

June 20, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4647 - Gas Cost Recovery (GCR) Filing
Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid,¹ I enclose ten (10) copies of the Company's monthly filing of gas costs and gas-cost revenue data.

The deferred balance report that is enclosed covers the 12-month period from November 1, 2016 through October 31, 2017. Based on seven months of actual data and five months of projected data, the projected deferred gas cost balance at the end of October 2017 is an under-recovery of approximately \$9.2 million (see attached Schedule 1, page 1). This calculation is based on the November 1, 2016 starting under-recovery balance of \$0.4 million plus the actual gas costs and gas cost revenue for the period November 1, 2016 through May 31, 2017, and the projected gas costs and gas-cost revenue for the period June 1, 2017 through October 31, 2017. The projected gas costs are updated to reflect the NYMEX strip as of June 6, 2017.

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, 2016 through May 31, 2017, and revised projected gas costs for June 1, 2017 through October 31, 2017. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2016 through October 31, 2017. Schedule 4 shows the calculation of working capital. Schedule 5 presents the calculation of inventory finance charges. Schedule 6 presents customer class specific throughput.

The current projected deferred balance of \$9.2 million as of October 31, 2017 is an increase of \$1.6 million as compared to the projected deferred balance of \$7.6 million from last

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

month's monthly deferred balance report. This increase is driven by the inclusion of \$0.2 million Gas Purchase Incentive Plan (GPIP) incentive adjustment,² a \$2.1 million reduction in revenue,³ and a \$0.3 million increase in actual gas cost for May 2017, offset by \$1.0 million decrease in projected gas cost for the period June 2017 through October 2017.

The projected October 2017 deferred balance of \$9.2 million represents a difference of 7.7% of National Grid's projected 2016-17 annual GCR revenues, which exceeds the 5 percent criteria established for evaluating whether the Company's GCR factor should be revised (see National Grid's Tariff, RIPUC NG-GAS No. 101, Section 2, Schedule A, Part 1.2). As explained in April 2017 GCR Deferred report submitted on May 18, 2017, the Company is not planning to revise its GCR factor at this time, primarily because such a change would result in significant bill increases. Instead, National Grid intends to include the projected under-recovery balance, updated for actual data as it becomes available, as part of the proposed 2017-18 GCR factors in this year's annual GCR filing, to be submitted by September 1, 2017.⁴

Thank you for your attention to this matter. If you have any questions, please contact Rob Humm at 401-784-7415 or me at 781-907-2153.

Very truly yours,



Celia B. O'Brien

Enclosure

cc: Docket 4647 Service List
Leo Wold, Esq.
Steve Scialabba
Bruce Oliver

²National Grid has revised the actual monthly deferred gas cost balances for November 2016 through April 2017 previously reported to include the annual GPIP incentive as set forth in the Public Utilities Commission's Order No. 22779 in Docket No. 4647 issued on April 27, 2017.

³National Grid has adjusted the June 2017 through August 2017 forecasted sales so that the Unaccounted For Gas percentage (UFG) for the period of November 2016 through October 2017 is 4.8 percent. Without this adjustment, the UFG based on actual sales and sendout for the period November 2016 through May 2017 and forecasted sales and sendout for the period June 2017 through October 2017 would be 6.0 percent. National Grid anticipates that the June through August billed sales will be higher than originally forecasted, resulting in an annual UFG percentage that is less than the 6.0 percent absent the adjustment to forecasted sales.

⁴Addressing the projected deferred balance of \$9.2 million in the following year's GCR factor is consistent with the approach taken in prior years, such as Docket No. 4520 in 2014 (\$29 million projected deferred balance) and Docket No. 4576 in 2015 (\$10.4 million projected deferred balance).

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.

The 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

>i bY&&. 2017

Date

Docket No. 4647 – National Grid – 2016 Annual Gas Cost Recovery Filing (GCR) - Service List as of 9/2/16

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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 Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			30	31	31	28	31	30	31	30	31	31	30	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
2	I. Fixed Cost Deferred														
3	Beginning Under/(Over) Recovery		(\$8,917,829)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$11,826,387)	(\$13,164,136)	(\$12,103,896)	(\$10,270,682)	(\$8,019,612)	(\$5,602,930)	(\$3,192,861)	(\$8,917,829)
4	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$4,016,513	\$4,152,016	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,295,103	\$49,655,831
5	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)
6	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
7	NGPMP Credits		(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	\$1,297,811	(\$1,171,974)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$10,157,382)
8	Working Capital	Sch. 4, line 15	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$22,434	\$23,215	\$24,036	\$24,040	\$24,036	\$24,040	\$24,036	\$277,611
9	Total Supply Fixed Costs	sum(4):(8)	\$2,445,750	\$3,798,001	\$2,975,085	\$3,064,838	\$5,325,320	\$2,790,872	\$2,957,464	\$3,100,698	\$3,101,376	\$3,101,376	\$3,100,698	\$3,101,376	\$38,862,852
10	Supply Fixed - Revenue	Sch. 3, line 13	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,682,340	\$4,108,098	\$1,875,782	\$1,249,109	\$834,784	\$673,133	\$683,406	\$1,214,275	\$31,047,874
11	Monthly Under/(Over) Recovery	(9) - (10)	\$437,605	\$272,191	(\$2,147,509)	(\$2,005,560)	\$642,980	(\$1,317,226)	\$1,081,682	\$1,851,589	\$2,266,592	\$2,428,243	\$2,417,292	\$1,887,101	\$7,814,978
12	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$8,480,224)	(\$8,256,170)	(\$10,415,261)	(\$12,434,705)	(\$11,807,072)	(\$13,143,612)	(\$12,082,454)	(\$10,252,308)	(\$8,004,091)	(\$5,591,370)	(\$3,185,638)	(\$1,305,761)	(\$1,102,852)
13	Month's Average Balance	[(3) + (12)] / 2	(\$8,699,027)	(\$8,392,265)	(\$9,341,507)	(\$11,431,925)	(\$12,128,562)	(\$12,485,000)	(\$12,623,295)	(\$11,178,102)	(\$9,137,387)	(\$6,805,491)	(\$4,394,284)	(\$2,249,311)	
14	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$10,725)	(\$11,582)	(\$13,884)	(\$15,347)	(\$19,314)	(\$20,523)	(\$21,442)	(\$18,375)	(\$15,521)	(\$11,560)	(\$7,223)	(\$3,821)	(\$169,319)
16	Marketer Reconciliation	Dkt 4647	(\$37,411)												(\$37,411)
17	Fixed Ending Under/(Over) Recovery	(12) + (15) + (16)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$11,826,387)	(\$13,164,136)	(\$12,103,896)	(\$10,270,682)	(\$8,019,612)	(\$5,602,930)	(\$3,192,861)	(\$1,309,582)	(\$1,309,582)
18	II. Variable Cost Deferred														
19	Beginning Under/(Over) Recovery		\$9,293,216	\$10,097,501	\$16,318,521	\$18,038,689	\$16,722,311	\$19,524,584	\$13,611,687	\$12,383,066	\$11,222,260	\$10,711,699	\$10,539,598	\$10,383,489	\$9,293,216
21	Variable Supply Costs	Sch. 2, line 76	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,609,288	\$3,862,631	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$88,017,868
22	Supply Related LNG to DAC	Dkt 4339	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)
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	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$17,368	\$18,893	\$23,407	\$26,170	\$31,594	\$32,502	\$286,630	\$286,630
25	Inventory Financing - UG	Sch. 5, line 12	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$41,623	\$50,698	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$736,917
26	Working Capital	Sch. 4, line 30	\$38,271	\$94,182	\$95,253	\$76,750	\$92,042	\$32,329	\$22,262	\$11,986	\$8,416	\$7,439	\$7,604	\$18,384	\$504,919
27	Total Supply Variable Costs	sum(21):(26)	\$6,842,261	\$16,583,205	\$16,760,256	\$13,513,509	\$16,163,497	\$5,748,333	\$4,002,209	\$2,209,388	\$1,596,082	\$1,435,644	\$1,480,802	\$3,372,319	\$89,707,506
28	Supply Variable - Revenue	Sch. 3, line 30	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$13,390,062	\$11,688,443	\$5,252,890	\$3,389,579	\$2,125,256	\$1,625,779	\$1,654,094	\$3,277,914	\$88,921,006
29	Monthly Under/(Over) Recovery	(27) - (28)	\$624,480	\$6,202,804	\$1,694,654	(\$1,339,695)	\$2,773,435	(\$5,940,110)	(\$1,250,681)	(\$1,180,191)	(\$529,174)	(\$190,135)	(\$173,292)	\$94,405	\$786,500
30	Prelim. Ending Under/(Over) Recovery	(21) + (31)	\$9,917,696	\$16,300,305	\$18,013,175	\$16,698,994	\$19,495,746	\$13,584,474	\$12,361,007	\$11,202,874	\$10,693,086	\$10,521,564	\$10,366,306	\$10,477,894	\$10,079,716
31	Month's Average Balance	[(19) + (30)] / 2	\$9,605,456	\$13,198,903	\$17,165,848	\$17,368,841	\$18,109,028	\$16,554,529	\$12,986,347	\$11,792,970	\$10,957,673	\$10,616,632	\$10,452,952	\$10,430,691	
32	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
33	Interest Applied	[(31) * (32)] / 365 * (1)	\$11,842	\$18,216	\$25,514	\$23,317	\$28,838	\$27,213	\$22,059	\$19,386	\$18,613	\$18,034	\$17,183	\$17,718	\$247,933
34	Gas Procurement Incentive (penalty)		\$167,963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$167,963
35	Variable Ending Under/(Over) Recovery	(30) + (33) + (34)	\$10,097,501	\$16,318,521	\$18,038,689	\$16,722,311	\$19,524,584	\$13,611,687	\$12,383,066	\$11,222,260	\$10,711,699	\$10,539,598	\$10,383,489	\$10,495,612	\$10,495,612
36	GCR Deferred Summary														
37	Beginning Under/(Over) Recovery	(3) + (19)	\$375,387	\$1,569,141	\$8,050,769	\$7,609,543	\$4,272,259	\$7,698,197	\$447,551	\$279,169	\$951,577	\$2,692,087	\$4,936,668	\$7,190,627	\$375,387
38	Gas Costs	sum(4):(6),(16),(20):(23)	\$10,217,640	\$20,173,596	\$20,668,038	\$17,546,975	\$20,022,259	\$9,597,425	\$7,986,271	\$6,345,728	\$5,726,991	\$5,557,388	\$5,585,452	\$7,456,489	\$136,884,252
39	Inventory Finance	(24) + (25)	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$58,991	\$69,592	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$1,023,547
40	Working Capital	(8) + (26)	\$58,553	\$115,719	\$118,569	\$100,581	\$114,847	\$54,763	\$45,477	\$36,022	\$32,456	\$31,479	\$31,640	\$42,424	\$782,530
41	NGPMP Credits	(7)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	\$1,297,811	(\$1,171,974)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$10,157,382)
42	Total Costs	sum(38):(41)	\$9,250,599	\$20,381,206	\$19,735,341	\$16,578,347	\$21,488,817	\$8,539,205	\$6,959,673	\$5,310,085	\$4,697,458	\$4,537,020	\$4,581,500	\$6,473,695	\$128,532,947
43	Revenue	(10) + (28)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$18,072,402	\$15,796,541	\$7,128,672	\$4,638,688	\$2,960,040	\$2,298,912	\$2,337,500	\$4,492,189	\$119,968,880
44	Monthly Under/(Over) Recovery	(42) - (43)	\$1,024,674	\$6,474,995	(\$452,855)	(\$3,345,255)	\$3,416,415	(\$7,257,335)	(\$168,999)	\$671,397	\$1,737,418	\$2,238,107	\$2,244,000	\$1,981,505	\$8,564,066
45	Prelim. Ending Under/(Over) Recovery	(37) + (44)	\$1,400,061	\$8,044,136	\$7,597,914	\$4,264,289	\$7,688,674	\$440,862	\$278,553	\$950,567	\$2,688,995	\$4,930,195	\$7,180,668	\$9,172,133	
46	Month's Average Balance	[(37) + (45)] / 2	\$887,724	\$4,806,638	\$7,824,342	\$5,936,916	\$5,980,266	\$4,069,529	\$363,052	\$614,868	\$1,820,286	\$3,811,141	\$6,058,668	\$8,181,380	
47	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
48	Interest Applied	(15) + (33)	\$11,118	\$6,634	\$11,629	\$7,970	\$9,524	\$6,690	\$6,617	\$1,011	\$3,092	\$6,474	\$9,959	\$13,897	\$78,614
49	Gas Purchase Plan Incentives (Penalties)	(34)	\$167,963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$167,963
51	Ending Under/(Over) Recovery W/ Interest	(45) + (48) + (49)	\$1,569,141	\$8,050,769	\$7,609,543	\$4,272,259	\$7,698,197	\$447,551	\$279,169	\$951,577	\$2,692,087	\$4,936,668	\$7,190,627	\$9,186,030	\$9,186,030

Supply Estimates Actuals for Filing

	<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Forecast</u> (h)	<u>Jul</u> <u>Forecast</u> (i)	<u>Aug</u> <u>Forecast</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	Nov-Oct (m)	
Projected Gas Costs using 6/06/2017 NYMEX settled														
Line No.	Description												Reference	
1	SUPPLY FIXED COSTS - Pipeline Delivery													
2	Algonquin (includes East to West, Hubline, AMA credits)	\$866,814	\$1,181,848	\$1,494,194	\$1,531,807	\$1,469,882	\$1,470,411	\$1,470,138	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$16,752,210
3	TETCO/Texas Eastern	\$724,537	\$728,107	\$728,107	\$729,926	\$729,926	\$699,047	\$727,131	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$8,697,909
4	Tennessee	\$1,093,209	\$1,093,190	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$13,118,126
5	NETNE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois	\$6,267	\$6,277	\$6,267	\$6,267	\$6,267	\$6,267	\$6,263	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$77,256
7	Union	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,362	\$2,440	\$2,440	\$2,362	\$2,440	\$12,044
8	Transcanada	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,002	\$13,435	\$13,435	\$13,002	\$13,435	\$66,309
9	Dominion	\$2,235	\$2,317	\$2,276	\$2,276	\$2,276	(\$28,498)	(\$28,498)	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	(\$34,440)
10	Transco	\$4,859	\$5,021	\$5,021	\$4,535	\$5,020	\$4,858	\$5,011	\$4,859	\$5,021	\$5,021	\$4,859	\$5,021	\$59,104
11	National Fuel	\$4,574	\$4,387	\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$54,233
12	Columbia	\$293,747	\$293,746	\$288,311	\$291,046	\$319,503	\$296,905	\$296,121	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$3,548,112
13	Alberta Northeast	\$58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58
14	Less Credits from Mktr Releases	(\$643,994)	(\$665,274)	(\$663,322)	(\$622,002)	(\$664,983)	(\$804,921)	(\$964,934)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$8,556,679)
		\$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	\$85,718	\$85,828	\$85,804	\$85,886	\$75,826	\$85,953	\$85,958	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$1,067,897
20	Dominion	\$82,949	\$83,284	\$83,117	\$83,117	\$83,117	\$83,117	\$83,117	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$996,563
21	Tennessee	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$580,041
22	Columbia	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$116,328
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	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$1,051,503
26	Tennessee	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$1,059,280
27	Dominion	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$368,828
28	Columbia	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$183,851
29	Confidential Pipelinne and Peaking Supplies	\$626,839	\$546,630	\$546,630	\$552,786	\$460,840	\$610,244	\$878,579	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$7,852,068
30	TOTAL FIXED COSTS	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$4,016,513	\$4,152,016	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$49,655,831

Supply Estimates Actuals for Filing

		<u>Nov</u> Actual (a)	<u>Dec</u> Actual (b)	<u>Jan</u> Actual (c)	<u>Feb</u> Actual (d)	<u>Mar</u> Actual (e)	<u>Apr</u> Actual (f)	<u>May</u> Actual (g)	<u>Jun</u> Forecast (h)	<u>Jul</u> Forecast (i)	<u>Aug</u> Forecast (j)	<u>Sep</u> Forecast (k)	<u>Oct</u> Forecast (l)	Nov-Oct (m)	
Projected Gas Costs using 6/06/2017 NYMEX settled															
Line No.	Description	Reference													
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)								\$1,378,477	\$964,358	\$1,082,849	\$1,244,315	\$1,476,516	\$6,146,516	
33	TETCO (Includes B&W)								\$0	\$0	\$0	\$0	\$0	\$0	
34	M3 Delivered								\$78,729	\$0	\$0	\$47,653	\$411,770	\$538,151	
35	Maumee								\$0	\$0	\$0	\$0	\$0	\$0	
36	Broadrun Col								\$0	\$0	\$0	\$0	\$0	\$0	
37	Columbia Eagle and Downingtown								\$117,504	\$49,638	\$99,992	\$62,751	\$34,894	\$364,779	
38	TETCO M2								\$915,891	\$1,221,521	\$1,204,104	\$796,819	\$1,869,872	\$6,008,207	
39	Dominion to TETCO FTS								\$0	\$0	\$0	\$0	\$0	\$0	
40	Transco Leidy								\$6,253	\$5,270	\$5,354	\$5,078	\$73,393	\$95,349	
41	DistriGas FCS								\$1,018,595	\$0	\$0	\$557,375	\$544,173	\$2,120,144	
42	Hubline								\$0	\$0	\$0	\$0	\$0	\$0	
43	Total Pipeline Commodity Charges*	sum[(32):(42)]	\$3,584,595	\$12,874,611	\$14,824,070	\$10,345,460	\$11,425,889	\$4,959,655	\$3,426,776	\$3,515,450	\$2,240,787	\$2,392,300	\$2,713,991	\$4,410,618	\$76,714,201
44	Hedging Settlements and Amortization		\$1,401,803	\$799,897	(\$1,704,181)	\$143,044	\$1,518,471	(\$226,730)	(\$249,285)	(\$155,279)	\$113,784	\$14,164	(\$14,729)	(\$39,822)	\$1,601,137
45	Hedging Contracts - Commission & Other Fees		\$161,244	\$703,912	\$863,419	\$767,448	\$703,178	\$38,086	\$65,969	\$0	\$0	\$0	\$0	\$0	\$3,303,257
46	Hedging Contracts - Net Carry of Collateral		\$5,873	\$1,126	\$1,212	\$2,298	\$1,410	\$136	\$41	\$0	\$0	\$0	\$0	\$0	\$12,097
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	(\$1,355,923)	(\$973,718)	(\$1,196,445)	(\$1,459,221)	(\$1,262,893)	(\$6,248,201)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,153,515	\$14,379,547	\$13,984,520	\$11,258,251	\$13,648,948	\$4,771,146	\$3,243,501	\$2,004,248	\$1,380,853	\$1,210,018	\$1,240,041	\$3,107,904	\$75,382,492
50	Underground Storage		\$771,467	\$1,189,881	\$1,482,766	\$1,557,396	\$1,560,812	\$366,734	\$104,774	\$0	\$0	\$0	\$0	\$0	\$7,033,829
51	LNG Withdrawals and Trucking		\$75,749	\$383,462	\$310,935	\$162,861	\$489,167	\$61,106	\$65,507	\$75,427	\$79,411	\$80,643	\$79,357	\$81,858	\$1,945,483
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)]	\$847,215	\$1,573,343	\$1,793,701	\$1,720,258	\$2,049,979	\$427,840	\$170,280	\$75,427	\$79,411	\$80,643	\$79,357	\$81,858	\$8,979,312
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$15,698,927	\$5,198,987	\$3,413,781	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$84,361,803
55	TOTAL SUPPLY COSTS	(30) + (54)	\$9,643,964	\$19,813,672	\$19,947,757	\$17,237,283	\$19,779,733	\$9,215,500	\$7,565,797	\$6,374,104	\$5,755,368	\$5,585,764	\$5,613,828	\$7,484,865	\$134,017,634

Supply Estimates Actuals for Filing

		<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
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Projected Gas Costs using 6/06/2017 NYMEX settled														
Line	<u>Description</u>													
No.	<u>Reference</u>													
56	Storage Costs for FT-2 Calculation													
57	Storage Fixed Costs - Facilities	\$390,438	\$390,882	\$390,692	\$390,774	\$380,714	\$390,841	\$390,845	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$4,725,710
58	Storage Fixed Costs - Deliveries	\$1,246,357	\$849,883	\$849,883	\$849,883	\$721,716	\$1,346,802	\$1,346,802	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$11,960,958
59	sub-total Storage Costs	sum[(56):(57)]												
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	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$58,991	\$69,592	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$1,023,547
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	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$22,434	\$23,215	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$277,611
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]												
65	System Storage MDQ (Dth)	183,069	191,153	198,008	196,094	198,576	197,169	195,265	149,325	149,325	149,325	149,325	149,325	2,105,958
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)												
67	Pipeline Variable	(54)												
68	Less Non-firm Gas Costs	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$15,698,927	\$5,198,987	\$3,413,781	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$84,361,803
69	Less Company Use	(\$65,801)	(\$143,846)	(\$342,994)	(\$216,056)	(\$21,936)	(\$78,559)	(\$94,417)	\$0	\$0	\$0	\$0	\$0	(\$963,609)
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	\$197,046	\$171,885	\$569,958	\$113,194	\$37,261	(\$105,508)	\$15,217	\$0	\$0	\$0	\$0	\$0	\$999,054
74	Plus Pipeline Srchg/Credit	\$504,150	\$506,090	\$523,851	\$523,610	\$473,159	\$523,707	\$508,042	\$0	\$0	\$0	\$0	\$0	\$3,562,610
75	Less Mkter FT-2 Daily weather true-up	\$4,068	\$19,177	(\$824)	(\$81,347)	\$26,267	\$70,662	\$20,006	\$0	\$0	\$0	\$0	\$0	\$58,010
76	TOTAL FIRM COMMODITY COSTS*	sum[(67):(75)]												
		\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,609,288	\$3,862,631	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$88,017,868

GCR Revenue

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
			<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>Forecast</u> (h)	<u>Forecast</u> (i)	<u>Forecast</u> (j)	<u>Forecast</u> (k)	<u>Forecast</u> (l)	(m)
1	I. Fixed Cost Revenue --														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,568,307	2,901,568	4,237,034	4,126,253	3,771,580	3,287,888	1,422,256	906,552	546,983	413,613	425,917	882,322	24,490,274
3	Fixed Cost Factor	(4) / (2)	\$1.1469	\$1.1423	\$1.1414	\$1.1418	\$1.1415	\$1.1417	\$1.1421	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	
4	Low Load Revenue		\$1,798,769	\$3,314,554	\$4,835,965	\$4,711,484	\$4,305,354	\$3,753,787	\$1,624,314	\$1,034,558	\$624,217	\$472,016	\$486,057	\$1,006,906	\$27,967,981
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	56,445	67,133	76,865	83,534	77,012	71,988	58,887	69,203	64,812	54,398	50,245	61,288	791,811
6	Fixed Cost Factor	(7) / (5)	\$0.8998	\$0.9090	\$0.8907	\$0.9190	\$0.9077	\$0.9078	\$0.9080	\$0.9074	0.9074	0.9074	0.9074	0.9074	
7	High Load Revenue		\$50,787	\$61,025	\$68,460	\$76,771	\$69,906	\$65,352	\$53,470	\$62,795	\$58,811	\$49,361	\$45,593	\$55,613	\$717,943
8	sub-total throughput Dth	(2) + (5)	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	3,359,876	1,481,143	975,755	611,796	468,012	476,163	943,610	25,282,085
9	FT-2 Storage Revenue from marketers		\$157,426	\$149,264	\$217,213	\$281,274	\$306,234	\$287,545	\$196,663	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$2,354,399
10	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	737	718	1,200	1,132	0	0	0	0	0	
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	
12	Manchester Street Revenue	(10) * (11)	\$1,163	\$968	\$957	\$869	\$846	\$1,414	\$1,335	\$0	\$0	\$0	\$0	\$0	\$7,551
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,682,340	\$4,108,098	\$1,875,782	\$1,249,109	\$834,784	\$673,133	\$683,406	\$1,214,275	\$31,047,874
14	II. Variable Cost Revenue --														
15	(a) Firm Sales dth	(8)	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	3,359,876	1,481,143	975,755	611,796	468,012	476,163	943,610	25,282,085
16	Variable Supply Cost Factor	(17) / (15)	\$3.8616	\$3.4773	\$3.4727	\$3.4766	\$3.4748	\$3.4752	\$3.4760	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	
17	Variable Supply Revenue		\$6,274,073	\$10,323,084	\$14,980,899	\$14,635,608	\$13,373,070	\$11,676,208	\$5,148,411	\$3,389,579	\$2,125,256	\$1,625,779	\$1,654,094	\$3,277,914	\$88,483,977
18	(b) TSS Sales dth	Sch. 6, line 20	3,116	6,555	4,658	14,712	17,411	19,307	7,830						73,589
19	TSS Surcharge Factor	Company's website	\$0.0000	\$0.0000	\$0.3880	\$0.0000	\$0.0000	\$0.0240	\$0.0870	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0	\$1,807	\$0	\$0	\$463	\$681						\$2,952
21	(c) Default Sales dth	Sch. 6, line 60	1,315	5,384	7,861	7,933	6,877	8,043	8,305	0	-	-	-	-	45,718
22	Variable Supply Cost Factor	(23) / (21)	\$5.35	\$9.23	\$9.50	\$26.96	\$1.09	\$0.57	\$9.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	Variable Supply Revenue		\$7,042	\$49,685	\$74,646	\$213,868	\$7,515	\$4,571	\$79,559	\$0	\$0	\$0	\$0	\$0	\$436,886
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		(\$66,873)	\$4,684	\$5,339	\$1,084	\$6,902	\$2,895	\$20,176	\$0	\$0	\$0	\$0	\$0	(\$25,793)
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	737	718	1,200	1,132	0	0	0	0	0	
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	
29	Manchester Street Revenue	(27) * (28)	\$3,539	\$2,948	\$2,912	\$2,644	\$2,575	\$4,305	\$4,063	\$0	\$0	\$0	\$0	\$0	\$22,985
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$13,390,062	\$11,688,443	\$5,252,890	\$3,389,579	\$2,125,256	\$1,625,779	\$1,654,094	\$3,277,914	\$88,921,006
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$18,072,402	\$15,796,541	\$7,128,672	\$4,638,688	\$2,960,040	\$2,298,912	\$2,337,500	\$4,492,189	\$119,968,880

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

		<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>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>		
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Line	Description	Reference													
No.															
1	Supply Fixed Costs	Sch. 1, line 4	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$4,016,513	\$4,152,016	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$49,655,831
2	Less: LNG Demand to DAC	Sch. 1, line 5	(\$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)	\$3,519,169	\$3,736,717	\$4,045,470	\$4,134,709	\$3,956,740	\$3,892,447	\$4,027,950	\$4,170,364	\$4,171,038	\$4,171,038	\$4,170,364	\$4,171,038	\$48,167,041
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	\$207,390	\$220,210	\$238,406	\$243,665	\$233,177	\$229,388	\$237,373	\$245,766	\$245,806	\$245,806	\$245,766	\$245,806	
8	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
9	Return on Working Capital Requirement	(7) * (8)	\$15,057	\$15,987	\$17,308	\$17,690	\$16,929	\$16,654	\$17,233	\$17,843	\$17,845	\$17,845	\$17,843	\$17,845	
10	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
11	Interest Expense	(7) * (10)	\$5,351	\$5,681	\$6,151	\$6,287	\$6,016	\$5,918	\$6,124	\$6,341	\$6,342	\$6,341	\$6,341	\$6,342	
12	Taxable Income	(9) - (11)	\$9,706	\$10,306	\$11,157	\$11,404	\$10,913	\$10,735	\$11,109	\$11,502	\$11,504	\$11,504	\$11,502	\$11,504	
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)	\$14,932	\$15,855	\$17,165	\$17,544	\$16,789	\$16,516	\$17,091	\$17,695	\$17,698	\$17,698	\$17,695	\$17,698	
15	Supply Fixed Working Capital Requirement	(11) + (14)	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$22,434	\$23,215	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$277,611
16	Supply Variable Costs	Sch. 1, line 21	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,609,288	\$3,862,631	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$88,017,868
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 22	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)
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)	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)
20	Allowable Working Capital Costs	(16) + (19)	\$6,640,193	\$16,341,190	\$16,526,878	\$13,316,577	\$15,969,830	\$5,609,288	\$3,862,631	\$2,079,675	\$1,460,264	\$1,290,661	\$1,319,398	\$3,189,761	\$87,606,346
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	\$391,317	\$963,011	\$973,954	\$784,766	\$941,126	\$330,564	\$227,631	\$122,558	\$86,056	\$76,061	\$77,754	\$187,977	
23	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
24	Return on Working Capital Requirement	(22) * (23)	\$28,410	\$69,915	\$70,709	\$56,974	\$68,326	\$23,999	\$16,526	\$8,898	\$6,248	\$5,522	\$5,645	\$13,647	
25	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
26	Interest Expense	(22) * (25)	\$10,096	\$24,846	\$25,128	\$20,247	\$24,281	\$8,529	\$5,873	\$3,162	\$2,220	\$1,962	\$2,006	\$4,850	
27	Taxable Income	(24) - (26)	\$18,314	\$45,069	\$45,581	\$36,727	\$44,045	\$15,470	\$10,653	\$5,736	\$4,027	\$3,560	\$3,639	\$8,797	
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)	\$28,175	\$69,337	\$70,125	\$56,503	\$67,761	\$23,801	\$16,389	\$8,824	\$6,196	\$5,476	\$5,598	\$13,534	
30	Supply Variable Working Capital Requirement	(26) + (29)	\$38,271	\$94,182	\$95,253	\$76,750	\$92,042	\$32,329	\$22,262	\$11,986	\$8,416	\$7,439	\$7,604	\$18,384	\$504,919

INVENTORY FINANCE

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 Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct Forecast (m)
1	Storage Inventory Balance		\$7,822,815	\$6,955,021	\$6,926,335	\$5,655,452	\$4,553,020	\$5,144,493	\$6,323,169	\$5,717,263	\$6,678,263	\$7,809,786	\$9,138,715	\$10,300,233	
2	Monthly Storage Deferral/Amortization		\$3,032,959	\$2,330,590	\$1,468,592	\$702,371	\$1	(\$37,322)	(\$102,505)	\$0	\$0	\$0	\$0	\$0	
3	Subtotal	(1) + (2)	\$10,855,774	\$9,285,611	\$8,394,927	\$6,357,824	\$4,553,021	\$5,107,172	\$6,220,665	\$5,717,263	\$6,678,263	\$7,809,786	\$9,138,715	\$10,300,233	
4	Cost of Capital	Dkt 4323	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
5	Return on Working Capital Requirement	(3) * (4)	\$788,129	\$674,135	\$609,472	\$461,578	\$330,549	\$370,781	\$451,620	\$415,073	\$484,842	\$566,990	\$663,471	\$747,797	\$6,564,438
6	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
7	Interest Charges Financed	(3) * (6)	\$280,079	\$239,569	\$216,589	\$164,032	\$117,468	\$131,765	\$160,493	\$147,505	\$172,299	\$201,492	\$235,779	\$265,746	\$2,332,817
8	Taxable Income	(5) - (7)	\$508,050	\$434,567	\$392,883	\$297,546	\$213,081	\$239,016	\$291,127	\$267,568	\$312,543	\$365,498	\$427,692	\$482,051	
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)	\$781,616	\$668,564	\$604,435	\$457,763	\$327,818	\$367,716	\$447,888	\$411,643	\$480,835	\$562,305	\$657,987	\$741,617	\$6,510,186
11	Working Capital Requirement	(7) + (10)	\$1,061,695	\$908,133	\$821,024	\$621,795	\$445,285	\$499,481	\$608,381	\$559,148	\$653,134	\$763,797	\$893,766	\$1,007,363	\$8,843,003
12	Monthly Average	(11) / 12	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$41,623	\$50,698	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$736,917
13	LNG Inventory Balance		\$3,386,262	\$2,997,625	\$2,697,248	\$2,532,709	\$2,060,523	\$2,131,044	\$2,318,192	\$2,871,965	\$3,098,114	\$3,211,057	\$3,876,581	\$3,987,966	
14	Cost of Capital	Dkt 4323	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
15	Return on Working Capital Requirement	(13) * (14)	\$245,843	\$217,628	\$195,820	\$183,875	\$149,594	\$154,714	\$168,301	\$208,505	\$224,923	\$233,123	\$281,440	\$289,526	\$2,553,290
16	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
17	Interest Charges Financed	(13) * (16)	\$87,366	\$77,339	\$69,589	\$65,344	\$53,161	\$54,981	\$59,809	\$74,097	\$79,931	\$82,845	\$100,016	\$102,890	\$907,368
18	Taxable Income	(15) - (17)	\$158,477	\$140,289	\$126,231	\$118,531	\$96,432	\$99,733	\$108,491	\$134,408	\$144,992	\$150,277	\$181,424	\$186,637	
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)	\$243,811	\$215,829	\$194,202	\$182,355	\$148,358	\$153,435	\$166,910	\$206,781	\$223,064	\$231,196	\$279,114	\$287,134	\$2,532,189
21	Working Capital Requirement	(17) + (20)	\$331,176	\$293,168	\$263,791	\$247,699	\$201,519	\$208,416	\$226,719	\$280,878	\$302,996	\$314,041	\$379,130	\$390,023	\$3,439,556
22	Monthly Average	(21) / 12	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$17,368	\$18,893	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$286,630
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$58,991	\$69,592	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$1,023,547

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 Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
THROUGHPUT (Dth)														
1	SALES													
2	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	44,256	29,336	40,017	33,084	27,141	25,656	35,674	449,648
3	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	1,429	1,005	0	0	0	0	0	9,111
4	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	2,276,588	986,291	706,707	430,658	322,547	335,174	684,134	17,319,271
5	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	194,021	100,127	0	0	0	0	0	1,274,572
6	Small C&I	116,386	260,153	412,737	405,424	368,672	313,479	104,811	33,837	36	28	28	39,202	2,054,793
7	Medium C&I	202,328	353,053	502,001	473,805	444,548	395,382	189,716	142,597	105,552	83,779	82,250	135,881	3,110,891
8	Large LLF	38,117	70,274	111,810	100,523	94,633	80,576	30,177	21,503	10,284	7,032	8,101	21,542	594,572
9	Large HLF	17,053	21,083	26,215	26,803	24,099	20,948	19,724	16,334	17,014	14,545	13,191	14,260	231,269
10	Extra Large LLF	3,267	6,464	12,229	9,417	10,069	10,129	4,291	1,909	454	227	364	1,563	60,382
11	Extra Large HLF	10,464	5,556	6,078	3,679	3,582	3,762	7,836	12,851	14,715	12,713	11,398	11,354	103,988
12	Total Sales	1,621,637	2,962,145	4,309,240	4,195,075	3,831,181	3,340,569	1,473,313	975,755	611,796	468,012	476,163	943,610	25,208,496
13	TSS													
14	Small	1	820	1,643	1,720	1,352	1,660	341	0	0	0	0	0	7,537
15	Medium	1,651	2,542	5,657	6,588	6,566	8,327	4,570	0	0	0	0	0	35,901
16	Large LLF	1,104	2,207	5,122	5,623	8,641	7,726	1,932	0	0	0	0	0	32,354
17	Large HLF	360	986	(7,763)	781	852	1,594	987	0	0	0	0	0	(2,204)
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	3,116	6,555	4,658	14,712	17,411	19,307	7,830	0	0	0	0	0	73,589
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	44,256	29,336	40,017	33,084	27,141	25,656	35,674	449,648
23	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	1,429	1,005	0	0	0	0	0	9,111
24	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	2,276,588	986,291	706,707	430,658	322,547	335,174	684,134	17,319,271
25	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	194,021	100,127	0	0	0	0	0	1,274,572
26	Small C&I	116,387	260,972	414,380	407,145	370,024	315,140	105,153	33,837	36	28	28	39,202	2,062,330
27	Medium C&I	203,978	355,596	507,658	480,393	451,114	403,709	194,286	142,597	105,552	83,779	82,250	135,881	3,146,792
28	Large LLF	39,221	72,481	116,932	106,146	103,274	88,301	32,109	21,503	10,284	7,032	8,101	21,542	626,927
29	Large HLF	17,413	22,069	18,451	27,584	24,951	22,542	20,711	16,334	17,014	14,545	13,191	14,260	229,065
30	Extra Large LLF	3,267	6,464	12,229	9,417	10,069	10,129	4,291	1,909	454	227	364	1,563	60,382
31	Extra Large HLF	10,464	5,556	6,078	3,679	3,582	3,762	7,836	12,851	14,715	12,713	11,398	11,354	103,988
32	Total Sales & TSS Throughput	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	3,359,876	1,481,143	975,755	611,796	468,012	476,163	943,610	25,282,085
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	15,039	57,778	91,539	92,513	76,349	87,997	45,854	33,616	25,574	24,628	25,725	34,041	610,197
36	FT-1 Large LLF	30,674	85,561	138,218	139,766	118,745	139,253	64,270	30,454	16,732	14,706	16,896	33,323	828,598
37	FT-1 Large HLF	3,130	34,229	46,585	45,978	41,018	46,755	30,869	32,634	30,446	30,181	30,467	32,613	404,905
38	FT-1 Extra Large LLF	49,729	116,405	178,743	179,983	159,841	186,388	98,443	41,887	25,453	22,988	25,654	45,642	1,131,156
39	FT-1 Extra Large HLF	26,686	491,114	557,480	552,086	489,501	569,383	456,839	466,144	467,404	465,913	467,525	479,610	5,489,683
40	Default	1,315	5,384	7,861	7,933	6,877	8,043	8,305	0	0	0	0	0	45,718
40	Total FT-1 Transportation	126,573	790,470	1,020,427	1,018,260	892,330	1,037,818	704,581	604,279	565,609	558,416	566,267	625,227	8,510,257
41	FT-2 TRANSPORTATION													
42	FT-2 Small	5,763	12,400	19,816	18,921	18,027	14,840	5,565	4,097	2,464	2,218	2,484	4,476	111,070
43	FT-2 Medium	113,132	196,524	277,630	266,892	257,186	228,063	111,699	75,879	50,797	47,414	51,410	80,659	1,757,283
44	FT-2 Large LLF	90,345	164,245	224,090	204,116	189,418	154,331	66,850	32,586	13,358	10,469	13,659	37,191	1,200,659
45	FT-2 Large HLF	36,219	43,989	56,893	59,620	56,196	46,493	33,574	28,263	25,785	25,411	25,815	29,270	467,526
46	FT-2 Extra Large LLF	1,374	4,987	7,574	6,675	5,895	6,478	2,108	2,157	1,191	1,040	1,203	2,428	43,110
47	FT-2 Extra Large HLF	42,225	46,991	50,604	47,994	55,613	50,379	37,837	47,071	50,129	49,851	50,151	52,406	581,249
48	Total FT-2 Transportation	289,058	469,135	636,607	604,218	582,335	500,584	257,632	190,054	143,722	136,402	144,723	206,430	4,160,897
49	Total THROUGHPUT													
50	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	44,256	29,336	40,017	33,084	27,141	25,656	35,674	449,648
51	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	1,429	1,005	0	0	0	0	0	9,111
52	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	2,276,588	986,291	706,707	430,658	322,547	335,174	684,134	17,319,271
53	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	194,021	100,127	0	0	0	0	0	1,274,572
54	Small C&I	122,150	273,372	434,196	426,066	388,051	329,980	110,717	37,934	2,499	2,246	2,511	43,678	2,173,400
55	Medium C&I	332,149	609,897	876,827	829,797	784,649	719,769	351,839	251,637	181,923	155,821	159,385	250,580	5,514,272
56	Large LLF	160,240	322,287	479,241	450,028	411,438	381,885	163,229	84,543	40,373	32,207	38,657	92,056	2,656,184
57	Large HLF	56,763	100,288	121,930	133,181	122,164	115,789	85,154	77,231	73,244	70,137	69,473	76,143	1,101,496
58	Extra Large LLF	54,369	127,856	198,546	196,075	175,805	202,996	104,842	45,953	27,098	24,255	27,220	49,633	1,234,648
59	Extra Large HLF	79,375	543,661	614,162	603,758	548,696	623,524	502,512	526,066	532,247	528,476	529,074	543,369	6,174,920
60	Default	1,315	5,384	7,861	7,933	6,877	8,043	8,305	0	0	0	0	0	45,718
61	Total Throughput	2,040,383	4,228,306	5,970,932	5,832,264	5,323,257	4,898,277	2,443,356	1,770,088	1,321,127	1,162,830	1,187,152	1,775,267	37,953,239