

November 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 Grid¹ 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 twelve months of actual data, the deferred gas cost balance at the end of October 2015 is an under-recovery of approximately \$11.9 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 October 31, 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 October 31, 2015. Schedule 3 summarizes actual 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.

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

Luly E. Massaro, Commission Clerk
Docket 4520 – GCR Deferred Report
November 20, 2015
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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

Bcj Ya Vvf '8&, 2015

Date

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

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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 Actual	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	I. Fixed Cost Deferred														
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	\$3,854,414	\$45,051,254
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	\$21,478	\$250,816
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	\$3,716,458	\$37,488,861
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	\$924,749	\$32,665,134
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)	(\$2,890,876)	(\$2,688,787)
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)	(\$4,286,731)	
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)	(\$4,551)	(\$126,523)
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)	(\$2,895,427)	(\$2,815,310)
18	II. Variable Cost Deferred														
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	\$3,798,406	\$145,230,232
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	\$11,805	\$13,336	\$14,270	\$17,352	\$24,194	\$27,190	\$29,848	\$278,600
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	\$106,842	\$978,598
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	\$21,870	\$832,626
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	\$4,004,690	\$147,275,613
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	\$4,170,508	\$166,117,738
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	\$14,805,401	\$14,421,999
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	\$14,888,310	
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	\$15,806	\$339,130
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	\$14,821,207	\$14,821,207
35	GCR Deferred Summary														
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	\$7,624,444	\$189,243,718
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	\$136,690	\$1,257,198
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	\$43,348	\$1,083,441
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	\$7,721,148	\$184,684,357
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	\$5,095,257	\$198,782,872
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	\$11,914,525	
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	\$10,601,579	
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	\$11,255	\$212,607
47	Gas Purchase Plan Incentives/(Penalties)	(33)	\$0	\$0	\$0	\$0	\$60,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,078
48															
49	Ending Bal. W/ Interest	(43) + (46) + (47)	\$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	\$11,925,780	\$11,925,780

Supply Actuals for Filing

Line No.	Description	Reference	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)	Actual (l)	(m)
1	SUPPLY FIXED COSTS - Pipeline Delivery														
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	\$860,386	\$10,320,748
3	TETCO/Texas Eastern		\$706,290	\$695,027	\$696,795	\$725,745	\$724,892	\$724,878	\$761,985	\$724,892	\$724,885	\$722,250	\$723,058	\$723,050	\$8,653,748
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	\$1,048,711	\$12,140,993
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	\$0	\$0
8	Transcanada		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Dominion		\$2,232	\$1,730	\$1,981	\$1,981	\$1,981	(\$28,714)	(\$28,714)	(\$28,714)	(\$32,952)	(\$28,714)	(\$28,714)	(\$28,714)	(\$195,333)
10	Transco		\$6,927	\$5,088	\$2,880	\$4,533	\$5,019	\$4,869	\$5,032	\$4,869	\$5,032	\$5,032	\$4,869	\$5,032	\$59,183
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	\$300,833	\$3,443,441
13	Alberta Northeast		\$514	\$435	\$406	\$418	\$128	\$345	\$391	\$373	\$433	\$433	\$423	\$360	\$4,658
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)	(\$21,500)	(\$258,000)
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	\$11,418	\$136,841
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)	(\$639,303)	(\$7,149,189)
22			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Supply Fixed - Supplier														
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	STORAGE FIXED COSTS - Facilities														
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	\$85,511	\$1,050,701
29	Dominion		\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$995,608
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	\$10,203	\$119,131
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	STORAGE FIXED COSTS - Delivery														
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	Confidential Pipelime and Peaking Supplies		\$840,705	\$1,078,705	\$373,708	\$726,206	\$319,695	\$919,159	\$919,124	\$919,159	\$919,159	\$919,159	\$919,159	\$919,159	\$9,773,098
48	TOTAL FIXED COSTS	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	\$3,854,414	\$45,051,254

Supply 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)	Actual (l)	(m)
49	VARIABLE SUPPLY COSTS (Includes Injections)														
50	Tennessee (Includes ANE and Niagara)														\$0
51	TETCO (Includes B&W)														\$0
52	M3 Delivered														\$0
53	Maumee														\$0
54	Broadrun Col														\$0
55	Columbia Eagle and Downingtown														\$0
56	TETCO M2														\$0
57	Dominion to TETCO FTS														\$0
58	Transco Zone 3														\$0
59	DistriGas FCS														\$0
60	Hubline														\$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	\$1,886,474	\$97,092,351
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	\$1,064,231	\$24,119,472
63	Hedging Contracts - Commission & Other Fees		(\$47,803)	(\$226,636)	(\$256,901)	(\$236,641)	(\$217,486)	\$1,182	\$1,348	\$606	\$435	\$802	\$652	\$671	(\$979,773)
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	\$12,259	\$106,308
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	\$0	\$0
67	TOTAL VARIABLE SUPPLY COSTS	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	\$2,963,634	\$120,338,272
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	\$219,188	\$13,556,991
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	\$108,465	\$5,787,980
70	Storage Delivery Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	TOTAL VARIABLE STORAGE COSTS	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	\$327,653	\$19,344,971
72	TOTAL VARIABLE COSTS	(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	\$3,291,287	\$139,683,242
73	TOTAL SUPPLY COSTS	(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	\$7,145,701	\$184,734,496

Supply Actuals for Filing

Line No.	Description	Reference	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)	Actual (l)	(m)
74	Storage Costs for FT-2 Calculation														
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	\$392,225	\$4,727,968
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	\$1,138,280	\$13,211,028
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	\$1,530,505	\$17,938,996
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	\$136,690	\$1,257,198
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	\$21,478	\$250,816
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	\$1,612,572	\$18,533,801
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	190,113	2,138,314
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	\$8.4822	\$8.6675
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	\$3,291,287	\$139,683,242
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)	(\$23,360)	(\$1,058,075)
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	\$98,770	\$1,735,529
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	\$431,520	\$4,722,907
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	\$189	\$146,628
94	TOTAL FIRM COMMODITY COSTS	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	\$3,798,406	\$145,230,232

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 Actual (l)	Nov-Oct (m)
1	I. Fixed Cost Revenue --														
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	680,129	27,604,569
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	\$1.0482	
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	\$712,895	\$28,874,393
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	61,263	1,408,979
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	0.8757	
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	\$53,646	\$1,268,953
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	741,392	29,013,547
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	\$156,869	\$2,515,538
10	Manchester Steet Volumes (dth)	Monthly Meter Use									2,288	1,172	1,080	1,237	
11	Fixed cost factor (dth)	Inherent in approved GCR									\$1.0822	\$1.0822	\$1.0822	\$1.0822	
12	Manchester Street Revenue	(10) * (11)									\$2,476	\$1,268	\$1,168	\$1,339	
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$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	\$924,749	\$32,665,134
14	II. Variable Cost Revenue --														
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	741,392	29,013,547
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	\$5.6077	
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	\$4,157,476	\$165,084,534
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	13,013	305,088
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	165	75,141
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	\$6.66	
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	\$1,099	\$881,542
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	\$4,771	\$112,513
26	(e) FT-1 Storage and Peaking			\$5,708											
27	Manchester Steet Volumes (dth)	Monthly Meter Use									2,288	1,172	1,080	1,237	
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR									\$5.7894	\$5.7894	\$5.7894	\$5.7894	
29	Manchester Street Revenue	(27) * (28)									\$13,244	\$6,785	\$6,250	\$7,161	
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$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	\$4,170,508	\$166,117,738
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$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	\$5,095,257	\$198,782,872

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>Actual</u> (l)	(m)
1	Supply Fixed Costs	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	\$3,854,414	\$45,051,254
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)	(\$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)
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	\$3,730,348	\$43,562,464
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	\$219,835	
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	\$15,938	
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	\$5,650	
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	\$10,288	
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	\$15,828	
15	Supply Fixed Working Capital Requirement	(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>\$21,478</u>	<u>\$250,816</u>
16	Supply Variable Costs	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	\$3,798,406	\$145,230,232
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)	(\$599)	(\$113,742)	(\$923)	(\$496,944)	(\$4,929)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$617,137)
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	\$3,798,406	\$144,613,095
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	\$223,846	
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	\$16,229	
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	\$5,753	
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	\$10,476	
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	\$16,117	
30	Supply Variable Working Capital Requirement	(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>\$21,870</u>	<u>\$832,626</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>Actual</u> (l)	<u>Actual</u> (m)
1	Storage Inventory Balance		\$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	\$9,777,034	
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	\$3,345,838	
3	Subtotal	(1) + (2)	\$13,971,057	\$12,603,435	\$9,053,844	\$6,649,319	\$5,904,443	\$6,940,078	\$8,311,321	\$9,370,435	\$10,423,044	\$11,426,765	\$12,419,706	\$13,122,872	
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	\$951,408	\$8,714,233
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	\$337,258	\$3,089,045
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	\$614,150	
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	\$944,847	\$8,654,135
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	\$1,282,105	\$11,743,180
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	\$106,842	\$978,598
13	LNG Inventory Balance		\$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	\$3,666,037	
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	\$265,788	\$2,480,877
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	\$94,217	\$879,428
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	\$171,571	
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	\$263,955	\$2,463,768
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	\$358,172	\$3,343,196
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	\$29,848	\$278,600
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$69,840	\$81,938	\$93,643	\$105,637	\$117,227	\$128,307	\$136,690	\$1,257,198

Actual Dth Usage for Filing

Line No.	Rate Class	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 Actual (l)	Nov-Oct (m)
THROUGHPUT (Dth)														
1	SALES													
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	24,491	717,638
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	828	29,320
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	450,190	18,508,206
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	50,642	1,868,584
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	52,565	2,701,105
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	101,609	3,417,120
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	11,263	746,580
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	19,984	223,991
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	2,420	89,774
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	14,386	406,140
12	Total Sales	1,308,441	3,373,175	4,492,986	5,719,920	5,291,519	3,573,474	1,564,179	845,891	655,892	583,040	571,562	728,379	28,708,459
13	TSS													
14	Small	301	854	1,327	1,920	2,089	1,345	378	220	185	192	0	56	8,866
15	Medium	9,178	21,446	29,294	38,027	37,104	25,222	11,865	10,534	6,483	5,923	3,175	10,365	208,615
16	Large LLF	2,777	5,722	7,098	13,537	8,055	8,378	3,976	2,274	1,144	1,112	628	1,018	55,719
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	1,574	27,379
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	Total TSS	15,052	31,258	42,532	57,995	51,330	37,964	17,740	14,933	9,328	8,662	5,281	13,013	305,088
21	Sales & TSS THROUGHPUT													
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	24,491	717,638
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	828	29,320
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	450,190	18,508,206
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	50,642	1,868,584
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	52,622	2,709,971
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	111,974	3,625,735
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	12,281	802,299
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	21,558	251,371
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	2,420	89,774
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	14,386	410,649
32	Total Sales & TSS Throughput	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	741,392	29,013,547
33	FT-1 TRANSPORTATION													
34	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
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	24,527	710,339
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	20,511	1,118,857
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	34,626	475,524
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	26,775	1,187,815
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	408,034	5,825,983
40	Default	19,277	5,635	11,253	12,896	13,353	7,386	195	261	835	(1,362)	5,248	165	75,141
41	Total FT-1 Transportation	684,748	1,059,227	1,033,672	1,862,528	722,803	927,081	475,494	522,488	505,627	541,270	544,083	514,638	9,393,658
42	FT-2 TRANSPORTATION													
43	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	1,686	64,684
44	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	58,466	1,707,215
45	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	25,658	1,170,700
46	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	24,725	477,015
47	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	839	65,983
48	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	31,609	254,918
49	Total FT-2 Transportation	242,480	391,730	542,002	638,960	645,241	402,099	239,705	147,473	113,016	112,819	122,007	142,982	3,740,514
50	Total THROUGHPUT													
51	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	24,491	717,638
52	Residential Non-Heating Low Income	2,753	2,976	4,006	4,900	4,353	4,329	2,015	1,051	787	728	593	828	29,320
53	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	450,190	18,508,206
54	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	50,642	1,868,584
55	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	54,307	2,774,655
56	Medium C&I	357,629	677,643	900,081	1,127,548	1,064,830	714,720	337,898	162,777	165,473	153,944	156,287	194,967	6,043,288
57	Large LLF	199,207	424,741	519,005	653,341	564,137	314,850	145,774	77,015	40,575	55,581	39,181	58,450	3,091,857
58	Large HLF	94,200	88,389	140,338	147,390	155,847	129,368	76,319	84,416	70,262	70,672	65,801	80,908	1,203,909
59	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	30,034	1,343,572
60	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	454,030	6,491,551
61	Default	19,277	5,635	11,253	12,896	13,353	7,386	195	261	835	(1,362)	5,248	165	75,141
62	Total Throughput	2,250,721	4,855,391	6,111,192	8,279,403	6,710,893	4,940,618	2,297,118	1,530,785	1,283,863	1,245,791	1,242,933	1,399,012	42,147,720