

October 20, 2015

**VIA HAND DELIVERY & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 4520 - Gas Cost Recovery Filing (GCR)  
Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid<sup>1</sup> I am submitting an original and nine (9) copies of the Company's monthly filing of gas costs and gas-cost revenue data.

The deferred balance report that is attached covers the 12-month period from November 1, 2014 through October 31, 2015. Based on eleven months of actual data and one month of projected data, the deferred gas cost balance at the end of October 2015 is an under-recovery of approximately \$10.4 million (See attached Schedule 1, page 1). This calculation is based on the November 1, 2014 starting under-collected balance of \$25.8 million, plus the actual gas costs and gas cost revenue for the period of November 1, 2014 through September 30, 2015, and projected gas costs and gas cost revenue for the period of October 1, 2015 through October 31, 2015. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of October 5, 2015.

Details of this deferred balance report are provided on the attached schedules. Schedule 1 summarizes the deferred gas cost activity by GCR category and by month. Schedule 2 provides a breakdown of actual gas costs for November 1, 2014 through September 30, 2015 and revised projected gas costs for October 1, 2015 through October 31, 2015. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2014 through October 31, 2015. Schedule 4 shows the calculation of working capital. The calculation of inventory finance charges is presented on Schedule 5. Schedule 6 presents customer class specific throughput.

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<sup>1</sup>The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

Luly E. Massaro, Commission Clerk  
Docket 4520 – GCR Deferred Report  
October 20, 2015  
Page 2 of 2

Thank you for your attention to this transmittal. If you have any questions, please contact me at 401-784-7288.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jennifer Brooks Hutchinson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer Brooks Hutchinson

Enclosure

cc: Docket 4520 Service List  
Leo Wold, Esq.  
Steve Scialabba  
Bruce Oliver

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below. Paper copies of this filing are being hand delivered to the RI Public Utilities Commission and to the RI Division of Public Utilities and Carriers.

\_\_\_\_\_  
Joanne M. Scanlon

CVYF &S, 2015

Date

**Docket No. 4520 – National Grid – 2014 Annual Gas Cost Recovery Filing (“GCR”) - Service List as of 9/11/14**

<b>Name/Address</b>	<b>E-mail</b>	<b>Phone</b>
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<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a>	401-780-2107
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Office of Energy Resources Marion Gold Christopher Kearns Nicholas Ucci	<a href="mailto:Marion.Gold@energy.ri.gov">Marion.Gold@energy.ri.gov</a>	
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**Deferred Gas Cost Balances**

Line No.	Description	Reference	Nov Actual	Dec Actual	Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	Jul Actual	Aug Actual	Sep Actual	Oct Forecast	Nov-Oct
			30 (a)	31 (b)	31 (c)	28 (d)	31 (e)	30 (f)	31 (g)	30 (h)	31 (i)	31 (j)	30 (k)	31 (l)	365 (m)
2	<b>I. Fixed Cost Deferred</b>														
3	Beginning Balance		(\$7,512,514)	(\$5,401,759)	(\$5,180,202)	(\$8,401,939)	(\$11,113,267)	(\$16,586,201)	(\$17,196,199)	(\$15,222,687)	(\$13,386,753)	(\$10,482,178)	(\$7,796,142)	(\$5,682,585)	(\$7,512,514)
4															
5	Supply Fixed Costs (net of cap rel)	Sch. 2, line 48	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$3,639,523	\$3,922,456	\$3,906,255	\$3,897,003	\$3,606,610	\$3,889,815	\$3,886,886	\$45,083,726
6	LNG Demand to DAC	Dkt 4339	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
7	Supply Related LNG O & M	Dkt 4323	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
8	NGPMP Credits		(\$83,333)	(\$83,333)	(\$1,558,333)	(\$83,333)	(\$2,748,980)	(\$83,333)	(\$83,333)	(\$963,010)	(\$83,333)	(\$83,333)	(\$963,010)	(\$83,333)	(\$6,900,000)
9	Working Capital	Sch. 4, line 15	\$21,289	\$22,521	\$18,383	\$21,100	\$18,702	\$20,241	\$21,870	\$21,776	\$21,723	\$20,051	\$21,682	\$21,665	\$251,003
10	Total Supply Fixed Costs	sum{(4):(9)}	\$3,683,475	\$3,898,667	\$1,700,776	\$3,650,526	\$565,912	\$3,500,330	\$3,784,892	\$2,888,921	\$3,759,292	\$3,467,227	\$2,872,386	\$3,749,117	\$37,521,520
11	Supply Fixed - Revenue	Sch. 3, line 13	\$1,486,014	\$3,671,495	\$4,915,307	\$6,352,502	\$6,024,150	\$4,092,983	\$1,794,180	\$1,038,298	\$842,054	\$771,494	\$751,908	\$950,661	\$32,691,046
12	Prelim. Ending Balance	(3) + (10) - (11)	(\$5,315,053)	(\$5,174,588)	(\$8,394,733)	(\$11,103,915)	(\$16,571,506)	(\$17,178,854)	(\$15,205,487)	(\$13,372,064)	(\$10,469,515)	(\$7,786,445)	(\$5,675,665)	(\$2,884,129)	(\$2,682,040)
13	Month's Average Balance	[(3) + (12)] / 2	(\$6,413,783)	(\$5,288,174)	(\$6,787,467)	(\$9,752,927)	(\$13,842,386)	(\$16,882,528)	(\$16,200,843)	(\$14,297,376)	(\$11,928,134)	(\$9,134,312)	(\$6,735,903)	(\$4,283,577)	
14	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$6,590)	(\$5,614)	(\$7,206)	(\$9,352)	(\$14,696)	(\$17,345)	(\$17,200)	(\$14,689)	(\$12,663)	(\$9,697)	(\$6,920)	(\$4,547)	(\$126,520)
16	Marketer Reconciliation	Dkt 4520	(\$80,117)											(\$80,117)	
17	Fixed Ending Balance	(12) + (15) + (16)	(\$5,401,759)	(\$5,180,202)	(\$8,401,939)	(\$11,113,267)	(\$16,586,201)	(\$17,196,199)	(\$15,222,687)	(\$13,386,753)	(\$10,482,178)	(\$7,796,142)	(\$5,682,585)	(\$2,888,677)	(\$2,808,559)
18	<b>II. Variable Cost Deferred</b>														
19	Beginning Balance		\$33,264,125	\$35,002,943	\$32,356,883	\$35,797,057	\$47,190,223	\$38,999,966	\$25,699,657	\$20,892,063	\$18,688,869	\$17,196,988	\$16,095,772	\$14,971,219	\$33,264,125
20															
21	Variable Supply Costs	Sch. 2, line 94	\$11,252,746	\$16,365,997	\$28,887,903	\$44,042,978	\$21,652,522	\$6,879,185	\$3,813,569	\$2,449,655	\$2,087,361	\$2,049,122	\$1,950,787	\$2,555,352	\$143,987,178
22	Supply Related LNG to DAC	Dkt 4339	(\$599)	(\$113,742)	(\$923)	(\$496,944)	(\$4,929)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$617,137)
23	Supply Related LNG O & M	Dkt 4323	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$572,694
24	Inventory Financing - LNG	Sch. 5, line 22	\$41,542	\$41,387	\$23,617	\$13,283	\$17,352	\$13,336	\$14,270	\$17,352	\$24,194	\$27,190	\$32,953	\$281,705	\$281,705
25	Inventory Financing - UG	Sch. 5, line 12	\$113,748	\$102,613	\$73,713	\$54,137	\$48,072	\$56,504	\$67,668	\$76,291	\$84,861	\$93,033	\$101,117	\$134,080	\$1,005,836
26	Working Capital	Sch. 4, line 30	\$64,785	\$93,574	\$166,320	\$250,721	\$124,638	\$39,608	\$21,957	\$14,104	\$12,018	\$11,798	\$11,232	\$14,713	\$825,469
27	Total Supply Variable Costs	sum{(20):(26)}	\$11,519,948	\$16,537,553	\$29,198,355	\$43,911,899	\$21,879,833	\$7,036,357	\$3,965,188	\$2,605,126	\$2,252,741	\$2,225,871	\$2,138,051	\$2,784,822	\$146,055,744
28	Supply Variable - Revenue	Sch. 3, line 30	\$9,816,180	\$19,219,351	\$25,794,339	\$32,558,502	\$30,175,864	\$20,369,885	\$8,797,501	\$4,828,643	\$3,763,661	\$3,344,750	\$3,278,555	\$4,443,453	\$166,390,684
29	Prelim. Ending Balance	(19) + (27) - (28)	\$34,967,893	\$32,321,146	\$35,760,899	\$47,150,454	\$38,894,192	\$25,666,438	\$20,867,344	\$18,668,547	\$17,177,949	\$16,078,109	\$14,955,268	\$13,312,588	\$12,929,186
30	Month's Average Balance	[(19) + (29)] / 2	\$34,116,009	\$33,662,044	\$34,058,891	\$41,473,755	\$43,042,208	\$32,333,202	\$23,283,501	\$19,780,305	\$17,933,409	\$16,637,549	\$15,525,520	\$14,141,903	
31	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
32	Interest Applied	[(30) * (31)] / 365 * (1)	\$35,051	\$35,737	\$36,158	\$39,769	\$45,695	\$33,219	\$24,719	\$20,322	\$19,039	\$17,663	\$15,951	\$15,014	\$338,338
33	Gas Procurement Incentive/(penalty)		\$0	\$0	\$0	\$0	\$60,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,078
34	Variable Ending Balance	(29) + (32) + (33)	\$35,002,943	\$32,356,883	\$35,797,057	\$47,190,223	\$38,999,966	\$25,699,657	\$20,892,063	\$18,688,869	\$17,196,988	\$16,095,772	\$14,971,219	\$13,327,601	\$13,327,601
35	<b>GCR Deferred Summary</b>														
36	Beginning Balance	(3) + (19)	\$25,751,611	\$29,601,184	\$27,176,681	\$27,395,118	\$36,076,956	\$22,413,765	\$8,503,458	\$5,669,376	\$5,302,116	\$6,714,809	\$8,299,630	\$9,288,634	\$25,751,611
37	Gas Costs	sum{(4):(7),(16),(20):(23)}	\$14,965,275	\$20,259,458	\$32,175,432	\$47,306,517	\$24,991,508	\$10,490,332	\$7,707,649	\$6,327,534	\$5,955,988	\$5,627,356	\$5,812,226	\$6,413,862	\$188,033,136
38	Inventory Finance	(24) + (25)	\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$69,840	\$81,938	\$93,643	\$105,637	\$117,227	\$128,307	\$167,032	\$1,287,541
39	Working Capital	(9) + (26)	\$86,075	\$116,095	\$184,703	\$271,821	\$143,340	\$59,848	\$43,827	\$35,881	\$33,741	\$31,849	\$32,914	\$36,378	\$1,076,471
40	NGPMP Credits	(8)	(\$83,333)	(\$83,333)	(\$1,558,333)	(\$83,333)	(\$2,748,980)	(\$83,333)	(\$83,333)	(\$963,010)	(\$83,333)	(\$83,333)	(\$963,010)	(\$83,333)	(\$6,900,000)
41	Total Costs	sum{(37):(40)}	\$15,123,306	\$20,436,220	\$30,899,132	\$47,562,424	\$22,445,745	\$10,536,687	\$7,750,080	\$5,494,047	\$6,012,034	\$5,693,098	\$5,010,437	\$6,533,939	\$183,497,147
42	Revenue	(11) + (28)	\$11,302,194	\$22,890,846	\$30,709,647	\$38,911,004	\$36,200,014	\$24,462,868	\$10,591,681	\$5,866,941	\$4,605,715	\$4,116,243	\$4,030,463	\$5,394,114	\$199,081,730
43	Prelim. Ending Balance	(36) + (41) - (42)	\$29,572,723	\$27,146,558	\$27,366,166	\$36,046,539	\$22,322,687	\$8,487,584	\$5,661,857	\$5,296,483	\$6,708,434	\$8,291,664	\$9,279,603	\$10,428,458	
44	Month's Average Balance	[(36) + (43)] / 2	\$27,662,167	\$28,373,871	\$27,271,423	\$31,720,829	\$29,199,821	\$15,450,674	\$7,082,657	\$5,482,929	\$6,005,275	\$7,503,237	\$8,789,617	\$9,858,546	
45	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
46	Interest Applied	(15) + (32)	\$28,461	\$30,123	\$28,953	\$30,417	\$31,000	\$15,874	\$7,519	\$5,633	\$6,375	\$7,966	\$9,030	\$10,466	\$211,818
47	Gas Purchase Plan Incentives/(Penalties)	(33)	\$0	\$0	\$0	\$0	\$60,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,078
48															
49	<b>Ending Bal. W/ Interest</b>	(43) + (46) + (47)	<b>\$29,601,184</b>	<b>\$27,176,681</b>	<b>\$27,395,118</b>	<b>\$36,076,956</b>	<b>\$22,413,765</b>	<b>\$8,503,458</b>	<b>\$5,669,376</b>	<b>\$5,302,116</b>	<b>\$6,714,809</b>	<b>\$8,299,630</b>	<b>\$9,288,634</b>	<b>\$10,438,925</b>	\$10,438,925

Supply Estimate and Actuals for Filing

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov-Oct
			Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Actual (k)	Forecast (l)	
<b>Projected Gas Costs using 10/5/2015 NYMEX settled</b>															
1	<b>SUPPLY FIXED COSTS - Pipeline Delivery</b>														
2	Algonquin (includes East to West, Hubline, AMA credits)		\$855,339	\$862,237	\$854,036	\$866,048	\$860,386	\$860,386	\$860,386	\$860,386	\$860,386	\$860,386	\$860,386	\$819,542	\$10,279,904
3	TETCO/Texas Eastern		\$706,290	\$695,027	\$696,795	\$725,745	\$724,892	\$724,878	\$724,892	\$724,885	\$722,250	\$723,058	\$706,305	\$724,885	\$8,637,002
4	Tennessee		\$1,002,525	\$1,014,199	\$1,002,620	\$1,050,989	\$1,060,237	\$1,002,992	\$1,017,763	\$1,048,710	\$1,067,794	\$775,741	\$1,048,712	\$1,000,218	\$12,092,500
5	NETNE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois		\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$80,115
7	Union		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,475	\$2,475
8	Transcanada		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,648	\$12,648
9	Dominion		\$2,232	\$1,730	\$1,981	\$1,981	\$1,981	(\$28,714)	(\$28,714)	(\$28,714)	(\$32,952)	(\$28,714)	(\$28,714)	\$2,250	(\$164,368)
10	Tranco		\$6,927	\$5,088	\$2,880	\$4,533	\$5,019	\$4,869	\$5,032	\$4,869	\$5,032	\$5,032	\$4,869	\$5,019	\$59,171
11	National Fuel		\$4,664	\$4,667	\$4,667	\$4,667	\$4,667	\$4	\$9,334	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$56,006
12	Columbia		\$287,957	\$278,134	\$277,080	\$274,807	\$307,407	\$282,447	\$300,702	\$283,519	\$283,519	\$283,519	\$283,519	\$287,957	\$3,430,565
13	Alberta Northeast		\$514	\$435	\$406	\$418	\$128	\$345	\$391	\$373	\$433	\$433	\$423	\$0	\$4,298
14	Emera Energy		(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	(\$21,500)	\$0	(\$236,500)
15	Cargill Ltd.		(\$1,534)	(\$1,534)	\$9,195	\$19,551	\$15,397	\$12,823	\$14,737	\$15,474	\$12,578	\$13,616	\$15,120	\$0	\$125,423
16			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	Less Credits from Mkter Releases		(\$540,578)	(\$559,686)	(\$563,119)	(\$534,564)	(\$578,159)	(\$788,231)	(\$586,715)	(\$575,515)	(\$596,794)	(\$597,573)	(\$588,952)	(\$560,502)	(\$7,070,387)
22			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	<b>Supply Fixed - Supplier</b>														
24	Distrigas FCS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26															
27	<b>STORAGE FIXED COSTS - Facilities</b>														
28	Texas Eastern		\$93,742	\$93,741	\$93,741	\$85,681	\$85,672	\$85,768	\$85,636	\$85,639	\$85,500	\$85,299	\$84,771	\$93,742	\$1,058,931
29	Dominion		\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,782	\$995,423
30	Tennessee		\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$597,648
31	Columbia		\$9,735	\$9,735	\$9,735	\$9,694	\$11,866	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,735	\$118,663
32			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	<b>STORAGE FIXED COSTS - Delivery</b>														
42	Algonquin		\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$2,531,011
43	TETCO		\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$1,049,985
44	Tennessee		\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$1,089,382
45	Dominion		\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$371,353
46	Columbia		\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$180,125
47	<b>Confidential Pipelime and Peaking Supplies</b>		\$840,705	\$1,078,705	\$373,708	\$726,206	\$319,695	\$919,159	\$919,124	\$919,159	\$919,159	\$919,159	\$919,159	\$928,414	\$9,782,353
48	<b>TOTAL FIXED COSTS</b>	sum(2):(47)]	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$3,639,523	\$3,922,456	\$3,906,255	\$3,897,003	\$3,606,610	\$3,889,815	\$3,886,886	\$45,083,726

Supply Estimate and Actuals for Filing

Line No.	Description	Reference	<u>Nov Actual</u> (a)	<u>Dec Actual</u> (b)	<u>Jan Actual</u> (c)	<u>Feb Actual</u> (d)	<u>Mar Actual</u> (e)	<u>Apr Actual</u> (f)	<u>May Actual</u> (g)	<u>Jun Actual</u> (h)	<u>Jul Actual</u> (i)	<u>Aug Actual</u> (j)	<u>Sep Actual</u> (k)	<u>Oct Forecast</u> (l)	Nov-Oct (m)
<b>Projected Gas Costs using 10/5/2015 NYMEX settled</b>															
49	<b>VARIABLE SUPPLY COSTS (Includes Injections)</b>														
50	Tennessee (Includes ANE and Niagara)													\$1,203,093	\$1,203,093
51	TETCO (Includes B&W)													\$0	\$0
52	M3 Delivered													\$288,250	\$288,250
53	Maumee													\$0	\$0
54	Broadrun Col													\$0	\$0
55	Columbia Eagle and Downingtown													\$18,832	\$18,832
56	TETCO M2													\$915,460	\$915,460
57	Dominion to TETCO FTS													\$0	\$0
58	Transco Zone 3													\$0	\$0
59	DistriGas FCS													\$0	\$0
60	Hubline													\$0	\$0
61	Total Pipeline Commodity Charges	sum[(50):(60)]	\$9,202,984	\$13,099,738	\$17,253,140	\$33,817,381	\$13,497,416	\$3,956,859	\$1,331,586	\$1,034,504	\$784,238	\$757,037	\$470,995	\$2,425,635	\$97,631,513
62	Hedging Settlements and Amortization		\$791,460	\$460,848	\$5,227,292	\$5,025,737	\$5,068,034	\$2,388,865	\$1,523,483	\$727,053	\$651,262	\$534,652	\$656,556	\$755,897	\$23,811,138
63	Hedging Contracts - Commission & Other Fees		(\$47,803)	(\$226,636)	(\$256,901)	(\$236,641)	(\$217,486)	\$1,182	\$1,348	\$606	\$435	\$802	\$652	\$0	(\$980,444)
64	Hedging Contracts - Net Carry of Collateral		\$1,519	\$2,740	\$6,327	\$9,918	\$10,046	\$10,779	\$12,212	\$7,767	\$9,513	\$11,818	\$11,409	\$0	\$94,049
65	Refunds		(\$87)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$87)
66	Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$700,375)	(\$700,375)
67	<b>TOTAL VARIABLE SUPPLY COSTS</b>	sum[(61):(66)]	\$9,948,073	\$13,336,690	\$22,229,859	\$38,616,395	\$18,358,008	\$6,357,685	\$2,868,630	\$1,769,930	\$1,445,448	\$1,304,308	\$1,139,612	\$2,481,158	\$119,855,795
68	Underground Storage		\$1,040,025	\$2,384,731	\$4,099,848	\$2,966,943	\$1,759,100	\$363,616	\$101,983	\$126,608	\$98,426	\$177,278	\$219,245	\$0	\$13,337,803
69	LNG Withdrawals and Trucking		\$115,146	\$325,794	\$2,488,633	\$1,926,040	\$151,349	\$95,504	\$109,426	\$103,370	\$129,000	\$112,980	\$122,273	\$74,194	\$5,753,709
70	Storage Delivery Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	<b>TOTAL VARIABLE STORAGE COSTS</b>	sum[(68):(70)]	\$1,155,171	\$2,710,525	\$6,588,481	\$4,892,983	\$1,910,449	\$459,120	\$211,410	\$229,978	\$227,426	\$290,258	\$341,518	\$74,194	\$19,091,512
72	<b>TOTAL VARIABLE COSTS</b>	(67) + (71)	\$11,103,245	\$16,047,215	\$28,818,340	\$43,509,377	\$20,268,457	\$6,816,804	\$3,080,039	\$1,999,908	\$1,672,874	\$1,594,566	\$1,481,130	\$2,555,352	\$138,947,307
73	<b>TOTAL SUPPLY COSTS</b>	(48) + (72)	\$14,924,865	\$20,082,795	\$32,135,168	\$47,298,237	\$23,640,748	\$10,456,327	\$7,002,496	\$5,906,163	\$5,569,877	\$5,201,176	\$5,370,944	\$6,442,238	\$184,031,033

Supply Estimate and Actuals for Filing

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov-Oct
			Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Actual (k)	Forecast (l)	
<b>Projected Gas Costs using 10/5/2015 NYMEX settled</b>															
74	<b>Storage Costs for FT-2 Calculation</b>														
75	Storage Fixed Costs - Facilities		\$399,988	\$399,987	\$399,988	\$391,886	\$394,049	\$391,973	\$391,841	\$391,844	\$391,705	\$391,504	\$390,976	\$399,803	\$4,735,545
76	Storage Fixed Costs - Deliveries		\$1,058,487	\$1,567,320	\$862,323	\$1,214,821	\$540,155	\$1,138,280	\$1,138,245	\$1,138,280	\$1,138,280	\$1,138,280	\$1,138,280	\$1,147,534	\$13,220,283
77	sub-total Storage Costs	sum[(75):(76)]	\$1,458,475	\$1,967,307	\$1,262,310	\$1,606,708	\$934,204	\$1,530,253	\$1,530,086	\$1,530,124	\$1,529,985	\$1,529,784	\$1,529,256	\$1,547,337	\$17,955,828
78	LNG Demand to DAC		(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
79	Inventory Financing		\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$69,840	\$81,938	\$93,643	\$105,637	\$117,227	\$128,307	\$167,032	\$1,287,541
80	Supply related LNG O&M Costs		\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
81	Working Capital Requirement		\$21,289	\$22,521	\$18,383	\$21,100	\$18,702	\$20,241	\$21,870	\$21,776	\$21,723	\$20,051	\$21,682	\$21,665	\$251,003
82	Total FT-2 Storage Fixed Costs	sum[(77):(81)]	\$1,558,953	\$2,057,727	\$1,301,923	\$1,619,127	\$936,682	\$1,544,233	\$1,557,793	\$1,569,442	\$1,581,244	\$1,590,962	\$1,603,144	\$1,659,933	\$18,581,163
83	System Storage MDQ (Dth)		143,443	174,049	174,226	175,597	177,637	179,530	182,826	182,581	183,139	187,316	187,859	149,325	2,097,526
84	FT-2 Storage Cost per MDQ (Dth)	(82) / (83)	\$10.8681	\$11.8227	\$7.4726	\$9.2207	\$5.2730	\$8.6015	\$8.5207	\$8.5959	\$8.6341	\$8.4934	\$8.5338	\$11.1162	\$8.8586
85	Pipeline Variable	(72)	\$11,103,245	\$16,047,215	\$28,818,340	\$43,509,377	\$20,268,457	\$6,816,804	\$3,080,039	\$1,999,908	\$1,672,874	\$1,594,566	\$1,481,130	\$2,555,352	\$138,947,307
86	Less Non-firm Gas Costs		(\$43,846)	(\$286,045)	(\$492,747)	(\$103,835)	\$121,115	(\$78,627)	(\$76,517)	(\$33,023)	(\$5,698)	(\$11,298)	(\$24,192)	\$0	(\$1,034,715)
87	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
88	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
89	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
90	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
91	Mkter Over-takes/Undertakes		\$151,304	\$135,712	\$224,143	\$143,957	\$660,828	(\$231,773)	\$395,251	\$67,294	\$15,338	\$23,820	\$50,884	\$0	\$1,636,759
92	Plus Pipeline Srchg/Credit		\$63,793	\$407,317	\$421,307	\$422,953	\$383,560	\$429,410	\$420,924	\$434,954	\$421,819	\$442,384	\$442,965	\$0	\$4,291,387
93	Less Mkter FT-2 Daily weather true-up		(\$21,749)	\$61,798	(\$83,139)	\$70,525	\$218,562	(\$56,630)	(\$6,129)	(\$19,478)	(\$16,971)	(\$350)	\$0	\$0	\$146,439
94	<b>TOTAL FIRM COMMODITY COSTS</b>	sum[(85):(93)]	\$11,252,746	\$16,365,997	\$28,887,903	\$44,042,978	\$21,652,522	\$6,879,185	\$3,813,569	\$2,449,655	\$2,087,361	\$2,049,122	\$1,950,787	\$2,555,352	\$143,987,178

**GCR Revenue**

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	Jun Actual (h)	Jul Actual (i)	Aug Actual (j)	Sep Actual (k)	Oct Forecast (l)	Nov-Oct (m)
1	<b>I. Fixed Cost Revenue --</b>														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,398,242	3,144,673	4,295,793	5,562,992	5,137,927	3,441,723	1,494,047	776,700	606,897	539,088	526,359	745,617	27,670,057
3	Fixed Cost Factor	(4) / (2)	\$0.9887	\$1.0538	\$1.0481	\$1.0483	\$1.0480	\$1.0485	\$1.0480	\$1.0478	\$1.0503	\$1.0566	\$1.0476	\$1.0478	
4	Low Load Revenue		\$1,382,374	\$3,313,789	\$4,502,354	\$5,831,792	\$5,384,689	\$3,608,550	\$1,565,727	\$813,788	\$637,411	\$569,606	\$551,416	\$781,258	\$28,942,755
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	(74,749)	259,760	239,726	214,922	204,923	169,715	87,872	84,125	58,324	52,614	50,484	47,106	1,394,821
6	Fixed Cost Factor	(7) / (5)	\$0.4223	\$0.8237	\$0.9125	\$0.8845	\$0.8888	\$0.8783	\$0.8831	\$0.8779	0.8753	0.8754	0.8778	0.8747	
7	High Load Revenue		(\$31,566)	\$213,966	\$218,740	\$190,098	\$182,132	\$149,060	\$77,596	\$73,856	\$51,053	\$46,057	\$44,314	\$41,204	\$1,256,511
8	sub-total throughput Dth	(2) + (5)	1,323,493	3,404,433	4,535,518	5,777,914	5,342,849	3,611,438	1,581,919	860,825	665,221	591,702	576,843	792,724	29,064,879
9	FT-2 Storage Revenue from marketers		\$135,206	\$143,740	\$194,213	\$330,611	\$457,330	\$335,373	\$150,856	\$150,654	\$151,115	\$154,562	\$155,009	\$128,199	\$2,486,868
10	Manchester Steet Volumes (dth)	Monthly Meter Use									2,288	1,172	\$1,080		
11	Fixed cost factor (dth)	Inherent in approved GCR									\$1.0822	\$1.0822	\$1.0822		
12	Manchester Street Revenue	(10) * (11)									\$2,476	\$1,268	\$1,168		
13	<b>TOTAL Fixed Revenue</b>	<b>(4) + (7) + (9) + (12)</b>	<b>\$1,486,014</b>	<b>\$3,671,495</b>	<b>\$4,915,307</b>	<b>\$6,352,502</b>	<b>\$6,024,150</b>	<b>\$4,092,983</b>	<b>\$1,794,180</b>	<b>\$1,038,298</b>	<b>\$842,054</b>	<b>\$771,494</b>	<b>\$751,908</b>	<b>\$950,661</b>	<b>\$32,691,046</b>
14	<b>II. Variable Cost Revenue --</b>														
15	(a) Firm Sales dth	(8)	1,323,493	3,404,433	4,535,518	5,777,914	5,342,849	3,611,438	1,581,919	860,825	665,221	591,702	576,843	792,724	29,064,879
16	Variable Supply Cost Factor	(17) / (15)	\$7.2707	\$5.6266	\$5.6195	\$5.6103	\$5.6099	\$5.6098	\$5.6092	\$5.6071	\$5.6178	\$5.6486	\$5.6061	\$5.6053	
17	Variable Supply Revenue		\$9,622,772	\$19,155,252	\$25,487,489	\$32,415,893	\$29,973,022	\$20,259,475	\$8,873,255	\$4,826,720	\$3,737,046	\$3,342,306	\$3,233,827	\$4,443,453	\$165,370,511
18	(b) TSS Sales dth	Sch. 6, line 20	15,052	31,258	42,532	57,995	51,330	37,964	17,740	14,933	9,328	8,662	5,281	\$0.0000	292,075
19	TSS Surcharge Factor	Company's website	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	(c) Default Sales dth	Sch. 6, line 60	19,277	5,635	11,253	12,896	13,353	7,386	195	261	835	(1,362)	5,248	-	74,976
22	Variable Supply Cost Factor	(23) / (21)	\$8.92	\$6.12	\$25.12	\$11.95	\$13.46	\$11.70	(\$317.69)	\$6.65	\$6.65	\$6.65	\$6.65	\$0.00	
23	Variable Supply Revenue		\$171,860	\$34,482	\$282,666	\$154,132	\$179,722	\$86,420	(\$61,981)	\$1,735	\$5,554	(\$9,057)	\$34,910	\$0	\$880,443
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		\$21,547	\$23,909	\$24,184	(\$11,523)	\$23,120	\$23,989	(\$13,773)	\$188	\$7,816	\$4,716	\$3,568	\$0	\$107,741
26	(e) FT-1 Storage and Peaking			\$5,708											
27	Manchester Steet Volumes (dth)	Monthly Meter Use									2,288	1,172	\$1,080		
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR									\$5.7894	\$5.7894	\$5.7894		
29	Manchester Street Revenue	(27) * (28)									\$13,244	\$6,785	\$6,250		
30	<b>TOTAL Variable Revenue</b>	<b>(17)+(20)+(23)+(24)+(25)+(26)+(29)</b>	<b>\$9,816,180</b>	<b>\$19,219,351</b>	<b>\$25,794,339</b>	<b>\$32,558,502</b>	<b>\$30,175,864</b>	<b>\$20,369,885</b>	<b>\$8,797,501</b>	<b>\$4,828,643</b>	<b>\$3,763,661</b>	<b>\$3,344,750</b>	<b>\$3,278,555</b>	<b>\$4,443,453</b>	<b>\$166,390,684</b>
31	<b>Total Gas Cost Revenue (w/o FT-2)</b>	<b>(13) + (30)</b>	<b>\$11,302,194</b>	<b>\$22,890,846</b>	<b>\$30,709,647</b>	<b>\$38,911,004</b>	<b>\$36,200,014</b>	<b>\$24,462,868</b>	<b>\$10,591,681</b>	<b>\$5,866,941</b>	<b>\$4,605,715</b>	<b>\$4,116,243</b>	<b>\$4,030,463</b>	<b>\$5,394,114</b>	<b>\$199,081,730</b>

Lines 12 and 29: Pursuant to the Division of Public Utilities and Carriers' approval in Docket No. D-15-04 of the Company's transportation contract for gas delivered to Manchester St. Station, beginning in July 2015, the Company is crediting imputed revenue to offset the gas costs associated with heater gas used at Manchester St. Station

**WORKING CAPITAL**

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov-Oct</u>
			<u>Actual</u> (a)	<u>Actual</u> (b)	<u>Actual</u> (c)	<u>Actual</u> (d)	<u>Actual</u> (e)	<u>Actual</u> (f)	<u>Actual</u> (g)	<u>Actual</u> (h)	<u>Actual</u> (i)	<u>Actual</u> (j)	<u>Actual</u> (k)	<u>Forecast</u> (l)	(m)
1	<b>Supply Fixed Costs</b>	Sch. 1, line 5	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$3,639,523	\$3,922,456	\$3,906,255	\$3,897,003	\$3,606,610	\$3,889,815	\$3,886,886	\$45,083,726
2	Less: LNG Demand to DAC	Sch. 1, line 6	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
3	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Total Adjustments	(2) + (3)	<u>(\$124,066)</u>	<u>(\$1,488,790)</u>											
5	Allowable Working Capital Costs	(1) + (4)	\$3,697,554	\$3,911,514	\$3,192,762	\$3,664,793	\$3,248,225	\$3,515,457	\$3,798,390	\$3,782,189	\$3,772,938	\$3,482,544	\$3,765,749	\$3,762,820	\$43,594,936
6	Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
7	Working Capital Requirement	(5) * (6) / 365	\$217,902	\$230,511	\$188,154	\$215,972	\$191,423	\$207,171	\$223,845	\$222,890	\$222,345	\$205,232	\$221,921	\$221,749	
8	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
9	Return on Working Capital Requirement	(7) * (8)	\$15,798	\$16,712	\$13,641	\$15,658	\$13,878	\$15,020	\$16,229	\$16,160	\$16,120	\$14,879	\$16,089	\$16,077	
10	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
11	Interest Expense	(7) * (10)	\$5,600	\$5,924	\$4,836	\$5,550	\$4,920	\$5,324	\$5,753	\$5,728	\$5,714	\$5,274	\$5,703	\$5,699	
12	Taxable Income	(9) - (11)	\$10,198	\$10,788	\$8,806	\$10,107	\$8,959	\$9,696	\$10,476	\$10,431	\$10,406	\$9,605	\$10,386	\$10,378	
13	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
14	Return and Tax Requirement	(12) / (13)	\$15,689	\$16,597	\$13,547	\$15,550	\$13,782	\$14,916	\$16,117	\$16,048	\$16,009	\$14,777	\$15,978	\$15,966	
15	<b>Supply Fixed Working Capital Requirement</b>	(11) + (14)	<u>\$21,289</u>	<u>\$22,521</u>	<u>\$18,383</u>	<u>\$21,100</u>	<u>\$18,702</u>	<u>\$20,241</u>	<u>\$21,870</u>	<u>\$21,776</u>	<u>\$21,723</u>	<u>\$20,051</u>	<u>\$21,682</u>	<u>\$21,665</u>	<u>\$251,003</u>
16	<b>Supply Variable Costs</b>	Sch. 1, line 21	\$11,252,746	\$16,365,997	\$28,887,903	\$44,042,978	\$21,652,522	\$6,879,185	\$3,813,569	\$2,449,655	\$2,087,361	\$2,049,122	\$1,950,787	\$2,555,352	\$143,987,178
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 22	(\$599)	(\$113,742)	(\$923)	(\$496,944)	(\$4,929)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$617,137)
18	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Total Adjustments	(17) + (18)	<u>(\$599)</u>	<u>(\$113,742)</u>	<u>(\$923)</u>	<u>(\$496,944)</u>	<u>(\$4,929)</u>	<u>\$0</u>	<u>(\$617,137)</u>						
20	Allowable Working Capital Costs	(16) + (19)	\$11,252,148	\$16,252,255	\$28,886,980	\$43,546,034	\$21,647,593	\$6,879,185	\$3,813,569	\$2,449,655	\$2,087,361	\$2,049,122	\$1,950,787	\$2,555,352	\$143,370,041
21	Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
22	Working Capital Requirement	(20) * (21) / 365	\$663,106	\$957,770	\$1,702,353	\$2,566,233	\$1,275,725	\$405,401	\$224,739	\$144,362	\$123,011	\$120,758	\$114,963	\$150,591	
23	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
24	Return on Working Capital Requirement	(22) * (23)	\$48,075	\$69,438	\$123,421	\$186,052	\$92,490	\$29,392	\$16,294	\$10,466	\$8,918	\$8,755	\$8,335	\$10,918	
25	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
26	Interest Expense	(22) * (25)	\$17,042	\$24,615	\$43,750	\$65,952	\$32,786	\$10,419	\$5,776	\$3,710	\$3,161	\$3,103	\$2,955	\$3,870	
27	Taxable Income	(24) - (26)	\$31,033	\$44,824	\$79,670	\$120,100	\$59,704	\$18,973	\$10,518	\$6,756	\$5,757	\$5,651	\$5,380	\$7,048	
28	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
29	Return and Tax Requirement	(27) / (28)	\$47,744	\$68,959	\$122,569	\$184,769	\$91,852	\$29,189	\$16,181	\$10,394	\$8,857	\$8,695	\$8,277	\$10,843	
30	<b>Supply Variable Working Capital Requirement</b>	(26) + (29)	<u>\$64,785</u>	<u>\$93,574</u>	<u>\$166,320</u>	<u>\$250,721</u>	<u>\$124,638</u>	<u>\$39,608</u>	<u>\$21,957</u>	<u>\$14,104</u>	<u>\$12,018</u>	<u>\$11,798</u>	<u>\$11,232</u>	<u>\$14,713</u>	<u>\$825,469</u>

**INVENTORY FINANCE**

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov-Oct</u>
			<u>Actual</u> (a)	<u>Actual</u> (b)	<u>Actual</u> (c)	<u>Actual</u> (d)	<u>Actual</u> (e)	<u>Actual</u> (f)	<u>Actual</u> (g)	<u>Actual</u> (h)	<u>Actual</u> (i)	<u>Actual</u> (j)	<u>Actual</u> (k)	<u>Forecast</u> (l)	<u>Forecast</u> (m)
1	<b>Storage Inventory Balance</b>		\$14,916,162	\$13,319,725	\$9,511,474	\$6,868,185	\$5,904,442	\$6,375,332	\$7,148,665	\$7,792,252	\$8,425,443	\$9,046,406	\$9,505,896	\$13,554,526	
2	Monthly Storage Deferral/Amortization		(\$945,105)	(\$716,290)	(\$457,630)	(\$218,866)	\$1	\$564,746	\$1,162,656	\$1,578,183	\$1,997,601	\$2,380,359	\$2,913,810	\$2,913,810	
3	<b>Subtotal</b>	(1) + (2)	<b>\$13,971,057</b>	<b>\$12,603,435</b>	<b>\$9,053,844</b>	<b>\$6,649,319</b>	<b>\$5,904,443</b>	<b>\$6,940,078</b>	<b>\$8,311,321</b>	<b>\$9,370,435</b>	<b>\$10,423,044</b>	<b>\$11,426,765</b>	<b>\$12,419,706</b>	<b>\$16,468,336</b>	
4	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
5	Return on Working Capital Requirement	(3) * (4)	\$1,012,902	\$913,749	\$656,404	\$482,076	\$428,072	\$503,156	\$602,571	\$679,357	\$755,671	\$828,440	\$900,429	\$1,193,954	\$8,956,779
6	Weighted Cost of Debt	Dkt 4323	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
7	Interest Charges Financed	(3) * (6)	\$359,056	\$323,908	\$232,684	\$170,888	\$151,744	\$178,360	\$213,601	\$240,820	\$267,872	\$293,668	\$319,186	\$423,236	\$3,175,024
8	Taxable Income	(5) - (7)	\$653,845	\$589,841	\$423,720	\$311,188	\$276,328	\$324,796	\$388,970	\$438,536	\$487,798	\$534,773	\$581,242	\$770,718	
9	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
10	Return and Tax Requirement	(8) / (9)	\$1,005,916	\$907,447	\$651,877	\$478,751	\$425,120	\$499,686	\$598,415	\$674,671	\$750,459	\$822,727	\$894,219	\$1,185,720	\$8,895,008
11	Working Capital Requirement	(7) + (10)	\$1,364,972	\$1,231,356	\$884,561	\$649,639	\$576,864	\$678,046	\$812,016	\$915,491	\$1,018,331	\$1,116,395	\$1,213,405	\$1,608,956	\$12,070,032
12	Monthly Average	(11) / 12	\$113,748	\$102,613	\$73,713	\$54,137	\$48,072	\$56,504	\$67,668	\$76,291	\$84,861	\$93,033	\$101,117	\$134,080	\$1,005,836
13	<b>LNG Inventory Balance</b>		\$5,102,406	\$5,083,349	\$2,900,789	\$1,631,457	\$1,449,914	\$1,638,036	\$1,752,681	\$2,131,212	\$2,551,825	\$2,971,655	\$3,339,634	\$4,047,403	
14	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
15	Return on Working Capital Requirement	(13) * (14)	\$369,924	\$368,543	\$210,307	\$118,281	\$105,119	\$118,758	\$127,069	\$154,513	\$185,007	\$215,445	\$242,123	\$293,437	\$2,508,526
16	Weighted Cost of Debt	Dkt 4323	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
17	Interest Charges Financed	(13) * (16)	\$131,132	\$130,642	\$74,550	\$41,928	\$37,263	\$42,098	\$45,044	\$54,772	\$65,582	\$76,372	\$85,829	\$104,018	\$889,229
18	Taxable Income	(15) - (17)	\$238,793	\$237,901	\$135,757	\$76,352	\$67,856	\$76,660	\$82,025	\$99,741	\$119,425	\$139,073	\$156,295	\$189,418	
19	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
20	Return and Tax Requirement	(18) / (19)	\$367,373	\$366,001	\$208,857	\$117,465	\$104,394	\$117,939	\$126,193	\$153,447	\$183,731	\$213,959	\$240,454	\$291,413	\$2,491,226
21	Working Capital Requirement	(17) + (20)	\$498,505	\$496,643	\$283,407	\$159,393	\$141,657	\$160,036	\$171,237	\$208,219	\$249,313	\$290,331	\$326,282	\$395,431	\$3,380,455
22	Monthly Average	(21) / 12	\$41,542	\$41,387	\$23,617	\$13,283	\$11,805	\$13,336	\$14,270	\$17,352	\$20,776	\$24,194	\$27,190	\$32,953	\$281,705
23	<b>TOTAL GCR Inventory Financing Costs</b>	(12) + (22)	<b>\$155,290</b>	<b>\$144,000</b>	<b>\$97,331</b>	<b>\$67,419</b>	<b>\$59,877</b>	<b>\$69,840</b>	<b>\$81,938</b>	<b>\$93,643</b>	<b>\$105,637</b>	<b>\$117,227</b>	<b>\$128,307</b>	<b>\$167,032</b>	<b>\$1,287,541</b>

Actual Dth Usage for Filing

Line No.	Rate Class	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
		Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Actual (k)	Forecast (l)	(m)
<b>THROUGHPUT (Dth)</b>														
1	<b>SALES</b>													
2	Residential Non-Heating	56,635	74,913	97,349	123,153	116,760	83,622	45,364	29,503	23,827	21,194	20,827	30,965	724,112
3	Residential Non-Heating Low Income	2,753	2,976	4,006	4,900	4,353	4,329	2,015	1,051	787	728	593	0	28,492
4	Residential Heating	954,909	2,132,202	2,877,504	3,747,011	3,449,650	2,298,799	1,005,002	502,341	400,977	346,347	343,276	539,594	18,597,609
5	Residential Heating Low Income	100,792	213,885	282,745	352,717	318,259	247,469	109,620	61,630	49,907	40,759	40,160	0	1,817,942
6	Small C&I	113,249	292,468	439,525	597,057	549,888	338,002	125,776	58,890	47,382	43,390	42,914	61,132	2,709,672
7	Medium C&I	178,359	381,774	521,529	651,611	613,387	408,835	197,016	114,481	88,610	76,911	82,998	100,796	3,416,307
8	Large LLF	33,489	86,758	120,493	141,284	147,542	101,589	45,229	11,989	10,474	25,083	11,388	20,838	756,156
9	Large HLF	15,270	18,169	24,633	22,930	25,819	31,088	15,252	19,782	8,379	11,266	11,420	5,045	209,052
10	Extra Large LLF	5,189	9,565	16,279	19,829	11,954	12,084	(4,815)	14,341	1,735	(628)	1,821	23,257	110,611
11	Extra Large HLF	(152,203)	160,465	108,923	59,429	53,908	47,657	23,721	31,883	23,815	17,991	16,165	11,097	402,851
12	<b>Total Sales</b>	<b>1,308,441</b>	<b>3,373,175</b>	<b>4,492,986</b>	<b>5,719,920</b>	<b>5,291,519</b>	<b>3,573,474</b>	<b>1,564,179</b>	<b>845,891</b>	<b>655,892</b>	<b>583,040</b>	<b>571,562</b>	<b>792,724</b>	<b>28,772,804</b>
13	<b>TSS</b>													
14	Small	301	854	1,327	1,920	2,089	1,345	378	220	185	192	0	0	8,810
15	Medium	9,178	21,446	29,294	38,027	37,104	25,222	11,865	10,534	6,483	5,923	3,175	0	198,250
16	Large LLF	2,777	5,722	7,098	13,537	8,055	8,378	3,976	2,274	1,144	1,112	628	0	54,701
17	Large HLF	2,532	2,704	4,072	3,674	3,313	2,402	1,277	1,687	1,357	1,310	1,478	0	25,806
18	Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Extra Large HLF	264	532	743	837	769	616	245	218	159	125	0	0	4,509
20	<b>Total TSS</b>	<b>15,052</b>	<b>31,258</b>	<b>42,532</b>	<b>57,995</b>	<b>51,330</b>	<b>37,964</b>	<b>17,740</b>	<b>14,933</b>	<b>9,328</b>	<b>8,662</b>	<b>5,281</b>	<b>0</b>	<b>292,075</b>
21	<b>Sales &amp; TSS THROUGHPUT</b>													
22	Residential Non-Heating	56,635	74,913	97,349	123,153	116,760	83,622	45,364	29,503	23,827	21,194	20,827	30,965	724,112
23	Residential Non-Heating Low Income	2,753	2,976	4,006	4,900	4,353	4,329	2,015	1,051	787	728	593	0	28,492
24	Residential Heating	954,909	2,132,202	2,877,504	3,747,011	3,449,650	2,298,799	1,005,002	502,341	400,977	346,347	343,276	539,594	18,597,609
25	Residential Heating Low Income	100,792	213,885	282,745	352,717	318,259	247,469	109,620	61,630	49,907	40,759	40,160	0	1,817,942
26	Small C&I	113,550	293,321	440,852	598,976	551,977	339,347	126,153	59,110	47,568	43,581	42,914	61,132	2,718,481
27	Medium C&I	187,537	403,220	550,823	689,638	650,491	434,057	208,882	125,015	95,093	82,834	86,173	100,796	3,614,557
28	Large LLF	36,266	92,480	127,590	154,821	155,597	109,967	49,205	14,263	11,618	26,195	12,016	20,838	810,857
29	Large HLF	17,802	20,873	28,704	26,603	29,132	33,491	16,528	21,469	9,736	12,576	12,898	5,045	234,858
30	Extra Large LLF	5,189	9,565	16,279	19,829	11,954	12,084	(4,815)	14,341	1,735	(628)	1,821	23,257	110,611
31	Extra Large HLF	(151,939)	160,997	109,666	60,266	54,678	48,274	23,965	32,101	23,974	18,116	16,165	11,097	407,360
32	<b>Total Sales &amp; TSS Throughput</b>	<b>1,323,493</b>	<b>3,404,433</b>	<b>4,535,518</b>	<b>5,777,914</b>	<b>5,342,849</b>	<b>3,611,438</b>	<b>1,581,919</b>	<b>860,825</b>	<b>665,221</b>	<b>591,702</b>	<b>576,843</b>	<b>792,724</b>	<b>29,064,879</b>
33	<b>FT-1 TRANSPORTATION</b>													
34	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	428	428
35	FT-1 Medium	57,966	96,104	100,233	135,188	122,498	75,806	21,313	6,857	21,051	24,285	24,512	36,129	721,940
36	FT-1 Large LLF	85,682	189,184	184,327	260,376	175,201	90,860	33,587	33,587	17,758	16,211	11,575	50,814	1,149,160
37	FT-1 Large HLF	44,200	22,241	61,570	68,016	59,201	45,155	24,369	25,331	33,188	26,564	31,062	33,581	474,479
38	FT-1 Extra Large LLF	90,099	219,158	190,733	271,669	152,936	112,130	41,421	41,421	3,936	18,237	19,300	49,425	1,210,465
39	FT-1 Extra Large HLF	387,524	526,905	485,557	1,114,383	199,614	595,745	354,609	415,032	428,859	457,334	452,386	357,954	5,775,902
40	Default	19,277	5,635	11,253	12,896	13,353	7,386	195	261	835	(1,362)	5,248	0	74,976
40	<b>Total FT-1 Transportation</b>	<b>684,748</b>	<b>1,059,227</b>	<b>1,033,672</b>	<b>1,862,528</b>	<b>722,803</b>	<b>927,081</b>	<b>475,494</b>	<b>522,488</b>	<b>505,627</b>	<b>541,270</b>	<b>544,083</b>	<b>528,331</b>	<b>9,407,351</b>
41	<b>FT-2 TRANSPORTATION</b>													
42	FT-2 Small	2,128	4,905	8,211	16,127	14,606	7,807	3,208	1,627	1,503	1,431	1,445	0	62,998
43	FT-2 Medium	112,126	178,320	249,026	302,723	291,842	204,857	107,703	60,396	49,330	46,825	45,603	70,398	1,719,147
44	FT-2 Large LLF	77,258	143,077	207,088	238,144	233,339	114,024	62,983	29,165	11,198	13,175	15,590	59,070	1,204,112
45	FT-2 Large HLF	32,198	45,275	50,064	52,770	67,514	50,722	35,421	37,616	27,338	31,531	21,841	24,753	477,043
46	FT-2 Extra Large LLF	5,357	4,119	11,008	13,007	15,952	8,322	3,613	1,404	1,094	833	435	1,050	66,193
47	FT-2 Extra Large HLF	13,412	16,035	16,606	16,189	21,989	16,367	26,776	17,265	22,552	19,024	37,093	9,744	233,054
48	<b>Total FT-2 Transportation</b>	<b>242,480</b>	<b>391,730</b>	<b>542,002</b>	<b>638,960</b>	<b>645,241</b>	<b>402,099</b>	<b>239,705</b>	<b>147,473</b>	<b>113,016</b>	<b>112,819</b>	<b>122,007</b>	<b>165,015</b>	<b>3,762,547</b>
49	<b>Total THROUGHPUT</b>													
50	Residential Non-Heating	56,635	74,913	97,349	123,153	116,760	83,622	45,364	29,503	23,827	21,194	20,827	30,965	724,112
51	Residential Non-Heating Low Income	2,753	2,976	4,006	4,900	4,353	4,329	2,015	1,051	787	728	593	0	28,492
52	Residential Heating	954,909	2,132,202	2,877,504	3,747,011	3,449,650	2,298,799	1,005,002	502,341	400,977	346,347	343,276	539,594	18,597,609
53	Residential Heating Low Income	100,792	213,885	282,745	352,717	318,259	247,469	109,620	61,630	49,907	40,759	40,160	0	1,817,942
54	Small C&I	115,678	298,227	449,062	615,104	566,582	347,154	129,362	60,737	49,071	45,013	44,359	61,560	2,781,908
55	Medium C&I	357,629	677,643	900,081	1,127,548	1,064,830	714,720	337,898	192,267	165,473	153,944	156,287	207,323	6,055,644
56	Large LLF	199,207	424,741	519,005	653,341	564,137	314,850	145,774	77,015	40,575	55,581	39,181	130,722	3,164,129
57	Large HLF	94,200	88,389	140,338	147,390	155,847	129,368	76,319	84,416	70,262	70,672	65,801	63,379	1,186,379
58	Extra Large LLF	100,645	232,842	304,505	304,505	180,842	132,536	40,220	57,165	6,765	18,441	21,557	73,732	1,387,270
59	Extra Large HLF	248,997	703,937	611,829	1,190,838	276,281	660,386	405,351	464,398	475,385	494,475	505,645	378,795	6,416,316
60	Default	19,277	5,635	11,253	12,896	13,353	7,386	195	261	835	(1,362)	5,248	0	74,976
61	<b>Total Throughput</b>	<b>2,250,721</b>	<b>4,855,391</b>	<b>6,111,192</b>	<b>8,279,403</b>	<b>6,710,893</b>	<b>4,940,618</b>	<b>2,297,118</b>	<b>1,530,785</b>	<b>1,283,863</b>	<b>1,245,791</b>	<b>1,242,933</b>	<b>1,486,069</b>	<b>42,234,777</b>