

**LGE Rate Adjustment Worksheet  
Contract PAL-C-0750**

Adjustment Date 1/1/2019

These Rates Apply On All Tons Shipped Less Than or Equal to 2,000,000 Annual Tons				These Rates Apply On All Tons Shipped in Excess of 2,000,000 Annual Tons			
Origin	McHenry	Warrior	Dotiki	Origin	McHenry	Warrior	Dotiki
<b>Contract Base Rate</b>	\$5.44	\$5.52	\$6.02	<b>Contract Base Rate</b>	\$4.74	\$4.90	\$5.40
<b>AILF Adjustment</b>	\$0.25	\$0.26	\$0.28	<b>AILF Adjustment</b>	\$0.22	\$0.23	\$0.25
<b>Adjusted Price</b>	<b>\$5.69</b>	<b>\$5.78</b>	<b>\$6.30</b>	<b>Adjusted Price</b>	<b>\$4.96</b>	<b>\$5.13</b>	<b>\$5.65</b>
<b>Fuel Surcharge</b>	<b>\$0.13</b>	<b>\$0.18</b>	<b>\$0.21</b>	<b>Fuel Surcharge</b>	<b>\$0.13</b>	<b>\$0.18</b>	<b>\$0.21</b>
<b>New Total (Adjusted Price + S/C)</b>	<b>\$5.82</b>	<b>\$5.96</b>	<b>\$6.51</b>	<b>New Total (Adjusted Price + S/C)</b>	<b>\$5.09</b>	<b>\$5.31</b>	<b>\$5.86</b>

**AILF Adjustment Calculations**

First Quarter 2017 AILF Index	100.5
Current AILF Index	105.2
Resulting Adjustment Percent	4.68%

**Fuel Surcharge Calculation (Formula: ((APPG - BPPG) \* FU)/T)**

Contract Base Price Per Gallon	\$1.56	\$1.56	\$1.56
Actual Price Per Gallon	\$2.26	\$2.26	\$2.26
Fuel Usage (gallons)	1964	2603	3021
Tonnage	10,200	10,200	10,200
Resulting Surcharge per Ton	\$0.13	\$0.18	\$0.21

### November 2018 FUEL PURCHASES

<u>Date</u>	<u>Vendor</u>	<u>Gallons</u>	<u>Cost</u>	<u>Average Price</u>
11/12/2018	Midwest Terminal	37,504	\$88,194.41	\$2.35
11/12/2018	Midwest Terminal	7,503	\$17,681.57	\$2.36
11/12/2018	Heritage Petroleum	59,863	\$141,581.98	\$2.37
11/20/2018	Midwest Terminal	4,997	\$12,673.09	\$2.54
11/20/2018	Midwest Terminal	5,598	\$13,259.65	\$2.37
11/20/2018	Midwest Terminal	4,997	\$12,108.43	\$2.42
11/26/2018	Heritage Petroleum	22,639	\$49,712.98	\$2.20
11/26/2018	Heritage Petroleum	45,328	\$98,978.22	\$2.18
11/28/2018	Heritage Petroleum	82,490	\$179,630.22	\$2.18
11/30/2018	Midwest Terminal	4,997	\$10,931.64	\$2.19
		275,916	\$624,752.19	\$2.26

**ALL-INCLUSIVE INDEX LESS FUEL  
WITH FORECAST ERROR ADJUSTMENT  
4Q/2017 = 100.0**

Date	All-LF	Forecast Error Adjustment	All-LF With Forecast Error Adj.	Date	All-LF	Forecast Error Adjustment	All-LF With Error Adj.
2003Q1	68.0	0.0	68.0	2013Q1	95.4	-0.5	94.9
2003Q2	68.3	0.0	68.3	2013Q2	95.2	0.0	95.2
2003Q3	68.8	0.0	68.8	2013Q3	96.1	0.4	96.5
2003Q4	69.6	0.0	69.6	2013Q4	95.3	-0.1	95.2
2004Q1	69.5	0.0	69.5	2014Q1	95.3	0.0	95.3
2004Q2	69.7	0.0	69.7	2014Q2	96.3	0.1	96.4
2004Q3	71.3	0.3	71.6	2014Q3	97.0	0.2	97.2
2004Q4	72.3	0.7	73.0	2014Q4	96.3	-0.3	96.0
2005Q1	73.0	-0.1	72.9	2015Q1	98.0	-0.1	97.9
2005Q2	74.1	0.1	74.2	2015Q2	97.5	0.0	97.5
2005Q3	74.6	0.4	75.0	2015Q3	97.4	-0.3	97.1
2005Q4	73.9	-0.4	73.5	2015Q4	97.8	0.1	97.9
2006Q1	75.7	-0.4	75.3	2016Q1	99.2	0.4	99.6
2006Q2	75.6	0.3	75.9	2016Q2	99.0	-0.1	98.9
2006Q3	76.3	-0.4	75.9	2016Q3	99.0	0.0	99.0
2006Q4	77.0	0.3	77.3	2016Q4	97.7	0.1	97.8
2007Q1	77.5	0.0	77.5	2017Q1	100.6	-0.1	100.5
2007Q2	78.2	-0.3	77.9	2017Q2	100.7	0.2	100.9
2007Q3	78.6	0.2	78.8	2017Q3	100.9	0.4	101.3
2007Q4	80.1	0.0	80.1	2017Q4	99.7	0.3	100.0
2008Q1	80.8	-0.2	80.6	2018Q1	101.4	0.1	101.5
2008Q2	81.5	-0.2	81.3	2018Q2	101.5	0.4	101.9
2008Q3	82.6	0.1	82.7	2018Q3	103.4	-0.5	102.9
2008Q4	86.7	0.4	87.1	2018Q4	104.7	0.2	104.9
2009Q1	86.9	0.7	87.6	2019Q1	105.0	0.2	105.2
2009Q2	85.5	-1.7	83.8				
2009Q3	86.3	-1.6	84.7				
2009Q4	86.1	-0.3	85.8				
2010Q1	88.1	0.4	88.5				
2010Q2	88.9	0.3	89.2				
2010Q3	89.5	0.4	89.9				
2010Q4	90.2	-0.2	90.0				
2011Q1	92.2	-1.0	91.2				
2011Q2	92.7	0.4	93.1				
2011Q3	94.3	0.3	94.6				
2011Q4	93.4	0.4	93.8				
2012Q1	93.5	-0.4	93.1				
2012Q2	95.0	-0.5	94.5				
2012Q3	96.1	0.3	96.4				
2012Q4	95.6	0.0	95.6				

This index was released beginning 2018Q1. Earlier quarters were restated only for comparison purposes.