

LIBERTY UTILITIES - KEENE DIVISION

CONVERSION OF GAS COSTS - GALLONS TO THERMS  
WINTER PERIOD 2016 - 2017

	(1)	(2)	(3)	(4)	(5)	(6)
			<u>VOLUMES</u>		<u>UNIT COST</u>	
	<u>UNIT</u>	<u>CONVERSION FACTOR</u>	<u>GALLONS</u>	<u>THERMS</u>	<u>PER GALLON</u>	<u>PER THERM</u>
PROPANE FROM INVENTORY	GALLONS	0.91502	1,276,832	1,168,327	\$0.7919	\$0.8655

## LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
WINTER PERIOD 2016 - 2017

	PRIOR	Nov 16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		141,346	201,076	269,682	233,328	182,406	112,281	1,140,119
2 COMPANY USE		3,453	4,394	6,434	5,845	4,302	3,780	28,208
3 TOTAL SENDOUT		144,799	205,470	276,116	239,173	186,708	116,061	1,168,327
4 * UNACCTED FOR VOLS INCLUDED		5,037	7,165	9,610	8,314	6,500	4,001	40,627
<u>COSTS</u>								
5 PROPANE SENDOUT FROM ABOVE		144,799	205,470	276,116	239,173	186,708	116,061	1,168,327
6 COST/THERM FROM SCHEDULE F		\$0.8589	\$0.8492	\$0.8424	\$0.8506	\$0.9056	\$0.9234	\$0.9718
7 FPO PREMIUM		(\$432)	(\$709)	(\$951)	(\$1,083)	(\$1,081)	(\$816)	(\$5,072)
8 DIRECT PROPANE PRODUCED COSTS		\$3,323	\$15,391	\$14,860	\$27,163	\$24,055	\$39,399	\$124,190
9 TOTAL PROPANE COSTS		\$127,264	\$189,165	\$246,503	\$229,527	\$192,061	\$145,756	\$1,130,275
<u>REVENUES</u>								
10 FIRM SALES (THERMS)		86,303	141,771	190,103	216,519	216,276	163,286	1,014,258
11 RATE/THERM PER TARIFF		\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152
12 TOTAL REVENUES		\$130,765	\$214,810	\$288,042	\$328,068	\$327,699	\$247,409	\$1,536,793
13 (OVER)/UNDER COLLECTION		(\$3,501)	(\$25,645)	(\$41,539)	(\$98,541)	(\$135,638)	(\$101,653)	(\$406,518)
14 INTEREST FROM SCHEDULE H		\$1,167	\$1,127	\$1,033	\$832	\$492	\$148	\$4,799
15 FINAL (OVER)/UNDER COLLECTION	\$401,719	(\$2,334)	(\$24,518)	(\$40,506)	(\$97,709)	(\$135,146)	(\$101,505)	\$0
TOTAL REVENUES INCLUDING FPO		\$131,197	\$215,519	\$288,993	\$329,151	\$328,780	\$248,225	

LIBERTY UTILITIES - KEENE DIVISION  
CALCULATION OF PURCHASED PROPANE COSTS  
WINTER PERIOD 2016 - 2017

LINE NO.		Nov 16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	TOTAL
1	TOTAL SENDOUT (GALLONS)	158,247	224,552	301,760	261,386	204,048	126,840	1,276,832
2	CHANGE TO ENDING INVENTORY BALANCE (GALLONS)	-	-	-	-	-	-	-
3	TOTAL REQUIRED PURCHASES (GALLONS)	158,247	224,552	301,760	261,386	204,048	126,840	1,276,832
4	<b><u>PROPANE PURCHASE STABILIZATION PLAN DELIVERIES</u></b>							
5	GALLONS	95,000	145,000	170,000	140,000	110,000	65,000	725,000
6	<b><u>RATES</u></b> - from Schedule D							
7	Contract Price	\$0.8399	\$0.8399	\$0.8399	\$0.8399	\$0.8399	\$0.8399	
8	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
9	Pipeline Fee	incl.	incl.	incl.	incl.	incl.	incl.	
10	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
11	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
12	COST PER GALLON	\$0.8399	\$0.8399	\$0.8399	\$0.8399	\$0.8399	\$0.8399	\$0.8399
13	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$79,791	\$121,786	\$142,783	\$117,586	\$92,389	\$54,594	\$608,929
14	<b><u>AMHERST STORAGE PROPANE DELIVERIES</u></b>							
15	GALLONS	-	65,572	98,359	76,501	10,929	-	
16	<b><u>RATES</u></b> - from Schedule F							
17	WACOG Price	\$0.0000	\$0.5663	\$0.5663	\$0.5663	\$0.5663	\$0.5662	
18	Trucking Fee	\$0.0430	\$0.0430	\$0.0430	\$0.0430	\$0.0430	\$0.0430	
19	COST PER GALLON	\$0.0430	\$0.6093	\$0.6093	\$0.6093	\$0.6093	\$0.6092	
20	TOTAL COST - Amherst Storage Propane Deliveries	\$0	\$39,953	\$59,930	\$46,612	\$6,659	\$0	
21	<b><u>SPOT PURCHASES</u></b>							
22	GALLONS	63,247	13,980	33,401	44,884	83,119	61,840	300,472
23	<b><u>RATES</u></b> - from Schedule E							
24	Mt. Belvieu Futures Price (09/10/15)	\$0.4931	\$0.4994	\$0.5056	\$0.5038	\$0.4944	\$0.4844	
25	Broker Fee	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	\$0.0100	
26	Pipeline Fee	\$0.2165	\$0.2165	\$0.2165	\$0.2165	\$0.2165	\$0.2165	
27	PERC Fee	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	
28	Supplier Charge	\$0.0900	\$0.0900	\$0.0900	\$0.0900	\$0.0900	\$0.0900	
29	Trucking Fee	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	
30	COST PER GALLON	\$0.8725	\$0.8788	\$0.8850	\$0.8831	\$0.8738	\$0.8638	\$0.8743
31	TOTAL COST - Spot Purchases	\$55,183	\$12,286	\$29,560	\$39,637	\$72,630	\$53,417	\$262,713
32	<b><u>OTHER ITEMS</u></b>							
33	Storage - Winter Period 2015-2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	Refund of Deferred Revenue Surcharge overcollection	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	TOTAL OTHER ITEMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	<b><u>TOTAL</u></b>							
37	GALLONS	158,247	224,552	301,760	261,386	204,048	126,840	1,276,832
38	THERMS	144,799	205,470	276,116	239,173	186,708	116,061	1,168,327
39	COST	\$134,974	\$174,025	\$232,273	\$203,835	\$171,678	\$108,011	\$1,024,796
40	COST PER GALLON	\$0.8529	\$0.7750	\$0.7697	\$0.7798	\$0.8414	\$0.8516	\$0.8026
41	COST PER THERM	\$0.9321	\$0.8470	\$0.8412	\$0.8522	\$0.9195	\$0.9306	\$0.8771

LIBERTY UTILITIES - KEENE DIVISION  
 PROPANE PURCHASING STABILIZATION PLAN  
 WINTER PERIOD 2016 - 2017

Line No.

*No changes to volumes from last year*

1	2 Delivery Month	3 Pre-Purchases (Gallons)						8 Total
		4 Apr-16	5 May-16	6 Jun-16	7 Jul-16	8 Aug-16	9 Sep-16	
2	Nov-16	19,000	14,250	14,250	19,000	14,250	14,250	95,000
3	Dec-16	29,000	21,750	21,750	29,000	21,750	21,750	145,000
4	Jan-17	34,000	25,500	25,500	34,000	25,500	25,500	170,000
5	Feb-17	28,000	21,000	21,000	28,000	21,000	21,000	140,000
6	Mar-17	22,000	16,500	16,500	22,000	16,500	16,500	110,000
7	Apr-17	13,000	9,750	9,750	13,000	9,750	9,750	65,000
8	Total	145,000	108,750	108,750	145,000	108,750	108,750	725,000
9	Monthly %	20.0%	15.0%	15.0%	20.0%	15.0%	15.0%	

11	Delivery Price per Gallon	\$0.8247	\$0.8353	\$0.8451	\$0.8466	\$0.8427	\$0.8403	
12	Total Cost	\$78,345	\$121,111	\$143,671	\$118,519	\$92,696	\$54,620	\$608,963
13	Weighted Average Winter Contract Price per gallon							<b>\$0.8399</b>
14	Weighted Average Winter Contract Price per therm							<b>\$0.9179</b>

LIBERTY UTILITIES - KEENE DIVISION  
 PROPANE SPOT MARKET PURCHASE COST ANALYSIS  
 WINTER PERIOD 2016 - 2017

		(1) Mt. Belvieu <sup>1</sup>	+	(2) Broker Fee	+	(3) Pipeline Rate <sup>2</sup>	+	(4) PERC Fee	+	(5) Supplier Charge	=	(6) Cost @ Selkirk	+	(7) Trucking to Keene <sup>3</sup>	=	(8) \$ per Gal.	=	(9) \$ per Therm
1	NOV	0.4931	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8136	+	0.0589	=	0.8725	=	0.9535
2	DEC	0.4994	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8199	+	0.0589	=	0.8788	=	0.9604
3	JAN	0.5056	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8261	+	0.0589	=	0.8850	=	0.9672
4	FEB	0.5038	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8242	+	0.0589	=	0.8831	=	0.9651
5	MAR	0.4944	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8149	+	0.0589	=	0.8738	=	0.9549
6	APR	0.4844	+	0.0100	+	0.2165	+	0.0040	+	0.0900	=	0.8049	+	0.0589	=	0.8638	=	0.9440

1. Propane futures market quotations (cmegroup.com) on 09/14/16 close. See Appendix 1.

2. Enterprise TE Products Pipeline Co., FERC tariff 54.29.0 effective 07/1/16. See Appendix 2.

3. Northern Gas Transport trucking rate including diesel fuel surcharge. See Appendix 3A & 3B.

LIBERTY UTILITIES - KEENE DIVISION

PROPANE INVENTORY & WEIGHTED AVERAGE COST OF GAS CALCULATION  
WINTER PERIOD 2016 - 2017

AMHERST STORAGE INVENTORY 254,000 GALLONS

LINE NO.		Rate				Rate			
		Therms	Cost	Therm	Gal.	Therms	Cost	Therm	Gal.
1	August 2016 (Actual)								
2	Beginning Balance	50,044	\$39,624	\$0.7918	\$0.7245				
3	Purchases Received	27,928	\$17,260	\$0.6180	\$0.5655				
4	Total Available	77,972	\$56,884	\$0.7295	\$0.6675				
5	Less Sendout	42,873	\$31,278	\$0.7296	\$0.6676				
6	Ending Balance	35,099	\$25,606	\$0.7295	\$0.6675				
7	September 2016 (Estimated)								
8	Beginning Balance	35,099	\$25,606	\$0.7295	\$0.6675				
9	Purchases Received	67,405	\$41,656	\$0.6180	\$0.5655				
10	Total Available	102,504	\$67,262	\$0.6562	\$0.6004				
11	Less Sendout	46,404	\$30,450	\$0.6562	\$0.6004				
12	Ending Balance	56,100	\$36,812	\$0.6562	\$0.6004				
13	October 2016 (Estimated)								
14	Beginning Balance	56,100	\$36,812	\$0.6562	\$0.6004				
15	Purchases Received	78,885	\$48,751	\$0.6180	\$0.5655				
16	Total Available	134,985	\$85,563	\$0.6339	\$0.5800				
17	Less Sendout	87,880	\$55,704	\$0.6339	\$0.5800				
18	Ending Balance	47,105	\$29,859	\$0.6339	\$0.5800				
19	November 2016 (Forecasted)								
20	Beginning Balance	47,105	\$29,859	\$0.6339	\$0.5800				
21	Purchases Received	144,799	\$134,974	\$0.9321	\$0.8529				
22	Total Available	191,904	\$164,833	\$0.8589	\$0.7859				
23	Less Sendout	144,799	\$124,373	\$0.8589	\$0.7859	\$0.8589	144,799	\$124,373	
24	Ending Balance	47,105	\$40,460	\$0.8589	\$0.7859				
25	December 2016 (Forecasted)								
26	Beginning Balance	47,105	\$40,460	\$0.8589	\$0.7859				
27	Purchases Received	205,470	\$174,025	\$0.8470	\$0.7750				
28	Total Available	252,575	\$214,485	\$0.8492	\$0.7770				
29	Less Sendout	205,470	\$174,483	\$0.8492	\$0.7770	\$0.8492	205,470	\$174,483	
30	Ending Balance	47,105	\$40,002	\$0.8492	\$0.7770				
31	January 2017 (Forecasted)								
32	Beginning Balance	47,105	\$40,002	\$0.8492	\$0.7770				
33	Purchases Received	276,116	\$232,273	\$0.8412	\$0.7697				
34	Total Available	323,221	\$272,275	\$0.8424	\$0.7708				
35	Less Sendout	276,116	\$232,594	\$0.8424	\$0.7708	\$0.8424	276,116	\$232,594	
36	Ending Balance	47,105	\$39,681	\$0.8424	\$0.7708				
37	February 2017 (Forecasted)								
38	Beginning Balance	47,105	\$39,681	\$0.8424	\$0.7708				
39	Purchases Received	239,173	\$203,835	\$0.8522	\$0.7798				
40	Total Available	286,278	\$243,516	\$0.8506	\$0.7783				
41	Less Sendout	239,173	\$203,447	\$0.8506	\$0.7783	\$0.8506	239,173	\$203,447	
42	Ending Balance	47,105	\$40,069	\$0.8506	\$0.7783				
43	March 2017 (Forecasted)								
44	Beginning Balance	47,105	\$40,069	\$0.8506	\$0.7783				
45	Purchases Received	186,708	\$171,678	\$0.9195	\$0.8414				
46	Total Available	233,813	\$211,747	\$0.9056	\$0.8287				
47	Less Sendout	186,708	\$169,087	\$0.9056	\$0.8287	\$0.9056	186,708	\$169,087	
48	Ending Balance	47,105	\$42,660	\$0.9056	\$0.8287				
49	April 2017 (Forecasted)								
50	Beginning Balance	47,105	\$42,660	\$0.9056	\$0.8287				
51	Purchases Received	116,061	\$108,011	\$0.9306	\$0.8516				
52	Total Available	163,166	\$150,671	\$0.9234	\$0.8449				
53	Less Sendout	116,061	\$107,173	\$0.9234	\$0.8449	\$0.9234	116,061	\$107,173	
54	Ending Balance	47,105	\$43,498	\$0.9234	\$0.8449				
55	AVERAGE WINTER RATE - SENDOUT			\$0.8655	1,168,327	\$1,011,157	AVERAGE WINTER RATE - SENDOUT		\$0.6189 230,000 \$142,338
56			FPO Premium (Sch. B, Line 7)		(\$5,072)				
57			Total Propane Cost - Sendout (Sch. B, Line 8)		\$1,006,085				

LIBERTY UTILITIES - KEENE DIVISION  
 PRIOR PERIOD (OVER)/UNDER COLLECTION  
 WINTER PERIOD 2015 - 2016

	<u>PRIOR</u>	<u>NOV-15</u>	<u>DEC-15</u>	<u>JAN-16</u>	<u>FEB-16</u>	<u>MAR-16</u>	<u>APR-16</u>	<u>TOTAL</u>
<u>COSTS</u>								
1	FIRM SENDOUT (therms)	120,961	149,302	232,345	209,470	147,856	112,543	972,477
2	COMPANY USE (therms)	3,453	4,394	6,434	5,845	4,302	3,780	28,208
3	TOTAL SENDOUT (therms)	124,414	153,696	238,779	215,315	152,158	116,323	1,000,685
4	COST PER THERM	\$0.7197	\$0.8080	\$0.8862	\$0.9383	\$0.9737	\$0.9616	\$0.8868
5	DIRECT PROPANE PURCHASED COSTS	\$89,541	\$124,187	\$211,614	\$202,027	\$148,160	\$111,858	\$887,387
6	DIRECT PROPANE PRODUCED COSTS	\$3,323	\$15,391	\$14,860	\$27,163	\$24,055	\$39,399	\$124,190
7	UNBILLED PROPANE COSTS (NET)	(\$92,930)	(\$19,726)	(\$46,036)	\$26,609	\$69,607	\$8,227	(\$54,250)
8	PROPANE COST ADJUSTMENTS	\$0	(\$41,173)	\$0	\$89,185	\$4	\$0	\$48,017
9	TOTAL PROPANE COSTS	(\$67)	\$78,678	\$180,437	\$344,984	\$241,827	\$159,484	\$1,005,344
<u>REVENUES</u>								
10	FPO SALES (therms)	22,385	32,475	43,912	46,421	46,210	33,578	224,981
11	NON-FPO SALES (therms)	63,232	91,302	128,573	149,102	152,422	107,029	691,660
12	TOTAL SALES	85,617	123,777	172,485	195,523	198,632	140,607	916,641
13	FPO RATE PER THERM	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988
14	NON-FPO RATE PER THERM	\$0.8788	\$0.8788	\$0.8196	\$0.6910	\$0.3912	\$0.5052	\$0.6620
15	FPO REVENUES	\$20,120	\$29,189	\$39,468	\$41,723	\$41,534	\$30,180	\$202,213
16	NON-FPO REVENUES	\$55,569	\$80,237	\$105,379	\$103,029	\$59,628	\$54,071	\$457,913
17	TOTAL REVENUES	\$75,688	\$109,426	\$144,847	\$144,753	\$101,161	\$84,251	\$660,126

LIBERTY UTILITIES - KEENE DIVISION

INTEREST CALCULATION  
WINTER PERIOD 2016 - 2017

LINE NO.	MONTH	(1) BEG. OF MONTH BALANCE	(2) (OVER) UNDER COLLECT	(3) REFUNDS	(4) END OF MONTH BALANCE (COL.1+2+3)	(5) AVERAGE BALANCE COL. (COL. [1+4]/2)	(6) ANNUAL INTEREST RATE	(7) INTEREST AMOUNT	(8) MONTH END BAL. WITH INTEREST (COL. 4+7)
1	MAY 2016	394,761	\$0	\$0	\$394,761	\$394,761	3.50%	\$1,151	\$395,912
2	JUN	395,912	0	0	395,912	395,912	3.50%	1,155	397,067
3	JUL	397,067	0	0	397,067	397,067	3.50%	1,158	398,225
4	AUG	398,225	0	0	398,225	398,225	3.50%	1,161	399,386
5	SEP	399,386	0	0	399,386	399,386	3.50%	1,165	400,551
6	OCT	400,551	0	0	400,551	400,551	3.50%	1,168	401,719
7	NOV	401,719	(3,501)	0	398,218	399,969	3.50%	1,167	399,385
8	DEC	399,385	(25,645)	0	373,740	386,563	3.50%	1,127	374,867
9	JAN 2017	374,867	(41,539)	0	333,328	354,097	3.50%	1,033	334,361
10	FEB	334,361	(98,541)	0	235,820	285,090	3.50%	832	236,652
11	MAR	236,652	(135,638)	0	101,014	168,833	3.50%	492	101,506
12	APR	101,506	(101,653)	0	(148)	50,679	3.50%	148	0
13									
14								<u>\$11,757</u>	

15 PRIOR PERIOD BEG. BALANCE w/INTEREST @ NOVEMBER 1, 2014 =

16 PRIOR PERIOD BEG. BAL. @ MAY 1, 2014 + INTEREST AMOUNT FOR MAY 2014 - OCTOBER 2014

17 = COL. 1, LINE 1 + COL. 7, LINES 1 TO 6

18 = 394,761 + 6,958 = 401,719 @ NOVEMBER 1, 2016  
(TRANSFER TO SCHEDULE B, LINE 14)



Liberty Utilities - Keene Division Weather Normalization - Firm Sendout (Therms)													
Period	Actual Firm Sendout	Base Use	Heat Use	Actual Calendar Month Degree Days	Normal Calendar Month Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normalized Firm Sendout	Actual Company Use	Unaccounted For 3.70%	Total Firm Sendout
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)		(10 - 11) * 3.70%	(10) - (11) + (12)
Nov-15	124,414	43,353	81,062	672	799	(127)	120.63	15,348	96,409	139,762	3,453	5,037	141,346
Dec-15	153,696	43,353	110,343	834	1,171	(337)	132.31	44,609	154,952	198,305	4,394	7,165	201,076
Jan-16	238,779	43,353	195,426	1,174	1,341	(167)	166.46	27,727	223,153	266,506	6,434	9,610	269,682
Feb-16	215,315	43,353	171,962	1,061	1,157	(96)	162.08	15,543	187,506	230,858	5,845	8,314	233,328
Mar-16	152,158	43,353	108,805	782	984	(202)	139.14	28,050	136,855	180,208	4,302	6,500	182,406
Apr-16	116,323	43,353	72,970	626	589	37	116.57	(4,262)	68,708	112,060	3,780	4,001	112,281
Total	1,000,685	260,116	740,569	5,149	6,041	(892)		127,015	867,583	1,127,700	28,208	40,627	1,140,119

Liberty Utilities - Keene Division Weather Normalization - Sales (Therms) - Rate Residential											
Period	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-15	749	17,050	6,175	10,875	548	560	(12)	19.84	238	11,113	17,288
Dec-15	769	26,420	6,175	20,245	696	848	(152)	29.09	4,421	24,666	30,841
Jan-16	774	36,770	6,175	30,595	1,065	1,206	(141)	28.73	4,051	34,646	40,821
Feb-16	762	38,390	6,175	32,215	1,151	1,304	(153)	27.99	4,282	36,497	42,672
Mar-16	765	41,060	6,175	34,885	1,011	1,126	(115)	34.51	3,968	38,853	45,028
Apr-16	761	30,156	6,175	23,981	756	919	(163)	31.72	5,171	29,152	35,327
Total		189,846	37,050	152,796	5,227	5,963	(736)	30.07	22,131	174,928	211,977

Liberty Utilities - Keene Division Weather Normalization - Sales (Therms) - Rate Commercial											
Period	Billing Cycle Customers	Billing Cycle Sales	Base Load	Heating Load	Billing Cycle Monthly Actual Degree Days	Billing Cycle Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-15	464	68,560	33,230	35,330	544	551	(7)	64.94	455	35,785	69,015
Dec-15	463	97,360	33,230	64,130	690	836	(146)	92.94	13,570	77,700	110,930
Jan-16	463	135,720	33,230	102,490	1,058	1,198	(140)	96.87	13,562	116,052	149,282
Feb-16	466	157,140	33,230	123,910	1,157	1,313	(156)	107.10	16,707	140,617	173,847
Mar-16	476	157,580	33,230	124,350	1,019	1,131	(112)	122.03	13,668	138,018	171,248
Apr-16	474	110,450	33,230	77,220	763	936	(173)	101.21	17,509	94,729	127,959
Total		726,810	199,380	527,430	5,231	5,965	(734)	102.82	75,469	602,899	802,281

Summary - Total Winter Season Billed Sales

	Actual 2015-2016	Normalized
November	85,610	86,303
December	123,780	141,771
January	172,490	190,103
February	195,530	216,519
March	198,640	216,276
April	140,607	163,286
Total	916,657	1,014,258

**LIBERTY UTILITIES - KEENE DIVISION**  
**Typical Residential Heating Bill - Fixed Price Option Program**  
**Forecasted 2016-2017 Winter Period vs. Actual 2015-2016 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	<b>12 MONTHS ENDED 04/2016</b>	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	Winter Nov-Apr	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms (1)	40	76	104	110	117	87	534	44	21	13	11	11	15	115	649
4	<b>Residential Heating</b>															
5	Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
6	Delivery Charge:															
7	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$502.38	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$634.88
8	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$92.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$92.54
9	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	<b>Base Delivery Revenue Total</b>	<b>\$55.09</b>	<b>\$96.57</b>	<b>\$123.84</b>	<b>\$129.51</b>	<b>\$136.12</b>	<b>\$107.79</b>	<b>\$648.92</b>	<b>\$59.70</b>	<b>\$33.20</b>	<b>\$23.98</b>	<b>\$21.67</b>	<b>\$21.67</b>	<b>\$26.28</b>	<b>\$186.50</b>	<b>\$835.42</b>
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
13	COG Rates	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.9122	\$0.9122	\$0.7670	\$0.7670	\$0.7670	\$0.5645	\$0.8228	
14	<b>Cost of Gas Total</b>	<b>\$35.95</b>	<b>\$68.31</b>	<b>\$93.48</b>	<b>\$98.87</b>	<b>\$105.16</b>	<b>\$78.20</b>	<b>\$479.97</b>	<b>\$40.14</b>	<b>\$19.16</b>	<b>\$9.97</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.47</b>	<b>\$94.62</b>	<b>\$574.59</b>
15	<b>Total Bill</b>	<b>\$91</b>	<b>\$165</b>	<b>\$217</b>	<b>\$228</b>	<b>\$241</b>	<b>\$186</b>	<b>\$1,129</b>	<b>\$100</b>	<b>\$52</b>	<b>\$34</b>	<b>\$30</b>	<b>\$30</b>	<b>\$35</b>	<b>\$281</b>	<b>\$1,410</b>
16																
17	<b>12 MONTHS ENDED 04/2017</b>	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms (1)	40	76	104	110	117	87	534	44	21	13	11	11	15	115	649
19	<b>Residential Heating</b>															
20	Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
21	Delivery Charge:															
22	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$502.38	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$634.88
23	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$92.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$92.54
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	<b>Base Delivery Revenue Total</b>	<b>\$55.09</b>	<b>\$96.57</b>	<b>\$123.84</b>	<b>\$129.51</b>	<b>\$136.12</b>	<b>\$107.79</b>	<b>\$648.92</b>	<b>\$59.70</b>	<b>\$33.20</b>	<b>\$23.98</b>	<b>\$21.67</b>	<b>\$21.67</b>	<b>\$26.28</b>	<b>\$186.50</b>	<b>\$835.42</b>
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
30	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4018	
31	<b>Cost of Gas Total</b>	<b>\$61.41</b>	<b>\$116.68</b>	<b>\$159.66</b>	<b>\$168.87</b>	<b>\$179.62</b>	<b>\$133.56</b>	<b>\$819.80</b>	<b>\$17.68</b>	<b>\$8.44</b>	<b>\$5.22</b>	<b>\$4.42</b>	<b>\$4.42</b>	<b>\$6.03</b>	<b>\$46.21</b>	<b>\$866.01</b>
32	Seasonal COG Difference from previous year							\$339.83							-\$48.41	\$291.42
33	Seasonal Percent Change from previous year							70.8%							-51.2%	50.7%
34	<b>Total Bill</b>	<b>\$117</b>	<b>\$213</b>	<b>\$284</b>	<b>\$298</b>	<b>\$316</b>	<b>\$241</b>	<b>\$1,469</b>	<b>\$77</b>	<b>\$42</b>	<b>\$29</b>	<b>\$26</b>	<b>\$26</b>	<b>\$32</b>	<b>\$233</b>	<b>\$1,701</b>
35	Seasonal Total Bill Difference from previous year							\$339.83							-\$48.41	\$291.42
36	Seasonal Percent Change from previous year							30.1%							-17.2%	20.7%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							0.0%							0.0%	0.0%
38	Seasonal Percent Change resulting from COG							30.1%							-17.2%	20.7%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

**LIBERTY UTILITIES - KEENE DIVISION**  
**Typical Residential Heating Bill - Non-Fixed Price Option Program**  
**Forecasted 2016-2017 Winter Period vs. Actual 2015-2016 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	<b>12 MONTHS ENDED 04/2016</b>	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	Winter Nov-Apr	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms (1)	40	76	104	110	117	87	534	44	21	13	11	11	15	115	649
4	<b>Residential Heating</b>															
5	Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
6	Delivery Charge:															
7	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$502.38	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$634.88
8	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$92.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$92.54
9	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	<b>Base Delivery Revenue Total</b>	<b>\$55.09</b>	<b>\$96.57</b>	<b>\$123.84</b>	<b>\$129.51</b>	<b>\$136.12</b>	<b>\$107.79</b>	<b>\$648.92</b>	<b>\$59.70</b>	<b>\$33.20</b>	<b>\$23.98</b>	<b>\$21.67</b>	<b>\$21.67</b>	<b>\$26.28</b>	<b>\$186.50</b>	<b>\$835.42</b>
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
13	COG Rates	\$0.8788	\$0.8788	\$0.8196	\$0.6910	\$0.3912	\$0.5052	\$0.6609	\$0.9122	\$0.9122	\$0.7670	\$0.7670	\$0.7670	\$0.5645	\$0.8228	
14	<b>Cost of Gas Total</b>	<b>\$35.15</b>	<b>\$66.79</b>	<b>\$85.24</b>	<b>\$76.01</b>	<b>\$45.77</b>	<b>\$43.95</b>	<b>\$352.91</b>	<b>\$40.14</b>	<b>\$19.16</b>	<b>\$9.97</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.47</b>	<b>\$94.62</b>	<b>\$447.53</b>
15	<b>Total Bill</b>	<b>\$90</b>	<b>\$163</b>	<b>\$209</b>	<b>\$206</b>	<b>\$182</b>	<b>\$152</b>	<b>\$1,002</b>	<b>\$100</b>	<b>\$52</b>	<b>\$34</b>	<b>\$30</b>	<b>\$30</b>	<b>\$35</b>	<b>\$281</b>	<b>\$1,283</b>
16																
17	<b>12 MONTHS ENDED 04/2017</b>	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms (1)	40	76	104	110	117	87	534	44	21	13	11	11	15	115	649
19	<b>Residential Heating</b>															
20	Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
21	Delivery Charge:															
22	First 80 therms @	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$1.1522	\$502.38	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$634.88
23	Next 120 therms @	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$92.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$92.54
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	<b>Base Delivery Revenue Total</b>	<b>\$55.09</b>	<b>\$96.57</b>	<b>\$123.84</b>	<b>\$129.51</b>	<b>\$136.12</b>	<b>\$107.79</b>	<b>\$648.92</b>	<b>\$59.70</b>	<b>\$33.20</b>	<b>\$23.98</b>	<b>\$21.67</b>	<b>\$21.67</b>	<b>\$26.28</b>	<b>\$186.50</b>	<b>\$835.42</b>
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
30	COG Rates	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4018	
31	<b>Cost of Gas Total</b>	<b>\$60.61</b>	<b>\$115.16</b>	<b>\$157.58</b>	<b>\$166.67</b>	<b>\$177.28</b>	<b>\$131.82</b>	<b>\$809.12</b>	<b>\$17.68</b>	<b>\$8.44</b>	<b>\$5.22</b>	<b>\$4.42</b>	<b>\$4.42</b>	<b>\$6.03</b>	<b>\$46.21</b>	<b>\$855.33</b>
32	Seasonal COG Difference from previous year							\$456.21							-\$48.41	\$407.80
33	Seasonal Percent Change from previous year							129.3%							-51.2%	91.1%
34	<b>Total Bill</b>	<b>\$116</b>	<b>\$212</b>	<b>\$281</b>	<b>\$296</b>	<b>\$313</b>	<b>\$240</b>	<b>\$1,458</b>	<b>\$77</b>	<b>\$42</b>	<b>\$29</b>	<b>\$26</b>	<b>\$26</b>	<b>\$32</b>	<b>\$233</b>	<b>\$1,691</b>
35	Seasonal Total Bill Difference from previous year							\$456.21							-\$48.41	\$407.80
36	Seasonal Percent Change from previous year							45.5%							-17.2%	31.8%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							0.0%							0.0%	0.0%
38	Seasonal Percent Change resulting from COG							45.5%							-17.2%	31.8%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

**LIBERTY UTILITIES - KEENE DIVISION**  
**Typical Commercial Bill - Fixed Price Option Program**  
**Forecasted 2016-2017 Winter Period vs. Actual 2015-2016 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	<b>12 MONTHS ENDED 04/2016</b>	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	Winter Nov-Apr	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms	149	240	322	373	360	270	1,714	183	115	91	88	95	108	680	2,394
4	<b>Commercial</b>															
5	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
6	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
7	First 80 therms @	\$1.1522	\$1.1522	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18
8	Next 120 therms @	\$0.9442	\$0.9442	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
9	Over 200 therms @	\$0.7946	\$0.7946	\$0.00	\$31.46	\$97.28	\$137.52	\$126.95	\$55.59	\$448.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	<b>Base Delivery Revenue Total</b>	<b>\$175.08</b>	<b>\$254.94</b>	<b>\$320.76</b>	<b>\$361.00</b>	<b>\$350.43</b>	<b>\$279.07</b>	<b>\$1,741.28</b>	<b>\$207.43</b>	<b>\$143.23</b>	<b>\$120.57</b>	<b>\$117.73</b>	<b>\$124.34</b>	<b>\$136.62</b>	<b>\$849.92</b>	<b>\$2,591.20</b>
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
13	COG Rates	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.8988	\$0.9122	\$0.9122	\$0.7670	\$0.7670	\$0.7670	\$0.5645	\$0.7985	
14	<b>Cost of Gas Total</b>	<b>\$133.69</b>	<b>\$215.34</b>	<b>\$289.79</b>	<b>\$335.31</b>	<b>\$323.36</b>	<b>\$242.64</b>	<b>\$1,540.13</b>	<b>\$166.93</b>	<b>\$104.90</b>	<b>\$69.80</b>	<b>\$67.50</b>	<b>\$72.87</b>	<b>\$60.97</b>	<b>\$542.97</b>	<b>\$2,083.10</b>
15	<b>Total Bill</b>	<b>\$309</b>	<b>\$470</b>	<b>\$611</b>	<b>\$696</b>	<b>\$674</b>	<b>\$522</b>	<b>\$3,281</b>	<b>\$374</b>	<b>\$248</b>	<b>\$190</b>	<b>\$185</b>	<b>\$197</b>	<b>\$198</b>	<b>\$1,393</b>	<b>\$4,674</b>
16																
17	<b>12 MONTHS ENDED 04/2017</b>	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	149	240	322	373	360	270	1,714	183	115	91	88	95	108	680	2,394
19	<b>Commercial</b>															
20	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
21	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
22	First 80 therms @	\$1.1522	\$1.1522	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18	\$2.18
23	Next 120 therms @	\$0.9442	\$0.9442	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30	\$1.30
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.00	\$31.46	\$97.28	\$137.52	\$126.95	\$55.59	\$448.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	<b>Base Delivery Revenue Total</b>	<b>\$175.08</b>	<b>\$254.94</b>	<b>\$320.76</b>	<b>\$361.00</b>	<b>\$350.43</b>	<b>\$279.07</b>	<b>\$1,741.28</b>	<b>\$207.43</b>	<b>\$143.23</b>	<b>\$120.57</b>	<b>\$117.73</b>	<b>\$124.34</b>	<b>\$136.62</b>	<b>\$849.92</b>	<b>\$2,591.20</b>
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
30	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	
31	<b>Cost of Gas Total</b>	<b>\$228.34</b>	<b>\$367.82</b>	<b>\$494.98</b>	<b>\$572.73</b>	<b>\$552.31</b>	<b>\$414.44</b>	<b>\$2,630.62</b>	<b>\$73.55</b>	<b>\$46.22</b>	<b>\$36.57</b>	<b>\$35.37</b>	<b>\$38.18</b>	<b>\$43.41</b>	<b>\$273.30</b>	<b>\$2,903.92</b>
32	Seasonal COG Difference from previous year							\$1,090.49							-\$269.67	\$820.82
33	Seasonal Percent Change from previous year							70.8%							-49.7%	39.4%
34	<b>Total Bill</b>	<b>\$403</b>	<b>\$623</b>	<b>\$816</b>	<b>\$934</b>	<b>\$903</b>	<b>\$694</b>	<b>\$4,372</b>	<b>\$281</b>	<b>\$189</b>	<b>\$157</b>	<b>\$153</b>	<b>\$163</b>	<b>\$180</b>	<b>\$1,123</b>	<b>\$5,495</b>
35	Seasonal Total Bill Difference from previous year							\$1,090.49							-\$269.67	\$820.82
36	Seasonal Percent Change from previous year							33.2%							-19.4%	17.6%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							0.0%							0.0%	0.0%
38	Seasonal Percent Change resulting from COG							33.2%							-19.4%	17.6%

**LIBERTY UTILITIES - KEENE DIVISION**  
**Typical Commercial Bill - Non-Fixed Price Option Program**  
**Forecasted 2016-2017 Winter Period vs. Actual 2015-2016 Winter Period**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1																
2	<b>12 MONTHS ENDED 04/2016</b>	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	Winter Nov-Apr	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Summer May-Oct	Total Nov-Oct
3	Typical Usage - therms	149	240	322	373	360	270	1,714	183	115	91	88	95	108	680	2,394
4	<b>Commercial</b>															
5	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
6	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
7	First 80 therms @	\$1.1522	\$1.1522	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$553.08	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$553.08	\$1,106.16
8	Next 120 therms @	\$0.9442	\$0.9442	\$1.1330	\$1.1330	\$1.1330	\$1.1330	\$631.40	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$188.84	\$820.24
9	Over 200 therms @	\$0.7946	\$0.7946	\$0.9728	\$0.9728	\$0.9728	\$0.9728	\$448.80	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$448.80
10	<b>Base Delivery Revenue Total</b>	<b>\$175.08</b>	<b>\$254.94</b>	<b>\$320.76</b>	<b>\$361.00</b>	<b>\$350.43</b>	<b>\$279.07</b>	<b>\$1,741.28</b>	<b>\$207.43</b>	<b>\$143.23</b>	<b>\$120.57</b>	<b>\$117.73</b>	<b>\$124.34</b>	<b>\$136.62</b>	<b>\$849.92</b>	<b>\$2,591.20</b>
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
13	COG Rates	\$0.8788	\$0.8788	\$0.8196	\$0.6910	\$0.3912	\$0.5052	\$0.6655	\$0.9122	\$0.9122	\$0.7670	\$0.7670	\$0.7670	\$0.5645	\$0.7985	
14	<b>Cost of Gas Total</b>	<b>\$130.71</b>	<b>\$210.55</b>	<b>\$264.26</b>	<b>\$257.79</b>	<b>\$140.74</b>	<b>\$136.38</b>	<b>\$1,140.43</b>	<b>\$166.93</b>	<b>\$104.90</b>	<b>\$69.80</b>	<b>\$67.50</b>	<b>\$72.87</b>	<b>\$60.97</b>	<b>\$542.97</b>	<b>\$1,683.40</b>
15	<b>Total Bill</b>	<b>\$306</b>	<b>\$465</b>	<b>\$585</b>	<b>\$619</b>	<b>\$491</b>	<b>\$415</b>	<b>\$2,882</b>	<b>\$374</b>	<b>\$248</b>	<b>\$190</b>	<b>\$185</b>	<b>\$197</b>	<b>\$198</b>	<b>\$1,393</b>	<b>\$4,275</b>
16																
17	<b>12 MONTHS ENDED 04/2017</b>	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
18	Typical Usage - therms	149	240	322	373	360	270	1,714	183	115	91	88	95	108	680	2,394
19	<b>Commercial</b>															
20	Customer Charge	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
21	Delivery Charge:	<u>Winter</u> <u>Summer</u>														
22	First 80 therms @	\$1.1522	\$1.1522	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$553.08	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$2.1876	\$553.08	\$1,106.16
23	Next 120 therms @	\$0.9442	\$0.9442	\$1.1330	\$1.1330	\$1.1330	\$1.1330	\$631.40	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$0.9442	\$188.84	\$820.24
24	Over 200 therms @	\$0.7946	\$0.7946	\$0.9728	\$0.9728	\$0.9728	\$0.9728	\$448.80	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.7946	\$0.00	\$448.80
25	<b>Base Delivery Revenue Total</b>	<b>\$175.08</b>	<b>\$254.94</b>	<b>\$320.76</b>	<b>\$361.00</b>	<b>\$350.43</b>	<b>\$279.07</b>	<b>\$1,741.28</b>	<b>\$207.43</b>	<b>\$143.23</b>	<b>\$120.57</b>	<b>\$117.73</b>	<b>\$124.34</b>	<b>\$136.62</b>	<b>\$849.92</b>	<b>\$2,591.20</b>
26	Seasonal Base Delivery Difference from previous year							\$0.00							\$0.00	\$0.00
27	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
30	COG Rates	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$1.5152	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	
31	<b>Cost of Gas Total</b>	<b>\$225.37</b>	<b>\$363.03</b>	<b>\$488.54</b>	<b>\$565.26</b>	<b>\$545.12</b>	<b>\$409.04</b>	<b>\$2,596.36</b>	<b>\$73.55</b>	<b>\$46.22</b>	<b>\$36.57</b>	<b>\$35.37</b>	<b>\$38.18</b>	<b>\$43.41</b>	<b>\$273.30</b>	<b>\$2,869.66</b>
32	Seasonal COG Difference from previous year							\$1,455.93							-\$269.67	\$1,186.26
33	Seasonal Percent Change from previous year							127.7%							-49.7%	70.5%
34	<b>Total Bill</b>	<b>\$400</b>	<b>\$618</b>	<b>\$809</b>	<b>\$926</b>	<b>\$896</b>	<b>\$688</b>	<b>\$4,338</b>	<b>\$281</b>	<b>\$189</b>	<b>\$157</b>	<b>\$153</b>	<b>\$163</b>	<b>\$180</b>	<b>\$1,123</b>	<b>\$5,461</b>
35	Seasonal Total Bill Difference from previous year							\$1,455.93							-\$269.67	\$1,186.26
36	Seasonal Percent Change from previous year							50.5%							-19.4%	27.8%
37	Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							0.0%							0.0%	0.0%
38	Seasonal Percent Change resulting from COG							50.5%							-19.4%	27.8%

LIBERTY UTILITIES - KEENE DIVISION									
Historical COG Comparison - FPO vs. Non-FPO Bill									
Winter Period	FPO Rate	Amount of Premium	Percent Participation (therms)	Actual FPO Volumes	Premium Revenue	Typical Residential FPO bill	Average Non-FPO Rate	Typical Residential Non-FPO bill	Cost/(Savings) to FPO Customers
2015-2016	\$0.8988	\$0.02	24.54%	224,981	\$4,500	\$480	\$0.6620	\$354	\$126
2014-2015	\$1.7269	\$0.02	32.16%	384,297	\$7,686	\$929	\$1.4213	\$765	\$164
2013-2014	\$1.6985	\$0.02	17.94%	206,379	\$4,128	\$914	\$2.0092	\$1,081	(\$167)
2012-2013	\$1.5217	\$0.02	20.81%	207,298	\$4,146	\$819	\$1.5002	\$807	\$12
2011-2012	\$2.2357	\$0.02	18.21%	152,560	\$3,051	\$1,203	\$2.1253	\$1,143	\$59
2010-2011	----- FPO not offered due to Selkirk terminal embargo -----								
2009-2010	\$1.3402	\$0.02	17.12%	163,486	\$3,270	\$721	\$1.4900	\$802	(\$81)
2008-2009	\$2.2408	\$0.02	21.08%	205,970	\$4,119	\$1,206	\$1.7347	\$933	\$272
2007-2008	\$1.5212	\$0.02	28.01%	266,419	\$5,328	\$818	\$1.7646	\$949	(\$131)
2006-2007	\$1.4741	\$0.02	21.86%	206,686	\$4,134	\$793	\$1.5397	\$828	(\$35)
2005-2006	\$1.5260	\$0.02	42.91%	348,849	\$6,977	\$821	\$1.3742	\$739	\$82
2004-2005	\$1.2323	n/a	39.44%	340,315	n/a	\$663	\$1.2647	\$680	(\$17)
2003-2004	\$0.8877	n/a	38.78%	316,300	n/a	\$478	\$1.0325	\$555	(\$78)
Average						\$843		\$852	(\$8)

## MONT BELVIEU PROPANE FUTURES - 09/14/16 CLOSE

## Mont Belvieu LDH Propane (OPIS) Futures Settlements

[Quotes](#)   [Settlements](#)   [Volume](#)   [Time & Sales](#)   [Contract Specs](#)   [Margins](#)   [Calendar](#)

[Futures](#)   [Options](#)

Options

Trade Date:

Wednesday, 14 Sep 2016 (Final)

All market data contained within the CME Group website should be considered as a reference only and should not be used as validation against, nor as a complement to, real-time market data feeds.

Month	Open	High	Low	Last	Change	Settle	Estimated Volume	Prior Day Open Interest
SEP 16	-	-	-	-	+.00158	.47646	0	9,479
OCT 16	-	-	-	-	+.00063	.48688	1,002	7,764
NOV 16	-	-	-	-	-.00312	.49313	949	8,520
DEC 16	-	-	-	-	-.00500	.49938	320	11,678
JAN 17	-	-	-	-	-.00625	.50563	3,084	14,117
FEB 17	-	-	-	-	-.00688	.50375	230	8,013
MAR 17	-	-	-	-	-.00750	.49438	755	11,028
APR 17	-	-	-	-	-.00812	.48438	322	3,674

Last Updated: Wednesday, 14 Sep 2016 10:33 PM

[About This Report](#)



## ENTERPRISE TE PRODUCTS PIPELINE FERC TARIFF 54.29.0 - EFFECTIVE 07/01/16

**RATES (In Cents-per-bbl.)**

[D] All rates are decreased.

ITEM NO. 135

**Non-Incentive Rates for Propane**

Destination	Origin			
	Arcadia (Bienville Parish, LA)	Floreffe Junction (Allegheny Co., PA)	Mont Belvieu (Chambers Co., TX)	Tappan Lake (Harrison Co., OH), Todhunter (Butler Co., OH) & Follansbee (Brooke County), West Virginia]
Arcadia (Bienville Parish, LA)	--	--	218.93	--
Coshocton (Coshocton Co., OH)	625.59	--	668.30	--
Dexter (Stoddard Co., MO)	--	--	317.54	--
Du Bois (Clearfield Co., PA)	700.18 (1)	358.97 (1)(2)	741.93 (1)	358.97 (1)
Finger Lakes (Schuyler Co., NY)	746.68	521.98	788.64	541.47
Fontaine (Green Co., AR)	--	--	298.33	--
Greensburg (Westmoreland Co., PA)	658.42 (1)	358.97 (1)(2)	700.18 (1)	358.97 (1)
Harford Mills (Cortland Co., NY)	--	504.39 (1)	791.32 (1)	525.12 (1)
Kingsland (Cleveland Co., AR)	--	--	253.03	--
Lebanon (Boone Co., IN)	--	--	374.50 (4)	--
North Little Rock (Pulaski Co., AR)	--	--	266.96	--
Oneonta (Otsego Co., NY)	--	546.01	855.07 (1)	563.61 (1)
Princeton (Gibson Co., IN)	376.89	--	407.65	--
Schaefferstown (Lebanon Co., PA)	--	529.27 (2)	799.83	522.25
Selkirk (Albany Co., NY)	--	592.39	909.18 (1)	593.94 (1)
Seymour (Jackson Co., IN)	--	--	355.85	--
Sinking Spring (Berks Co., PA)	--	529.27 (2)	799.83	522.25
Todhunter (Butler Co., OH)	556.12	--	598.83	--
Twin Oaks (Delaware Co., PA)	--	651.37 (2) (3)	--	651.37 (3)
Watkins Glen (Schuyler Co., NY)	708.90 (1)	485.49 (1)	750.86 (1)	507.55 (1)
West Memphis (Crittenden Co., AR)	--	--	317.54 (4)	--

Northern Gas Transport, Inc.  
Box 106  
Lyndonville, VT 05851-0106  
1-800-648-1075  
FAX: 802-626-5039

September 13, 2016

To: All Customers

**Re: Fuel Surcharge**

As of Monday, September 12<sup>th</sup>, 2016 the Department of Energy New England average price per gallon of diesel fuel was \$2.410. All deliveries invoiced from Sunday, September 18<sup>th</sup>, 2016 through Saturday, September 24<sup>th</sup>, 2016 will be line item assessed at 2.5 % fuel surcharge. Thank you and should you have any questions, please contact Susan Noyes at 1-800-648-1075 extension 223.

Best Regards,

Bruce Grant  
President/Owner

Northern Gas Transport Inc. - Selkirk to Keene

Gallons	Base Rate	Base Charge	Fuel Surcharge		Total Charge	Total Rate Per Gallon
			Rate	Surcharge		
9,200	\$0.0575	\$529.00	1.00%	\$5.29	\$534.29	\$0.0581
9,200	\$0.0575	\$529.00	2.00%	\$10.58	\$539.58	\$0.0587
9,200	\$0.0575	\$529.00	2.50%	\$13.23	\$542.23	\$0.0589
9,200	\$0.0575	\$529.00	3.00%	\$15.87	\$544.87	\$0.0592
9,200	\$0.0575	\$529.00	3.50%	\$18.52	\$547.52	\$0.0595
9,200	\$0.0575	\$529.00	4.00%	\$21.16	\$550.16	\$0.0598
9,200	\$0.0575	\$529.00	4.50%	\$23.81	\$552.81	\$0.0601
9,200	\$0.0575	\$529.00	5.00%	\$26.45	\$555.45	\$0.0604
9,200	\$0.0575	\$529.00	5.50%	\$29.10	\$558.10	\$0.0607
9,200	\$0.0575	\$529.00	6.00%	\$31.74	\$560.74	\$0.0610
9,200	\$0.0575	\$529.00	6.50%	\$34.39	\$563.39	\$0.0612
9,200	\$0.0575	\$529.00	7.00%	\$37.03	\$566.03	\$0.0615
9,200	\$0.0575	\$529.00	7.50%	\$39.68	\$568.68	\$0.0618
9,200	\$0.0575	\$529.00	8.00%	\$42.32	\$571.32	\$0.0621
9,200	\$0.0575	\$529.00	8.50%	\$44.97	\$573.97	\$0.0624
9,200	\$0.0575	\$529.00	9.00%	\$47.61	\$576.61	\$0.0627
9,200	\$0.0575	\$529.00	9.50%	\$50.26	\$579.26	\$0.0630
9,200	\$0.0575	\$529.00	10.00%	\$52.90	\$581.90	\$0.0633
9,200	\$0.0575	\$529.00	10.50%	\$55.55	\$584.55	\$0.0635
9,200	\$0.0575	\$529.00	11.00%	\$58.19	\$587.19	\$0.0638
9,200	\$0.0575	\$529.00	11.50%	\$60.84	\$589.84	\$0.0641
9,200	\$0.0575	\$529.00	12.00%	\$63.48	\$592.48	\$0.0644
9,200	\$0.0575	\$529.00	12.50%	\$66.13	\$595.13	\$0.0647
9,200	\$0.0575	\$529.00	13.00%	\$68.77	\$597.77	\$0.0650
9,200	\$0.0575	\$529.00	13.50%	\$71.42	\$600.42	\$0.0653
9,200	\$0.0575	\$529.00	14.00%	\$74.06	\$603.06	\$0.0656
9,200	\$0.0575	\$529.00	14.50%	\$76.71	\$605.71	\$0.0658
9,200	\$0.0575	\$529.00	15.00%	\$79.35	\$608.35	\$0.0661
9,200	\$0.0575	\$529.00	15.50%	\$82.00	\$611.00	\$0.0664
9,200	\$0.0575	\$529.00	16.00%	\$84.64	\$613.64	\$0.0667
9,200	\$0.0575	\$529.00	16.50%	\$87.29	\$616.29	\$0.0670
9,200	\$0.0575	\$529.00	17.00%	\$89.93	\$618.93	\$0.0673
9,200	\$0.0575	\$529.00	17.50%	\$92.58	\$621.58	\$0.0676
9,200	\$0.0575	\$529.00	18.00%	\$95.22	\$624.22	\$0.0679
9,200	\$0.0575	\$529.00	18.50%	\$97.87	\$626.87	\$0.0681
9,200	\$0.0575	\$529.00	19.00%	\$100.51	\$629.51	\$0.0684
9,200	\$0.0575	\$529.00	19.50%	\$103.16	\$632.16	\$0.0687
9,200	\$0.0575	\$529.00	20.00%	\$105.80	\$634.80	\$0.0690
9,200	\$0.0575	\$529.00	20.50%	\$108.45	\$637.45	\$0.0693
9,200	\$0.0575	\$529.00	21.00%	\$111.09	\$640.09	\$0.0696
9,200	\$0.0575	\$529.00	21.50%	\$113.74	\$642.74	\$0.0699
9,200	\$0.0575	\$529.00	22.00%	\$116.38	\$645.38	\$0.0702
9,200	\$0.0575	\$529.00	22.50%	\$119.03	\$648.03	\$0.0704
9,200	\$0.0575	\$529.00	23.00%	\$121.67	\$650.67	\$0.0707
9,200	\$0.0575	\$529.00	23.50%	\$124.32	\$653.32	\$0.0710
9,200	\$0.0575	\$529.00	24.00%	\$126.96	\$655.96	\$0.0713
9,200	\$0.0575	\$529.00	24.50%	\$129.61	\$658.61	\$0.0716
9,200	\$0.0575	\$529.00	25.00%	\$132.25	\$661.25	\$0.0719
9,200	\$0.0575	\$529.00	25.50%	\$134.90	\$663.90	\$0.0722
9,200	\$0.0575	\$529.00	26.00%	\$137.54	\$666.54	\$0.0725
9,200	\$0.0575	\$529.00	26.50%	\$140.19	\$669.19	\$0.0727
9,200	\$0.0575	\$529.00	27.00%	\$142.83	\$671.83	\$0.0730
9,200	\$0.0575	\$529.00	27.50%	\$145.48	\$674.48	\$0.0733
9,200	\$0.0575	\$529.00	28.00%	\$148.12	\$677.12	\$0.0736
9,200	\$0.0575	\$529.00	28.50%	\$150.77	\$679.77	\$0.0739
9,200	\$0.0575	\$529.00	29.00%	\$153.41	\$682.41	\$0.0742
9,200	\$0.0575	\$529.00	29.50%	\$156.06	\$685.06	\$0.0745
9,200	\$0.0575	\$529.00	30.00%	\$158.70	\$687.70	\$0.0748
9,200	\$0.0575	\$529.00	30.50%	\$161.35	\$690.35	\$0.0750
9,200	\$0.0575	\$529.00	31.00%	\$163.99	\$692.99	\$0.0753
9,200	\$0.0575	\$529.00	31.50%	\$166.64	\$695.64	\$0.0756
9,200	\$0.0575	\$529.00	32.00%	\$169.28	\$698.28	\$0.0759
9,200	\$0.0575	\$529.00	32.50%	\$171.93	\$700.93	\$0.0762
9,200	\$0.0575	\$529.00	33.00%	\$174.57	\$703.57	\$0.0765
9,200	\$0.0575	\$529.00	33.50%	\$177.22	\$706.22	\$0.0768
9,200	\$0.0575	\$529.00	34.00%	\$179.86	\$708.86	\$0.0771
9,200	\$0.0575	\$529.00	34.50%	\$182.51	\$711.51	\$0.0773
9,200	\$0.0575	\$529.00	35.00%	\$185.15	\$714.15	\$0.0776
9,200	\$0.0575	\$529.00	35.50%	\$187.80	\$716.80	\$0.0779
9,200	\$0.0575	\$529.00	36.00%	\$190.44	\$719.44	\$0.0782
9,200	\$0.0575	\$529.00	36.50%	\$193.09	\$722.09	\$0.0785
9,200	\$0.0575	\$529.00	37.00%	\$195.73	\$724.73	\$0.0788
9,200	\$0.0575	\$529.00	37.50%	\$198.38	\$727.38	\$0.0791
9,200	\$0.0575	\$529.00	38.00%	\$201.02	\$730.02	\$0.0794
9,200	\$0.0575	\$529.00	38.50%	\$203.67	\$732.67	\$0.0796
9,200	\$0.0575	\$529.00	39.00%	\$206.31	\$735.31	\$0.0799
9,200	\$0.0575	\$529.00	39.50%	\$208.96	\$737.96	\$0.0802
9,200	\$0.0575	\$529.00	40.00%	\$211.60	\$740.60	\$0.0805