

February 16, 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 Filing (GCR)
Monthly Filing of GCR Deferred Balances

Dear Ms. Massaro:

On behalf of National Grid,¹ enclosed please find 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, 2016 through October 31, 2017. Based on three months of actual data and nine months of projected data, the deferred gas cost balance at the end of October 2017 is an under-recovery of approximately \$2.0 million (see attached Schedule 1, page 1).² 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 of November 1, 2016 through January 31, 2017, and the projected gas costs and gas cost revenue for the period of February 1, 2017 through October 31, 2017. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of February 7, 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 January 31, 2017, and revised projected gas costs for February 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. The calculation of inventory finance charges is presented in 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 National Grid has revised the actual monthly deferred gas cost balance for December 2016 to reflect the actual credits earned as of December 31, 2016 through the Natural Gas Portfolio Management Plan, as reflected in the Company's February 1, 2017 Natural Gas Portfolio Management Plan Quarterly Report for the period of April 1, 2016 through December 31, 2016 filed in Docket No. 4038.

Luly E. Massaro, Commission Clerk
Docket 4647 – GCR Deferred Report
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Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'RH', with a long horizontal flourish extending to the right.

Robert J. Humm

Enclosure

cc: Docket 4647 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.

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

: Yfi Ufm%, 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 Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			31	31	31	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	31
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
1	# of Days in Month														365
2	I. Fixed Cost Deferred														
3	Beginning Under/(Over) Recovery		(\$8,917,829)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$13,055,835)	(\$14,779,078)	(\$15,134,910)	(\$14,152,985)	(\$12,190,173)	(\$9,785,986)	(\$7,316,788)	(\$4,908,278)	(\$8,917,829)
4	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,643,234	\$3,860,783	\$4,169,536	\$4,155,641	\$4,029,496	\$4,294,433	\$4,295,107	\$4,294,433	\$4,295,107	\$4,295,107	\$4,294,433	\$4,295,107	\$49,922,417
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)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$12,566,551)
8	Working Capital	Sch. 4, line 15	\$20,283	\$21,537	\$23,316	\$23,236	\$22,509	\$24,036	\$24,040	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$279,147
9	Total Supply Fixed Costs	sum(4):(8)	\$2,445,750	\$3,798,001	\$2,975,085	\$2,961,109	\$2,834,238	\$3,100,701	\$3,101,379	\$3,100,701	\$3,101,379	\$3,101,379	\$3,101,379	\$3,101,379	\$36,721,805
10	Supply Fixed - Revenue	Sch. 3, line 13	\$2,008,144	\$3,525,810	\$5,122,594	\$5,572,045	\$4,536,811	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,615,138
11	Monthly Under/(Over) Recovery	(9) - (10)	\$437,605	\$272,191	(\$2,147,509)	(\$2,610,936)	(\$1,702,573)	(\$334,334)	\$1,003,674	\$1,981,744	\$2,420,506	\$2,481,899	\$2,417,295	\$1,887,104	\$6,106,666
12	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$8,480,224)	(\$8,256,170)	(\$10,415,261)	(\$13,040,082)	(\$14,758,408)	(\$15,113,412)	(\$14,131,236)	(\$12,171,241)	(\$9,769,667)	(\$7,304,087)	(\$4,899,492)	(\$3,021,174)	(\$2,811,163)
13	Month's Average Balance	[(3) + (12)] / 2	(\$8,699,027)	(\$8,392,265)	(\$9,341,507)	(\$11,734,614)	(\$13,907,122)	(\$14,946,245)	(\$14,632,073)	(\$13,162,113)	(\$10,979,920)	(\$8,545,037)	(\$6,108,140)	(\$3,964,726)	
14	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$10,725)	(\$11,582)	(\$13,884)	(\$15,753)	(\$20,670)	(\$21,498)	(\$21,749)	(\$18,932)	(\$16,319)	(\$12,700)	(\$8,786)	(\$5,893)	(\$178,493)
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)	(\$13,055,835)	(\$14,779,078)	(\$15,134,910)	(\$14,152,985)	(\$12,190,173)	(\$9,785,986)	(\$7,316,788)	(\$4,908,278)	(\$3,027,067)	(\$3,027,067)
18	II. Variable Cost Deferred														
19	Beginning Under/(Over) Recovery		\$9,293,216	\$9,929,538	\$16,316,397	\$18,037,904	\$16,406,638	\$14,254,280	\$10,183,861	\$7,381,612	\$6,309,765	\$6,126,815	\$5,838,061	\$5,338,299	\$9,293,216
20															
21	Variable Supply Costs	Sch. 2, line 76	\$6,640,193	\$16,506,195	\$16,528,212	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$2,812,699	\$82,400,117
22	Supply Related LNG to DAC	Dkt 4339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$7,477	\$6,881	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$257,640
25	Inventory Financing - UG	Sch. 5, line 12	\$88,475	\$75,678	\$68,419	\$34,010	\$21,398	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$678,397
26	Working Capital	Sch. 4, line 30	\$38,271	\$95,133	\$95,260	\$85,190	\$64,124	\$33,774	\$17,548	\$10,247	\$7,603	\$5,864	\$5,688	\$16,211	\$474,913
27	Total Supply Variable Costs	sum(21):(26)	\$6,842,261	\$16,749,161	\$16,761,598	\$14,955,269	\$11,266,043	\$5,983,358	\$3,165,806	\$1,905,872	\$1,454,173	\$1,160,837	\$1,146,301	\$2,993,083	\$84,383,761
28	Supply Variable - Revenue	Sch. 3, line 30	\$6,217,781	\$10,380,401	\$15,065,602	\$16,609,640	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$88,791,434
29	Monthly Under/(Over) Recovery	(27) - (28)	\$624,480	\$6,368,760	\$1,695,996	(\$1,654,371)	(\$2,175,126)	(\$4,087,982)	(\$2,815,293)	(\$1,081,687)	(\$192,185)	(\$297,639)	(\$507,793)	(\$284,831)	(\$4,407,673)
30	Prelim. Ending Under/(Over) Recovery	(21) + (31)	\$9,917,696	\$16,298,298	\$18,012,393	\$16,383,533	\$14,231,512	\$10,166,298	\$7,368,568	\$6,299,925	\$6,117,580	\$5,829,176	\$5,330,267	\$5,053,469	\$4,885,544
31	Month's Average Balance	[(19) + (30)] / 2	\$9,605,456	\$13,113,918	\$17,164,395	\$17,210,719	\$15,319,075	\$12,210,289	\$8,776,214	\$6,840,769	\$6,213,672	\$5,977,995	\$5,584,164	\$5,195,884	
32	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	
33	Interest Applied	[(31) * (32)] / 365 * (1)	\$11,842	\$18,099	\$25,511	\$23,105	\$22,769	\$17,563	\$13,044	\$9,839	\$9,235	\$8,885	\$8,032	\$7,723	\$175,648
34	Gas Procurement Incentive/(penalty)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Variable Ending Under/(Over) Recovery	(30) + (33) + (34)	\$9,929,538	\$16,316,397	\$18,037,904	\$16,406,638	\$14,254,280	\$10,183,861	\$7,381,612	\$6,309,765	\$6,126,815	\$5,838,061	\$5,338,299	\$5,061,191	\$5,061,191
36	GCR Deferred Summary														
37	Beginning Under/(Over) Recovery	(3) + (19)	\$375,387	\$1,401,178	\$8,048,645	\$7,608,759	\$3,350,803	(\$524,798)	(\$4,951,050)	(\$6,771,373)	(\$5,880,409)	(\$3,659,171)	(\$1,478,727)	\$430,021	\$375,387
38	Gas Costs	sum(4):(6),(16),(20):(23)	\$10,217,640	\$20,338,601	\$20,669,372	\$18,908,132	\$15,127,035	\$10,126,025	\$7,311,490	\$6,043,955	\$5,584,159	\$5,252,871	\$7,079,430	\$131,944,608	
39	Inventory Finance	(24) + (25)	\$116,073	\$100,108	\$90,401	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$936,037
40	Working Capital	(8) + (26)	\$58,553	\$116,670	\$118,576	\$108,426	\$86,633	\$57,810	\$41,588	\$34,283	\$31,643	\$29,904	\$29,723	\$40,251	\$754,060
41	NGPMP Credits	(7)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$12,566,551)
42	Total Costs	sum(38):(41)	\$9,250,599	\$20,547,162	\$19,736,683	\$17,916,378	\$14,100,280	\$9,084,059	\$6,267,186	\$5,006,573	\$4,555,552	\$4,262,216	\$4,247,002	\$6,094,463	\$121,068,155
43	Revenue	(10) + (28)	\$8,225,926	\$13,906,212	\$20,188,196	\$22,181,685	\$17,977,980	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,502	\$4,492,189	\$119,406,572
44	Monthly Under/(Over) Recovery	(42) - (43)	\$1,024,674	\$6,640,951	(\$451,514)	(\$4,265,307)	(\$3,877,700)	(\$4,422,316)	(\$1,811,618)	\$900,057	\$2,228,321	\$2,184,260	\$1,909,500	\$1,602,274	\$1,661,582
45	Prelim. Ending Under/(Over) Recovery	(37) + (44)	\$1,400,061	\$8,042,129	\$7,597,131	\$3,345,452	(\$526,897)	(\$4,947,114)	(\$6,762,668)	(\$5,871,316)	(\$3,652,087)	(\$1,474,912)	\$430,775	\$2,032,295	
46	Month's Average Balance	[(37) + (45)] / 2	\$887,724	\$4,721,653	\$7,822,888	\$5,476,105	\$1,411,953	(\$2,735,956)	(\$5,856,859)	(\$6,321,345)	(\$4,766,248)	(\$2,567,042)	(\$523,976)	\$1,231,158	
47	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	
48	Interest Applied	(15) + (33)	\$1,118	\$6,517	\$11,627	\$7,351	\$2,099	(\$3,935)	(\$8,705)	(\$9,092)	(\$7,084)	(\$3,815)	(\$754)	\$1,830	(\$2,845)
49	Gas Purchase Plan Incentives/(Penalties)	(34)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50															
51	Ending Under/(Over) Recovery W/ Interest	(45) + (48) + (49)	\$1,401,178	\$8,048,645	\$7,608,759	\$3,350,803	(\$524,798)	(\$4,951,050)	(\$6,771,373)	(\$5,880,409)	(\$3,659,171)	(\$1,478,727)	\$430,021	\$2,034,125	\$2,034,125

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>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</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 2/7/2017 NYMEX settled													
<u>Line No.</u>	<u>Description</u>												<u>Reference</u>
1	SUPPLY FIXED COSTS - Pipeline Delivery												
2	\$866,814	\$1,181,848	\$1,494,194	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$1,453,427	\$16,623,697
3	\$724,537	\$728,107	\$728,107	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$8,716,782
4	\$1,093,209	\$1,093,190	\$1,093,228	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$13,117,680
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	\$6,267	\$6,277	\$6,267	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$78,897
7	\$0	\$0	\$0	\$2,204	\$2,440	\$2,362	\$2,440	\$2,362	\$2,440	\$2,440	\$2,362	\$2,440	\$21,491
8	\$0	\$0	\$0	\$12,135	\$13,435	\$13,002	\$13,435	\$13,002	\$13,435	\$13,435	\$13,002	\$13,435	\$118,315
9	\$2,235	\$2,317	\$2,276	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$26,943
10	\$4,859	\$5,021	\$5,021	\$4,535	\$5,021	\$4,859	\$5,021	\$4,859	\$5,021	\$5,021	\$4,859	\$5,021	\$59,114
11	\$4,574	\$4,387	\$4,480	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$54,606
12	\$293,747	\$293,746	\$288,311	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$3,519,523
13	\$58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58
14	(\$643,994)	(\$665,274)	(\$663,322)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$8,321,640)
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Supply Fixed - Supplier												
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	STORAGE FIXED COSTS - Facilities												
19	\$85,718	\$85,828	\$85,804	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$1,115,813
20	\$82,949	\$83,284	\$83,117	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$995,894
21	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$626,839	\$546,630	\$546,630	\$588,460	\$460,294	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$7,850,183
30	TOTAL FIXED COSTS		sum[(2):(29)]	\$3,643,234	\$3,860,783	\$4,169,536	\$4,155,641	\$4,029,496	\$4,294,433	\$4,295,107	\$4,294,433	\$4,295,107	\$49,922,417

Supply Estimates Actuals for Filing

		<u>Nov</u> Actual (a)	<u>Dec</u> Actual (b)	<u>Jan</u> Actual (c)	<u>Feb</u> Forecast (d)	<u>Mar</u> Forecast (e)	<u>Apr</u> Forecast (f)	<u>May</u> Forecast (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 2/7/2017 NYMEX settled														
Line No.	Description	Reference												
31	VARIABLE SUPPLY COSTS (Includes Injections)													
32	Tennessee (Includes ANE and Niagara)				\$3,165,360	\$2,190,574	\$1,938,580	\$902,009	\$1,258,198	\$1,065,606	\$1,129,790	\$1,242,211	\$1,464,367	\$14,356,696
33	TETCO (Includes B&W)				\$194,232	\$192,857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$387,089
34	M3 Delivered				\$562,718	\$246,684	\$1,660,376	\$1,769,187	\$72,311	\$0	\$0	\$48,176	\$420,708	\$4,780,161
35	Maumee				\$2,608,906	\$2,328,114	\$78,685	\$0	\$0	\$0	\$0	\$0	\$0	\$5,015,705
36	Broadrun Col				\$814,752	\$753,904	\$62,150	\$0	\$0	\$0	\$0	\$0	\$0	\$1,630,805
37	Columbia Eagle and Downingtown				\$512,446	\$147,694	\$156,910	\$108,832	\$107,990	\$54,058	\$103,781	\$63,435	\$35,645	\$1,290,792
38	TETCO M2				\$2,290,317	\$2,256,356	\$2,114,163	\$712,499	\$818,566	\$1,327,238	\$1,240,262	\$808,312	\$1,893,808	\$13,461,520
39	Dominion to TETCO FTS				\$50,039	\$49,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,652
40	Transco Leidy				\$109,196	\$107,858	\$31,258	\$5,791	\$5,495	\$5,624	\$5,384	\$5,026	\$73,486	\$349,117
41	DistriGas FCS				\$1,333,397	\$408,375	\$1,058,225	\$1,031,053	\$935,564	\$0	\$0	\$563,502	\$555,985	\$5,886,100
42	Hubline				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	Total Pipeline Commodity Charges*	sum[(32):(42)]	\$3,584,595	\$12,874,611	\$14,824,070	\$11,641,364	\$8,682,026	\$7,100,346	\$4,529,372	\$3,198,124	\$2,452,526	\$2,479,217	\$2,730,662	\$78,540,912
44	Hedging Settlements and Amortization	\$1,401,803	\$799,897	(\$1,704,181)	\$143,044	\$153,745	(\$160,260)	(\$376,120)	(\$262,700)	(\$147,725)	(\$303,360)	(\$355,802)	(\$442,154)	(\$1,253,813)
45	Hedging Contracts - Commission & Other Fees	\$161,244	\$703,912	\$863,419	\$662,075	\$604,773	\$7,905	\$0	\$0	\$0	\$0	\$0	\$0	\$3,003,328
46	Hedging Contracts - Net Carry of Collateral	\$5,873	\$1,126	\$1,212	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,211
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	(\$1,168,827)	(\$1,184,342)	(\$1,233,529)	(\$1,065,728)	(\$1,239,915)	(\$1,468,185)	(\$1,272,451)	(\$8,632,977)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,153,515	\$14,379,547	\$13,984,520	\$12,446,483	\$9,440,544	\$5,779,163	\$2,968,910	\$1,701,895	\$1,239,073	\$935,942	\$906,675	\$71,665,663
50	Underground Storage	\$771,467	\$1,189,881	\$1,482,766	\$1,653,902	\$1,511,655	\$11,951	\$0	\$0	\$0	\$0	\$0	\$0	\$6,621,621
51	LNG Withdrawals and Trucking	\$75,749	\$383,462	\$310,935	\$574,503	\$73,195	\$67,566	\$75,849	\$76,003	\$80,095	\$81,486	\$80,138	\$83,304	\$1,962,285
52	Storage Delivery Costs	\$0	\$0	\$0	\$105,980	\$100,521	\$1,287	\$0	\$0	\$0	\$0	\$0	\$0	\$207,788
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$847,215	\$1,573,343	\$1,793,701	\$2,334,385	\$1,685,371	\$80,805	\$75,849	\$76,003	\$80,095	\$81,486	\$80,138	\$8,791,694
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,000,730	\$15,952,889	\$15,778,221	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$80,457,357
55	TOTAL SUPPLY COSTS	(30) + (54)	\$9,643,964	\$19,813,672	\$19,947,757	\$18,936,508	\$15,155,411	\$10,154,401	\$7,339,866	\$6,072,331	\$5,614,275	\$5,312,535	\$5,281,247	\$130,379,774

Supply Estimates 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)	Forecast (d)	Forecast (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	(m)
Projected Gas Costs using 2/7/2017 NYMEX settled															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$390,438	\$390,882	\$390,692	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$4,772,956
58	Storage Fixed Costs - Deliveries		\$1,246,357	\$849,883	\$849,883	\$812,483	\$684,316	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$11,092,408
59	sub-total Storage Costs	sum[(56):(57)]	\$1,636,795	\$1,240,765	\$1,240,574	\$1,212,588	\$1,084,421	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$15,865,364
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	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$936,037
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	\$23,236	\$22,509	\$24,036	\$24,040	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$279,147
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,697,050	\$1,286,309	\$1,278,191	\$1,201,210	\$1,059,108	\$1,339,858	\$1,353,745	\$1,367,969	\$1,377,648	\$1,387,791	\$1,404,041	\$1,414,419	\$16,167,340
65	System Storage MDQ (Dth)		183,069	191,153	198,008	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	1,916,155
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.2700	\$6.7292	\$6.4552	\$8.0443	\$7.0926	\$8.9728	\$9.0658	\$9.1610	\$9.2258	\$9.2938	\$9.4026	\$9.4721	\$8.4374
67	Pipeline Variable	(54)	\$6,000,730	\$15,952,889	\$15,778,221	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$2,812,699	\$80,457,357
68	Less Non-firm Gas Costs		(\$65,801)	(\$143,846)	(\$342,994)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$552,642)
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		\$197,046	\$171,885	\$569,958	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$938,889
74	Plus Pipeline Srchg/Credit		\$504,150	\$506,090	\$523,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,534,091
75	Less Mkter FT-2 Daily weather true-up		\$4,068	\$19,177	(\$824)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,421
76	TOTAL FIRM COMMODITY COSTS*	sum[(67):(75)]	\$6,640,193	\$16,506,195	\$16,528,212	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$2,812,699	\$82,400,117

GCR Revenue

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
1	<u>I. Fixed Cost Revenue --</u>														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,568,307	2,901,568	4,237,034	4,626,363	3,738,466	2,790,929	1,640,767	799,031	423,728	371,050	425,917	882,322	24,405,481
3	Fixed Cost Factor	(4) / (2)	\$1.1469	\$1.1423	\$1.1414	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	
4	Low Load Revenue		\$1,798,769	\$3,314,554	\$4,835,965	\$5,279,605	\$4,266,337	\$3,185,008	\$1,872,443	\$911,854	\$483,558	\$423,442	\$486,057	\$1,006,906	\$27,864,498
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	56,445	67,133	76,865	155,041	130,833	108,300	81,007	60,995	50,208	48,800	50,245	61,288	947,160
6	Fixed Cost Factor	(7) / (5)	\$0.8998	\$0.9090	\$0.8907	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	0.9074	0.9074	0.9074	0.9074	
7	High Load Revenue		\$50,787	\$61,025	\$68,460	\$140,684	\$118,718	\$98,271	\$73,506	\$55,347	\$45,559	\$44,282	\$45,593	\$55,613	\$857,844
8	sub-total throughput Dth	(2) + (5)	1,624,752	2,968,700	4,313,898	4,781,404	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,352,641
9	FT-2 Storage Revenue from marketers		\$157,426	\$149,264	\$217,213	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$1,889,709
10	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	0	0	0	0	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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,087
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$2,008,144	\$3,525,810	\$5,122,594	\$5,572,045	\$4,536,811	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,615,138
14	<u>II. Variable Cost Revenue --</u>														
15	(a) Firm Sales dth	(8)	1,624,752	2,968,700	4,313,898	4,781,404	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,352,641
16	Variable Supply Cost Factor	(17) / (15)	\$3.8616	\$3.4773	\$3.4731	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	
17	Variable Supply Revenue		\$6,274,073	\$10,323,084	\$14,982,707	\$16,609,640	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$88,707,513
18	(b) TSS Sales dth	Sch. 6, line 20	3,116	6,555	4,658										14,329
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	1,315	5,384	7,861	0	0	0	0	0	-	-	-	-	14,560
22	Variable Supply Cost Factor	(23) / (21)	\$5.35	\$9.23	\$9.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	Variable Supply Revenue		\$7,042	\$49,685	\$74,646	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,373
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$56,850)
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	0	0	0	0	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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,398
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$6,217,781	\$10,380,401	\$15,065,602	\$16,609,640	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$88,791,434
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,225,926	\$13,906,212	\$20,188,196	\$22,181,685	\$17,977,980	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$119,406,572

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>Forecast</u> (d)	<u>Forecast</u> (e)	<u>Forecast</u> (f)	<u>Forecast</u> (g)	<u>Forecast</u> (h)	<u>Forecast</u> (i)	<u>Forecast</u> (j)	<u>Forecast</u> (k)	<u>Forecast</u> (l)	<u>Forecast</u> (m)
1	Supply Fixed Costs	Sch. 1, line 4	\$3,643,234	\$3,860,783	\$4,169,536	\$4,155,641	\$4,029,496	\$4,294,433	\$4,295,107	\$4,294,433	\$4,295,107	\$4,295,107	\$4,294,433	\$4,295,107	\$49,922,417
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)	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$1,488,790)</u>
5	Allowable Working Capital Costs	(1) + (4)	\$3,519,169	\$3,736,717	\$4,045,470	\$4,031,575	\$3,905,430	\$4,170,367	\$4,171,041	\$4,170,367	\$4,171,041	\$4,170,367	\$4,171,041	\$4,170,367	\$48,433,627
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	21.51
7	Working Capital Requirement	[(5) * (6)] / 365	\$207,390	\$220,210	\$238,406	\$237,587	\$230,153	\$245,766	\$245,806	\$245,766	\$245,806	\$245,806	\$245,766	\$245,806	\$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%	7.26%
9	Return on Working Capital Requirement	(7) * (8)	\$15,057	\$15,987	\$17,308	\$17,249	\$16,709	\$17,843	\$17,845	\$17,843	\$17,845	\$17,845	\$17,843	\$17,845	\$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%	2.58%
11	Interest Expense	(7) * (10)	\$5,351	\$5,681	\$6,151	\$6,130	\$5,938	\$6,341	\$6,342	\$6,341	\$6,342	\$6,342	\$6,341	\$6,342	\$6,342
12	Taxable Income	(9) - (11)	\$9,706	\$10,306	\$11,157	\$11,119	\$10,771	\$11,502	\$11,504	\$11,502	\$11,504	\$11,504	\$11,502	\$11,504	\$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	0.65
14	Return and Tax Requirement	(12) / (13)	\$14,932	\$15,855	\$17,165	\$17,106	\$16,571	\$17,695	\$17,698	\$17,695	\$17,698	\$17,698	\$17,695	\$17,698	\$17,698
15	Supply Fixed Working Capital Requirement	(11) + (14)	<u>\$20,283</u>	<u>\$21,537</u>	<u>\$23,316</u>	<u>\$23,236</u>	<u>\$22,509</u>	<u>\$24,036</u>	<u>\$24,040</u>	<u>\$24,036</u>	<u>\$24,040</u>	<u>\$24,040</u>	<u>\$24,036</u>	<u>\$24,040</u>	<u>\$279,147</u>
16	Supply Variable Costs	Sch. 1, line 21	\$6,640,193	\$16,506,195	\$16,528,212	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$2,812,699	\$82,400,117
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Total Adjustments	(17) + (18)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
20	Allowable Working Capital Costs	(16) + (19)	\$6,640,193	\$16,506,195	\$16,528,212	\$14,780,868	\$11,125,915	\$5,859,968	\$3,044,759	\$1,777,898	\$1,319,168	\$1,017,428	\$986,814	\$2,812,699	\$82,400,117
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	21.51
22	Working Capital Requirement	[(20) * (21)] / 365	\$391,317	\$972,735	\$974,032	\$871,059	\$655,667	\$345,337	\$179,432	\$104,774	\$77,741	\$59,959	\$58,154	\$165,757	\$165,757
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%	7.26%
24	Return on Working Capital Requirement	(22) * (23)	\$28,410	\$70,621	\$70,715	\$63,239	\$47,601	\$25,071	\$13,027	\$7,607	\$5,644	\$4,353	\$4,222	\$12,034	\$12,034
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%	2.58%
26	Interest Expense	(22) * (25)	\$10,096	\$25,097	\$25,130	\$22,473	\$16,916	\$8,910	\$4,629	\$2,703	\$2,006	\$1,547	\$1,500	\$4,277	\$4,277
27	Taxable Income	(24) - (26)	\$18,314	\$45,524	\$45,585	\$40,766	\$30,685	\$16,162	\$8,397	\$4,903	\$3,638	\$2,806	\$2,722	\$7,757	\$7,757
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	0.65
29	Return and Tax Requirement	(27) / (28)	\$28,175	\$70,037	\$70,130	\$62,716	\$47,208	\$24,864	\$12,919	\$7,544	\$5,597	\$4,317	\$4,187	\$11,934	\$11,934
30	Supply Variable Working Capital Requirement	(26) + (29)	<u>\$38,271</u>	<u>\$95,133</u>	<u>\$95,260</u>	<u>\$85,190</u>	<u>\$64,124</u>	<u>\$33,774</u>	<u>\$17,548</u>	<u>\$10,247</u>	<u>\$7,603</u>	<u>\$5,864</u>	<u>\$5,688</u>	<u>\$16,211</u>	<u>\$474,913</u>

INVENTORY FINANCE

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Forecast (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (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	\$4,172,991	\$2,625,570	\$3,621,498	\$4,638,275	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Subtotal	(1) + (2)	\$10,855,774	\$9,285,611	\$8,394,927	\$4,172,991	\$2,625,570	\$3,621,498	\$4,638,275	\$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	\$302,959	\$190,616	\$262,921	\$336,739	\$415,073	\$484,842	\$566,990	\$663,471	\$747,797	\$6,043,144
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	\$107,663	\$67,740	\$93,435	\$119,667	\$147,505	\$172,299	\$201,492	\$235,779	\$265,746	\$2,147,564
8	Taxable Income	(5) - (7)	\$508,050	\$434,567	\$392,883	\$195,296	\$122,877	\$169,486	\$217,071	\$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	\$300,455	\$189,041	\$260,748	\$333,956	\$411,643	\$480,835	\$562,305	\$657,987	\$741,617	\$5,993,201
11	Working Capital Requirement	(7) + (10)	\$1,061,695	\$908,133	\$821,024	\$408,118	\$256,781	\$354,182	\$453,623	\$559,148	\$653,134	\$763,797	\$893,766	\$1,007,363	\$8,140,765
12	Monthly Average	(11) / 12	\$88,475	\$75,678	\$68,419	\$34,010	\$21,398	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$678,397
13	LNG Inventory Balance		\$3,386,262	\$2,997,625	\$2,697,248	\$917,475	\$844,280	\$1,518,512	\$2,205,170	\$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	\$66,609	\$61,295	\$110,244	\$160,095	\$208,505	\$224,923	\$233,123	\$281,440	\$289,526	\$2,295,050
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	\$23,671	\$21,782	\$39,178	\$56,893	\$74,097	\$79,931	\$82,845	\$100,016	\$102,890	\$815,596
18	Taxable Income	(15) - (17)	\$158,477	\$140,289	\$126,231	\$42,938	\$39,512	\$71,066	\$103,202	\$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	\$66,058	\$60,788	\$109,333	\$158,772	\$206,781	\$223,064	\$231,196	\$279,114	\$287,134	\$2,276,082
21	Working Capital Requirement	(17) + (20)	\$331,176	\$293,168	\$263,791	\$89,729	\$82,571	\$148,510	\$215,666	\$280,878	\$302,996	\$314,041	\$379,130	\$390,023	\$3,091,678
22	Monthly Average	(21) / 12	\$27,598	\$24,431	\$21,983	\$7,477	\$6,881	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$257,640
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$116,073	\$100,108	\$90,401	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$936,037

Actual Dth Usage for Filing

Line No.	Rate Class	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
		Actual (a)	Actual (b)	Actual (c)	Forecast (d)	Forecast (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	Forecast (m)
THROUGHPUT (Dth)														
SALES														
1	Residential Non-Heating	27,860	38,287	50,638	119,288	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	612,808
2	Residential Non-Heating Low Income	708	1,220	1,697	0	0	0	0	0	0	0	0	0	3,625
3	Residential Heating	1,105,743	2,028,011	2,935,054	3,457,311	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	17,933,241
4	Residential Heating Low Income	99,712	178,044	250,781	0	0	0	0	0	0	0	0	0	528,537
5	Small C&I	116,386	260,153	412,737	475,608	375,474	263,850	128,588	29,824	28	25	28	39,202	2,101,902
6	Medium C&I	202,328	353,053	502,001	555,833	453,810	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,136,048
7	Large LLF	38,117	70,274	111,810	126,532	101,449	74,903	42,642	18,952	7,967	6,309	8,101	21,542	628,598
8	Large HLF	17,053	21,083	26,215	23,993	21,134	18,966	16,331	14,397	13,180	13,048	13,191	14,260	212,851
9	Extra Large LLF	3,267	6,464	12,229	11,079	8,887	6,569	3,751	1,682	352	204	364	1,563	56,409
10	Extra Large HLF	10,464	5,556	6,078	11,760	11,109	11,179	11,264	11,327	11,399	11,404	11,398	11,354	124,293
11	Total Sales	1,621,637	2,962,145	4,309,240	4,781,404	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,338,312
TSS														
13	Small	1	820	1,643	0	0	0	0	0	0	0	0	0	2,463
14	Medium	1,651	2,542	5,657	0	0	0	0	0	0	0	0	0	9,850
15	Large LLF	1,104	2,207	5,122	0	0	0	0	0	0	0	0	0	8,433
16	Large HLF	360	986	(7,763)	0	0	0	0	0	0	0	0	0	(6,417)
17	Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Total TSS	3,116	6,555	4,658	0	0	0	0	0	0	0	0	0	14,329
Sales & TSS THROUGHPUT														
21	Residential Non-Heating	27,860	38,287	50,638	119,288	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	612,808
22	Residential Non-Heating Low Income	708	1,220	1,697	0	0	0	0	0	0	0	0	0	3,625
23	Residential Heating	1,105,743	2,028,011	2,935,054	3,457,311	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	17,933,241
24	Residential Heating Low Income	99,712	178,044	250,781	0	0	0	0	0	0	0	0	0	528,537
25	Small C&I	116,387	260,972	414,380	475,608	375,474	263,850	128,588	29,824	28	25	28	39,202	2,104,365
26	Medium C&I	203,978	355,596	507,658	555,833	453,810	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,145,898
27	Large LLF	39,221	72,481	116,932	126,532	101,449	74,903	42,642	18,952	7,967	6,309	8,101	21,542	637,031
28	Large HLF	17,413	22,069	18,451	23,993	21,134	18,966	16,331	14,397	13,180	13,048	13,191	14,260	206,434
29	Extra Large LLF	3,267	6,464	12,229	11,079	8,887	6,569	3,751	1,682	352	204	364	1,563	56,409
30	Extra Large HLF	10,464	5,556	6,078	11,760	11,109	11,179	11,264	11,327	11,399	11,404	11,398	11,354	124,293
31	Total Sales & TSS Throughput	1,624,752	2,968,700	4,313,898	4,781,404	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,352,641
FT-1 TRANSPORTATION														
33	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
34	FT-1 Medium	15,039	57,778	91,539	96,069	84,991	68,439	48,047	33,161	25,574	24,628	25,725	34,041	605,031
35	FT-1 Large LLF	30,674	85,561	138,218	154,729	132,058	99,364	59,631	30,454	16,732	14,706	16,896	33,323	812,346
36	FT-1 Large HLF	3,130	34,229	46,585	49,078	46,191	41,828	36,527	32,634	30,446	30,181	30,467	32,613	413,910
37	FT-1 Extra Large LLF	49,729	116,405	178,743	190,864	164,705	125,185	77,156	41,887	25,453	22,988	25,654	45,642	1,064,411
38	FT-1 Extra Large HLF	26,686	491,114	557,480	555,891	540,132	516,324	487,391	466,144	467,404	465,913	467,525	479,610	5,521,612
39	Default	1,315	5,384	7,861	0	0	0	0	0	0	0	0	0	14,560
40	Total FT-1 Transportation	126,573	790,470	1,020,427	1,046,631	968,076	851,141	708,752	604,279	565,609	558,416	566,267	625,227	8,431,868
FT-2 TRANSPORTATION														
41	FT-2 Small	5,763	12,400	19,816	18,779	16,201	12,307	7,573	4,097	2,464	2,218	2,484	4,476	108,577
42	FT-2 Medium	113,132	196,524	277,630	292,000	254,775	197,657	127,585	75,779	50,797	47,414	51,410	80,659	1,765,462
43	FT-2 Large LLF	90,345	164,245	224,090	203,066	173,940	128,404	73,063	32,586	13,358	10,469	13,659	37,191	1,164,417
44	FT-2 Large HLF	36,219	43,989	56,893	49,956	46,074	40,209	33,082	28,263	25,785	25,411	25,815	29,270	440,966
45	FT-2 Extra Large LLF	1,374	4,987	7,574	11,308	9,701	7,273	4,323	2,157	1,191	1,040	1,203	2,428	54,559
46	FT-2 Extra Large HLF	42,225	46,991	50,604	63,481	60,600	56,246	50,956	47,071	50,129	49,851	50,151	52,406	620,709
47	Total FT-2 Transportation	289,058	469,135	636,607	638,591	561,291	442,097	296,582	190,054	143,722	136,402	144,723	206,430	4,154,690
Total THROUGHPUT														
49	Residential Non-Heating	27,860	38,287	50,638	119,288	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	612,808
50	Residential Non-Heating Low Income	708	1,220	1,697	0	0	0	0	0	0	0	0	0	3,625
51	Residential Heating	1,105,743	2,028,011	2,935,054	3,457,311	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	17,933,241
52	Residential Heating Low Income	99,712	178,044	250,781	0	0	0	0	0	0	0	0	0	528,537
53	Small C&I	122,150	273,372	434,196	494,388	391,675	276,157	136,161	33,921	2,491	2,243	2,511	43,678	2,212,942
54	Medium C&I	332,149	609,897	876,827	943,902	793,576	614,469	395,543	234,724	158,138	147,199	159,385	250,580	5,516,391
55	Large LLF	160,240	322,287	479,241	484,328	407,446	302,671	175,337	81,992	38,056	31,484	38,657	92,056	2,613,794
56	Large HLF	56,763	100,288	121,930	123,028	113,399	101,004	85,940	75,294	69,410	68,640	69,473	76,143	1,061,310
57	Extra Large LLF	54,369	127,856	198,546	213,251	183,292	139,027	85,231	45,726	26,996	24,231	27,220	49,633	1,175,379
58	Extra Large HLF	79,375	543,661	614,162	631,132	611,840	583,749	549,611	524,542	528,931	527,168	529,074	543,369	6,266,614
59	Default	1,315	5,384	7,861	0	0	0	0	0	0	0	0	0	14,560
60	Total Throughput	2,040,383	4,228,306	5,970,932	6,466,626	5,398,665	4,192,466	2,727,108	1,654,359	1,183,267	1,114,668	1,187,152	1,775,267	37,939,199