

December 20, 2016

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 1 month of actual data and eleven months of projected data, the deferred gas cost balance at the end of October 2017 is an over-recovery of approximately \$2.6 million (see attached Schedule 1, page 1). This calculation is based on the November 1, 2016-starting under-collected balance of \$0.4 million² plus the actual gas costs and gas cost revenue for the period of November 1, 2016 through November 30, 2016 and the projected gas costs and gas cost revenue for the period of December 1, 2016 through October 31, 2017. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of December 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, 2016 through November 30, 2016 and revised projected gas costs for December 1, 2016 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 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 Ending balance for October 2016 as filed on November 18, 2016 in Docket No. 4576.

Luly E. Massaro, Commission Clerk
Docket 4647 – GCR Deferred Report
December 20, 2016
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Thank you for your attention to this transmittal. 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

December 20, 2016
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	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
			Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
			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)
1	# of Days in Month														
2	I. Fixed Cost Deferred														
3	Beginning Under/(Over) Recovery		(\$8,917,829)	(\$8,528,360)	(\$9,871,217)	(\$12,078,598)	(\$14,382,960)	(\$16,104,941)	(\$16,459,336)	(\$15,475,992)	(\$13,512,106)	(\$11,107,272)	(\$8,637,942)	(\$6,229,806)	(\$8,917,829)
4	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,643,234	\$3,817,380	\$4,115,760	\$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	\$49,825,238
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)	(\$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)	(\$1,141,667)	(\$13,700,000)
8	Working Capital	Sch. 4, line 15	\$20,283	\$21,286	\$23,006	\$23,236	\$22,509	\$24,036	\$24,040	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$278,587
9	Total Supply Fixed Costs	sum[(4):(8)]	\$2,445,750	\$2,620,899	\$2,920,998	\$2,961,109	\$2,834,238	\$3,100,701	\$3,101,379	\$3,100,701	\$3,101,379	\$3,101,379	\$3,100,701	\$3,101,379	\$35,490,617
10	Supply Fixed - Revenue	Sch. 3, line 13	\$2,008,144	\$3,952,043	\$5,114,406	\$5,250,255	\$4,536,811	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,711,394
11	Monthly Under/(Over) Recovery	(9) - (10)	\$437,605	(\$1,331,144)	(\$2,193,408)	(\$2,289,146)	(\$1,702,573)	(\$334,334)	\$1,003,674	\$1,981,744	\$2,420,506	\$2,481,899	\$2,417,295	\$1,887,104	\$4,779,223
12	Prelim. Ending Under/(Over) Recover	(3) + (11)	(\$8,480,224)	(\$9,859,504)	(\$12,064,625)	(\$14,367,744)	(\$16,085,533)	(\$16,439,275)	(\$15,455,662)	(\$13,494,247)	(\$11,091,600)	(\$8,625,373)	(\$6,220,647)	(\$4,342,702)	(\$4,138,606)
13	Month's Average Balance	[(3) + (12)] / 2	(\$8,699,022)	(\$9,193,932)	(\$10,967,921)	(\$13,223,171)	(\$15,234,246)	(\$16,272,108)	(\$15,957,499)	(\$14,485,119)	(\$12,301,853)	(\$9,866,322)	(\$7,429,294)	(\$5,286,254)	(\$4,138,606)
14	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$10,725)	(\$11,713)	(\$13,973)	(\$15,216)	(\$19,408)	(\$20,062)	(\$20,329)	(\$17,858)	(\$15,672)	(\$12,569)	(\$9,159)	(\$6,735)	(\$173,419)
16	Marketer Reconciliator	Dkt 4647	(\$37,411)											(\$37,411)	
17	Fixed Ending Under/(Over) Recovery	(12) + (15) + (16)	(\$8,528,360)	(\$9,871,217)	(\$12,078,598)	(\$14,382,960)	(\$16,104,941)	(\$16,459,336)	(\$15,475,992)	(\$13,512,106)	(\$11,107,272)	(\$8,637,942)	(\$6,229,806)	(\$4,349,437)	(\$4,349,437)
18	II. Variable Cost Deferred														
19	Beginning Under/(Over) Recovery		\$9,293,216	\$9,929,538	\$11,425,534	\$14,267,906	\$14,143,386	\$12,184,005	\$7,682,928	\$4,600,760	\$3,397,718	\$3,116,324	\$2,825,779	\$2,328,863	\$9,293,216
20															
21	Variable Supply Costs	Sch. 2, line 76	\$6,640,193	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$2,491,765	\$79,612,609
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 - LNC	Sch. 5, line 22	\$27,598	\$26,236	\$12,160	\$7,477	\$6,881	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$249,622
25	Inventory Financing - UC	Sch. 5, line 12	\$88,475	\$62,889	\$47,816	\$34,010	\$21,398	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$645,006
26	Working Capital	Sch. 4, line 30	\$38,271	\$74,493	\$102,729	\$88,212	\$65,265	\$31,337	\$15,974	\$9,523	\$7,068	\$5,883	\$5,732	\$14,361	\$458,847
27	Total Supply Variable Costs	sum[(21):(26)]	\$6,842,261	\$13,136,231	\$18,034,558	\$15,482,707	\$11,465,028	\$5,558,024	\$2,891,111	\$1,779,590	\$1,360,818	\$1,164,149	\$1,154,002	\$2,670,300	\$81,538,779
28	Supply Variable - Revenue	Sch. 3, line 30	\$6,217,781	\$11,653,830	\$15,208,542	\$15,623,564	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,654,094	\$3,277,914	\$89,221,726	\$89,221,726
29	Monthly Under/(Over) Recovery	(27) - (28)	\$624,480	\$1,482,401	\$2,826,016	(\$140,857)	(\$1,976,141)	(\$4,513,316)	(\$3,089,988)	(\$1,207,969)	(\$285,540)	(\$294,327)	(\$500,092)	(\$607,614)	(\$7,682,948)
30	Prelim. Ending Under/(Over) Recover	(21) + (31)	\$9,917,696	\$11,411,940	\$14,251,550	\$14,127,049	\$12,167,245	\$7,670,689	\$4,592,940	\$3,392,790	\$3,112,178	\$2,821,997	\$2,325,687	\$1,721,249	\$1,610,269
31	Month's Average Balance	[(19) + (30)] / 2	\$9,605,456	\$10,670,739	\$12,838,542	\$14,197,478	\$13,155,316	\$9,927,347	\$6,137,934	\$3,996,775	\$3,254,948	\$2,969,161	\$2,575,733	\$2,025,056	\$1,610,269
32	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
33	Interest Applied	[(31) * (32)] / 365 * (1)	\$11,842	\$13,594	\$16,356	\$16,337	\$16,760	\$12,239	\$7,820	\$4,928	\$4,147	\$3,783	\$3,176	\$2,580	\$113,560
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	\$11,425,534	\$14,267,906	\$14,143,386	\$12,184,005	\$7,682,928	\$4,600,760	\$3,397,718	\$3,116,324	\$2,825,779	\$2,328,863	\$1,723,829	\$1,723,829
36	GCR Deferred Summary														
37	Beginning Under/(Over) Recovery	(3) + (19)	\$375,387	\$1,401,178	\$1,554,317	\$2,189,308	(\$239,573)	(\$3,920,936)	(\$8,776,408)	(\$10,875,232)	(\$10,114,388)	(\$7,990,948)	(\$5,812,163)	(\$3,900,943)	\$375,387
38	Gas Costs	sum[(4):(6),(16),(20):(23)]	\$10,217,640	\$16,713,894	\$21,911,512	\$19,432,548	\$15,324,880	\$9,703,129	\$7,038,369	\$5,918,397	\$5,493,078	\$5,287,452	\$5,260,528	\$6,758,496	\$129,059,922
39	Inventory Finance	(24) + (25)	\$116,073	\$89,125	\$59,976	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$894,628
40	Working Capital	(8) + (26)	\$58,553	\$95,779	\$125,736	\$111,448	\$87,773	\$55,372	\$40,014	\$33,559	\$31,108	\$29,923	\$29,768	\$38,401	\$737,435
41	NGPMP Credits	(7)	(\$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)	(\$1,141,667)	(\$1,141,667)	(\$13,700,000)
42	Total Costs	sum[(38):(41)]	\$9,250,599	\$15,757,131	\$20,955,557	\$18,443,817	\$14,299,266	\$8,658,726	\$5,992,491	\$4,880,291	\$4,462,197	\$4,265,528	\$4,254,704	\$5,771,679	\$116,991,984
43	Revenue	(10) + (28)	\$8,225,926	\$15,605,873	\$20,322,948	\$20,873,819	\$17,977,980	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$119,933,120
44	Monthly Under/(Over) Recovery	(42) - (43)	\$1,024,674	\$151,257	\$632,608	(\$2,430,003)	(\$3,678,714)	(\$4,847,650)	(\$2,086,314)	\$773,775	\$2,134,966	\$2,187,572	\$1,917,203	\$1,279,490	(\$2,941,136)
45	Prelim. Ending Under/(Over) Recover	(37) + (44)	\$1,400,061	\$1,552,435	\$2,186,925	(\$240,695)	(\$3,918,288)	(\$8,768,586)	(\$10,862,722)	(\$10,101,457)	(\$7,979,422)	(\$5,803,376)	(\$3,894,960)	(\$2,621,454)	(\$2,941,136)
46	Month's Average Balance	[(37) + (45)] / 2	\$887,724	\$1,476,807	\$1,870,621	\$974,307	(\$2,078,931)	(\$6,344,761)	(\$9,819,565)	(\$10,488,345)	(\$9,046,905)	(\$6,897,162)	(\$4,853,561)	(\$3,261,198)	(\$2,941,136)
47	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
48	Interest Applied	(15) + (33)	\$1,118	\$1,881	\$2,383	\$1,121	(\$2,649)	(\$7,822)	(\$12,510)	(\$12,931)	(\$11,526)	(\$8,787)	(\$5,984)	(\$4,155)	(\$59,859)
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	\$1,554,317	\$2,189,308	(\$239,573)	(\$3,920,936)	(\$8,776,408)	(\$10,875,232)	(\$10,114,388)	(\$7,990,948)	(\$5,812,163)	(\$3,900,943)	(\$2,625,608)	(\$2,625,608)

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)	Forecast (b)	Forecast (c)	Forecast (d)	Forecast (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	(m)
Projected Gas Costs using 12/5/2016 NYMEX settled															
1	SUPPLY FIXED COSTS - Pipeline Delivery														
2	Algonquin (includes East to West, Hubline, AMA credits)		\$866,814	\$1,111,806	\$1,411,523	\$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	\$16,470,984
3	TETCO/Texas Eastern		\$724,537	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$8,713,019
4	Tennessee		\$1,093,209	\$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	\$1,093,117	\$1,093,117	\$13,117,496
5	NETNE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Iroquois		\$6,267	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$79,706
7	Union		\$0	\$2,440	\$2,440	\$2,204	\$2,440	\$2,362	\$2,440	\$2,362	\$2,440	\$2,440	\$2,362	\$2,440	\$26,371
8	Transcanada		\$0	\$13,435	\$13,435	\$12,135	\$13,435	\$13,002	\$13,435	\$13,002	\$13,435	\$13,435	\$13,002	\$13,435	\$145,185
9	Dominion		\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$26,819
10	Trancco		\$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	National Fuel		\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$54,886
12	Columbia		\$293,747	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$3,524,958
13	Alberta Northeast		\$58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58
14	Less Credits from Mkter Releases		(\$643,994)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$8,403,944)
			\$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	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$1,134,950
20	Dominion		\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$995,392
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 Pipelime and Peaking Supplies		\$626,839	\$589,799	\$588,460	\$588,460	\$460,294	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$7,935,182
30	TOTAL FIXED COSTS	sum{(2):(29)}	\$3,643,234	\$3,817,380	\$4,115,760	\$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	\$49,825,238

Supply Estimates Actuals for Filing

Line No.	Description	Reference	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
			Actual (a)	Forecast (b)	Forecast (c)	Forecast (d)	Forecast (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	(m)
Projected Gas Costs using 12/5/2016 NYMEX settled															
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)			\$2,295,523	\$3,276,913	\$3,486,978	\$2,348,069	\$1,810,613	\$824,056	\$1,129,294	\$944,521	\$998,994	\$1,075,454	\$1,269,985	\$19,460,401
33	TETCO (Includes B&W)			\$181,810	\$221,855	\$200,221	\$209,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$813,021
34	M3 Delivered			\$210,272	\$907,095	\$844,042	\$307,045	\$1,650,480	\$1,669,232	\$66,859	\$0	\$0	\$43,588	\$375,841	\$6,074,454
35	Maumee			\$2,910,690	\$3,234,509	\$2,893,395	\$2,799,021	\$85,429	\$0	\$0	\$0	\$0	\$0	\$0	\$11,923,043
36	Broadrun Col			\$950,714	\$1,113,953	\$903,596	\$906,396	\$67,477	\$0	\$0	\$0	\$0	\$0	\$0	\$3,942,136
37	Columbia Eagle and Downingtown			\$226,768	\$802,475	\$643,453	\$171,895	\$158,968	\$102,728	\$99,908	\$49,659	\$96,203	\$57,443	\$31,874	\$2,441,374
38	TETCO M2			\$2,115,186	\$2,618,828	\$2,365,713	\$2,461,324	\$2,064,484	\$675,112	\$765,723	\$1,229,780	\$1,133,384	\$697,328	\$1,638,768	\$17,765,631
39	Dominion to TETCO FTS			\$46,803	\$57,268	\$51,602	\$53,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$209,533
40	Transco Leidy			\$99,502	\$119,194	\$108,290	\$115,804	\$30,449	\$5,537	\$5,157	\$5,189	\$4,994	\$4,439	\$64,225	\$562,780
41	DistriGas FCS			\$803,451	\$2,205,839	\$2,000,012	\$508,300	\$1,051,918	\$972,801	\$865,023	\$0	\$0	\$509,834	\$496,692	\$9,413,870
42	Hubline			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	Total Pipeline Commodity Charges*	sum[(32):(42)]	\$3,584,595	\$9,840,719	\$14,557,929	\$13,497,303	\$9,880,849	\$6,919,817	\$4,249,466	\$2,931,964	\$2,229,150	\$2,233,575	\$2,388,086	\$3,877,385	\$76,190,836
44	Hedging Settlements and Amortization		\$1,401,803	\$538,837	(\$1,105,158)	(\$1,188,479)	(\$847,232)	(\$432,345)	(\$444,135)	(\$226,491)	(\$115,981)	(\$178,936)	(\$191,296)	(\$360,178)	(\$3,149,591)
45	Hedging Contracts - Commission & Other Fees		\$161,244	\$665,812	\$722,796	\$662,075	\$604,773	\$7,905	\$0	\$0	\$0	\$0	\$0	\$0	\$2,824,604
46	Hedging Contracts - Net Carry of Collateral		\$5,873	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,873
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	(\$1,139,109)	(\$1,111,152)	(\$1,130,870)	(\$968,661)	(\$1,117,063)	(\$1,283,993)	(\$1,110,212)	(\$7,861,061)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,153,515	\$11,045,367	\$14,175,566	\$12,970,898	\$9,638,389	\$5,356,267	\$2,694,180	\$1,574,603	\$1,144,508	\$937,576	\$912,797	\$2,406,995	\$68,010,661
50	Underground Storage		\$771,467	\$1,657,630	\$1,800,112	\$1,653,902	\$1,511,655	\$11,954	\$0	\$0	\$0	\$0	\$0	\$0	\$7,406,720
51	LNG Withdrawals and Trucking		\$75,749	\$106,440	\$1,727,115	\$574,503	\$73,195	\$67,566	\$77,458	\$77,737	\$81,840	\$83,145	\$81,675	\$84,770	\$3,111,193
52	Storage Delivery Costs		\$0	\$115,453	\$121,336	\$105,980	\$100,521	\$1,284	\$0	\$0	\$0	\$0	\$0	\$0	\$444,573
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$847,215	\$1,879,522	\$3,648,562	\$2,334,385	\$1,685,371	\$80,805	\$77,458	\$77,737	\$81,840	\$83,145	\$81,675	\$84,770	\$10,962,486
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,000,730	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$2,491,765	\$78,973,147
55	TOTAL SUPPLY COSTS	(30) + (54)	\$9,643,964	\$16,742,270	\$21,939,888	\$19,460,924	\$15,353,256	\$9,731,505	\$7,066,745	\$5,946,773	\$5,521,455	\$5,315,828	\$5,288,904	\$6,786,872	\$128,798,385

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>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>	<u>Forecast</u>	<u>Forecast</u>	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	Projected Gas Costs using 12/5/2016 NYMEX settled													
Line No.	Description	Reference												
56	Storage Costs for FT-2 Calculation													
57	Storage Fixed Costs - Facilities	\$390,438	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$4,791,592
58	Storage Fixed Costs - Deliveries	\$1,246,357	\$812,483	\$812,483	\$812,483	\$684,316	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$11,017,608
59	sub-total Storage Costs	sum[(56):(57)]	\$1,636,795	\$1,212,588	\$1,212,588	\$1,212,588	\$1,084,421	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$15,809,200
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	\$89,125	\$59,976	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$894,628
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	\$21,286	\$23,006	\$23,236	\$22,509	\$24,036	\$24,036	\$24,036	\$24,036	\$24,036	\$24,036	\$24,036	\$278,587
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,697,050	\$1,246,898	\$1,219,469	\$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
65	System Storage MDQ (Dth)	183,069	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	1,825,644
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.2700	\$8.3502	\$8.1665	\$8.0443	\$7.0926	\$8.9728	\$9.0658	\$9.1610	\$9.2258	\$9.2938	\$9.4026	\$8.8019
67	Pipeline Variable	(54)	\$6,000,730	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$2,491,765
68	Less Non-firm Gas Costs		(\$65,801)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$65,801)
69	Less Company Use		\$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
71	Plus Cashout		\$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
73	Mkter Over-takes/Undertakes		\$197,046	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$197,046
74	Plus Pipeline Srchg/Credit		\$504,150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$504,150
75	Less Mkter FT-2 Daily weather true-up		\$4,068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,068
76	TOTAL FIRM COMMODITY COSTS*	sum[(67):(75)]	\$6,640,193	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$79,612,609

GCR Revenue

Line No.	Description	Reference	Nov Actual (a)	Dec Forecast (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 (m)
1	I. Fixed Cost Revenue --														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,568,307	3,234,222	4,234,337	4,351,706	3,738,466	2,790,929	1,640,767	799,031	423,728	371,050	425,917	882,322	24,460,782
3	Fixed Cost Factor	(4) / (2)	\$1.1469	\$1.1412	\$1.1412	\$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	\$3,690,894	\$4,832,226	\$4,966,167	\$4,266,337	\$3,185,008	\$1,872,443	\$911,854	\$483,558	\$423,442	\$486,057	\$1,006,906	\$27,923,661
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	56,445	120,556	143,733	145,837	130,833	108,300	81,007	60,995	50,208	48,800	50,245	61,288	1,058,248
6	Fixed Cost Factor	(7) / (5)	\$0.8998	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	\$0.9074	
7	High Load Revenue		\$50,787	\$109,393	\$130,424	\$132,332	\$118,718	\$98,271	\$73,506	\$55,347	\$45,559	\$44,282	\$45,593	\$55,613	\$959,825
8	sub-total throughput Dth	(2) + (5)	1,624,752	3,354,779	4,378,071	4,497,543	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,519,031
9	FT-2 Storage Revenue from marketers		\$157,426	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$1,826,745
10	Manchester Steet Volumes (dth)	Monthly Meter Use	986												
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,163
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$2,008,144	\$3,952,043	\$5,114,406	\$5,250,255	\$4,536,811	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,711,394
14	II. Variable Cost Revenue --														
15	(a) Firm Sales dth	(8)	1,624,752	3,354,779	4,378,071	4,497,543	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,519,031
16	Variable Supply Cost Factor	(17) / (15)	\$3.8616	\$3.4738	\$3.4738	\$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	\$11,653,830	\$15,208,542	\$15,623,564	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$89,278,018
18	(b) TSS Sales dth	Sch. 6, line 20	3,116												3,116
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	0	0	0	0	0	0	0	-	-	-	-	1,315
22	Variable Supply Cost Factor	(23) / (21)	\$5.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	Variable Supply Revenue		\$7,042	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,042
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		(\$66,873)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$66,873)
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	986												
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,539
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$6,217,781	\$11,653,830	\$15,208,542	\$15,623,564	\$13,441,169	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$89,221,726
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,225,926	\$15,605,873	\$20,322,948	\$20,873,819	\$17,977,980	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$119,933,120

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>Forecast</u> (b)	<u>Forecast</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	\$3,817,380	\$4,115,760	\$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	\$49,825,238
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	\$3,693,314	\$3,991,694	\$4,031,575	\$3,905,430	\$4,170,367	\$4,171,041	\$4,170,367	\$4,171,041	\$4,171,041	\$4,170,367	\$4,171,041	\$48,336,448
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	\$217,653	\$235,237	\$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	\$15,802	\$17,078	\$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	\$5,615	\$6,069	\$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	\$10,186	\$11,009	\$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	\$15,671	\$16,937	\$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>\$21,286</u>	<u>\$23,006</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>\$278,587</u>
16	Supply Variable Costs	Sch. 1, line 21	\$6,640,193	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$2,491,765	\$79,612,609
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	\$12,924,890	\$17,824,129	\$15,305,283	\$11,323,760	\$5,437,072	\$2,771,638	\$1,652,340	\$1,226,348	\$1,020,721	\$994,471	\$2,491,765	\$79,612,609
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	\$761,683	\$1,050,403	\$901,963	\$667,326	\$320,415	\$163,337	\$97,375	\$72,271	\$60,153	\$58,606	\$146,843	\$146,843
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	\$55,298	\$76,259	\$65,483	\$48,448	\$23,262	\$11,858	\$7,069	\$5,247	\$4,367	\$4,255	\$10,661	\$10,661
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	\$19,651	\$27,100	\$23,271	\$17,217	\$8,267	\$4,214	\$2,512	\$1,865	\$1,552	\$1,512	\$3,789	\$3,789
27	Taxable Income	(24) - (26)	\$18,314	\$35,647	\$49,159	\$42,212	\$31,231	\$14,995	\$7,644	\$4,557	\$3,382	\$2,815	\$2,743	\$6,872	\$6,872
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	\$54,841	\$75,629	\$64,941	\$48,047	\$23,070	\$11,760	\$7,011	\$5,203	\$4,331	\$4,220	\$10,573	\$10,573
30	Supply Variable Working Capital Requirement	(26) + (29)	<u>\$38,271</u>	<u>\$74,493</u>	<u>\$102,729</u>	<u>\$88,212</u>	<u>\$65,265</u>	<u>\$31,337</u>	<u>\$15,974</u>	<u>\$9,523</u>	<u>\$7,068</u>	<u>\$5,883</u>	<u>\$5,732</u>	<u>\$14,361</u>	<u>\$458,847</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>
			Actual (a)	Forecast (b)	Forecast (c)	Forecast (d)	Forecast (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	(m)
1	Storage Inventory Balance		\$7,822,815	\$7,716,432	\$5,867,029	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Subtotal	(1) + (2)	\$10,855,774	\$7,716,432	\$5,867,029	\$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	\$560,213	\$425,946	\$302,959	\$190,616	\$262,921	\$336,739	\$415,073	\$484,842	\$566,990	\$663,471	\$747,797	\$5,745,697
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	\$199,084	\$151,369	\$107,663	\$67,740	\$93,435	\$119,667	\$147,505	\$172,299	\$201,492	\$235,779	\$265,746	\$2,041,859
8	Taxable Income	(5) - (7)	\$508,050	\$361,129	\$274,577	\$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	\$555,583	\$422,426	\$300,455	\$189,041	\$260,748	\$333,956	\$411,643	\$480,835	\$562,305	\$657,987	\$741,617	\$5,698,212
11	Working Capital Requirement	(7) + (10)	\$1,061,695	\$754,667	\$573,795	\$408,118	\$256,781	\$354,182	\$453,623	\$559,148	\$653,134	\$763,797	\$893,766	\$1,007,363	\$7,740,071
12	Monthly Average	(11) / 12	\$88,475	\$62,889	\$47,816	\$34,010	\$21,398	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$645,006
13	LNG Inventory Balance		\$3,386,262	\$3,219,092	\$1,491,978	\$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	\$233,706	\$108,318	\$66,609	\$61,295	\$110,244	\$160,095	\$208,505	\$224,923	\$233,123	\$281,440	\$289,526	\$2,223,626
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	\$83,053	\$38,493	\$23,671	\$21,782	\$39,178	\$56,893	\$74,097	\$79,931	\$82,845	\$100,016	\$102,890	\$790,214
18	Taxable Income	(15) - (17)	\$158,477	\$150,654	\$69,825	\$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	\$231,775	\$107,422	\$66,058	\$60,788	\$109,333	\$158,772	\$206,781	\$223,064	\$231,196	\$279,114	\$287,134	\$2,205,249
21	Working Capital Requirement	(17) + (20)	\$331,176	\$314,827	\$145,915	\$89,729	\$82,571	\$148,510	\$215,666	\$280,878	\$302,996	\$314,041	\$379,130	\$390,023	\$2,995,463
22	Monthly Average	(21) / 12	\$27,598	\$26,236	\$12,160	\$7,477	\$6,881	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$249,622
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$116,073	\$89,125	\$59,976	\$41,487	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$894,628

Actual Dth Usage for Filing

	Nov Actual (a)	Dec Forecast (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 (m)	
<u>THROUGHPUT (Dth)</u>														
Line No.	Rate Class													
SALES														
1	Residential Non-Heating	27,860	89,290	110,313	112,206	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	716,405
3	Residential Non-Heating Low Income	708	0	0	0	0	0	0	0	0	0	0	0	708
4	Residential Heating	1,105,743	2,422,361	3,163,979	3,252,058	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	18,351,263
5	Residential Heating Low Income	99,712	0	0	0	0	0	0	0	0	0	0	0	99,712
6	Small C&I	116,386	315,799	433,065	447,372	375,474	263,850	128,588	29,824	28	25	28	39,202	2,149,640
7	Medium C&I	202,328	399,478	510,752	522,834	453,810	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,158,226
8	Large LLF	38,117	88,802	116,353	119,020	101,449	74,903	42,642	18,952	7,967	6,309	8,101	21,542	644,157
9	Large HLF	17,053	20,113	22,351	22,569	21,134	18,966	16,331	14,397	13,180	13,048	13,191	14,260	206,593
10	Extra Large LLF	3,267	7,782	10,188	10,421	8,887	6,569	3,751	1,682	352	204	364	1,563	55,030
11	Extra Large HLF	10,464	11,153	11,069	11,062	11,109	11,179	11,264	11,327	11,399	11,404	11,398	11,354	134,182
12	Total Sales	1,621,637	3,354,779	4,378,071	4,497,543	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,515,915
TSS														
14	Small	1	0	0	0	0	0	0	0	0	0	0	0	1
15	Medium	1,651	0	0	0	0	0	0	0	0	0	0	0	1,651
16	Large LLF	1,104	0	0	0	0	0	0	0	0	0	0	0	1,104
17	Large HLF	360	0	0	0	0	0	0	0	0	0	0	0	360
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	0	0	0	0	0	0	0	0	0	0	0	3,116
Sales & TSS THROUGHPUT														
22	Residential Non-Heating	27,860	89,290	110,313	112,206	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	716,405
23	Residential Non-Heating Low Income	708	0	0	0	0	0	0	0	0	0	0	0	708
24	Residential Heating	1,105,743	2,422,361	3,163,979	3,252,058	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	18,351,263
25	Residential Heating Low Income	99,712	0	0	0	0	0	0	0	0	0	0	0	99,712
26	Small C&I	116,387	315,799	433,065	447,372	375,474	263,850	128,588	29,824	28	25	28	39,202	2,149,641
27	Medium C&I	203,978	399,478	510,752	522,834	453,810	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,159,876
28	Large LLF	39,221	88,802	116,353	119,020	101,449	74,903	42,642	18,952	7,967	6,309	8,101	21,542	645,261
29	Large HLF	17,413	20,113	22,351	22,569	21,134	18,966	16,331	14,397	13,180	13,048	13,191	14,260	206,954
30	Extra Large LLF	3,267	7,782	10,188	10,421	8,887	6,569	3,751	1,682	352	204	364	1,563	55,030
31	Extra Large HLF	10,464	11,153	11,069	11,062	11,109	11,179	11,264	11,327	11,399	11,404	11,398	11,354	134,182
32	Total Sales & TSS Throughput	1,624,752	3,354,779	4,378,071	4,497,543	3,869,298	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,519,031
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	77,658	94,640	96,069	84,991	68,439	48,047	33,161	25,574	24,628	25,725	34,041	628,011
35	FT-1 Large LLF	30,674	117,274	151,423	154,729	132,058	99,364	59,631	30,454	16,732	14,706	16,896	33,323	857,264
36	FT-1 Large HLF	3,130	44,141	48,640	49,078	46,191	41,828	36,527	32,634	30,181	30,467	32,613	425,876	425,876
37	FT-1 Extra Large LLF	49,729	145,891	186,894	190,864	164,705	125,185	77,156	41,887	25,453	22,988	25,654	45,642	1,102,047
38	FT-1 Extra Large HLF	26,686	529,091	553,499	555,891	540,132	516,324	487,391	466,144	467,404	465,913	467,525	479,610	5,555,608
39	Default	1,315	0	0	0	0	0	0	0	0	0	0	0	1,315
40	Total FT-1 Transportation	126,573	914,055	1,035,096	1,046,631	968,076	851,141	708,752	604,279	565,609	558,416	566,267	625,227	8,570,121
FT-2 TRANSPORTATION														
41	FT-2 Small	5,763	14,333	18,388	18,779	16,201	12,307	7,573	4,097	2,464	2,218	2,484	4,476	109,083
43	FT-2 Medium	113,132	224,815	285,181	292,000	254,775	197,657	127,585	75,879	50,797	47,414	51,410	80,659	1,801,305
44	FT-2 Large LLF	90,345	150,731	198,514	203,066	173,940	128,404	73,063	32,586	13,358	10,469	13,659	37,191	1,125,328
45	FT-2 Large HLF	36,219	42,657	48,630	49,956	46,074	40,209	33,082	28,263	25,785	25,411	25,815	29,270	431,371
46	FT-2 Extra Large LLF	1,374	8,545	11,064	11,308	9,701	7,273	4,323	2,157	1,191	1,040	1,203	2,428	61,606
47	FT-2 Extra Large HLF	42,225	58,512	63,044	63,481	60,600	56,246	50,956	47,071	50,129	49,851	50,151	52,406	644,670
48	Total FT-2 Transportation	289,058	499,593	624,822	638,591	561,291	442,097	296,582	190,054	143,722	136,402	144,723	206,430	4,173,363
Total THROUGHPUT														
50	Residential Non-Heating	27,860	89,290	110,313	112,206	98,591	78,155	53,411	35,271	25,629	24,348	25,656	35,674	716,405
51	Residential Non-Heating Low Income	708	0	0	0	0	0	0	0	0	0	0	0	708
52	Residential Heating	1,105,743	2,422,361	3,163,979	3,252,058	2,798,847	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	18,351,263
53	Residential Heating Low Income	99,712	0	0	0	0	0	0	0	0	0	0	0	99,712
54	Small C&I	122,150	330,132	451,453	466,152	391,675	276,157	136,161	33,921	2,491	2,243	2,511	43,678	2,258,723
55	Medium C&I	332,149	701,951	890,573	910,903	793,576	614,469	395,543	234,724	158,138	147,199	159,385	250,580	5,589,193
56	Large LLF	160,240	356,808	466,290	476,816	407,446	302,671	175,337	81,992	38,056	31,484	38,657	92,056	2,627,853
57	Large HLF	56,763	106,911	119,621	121,603	113,399	101,004	85,940	75,294	69,410	68,640	69,473	76,143	1,064,200
58	Extra Large LLF	54,369	162,218	208,146	212,593	183,292	139,027	85,231	45,726	26,996	24,231	27,220	49,633	1,218,683
59	Extra Large HLF	79,375	598,755	627,612	630,434	611,840	583,749	549,611	524,542	528,931	527,168	529,074	543,369	6,334,461
60	Default	1,315	0	0	0	0	0	0	0	0	0	0	0	1,315
61	Total Throughput	2,040,383	4,768,426	6,037,988	6,182,765	5,398,665	4,192,466	2,727,108	1,654,359	1,183,267	1,114,668	1,187,152	1,775,267	38,262,515