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Also admitted in Massachusetts

October 20, 2022

#### VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket No. 5180 - Gas Cost Recovery ("GCR") Filing

**Monthly Report of GCR Deferred Balances** 

Dear Ms. Massaro:

On behalf of Rhode Island Energy, 1 enclosed please find the Company's monthly report of gas costs and gas cost revenue data.

The enclosed deferred balance report covers the 12-month period from November 2021 through October 2022. Based on eleven months of actual data and one month of projected data, the projected deferred gas cost balance at the end of October 2022 is an under-recovery of approximately \$22.5 million (*see* attached Schedule 1, page 1). This calculation is based on the November 1, 2021 starting under-recovery balance of \$18.4 million<sup>2</sup> plus actual gas costs and gas cost revenue for November 2021 through September 2022, and projected gas costs and gas cost revenue for October 2022.

Details of this deferred balance report are provided in 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 2021 through September 2022, and projected gas costs for October 2022. Schedule 3 summarizes actual and estimated gas cost revenue for the period November 1, 2021 through October 31, 2022. Schedule 4 shows the calculation of working capital. Schedule 5 presents the calculation of inventory finance charges. Schedule 6 presents rate class specific throughput.

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a Rhode Island Energy ("Rhode Island Energy" or the "Company").

<sup>&</sup>lt;sup>2</sup> This amount represents the ending balance at October 31, 2021 filed on November 19, 2021 in Docket No. 5066.

# Robinson+Cole

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The projected deferred under-recovery balance at the end of October 2022 of \$22.5 million is an increase of approximately \$2.9 million compared to the projected deferred under-recovery balance of \$19.6 million from last month's deferred balance report. The \$2.9 million increase in the projected deferred balance is due to an increase of \$3.0 million in actual gas cost for September 2022, a decrease of \$0.8 million in forecasted gas costs for October 2022, and a decrease of \$0.7 million in GCR revenue for September 2022.

The projected deferred under-recovery balance at the end of October 2022 of \$22.5 million represents 14.4 percent of the Company's projected 2021-22 annual GCR revenue, which exceeds the 5 percent criteria established for evaluating whether the Company's GCR factor should be revised (*see* the Company's tariff, R.I.P.U.C. NG-GAS No. 101, Section 2, Schedule A, Part 1.2). However, the Company is not proposing to revise its GCR factors pursuant to this criterion because it is presently in the process of seeking the Commission's approval of its proposed GCR factors effective November 1, 2022 in Docket No. 22-20-NG.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3337.

Very truly yours,

Leticia C. Pimentel

Leticia Pimentel

**Enclosures** 

cc: Docket No. 5180 Service List Leo Wold, Esq. Al Mancini

John Bell

## Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate were 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.

Heidi J. Seddon

October 20, 2022 Date

# Docket No. 5180 – Rhode Island Energy – 2021 Annual Gas Cost Recovery Filing (GCR) - Service List as of 6/17/22

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#### **Deferred Gas Cost Balances**

	<u>Description</u>	Reference													
			Nov	Dec	<u>Jan</u>	Feb	Mar	Apr	May	<u>Jun</u>	Jul	Aug	Sep	Oct	Nov-Oct
(1)	# of Days in Month		Actual 30	Actual 31	Actual 31	Actual 28	Actual 31	Actual 30	Actual 31	Actual 30	Actual 31	Actual 31	Actual 30	Forecast 31	365
(1)	# 61 Days in Month		(a)	(b)	(c)	28 (d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
			(4)	(6)	(0)	(u)	(c)	(1)	(6)	(11)	(1)	0)	(K)	(1)	(111)
(2) <u>I</u>	. Fixed Cost Deferred														
(3)	Beginning Under/(Over) Recovery		\$3,599,748	\$5,597,557	\$5,373,221	\$831,550	(\$4,932,771)	(\$10,664,992)	(\$14,257,795)	(\$13,541,047)	(\$9,895,433)	(\$6,722,434)	(\$3,205,787)	(\$146,856)	\$3,599,748
(4)	Supply Fixed Costs (net of cap rel)	Sch. 2, line (34)	\$6,294,660	\$11,100,764	\$10,874,060	\$10,878,670	\$11,856,836	\$4,649,747	\$5,982,264	\$5,838,094	\$5,670,233	\$5,746,706	\$5,389,655	\$6,243,778	\$90,525,467
(5) (6)	Supply Related System Pressure to DAC Supply Related LNG O & M	Dkt 4770	(\$20,156) \$69,152	(\$2,300,929) \$69,152	(\$2,102,104) \$69,152	(\$2,083,120) \$69,152	(\$2,034,875) (\$160,615)	\$68,844 \$69,152	\$21,107 \$69,152	(\$20,156) \$69,152	(\$20,156) \$69,152	(\$20,156) \$69,152	(\$20,156) \$69,152	(\$20,484) \$69,152	(\$8,552,342) \$600,056
(7)	NGPMP Credits	DKI 47/0	(\$669,932)	(\$669,932)	(\$2,259,353)	(\$669,932)	(\$4,654,267)	(\$669,932)	(\$669,932)	(\$30,969)	(\$669,932)	(\$669,932)	(\$669,932)	(\$669,932)	(\$12,973,973)
(8)	Working Capital	Sch. 4, line (15)	\$46,220	\$64,822	\$64,617	\$64,790	\$72,351	\$34,758	\$44,222	\$42,857	\$41,620	\$42,183	\$39,553	\$45,842	\$603,836
(9)	Total Supply Fixed Costs	Sum[(4):(8)]	\$5,719,943	\$8,263,876	\$6,646,372	\$8,259,561	\$5,079,431	\$4,152,569	\$5,446,813	\$5,898,977	\$5,090,917	\$5,167,954	\$4,808,273	\$5,668,357	\$70,203,043
(10)	Supply Fixed - Revenue	Sch. 3, line (10)	\$3,726,857	\$8,494,033	\$11,191,334	\$14,021,917	\$10,802,576	\$7,730,017	\$4,707,235	\$2,230,511	\$1,897,853	\$1,636,573	\$1,744,217	\$2,700,653	\$70,883,777
(11)	Monthly Under/(Over) Recovery	(9) - (10)	\$1,993,086	(\$230,157)	(\$4,544,962)	(\$5,762,356)	(\$5,723,146)	(\$3,577,448)	\$739,578	\$3,668,466	\$3,193,064	\$3,531,381	\$3,064,056	\$2,967,704	(\$680,734)
(12)	Prelim. Ending Under/(Over) Recovery	(3) + (11)	\$5,592,835	\$5,367,400	\$828,258	(\$4,930,806)	(\$10,655,917)	(\$14,242,441)	(\$13,518,217)	(\$9,872,580)	(\$6,702,368)	(\$3,191,053)	(\$141,731)	\$2,820,848	\$2,919,014
(13)	Month's Average Balance	$[(3) + (12)] \div 2$	\$4,596,292	\$5,482,478	\$3,100,739	(\$2,049,628)	(\$7,794,344)	(\$12,453,717)	(\$13,888,006)	(\$11,706,813)	(\$8,298,901)	(\$4,956,743)	(\$1,673,759)	\$1,336,996	
(14)	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.25%	1.25%	1.25%	1.37%	1.50%	1.94%	2.38%	2.85%	3.50%	3.73%	4.25%	
(15)	Interest Applied	[(13) x (14)] ÷ 365 x (1)	\$4,722	\$5,820 \$0	\$3,292	(\$1,965)	(\$9,076)	(\$15,354) \$0	(\$22,830)	(\$22,852) \$0	(\$20,065) \$0	(\$14,734)	(\$5,124)	\$4,826 \$0	(\$93,340)
(16) (17)	Marketer Reconcilation FIXED ENDING UNDER/(OVER) RECOVERY	Dkt 4963	\$0 \$5,597,557	\$0 \$5,373,221	\$0 \$831,550	\$0 (\$4,932,771)	\$0 (\$10,664,992)	(\$14,257,795)	\$0 (\$13,541,047)	(\$9,895,433)	(\$6,722,434)	\$0 (\$3,205,787)	\$0 (\$146,856)	\$0 \$2,825,674	\$0 \$2,825,674
(17)	FIXED ENDING UNDER/(OVER) RECOVERS	(12) + (15) + (16)	\$3,397,337	\$3,373,221	\$831,330	(\$4,932,771)	(\$10,664,992)	(\$14,237,793)	(\$13,341,047)	(39,893,433)	(\$6,722,434)	(\$5,205,787)	(\$140,830)	\$2,823,074	\$2,823,074
(18) I	I. Variable Cost Deferred														
(19)	Beginning Under/(Over) Recovery		\$9,981,529	\$12,885,890	\$11,441,585	\$22,637,551	\$23,313,734	\$20,383,618	\$18,891,234	\$16,510,646	\$15,501,190	\$15,949,368	\$16,930,164	\$18,672,635	\$9,981,529
(20)	Variable Supply Costs	Sch. 2, line (88)	\$6,682,445	\$8,311,948	\$24,074,997	\$17,100,507	\$9,616,502	\$7,149,300	\$2,772,424	\$1,253,004	\$2,282,378	\$2,505,736	\$3,404,044	\$3,143,390	\$88,296,676
(21)	Supply Related System Pressure to DAC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22)	Supply Related LNG O & M	Dkt 4770	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$302,244
(23)	Inventory Financing - LNG	Sch. 5, line (22)	\$25,041	\$24,539	\$24,656	\$24,655	\$27,509	\$27,041	\$26,253	\$25,650	\$27,564	\$28,353	\$29,406	\$29,277	\$319,944
(24)	Inventory Financing - UG	Sch. 5, line (12)	\$51,353	\$54,758	\$52,608	\$53,532	\$57,508	\$66,658	\$57,979	\$56,328	\$53,468	\$44,232	\$35,268	\$137,487	\$721,180
(25)	Working Capital	Sch. 4, line (30)	\$49,225	\$61,228	\$177,343	\$125,967	\$70,838	\$52,664	\$20,422	\$9,230	\$16,813	\$18,458	\$25,075	\$23,155	\$650,417
(26)	Total Supply Variable Costs	Sum[(20):(25)]	\$6,833,251	\$8,477,660	\$24,354,791	\$17,329,848	\$9,797,544	\$7,320,850	\$2,902,265	\$1,369,399	\$2,405,410	\$2,621,966	\$3,518,980	\$3,358,496	\$90,290,461
(27)	Supply Variable - Revenue	Sch. 3, line (24)	\$3,961,268	\$9,934,871	\$13,176,906	\$16,675,686	\$12,753,085	\$8,837,430	\$5,311,927	\$2,410,068	\$1,995,208	\$1,689,966	\$1,830,928	\$2,948,045	\$81,525,389
(28)	Monthly Under/(Over) Recovery	(26) - (27)	\$2,871,983	(\$1,457,211)		\$654,162	(\$2,955,541)	(\$1,516,579)	(\$2,409,662)	(\$1,040,669)	\$410,202	\$932,000	\$1,688,053	\$410,451	\$8,765,073
(29)	Prelim. Ending Under/(Over) Recovery Month's Average Balance	(19) + (28) $[(19) + (29)] \div 2$	\$12,853,512 \$11,417,521	\$11,428,679 \$12,157,285	\$22,619,470 \$17,030,528	\$23,291,713 \$22,964,632	\$20,358,192 \$21,835,963	\$18,867,038 \$19,625,328	\$16,481,572 \$17,686,403	\$15,469,977 \$15,990,311	\$15,911,393 \$15,706,292	\$16,881,367 \$16,415,368	\$18,618,217 \$17,774,190	\$19,083,086 \$18,877,860	\$18,746,602
(31)	Interest Rate (BOA Prime minus 200 bps)	[(19) + (29)] + 2	1.25%	1.25%	1.25%	1.25%	1.37%	1.50%	1.94%	2.38%	2.85%	3.50%	3.73%	4.25%	
(32)	Interest Applied	$[(30) \times (31)] \div 365 \times (1)$	\$11,730	\$12,907	\$18,080	\$22,021	\$25,425	\$24,196	\$29,074	\$31,214	\$37,975	\$48,796	\$54,418	\$68,141	\$383,978
(33)	Gas Procurement Incentive/(penalty)	[(30) x (31)] 303 x (1)	\$20,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,750	\$0	\$0	\$20,648
(34)	VARIABLE ENDING UNDER/(OVER) RECOVERY	(29) + (32) + (33)	\$12,885,890	\$11,441,585	\$22,637,551	\$23,313,734	\$20,383,618	\$18,891,234	\$16,510,646	\$15,501,190	\$15,949,368	\$16,930,164	\$18,672,635	\$19,151,227	\$19,151,227
	II. COVID Deferred														
(36)	Beginning Balance		\$4,792,618	\$4,808,823	\$4,267,226	\$3,546,676	\$2,637,642	\$1,940,552	\$1,446,864	\$1,152,555	\$1,021,983	\$913,771	\$823,194	\$725,102	\$4,792,618
(37)	COVID Cost Deferral	Sch. 3, line (32)	(\$11,275)	\$546,412	\$724,696	\$911,998	\$699,753	\$495,775	\$296,444	\$132,693	\$110,549	\$93,155	\$100,458	\$163,831	\$4,264,488
(38)	Prelim. Ending Balance	(36) - (37) [(36) + (38)] ÷ 2	\$4,803,893 \$4,798,256	\$4,262,411 \$4,535,617	\$3,542,530 \$3,904,878	\$2,634,678 \$3,090,677	\$1,937,889 \$2,287,765	\$1,444,778 \$1,692,665	\$1,150,420 \$1,298,642	\$1,019,863 \$1,086,209	\$911,434 \$966,708	\$820,616 \$867,194	\$722,736 \$772,965	\$561,271 \$643,187	
(40)	Month's Average Balance Interest Rate (BOA Prime minus 200 bps)	[(36) + (38)] + 2	1.25%	1.25%	1.25%	1.25%	1.37%	1.50%	1.94%	2.38%	2.85%	3.50%	3.73%	4.25%	
(41)	Interest Applied	[(39) x (41)] ÷ 365 x (1)	\$4,930	\$4,815	\$4,146	\$2,964	\$2,664	\$2,087	\$2,135	\$2,120	\$2,337	\$2,578	\$2,367	\$2,322	\$35,463
	Ending Balance	(38) + (41)	\$4.808.823	\$4,267,226	\$3,546,676	\$2,637,642	\$1,940,552	\$1,446,864	\$1,152,555	\$1,021,983	\$913,771	\$823,194	\$725,102	\$563,593	\$563,593
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	GCR Deferred Summary														
(44)	Beginning Under/(Over) Recovery	(3) + (19) + (36)	\$18,373,896	\$23,292,270	\$21,082,032	\$27,015,776	\$21,018,604	\$11,659,178	\$6,080,304	\$4,122,154	\$6,627,741	\$10,140,705	\$14,547,571	\$19,250,882	\$18,373,896
(45)	Gas Costs	Sum[(4):(6),(16),(20):(22)]		\$17,206,121	\$32,941,292	\$25,990,397	\$19,303,035	\$11,962,230	\$8,870,133	\$7,165,281	\$8,026,794	\$8,326,625	\$8,867,882	\$9,461,023	\$171,172,100
(46)	Inventory Finance	(23) + (24)	\$76,394	\$79,297	\$77,264	\$78,187	\$85,017	\$93,699	\$84,232	\$81,978	\$81,032	\$72,585	\$64,674	\$166,765	\$1,041,124
(47)	Working Capital	(8) + (25)	\$95,444	\$126,050	\$241,960	\$190,757	\$143,189	\$87,422	\$64,645	\$52,086	\$58,433	\$60,641	\$64,628	\$68,998	\$1,254,253
(48)	NGPMP Credits	(7)	(\$669,932)	(\$669,932)	(\$2,259,353)	(\$669,932)	(\$4,654,267)	(\$669,932)	(\$669,932)	(\$30,969)	(\$669,932)	(\$669,932)	(\$669,932)	(\$669,932)	(\$12,973,973)
(49)	Total Costs	Sum[(45):(48)]	\$12,553,194	\$16,741,536	\$31,001,163	\$25,589,409	\$14,876,975	\$11,473,419	\$8,349,078	\$7,268,377	\$7,496,327	\$7,789,920	\$8,327,253	\$9,026,853	\$160,493,505
(50)	Revenue	(10) + (27) - (37)	\$7,676,850	\$18,975,317	\$25,092,936	\$31,609,601	\$24,255,414	\$17,063,222	\$10,315,606	\$4,773,272	\$4,003,610	\$3,419,694	\$3,675,603	\$5,812,529	\$156,673,654
(51)	Monthly Under/(Over) Recovery	(49) - (50)	\$4,876,344	(\$2,233,781)	\$5,908,227	(\$6,020,191)	(\$9,378,440)	(\$5,589,803)	(\$1,966,528)	\$2,495,104	\$3,492,718	\$4,370,226	\$4,651,650	\$3,214,324	\$3,819,850
(52)	Prelim. Ending Under/(Over) Recovery	(44) + (51)	\$23,250,240	\$21,058,490	\$26,990,259	\$20,995,585	\$11,640,164	\$6,069,375	\$4,113,776	\$6,617,259	\$10,120,458	\$14,510,931	\$19,199,221	\$22,465,206	
(53)	Month's Average Balance	$[(44) + (52)] \div 2$	\$20,812,068	\$22,175,380	\$24,036,145	\$24,005,681	\$16,329,384	\$8,864,277	\$5,097,040	\$5,369,707	\$8,374,099	\$12,325,818	\$16,873,396	\$20,858,044	
(54)	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.25%	1.25%	1.25%	1.37%	1.50%	1.94%	2.38%	2.85%	3.50%	3.73%	4.25%	
(55)	Interest Applied	(15) + (32) + (41)	\$21,382	\$23,542	\$25,518	\$23,019	\$19,014	\$10,929	\$8,379	\$10,482	\$20,247	\$36,640	\$51,660	\$75,289	\$326,100
(56)	Gas Purchase Plan Incentives/(Penalties)	(33)	\$20,648 \$23,292,270	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$22,540,495	\$20,648
(57)	ENDING UNDER/(OVER) RECOVERY W/ INTEREST	I = (52) + (55) + (56)	\$45,292,270	\$21,082,032	\$27,015,776	\$21,018,604	\$11,659,178	\$6,080,304	\$4,122,154	\$6,627,741	\$10,140,705	\$14,547,571	\$19,250,882	344,340,495	\$22,540,495

# **Supply Estimates Actuals for Filing**

		Nov Actual (a)	<u>Dec</u> Actual (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	<u>Jun</u> Actual (h)	<u>Jul</u> Actual (i)	Aug Actual (j)	Sep Actual (k)	Oct Forecast (l)	Nov-Oct (m)
Description	Reference													
(1) SUPPLY FIXED COSTS - Pipeline Delivery														
(2) Dawn to E.Here		\$1,376,090	\$1,319,400	\$1,293,622	\$1,257,904	\$1,296,737	\$1,280,998	\$1,303,395	\$1,253,714	\$1,312,143	\$1,328,619	\$1,187,639	\$1,068,695	\$15,278,958
(3) Dawn to WADDY		\$11,721	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$11,462	\$23,810	\$150,151
(4) Dominion SP		\$7,011	\$7,010	\$7,010	\$7,010	\$8,094	\$9,083	\$9,224	\$9,153	\$6,849	\$9,153	\$9,153	\$9,251	\$98,002
(5) Dracut		\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$72,811	\$81,936	\$882,857
(6) Everett		\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$100,781	\$102,420	\$1,211,014
(7) Manchester Lateral		\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$209,627	\$3,100,427
(8) Millennium/AIM		\$927,625	\$933,474	\$933,474	\$915,926	\$933,474	\$927,844	\$933,474	\$927,654	\$933,474	\$933,474	\$927,625	\$760,234	\$10,987,750
(9) Niagara		\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$78,917
(10) TCO (Pool)		\$746,524	\$641,727	\$625,370	\$625,845	\$627,290	\$633,190	\$634,910	\$635,225	\$628,010	\$653,127	\$635,008	\$609,025	\$7,695,251
(11) TCO Rate Case Settlement		\$0	\$0	\$0	\$0	\$0	(\$1,449,258)	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,449,258)
(12) AGT M3		\$320,817	\$320,817	\$320,817	\$320,943	\$320,817	\$320,817	\$320,817	\$320,817	\$320,817	\$320,817	\$320,817	\$126,790	\$3,655,904
(13) TETCO SCT Long Haul		\$23,268 \$1,218,426	\$23,238	\$23,238 \$1,217,758	\$23,473	\$40,380	\$32,715 \$1,743,439	\$33,261 \$1,774,621	\$33,015	\$33,015	\$33,064	\$33,064 \$1,763,446	\$25,889	\$357,619
(14) TETCO CDS Long Haul		\$1,218,426	\$1,217,599 \$8,995	\$1,217,758	\$1,230,215 \$8,519	\$2,168,358 \$8,994	\$1,743,439 \$8,844	\$1,774,621	\$1,760,547 \$7,114	\$1,760,547 \$9,003	\$1,764,553 \$9,003	\$1,763,446	\$1,445,608 \$9,430	\$19,065,118 \$105,578
(15) Transco Leidy (16) TGP Long Haul		\$540,269	\$540,268	\$8,993 \$540,270	\$540,269	\$8,994 \$540,269	\$8,844 \$540,269	\$540,269	\$540,269	\$540,269	\$540,269	\$5,844 \$540,269	\$9,430 \$441.663	\$6,384,617
(17) TGP ConneXion		\$231,150	\$340,268 \$259,532	\$264,309	\$264,309	\$264,309	\$264,309	\$264,309	\$264,309	\$264,309	\$264,309	\$264,309	\$216,050	\$3,085,517
(18) AMA Credits		(\$104,501)	(\$102,585)	(\$102,818)	(\$94,832)	(\$102,956)	(\$100,269)	(\$103,030)	(\$100,307)	(\$103,023)		(\$100,324)	(\$125,155)	(\$1,242,830)
(19) Less Credits from Mkter Releases		(\$1,002,217)	(\$1,034,529)	(\$1,023,663)	(\$968,746)	(\$1,100,403)		(\$1,298,891)	(\$1,417,372)	. , ,	(\$1,948,878)	(\$1,773,084)		(\$14,284,083)
(15) Less Credits Holli Wikter Releases		(\$1,002,217)	(\$1,034,329)	(\$1,023,003)	(\$900,740)	(\$1,100,403)	(\$1,004,932)	(\$1,290,091)	(\$1,417,372)	(\$1,031,340)	(\$1,540,676)	(\$1,775,004)	30	(\$14,264,063)
(20) SUPPLY FIXED - Supplier														
(21) Distrigas FCS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) 101.112		40	<b>40</b>	Ψ0			<b>4</b> 0		Ψ0			<b>4</b> 0	40	40
(23) STORAGE FIXED COSTS - Facilities														
(24) Columbia FSS		\$23,199	\$15,431	\$15,431	\$15,431	\$15,431	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$197,773
(25) Dominion GSS		\$36,342	\$36,342	\$36,342	\$36,342	\$36,342	\$70,165	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$672,859
(26) Dominion GSSTE		\$46,702	\$46,703	\$46,702	\$46,702	\$46,702	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$866,531
(27) Providence LNG		\$256,460	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$3,452,180
(28) Tennessee FSMA		\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$496,403
(29) Tetco FSS1		\$2,402	\$2,398	\$2,399	\$2,396	\$4,540	\$3,557	\$3,620	\$3,629	\$3,673	\$3,665	\$3,663	\$4,773	\$40,715
(30) Tetco SS1		\$114,106	\$114,027	\$114,041	\$115,091	\$221,891	\$165,223	\$176,237	\$171,406	\$172,102	\$172,078	\$172,041	\$190,186	\$1,898,429
(31) STORAGE FIXED COSTS - Delivery														
(32) Storage Delivery		\$386,130	\$377,826	\$377,827	\$377,918	\$420,861	\$356,921	\$360,956	\$358,966	\$358,966	\$358,985	\$358,985	\$445,418	\$4,539,758
(33) Confidential Pipeline and Peaking Supplies		\$639,967	\$5,586,774	\$5,386,619	\$5,367,636	\$5,319,390	\$33,984	\$57,054	<u>\$106,919</u>	\$98,392	<u>\$444,463</u>	<u>\$75,166</u>	\$82,946	\$23,199,310
(34) TOTAL FIXED COSTS	Sum[(2):(33)]	\$6,294,660	\$11,100,764	\$10,874,060	\$10,878,670	\$11,856,836	\$4,649,747	\$5,982,264	\$5,838,094	\$5,670,233	\$5,746,706	\$5,389,655	\$6,243,778	\$90,525,467

# **Supply Estimates Actuals for Filing**

		Nov Actual (a)	Dec Actual (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	<u>Jun</u> Actual (h)	<u>Jul</u> <u>Actual</u> (i)	Aug Actual (j)	Sep Actual (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u>	Reference													
(35) VARIABLE COMMODITY COSTS (36) AGT Citygate (37) AIM at Ramapo (38) Dawn via IGTS (39) Dawn via PNGTS (40) Dominion SP (41) Dracut Supply (42) Everett Swing (43) Millennium (44) Niagara (45) TCO Appalachia (46) Tetco M3 (47) Transco Leidy (48) Waddington (49) Tetco M2 CDS (50) Tetco M2 SCT (51) TGP Z4 LH (53) Confidential Pipeline and Peaking Supplies (54) Variable Transportation Costs (55) Total Pipeline Commodity Charges	Sum[(36):(54)]	\$12,853,757	\$15,144,812	\$25,161,817	\$22,977,390	\$13,096,042	\$10,948,381	\$6,607,060	\$5,305,369	\$3,734,722	\$4,764,854	\$5,691,997	\$0 \$20,307 \$0 \$0 \$0 \$0 \$0 \$0 \$1,716 \$0 \$1,424,765 \$10,209 \$0 \$5,103,763 \$0 \$1,115,977 \$529,099 \$145,182 \$331,601 \$8,854,462	\$0 \$20,307 \$0 \$0 \$0 \$0 \$0 \$0 \$1,716 \$0 \$91,842 \$1,424,765 \$10,209 \$0 \$5,103,763 \$0 \$1,115,977 \$529,099 \$145,182 \$331,601 \$135,140,661
<ul><li>(56) INJECTIONS &amp; HEDGING IMPACT</li><li>(57) Hedging</li><li>(58) Refunds</li><li>(59) Less: Costs of Injections</li></ul>		(\$7,058,735) \$0 <u>\$0</u>	(\$7,881,708) \$0 <u>\$0</u>	(\$4,055,080) \$0 <u>\$0</u>	(\$10,306,983) \$0 <u>\$0</u>	(\$4,672,250) \$0 <u>\$0</u>	(\$3,774,744) \$0 <u>\$0</u>	(\$4,103,975) \$0 <u>\$0</u>	(\$4,737,055) \$0 <u>\$0</u>	(\$1,781,862) \$0 <u>\$0</u>	(\$2,717,795) \$0 <u>\$0</u>	(\$3,536,665) \$0 <u>\$0</u>	(\$4,264,562) \$0 (\$1,559,158)	(\$58,891,415) \$0 (\$1,559,158)
(60) TOTAL VARIABLE SUPPLY COSTS	Sum[(57):(59)]	\$5,795,022	\$7,263,104	\$21,106,737	\$12,670,406	\$8,423,792	\$7,173,636	\$2,503,086	\$568,313	\$1,952,860	\$2,047,058	\$2,155,332	\$3,030,742	\$74,690,088
<ul><li>(61) VARIABLE STORAGE COSTS</li><li>(62) Underground Storage</li><li>(63) LNG Withdrawals and Trucking</li></ul>		\$981,497 \$97,829	\$1,161,756 \$85,293	\$2,232,344 \$350,483	\$1,800,919 \$389,556	\$1,112,268 (\$24,735)	\$150,963 \$68,888	\$258,986 \$114,706	\$83,907 \$81,179	\$83,864 \$97,264	\$150,265 \$99,533	\$104,654 \$85,252	\$0 \$112,648	\$8,121,423 \$1,557,894
(64) TOTAL VARIABLE STORAGE COSTS	Sum[(62):(63)]	\$1,079,326	\$1,247,049	\$2,582,827	\$2,190,474	\$1,087,533	\$219,851	\$373,691	\$165,086	\$181,128	\$249,797	\$189,906	\$112,648	\$9,679,318
(65) TOTAL VARIABLE COSTS	(60) + (64)	\$6,874,348	\$8,510,152	\$23,689,564	\$14,860,881	\$9,511,325	\$7,393,488	\$2,876,777	\$733,399	\$2,133,988	\$2,296,856	\$2,345,238	\$3,143,390	\$84,369,406
(66) TOTAL SUPPLY COSTS	(34) + (65)	\$13,169,007	\$19,610,916	\$34,563,624	\$25,739,551	\$21,368,161	\$12,043,234	\$8,859,041	\$6,571,493	\$7,804,221	\$8,043,562	\$7,734,893	\$9,387,168	\$174,894,873

# **Supply Estimates Actuals for Filing**

		<u>Nov</u> Actual	<u>Dec</u> Actual	<u>Jan</u> Actual	<u>Feb</u> Actual	<u>Mar</u> Actual	Apr Actual	May Actual	<u>Jun</u> Actual	<u>Jul</u> Actual	Aug Actual	<u>Sep</u> Actual	Oct Forecast	Nov-Oct
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
<u>Description</u>	Reference													
(67) Storage Costs for FT-2 Calculation (68) Storage Fixed Costs - Facilities (69) Storage Fixed Costs - Deliveries		\$520,578 \$981,805	\$546,788 \$5,920,308	\$546,801 \$5,721,485	\$547,849 \$5,702,593	\$656,792 \$5,697,289	\$677,384 \$347.943	\$688,461 \$375,049	\$683,640 \$422,923	\$684,378 \$414,396	\$684,347 \$760,487	\$684,308 \$391,190	\$703,563 \$481,403	\$7,624,890 \$27,216,871
(70) Sub-Total Storage Costs (71) Tennessee Dracut for Peaking (72) Inventory Financing	Sum[(68):(69)]	\$1,502,383 \$173,592 \$76,394	\$6,467,096 \$173,592 \$79,297	\$6,268,286 \$173,592 \$77,264	\$6,250,441 \$173,592 \$78,187	\$6,354,082 \$173,592 \$85,017	\$1,025,327 \$173,592 \$93,699	\$1,063,510 \$173,592 \$84,232	\$1,106,563 \$173,592 \$81,978	\$1,098,775 \$173,592 \$81,032	\$1,444,835 \$173,592 \$72,585	\$1,075,498 \$173,592 \$64,674	\$1,184,966 \$184,356 \$166,765	\$34,841,761 \$2,093,871 \$1,041,124
<ul><li>(73) Supply Related LNG O&amp;M Costs</li><li>(74) Working Capital Requirement</li></ul>	C F(70) (74)1	\$69,152 \$10,918	\$69,152 \$30,689	\$69,152 \$30,689	\$69,152 \$30,698	(\$160,615) \$31,816	\$69,152 \$8,060	\$69,152 <u>\$7,990</u>	\$69,152 \$8,003	\$69,152 <u>\$7,945</u>	\$69,152 \$10,495	\$69,152 <u>\$7,774</u>	\$69,152 \$8,578	\$600,056 \$193,655 \$38,770,467
(75) TOTAL FT-2 STORAGE FIXED COSTS (76) System Storage MDQ (Dth) (77) FT-2 Storage Cost per MDQ (Dth)	Sum[(70):(74)] (75) ÷ (76)	\$1,832,439 195,803 \$9.3586	\$6,819,826 207,965 \$32.7931	\$6,618,984 207,649 \$31.8759	\$6,602,070 205,804 \$32.0794	\$6,483,892 204,700 \$31.6751	\$1,369,830 204,737 \$6.6907	\$1,398,476 204,156 \$6.8501	\$1,439,288 203,375 \$7.0770	\$1,430,497 203,333 \$7.0352	\$1,770,659 203,397 \$8.7054	\$1,390,690 202,633 \$6.8631	\$1,613,817 180,255 \$8.9530	2,423,807 \$15.9957
(78) Pipeline Variable	(65)	\$6,874,348	\$8,510,152	\$23,689,564	\$14,860,881	\$9,511,325	\$7,393,488	\$2,876,777	\$733,399	\$2,133,988	\$2,296,856	\$2,345,238	\$3,143,390	\$84,369,406
(79) Less Non-firm Gas Costs (80) Less Company Use		(\$110,960) \$0	(\$474,266) \$0	(\$336,165) \$0	\$9,866 \$0	(\$194,754) \$0	(\$217,633) \$0	(\$180,206) \$0	(\$31,090) \$0	\$58,668 \$0	(\$18,380) \$0	(\$60,386) \$0	\$0 \$0	(\$1,555,305) \$0
(81) Less Manchester St Balancing (82) Plus Cashout (83) Less Mkter Withdrawals/Injections		\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0
(84) Mkter Over-takes/Undertakes (85) Marketer Reconciliation Surcharge		(\$65,337) \$0	\$249,948 \$0	\$746,010 \$0	\$2,231,156 \$0	\$117,335 \$0	(\$88,341) \$0	\$43,914 \$0	\$543,447 \$0	\$99,333 \$0	\$227,260 \$0	\$1,119,192 \$0	\$0 \$0	\$5,223,917 \$0
<ul> <li>(86) Plus Pipeline Srchg/Credit</li> <li>(87) Less Mkter FT-2 Daily weather true-up</li> <li>(88) TOTAL FIRM COMMODITY COSTS</li> </ul>	Sum[(78):(87)]	\$0 ( <u>\$15,606)</u> \$6,682,445	\$0 <u>\$26,113</u> \$8,311,948	\$0 ( <u>\$24,413)</u> \$24,074,997	\$0 (\$1,396) \$17,100,507	\$0 <u>\$182,596</u> \$9,616,502	\$0 <u>\$61,787</u> \$7,149,300	\$0 \$31,939 \$2,772,424	\$0 <u>\$7,248</u> \$1,253,004	\$0 (\$9,611) \$2,282,378	\$0 <u>\$0</u> \$2,505,736	\$0 <u>\$0</u> \$3,404,044	\$0 <u>\$0</u> \$3,143,390	\$0 <u>\$258,657</u> \$88,296,676

#### **GCR Revenue**

		Nov Actual (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	<u>Jun</u> Actual (h)	<u>Jul</u> <u>Actual</u> (i)	Aug Actual (j)	Sep Actual (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u>	Reference													
(1) I. Fixed Cost Revenue														
(2) (a) Low Load dth (3) Fixed Cost Factor (4) Low Load Revenue	Sch. 6, Sum[(24):(28), (30)] (4) ÷ (2)	1,260,208 \$2.6972 \$3,399,042	3,033,331 \$2.6732 \$8,108,728	4,027,041 \$2.6798 \$10,791,550	5,075,589 \$2.6795 \$13,600,240	3,863,655 \$2.6816 \$10,360,762	2,755,828 \$2.6811 \$7,388,528	1,621,661 \$2.6807 \$4,347,180	707,638 \$2.6805 \$1,896,815	589,946 \$2.6796 \$1,580,796	497,317 \$2.6784 \$1,332,025	533,392 \$2.6772 \$1,428,018	890,093 \$2.6807 \$2,386,073	24,855,698 \$66,619,759
<ul> <li>(5) (b) High Load dth</li> <li>(6) Fixed Cost Factor</li> <li>(7) High Load Revenue</li> </ul>	Sch. 6, Sum[(22), (23), (29), (31)] (7) ÷ (5)	44,574 \$2.0300 \$90,486	71,441 \$2.0019 \$143,018	78,122 \$2.0208 \$157,865	90,794 \$2.0035 \$181,908	100,453 \$2.0241 \$203,331	52,622 \$1.9567 \$102,963	60,442 \$2.0219 \$122,207	48,572 \$1.9920 \$96,757	40,260 1.9912 \$80,166	33,912 1.9929 \$67,583	40,593 1.9738 \$80,123	40,947 1.9934 \$81,623	702,731 \$1,408,032
(8) Sub-total throughput Dth	(2) + (5)	1,304,782	3,104,773	4,105,163	5,166,383	3,964,108	2,808,450	1,682,102	756,210	630,206	531,229	573,985	931,040	25,558,429
(9) FT-2 Storage Revenue from marketers		\$237,329	\$242,287	\$241,918	\$239,769	\$238,483	\$238,526	\$237,848	\$236,939	\$236,890	\$236,965	\$236,075	\$232,957	\$2,855,986
(10) TOTAL FIXED REVENUE	(4) + (7) + (9)	\$3,726,857	\$8,494,033	\$11,191,334	\$14,021,917	\$10,802,576	\$7,730,017	\$4,707,235	\$2,230,511	\$1,897,853	\$1,636,573	\$1,744,217	\$2,700,653	\$70,883,777
(11) II. Variable Cost Revenue														
<ul> <li>(12) (a) Firm Sales dth</li> <li>(13) Variable Supply Cost Factor</li> <li>(14) Variable Supply Revenue</li> </ul>	(8) (14) ÷ (12)	1,304,782 \$3.0158 \$3,934,964	3,104,773 \$3.1545 \$9,794,113	4,105,163 \$3.1659 \$12,996,346	5,166,383 \$3.1552 \$16,300,954	3,964,108 \$3.1658 \$12,549,683	2,808,450 \$3.1606 \$8,876,395	1,682,102 \$3.1511 \$5,300,498	756,210 \$3.1629 \$2,391,790	630,206 \$3.1639 \$1,993,923	531,229 \$3.1589 \$1,678,121	573,985 \$3.1619 \$1,814,883	931,040 \$3.1664 \$2,948,045	25,558,429 \$80,579,716
(15) (b) TSS Sales dth (16) TSS Surcharge Factor (17) TSS Surcharge Revenue	Sch. 6, line (20) Company's website (16) x (17)	3,677 \$2.2170 \$8,151	7,556 \$1.4510 \$10,963	14,358 \$0.0850 \$1,220	28,103 \$1.8640 \$52,383	22,085 \$0.5100 \$11,263	12,134 \$1.1840 \$14,367	9,417 \$3.0200 \$28,440	431 \$5.5420 \$2,390	281 \$2.2290 \$627	720 \$3.6110 \$2,598	(221) \$3.8930 (\$859)	\$0.0000	98,541 \$131,545
(18) (c) Default Sales dth (19) Variable Supply Cost Factor (20) Variable Supply Revenue	Sch. 6, line (60) (20) ÷ (18)	2,679 \$6.77 \$18,153	9,958 \$12.62 \$125,620	8,689 \$20.35 \$176,843	9,162 \$34.99 \$320,525	6,638 \$28.61 \$189,930	5,854 (\$9.11) (\$53,332)		1,188 \$12.53 \$14,885	(758) \$2.44 (\$1,848)	1,634 \$5.66 \$9,248	1,281 \$13.19 \$16,904	0 \$0.00 \$0	49,518 \$799,917
(21) (d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) (e) Deferred Responsibility		\$0	\$4,175	\$2,496	\$1,823	\$2,208	\$0	\$0	\$1,002	\$2,505	\$0	\$0	\$0	\$14,211
(23) (e) FT-1 Storage and Peaking														
(24) TOTAL VARIABLE REVENUE	(14)+(17)+(20)+(21)+(22)+(23)	\$3,961,268	\$9,934,871	\$13,176,906	\$16,675,686	\$12,753,085	\$8,837,430	\$5,311,927	\$2,410,068	\$1,995,208	\$1,689,966	\$1,830,928	\$2,948,045	\$81,525,389
(25) III. Reduction to GCR														
(26) (a) Low Load dth (27) Low Load COVID Factor (\$/dth) (28) Low Load Revenue	Sch. 6, Sum[(24):(28), (30)] (28) ÷ (26)	1,260,208 (\$0.0090) (\$11,286)	3,033,331 \$0.1765 \$535,399	4,027,041 \$0.1769 \$712,539	5,075,589 \$0.1769 \$897,990	3,863,655 \$0.1771 \$684,096	2,755,828 \$0.1770 \$487,846	1,621,661 \$0.1770 \$287,034	707,638 \$0.1770 \$125,242	589,946 \$0.1769 \$104,376	497,317 \$0.1768 \$87,950	533,392 \$0.1768 \$94,289	890,093 \$0.1770 \$157,546	24,855,698 \$4,163,021
(29) (b) High Load dth (30) High Load COVID Factor (\$/dth) (31) High Load Revenue	Sch. 6, Sum[(24):(28), (30)] (31) ÷ (29)	44,574 \$0.0002 \$11	71,441 \$0.1542 \$11,013	78,122 \$0.1556 \$12,156	90,794 \$0.1543 \$14,008	100,453 \$0.1559 \$15,657	52,622 \$0.1507 \$7,929	60,442 \$0.1557 \$9,410	48,572 \$0.1534 \$7,451	40,260 \$0.1533 \$6,173	33,912 \$0.1535 \$5,204	40,593 \$0.1520 \$6,170	40,947 \$0.1535 \$6,285	702,731 \$101,467
(32) Total Reduction to GCR	(28) + (31)	(\$11,275)	\$546,412	\$724,696	\$911,998	\$699,753	\$495,775	\$296,444	\$132,693	\$110,549	\$93,155	\$100,458	\$163,831	\$4,264,488
(33) Total GAS COST REVENUE (w/o FT-2)	(10) + (24) + (32)	\$7,676,850	\$18,975,317	\$25,092,936	\$31,609,601	\$24,255,414	\$17,063,222	\$10,315,606	\$4,773,272	\$4,003,610	\$3,419,694	\$3,675,603	\$5,812,529	\$156,673,654

## WORKING CAPITAL

		Nov Actual (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	<u>Jun</u> Actual (h)	<u>Jul</u> Actual (i)	Aug Actual (j)	Sep Actual (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u>	Reference													
(1) Supply Fixed Costs	Sch. 1, line (4)	\$6,294,660	\$11,100,764	\$10,874,060	\$10,878,670	\$11,856,836	\$4,649,747	\$5,982,264	\$5,838,094	\$5,670,233	\$5,746,706	\$5,389,655	\$6,243,778	\$90,525,467
(2) Less System Pressure to DAC	Sch. 1, line (5)	(\$20,156)	(\$2,300,929)	(\$2,102,104)	(\$2,083,120)	(\$2,034,875)	\$68,844	\$21,107	(\$20,156)	(\$20,156)	(\$20,156)	(\$20,156)	(\$20,484)	(\$8,552,342)
<ul><li>(3) Plus: Supply Related LNG O&amp;M Costs</li><li>(4) Total Adjustments</li></ul>	(2) + (3)	\$0 (\$20,156)	\$0 (\$2,300,929)	\$0 (\$2,102,104)	\$0 (\$2,083,120)	\$0 (\$2,034,875)	\$0 \$68,844	\$0 \$21,107	\$0 (\$20,156)	\$0 (\$20,156)	\$0 (\$20,156)	\$0 (\$20,156)	\$0 (\$20,484)	\$0 (\$8,552,342)
(5) Allowable Working Capital Costs	(2) + (3) (1) + (4)	\$6,274,503	\$8,799,834	\$8,771,956	\$8,795,551	\$9,821,961	\$4,718,590	\$6,003,370	\$5,817,938	\$5,650,077	\$5,726,550	\$5,369,499	\$6,223,294	\$81,973,124
(5) Allowable Working Capital Costs	(1) (4)	\$0,274,303	\$0,777,034	\$6,771,750	\$6,775,551	\$7,021,701	\$ <del>4</del> ,710,570	\$0,005,570	\$5,617,756	\$5,050,077	\$3,720,330	\$3,307,477	\$0,223,274	\$61,773,124
(6) Number of Days Lag	Dkt 4770	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(7) Working Capital Requirement	$[(5) \times (6)] \div 365$	\$565,909	\$793,673	\$791,158	\$793,286	\$885,860	\$425,578	\$541,455	\$524,730	\$509,590	\$516,488	\$484,285	\$561,290	
(8) Cost of Capital	Dkt 4770	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	
(9) Return on Working Capital Requirement	(7) x (8)	\$39,104	\$54,843	\$54,669	\$54,816	\$61,213	\$29,407	\$37,415	\$36,259	\$35,213	\$35,689	\$33,464	\$38,785	
(10) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
(11) Interest Expense	(7) x (10)	\$12,337	\$17,302	\$17,247	\$17,294	\$19,312	\$9,278	\$11,804	\$11,439	\$11,109	\$11,259	\$10,557	\$12,236	
(12) Taxable Income	(9) - (11)	\$26,767	\$37,541	\$37,422	\$37,522	\$41,901	\$20,130	\$25,611	\$24,820	\$24,104	\$24,430	\$22,907	\$26,549	
(13) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(14) Return and Tax Requirement	$(12) \div (13)$	\$33,883	\$47,520	\$47,369	\$47,497	\$53,039	\$25,481	\$32,419	\$31,417	\$30,511	\$30,924	\$28,996	\$33,606	
(15) Supply Fixed Working Capital Requirement	(11) + (14)	\$46,220	\$64,822	\$64,617	\$64,790	\$72,351	\$34,758	\$44,222	\$42,857	\$41,620	\$42,183	\$39,553	\$45,842	\$603,836
(16) Supply Variable Costs	Sch. 1, line (20)	\$6,682,445	\$8,311,948	\$24,074,997	\$17,100,507	\$9,616,502	\$7,149,300	\$2,772,424	\$1,253,004	\$2,282,378	\$2,505,736	\$3,404,044	\$3,143,390	\$88,296,676
(17) Less: Bal. Related Syst. Pressure Commodity to DAC	Sch. 1, line (21)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18) Plus: Supply Related LNG O&M Costs		\$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)	\$6,682,445	\$8,311,948	\$24,074,997	\$17,100,507	\$9,616,502	\$7,149,300	\$2,772,424	\$1,253,004	\$2,282,378	\$2,505,736	\$3,404,044	\$3,143,390	\$88,296,676
(21) Number of Days Lag	Dkt 4770	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(22) Working Capital Requirement	[(20) x (21)] ÷ 365	\$602,702	\$749,669	\$2,171,367	\$1,542,325	\$867,329	\$644,808	\$250,050	\$113,011	\$205,852	\$225,997	\$307,017	\$283,508	
(23) Cost of Capital	Dkt 4770	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	
(24) Return on Working Capital Requirement	(22) x (23)	\$41,647	\$51,802	\$150,041	\$106,575	\$59,932	\$44,556	\$17,278	\$7,809	\$14,224	\$15,616	\$21,215	\$19,590	
(25) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
(26) Interest Expense	(22) x (25)	\$13,139	\$16,343	\$47,336	\$33,623	\$18,908	\$14,057	\$5,451	\$2,464	\$4,488	\$4,927	\$6,693	\$6,180	
( · )	() (20)	,/	+ - O, D 1 D	, 550	,025	2-0,700	1,007	,	-2,.01	÷ 1, 100	- 1,227	40,023	-0,100	
(27) Taxable Income	(24) - (26)	\$28,508	\$35,459	\$102,706	\$72,952	\$41,025	\$30,499	\$11,827	\$5,345	\$9,737	\$10,690	\$14,522	\$13,410	
(28) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(29) Return and Tax Requirement	$(27) \div (28)$	\$36,086	\$44,885	\$130,007	\$92,344	\$51,930	\$38,607	\$14,971	\$6,766	\$12,325	\$13,531	\$18,382	\$16,975	
(30) Supply Variable Working Capital Requirement	(26) + (29)	\$49,225	\$61,228	\$177,343	\$125,967	\$70,838	\$52,664	\$20,422	\$9,230	\$16,813	\$18,458	\$25,075	\$23,155	\$650,417

#### INVENTORY FINANCE

			Nov Actual (a)	Dec Actual (b)	Jan Actual	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual	Jun Actual	<u>Jul</u> Actual	Aug Actual (j)	Sep Actual (k)	Oct Forecast	Nov-Oct (m)
			(a)	(6)	(c)	(u)	(e)	(1)	(g)	(h)	(i)	0)	(K)	(1)	(III)
	<u>Description</u>	Reference													
(1) (2) (3)	Storage Inventory Balance Monthly Storage Deferral/Amortization Subtotal	(1) + (2)	\$11,389,695 (\$3,844,613) \$7,545,082	\$11,028,595 (\$2,983,161) \$8,045,433	\$9,483,418 (\$1,753,867) \$7,729,551	\$8,605,364 (\$740,044) \$7,865,320	\$8,449,452 \$1 \$8,449,454	\$10,077,928 (\$284,119) \$9,793,809	\$11,654,710 (\$3,136,034) \$8,518,676	\$13,745,284 (\$5,469,210) \$8,276,073	\$15,334,429 (\$7,478,544) \$7,855,885	\$17,299,195 (\$10,800,293) \$6,498,902	\$19,380,024 (\$14,198,266) \$5,181,758	\$20,200,559 \$0 \$20,200,559	
(4)	Cost of Capital Return on Working Capital Requirement	Dkt 4770	6.91% \$521,365	6.91% \$555,939	6.91% \$534,112	6.91% \$543,494	6.91% \$583,857	6.91% \$676,752	6.91% \$588,641	6.91% \$571,877	6.91% \$542,842	6.91% \$449,074	6.91% \$358,059	6.91% \$1,395,859	\$7,321,871
(5)	Return on Working Capital Requirement	(3) x (4)	\$321,303	\$333,939	\$334,112	\$343,494	\$383,837	\$0/0,/32	\$388,041	\$3/1,8//	\$342,842	\$449,074	\$338,039	\$1,393,839	\$7,321,871
(6) (7)	Weighted Cost of Debt Interest Charges Financed	Dkt 4770 (3) x (6)	2.18% \$164,483	2.18% \$175,390	2.18% \$168,504	2.18% \$171,464	2.18% \$184,198	2.18% \$213,505	2.18% \$185,707	2.18% \$180,418	2.18% \$171,258	2.18% \$141,676	2.18% \$112,962	2.18% \$440,372	\$2,309,939
(8)	Taxable Income	(5) - (7)	\$356,882	\$380,549	\$365,608	\$372,030	\$399,659	\$463,247	\$402,933	\$391,458	\$371,583	\$307,398	\$245,097	\$955,486	
(9)	1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(10)	Return and Tax Requirement	$(8) \div (9)$	\$451,750	\$481,708	\$462,795	\$470,924	\$505,898	\$586,389	\$510,042	\$495,517	\$470,359	\$389,111	\$310,250	\$1,209,476	\$6,344,217
(11)	Working Capital Requirement	(7) + (10)	\$616,233	\$657,098	\$631,299	\$642,388	\$690,096	\$799,894	\$695,749	\$675,935	\$641,617	\$530,787	\$423,212	\$1,649,849	\$8,654,156
(12)	Monthly Average	(11) ÷ 12	\$51,353	\$54,758	\$52,608	\$53,532	\$57,508	\$66,658	\$57,979	\$56,328	\$53,468	\$44,232	\$35,268	\$137,487	\$721,180
(13)	LNG Inventory Balance		\$3,679,159	\$3,605,444	\$3,622,604	\$3,622,437	\$4,041,821	\$3,973,077	\$3,857,206	\$3,768,691	\$4,049,919	\$4,165,810	\$4,320,575	\$4,301,601	
(14)		Dkt 4770	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%	
(15)	Return on Working Capital Requirement	(13) x (14)	\$254,230	\$249,136	\$250,322	\$250,310	\$279,290	\$274,540	\$266,533	\$260,417	\$279,849	\$287,857	\$298,552	\$297,241	\$3,248,277
(16)	2	Dkt 4770	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	\$1.004.500
(17)	Interest Charges Financed	(13) x (16)	\$80,206	\$78,599	\$78,973	\$78,969	\$88,112	\$86,613	\$84,087	\$82,157	\$88,288	\$90,815	\$94,189	\$93,775	\$1,024,782
(18)		(15) - (17)	\$174,024	\$170,538	\$171,349	\$171,341	\$191,178	\$187,927	\$182,446	\$178,259	\$191,561	\$197,043	\$204,363	\$203,466	
(19)		Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	02.014.550
(20)	Return and Tax Requirement	$(18) \div (19)$	\$220,284	\$215,870	\$216,898	\$216,888	\$241,998	\$237,882	\$230,944	\$225,644	\$242,483	\$249,421	\$258,688	\$257,552	\$2,814,550
(21)	Working Capital Requirement	(17) + (20)	\$300,489	\$294,469	\$295,870	\$295,857	\$330,109	\$324,495	\$315,031	\$307,802	\$330,771	\$340,236	\$352,876	\$351,326	\$3,839,332
(22)	Monthly Average	(21) ÷ 12	\$25,041	\$24,539	\$24,656	\$24,655	\$27,509	\$27,041	\$26,253	\$25,650	\$27,564	\$28,353	\$29,406	\$29,277	\$319,944
(23)	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$76,394	\$79,297	\$77,264	\$78,187	\$85,017	\$93,699	\$84,232	\$81,978	\$81,032	\$72,585	\$64,674	\$166,765	\$1,041,124

#### **Actual Dth Usage for Filing**

Actual Dth Usage for Filing													
	Nov	Dec	Jan	<u>Feb</u>	Mar	Apr	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep .	Oct	Nov-Oct
	Actual	Actual (b)	Actual	Actual	Actual (e)	Actual	Actual	Actual (b)	Actual	Actual	Actual	Forecast	(m)
THROUGHPUT (Dth)	(a)	(0)	(c)	(d)	(6)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Rate Class													
(1) <u>SALES</u> (2) Residential Non-Heating	17,050	27,945	34,833	42,634	34,760	30,192	21,541	12,803	12,571	10,255	10,833	12,706	268,124
(3) Residential Non-Heating Low Income	1,445	2,347	2,871	3,610	2,822	2,649	1,870	1,122	1,029	859	972	0	21,596
(4) Residential Heating	876,018	2,090,016	2,779,726	3,457,289	2,623,099	1,899,517	1,091,490	475,988	386,551	320,592	349,386	644,498	16,994,170
(5) Residential Heating Low Income	101,407	218,612	280,070	362,471	276,386	215,846	127,582	57,385	47,883	38,228	42,845	0	1,768,713
(6) Small C&I	93,411	258,466	382,779	502,073	378,396	231,666	123,019	51,654	42,985	37,746	35,426	81,581	2,219,202
(7) Medium C&I	157,051	375,818	474,276	582,551	463,274	320,836	226,030	110,177	95,349	92,815	92,201	135,356	3,125,731
(8) Large LLF	28,156	81,584	94,784	142,136	98,874	67,721	43,173	11,457	16,671	6,924	12,113	25,105	628,696
(9) Large HLF (10) Extra Large LLF	15,573 1,319	26,551 2,843	26,488 2,819	32,869 4,662	38,133 4,487	13,824 2,922	23,984 1,423	20,723 546	13,613 227	11,866 292	14,231 158	19,309 3,554	257,164 25,250
(11) Extra Large HLF	9,675	13,036	12,160	7,987	21,793	11,142	12,574	13,924	13,047	10,932	16,041	8,931	151,241
(12) Total SALES	1,301,105	3,097,217	4,090,805	5,138,281	3,942,023	2,796,315	1,672,685	755,779	629,925	530,509	574,206	931,040	25,459,889
(13) <b>TSS</b>													
(14) Small	47	479	2,289	3,377	1,553	1,956	1,200	372	81	64	5	0	11,423
(15) Medium	2,395	4,154	9,175	14,808	12,957	11,366	6,301	1,084	201	644	712	0	63,796
(16) Large LLF	405	1,361	1,124	6,224	4,630	3,998	1,444	(1,025)	0	11	546	0	18,717
(17) Large HLF	830	1,562	1,770	3,694	2,946	(5,185)	473	0	0	0	(1,483)	0	4,606
(18) Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
(19) Extra Large HLF (20) Total TSS	<u>0</u> 3,677	<u>0</u> 7,556	<u>0</u> 14,358	0 28,103	0 22,085	<u>0</u> 12,134	<u>0</u> 9,417	<u>0</u> 431	<u>0</u> 281	<u>0</u> 720	<u>0</u> (221)	<u>0</u> 0	98,541
* *	3,077	7,550	14,556	20,103	22,003	12,134	),417	431	201	720	(221)	Ü	70,541
(21) Sales & TSS THROUGHPUT (22) Residential Non-Heating	17,050	27,945	34,833	42,634	34,760	30,192	21,541	12,803	12,571	10,255	10,833	12,706	268,124
(23) Residential Non-Heating Low Income	1,445	2,347	2,871	3,610	2,822	2,649	1,870	1,122	1,029	859	972	12,700	21,596
(24) Residential Heating	876,018	2,090,016	2,779,726	3,457,289	2,623,099	1,899,517	1,091,490	475,988	386,551	320,592	349,386	644,498	16,994,170
(25) Residential Heating Low Income	101,407	218,612	280,070	362,471	276,386	215,846	127,582	57,385	47,883	38,228	42,845	0	1,768,713
(26) Small C&I	93,458	258,945	385,068	505,450	379,949	233,622	124,219	52,026	43,066	37,810	35,431	81,581	2,230,625
(27) Medium C&I	159,446	379,971	483,450	597,358	476,231	332,201	232,330	111,261	95,550	93,459	92,912	135,356	3,189,527
(28) Large LLF (29) Large HLF	28,560 16,404	82,945 28,113	95,908 28,258	148,360 36,563	103,504 41,078	71,718 8,639	44,617 24,457	10,432 20,723	16,671 13,613	6,935 11,866	12,659 12,747	25,105 19,309	647,413 261,770
(30) Extra Large LLF	1,319	2,843	2,819	4,662	4,487	2,922	1,423	546	227	292	158	3,554	25,250
(31) Extra Large HLF	9,675	13,036	12,160	7,987	21,793	11,142	12,574	13,924	13,047	10,932	16,041	8,931	151,241
(32) Total SALES & TSS THROUGHPUT	1,304,782	3,104,773	4,105,163	5,166,383	3,964,108	2,808,450	1,682,102	756,210	630,206	531,229	573,985	931,040	25,558,429
(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	36,028	78,189	77,145	110,056	58,104	51,615	25,079	13,531	13,543	17,947	16,319	16,899	514,456
(36) FT-1 Large LLF	57,441	152,925	132,303	208,845	91,761	88,069	29,759	1,360	8,553	13,354	6,231	19,546	810,146
(37) FT-1 Large HLF	26,635	44,169	36,279	56,326	25,455	36,835	17,598	23,289	20,795	17,685	29,398	36,865	371,330
(38) FT-1 Extra Large LLF (39) FT-1 Extra Large HLF	73,507 470,231	193,626 516,587	178,365 574,697	247,104 600,503	168,286 446,653	102,757 508,352	52,212 374,374	2 406,982	(3,096) 410,095	17,947 418,323	14,947 408,593	30,497 436,845	1,076,154 5,572,234
(40) Default	2,679	9,958	8,689	9,162	6,638	5,854	3,193	1,188	(758)	1,634	1,281	0	49,518
(41) TOTAL FT-1 TRANSPORTATION	666,521	995,454	1,007,478	1,231,995	796,897	793,482	502,215	446,352	449,132	486,890	476,770	540,652	8,393,838
FT-2 TRANSPORTATION													
(42) FT-2 Small	9,067	21,364	27,096	35,733	26,411	17,705	11,512	5,483	3,443	2,144	1,318	6,268	167,542
(43) FT-2 Medium	93,812	207,302	252,893	302,223	242,759	182,988	131,377	78,363	49,911	48,427	47,461	80,110	1,717,626
(44) FT-2 Large LLF	69,890	188,731	242,227	259,945	239,790	165,695	96,373	38,131	19,809	16,869	20,606	56,539	1,414,604
(45) FT-2 Large HLF	31,276	61,593	59,934	68,295	59,079	50,341	44,065	28,314	32,323	32,425	24,185	37,387	529,215
(46) FT-2 Extra Large LLF	2,677	8,497	10,128	12,706	11,432	8,600	4,574	1,691	539	612	5,047	1,175	67,677
(47) FT-2 Extra Large HLF (48) TOTAL FT-2 TRANSPORTATION	36,594 243,316	56,374 543,860	43,304 635,582	49,724 728,626	45,212 624,682	39,493 464,821	40,133 328,035	30,352 182,333	34,213 140,238	24,781 125,257	19,756 118,373	39,715 221,194	459,651 4,356,316
	2.3,310	3.3,000	033,502	720,020	021,002	101,021	320,033	102,555	1.0,230	123,237	110,575	221,121	1,000,010
(49) <u>Total THROUGHPUT</u> (50) Residential Non-Heating	17,050	27.945	34.833	42,634	34,760	30,192	21,541	12,803	12,571	10,255	10,833	12,706	268,124
(51) Residential Non-Heating Low Income	1,445	2,347	2,871	3,610	2,822	2,649	1,870	1,122	1,029	859	972	0	21,596
(52) Residential Heating	876,018	2,090,016	2,779,726	3,457,289	2,623,099	1,899,517	1,091,490	475,988	386,551	320,592	349,386	644,498	16,994,170
(53) Residential Heating Low Income	101,407	218,612	280,070	362,471	276,386	215,846	127,582	57,385	47,883	38,228	42,845	0	1,768,713
(54) Small C&I	102,525	280,309	412,164	541,183	406,360	251,327	135,731	57,509	46,509	39,954	36,750	87,848	2,398,168
(55) Medium C&I	289,286	665,462	813,488	1,009,638	777,094	566,804	388,787	203,155	159,004	159,833	156,693	232,366	5,421,609
(56) Large LLF (57) Large HLF	155,891 74,314	424,600 133,875	470,438 124,472	617,149 161,184	435,055 125,613	325,482 95,815	170,748 86,120	49,923 72,325	45,033 66,730	37,157 61,976	39,496 66,330	101,189 93,561	2,872,163 1,162,315
(58) Extra Large LLF	77,503	204,965	191,311	264,471	184,204	114,279	58,209	2,238	(2,330)	18,851	20,152	35,226	1,169,081
(59) Extra Large HLF	516,500	585,997	630,162	658,213	513,658	558,987	427,080	451,258	457,355	454,036	444,390	485,491	6,183,126
(60) Default	2,679	9,958	8,689	9,162	6,638	<u>5,854</u>	3,193	1,188	(758)	1,634	1,281	<u>0</u>	49,518
(61) TOTAL THROUGHPUT	2,214,619	4,644,087	5,748,222	7,127,004	5,385,688	4,066,752	2,512,352	1,384,895	1,219,576	1,143,375	1,169,127	1,692,886	38,308,583