

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

for June 7, 2020 billing date

Notes
Sales

EGC application

In continuing to review the EGC Navitas recognized that the implementation of the EGC was retarded by a month While this is related to the misunderstanding on the part of Navitas as to when approved rates go into effect It is a separate additional issue; The billing date for a listed month is the 7th of the following month Thus rates charged on the 7th were shown associated with the usage in that month Not the month proceed as was the actual case Ultimately the spreadsheet appears correct, which is why KYPSC staff did not flag it It was the application by Navitas that is incorrect

Navitas did an analysis back to the original mistake in July 2011 Generally speaking, as would be expected every third month is off In total Navitas overstated collections, e.g. - undercharged customers, \$7,604 Navitas made no correction for this error. Going forward rates will be applied in the correct month. Navitas did not analyze the AA or BA affect; however, given that the average is 5% to 10% of the EGC It is likely that the total associated amounts for the BA & AA is +/- less than one-thousand dollars.

BA

Actual Adjustment

Input error found (skipped Enbridge SEP 19 entry), corrected NOV 19
See note on SEP 19 EGC, total gas cost for the month input incorrectly (off by \$0.0043)
Moved amount of 2019-00241 JAN 14, 2020 Order from AA to RA

RA

Refund adjustment from order 2019-00241 dated JAN 14, 2020

EGC

Coded EGC to expected billing month

Summary

Updated

Cover page

Billing date added

Schedule I
Gas Cost Recovery Rate Summary

Navitas KY NG, LLC

Component	
Expected Gas Cost (EGC)	6.3006
+ Refund Adjustment (RA)	(0.2640)
+ Actual Adjustment (AA)	0.9302
+ Balance Adjustment(BA)	0.0203
= Gas Cost Recovery Rate	\$ 6.9871

A. Expected Gas Cost Calculation

Total EGC	\$ 617,648.39
/ Twelve months sales	98,030
EGC	\$ 6.3006

B. Refund Adjustment Calculation

Refund Adjustment for reporting period	(0.2640)
+ Previous quarter RA	-
+ Second previous quarter RA	-
+ Third previous quarter RA	-
+ Other cost adjustments	
= Refund Adjustment	\$ (0.2640)

C. Actual Adjustment Calculation

Actual Adjustment for reporting period	0.9469
+ Previous quarter AA	-
+ Second previous quarter AA	(0.3995)
+ Third previous quarter AA	0.3828
+ Other cost adjustments	
= Actual Adjustment	\$ 0.9302

D. Balance Adjustment Calculation

Balance Adjustment for reporting period	(0.0144)
+ Previous quarter BA	-
+ Second previous quarter BA	0.0475
+ Third previous quarter BA	(0.0128)
= Balance Adjustment	\$ 0.0203

Schedule II
Expected Gas Cost

Navitas KY NG, LLC

Supplier or NYMEX		5-yr average sales in MCF	MCF/MMBtu (from supplier)	Prior year purchases in MMBtu	Forecasted price per MMBtu	Converted price per MCF	Subtotal forecasted purchases
Petrol	January	10446	1.0660	11,135	3.19	3.40	35,487.40
Petrol	February	11084	1.0670	11,827	3.19	3.40	37,690.87
Petrol	March	11282	1.0710	12,083	3.19	3.41	38,509.35
Petrol	April	8724	1.0650	9,291	3.19	3.39	29,611.50
Petrol	May	6926	1.0660	7,383	3.19	3.40	23,528.26
Petrol	June	5578	1.0630	5,929	3.19	3.39	18,895.39
Petrol	July	5064	1.0650	5,393	3.19	3.39	17,188.41
Petrol	August	5675	1.0660	6,049	3.19	3.40	19,278.25
Petrol	September	5643	1.0670	6,021	3.19	3.40	19,189.43
Petrol	October	6536	1.0680	6,981	3.19	3.40	22,247.22
Petrol	November	10361	1.0660	11,045	3.19	3.40	35,199.17
Petrol	December	10711	1.0640	11,397	3.19	3.39	36,320.63
		98,030		104,534			333,145.90

Transportation		Spectra (East TN) demand	B&W pipeline	B&W flow	Subtotal forecasted	Total forecasted cost
	January	1,511.25		28,383.33	29,894.58	65,381.98
	February	1,511.25		30,117.44	31,628.69	69,319.57
	March	1,511.25		30,656.54	32,167.79	70,677.14
	April	1,511.25		23,705.94	25,217.19	54,828.69
	May	1,511.25		18,818.24	20,329.49	43,857.75
	June	1,511.25		15,155.45	16,666.70	35,562.10
	July	1,511.25		13,760.44	15,271.69	32,460.10
	August	1,511.25		15,419.02	16,930.27	36,208.53
	September	1,511.25		15,333.59	16,844.84	36,034.27
	October	1,511.25		17,760.33	19,271.58	41,518.80
	November	1,511.25		28,152.80	29,664.05	64,863.22
	December	1,511.25		29,104.36	30,615.61	66,936.24
					284,502.50	617,648.39

Note - Match last two places to the first expected billing month (e.g. - X.XX06 is May usage billed June 7th)

divide by sales	98,030
per MCF	\$ 6.3006
multiply by allowed purchases (sales / 1)	98,030
Expected Gas Cost	\$ 617,648.39

Schedule IV
Actual Adjustment

Navitas KY NG, LLC

	Third previous quarter			Second previous quarter			Previous quarter			Nov-19
	Feb-19	Actual Mar-19	Apr-19	May-19	Actual Jun-19	Jul-19	Aug-19	Actual Sep-19	Oct-19	
Invoices										
Usage beginning										
Supply										
Petrol & FWM (B&W)	78,824.26	65,804.96	46,880.82	35,879.39	28,667.12	28,577.82	26,171.25	19,555.93	32,578.84	52,705.91
Transportation										
Spectra	1,474.72	1,471.80	1,560.24	1,649.73	1,623.47	1,649.89	1,646.46	1,127.80	1,570.10	1,421.13
B&W	39,834.15	34,733.97	25,275.39	25,780.79	17,664.52	17,088.47	18,816.61	12,577.92	15,406.52	31,183.13
Total cost	120,133.14	102,010.72	73,716.46	63,309.91	47,955.10	47,316.19	46,634.32	33,261.65	49,555.46	85,310.17
Sales in MCF	14,660	12,783	9,302	9,488	6,501	6,289	6,925	4,629	5,670	11,476
Cost per MCF	8.1946	7.9802	7.9248	6.6726	7.3766	7.5236	6.7342	7.1855	8.7399	7.4337
less EGC in effect	6.8250	6.8250	6.8250	7.7326	7.7326	7.7326	7.7163	7.7120	7.7163	6.0000
Delta	1.37	1.16	1.10	(1.06)	(0.36)	(0.21)	(0.98)	(0.53)	1.02	1.43
Monthly cost difference	20,078.64	14,766.75	10,230.31	(10,057.00)	(2,314.53)	(1,314.13)	(6,801.06)	(2,437.20)	5,804.04	16,452.97
Total cost difference / specified 12 mo sales			45,075.70			(13,685.66)			22,442.96	
Actual Adjustment		Actual Adjustment	0.3907		Actual Adjustment	(0.1388)		5-yr Average Actual Adjustment	98,030	
Original cost difference AA Ordered			44,171.57		Original cost difference AA Ordered	(39,395.90) (0.3995)		Original cost difference	81,167.24	
Allocation										
Total KY & TN sales MCF	16,501	14,529	9,924	9,600	6,671	6,374	7,029	4,751	5,875	13,449
KY%	89%	88%	94%	99%	97%	99%	99%	97%	97%	85%
Byrds/Fentress sales CCF	18,414	17,463	6,221	1,115	1,700	845	1,035	1,224	2,045	19,727
original GCA submission	18,414	17,463	8,101	1,115	1,700	785	991	1,103	5,377	
Supply Cost: Petrol										
Invoice	63,312.80	52,742.40	25,548.12	15,100.63	9,725.88	12,790.08	\$ 12,079.20	\$ 9,452.55	\$ 23,805.98	\$ 43,246.49
Allocation	56,247.69	46,403.21	23,946.62	14,925.23	9,478.03	12,620.51	11,901.32	9,209.04	22,977.26	36,903.05
Trans Cost: Enbridge (aka Spectra)										
Invoice (contract 250)	1,659.96	1,672.86	1,664.59	1,669.12	1,665.92	1,672.06	\$ 1,671.07	\$ 1,157.62	\$ 1,626.73	\$ 1,665.41
Allocation	1,474.72	1,471.80	1,560.24	1,649.73	1,623.47	1,649.89	1,646.46	1,127.80	1,570.10	1,421.13
Trans Cost: B&W Pipeline										
TN tariff										
FERC tariff	39,834.15	34,733.97	25,275.39	25,780.79	17,664.52	17,088.47	18,816.61	12,577.92	15,406.52	31,183.13
Allocation (100% w/FERC)	39,834.15	34,733.97	25,275.39	25,780.79	17,664.52	17,088.47	18,816.61	12,577.92	15,406.52	31,183.13
Supply Cost: Sparta (aka FWM)										
Invoice	25,412.35	22,052.25	24,468.00	21,200.40	19,690.88	16,171.72	\$ 14,483.20	\$ 10,620.48	\$ 9,947.88	\$ 18,519.30
Allocation	22,576.57	19,401.75	22,934.20	20,954.15	19,189.09	15,957.31	14,269.92	10,346.89	9,601.58	15,802.87

Schedule V
Balance Adjustment

	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	->Actual	->Average ->			
Sales in MCF	6,306	10,869	12,716	12,306	12,391	13,164	10,761	6,961	6,678	5,672	6,855	6,083	7,301	13,376	13,910	12,228	14,660	12,783	9,302	9,486	6,501	6,289	6,925	4,629	5,670	11,476	11,061	12,603	11,084			
Summary																																
3rd Previous Qtr BA	(0.3770)	0.0021	0.0021	0.0021	0.0024	0.0024	0.0024	(0.0605)	(0.0605)	(0.0605)	(0.0639)	(0.0639)	(0.0639)	0.0052	0.0052	0.0052	(0.0003)	(0.0003)	(0.0003)	(0.0077)	(0.0077)	(0.0077)	0.0178	0.0178	0.0178	(0.0836)	(0.0836)	(0.0836)	(0.0296)	(0.0296)		
2nd Previous Qtr BA	0.0021	0.0024	0.0024	0.0024	(0.0605)	(0.0605)	(0.0605)	(0.0639)	(0.0639)	(0.0639)	0.0052	0.0052	0.0052	(0.0003)	(0.0003)	(0.0003)	(0.0077)	(0.0077)	(0.0077)	0.0178	0.0178	0.0178	(0.0836)	(0.0836)	(0.0836)	(0.0296)	(0.0296)	(0.0296)	(0.0128)	(0.0128)		
Previous Qtr BA	(0.0024)	(0.0605)	(0.0605)	(0.0605)	(0.0639)	(0.0639)	(0.0639)	0.0052	0.0052	0.0052	(0.0003)	(0.0003)	(0.0003)	(0.0077)	(0.0077)	(0.0077)	0.0178	0.0178	0.0178	(0.0836)	(0.0836)	(0.0836)	(0.0296)	(0.0296)	(0.0296)	(0.0128)	(0.0128)	(0.0128)	0.0475	0.0475		
Current Qtr BA	(0.0605)	(0.0639)	(0.0639)	(0.0639)	0.0052	0.0052	0.0052	(0.0003)	(0.0003)	(0.0003)	(0.0077)	(0.0077)	(0.0077)	0.0178	0.0178	0.0178	(0.0836)	(0.0836)	(0.0836)	(0.0296)	(0.0296)	(0.0296)	(0.0128)	(0.0128)	(0.0128)	0.0475	0.0475	0.0475	-	-		
3rd Previous Qtr AA	(0.4149)	(0.1018)	(0.1018)	(0.1018)	(0.0988)	(0.0988)	(0.0988)	(0.1195)	(0.1195)	(0.1195)	(0.0667)	(0.0667)	(0.0667)	0.0150	0.0150	0.0150	(0.0738)	(0.0738)	(0.0738)	(0.1031)	(0.1031)	(0.1031)	(0.1082)	(0.1082)	(0.1082)	(0.0785)	(0.0785)	(0.0785)	0.0051	0.0051		
2nd Previous Qtr AA	0.4021	0.0795	0.0795	0.0795	0.0208	0.0208	0.0208	0.0040	0.0040	0.0040	0.2889	0.2889	0.2889	0.0744	0.0744	0.0744	0.0554	0.0554	0.0554	(0.4419)	(0.4419)	(0.4419)	(0.0987)	(0.0987)	(0.0987)	0.1235	0.1235	0.1235	0.9224	0.9224		
Previous Qtr AA	0.0795	0.0208	0.0208	0.0208	0.0040	0.0040	0.0040	0.2889	0.2889	0.2889	0.0744	0.0744	0.0744	0.0554	0.0554	0.0554	(0.4419)	(0.4419)	(0.4419)	(0.0987)	(0.0987)	(0.0987)	0.1235	0.1235	0.1235	0.9224	0.9224	0.9224	0.3828	0.3828		
Current Qtr AA	0.0040	0.2889	0.2889	0.2889	0.0744	0.0744	0.0744	0.0554	0.0554	0.0554	(0.4419)	(0.4419)	(0.4419)	(0.0987)	(0.0987)	(0.0987)	0.1235	0.1235	0.1235	0.9224	0.9224	0.9224	0.3828	0.3828	0.3828	(0.3995)	(0.3995)	(0.3995)	0.9057	0.9057		
Hardwired numbers to conform to order																																
20,284.01	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	0.2889	
Third previous qtr BA AA																																
Third previous qtr BA AA																																
Second previous qtr BA AA																																
Previous qtr BA AA																																
Balance adjustment BA																																
Third previous quarter AA																																
Second previous quarter AA																																
Previous quarter AA																																

Month	Jul-11	Mar-12	Apr-12	Jul-12	Jan-13	Apr-13	Jul-13	Oct-13	Jan-14	Apr-14	Jul-14	Oct-14	Jan-15	Apr-15	Jul-15	Oct-15	Jan-16	Apr-16	Jul-16	Oct-16	Jan-17	Apr-17	Jul-17	Oct-17	Jan-18	Apr-18	May-18	Jul-18	Oct-18	Jan-19	Apr-19	Jul-19	Aug-19	Sep-19	Oct-19	
Sites in MCF	729	1,929	1,177	1,046	6,073	2,531	810	1,618	6,465	2,178	957	1,749	9,046	9,115	6,062	7,939	11,015	7,794	4,594	5,465	7,634	6,650	2,704	6,306	12,308	10,781	6,961	5,672	7,301	12,228	9,302	6,289	6,925	4,629	5,670	
Recorded																																				
EOC	<u>\$ 7.40</u>	<u>\$ 7.74</u>	<u>\$ 8.14</u>	<u>\$ 5.00</u>	<u>\$ 5.11</u>	<u>\$ 5.07</u>	<u>\$ 5.62</u>	<u>\$ 5.89</u>	<u>\$ 6.19</u>	<u>\$ 6.20</u>	<u>\$ 7.19</u>	<u>\$ 7.70</u>	<u>\$ 8.21</u>	<u>\$ 7.20</u>	<u>\$ 7.19</u>	<u>\$ 6.00</u>	<u>\$ 6.44</u>	<u>\$ 5.93</u>	<u>\$ 5.16</u>	<u>\$ 5.83</u>	<u>\$ 6.29</u>	<u>\$ 6.47</u>	<u>\$ 6.75</u>	<u>\$ 6.41</u>	<u>\$ 7.06</u>	<u>\$ 7.45</u>	<u>\$ 7.81</u>	<u>\$ 7.62</u>	<u>\$ 6.66</u>	<u>\$ 6.86</u>	<u>\$ 6.83</u>	<u>\$ 7.73</u>	<u>\$ 7.72</u>	<u>\$ 7.71</u>	<u>\$ 7.72</u>	
EOC Revenue	5,468	14,934	9,581	5,225	31,001	12,833	4,711	9,207	40,035	13,491	6,880	13,470	74,297	65,656	43,592	47,640	70,917	46,248	23,687	31,843	47,995	43,037	18,253	40,430	86,841	80,207	54,332	43,234	49,521	83,921	63,486	48,630	53,435	36,699	43,751	
Actual																																				
EOC	<u>\$ 7.74</u>	<u>\$ 8.14</u>	<u>\$ 5.00</u>	<u>\$ 5.11</u>	<u>\$ 5.07</u>	<u>\$ 5.82</u>	<u>\$ 5.69</u>	<u>\$ 6.19</u>	<u>\$ 6.20</u>	<u>\$ 7.19</u>	<u>\$ 7.70</u>	<u>\$ 8.21</u>	<u>\$ 7.20</u>	<u>\$ 7.19</u>	<u>\$ 6.00</u>	<u>\$ 6.44</u>	<u>\$ 5.93</u>	<u>\$ 5.16</u>	<u>\$ 5.83</u>	<u>\$ 6.29</u>	<u>\$ 6.47</u>	<u>\$ 6.75</u>	<u>\$ 6.41</u>	<u>\$ 7.06</u>	<u>\$ 7.45</u>	<u>\$ 7.81</u>	<u>\$ 7.62</u>	<u>\$ 6.65</u>	<u>\$ 6.86</u>	<u>\$ 6.83</u>	<u>\$ 7.73</u>	<u>\$ 7.72</u>	<u>\$ 7.71</u>	<u>\$ 7.72</u>	<u>\$ 6.00</u>	
EOC Revenue	5,725	15,705	5,879	5,338	30,792	14,723	4,607	10,522	40,082	15,644	7,370	14,365	66,159	65,548	38,378	51,113	65,361	40,186	26,768	34,358	49,405	44,889	17,336	44,500	91,723	83,992	53,060	37,683	50,108	83,456	71,929	48,528	53,408	35,719	34,600	
Delta (under/over)	(257)	(771)	3,701	(113)	209	(1,889)	104	(815)	(47)	(2,153)	(490)	(895)	9,137	110	7,216	(3,473)	5,556	6,062	(3,081)	(2,516)	(1,410)	(1,852)	916	(4,070)	(4,882)	(3,785)	1,272	5,541	(1,587)	465	(8,442)	103	30	(20)	9,731	
7,604	Total amount over reported, e.g. - reported as charged to customer but not actually charged.																																			

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	6,083	7,301	13,376	13,910	115,458
2019	12,228	14,660	12,783	9,302	9,488	6,501	6,289	6,925	4,629	5,670	11,476	11,061	111,012
2020	12,603	12,158											
LTM			117,268			118,159			117,392			111,012	
'15-'19 Ave	10,446	11,084	11,282	8,724	6,926	5,578	5,064	5,675	5,643	6,536	10,361	10,711	98,030