



September 27, 2018

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OCT 01 2018

PUBLIC SERVICE  
COMMISSION

Jeff Derouen  
Public Service Commission  
211 Sower Blvd.  
Frankfort, KY 40602

Case No. 2018-00336

Re: Quarterly Report of Gas Cost Recovery Rate Calculation

Dear Mr. Derouen,

Attached please find one original and ten copies of the quarterly report of gas cost recovery rate calculation for the rates to be effective November 1, 2018. Please contact me at (714) 242 – 4064 or [jirwin@navitasutility.com](mailto:jirwin@navitasutility.com) with questions or comments regarding this filing.

We now have over 12 months of usage with Keystone Foods Group as a customer, so we no longer need to add in projected usage into the last 12 months of sales. However, their projected usage is still included in the balance adjustment sheet. I've reduced the projected usage down from 5,000 additional MCF per month to 3,000 additional MCF per month as the customer has bought into a long term propane contract and is now only using the contractually obligated 3,000 MCF per month.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph M Irwin Sr", written over a large, stylized loop that extends upwards and to the left.

Joseph M Irwin Sr

**Quarterly Report**  
Gas cost recovery rate calculation

Navitas KY NG, LLC

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Period	Filing date (on or about)	Reporting Months	Effective date (& 1st forecast month)
	31-Mar	November December January	1-May
	30-Jun	February March April	1-Aug
X	30-Sep	May June July	1-Nov
	31-Dec	August September October	1-Feb

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**Schedule I**  
Gas Cost Recovery Rate Summary

Navitas KY NG, LLC

Component	
Expected Gas Cost (EGC)	6.8345
+ Refund Adjustment (RA)	-
+ Actual Adjustment (AA)	(0.4091)
+ Balance Adjustment(BA)	0.0150
= Gas Cost Recovery Rate	<b>\$ 6.4404</b>

**A. Expected Gas Cost Calculation**

Total EGC	<b>\$ 759,423.86</b>
/ Twelve months sales	111,116
EGC	<b>\$ 6.8345</b>

**B. Refund Adjustment Calculation**

Refund Adjustment for reporting period	-
+ Previous quarter RA	-
+ Second previous quarter RA	-
+ Third previous quarter RA	-
+ Other cost adjustments	
= Refund Adjustment	<b>\$ -</b>

**C. Actual Adjustment Calculation**

Actual Adjustment for reporting period	(0.0970)
+ Previous quarter AA	(0.4419)
+ Second previous quarter AA	0.0554
+ Third previous quarter AA	0.0744
+ Other cost adjustments	
= Actual Adjustment	<b>\$ (0.4091)</b>

**D. Balance Adjustment Calculation**

Balance Adjustment for reporting period	0.0178
+ Previous quarter BA	(0.0077)
+ Second previous quarter BA	(0.0003)
+ Third previous quarter BA	0.0052
= Balance Adjustment	<b>\$ 0.0150</b>

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**Schedule II**  
Expected Gas Cost

Supplier or NYMEX	Twelve months 2017 - 2018	Known prior year sales in MCF	MCF/MMBtu (from supplier)	Prior year purchases in MMBtu	Forecasted price per MMBtu	Converted price per MCF	Subtotal forecasted purchases
Petrol	August	6855	1.0660	7,307	4.85	5.17	35,441.04
Petrol	September	6437	1.0670	6,868	4.85	5.17	33,311.15
Petrol	October	6306	1.0680	6,735	4.85	5.18	32,663.82
Petrol	November	10869	1.0660	11,586	4.85	5.17	56,193.82
Petrol	December	12716	1.0640	13,530	4.85	5.16	65,619.65
Petrol	January	12306	1.0660	13,118	4.85	5.17	63,623.25
Petrol	February	12391	1.0670	13,221	4.85	5.17	64,122.81
Petrol	March	13164	1.0710	14,099	4.85	5.19	68,378.42
Petrol	April	10761	1.0650	11,460	4.85	5.17	55,582.74
Petrol	May	6961	1.0660	7,420	4.85	5.17	35,989.07
Petrol	June	6678	1.0630	7,099	4.85	5.16	34,428.76
Petrol	July	5672	1.0650	6,041	4.85	5.17	29,297.30
		<b>111,116</b>		<b>118,484</b>			<b>574,651.82</b>

Transportation	Twelve months 2017 - 2018	Spectra (East TN) demand	B&W pipeline	Subtotal forecasted	Total forecasted cost
	August	1,500.00	13,897.67	15,397.67	50,838.71
	September	1,500.00	13,897.67	15,397.67	48,708.82
	October	1,500.00	13,897.67	15,397.67	48,061.49
	November	1,500.00	13,897.67	15,397.67	71,591.49
	December	1,500.00	13,897.67	15,397.67	81,017.32
	January	1,500.00	13,897.67	15,397.67	79,020.92
	February	1,500.00	13,897.67	15,397.67	79,520.48
	March	1,500.00	13,897.67	15,397.67	83,776.09
	April	1,500.00	13,897.67	15,397.67	70,980.41
	May	1,500.00	13,897.67	15,397.67	51,386.74
	June	1,500.00	13,897.67	15,397.67	49,826.43
	July	1,500.00	13,897.67	15,397.67	44,694.97
				<b>184,772.04</b>	<b>759,423.86</b>

divide by sales per MCF	111,116
	\$ 6.8345
multiply by allowed purchases (sales / 1)	111,116
<b>Expected Gas Cost</b>	<b>\$ 759,423.86</b>

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	Second previous quarter			Previous quarter			Current quarter		
	Actual			Actual			Actual		
	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Invoices									
Supply									
Petrol & FWM (B&W)	50,992.91	79,487.41	88,093.13	75,536.59	67,937.11	41,745.60	33,853.29	26,790.68	30,909.57
Transportation									
Spectra	1,536.74	1,445.66	1,253.04	1,452.88	1,440.54	1,536.12	1,604.35	1,622.36	1,614.43
B&W	12,769.35	11,989.98	10,396.13	12,076.50	11,978.27	12,756.55	13,267.01	13,403.71	13,349.07
Total cost	65,299.00	92,923.05	99,742.30	89,065.97	81,355.92	56,038.27	48,724.64	41,816.75	45,873.07
Sales in MCF	10,869	12,716	12,306	12,391	13,164	10,761	6,961	6,678	5,672
Cost per MCF	6.0078	7.3076	8.1052	7.1880	6.1802	5.2076	6.9997	6.2619	8.0876
less ECG in effect	7.0568	7.0568	7.0568	7.4535	7.4535	7.4535	7.6224	7.6224	7.6224
Delta	(1.05)	0.25	1.05	(0.27)	(1.27)	(2.25)	(0.62)	(1.36)	0.47
Monthly cost difference	(11,401.36)	3,188.78	12,901.32	(3,290.35)	(16,761.95)	(24,168.10)	(4,334.88)	(9,085.63)	2,638.82
Total cost difference			4,688.74			(44,220.40)			(10,781.70)
divide by 12 months sales			84,578			100,077			111,116
Actual Adjustment		Actual Adjustment	0.0554		Actual Adjustment	(0.4419)		Actual Adjustment	(0.0970)
Allocation									
Total B&W line sales	11,829	14,739	16,451	14,260	15,273	11,724	7,292	6,924	5,905
KY%	92%	86%	75%	87%	86%	92%	95%	96%	96%
Byrdstown/Fentress (TN)	9,604	20,232	41,448	18,686	21,094	9,626	3,309	2,461	2,331
Cost									
Petrol	33,590.64	67,484.42	99,545.36	70,585.25	63,511.76	25,302.45	18,415.05	8,512.53	12,988.29
Allocation	30,863.50	58,221.06	74,464.78	61,335.65	54,740.19	23,224.90	17,579.39	8,209.97	12,475.59
Spectra (Enbridge)									
250	1,672.53	1,675.67	1,675.08	1,671.98	1,671.37	1,673.53	1,680.61	1,682.15	1,680.78
Allocation	1,536.74	1,445.66	1,253.04	1,452.88	1,440.54	1,536.12	1,604.35	1,622.36	1,614.43
Cost									
B&W Transport	13,897.67	13,897.67	13,897.67	13,897.67	13,897.67	13,897.67	13,897.67	13,897.67	13,897.67
Allocation	12,769.35	11,989.98	10,396.13	12,076.50	11,978.27	12,756.55	13,267.01	13,403.71	13,349.07
FWM Supply	21,908.07	24,649.96	18,218.53	16,342.48	15,311.60	20,177.44	17,047.50	19,265.45	19,191.56
Cost	20,129.41	21,266.34	13,628.35	14,200.94	13,196.92	18,520.70	16,273.90	18,580.71	18,433.99
Allocation									



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Sales History

Navitas KY NG, LLC

	J	F	M	A	M	J	J	A	S	O	N	D	Total
Sales in MCF													
2007	3,187	5,015	1,657	1,472	961	784	327	400	379	859	1,941	2,359	19,341
2008	6,960	4,115	3,761	1,428	1,408	637	786	683	851	1,129	3,712	3,441	28,911
2009	5,621	4,445	3,436	1,575	952	680	726	669	749	1,336	1,726	5,564	27,479
2010	5,820	6,407	4,116	1,569	999	1,082	771	644	1,097	1,384	1,726	5,564	31,179
2011	5,820	6,407	2,727	1,673	1,301	1,129	739	877	810	1,253	2,602	3,335	28,674
2012	5,134	3,661	1,929	1,177	1,253	880	1,046	1,227	1,049	1,813	3,673	2,854	25,694
2013	6,073	4,304	5,380	2,531	1,603	911	810	1,047	1,051	1,618	2,334	3,906	31,568
2014	6,465	5,710	3,962	2,176	1,037	999	957	854	969	1,749	3,252	4,410	32,540
2015	9,046	11,867	13,351	9,115	8,724	6,472	6,062	5,148	5,562	7,939	8,721	7,043	99,050
2016	11,015	10,109	9,340	7,794	5,474	4,778	4,594	4,462	5,505	5,465	7,363	8,826	84,725
2017	7,634	6,393	7,774	6,650	3,981	3,459	2,704	4,983	6,437	6,306	10,869	12,716	79,906
2018	12,306	12,391	13,164	10,761	6,961	6,678	5,672	6,855					74,788
Average	10,000	10,190	10,907	8,580	6,285	5,347	4,758	5,362	5,835	6,570	8,984	9,528	92,347