1.9900	\$ 1.4800	\$ 2.1300	26	\$ 1.7000	\$ 1.6750	\$ 1.8750				
27	\$ 1.9900	\$ 1.4800	\$ 2.1950	27	\$ 1.5850	\$ 1.6750	\$ 1.8400				
28	\$ 1.9900	\$ 1.4800	\$ 2.1700	28	\$ 1.5850	\$ 1.6750	\$ 1.8450				
29	\$ 1.9900	\$ 2.2000	\$ 2.0450	29	\$ 1.5850	\$ 1.6850	\$ 1.8500				
30	\$ 1.9900	\$ 2.4800	\$ 2.0450	30		\$ 1.7100	\$ 1.8500				
31		\$ 2.3150	\$ 2.0450	31		\$ 1.7950					
TOTAL	\$ 61.2150	\$ 57.7650	\$ 70.2000	TOTAL	\$ 55.4050	\$ 50.7750	\$ 54.5050				
POSTINGS	30	31	31	POSTINGS	29	31	30				
AVERAGE	\$ 2.0405	\$ 1.8634	\$ 2.2645	AVERAGE	\$ 1.9105	\$ 1.6379	\$ 1.8168				

MAY 2016		JUNE 2016		JULY 2016		AUGUST 2016		SEPTEMBER 2016		OCTOBER 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 1.8500	\$ 2.0400	\$ 2.7700	\$ 2.8200	1	\$ 2.8200	\$ 2.8400	\$ 2.6900			
2	\$ 1.8500	\$ 2.2050	\$ 2.6950	\$ 2.7900	2	\$ 2.7900	\$ 2.8100	\$ 2.6900			
3	\$ 1.8450	\$ 2.1900	\$ 2.6950	\$ 2.6950	3	\$ 2.6950	\$ 2.7200	\$ 2.6900			
4	\$ 1.9150	\$ 2.1700	\$ 2.6950	\$ 2.7650	4	\$ 2.7650	\$ 2.7200	\$ 2.6900			
5	\$ 1.9700	\$ 2.1700	\$ 2.6950	\$ 2.8000	5	\$ 2.8000	\$ 2.7200	\$ 2.7200			
6	\$ 1.9100	\$ 2.1700	\$ 2.6950	\$ 2.7300	6	\$ 2.7300	\$ 2.7200	\$ 2.7850			
7	\$ 1.7750	\$ 2.1950	\$ 2.6250	\$ 2.7300	7	\$ 2.7300	\$ 2.7550	\$ 2.8850			
8	\$ 1.7750	\$ 2.2000	\$ 2.7300	\$ 2.7300	8	\$ 2.7300	\$ 2.7600	\$ 2.8200			
9	\$ 1.7750	\$ 2.2350	\$ 2.6300	\$ 2.7000	9	\$ 2.7000	\$ 2.7700	\$ 2.8200			
10		\$ 2.2200	\$ 2.6300	\$ 2.6600	10	\$ 2.6600	\$ 2.8200	\$ 2.8200			
11	\$ 1.9750	\$ 2.3200	\$ 2.6300	\$ 2.6300	11	\$ 2.6300	\$ 2.8200	\$ 3.0150			
12	\$ 1.9400	\$ 2.3200	\$ 2.7350	\$ 2.5550	12	\$ 2.5550	\$ 2.8200	\$ 3.0350			
13	\$ 1.9800	\$ 2.3200	\$ 2.6500	\$ 2.6200	13	\$ 2.6200	\$ -	\$ 3.0550			
14	\$ 1.8650	\$ 2.4400	\$ 2.7150	\$ 2.6200	14	\$ 2.6200	\$ 2.9550	\$ -			
15	\$ 1.8650	\$ 2.4400	\$ 2.6800	\$ 2.6200	15	\$ 2.6200	\$ 2.9100	\$ 2.8850			
16	\$ 1.8650	\$ 2.5250	\$ 2.5650	\$ 2.6300	16	\$ 2.6300	\$ 2.8350	\$ 2.8850			
17	\$ 1.8500	\$ 2.4700	\$ 2.5650	\$ 2.5900	17	\$ 2.5900	\$ -	\$ 2.8850			
18	\$ 1.8950	\$ 2.5150	\$ 2.5650	\$ 2.6100	18	\$ 2.6100	\$ -	\$ 2.9500			
19	\$ 1.8050	\$ 2.5150		\$ 2.5900	19	\$ 2.5900	\$ -	\$ 3.0750			
20	\$ 1.7100	\$ 2.5150		\$ 2.5500	20	\$ 2.5500	\$ 2.9300	\$ 3.0950			
21	\$ 1.7250	\$ 2.6400		\$ 2.5500	21	\$ 2.5500	\$ 3.0550	\$ 2.9750			
22	\$ 1.7250	\$ 2.6700		\$ 2.5500	22	\$ 2.5500	\$ 3.1050	\$ 2.7700			
23	\$ 1.7250	\$ 2.6950		\$ 2.6100	23	\$ 2.6100	\$ -	\$ 2.7700			
24	\$ 1.8850	\$ 2.5900		\$ 2.6300	24	\$ 2.6300	\$ 2.9450	\$ 2.7700			
25	\$ 1.8150	\$ 2.5850		\$ 2.7200	25	\$ 2.7200	\$ 2.9450	\$ 2.7200			
26	\$ 1.7250	\$ 2.5850	\$ 2.7300	\$ 2.7700	26	\$ 2.7700	\$ 2.9450	\$ 2.6300			
27	\$ 1.7550	\$ 2.5850	\$ 2.6450	\$ 2.7550	27	\$ 2.7550	\$ 2.9650	\$ 2.6900			
28	\$ 1.7950	\$ 2.6800	\$ 2.6950	\$ 2.7550	28	\$ 2.7550	\$ 2.9350	\$ 2.6400			
29	\$ 1.7950	\$ 2.7700	\$ 2.6500	\$ 2.7550	29	\$ 2.7550	\$ 2.8600	\$ 2.5650			
30	\$ 1.7950	\$ 2.8250	\$ 2.6500	\$ 2.9100	30	\$ 2.9100	\$ 2.8300	\$ 2.5650			
31	\$ 1.7950		\$ 2.6500	\$ 2.8900	31	\$ 2.8900		\$ 2.5650			
TOTAL	\$ 54.9500	\$ 72.8000	\$ 63.9850	TOTAL	\$ 83.3300	\$ 71.4900	\$ 84.1500				
POSTINGS	30	30	24	POSTINGS	31	25	30				
AVERAGE	\$ 1.8317	\$ 2.4267	\$ 2.6660	AVERAGE	\$ 2.6881	\$ 2.8596	\$ 2.8050				

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

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

	NATURAL GAS WEEK TEXAS, CENTRAL, ONSHORE	PLATTS GAS DAILY AVERAGE EAST TEXAS, TENNESSEE, ZONE 0	PLATTS INSIDE FERC's GAS MARKET REPORT EAST TEXAS, TENNESSEE, ZONE 0	AVERAGE
Nov. 15	\$2.0120	\$1.9937	\$1.9400	\$1.9819
Dec. 15	\$1.7850	\$1.7671	\$2.1200	\$1.8907
Jan. 16	\$2.2400	\$2.1939	\$2.3000	\$2.2446
Feb. 16	\$1.9080	\$1.8884	\$2.1300	\$1.9755
Mar. 16	\$1.6575	\$1.6350	\$1.6300	\$1.6408
Apr. 16	\$1.7950	\$1.7827	\$1.8200	\$1.7992
May 16	\$1.8120	\$1.7889	\$1.9000	\$1.8336
Jun. 16	\$2.3875	\$2.4050	\$1.8600	\$2.2175
Jul. 16	\$2.6975	\$2.6269	\$2.8100	\$2.7115
Aug. 16	\$2.6820	\$2.6453	\$2.5500	\$2.6258
Sep. 16	\$2.8750	\$2.8758	\$2.7300	\$2.8269
Oct. 16	\$2.9240	\$2.8692	\$2.8700	\$2.8877

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

NATURAL GAS WEEK CENTRAL, TEXAS, ONSHORE			NATURAL GAS WEEK CENTRAL, TEXAS, ONSHORE		
		MONTHLY AVERAGE			MONTHLY AVERAGE
11/02/2015	\$1.9700		05/02/2016	\$1.8300	
11/09/2015	\$2.0200		05/09/2016	\$1.8000	
11/16/2015	\$1.9700		05/16/2016	\$1.9000	
11/23/2015	\$2.1000		05/23/2016	\$1.7400	
11/30/2015	\$2.0000	\$2.0120	05/30/2016	\$1.7900	\$1.81
12/07/2015	\$2.1200		06/06/2016	\$2.0800	
12/14/2015	\$1.7900		06/13/2016	\$2.3100	
12/21/2015	\$1.7000		06/20/2016	\$2.5300	
12/28/2015	\$1.5300	\$1.7850	06/27/2016	\$2.6300	\$2.3875
01/04/2016	\$2.3200		07/04/2016	\$2.7600	
01/11/2016	\$2.3600		07/11/2016	\$2.6900	
01/18/2016	\$2.1700		07/18/2016	\$2.6300	
01/25/2016	\$2.1100	\$2.2400	07/25/2016	\$2.7100	\$2.6975
02/01/2016	\$2.1100		08/01/2016	\$2.7000	
02/08/2016	\$2.0100		08/08/2016	\$2.7700	
02/15/2016	\$1.9800		08/15/2016	\$2.6200	
02/22/2016	\$1.7800		08/22/2016	\$2.5700	
02/29/2016	\$1.6600	\$1.9080	08/29/2016	\$2.7500	\$2.6820
03/07/2016	\$1.4700		09/05/2016	\$2.7900	
03/14/2016	\$1.6600		09/12/2016	\$2.7900	
03/21/2016	\$1.7900		09/19/2016	\$2.9000	
03/28/2016	\$1.7100	\$1.6575	09/26/2016	\$3.0200	\$2.8750
04/04/2016	\$1.8000		10/03/2016	\$2.8500	
04/11/2016	\$1.8400		10/10/2016	\$2.9200	
04/18/2016	\$1.6800		10/17/2016	\$3.1500	
04/25/2016	\$1.8600	\$1.7950	10/24/2016	\$2.9900	
			10/31/2016	\$2.7100	\$2.9240

PBR YEAR NINETEEN PLATTS GAS DAILY MIDPOINT PRICE
 EAST TEXAS, TENNESSEE, ZONE 0

NOVEMBER 2015		DECEMBER 2015		JANUARY 2016		FEBRUARY 2016		MARCH 2016		APRIL 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT
1	\$ 1.8750	\$ 2.0250	\$ 2.2750	\$ 2.2100	\$ 1.5250	\$ 1.7950					
2	\$ 1.8750	\$ 2.1200	\$ 2.2750	\$ 2.1000	\$ 1.5050	\$ 1.7000					
3	\$ 1.8350	\$ 2.0850	\$ 2.2750	\$ 1.9700	\$ 1.5300	\$ 1.7000					
4	\$ 1.8750	\$ 2.0900	\$ 2.2750	\$ 1.9850	\$ 1.5100	\$ 1.7000					
5	\$ 1.9850	\$ 2.0400	\$ 2.3200	\$ 1.9800	\$ 1.4400	\$ 1.8000					
6	\$ 2.0500	\$ 2.0400	\$ 2.2550	\$ 2.0150	\$ 1.4400	\$ 1.8150					
7	\$ 2.0200	\$ 2.0400	\$ 2.3000	\$ 2.0150	\$ 1.4400	\$ 1.8100					
8	\$ 2.0200	\$ 1.9850	\$ 2.2750	\$ 2.0150	\$ 1.4500	\$ 1.8400					
9	\$ 2.0200	\$ 1.8700	\$ 2.3800	\$ 2.1450	\$ 1.4900	\$ 1.8350					
10	\$ 2.0250	\$ 1.8900	\$ 2.3800	\$ 2.0950	\$ 1.5350	\$ 1.8350					
11	\$ 2.0300	\$ 1.8050	\$ 2.3800	\$ 2.0400	\$ 1.6600	\$ 1.8350					
12	\$ 2.0150	\$ 1.6750	\$ 2.3750	\$ 2.0250	\$ 1.6950	\$ 1.6900					
13	\$ 1.9050	\$ 1.6750	\$ 2.2650	\$ 1.9500	\$ 1.6950	\$ 1.7500					
14	\$ 1.9750	\$ 1.6750	\$ 2.2150	\$ 1.9500	\$ 1.6950	\$ 1.8100					
15	\$ 1.9750	\$ 1.6050	\$ 2.1300	\$ 1.9500	\$ 1.6500	\$ 1.7350					
16	\$ 1.9750	\$ 1.6200	\$ 2.1100	\$ 1.9500	\$ 1.7400	\$ 1.6050					
17	\$ 2.0300	\$ 1.5950	\$ 2.1100	\$ 1.8250	\$ 1.6750	\$ 1.6050					
18	\$ 1.9400	\$ 1.6650	\$ 2.1100	\$ 1.8150	\$ 1.7750	\$ 1.6050					
19	\$ 2.0450	\$ 1.6250	\$ 2.1100	\$ 1.7900	\$ 1.7550	\$ 1.7100					
20	\$ 2.1050	\$ 1.6250	\$ 2.0850	\$ 1.7350	\$ 1.7550	\$ 1.8400					
21	\$ 2.0900	\$ 1.6250	\$ 2.0500	\$ 1.7350	\$ 1.7550	\$ 1.8850					
22	\$ 2.0900	\$ 1.7100	\$ 2.1200	\$ 1.7350	\$ 1.7450	\$ 1.8750					
23	\$ 2.0900	\$ 1.6450	\$ 2.1100	\$ 1.7250	\$ 1.7050	\$ 1.8400					
24	\$ 2.1050	\$ 1.3950	\$ 2.1100	\$ 1.7250	\$ 1.7350	\$ 1.8400					
25	\$ 2.0600	\$ 1.2750	\$ 2.1100	\$ 1.7300	\$ 1.6450	\$ 1.8400					
26	\$ 1.9600	\$ 1.2750	\$ 2.0950	\$ 1.6950	\$ 1.6450	\$ 1.8700					
27	\$ 1.9600	\$ 1.2750	\$ 2.1750	\$ 1.6200	\$ 1.6450	\$ 1.8400					
28	\$ 1.9600	\$ 1.2750	\$ 2.1600	\$ 1.6200	\$ 1.6450	\$ 1.7950					
29	\$ 1.9600	\$ 2.1000	\$ 2.0600	\$ 1.6200	\$ 1.6800	\$ 1.8400					
30	\$ 1.9600	\$ 2.3150	\$ 2.0600		\$ 1.7300	\$ 1.8400					
31		\$ 2.1400	\$ 2.0600		\$ 1.7950						
TOTAL	\$ 59.8100	\$ 54.7800	\$ 68.0100	TOTAL	\$ 54.7650	\$ 50.6850	\$ 53.4800				
POSTINGS	30	31	31	POSTINGS	29	31	30				
AVERAGE	\$ 1.9937	\$ 1.7671	\$ 2.1939	AVERAGE	\$ 1.8884	\$ 1.6350	\$ 1.7827				

MAY 2016		JUNE 2016		JULY 2016		AUGUST 2016		SEPTEMBER 2016		OCTOBER 2016	
DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT	DAY	MIDPOINT	MIDPOINT	MIDPOINT	MIDPOINT		
1	\$ 1.7900	\$ 1.9900	\$ 2.7400	\$ 2.7800	1	\$ 2.7800	\$ 2.8200	\$ 2.7400			
2	\$ 1.7900	\$ 2.1750	\$ 2.7100	\$ 2.7300	2	\$ 2.7300	\$ 2.7850	\$ 2.7400			
3	\$ 1.8100	\$ 2.1850	\$ 2.7100	\$ 2.6800	3	\$ 2.6800	\$ 2.7450	\$ 2.7400			
4	\$ 1.8550	\$ 2.1800	\$ 2.7100	\$ 2.7400	4	\$ 2.7400	\$ 2.7450	\$ 2.7300			
5	\$ 1.9400	\$ 2.1800	\$ 2.7100	\$ 2.7450	5	\$ 2.7450	\$ 2.7450	\$ 2.7500			
6	\$ 1.8900	\$ 2.1800	\$ 2.5750	\$ 2.6900	6	\$ 2.6900	\$ 2.7450	\$ 2.8300			
7	\$ 1.6950	\$ 2.1600	\$ 2.5950	\$ 2.6900	7	\$ 2.6900	\$ 2.7250	\$ 2.8900			
8	\$ 1.6950	\$ 2.1800	\$ 2.7000	\$ 2.6900	8	\$ 2.6900	\$ 2.7250	\$ 2.8950			
9	\$ 1.6950	\$ 2.2550	\$ 2.5900	\$ 2.6450	9	\$ 2.6450	\$ 2.7350	\$ 2.8950			
10	\$ 1.8700	\$ 2.2350	\$ 2.5900	\$ 2.5550	10	\$ 2.5550	\$ 2.8200	\$ 2.8950			
11	\$ 1.9050	\$ 2.3300	\$ 2.5900	\$ 2.5100	11	\$ 2.5100	\$ 2.8200	\$ 3.0400			
12	\$ 1.9200	\$ 2.3300	\$ 2.6550	\$ 2.5200	12	\$ 2.5200	\$ 2.8200	\$ 3.1050			
13	\$ 1.9200	\$ 2.3300	\$ 2.5850	\$ 2.5500	13	\$ 2.5500	\$ 2.8850	\$ 3.1150			
14	\$ 1.8350	\$ 2.3700	\$ 2.6000	\$ 2.5500	14	\$ 2.5500	\$ 2.9700	\$ 3.1100			
15	\$ 1.8350	\$ 2.4200	\$ 2.6400	\$ 2.5500	15	\$ 2.5500	\$ 2.9000	\$ 3.0700			
16	\$ 1.8350	\$ 2.4800	\$ 2.5200	\$ 2.5450	16	\$ 2.5450	\$ 2.8500	\$ 3.0700			
17	\$ 1.8150	\$ 2.4300	\$ 2.5200	\$ 2.5500	17	\$ 2.5500	\$ 2.9000	\$ 3.0700			
18	\$ 1.8600	\$ 2.4900	\$ 2.5200	\$ 2.5600	18	\$ 2.5600	\$ 2.9000	\$ 3.0400			
19	\$ 1.7850	\$ 2.4900	\$ 2.6350	\$ 2.5650	19	\$ 2.5650	\$ 2.9000	\$ 3.1550			
20	\$ 1.6050	\$ 2.4900	\$ 2.6400	\$ 2.5050	20	\$ 2.5050	\$ 2.9550	\$ 3.1000			
21	\$ 1.6950	\$ 2.5300	\$ 2.5900	\$ 2.5050	21	\$ 2.5050	\$ 3.0600	\$ 3.0200			
22	\$ 1.6950	\$ 2.6850	\$ 2.5950	\$ 2.5050	22	\$ 2.5050	\$ 3.0800	\$ 2.7800			
23	\$ 1.6950	\$ 2.6600	\$ 2.6850	\$ 2.5900	23	\$ 2.5900	\$ 3.0750	\$ 2.7800			
24	\$ 1.8800	\$ 2.5400	\$ 2.6850	\$ 2.6150	24	\$ 2.6150	\$ 2.9650	\$ 2.7800			
25	\$ 1.7800	\$ 2.5600	\$ 2.6850	\$ 2.7000	25	\$ 2.7000	\$ 2.9650	\$ 2.6850			
26	\$ 1.6950	\$ 2.5600	\$ 2.6450	\$ 2.7550	26	\$ 2.7550	\$ 2.9650	\$ 2.6950			
27	\$ 1.6900	\$ 2.5600	\$ 2.5700	\$ 2.7750	27	\$ 2.7750	\$ 2.9850	\$ 2.6800			
28	\$ 1.7450	\$ 2.6550	\$ 2.6000	\$ 2.7750	28	\$ 2.7750	\$ 2.9550	\$ 2.6400			
29	\$ 1.7450	\$ 2.7300	\$ 2.6150	\$ 2.7750	29	\$ 2.7750	\$ 2.8650	\$ 2.6350			
30	\$ 1.7450	\$ 2.7900	\$ 2.6150	\$ 2.8350	30	\$ 2.8350	\$ 2.8700	\$ 2.6350			
31	\$ 1.7450		\$ 2.6150	\$ 2.8250	31	\$ 2.8250		\$ 2.6350			
TOTAL	\$ 55.4550	\$ 72.1500	\$ 81.4350	TOTAL	\$ 82.0050	\$ 86.2750	\$ 88.9450				
POSTINGS	31	30	31	POSTINGS	31	30	31				
AVERAGE	\$ 1.7889	\$ 2.4050	\$ 2.6269	AVERAGE	\$ 2.6453	\$ 2.8758	\$ 2.8692				

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

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

	NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE	PLATTS GAS DAILY AVERAGE LOUISIANA/ SOUTHEAST, TENNESSEE, 500 LEG	PLATTS INSIDE FERC'S GAS MARKET REPORT LOUISIANA/SOUTHEAST, TENNESSEE, LOUISIANA, 500 LEG	AVERAGE
Nov. 15	\$2.0200	\$2.0287	\$1.9700	\$2.0062
Dec. 15	\$1.7600	\$1.8144	\$2.1500	\$1.9081
Jan. 16	\$2.2575	\$2.2331	\$2.3400	\$2.2769
Feb. 16	\$1.9400	\$1.9174	\$2.1600	\$2.0058
Mar. 16	\$1.6525	\$1.6615	\$1.6600	\$1.6580
Apr. 16	\$1.8225	\$1.8262	\$1.8400	\$1.8296
May 16	\$1.8260	\$1.8356	\$1.9200	\$1.8605
Jun. 16	\$2.4175	\$2.4667	\$1.8900	\$2.2581
Jul. 16	\$2.7325	\$2.7355	\$2.8600	\$2.7760
Aug. 16	\$2.7080	\$2.7200	\$2.6100	\$2.6793
Sep. 16	\$2.8925	\$2.9198	\$2.7900	\$2.8674
Oct. 16	\$2.8460	\$2.8810	\$2.9000	\$2.8757

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

NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			MONTHLY AVERAGE	NATURAL GAS WEEK LOUISIANA, GULF COAST, ONSHORE			MONTHLY AVERAGE
11/02/2015	\$2.0000			05/02/2016	\$1.8600		
11/09/2015	\$2.0000			05/09/2016	\$1.7900		
11/16/2015	\$1.9900			05/16/2016	\$1.9000		
11/23/2015	\$2.1200			05/23/2016	\$1.7600		
11/30/2015	\$1.9900	\$2.0200		05/30/2016	\$1.8200	\$1.8260	
12/07/2015	\$2.0800			06/06/2016	\$2.1400		
12/14/2015	\$1.7900			06/13/2016	\$2.3400		
12/21/2015	\$1.6700			06/20/2016	\$2.5500		
12/28/2015	\$1.5000	\$1.7600		06/27/2016	\$2.6400	\$2.4175	
01/04/2016	\$2.2700			07/04/2016	\$2.7900		
01/11/2016	\$2.3900			07/11/2016	\$2.7500		
01/18/2016	\$2.2100			07/18/2016	\$2.6600		
01/25/2016	\$2.1600	\$2.2575		07/25/2016	\$2.7300	\$2.7325	
02/01/2016	\$2.1300			08/01/2016	\$2.7200		
02/08/2016	\$2.0500			08/08/2016	\$2.7900		
02/15/2016	\$2.0300			08/15/2016	\$2.6400		
02/22/2016	\$1.8300			08/22/2016	\$2.6200		
02/29/2016	\$1.6600	\$1.9400		08/29/2016	\$2.7700	\$2.7080	
03/07/2016	\$1.4900			09/05/2016	\$2.8200		
03/14/2016	\$1.6300			09/12/2016	\$2.8000		
03/21/2016	\$1.7800			09/19/2016	\$2.9300		
03/28/2016	\$1.7100	\$1.6525		09/26/2016	\$3.0200	\$2.8925	
04/04/2016	\$1.8100			10/03/2016	\$2.8400		
04/11/2016	\$1.8900			10/10/2016	\$2.8800		
04/18/2016	\$1.7200			10/17/2016	\$3.0700		
04/25/2016	\$1.8700	\$1.8225		10/24/2016	\$2.8300		
				10/31/2016	\$2.6100	\$2.8460	

PBR YEAR NINETEEN PLATTS GAS DAILY MIDPOINT PRICE
 LOUISIANA/SOUTHEAST, TENNESSEE, 500 LEG

NOVEMBER 2015		DECEMBER 2015		JANUARY 2016		FEBRUARY 2016		MARCH 2016		APRIL 2016	
DAY	MIDPOINT	MIDPOINT		MIDPOINT		DAY	MIDPOINT	MIDPOINT		MIDPOINT	
1	\$ 1.9100	\$ 2.0650		\$ 2.3000		1	\$ 2.2400	\$ 1.5450		\$ 1.8500	
2	\$ 1.9100	\$ 2.1450		\$ 2.3000		2	\$ 2.1000	\$ 1.5500		\$ 1.8100	
3	\$ 1.8950	\$ 2.1750		\$ 2.3000		3	\$ 1.9850	\$ 1.5500		\$ 1.8100	
4	\$ 1.8950	\$ 2.0850		\$ 2.3000		4	\$ 2.0250	\$ 1.5400		\$ 1.8100	
5	\$ 2.0150	\$ 2.0650		\$ 2.3700		5	\$ 2.0050	\$ 1.4750		\$ 1.8550	
6	\$ 2.0750	\$ 2.0650		\$ 2.2800		6	\$ 2.0450	\$ 1.4750		\$ 1.8200	
7	\$ 2.1000	\$ 2.0650		\$ 2.3200		7	\$ 2.0450	\$ 1.4750		\$ 1.8150	
8	\$ 2.1000	\$ 2.0050		\$ 2.3150		8	\$ 2.0450	\$ 1.5000		\$ 1.8700	
9	\$ 2.1000	\$ 1.9450		\$ 2.4250		9	\$ 2.1800	\$ 1.5200		\$ 1.8650	
10	\$ 2.0550	\$ 1.9350		\$ 2.4250		10	\$ 2.1450	\$ 1.5500		\$ 1.8650	
11	\$ 2.0700	\$ 1.8150		\$ 2.4250		11	\$ 2.0900	\$ 1.6500		\$ 1.8650	
12	\$ 2.0300	\$ 1.6750		\$ 2.4350		12	\$ 2.0600	\$ 1.6700		\$ 1.8050	
13	\$ 1.9550	\$ 1.6750		\$ 2.3150		13	\$ 1.9800	\$ 1.6700		\$ 1.8550	
14	\$ 1.9900	\$ 1.6750		\$ 2.2500		14	\$ 1.9800	\$ 1.6700		\$ 1.8550	
15	\$ 1.9900	\$ 1.6200		\$ 2.1650		15	\$ 1.9800	\$ 1.6450		\$ 1.7750	
16	\$ 1.9900	\$ 1.6050		\$ 2.1750		16	\$ 1.9800	\$ 1.7450		\$ 1.6200	
17	\$ 2.0500	\$ 1.6600		\$ 2.1750		17	\$ 1.8450	\$ 1.7100		\$ 1.6200	
18	\$ 1.9500	\$ 1.7150		\$ 2.1750		18	\$ 1.8550	\$ 1.7700		\$ 1.6200	
19	\$ 2.0550	\$ 1.6650		\$ 2.1750		19	\$ 1.8300	\$ 1.8300		\$ 1.7250	
20	\$ 2.1500	\$ 1.6650		\$ 2.1400		20	\$ 1.7550	\$ 1.8300		\$ 1.8700	
21	\$ 2.1650	\$ 1.6650		\$ 2.1150		21	\$ 1.7550	\$ 1.8300		\$ 1.9050	
22	\$ 2.1650	\$ 1.7350		\$ 2.1600		22	\$ 1.7550	\$ 1.7550		\$ 1.8950	
23	\$ 2.1650	\$ 1.6800		\$ 2.1550		23	\$ 1.7700	\$ 1.7250		\$ 1.8900	
24	\$ 2.1400	\$ 1.5150		\$ 2.1550		24	\$ 1.7450	\$ 1.7850		\$ 1.8900	
25	\$ 2.0650	\$ 1.4250		\$ 2.1550		25	\$ 1.7550	\$ 1.6800		\$ 1.8900	
26	\$ 1.9750	\$ 1.4250		\$ 2.1000		26	\$ 1.7350	\$ 1.6800		\$ 1.8950	
27	\$ 1.9750	\$ 1.4250		\$ 2.1850		27	\$ 1.6400	\$ 1.6800		\$ 1.8650	
28	\$ 1.9750	\$ 1.4250		\$ 2.1800		28	\$ 1.6400	\$ 1.6800		\$ 1.8750	
29	\$ 1.9750	\$ 2.0750		\$ 2.0850		29	\$ 1.6400	\$ 1.7350		\$ 1.8500	
30	\$ 1.9750	\$ 2.3250		\$ 2.0850		30		\$ 1.7550		\$ 1.8500	
31		\$ 2.2300		\$ 2.0850		31		\$ 1.8300			
TOTAL	\$ 60.8600	\$ 56.2450		\$ 69.2250		TOTAL	\$ 55.6050	\$ 51.5050		\$ 54.7850	
POSTINGS	30	31		31		POSTINGS	29	31		30	
AVERAGE	\$ 2.0287	\$ 1.8144		\$ 2.2331		AVERAGE	\$ 1.9174	\$ 1.6615		\$ 1.8262	

MAY 2016			JUNE 2016			JULY 2016			AUGUST 2016			SEPTEMBER 2016			OCTOBER 2016		
DAY	MIDPOINT		MIDPOINT		MIDPOINT	DAY	MIDPOINT		MIDPOINT		MIDPOINT		MIDPOINT		MIDPOINT		
1	\$ 1.8250		\$ 2.0600		\$ 2.8500	1	\$ 2.8650		\$ 2.8650		\$ 2.8000		\$ 2.8000		\$ 2.8000		
2	\$ 1.8250		\$ 2.2000		\$ 2.8150	2	\$ 2.8250		\$ 2.8250		\$ 2.8000		\$ 2.8000		\$ 2.8000		
3	\$ 1.8450		\$ 2.2400		\$ 2.8150	3	\$ 2.7500		\$ 2.7800		\$ 2.8000		\$ 2.8000		\$ 2.8000		
4	\$ 1.8750		\$ 2.2200		\$ 2.8150	4	\$ 2.8250		\$ 2.7800		\$ 2.8050		\$ 2.8050		\$ 2.8050		
5	\$ 1.9500		\$ 2.2200		\$ 2.8150	5	\$ 2.8300		\$ 2.7800		\$ 2.8350		\$ 2.8350		\$ 2.8350		
6	\$ 1.8750		\$ 2.2200		\$ 2.7600	6	\$ 2.7750		\$ 2.7800		\$ 2.8650		\$ 2.8650		\$ 2.8650		
7	\$ 1.7650		\$ 2.2600		\$ 2.7300	7	\$ 2.7750		\$ 2.7800		\$ 2.9550		\$ 2.9550		\$ 2.9550		
8	\$ 1.7650		\$ 2.2450		\$ 2.7900	8	\$ 2.7750		\$ 2.7600		\$ 2.9100		\$ 2.9100		\$ 2.9100		
9	\$ 1.7650		\$ 2.3000		\$ 2.7250	9	\$ 2.7150		\$ 2.8000		\$ 2.9100		\$ 2.9100		\$ 2.9100		
10	\$ 1.8900		\$ 2.2950		\$ 2.7250	10	\$ 2.6850		\$ 2.8750		\$ 2.9100		\$ 2.9100		\$ 2.9100		
11	\$ 1.9500		\$ 2.3850		\$ 2.7250	11	\$ 2.6100		\$ 2.8750		\$ 3.1050		\$ 3.1050		\$ 3.1050		
12	\$ 1.9300		\$ 2.3850		\$ 2.7650	12	\$ 2.5700		\$ 2.8750		\$ 3.1000		\$ 3.1000		\$ 3.1000		
13	\$ 1.9300		\$ 2.3850		\$ 2.7050	13	\$ 2.6250		\$ 2.9450		\$ 3.1150		\$ 3.1150		\$ 3.1150		
14	\$ 1.8650		\$ 2.5000		\$ 2.7500	14	\$ 2.6250		\$ 2.9950		\$ 3.0950		\$ 3.0950		\$ 3.0950		
15	\$ 1.8650		\$ 2.4900		\$ 2.7250	15	\$ 2.6250		\$ 2.9800		\$ 3.0850		\$ 3.0850		\$ 3.0850		
16	\$ 1.8650		\$ 2.5600		\$ 2.6450	16	\$ 2.6450		\$ 2.9050		\$ 3.0850		\$ 3.0850		\$ 3.0850		
17	\$ 1.8250		\$ 2.5200		\$ 2.6450	17	\$ 2.6250		\$ 2.9350		\$ 3.0850		\$ 3.0850		\$ 3.0850		
18	\$ 1.8800		\$ 2.5350		\$ 2.6450	18	\$ 2.6300		\$ 2.9350		\$ 3.0850		\$ 3.0850		\$ 3.0850		
19	\$ 1.8150		\$ 2.5350		\$ 2.7550	19	\$ 2.6300		\$ 2.9350		\$ 3.1450		\$ 3.1450		\$ 3.1450		
20	\$ 1.7150		\$ 2.5350		\$ 2.7550	20	\$ 2.5900		\$ 2.9650		\$ 3.0800		\$ 3.0800		\$ 3.0800		
21	\$ 1.7450		\$ 2.6550		\$ 2.6600	21	\$ 2.5900		\$ 3.0650		\$ 3.0000		\$ 3.0000		\$ 3.0000		
22	\$ 1.7450		\$ 2.7100		\$ 2.6650	22	\$ 2.5900		\$ 3.1100		\$ 2.7550		\$ 2.7550		\$ 2.7550		
23	\$ 1.7450		\$ 2.7250		\$ 2.7350	23	\$ 2.6450		\$ 3.1000		\$ 2.7550		\$ 2.7550		\$ 2.7550		
24	\$ 1.9100		\$ 2.6300		\$ 2.7350	24	\$ 2.6800		\$ 3.0300		\$ 2.7550		\$ 2.7550		\$ 2.7550		
25	\$ 1.8250		\$ 2.6250		\$ 2.7350	25	\$ 2.7650		\$ 3.0300		\$ 2.6650		\$ 2.6650		\$ 2.6650		
26	\$ 1.7400		\$ 2.6250		\$ 2.7750	26	\$ 2.8000		\$ 3.0300		\$ 2.6350		\$ 2.6350		\$ 2.6350		
27	\$ 1.7350		\$ 2.6250		\$ 2.6750	27	\$ 2.8200		\$ 3.0250		\$ 2.6550		\$ 2.6550		\$ 2.6550		
28	\$ 1.8600		\$ 2.6800		\$ 2.7200	28	\$ 2.8200		\$ 2.9950		\$ 2.6450		\$ 2.6450		\$ 2.6450		
29	\$ 1.8600		\$ 2.7950		\$ 2.7150	29	\$ 2.8200		\$ 2.9350		\$ 2.6250		\$ 2.6250		\$ 2.6250		
30	\$ 1.8600		\$ 2.8400		\$ 2.7150	30	\$ 2.9000		\$ 2.9050		\$ 2.6250		\$ 2.6250		\$ 2.6250		
31	\$ 1.8600				\$ 2.7150	31	\$ 2.8950				\$ 2.6250		\$ 2.6250		\$ 2.6250		
TOTAL	\$ 56.9050		\$ 74.0000		\$ 84.8000	TOTAL	\$ 84.3200		\$ 87.5950		\$ 89.3100		\$ 89.3100		\$ 89.3100		
POSTINGS	31		30		31	POSTINGS	31		30		31		31		31		
AVERAGE	\$ 1.8356		\$ 2.4667		\$ 2.7355	AVERAGE	\$ 2.7200		\$ 2.9198		\$ 2.8810		\$ 2.8810		\$ 2.8810		

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

**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	15	16	
LATERAL CAPACITY AND FIRM MAINLINE RECEIPT POINT CAPACITY																	
CONTRACTS	ZONE	WINTER SEASON							SUMMER SEASON							SUM OF COL. 8-14	ALLOCATION PERCENTAGE*
		NOV. 15	DEC. 15	JAN. 16	FEB. 16	MAR. 16	SUM OF COL. 1-5	APR. 16	MAY 16	JUN. 16	JUL. 16	AUG. 16	SEP. 16	OCT. 16			
TGT-NNS-29781	SL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	1	100,714	100,714	100,714	100,714	100,714	503,570	37,830	37,830	37,830	37,830	37,830	37,830	37,830	37,830	37,830	84.00%
	4	85,483	85,483	85,483	85,483	85,483	427,405	43,542	43,542	23,542	23,542	23,542	23,542	23,542	204,784	15.00%	
	TOTAL	186,207	186,207	186,207	186,207	186,207	931,035	81,372	81,372	81,372	81,372	81,372	81,372	81,372	569,904	100.00%	
TGT-FT-29909	SL	0	0	0	0	0	0	149	149	149	149	149	149	149	149	1,043	1.20%
	1	1,900	1,900	1,900	1,900	1,900	8,500	2,266	2,266	2,266	2,266	2,266	2,266	2,266	2,266	15,862	18.25%
	4	10,000	10,000	10,000	10,000	10,000	50,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000	80.55%	
	TOTAL	11,900	11,900	11,900	11,900	11,900	59,500	12,415	12,415	12,415	12,415	12,415	12,415	12,415	86,905	100.00%	
TGT-FT-34951	SL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	4	0	0	0	0	0	0	0	0	60,000	60,000	60,000	60,000	60,000	300,000	100.00%	
	TOTAL	0	0	0	0	0	0	0	0	60,000	60,000	60,000	60,000	60,000	300,000	100.00%	
TGT-STF-32581	SL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	1	0	0	0	0	0	0	3,420	3,420	3,420	3,420	3,420	3,420	3,420	23,540	15.97%	
	4	0	0	0	0	0	0	18,000	18,000	18,000	18,000	18,000	18,000	18,000	125,000	84.03%	
	TOTAL	0	0	0	0	0	0	21,420	21,420	21,420	21,420	21,420	21,420	21,420	148,540	100.00%	
TGT-STF-34819	SL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	1	0	100	30,000	0	0	30,100	0	0	0	0	0	0	0	0	0	0.00%
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
	TOTAL	0	100	30,000	0	0	30,100	0	0	0	0	0	0	0	0	0	0.00%
TGPL-FT-A-111110	0	20,000	20,000	20,000	20,000	20,000	100,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000	100.00%	
	1	0	0	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	100,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	140,000	100.00%	

COLUMN	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CONTRACTS	WINTER SEASON QUANTITY ENTITLEMENT	ZONE	WINTER ALLOCATION PERCENT (COL. 7)	TEXAS GAS SZFOE			TENNESSEE SZFOE		TOTAL	SUMMER SEASON QUANTITY ENTITLEMENT	ZONE	SUMMER ALLOCATION PERCENT (COL. 18)	TEXAS GAS SZFOE			TENNESSEE SZFOE		TOTAL
				ZONE 1 (C.17 x C.19)	ZONE 4 (C.17 x C.19)	ZONE 0 (C.17 x C.19)	ZONE 0 (C.17 x C.19)	ZONE 1 (C.17 x C.19)					ZONE 4 (C.26 x C.28)	ZONE 0 (C.26 x C.28)	ZONE 0 (C.26 x C.28)	ZONE 1 (C.26 x C.28)		
TGT-NNS-29781	26,220,000	SL	0.00%	0	14,182,398	12,037,602	0	0	6,292,000	SL	0.00%	0	0	5,311,026	2,980,874	0	0	0
		1	54.09%							1	64.05%							
		4	45.91%							4	35.95%							
TGT-FT-29909	1,520,000	SL	0.00%	0	242,744	1,277,256	0	0	2,140,000	SL	1.20%	25,880	390,550	1,723,770	0	0	0	0
		1	15.87%							1	18.25%							
		4	84.03%							4	80.55%							
TGT-FT-34951	0	SL	0.00%	0	0	0	0	0	9,180,000	SL	0.00%	0	0	0	8,160,000	0	0	0
		1	0.00%							1	0.00%							
		4	0.00%							4	100.00%							
TGT-STF-32581	0	SL	0.00%	0	0	0	0	0	3,852,000	SL	0.00%	0	815,164	3,236,836	0	0	0	0
		1	0.00%							1	15.97%							
		4	0.00%							4	84.03%							
TGT-STF-34819	933,100	SL	0.00%	0	933,100	0	0	0	0	SL	0.00%	0	0	0	0	0	0	0
		1	100.00%							1	0.00%							
		4	0.00%							4	0.00%							
TGPL-FT-A-111110	3,040,000	0	100.00%	0	0	0	3,040,000	0	4,280,000	0	100.00%	0	0	0	4,280,000	0	0	0
		1	0.00%							1	0.00%							
TOTALS	31,713,100			0	15,358,242	13,314,668	3,040,000	0	31,713,100			27,744,000	25,880	8,316,740	17,121,560	4,280,000	0	27,744,000
SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENT**			0.00%	48.43%	41.96%	9.58%	0.00%	100.00%				0.09%	22.77%	61.71%	15.43%	0.00%	100.00%	

* ALLOCATION PERCENTAGE EQUALS TOTAL ZONE CAPACITY UNDER EACH CONTRACT DIVIDED BY TOTAL CAPACITY UNDER EACH CONTRACT.
 **THE WINTER SEASON SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL.20, 21, 22, 23, OR 24 BY THE TOTAL OF COL. 17.
 ***THE SUMMER SEASON SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL.29, 30, 31, 32, OR 33 BY THE TOTAL OF COL. 28.

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	58	59	60	61
MONTH	NNS			TOTAL
	CALC. OF DIRECT BILLS		TOTAL	NNS
	CASH-		S&DB	BMGTC
	OUT	OTHER	(0+58+59)	4+7+60
NOV. 15	\$0	\$0	\$2,726	\$2,446,484
DEC. 15	\$0	\$0	\$2,062	\$2,484,148
JAN. 16	(\$24,370)	\$0	(\$22,032)	\$2,482,181
FEB. 16	\$0	\$0	\$2,052	\$2,338,752
MAR. 16	\$0	\$0	\$1,468	\$2,466,871
APR. 16	\$0	\$0	\$800	\$1,280,708
MAY 16	\$0	\$0	\$550	\$804,019
JUN. 16	\$0	\$0	\$631	\$782,515
JUL. 16	\$0	\$0	\$417	\$708,028
AUG. 16	\$0	\$0	\$1,584	\$850,408
SEP. 16	\$0	\$0	\$1,748	\$832,674
OCT. 16	\$0	\$0	\$1,217	\$1,578,650
TOTAL	(\$24,370)	\$0	(\$8,795)	\$19,135,237

COLUMN	62	63	64	65
MONTH	FT			TOTAL FT
	CALC. OF DIRECT BILLS		TOTAL S&DB	BMGTC
	CASH-		(25+62+63)	(13+22+64)
	OUT	OTHER	63	64
NOV. 15	\$0	\$0	\$420	\$109,781
DEC. 15	\$0	\$0	\$132	\$102,308
JAN. 16	\$0	\$0	\$324	\$109,483
FEB. 16	\$0	\$0	\$255	\$100,817
MAR. 16	\$0	\$0	\$433	\$113,541
APR. 16	\$0	\$0	\$0	\$94,260
MAY 16	\$0	\$0	\$427	\$113,327
JUN. 16	\$0	\$0	\$420	\$109,920
JUL. 16	\$0	\$0	\$428	\$113,369
AUG. 16	\$0	\$0	\$434	\$113,584
SEP. 16	\$0	\$0	\$420	\$109,920
OCT. 16	\$0	\$0	\$401	\$113,487
TOTAL	\$0	\$0	\$4,064	\$1,303,595

COLUMN	66	67	68	69
MONTH	FT BACKHAUL			TOTAL FT BACKHAUL
	CALC. OF DIRECT BILLS		TOTAL S&DB	BMGTC
	CASH-		(41+66+67)	(29+38+68)
	OUT	OTHER	67	68
NOV. 15	\$0	\$0	\$0	\$0
DEC. 15	\$0	\$0	\$0	\$0
JAN. 16	\$0	\$0	\$0	\$0
FEB. 16	\$0	\$0	\$0	\$0
MAR. 16	\$0	\$0	\$0	\$0
APR. 16	\$0	\$0	\$0	\$0
MAY 16	\$0	\$0	\$0	\$0
JUN. 16	\$0	\$0	\$6	\$247,489
JUL. 16	\$0	\$0	\$802	\$279,663
AUG. 16	\$0	\$0	\$860	\$278,550
SEP. 16	\$0	\$0	\$833	\$289,585
OCT. 16	\$0	\$0	\$799	\$278,489
TOTAL	\$0	\$0	\$3,400	\$1,353,738

COLUMN	70	71	72	73
MONTH	STF			TOTAL STF
	CALC. OF DIRECT BILLS		TOTAL S&DB	BMGTC
	CASH-		(41+50+71)	(45+54+72)
	OUT	OTHER	51	72
NOV. 15	\$0	\$0	\$0	\$0
DEC. 15	\$0	\$0	\$0	\$1,318
JAN. 16	\$0	\$0	\$897	\$428,899
FEB. 16	\$0	\$0	\$0	\$0
MAR. 16	\$0	\$0	\$0	\$0
APR. 16	\$0	\$0	\$0	\$99,738
MAY 16	\$0	\$0	\$91	\$108,447
JUN. 16	\$0	\$0	\$758	\$127,928
JUL. 16	\$0	\$0	\$772	\$131,541
AUG. 16	\$0	\$0	\$781	\$132,190
SEP. 16	\$0	\$0	\$758	\$127,928
OCT. 16	\$0	\$0	\$723	\$132,021
TOTAL	\$0	\$0	\$4,776	\$1,288,308

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

COLUMN 74

MONTH	TOTAL BM(TGT) (01+05+09+73)
NOV. 15	\$2,556,205
DEC. 15	\$2,597,772
JAN. 16	\$3,020,563
FEB. 16	\$2,436,369
MAR. 16	\$2,560,212
APR. 16	\$1,454,704
MAY 16	\$1,023,793
JUN. 16	\$1,267,630
JUL. 16	\$1,322,901
AUG. 16	\$1,374,733
SEP. 16	\$1,340,085
OCT. 16	\$2,102,647
TOTAL	\$23,080,874

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

COLUMN	116		117		118		119	
	SUMMARY OF PIPELINE BENCHMARKS							
	TOTAL BM(TGT) COL. 74	TOTAL BM(TGPL) COL. 115	TOTAL BM(TGT) COL. 74	TOTAL BM(TGPL) COL. 115	TOTAL BM.PPL.*	TABMGTC (116+117+118)		
NOV. 15	\$2,556,265	\$337,857	\$0	\$0	\$0	\$2,894,122		
DEC. 15	\$2,597,772	\$326,853	\$0	\$0	\$0	\$2,924,625		
JAN. 16	\$3,020,563	\$341,994	\$0	\$0	\$0	\$3,362,557		
FEB. 16	\$2,439,369	\$332,023	\$0	\$0	\$0	\$2,771,392		
MAR. 16	\$2,590,212	\$321,801	\$0	\$0	\$0	\$2,912,013		
APR. 16	\$1,454,704	\$313,024	\$0	\$0	\$0	\$1,767,728		
MAY 16	\$1,023,793	\$311,512	\$0	\$0	\$0	\$1,335,305		
JUN. 16	\$1,267,830	\$334,364	\$0	\$0	\$0	\$1,602,194		
JUL. 16	\$1,322,901	\$334,416	\$0	\$0	\$0	\$1,657,317		
AUG. 16	\$1,374,733	\$331,841	\$0	\$0	\$0	\$1,706,574		
SEP. 16	\$1,340,085	\$328,001	\$0	\$0	\$0	\$1,668,086		
OCT. 16	\$2,102,647	\$332,626	\$0	\$0	\$0	\$2,435,273		
TOTAL	\$23,050,874	\$3,946,312	\$0	\$0	\$0	\$27,027,186		

*THERE WERE NO TRANSACTIONS WHICH
 REQUIRED LG&E TO USE PIPELINE SERVICES
 OTHER THAN THOSE IT HAD UNDER CONTRACT.
 THEREFORE, NO PROXY PIPELINE BENCHMARK
 HAS BEEN CALCULATED.

**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
MONTH	ACTUAL PIPELINE TRANSPORTATION COSTS - TEXAS GAS	ACTUAL ANNUAL GAS TRANSPORT. COSTS - TENNESSEE	TOTAL ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("TAAGTC") (1 + 2)
NOV. 15	\$2,514,231	\$178,425	\$2,692,656
DEC. 15	\$2,561,026	\$167,421	\$2,728,447
JAN. 16	\$2,979,583	\$182,562	\$3,162,145
FEB. 16	\$2,402,095	\$172,591	\$2,574,686
MAR. 16	\$2,536,838	\$162,169	\$2,699,007
APR. 16	\$1,408,444	\$153,592	\$1,562,036
MAY 16	\$964,598	\$152,480	\$1,117,078
JUN. 16	\$1,195,697	\$174,932	\$1,370,629
JUL. 16	\$1,248,696	\$174,984	\$1,423,680
AUG. 16	\$1,300,198	\$172,209	\$1,472,407
SEP. 16	\$1,267,953	\$168,569	\$1,436,522
OCT. 16	\$2,028,216	\$173,194	\$2,201,410
TOTAL	\$22,407,575	\$2,033,128	\$24,440,703

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. 15	\$2,894,122	\$2,692,656	\$201,466
DEC. 15	\$2,924,625	\$2,728,447	\$196,178
JAN. 16	\$3,362,557	\$3,162,145	\$200,412
FEB. 16	\$2,771,392	\$2,574,686	\$196,706
MAR. 16	\$2,901,813	\$2,699,007	\$202,806
APR. 16	\$1,767,728	\$1,562,036	\$205,692
MAY 16	\$1,335,705	\$1,117,078	\$218,627
JUN. 16	\$1,602,194	\$1,370,629	\$231,565
JUL. 16	\$1,657,317	\$1,423,680	\$233,637
AUG. 16	\$1,706,374	\$1,472,407	\$233,967
SEP. 16	\$1,668,086	\$1,436,522	\$231,564
OCT. 16	\$2,435,273	\$2,201,410	\$233,863
TOTAL	\$27,027,186	\$24,440,703	\$2,586,483

**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
Zone SL	
Daily Demand	0.1800
Commodity	0.0253
Overrun	0.2053
Zone 1	
Daily Demand	0.2782
Commodity	0.0431
Overrun	0.3213
Zone 2	
Daily Demand	0.3088
Commodity	0.0460
Overrun	0.3548
Zone 3	
Daily Demand	0.3543
Commodity	0.0490
Overrun	0.4033
Zone 4	
Daily Demand	0.4190
Commodity	0.0614
Overrun	0.4804

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

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.

**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.

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

	Base Tariff Rates
SL-SL	0.0104
SL-1	0.0355
SL-2	0.0399
SL-3	0.0445
SL-4	0.0528
1-1	0.0337
1-2	0.0385
1-3	0.0422
1-4	0.0508
2-2	0.0323
2-3	0.0360
2-4	0.0446
3-3	0.0312
3-4	0.0398
4-4	0.0360

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

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.

**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>
	Currently Effective Rates [1]	Currently Effective Rates [1]
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.

PBR-TIF
TENNESSEE TARIFF SHEETS
RATE FT-A

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959	
L		\$4.9193							
1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878	
2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830	
3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437	
4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265	
5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353	
6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237	

Daily Base Reservation Rate 1/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626	
L		\$0.1617							
1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769	
2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841	
3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223	
4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672	
5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346	
6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553	

Maximum Reservation Rates 2 /, 3 /		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5609		\$11.5992	\$15.5956	\$15.8712	\$17.4373	\$18.5077	\$23.2157	
L		\$4.9391							
1	\$8.3615		\$8.0160	\$10.6611	\$15.0943	\$14.8658	\$16.7627	\$20.6076	
2	\$15.5957		\$10.5972	\$5.5212	\$5.1625	\$6.6001	\$9.0702	\$11.7028	
3	\$15.8712		\$8.3982	\$5.5656	\$4.0207	\$6.1655	\$11.1347	\$12.8635	
4	\$20.1457		\$18.5742	\$7.0906	\$10.7654	\$5.2796	\$5.7082	\$8.1463	
5	\$24.0171		\$16.8823	\$7.4370	\$8.9946	\$5.8630	\$5.5008	\$7.1551	
6	\$27.7801		\$19.3876	\$13.3494	\$14.7043	\$10.3924	\$5.4766	\$4.7435	

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 \$0.0198.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959	
L		\$4.9193							
1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878	
2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830	
3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437	
4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265	
5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353	
6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237	

Daily Base Reservation Rate 1/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626	
L		\$0.1617							
1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769	
2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841	
3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223	
4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672	
5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346	
6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553	

Maximum Reservation Rates 2/, 3/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$5.5814		\$11.6197	\$15.6161	\$15.8917	\$17.4578	\$18.5282	\$23.2362	
L		\$4.9596							
1	\$8.3820		\$8.0365	\$10.6816	\$15.1148	\$14.8863	\$16.7832	\$20.6281	
2	\$15.6162		\$10.6177	\$5.5417	\$5.1830	\$6.6206	\$9.0907	\$11.7233	
3	\$15.8917		\$8.4187	\$5.5861	\$4.0412	\$6.1860	\$11.1552	\$12.8840	
4	\$20.1662		\$18.5947	\$7.1111	\$10.7859	\$5.3001	\$5.7287	\$8.1668	
5	\$24.0376		\$16.9028	\$7.4575	\$9.0151	\$5.8835	\$5.5213	\$7.1756	
6	\$27.8006		\$19.4081	\$13.3699	\$14.7248	\$10.4129	\$5.4971	\$4.7640	

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 \$0.0403.

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	\$0.2668	\$0.2546	\$0.3030
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0039		\$0.0122	\$0.0184	\$0.0226	\$0.2675	\$0.2553	\$0.3037
L		\$0.0019						
1	\$0.0049		\$0.0088	\$0.0154	\$0.0186	\$0.2276	\$0.2320	\$0.2648
2	\$0.0174		\$0.0094	\$0.0019	\$0.0035	\$0.0741	\$0.1185	\$0.1312
3	\$0.0214		\$0.0176	\$0.0033	\$0.0009	\$0.0989	\$0.1365	\$0.1489
4	\$0.0257		\$0.0212	\$0.0094	\$0.0112	\$0.0461	\$0.0649	\$0.1048
5	\$0.0291		\$0.0263	\$0.0107	\$0.0125	\$0.0646	\$0.0640	\$0.0794
6	\$0.0353		\$0.0307	\$0.0150	\$0.0170	\$0.0991	\$0.0540	\$0.0331

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 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.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0007.

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	\$0.2668	\$0.2546	\$0.3030
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.2641
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.1305
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.1482
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.1041
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0639	\$0.0633	\$0.0787
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0984	\$0.0533	\$0.0324

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0047		\$0.0130	\$0.0192	\$0.0234	\$0.2683	\$0.2561	\$0.3045
L		\$0.0027						
1	\$0.0057		\$0.0096	\$0.0162	\$0.0194	\$0.2284	\$0.2328	\$0.2656
2	\$0.0182		\$0.0102	\$0.0027	\$0.0043	\$0.0749	\$0.1193	\$0.1320
3	\$0.0222		\$0.0184	\$0.0041	\$0.0017	\$0.0997	\$0.1373	\$0.1497
4	\$0.0265		\$0.0220	\$0.0102	\$0.0120	\$0.0469	\$0.0657	\$0.1056
5	\$0.0299		\$0.0271	\$0.0115	\$0.0133	\$0.0654	\$0.0648	\$0.0802
6	\$0.0361		\$0.0315	\$0.0158	\$0.0178	\$0.0999	\$0.0548	\$0.0339

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 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.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0015.

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	0.35%		1.05%	1.56%	1.91%	2.28%	2.57%	3.05%
	L		0.18%						
	1	0.44%		0.77%	1.32%	1.58%	1.93%	2.34%	2.66%
	2	1.56%		0.82%	0.18%	0.32%	0.58%	0.97%	1.30%
	3	1.91%		1.58%	0.32%	0.10%	0.80%	1.14%	1.50%
	4	2.28%		1.80%	0.81%	0.97%	0.33%	0.50%	0.85%
	5	2.64%		2.39%	0.97%	1.15%	0.49%	0.49%	0.62%
	6	3.14%		2.66%	1.31%	1.50%	0.80%	0.39%	0.21%

EPCR 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0025		\$0.0095	\$0.0147	\$0.0183	\$0.0221	\$0.0251	\$0.0301
	L		\$0.0008						
	1	\$0.0033		\$0.0067	\$0.0122	\$0.0149	\$0.0185	\$0.0227	\$0.0260
	2	\$0.0147		\$0.0072	\$0.0008	\$0.0022	\$0.0048	\$0.0087	\$0.0120
	3	\$0.0183		\$0.0149	\$0.0022	\$0.0000	\$0.0070	\$0.0104	\$0.0138
	4	\$0.0221		\$0.0171	\$0.0071	\$0.0086	\$0.0023	\$0.0040	\$0.0075
	5	\$0.0251		\$0.0227	\$0.0087	\$0.0104	\$0.0039	\$0.0039	\$0.0052
	6	\$0.0301		\$0.0260	\$0.0120	\$0.0138	\$0.0070	\$0.0029	\$0.0011

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.05%.
- 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 0.05%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	0.48%		1.05%	1.46%	1.75%	2.05%	2.29%	2.68%
	L		0.35%						
	1	0.55%		0.82%	1.26%	1.48%	1.77%	2.09%	2.36%
	2	1.46%		0.86%	0.34%	0.46%	0.67%	0.99%	1.26%
	3	1.75%		1.48%	0.46%	0.28%	0.85%	1.12%	1.41%
	4	2.05%		1.65%	0.86%	0.98%	0.47%	0.60%	0.88%
	5	2.33%		2.09%	0.99%	1.13%	0.60%	0.59%	0.70%
	6	2.74%		2.36%	1.26%	1.41%	0.84%	0.52%	0.37%

EPCR 3/, 4/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0049		\$0.0189	\$0.0292	\$0.0363	\$0.0439	\$0.0499	\$0.0599
	L		\$0.0016						
	1	\$0.0066		\$0.0132	\$0.0242	\$0.0296	\$0.0368	\$0.0451	\$0.0518
	2	\$0.0292		\$0.0142	\$0.0015	\$0.0043	\$0.0095	\$0.0174	\$0.0238
	3	\$0.0363		\$0.0296	\$0.0043	\$0.0000	\$0.0139	\$0.0206	\$0.0275
	4	\$0.0439		\$0.0340	\$0.0141	\$0.0172	\$0.0045	\$0.0079	\$0.0148
	5	\$0.0499		\$0.0451	\$0.0174	\$0.0206	\$0.0078	\$0.0077	\$0.0103
	6	\$0.0599		\$0.0518	\$0.0238	\$0.0275	\$0.0138	\$0.0058	\$0.0021

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.26%.
- 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 0.26%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.

**FERC ACA UNIT CHARGE
EFFECTIVE OCTOBER 1, 2015**

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2015 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 25, 2015

The annual charges unit charge (ACA) to be applied to in fiscal year 2016 for recovery of FY 2015 Current year and 2014 True-Up is **\$0.0014** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2015.

The following calculations were used to determine the FY 2015 unit charge:

2015 CURRENT:

Estimated Program Cost \$61,912,000 divided by 44,605,342,976 Dth = 0.0013879952

2014 TRUE-UP:

Debit/Credit Cost (\$643,382) divided by 42,469,337,988 Dth = (0.0000151493)

TOTAL UNIT CHARGE = 0.0013728458

If you have any questions, please contact Norman Richardson at (202)502-6219 or e-mail at Norman.Richardson@ferc.gov.

PUBLIC

**FERC ACA UNIT CHARGE
EFFECTIVE OCTOBER 1, 2016**

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2016 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 24, 2016

The annual charges unit charge (ACA) to be applied to in fiscal year 2017 for recovery of FY 2016 Current year and 2015 True-Up is **\$0.0013** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2016.

The following calculations were used to determine the FY 2016 unit charge:

2016 CURRENT:

Estimated Program Cost \$60,356,000 divided by 46,470,081,828 Dth = 0.0012988142

2015 TRUE-UP:

Debit/Credit Cost (\$892,042) divided by 44,588,799,565 Dth = (0.0000200060)

TOTAL UNIT CHARGE = 0.0012788082

If you have any questions, please contact Norman Richardson at (202)502-6219 or e-mail at Norman.Richardson@ferc.gov.

PUBLIC

**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	NET REVENUE ("NR") (1 - 6)
		GAS COSTS ("GC")	TRANSPORT COSTS ("TC")	STORAGE COSTS ("SC")	OTHER COSTS	OOPC	
NOV. 15	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DEC. 15	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAN. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FEB. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAR. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
APR. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAY 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUN. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JUL. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AUG. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEP. 16	\$183,900	\$165,600	\$0	\$0	\$0	\$165,600	\$18,300
OCT. 16	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$183,900	\$165,600	\$0	\$0	\$0	\$165,600	\$18,300

**CSPBR
CALCULATION OF COMPANY SHARE OF
PERFORMANCE-BASED RATEMAKING
SAVINGS OR EXPENSES**

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES
 (CSPBR)

(1)	(2)	(3)	(4)		(5)	(6)	(7)
<u>Total Gas Supply Cost Performance-Based Ratemaking Savings</u>					<u>Benchmarked Gas Costs</u>		<u>PTAGSC</u>
			Demand/Commodity Allocation				<u>(Col. 3 / 6)</u>
			<u>Demand</u>	<u>Commodity</u>			
Gas Acquisition Index Factor					Actual Gas Costs		
GAIF							
	Demand	\$0	0.00%				
	Commodity	<u>\$1,247,474</u>	32.38%				
	Total	\$1,247,474			AGC	\$72,317,573	
Transportation Index Factor					Actual Transportation Costs		
TIF							
	Demand	\$2,409,158	62.54%				
	Commodity	<u>\$177,325</u>	4.60%				
	Total	\$2,586,483			TAAGTC	\$24,440,703	
Off-System Sales Index Factor							
OSSIF							
	Demand	\$0					
	Commodity	<u>\$18,300</u>	0.48%				
	Total	\$18,300					
Total All PBR Factors					Total Actual Gas Supply Costs		
	Demand	\$2,409,158					
	Commodity	<u>\$1,443,099</u>					
TPBRR		<u>\$3,852,257</u>	<u>62.54%</u>	<u>37.46%</u>	TAGSC	<u>\$96,758,276</u>	3.98%

LOUISVILLE GAS AND ELECTRIC COMPANY
 CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES
 (CSPBR)

	Total PBR Results (TPBRR)	Company Sharing Company	Customer Sharing Percentage	Customer Portion	Company Portion	Total
25/75 Company/Customer Sharing Up to 3.0% of TAGSC	\$2,902,748	25%	75%	\$2,177,061	\$725,687	\$2,902,748
50/50 Company/Customer Sharing in Excess of 3.0% of TAGSC	<u>\$949,509</u>	50%	50%	<u>\$474,755</u>	<u>\$474,754</u>	<u>\$949,509</u>
	<u><u>\$3,852,257</u></u>			<u><u>\$2,651,816</u></u>	<u><u>\$1,200,441</u></u>	<u><u>\$3,852,257</u></u>
Portion of Company Savings Attributable to Demand Costs		62.54%			\$750,756	
Portion of Company Savings Attributable to Commodity Costs		<u>37.46%</u>			\$449,685	
Total Company Portion of Savings		<u><u>100.00%</u></u>		CSPBR	<u><u>\$1,200,441</u></u>	