

October 19, 2016

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4576 - Gas Cost Recovery Filing (GCR)
Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid,¹ I am submitting 10 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, 2015 through October 31, 2016. Based on 11 months of actual data and 1 month of projected data, the deferred gas cost balance at the end of October 2016 is an under-recovery of approximately \$2.1 million (see attached Schedule 1, page 1).² This calculation is based on the November 1, 2015-starting under-collected balance of \$11.9 million plus the actual gas costs and gas cost revenue for the period of November 1, 2015 through September 30, 2016 and the projected gas costs and gas cost revenue for the period of October 1, 2016 through October 31, 2016. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of October 5, 2016.

Details of this deferred balance report are provided on the attached schedules. Schedule 1 summarizes the deferred gas cost activity by Gas Cost Recovery (GCR) category and by month. Schedule 2 provides a breakdown of actual gas costs for November 1, 2015 through September 30, 2016 and revised projected gas costs for October 1, 2016 through October 31, 2016. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2015 through October 31, 2016. 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.

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

² The deferred gas cost balance reflects a true-up of additional commodity costs for the months of June through August due to volume discrepancy resulting from a metering error at the Wampanoag Gate Station.

Luly E. Massaro, Commission Clerk
Docket 4576 – GCR Deferred Report
October 19, 2016
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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 4576 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 Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

CV 2016-00000 2016

Date

Docket No. 4576 – National Grid – 2015 Annual Gas Cost Recovery Filing (“GCR”) - Service List as of 9/18/15

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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	31	31	29	31	30	31	30	31	31	30	31	366
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
1	# of Days in Month														
2	Fixed Cost Deferred														
3	Beginning Under/(Over) Recover		(\$2,895,427)	(\$1,787,883)	(\$8,875,107)	(\$10,329,090)	(\$12,878,739)	(\$14,239,567)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$7,854,695)	(\$2,895,427)
4	Interest Adj. for NGPMP Credits (Apr15-Oct15)		(\$1,760)												(\$1,760)
5	Interest Adj. for NGPMP Credits (Nov15-Mar16)		(\$4,953)	(\$2,808)											(\$7,762)
6	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,862,353	\$42,746,109
7	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)
8	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
9	NGPMP Credits		(\$783,333)	(\$7,320,332)	(\$783,333)	(\$783,333)	(\$277,513)	(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$16,011,359)
10	Working Capital	Sch. 4, line 15	\$20,867	\$19,564	\$19,578	\$19,771	\$19,563	\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$19,095	\$21,524	\$237,543
11	Total Supply Fixed Costs	sum[(6):(10)]	\$2,909,723	(\$3,854,922)	\$2,684,534	\$2,718,367	\$3,187,816	\$2,590,081	\$2,709,979	\$2,202,996	\$2,647,160	\$2,638,748	\$2,600,159	\$3,024,442	\$26,059,085
12	Supply Fixed - Revenue	Sch. 3, line 13	\$1,724,573	\$3,223,290	\$4,126,326	\$5,254,232	\$4,531,428	\$3,261,277	\$2,081,128	\$1,178,236	\$858,277	\$765,567	\$766,291	\$1,104,529	\$28,875,154
13	Monthly Under/(Over) Recovery	(11) - (12)	\$1,185,151	(\$7,078,212)	(\$1,441,792)	(\$2,535,866)	(\$1,343,612)	(\$671,196)	\$628,852	\$1,024,760	\$1,788,883	\$1,873,181	\$1,833,868	\$1,919,913	(\$2,816,069)
14	Prelim. Ending Under/(Over) Recover	(3) + (13)	(\$1,710,277)	(\$8,866,095)	(\$10,316,898)	(\$12,864,956)	(\$14,222,351)	(\$14,910,763)	(\$14,299,831)	(\$13,293,639)	(\$11,521,730)	(\$9,664,323)	(\$7,843,924)	(\$5,934,782)	(\$5,731,018)
15	Month's Average Balance	[(3) + (14)] / 2	(\$2,302,852)	(\$5,326,989)	(\$9,596,003)	(\$11,597,023)	(\$13,550,545)	(\$14,575,165)	(\$14,614,257)	(\$13,806,019)	(\$12,416,172)	(\$10,600,914)	(\$8,760,858)	(\$6,894,739)	
16	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
17	Interest Applied	[(15) * (16)] / 365 * (1)	(\$2,359)	(\$6,204)	(\$12,192)	(\$13,783)	(\$17,216)	(\$17,920)	(\$18,567)	(\$16,975)	(\$15,775)	(\$13,468)	(\$10,772)	(\$8,760)	(\$153,991)
18	Marketer Reconciliator	Dkt 4576	(\$58,533)											(\$58,533)	
19	Fixed Ending Under/(Over) Recovery	(4) + (5) + (14) + (17) + (18)	(\$1,787,883)	(\$8,875,107)	(\$10,329,090)	(\$12,878,739)	(\$14,239,567)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$7,854,695)	(\$5,943,542)	(\$5,943,542)
20	Variable Cost Deferred														
21	Beginning Under/(Over) Recover		\$14,821,207	\$15,087,445	\$16,925,969	\$21,441,872	\$21,975,898	\$17,436,635	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$9,147,577	\$14,821,207
22															
23	Variable Supply Costs	Sch. 2, line 76	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$2,361,300	\$91,303,178
24	Supply Related LNG to DAC	Dkt 4339	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
25	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
26	Inventory Financing - LNG	Sch. 5, line 22	\$30,581	\$29,688	\$24,819	\$16,443	\$17,034	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$28,664	\$37,832	\$299,539
27	Inventory Financing - UC	Sch. 5, line 12	\$101,791	\$96,132	\$76,679	\$63,146	\$54,296	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$89,827	\$72,771	\$918,684
28	Working Capital	Sch. 4, line 30	\$41,181	\$74,869	\$109,043	\$106,870	\$64,161	\$40,430	\$23,084	\$15,113	\$8,809	\$12,469	\$13,648	\$13,595	\$524,273
29	Total Supply Variable Costs	sum[(22):(28)]	\$7,373,771	\$13,251,839	\$19,197,227	\$18,795,665	\$11,326,854	\$7,188,828	\$4,167,049	\$2,783,320	\$1,692,000	\$2,337,810	\$2,725,015	\$2,533,222	\$93,372,599
30	Supply Variable - Revenue	Sch. 3, line 30	\$7,122,847	\$11,516,237	\$14,705,682	\$18,287,426	\$15,891,138	\$11,295,391	\$6,860,270	\$3,861,009	\$2,633,039	\$2,309,223	\$2,304,388	\$3,610,893	\$100,399,543
31	Monthly Under/(Over) Recovery	(29) - (30)	\$250,924	\$1,735,602	\$4,491,545	\$508,239	(\$4,564,283)	(\$4,106,564)	(\$2,693,222)	(\$1,077,689)	(\$941,040)	\$28,587	\$420,627	(\$1,077,671)	(\$7,024,945)
32	Prelim. Ending Under/(Over) Recover	(21) + (31)	\$15,072,131	\$16,823,048	\$21,417,514	\$21,950,111	\$17,411,614	\$13,330,071	\$10,655,763	\$9,593,323	\$8,664,741	\$8,704,934	\$9,136,602	\$8,069,906	\$7,796,263
33	Month's Average Balance	[(21) + (32)] / 2	\$14,946,669	\$15,955,247	\$19,171,742	\$21,695,992	\$19,693,756	\$15,383,353	\$12,002,374	\$10,132,168	\$9,135,261	\$8,690,641	\$8,926,289	\$8,608,742	
34	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
35	Interest Applied	[(33) * (34)] / 365 * (1)	\$15,314	\$18,582	\$24,358	\$25,786	\$25,021	\$18,914	\$15,249	\$12,458	\$11,606	\$11,041	\$10,975	\$10,937	\$200,241
36	Gas Procurement Incentive/penalty		\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
37	Variable Ending Under/(Over) Recover	(32) + (35) + (36)	\$15,087,445	\$16,925,969	\$21,441,872	\$21,975,898	\$17,436,635	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$9,147,577	\$8,080,843	\$8,080,843
38	GCR Deferred Summary														
39	Beginning Under/(Over) Recover	(3) + (21)	\$11,925,780	\$13,299,562	\$8,050,863	\$11,112,782	\$9,097,159	\$3,197,068	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	\$1,292,882	\$11,925,780
40	Interest Adj. for NGPMP Credits (Apr15-Oct15)	(4)	(\$1,760)											(\$1,760)	
41	Interest Adj. for NGPMP Credits (Nov15-Mar16)	(5)	(\$4,953)	(\$2,808)										(\$7,762)	
42	Gas Costs	sum[(6):(18),(22):(25)]	\$10,813,873	\$16,496,997	\$22,434,976	\$22,091,135	\$14,637,128	\$10,424,170	\$7,530,617	\$6,219,027	\$4,988,895	\$5,616,102	\$5,956,273	\$6,195,276	\$133,404,471
43	Inventory Finance	(26) + (27)	\$132,373	\$125,820	\$101,497	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$118,491	\$110,602	\$1,218,223
44	Working Capital	(10) + (28)	\$62,048	\$94,432	\$128,621	\$126,641	\$83,724	\$59,467	\$42,807	\$35,256	\$31,784	\$33,743	\$35,119	\$761,816	
45	NGPMP Credits	(9)	(\$783,333)	(\$7,320,332)	(\$783,333)	(\$783,333)	(\$277,513)	(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$16,011,359)
46	Total Costs	sum[(42):(45)]	\$10,224,961	\$9,396,917	\$21,881,761	\$21,514,032	\$14,514,670	\$9,778,909	\$6,877,028	\$4,986,316	\$4,339,160	\$4,976,558	\$5,325,174	\$5,557,664	\$119,373,151
47	Revenue	(12) + (30)	\$8,847,420	\$14,739,527	\$18,832,008	\$23,541,658	\$20,422,566	\$14,556,669	\$8,941,398	\$5,039,245	\$3,491,316	\$3,074,790	\$3,070,679	\$4,715,422	\$129,272,698
48	Monthly Under/(Over) Recovery	(46) - (47)	\$1,377,541	(\$5,342,609)	\$3,049,753	(\$2,027,626)	(\$5,907,966)	(\$4,777,760)	(\$2,064,370)	(\$52,929)	\$847,844	\$1,901,768	\$2,254,495	\$842,242	(\$9,899,547)
49	Prelim. Ending Under/(Over) Recover	(39) + (48)	\$13,303,321	\$7,956,953	\$11,100,616	\$9,085,156	\$3,189,263	(\$1,580,692)	(\$3,644,068)	(\$3,700,316)	(\$2,856,989)	\$1,292,678	\$2,135,124	\$2,135,124	
50	Month's Average Balance	[(39) + (49)] / 2	\$12,614,550	\$10,628,258	\$9,575,739	\$10,098,969	\$6,143,211	\$808,188	(\$2,611,883)	(\$3,673,851)	(\$3,280,911)	(\$1,910,273)	\$1,665,431	\$1,714,003	
51	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
52	Interest Applied	(17) + (35)	\$12,955	\$12,378	\$12,166	\$12,003	\$7,805	\$994	(\$3,318)	(\$4,517)	(\$4,168)	(\$2,427)	\$203	\$2,178	\$46,250
53	Gas Purchase Plan Incentives/(Penalties)	(36)	\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
54															
55	Ending Under/(Over) Recovery W/ Interest	(40) + (41) + (49) + (52) + (53)	\$13,299,562	\$8,050,863	\$11,112,782	\$9,097,159	\$3,197,068	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	\$1,292,882	\$2,137,301	\$2,137,301

Line 4: Additional interest credit earned in the prior period of April 2015 through October 2015 due to actual NGPMP credits filed under Docket No. 4038

Line 5: Additional interest credit earned in the current period of November 2015 through December 2015 due to actual NGPMP credits in Docket No. 4038 for the prior period of April 2015 through October 2015

Supply Estimates and Actuals for Filing

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)
Projected Gas Costs using 10/5/2016 NYMEX settled															
1	SUPPLY FIXED COSTS - Pipeline Delivery														
2	Algonquin (includes East to West, Hubline, AMA credits)		\$784,089	\$836,387	\$829,995	\$836,694	\$836,762	\$837,279	\$845,234	\$841,198	\$841,032	\$841,087	\$840,941	\$824,150	\$9,994,847
3	TETCO/Texas Eastern		\$722,017	\$722,257	\$722,264	\$722,264	\$720,185	\$721,221	\$721,221	\$721,240	\$719,948	\$726,244	\$726,252	\$722,078	\$8,667,191
4	Tennessee		\$930,608	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$1,002,556	\$11,696,441
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	\$5,719	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$79,158
7	Union		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,240	\$2,240
8	Transcanada		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,589	\$13,589
9	Dominion		\$2,276	\$2,276	\$2,276	\$2,276	\$2,276	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	\$2,232	(\$157,151)
10	Transeo		\$4,869	\$5,032	\$5,032	\$4,707	\$5,032	\$4,869	\$5,010	\$4,858	\$5,020	\$5,039	\$4,858	\$5,032	\$59,358
11	National Fuel		\$4,667	\$4,574	\$4,480	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,667	\$54,979
12	Columbia		\$340,803	\$289,238	\$289,797	\$308,551	\$304,135	\$296,729	\$296,849	\$241,832	\$286,233	\$286,354	\$286,233	\$290,947	\$3,517,701
13	Alberta Northeast		\$371	\$342	\$387	\$327	\$348	\$348	\$586	\$2,646	\$371	\$379	\$365	\$0	\$6,471
14	Less Credits from Mkter Releases		(\$639,181)	(\$657,699)	(\$674,773)	(\$644,061)	(\$674,910)	(\$666,778)	(\$682,800)	(\$665,674)	(\$680,511)	(\$680,654)	(\$666,763)	(\$508,753)	(\$7,842,556)
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Supply Fixed - Supplier														
16	Distrigas FCS		\$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	STORAGE FIXED COSTS - Facilities														
19	Texas Eastern		\$85,022	\$84,962	\$85,011	\$84,964	\$84,726	\$85,570	\$85,117	\$85,190	\$85,170	\$85,668	\$76,927	\$95,059	\$1,023,386
20	Dominion		\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$80,255	\$82,949	\$82,949	\$82,967	\$992,716
21	Tennessee		\$42,271	\$48,337	\$50,950	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,883	\$48,337	\$49,804	\$578,603
22	Columbia		\$20,608	\$3,477	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$121,026
23	STORAGE FIXED COSTS - Delivery														
24	Algonquin		\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$2,585,230
25	TETCO		\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$1,051,186
26	Tennessee		\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$1,094,622
27	Dominion		\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$368,340
28	Columbia		\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$182,049
29	Confidential Pipelime and Peaking Supplies		\$920,125	\$676,693	\$693,205	\$673,630	\$674,635	\$611,023	\$739,213	\$850,964	\$692,443	\$673,988	\$631,468	\$819,296	\$8,656,683
30	TOTAL FIXED COSTS	sum[(2):(29)]	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,862,353	\$42,746,109

Supply Estimates and Actuals for Filing

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)
Projected Gas Costs using 10/5/2016 NYMEX settled															
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)													\$611,914	\$611,914
33	TETCO (Includes B&W)													\$0	\$0
34	M3 Delivered													\$256,255	\$256,255
35	Maumee													\$0	\$0
36	Broadrun Col													\$0	\$0
37	Columbia Eagle and Downingtown													\$14,456	\$14,456
38	TETCO M2													\$877,154	\$877,154
39	Dominion to TETCO FTS													\$0	\$0
40	Transco Leidy													\$35,788	\$35,788
41	DistriGas FCS													\$0	\$0
42	Hubline													\$0	\$0
43	Total Pipeline Commodity Charges*	sum[(32):(42)]	\$2,817,640	\$5,590,786	\$9,087,594	\$8,210,167	\$3,697,752	\$3,311,471	\$1,459,452	\$605,570	\$591,807	\$503,438	\$1,166,877	\$1,795,568	\$38,838,122
44	Hedging Settlements and Amortization		\$2,827,644	\$5,622,697	\$5,960,230	\$6,252,860	\$5,737,029	\$2,734,885	\$1,589,254	\$959,398	\$324,878	\$714,028	\$471,224	\$1,005,091	\$34,199,217
45	Hedging Contracts - Commission & Other Fees		\$168,614	\$804,160	\$870,881	\$804,374	\$703,868	\$495	\$598	\$256	\$544	\$413	\$883	\$0	\$3,355,086
46	Hedging Contracts - Net Carry of Collateral		\$14,953	\$14,864	\$16,589	\$16,609	\$15,334	\$9,676	\$10,480	\$6,553	\$6,532	\$6,932	\$3,658	\$0	\$122,181
47	Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48	Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$521,618)	(\$521,618)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,828,851	\$12,032,506	\$15,935,295	\$15,284,010	\$10,153,983	\$6,056,527	\$3,059,784	\$1,571,778	\$923,762	\$1,224,811	\$1,642,642	\$2,279,041	\$75,992,988
50	Underground Storage		\$677,039	\$398,548	\$1,689,439	\$1,137,575	\$657,975	\$401,889	\$247,694	\$215,901	\$28,902	\$318,596	\$192,240	\$0	\$5,965,798
51	LNG Withdrawals and Trucking		\$107,834	\$84,350	\$895,005	\$1,422,827	\$143,293	\$80,699	\$79,140	\$143,928	\$86,749	\$83,762	\$66,480	\$82,259	\$3,276,326
52	Storage Delivery Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$784,873	\$482,898	\$2,584,444	\$2,560,402	\$801,269	\$482,587	\$326,835	\$359,829	\$115,651	\$402,358	\$258,720	\$82,259	\$9,242,124
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,844,412	\$10,955,252	\$6,539,114	\$3,386,618	\$1,931,606	\$1,039,413	\$1,627,169	\$1,901,362	\$2,361,300	\$85,235,112
55	TOTAL SUPPLY COSTS	(30) + (54)	\$10,362,015	\$16,037,351	\$22,044,129	\$21,402,441	\$14,477,118	\$9,969,592	\$6,936,308	\$5,554,076	\$4,526,643	\$5,106,036	\$5,341,860	\$6,223,653	\$127,981,222

*Line 43: The commodity balance for September reflects a true-up of additional commodity costs for the months of June through August due to volume discrepancy resulting from a metering error at Wampanoag Gate Station.

Supply Estimates and Actuals for Filing

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)
Projected Gas Costs using 10/5/2016 NYMEX settled															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$394,591	\$383,465	\$392,345	\$389,684	\$389,446	\$390,290	\$389,837	\$389,910	\$387,196	\$390,934	\$381,648	\$401,264	\$4,680,610
58	Storage Fixed Costs - Deliveries		\$1,305,744	\$1,062,866	\$1,062,869	\$1,062,869	\$1,062,869	\$1,441,583	\$1,485,055	\$1,627,282	\$1,456,945	\$1,456,949	\$1,457,099	\$1,044,708	\$15,526,838
59	sub-total Storage Costs	sum[(56):(57)]	\$1,700,335	\$1,446,331	\$1,455,214	\$1,452,553	\$1,452,315	\$1,831,873	\$1,874,892	\$2,017,191	\$1,844,141	\$1,847,883	\$1,838,747	\$1,445,973	\$20,207,448
60	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)
61	Inventory Financing		\$132,373	\$125,820	\$101,497	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$118,491	\$110,602	\$1,218,223
62	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
63	Working Capital Requirement		\$20,867	\$19,564	\$19,578	\$19,771	\$19,563	\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$19,095	\$21,524	\$237,543
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,777,474	\$1,515,614	\$1,500,188	\$1,475,813	\$1,467,108	\$1,853,414	\$1,905,452	\$2,056,781	\$1,892,829	\$1,903,104	\$1,900,232	\$1,501,998	\$20,750,006
65	System Storage MDQ (Dth)		193,596	169,835	169,667	175,833	177,366	179,070	181,646	182,090	181,336	181,765	181,224	149,325	2,122,753
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.1813	\$8.9240	\$8.8420	\$8.3932	\$8.2717	\$10.3502	\$10.4899	\$11.2954	\$10.4382	\$10.4701	\$10.4855	\$10.0586	\$9.7750
67	Pipeline Variable	(54)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,844,412	\$10,955,252	\$6,539,114	\$3,386,618	\$1,931,606	\$1,039,413	\$1,627,169	\$1,901,362	\$2,361,300	\$85,235,112
68	Less Non-firm Gas Costs		(\$59,229)	(\$117,023)	(\$150,820)	(\$14,806)	(\$70,277)	(\$38,360)	(\$46,463)	(\$25,461)	(\$45,930)	(\$8,608)	\$7,761	\$0	(\$569,215)
69	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	Mkter Over-takes/Undertakes		\$143,247	\$113,464	\$84,751	\$460,356	(\$184,741)	(\$29,047)	\$175,857	\$213,671	\$47,717	\$45,593	\$130,629	\$0	\$1,201,496
74	Plus Pipeline Srchg/Credit		\$449,140	\$490,398	\$506,399	\$505,394	\$472,592	\$504,864	\$487,829	\$504,046	\$487,836	\$504,180	\$504,399	\$0	\$5,417,076
75	Less Mkter FT-2 Daily weather true-up		\$17,419	\$1,278	(\$21,010)	(\$2,071)	(\$27,221)	\$45,497	\$5,462	\$1,072	\$1,006	(\$2,722)	\$0	\$0	\$18,709
76	TOTAL FIRM COMMODITY COSTS*	sum[(67):(75)]	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$2,361,300	\$91,303,178

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	I. Fixed Cost Revenue --														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,316,256	2,596,037	3,373,716	4,195,398	3,658,182	2,586,408	1,540,314	849,324	582,453	515,862	502,144	785,129	22,501,224
3	Fixed Cost Factor	(4) / (2)	\$1.1375	\$1.1494	\$1.1417	\$1.1416	\$1.1432	\$1.1428	\$1.1434	\$1.1442	\$1.1425	\$1.1236	\$1.1457	\$1.1421	
4	Low Load Revenue		\$1,497,286	\$2,983,958	\$3,851,664	\$4,789,263	\$4,182,118	\$2,955,623	\$1,761,188	\$971,830	\$665,435	\$579,628	\$575,296	\$896,695	\$25,709,985
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	72,391	103,495	108,116	122,499	100,798	86,125	63,662	54,863	40,550	32,422	38,614	71,955	895,490
6	Fixed Cost Factor	(7) / (5)	\$0.9169	\$0.8845	\$0.8805	\$0.8799	\$0.8542	\$0.8795	\$0.8792	\$0.8815	0.8798	0.8788	0.8841	0.8796	
7	High Load Revenue		\$66,375	\$91,540	\$95,197	\$107,785	\$86,106	\$75,752	\$55,969	\$48,361	\$35,677	\$28,492	\$34,137	\$63,292	\$788,684
8	sub-total throughput Dth	(2) + (5)	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	540,759	857,084	23,396,714
9	FT-2 Storage Revenue from marketers		\$159,744	\$146,055	\$178,446	\$356,309	\$261,170	\$228,326	\$262,198	\$156,584	\$155,936	\$156,304	\$155,839	\$144,542	\$2,361,454
10	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473	863	742	1,725	1,337	1,502	1,239	1,041	968	863		
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	
12	Manchester Street Revenue	(10) * (11)	\$1,169	\$1,737	\$1,018	\$876	\$2,035	\$1,577	\$1,772	\$1,461	\$1,228	\$1,142	\$1,018	\$0	\$15,032
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$1,724,573	\$3,223,290	\$4,126,326	\$5,254,232	\$4,531,428	\$3,261,277	\$2,081,128	\$1,178,236	\$858,277	\$765,567	\$766,291	\$1,104,529	\$28,875,154
14	II. Variable Cost Revenue --														
15	(a) Firm Sales dth	(8)	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	540,759	857,084	23,396,714
16	Variable Supply Cost Factor	(17) / (15)	\$5.1025	\$4.2399	\$4.2116	\$4.2111	\$4.2138	\$4.2153	\$4.2175	\$4.2210	\$4.2144	\$4.1486	\$4.2268	\$4.2130	
17	Variable Supply Revenue		\$7,085,565	\$11,445,726	\$14,664,054	\$18,182,980	\$15,839,493	\$11,265,583	\$6,764,778	\$3,816,541	\$2,625,554	\$2,274,612	\$2,285,672	\$3,610,893	\$99,861,451
18	(b) TSS Sales dth	Sch. 6, line 20	17,510	26,312	29,803	35,617	33,863	25,815	16,736	8,187	1,342	1,320	(5,259)		191,245
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	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	1,527	-	44,689
22	Variable Supply Cost Factor	(23) / (21)	\$6.65	\$6.40	\$7.51	\$10.45	\$2.47	\$4.15	\$5.35	\$5.36	\$5.35	\$5.35	\$5.35	\$0.00	
23	Variable Supply Revenue		\$31,962	\$55,235	\$37,872	\$89,778	\$13,188	\$18,695	\$22,530	\$546	\$2,819	\$7,553	\$8,174	\$0	\$288,353
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		\$1,010	\$8,868	\$0	\$11,438	\$30,951	\$5,295	\$66,426	\$38,532	\$136	\$22,845	\$6,789	\$0	\$192,290
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473	863	742	1,725	1,337	1,502	1,239	1,041	968	863		
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	
29	Manchester Street Revenue	(27) * (28)	\$4,310	\$6,408	\$3,756	\$3,230	\$7,506	\$5,818	\$6,536	\$5,390	\$4,531	\$4,213	\$3,753	\$0	\$55,450
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$7,122,847	\$11,516,237	\$14,705,682	\$18,287,426	\$15,891,138	\$11,295,391	\$6,860,270	\$3,861,009	\$2,633,039	\$2,309,223	\$2,304,388	\$3,610,893	\$100,397,543
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,847,420	\$14,739,527	\$18,832,008	\$23,541,658	\$20,422,566	\$14,556,669	\$8,941,398	\$5,039,245	\$3,491,316	\$3,074,790	\$3,070,679	\$4,715,422	\$129,272,698

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	Supply Fixed Costs	Sch. 1, line 5	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,862,353	\$42,746,109
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)	\$3,624,225	\$3,397,881	\$3,400,325	\$3,433,964	\$3,397,800	\$3,306,413	\$3,425,624	\$3,498,403	\$3,363,165	\$3,354,801	\$3,316,432	\$3,738,287	\$41,257,320
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	\$213,581	\$200,242	\$200,386	\$202,369	\$200,237	\$194,852	\$201,877	\$206,166	\$198,196	\$197,703	\$195,442	\$220,303	
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)	\$15,485	\$14,518	\$14,528	\$14,672	\$14,517	\$14,127	\$14,636	\$14,947	\$14,369	\$14,334	\$14,170	\$15,972	
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)	\$5,489	\$5,146	\$5,150	\$5,201	\$5,146	\$5,008	\$5,188	\$5,298	\$5,094	\$5,081	\$5,023	\$5,662	
12	Taxable Income	(9) - (11)	\$9,996	\$9,371	\$9,378	\$9,471	\$9,371	\$9,119	\$9,448	\$9,649	\$9,276	\$9,253	\$9,147	\$10,310	
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)	\$15,378	\$14,417	\$14,428	\$14,571	\$14,417	\$14,029	\$14,535	\$14,844	\$14,270	\$14,235	\$14,072	\$15,862	
15	Supply Fixed Working Capital Requirement	(11) + (14)	<u>\$20,867</u>	<u>\$19,564</u>	<u>\$19,578</u>	<u>\$19,771</u>	<u>\$19,563</u>	<u>\$19,037</u>	<u>\$19,723</u>	<u>\$20,142</u>	<u>\$19,364</u>	<u>\$19,316</u>	<u>\$19,095</u>	<u>\$21,524</u>	<u>\$237,543</u>
16	Supply Variable Costs	Sch. 1, line 23	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$2,361,300	\$91,303,178
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 24	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
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)	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
20	Allowable Working Capital Costs	(16) + (19)	\$7,152,492	\$13,003,426	\$18,938,962	\$18,561,482	\$11,143,638	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$2,361,300	\$91,057,409
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	\$421,507	\$766,311	\$1,116,102	\$1,093,856	\$656,711	\$413,821	\$236,274	\$154,691	\$90,168	\$127,623	\$149,931	\$139,155	
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)	\$30,559	\$55,558	\$80,917	\$79,305	\$47,612	\$30,002	\$17,130	\$11,215	\$6,537	\$9,253	\$10,870	\$10,089	
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)	\$10,833	\$19,694	\$28,684	\$28,112	\$16,877	\$10,635	\$6,072	\$3,976	\$2,317	\$3,280	\$3,853	\$3,576	
27	Taxable Income	(24) - (26)	\$19,727	\$35,863	\$52,234	\$51,192	\$30,734	\$19,367	\$11,058	\$7,240	\$4,220	\$5,973	\$7,017	\$6,512	
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)	\$30,349	\$55,174	\$80,359	\$78,758	\$47,283	\$29,795	\$17,012	\$11,138	\$6,492	\$9,189	\$10,795	\$10,019	
30	Supply Variable Working Capital Requirement	(26) + (29)	<u>\$41,181</u>	<u>\$74,869</u>	<u>\$109,043</u>	<u>\$106,870</u>	<u>\$64,161</u>	<u>\$40,430</u>	<u>\$23,084</u>	<u>\$15,113</u>	<u>\$8,809</u>	<u>\$12,469</u>	<u>\$14,648</u>	<u>\$13,595</u>	<u>\$524,273</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	Storage Inventory Balance		\$9,323,989	\$9,431,867	\$7,912,417	\$7,053,287	\$6,668,946	\$6,846,012	\$7,084,306	\$7,390,915	\$7,992,207	\$7,953,536	\$8,251,903	\$8,938,049	
2	Monthly Storage Deferral/Amortization		\$3,178,547	\$2,375,546	\$1,505,628	\$702,627	\$1	\$540,966	\$1,107,192	\$1,611,364	\$1,822,776	\$2,364,223	\$2,781,054	\$0	
3	Subtotal	(1) + (2)	\$12,502,536	\$11,807,413	\$9,418,045	\$7,755,914	\$6,668,947	\$7,386,979	\$8,191,498	\$9,002,279	\$9,814,983	\$10,317,759	\$11,032,957	\$8,938,049	
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)	\$906,434	\$856,037	\$682,808	\$562,304	\$483,499	\$535,556	\$593,884	\$652,665	\$711,586	\$748,038	\$799,889	\$648,009	\$8,180,709
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)	\$321,315	\$303,451	\$242,044	\$199,327	\$171,392	\$189,845	\$210,522	\$231,359	\$252,245	\$265,166	\$283,547	\$229,708	\$2,899,920
8	Taxable Income	(5) - (7)	\$585,119	\$552,587	\$440,765	\$362,977	\$312,107	\$345,711	\$383,362	\$421,307	\$459,341	\$482,871	\$516,342	\$418,301	
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)	\$900,183	\$850,134	\$678,099	\$558,426	\$480,164	\$531,862	\$589,788	\$648,164	\$706,679	\$742,879	\$794,373	\$643,540	\$8,124,290
11	Working Capital Requirement	(7) + (10)	\$1,221,498	\$1,153,584	\$920,143	\$757,753	\$651,556	\$721,708	\$800,309	\$879,523	\$958,924	\$1,008,045	\$1,077,920	\$873,247	\$11,024,210
12	Monthly Average	(11) / 12	\$101,791	\$96,132	\$76,679	\$63,146	\$54,296	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$89,827	\$72,771	\$918,684
13	LNG Inventory Balance		\$3,756,170	\$3,646,413	\$3,048,366	\$2,019,560	\$2,092,259	\$2,267,685	\$2,486,527	\$2,733,364	\$3,133,824	\$3,439,318	\$3,520,714	\$4,646,658	
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)	\$272,322	\$264,365	\$221,007	\$146,418	\$151,689	\$164,407	\$180,273	\$198,169	\$227,202	\$249,351	\$255,252	\$336,883	\$2,667,337
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)	\$96,534	\$93,713	\$78,343	\$51,903	\$53,771	\$58,280	\$63,904	\$70,247	\$80,539	\$88,390	\$90,482	\$119,419	\$945,525
18	Taxable Income	(15) - (17)	\$175,789	\$170,652	\$142,664	\$94,515	\$97,918	\$106,128	\$116,369	\$127,921	\$146,663	\$160,960	\$164,769	\$217,464	
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)	\$270,444	\$262,542	\$219,482	\$145,408	\$150,643	\$163,273	\$179,030	\$196,802	\$225,635	\$247,631	\$253,491	\$334,559	\$2,648,942
21	Working Capital Requirement	(17) + (20)	\$366,978	\$356,255	\$297,825	\$197,311	\$204,414	\$221,553	\$242,934	\$267,050	\$306,175	\$336,021	\$343,974	\$453,979	\$3,594,467
22	Monthly Average	(21) / 12	\$30,581	\$29,688	\$24,819	\$16,443	\$17,034	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$28,664	\$37,832	\$299,539
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$132,373	\$125,820	\$101,497	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$118,491	\$110,602	\$1,218,223

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 Forecast (l)	Nov-Oct (m)
THROUGHPUT (Dth)														
1	SALES													
2	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	16,103	28,799	537,258
3	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	277	0	19,777
4	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	341,248	561,110	15,424,061
5	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	34,078	0	1,359,572
6	Small C&I	103,351	234,087	316,821	424,123	362,345	236,605	124,634	68,665	47,017	41,144	34,719	68,102	2,061,611
7	Medium C&I	172,404	312,683	395,600	482,261	433,570	310,734	195,493	122,262	92,582	92,842	91,211	129,347	2,830,988
8	Large LLF	32,833	66,156	87,518	113,350	106,251	77,000	38,092	17,590	8,111	9,003	7,444	21,893	585,241
9	Large HLF	17,530	18,358	18,187	20,408	17,020	14,204	15,349	19,350	15,912	10,345	14,381	14,091	195,136
10	Extra Large LLF	3,781	6,963	9,313	9,683	14,539	8,303	5,409	3,332	1,167	1,113	283	4,676	68,562
11	Extra Large HLF	14,656	20,385	8,705	6,141	10,751	6,283	4,488	5,453	5,653	5,410	6,275	29,065	123,263
12	Total Sales	1,371,138	2,673,220	3,452,028	4,282,281	3,725,117	2,646,719	1,587,241	896,000	621,661	546,964	546,017	857,084	23,205,469
13	TSS													
14	Small	30	63	190	273	237	101	55	14	1	0	1	0	965
15	Medium	11,278	16,740	20,111	23,975	22,576	17,296	10,629	427	871	692	666	0	125,261
16	Large LLF	4,405	7,416	7,166	8,188	7,877	5,738	3,350	7,452	470	406	(7,506)	0	44,963
17	Large HLF	1,797	2,093	2,336	3,181	3,174	2,679	2,702	294	0	221	1,580	0	20,057
18	Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Total TSS	17,510	26,312	29,803	35,617	33,863	25,815	16,736	8,187	1,342	1,320	(5,259)	0	191,245
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	16,103	28,799	537,258
23	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	277	0	19,777
24	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	341,248	561,110	15,424,061
25	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	34,078	0	1,359,572
26	Small C&I	103,381	234,149	317,012	424,396	362,582	236,705	124,688	68,679	47,017	41,144	34,720	68,102	2,062,576
27	Medium C&I	183,682	329,423	415,711	506,235	456,146	328,031	206,121	122,689	93,453	93,534	91,877	129,347	2,956,249
28	Large LLF	37,238	73,573	94,684	121,538	114,128	82,739	41,442	25,042	8,581	9,409	(62)	21,893	630,204
29	Large HLF	19,327	20,451	20,523	23,589	20,194	16,883	18,051	19,644	15,912	10,566	15,961	14,091	215,193
30	Extra Large LLF	3,781	6,963	9,313	9,683	14,539	8,303	5,409	3,332	1,167	1,113	283	4,676	68,562
31	Extra Large HLF	14,656	20,385	8,705	6,141	10,751	6,283	4,488	5,453	5,653	5,410	6,275	29,065	123,263
32	Total Sales & TSS Throughput	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	540,759	857,084	23,396,714
33	FT-1 TRANSPORTATION													
34	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	317	317
35	FT-1 Medium	63,644	68,106	75,898	132,048	80,921	50,248	46,317	16,972	12,658	23,275	19,597	46,261	635,944
36	FT-1 Large LLF	90,987	108,704	113,907	224,428	122,228	70,276	54,505	4,166	(6,639)	15,268	12,755	70,555	881,139
37	FT-1 Large HLF	42,174	44,422	39,881	66,915	44,249	36,833	33,922	28,372	31,907	24,836	26,008	38,033	457,550
38	FT-1 Extra Large LLF	128,795	147,186	149,215	255,433	164,414	106,626	93,152	12,455	(19,882)	16,867	16,137	81,552	1,151,951
39	FT-1 Extra Large HLF	465,126	508,134	512,954	600,196	496,037	410,300	485,818	417,435	478,958	424,379	489,409	469,805	5,758,550
40	Default	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	1,527	0	44,689
40	Total FT-1 Transportation	795,530	885,185	896,900	1,287,608	913,192	678,786	717,920	479,501	497,528	506,036	565,433	706,523	8,930,141
41	FT-2 TRANSPORTATION													
42	FT-2 Small	3,168	7,148	11,801	16,262	13,677	8,922	4,864	2,660	1,939	1,894	1,805	3,029	77,169
43	FT-2 Medium	101,345	171,161	219,400	264,594	227,758	180,341	117,208	72,110	51,904	45,212	44,845	70,785	1,566,302
44	FT-2 Large LLF	65,164	126,421	166,758	196,312	191,012	124,706	75,799	25,923	15,596	13,724	15,849	40,762	1,058,023
45	FT-2 Large HLF	30,668	19,443	47,289	51,672	44,457	39,401	32,801	27,650	21,669	21,990	26,358	30,253	393,650
46	FT-2 Extra Large LLF	4,340	7,674	9,285	12,583	11,869	9,132	6,423	3,574	2,469	2,001	475	2,512	72,336
47	FT-2 Extra Large HLF	40,295	44,082	45,454	47,875	50,114	40,735	36,244	36,123	35,144	32,540	38,843	6,526	453,977
48	Total FT-2 Transportation	244,979	375,929	499,627	589,297	538,887	403,236	273,340	168,039	128,721	117,359	128,175	153,868	3,621,457
49	Total THROUGHPUT													
50	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	16,103	28,799	537,258
51	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	277	0	19,777
52	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	341,248	561,110	15,424,061
53	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	34,078	0	1,359,572
54	Small C&I	106,549	241,297	328,813	440,658	376,259	245,627	129,552	71,339	48,956	43,038	36,525	71,448	2,140,062
55	Medium C&I	348,671	568,689	710,649	902,877	764,825	558,619	369,646	211,771	158,015	162,022	156,319	246,393	5,158,495
56	Large LLF	193,388	308,698	375,350	542,278	427,367	277,720	171,746	55,130	17,537	38,400	28,542	133,210	2,569,366
57	Large HLF	92,168	84,316	107,694	142,175	108,900	93,117	84,774	75,665	69,488	57,392	68,327	82,377	1,066,393
58	Extra Large LLF	136,916	161,823	167,814	177,699	190,821	124,061	104,983	19,361	(16,246)	19,981	16,895	88,741	1,292,849
59	Extra Large HLF	520,078	572,601	567,112	654,211	556,902	457,318	526,550	459,011	519,756	462,329	534,527	505,396	6,335,789
60	Default	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	1,527	0	44,689
61	Total Throughput	2,429,157	3,960,645	4,878,358	6,194,802	5,211,058	3,754,555	2,595,237	1,551,727	1,249,252	1,171,679	1,234,367	1,717,475	35,948,312