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Also admitted in Massachusetts

February 17, 2023

## VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket No. 22-20-NG - Gas Cost Recovery ("GCR") Filing Monthly Report of GCR Deferred Balances

Dear Ms. Massaro:

On behalf of Rhode Island Energy,<sup>1</sup> 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 2022 through October 2023. Based on three months of actual data and nine months of projected data, the projected deferred gas cost balance at the end of October 2023 is an under-recovery of approximately \$9.6 million (*see* attached Schedule 1, page 1). This calculation is based on the November 1, 2022 starting under-recovery balance of \$22.3 million<sup>2</sup> plus actual gas costs and gas cost revenue for November 2022 through January 2023, and projected gas costs and gas cost revenue for February through October 2023.

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 2022 through January 2023, and projected gas costs for February through October 2023. Schedule 3 summarizes actual and estimated gas cost revenue for the period November 1, 2022 through October 31, 2023. Schedule 4 shows the calculation of

<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, 2022 filed on November 18, 2022 in Docket No. 5180.

# Robinson+Cole

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working capital. Schedule 5 presents the calculation of inventory finance charges. Schedule 6 presents customer class specific throughput.

The projected deferred under-recovery balance at the end of October 2023 of \$9.6 million is an increase of approximately \$0.3 million compared to the projected deferred under-recovery balance of \$9.3 million from last month's deferred balance report. The \$0.3 million increase in the projected deferred balance is due to an increase of \$4.6 million in actual gas cost for January 2023 and a decrease of \$1.0 million in GCR revenue for January 2023, partially offset by a decrease of \$3.1 million in forecasted gas costs for the period February through October 2023 and an increase of \$2.2 million in Natural Gas Portfolio Management Plan ("NGPMP") credits.

The projected deferred under-recovery balance at the end of October 2023 of \$9.6 million represents approximately 5.5 percent of the Company's projected 2022-23 annual GCR revenue, which does not materially exceed 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). The Company is not proposing to revise its GCR factors at this time as the projected deferred balance is not materially above the 5 percent threshold and intends to defer recovery of the projected deferred balance until the 2023-2024 Gas Cost Recovery filing to be submitted by September 1, 2023.

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. 22-20-NG Service List Leo Wold, Esq. Al Mancini John Bell

## <u>Certificate of Service</u>

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

February 17, 2023
Date

# Docket No. 22-20-NG – The Narragansett Electric Co. d/b/a Rhode Island Energy – 2022 Annual Gas Cost Recovery Filing (GCR) Service List as of 10/5/22

Name/Address	E-mail	Phone
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	<u> </u>	
James Crowley, Esq.	jcrowley@clf.org;	
Conservation Law Foundation		

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

	Description	Reference													
			Nov Actual	<u>Dec</u> Actual	<u>Jan</u> Actual	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
(1)	# of Days in Month		30	31	31	28	31	30	31	30	31	31	30	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
(2)	I. Fixed Cost Deferred														
(3)	Beginning Under/(Over) Recovery		\$2,214,588	\$3,247,372	\$43,301	(\$5,818,191)	(\$14,685,590)	(\$19,593,074)	(\$23,708,401)	(\$22,248,714)	(\$19,573,909)	(\$16,341,668)	(\$12,978,572)	(\$9,440,798)	\$2,214,588
(4)	Supply Fixed Costs (net of cap rel)	Sch. 2, line (31)	\$6,555,852	\$9,981,582	\$9,827,431	\$24,682,083	\$24,682,083	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,702,073	\$6,702,073	\$121,629,743
(5)	Supply Related System Pressure to DAC		(\$190,144)	(\$1,727,606)	(\$1,544,395)	(\$16,864,218)	(\$16,864,218)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$38,228,044)
(6)	Supply Related LNG O & M	Dkt 4770	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$829,823
(7)	NGPMP Credits		(\$970,562)	(\$3,181,469)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$13,857,649)
(8)	Working Capital	Sch. 4, line (15)	\$46,317	\$60,057	\$60,268	\$56,883	\$56,883	\$46,211	\$46,211	\$46,211	\$46,211	\$46,211	\$47,686	\$47,686	\$606,837
(9) (10)	Total Supply Fixed Costs	Sum[(4):(8)] Sch. 3, line (10)	\$5,510,615 \$4,488,919	\$5,201,715 \$8,413,140	\$7,441,894 \$13,289,930	\$6,973,339 \$15,795,687	\$6,973,339 \$11,797,326	\$5,495,905 \$9,509,152	\$5,495,905 \$3,924,274	\$5,495,905 \$2,722,506	\$5,495,905 \$2,176,180	\$5,495,905 \$2,061,390	\$5,700,140 \$2,109,514	\$5,700,140 \$2,667,800	\$70,980,711 \$78,955,818
(11)	Supply Fixed - Revenue Monthly Under/(Over) Recovery	(9) - (10)	\$1,021,696	(\$3,211,425)	(\$5,848,035)	(\$8,822,348)	(\$4,823,987)	(\$4,013,247)	\$3,924,274 \$1,571,631	\$2,773,399	\$3,319,725	\$3,434,515	\$3,590,626	\$3,032,340	(\$7,975,107)
(12)	Prelim. Ending Under/(Over) Recovery	(3) + (11)	\$3,236,284	\$35,947	(\$5,804,735)	(\$14,640,539)	(\$19,509,577)	(\$23,606,320)	(\$22,136,770)	(\$19,475,314)	(\$16,254,183)	(\$12,907,152)	(\$9,387,945)	(\$6,408,457)	(\$5,760,520)
(13)	Month's Average Balance	$[(3) + (12)] \div 2$	\$2,725,436	\$1,641,660	(\$2,880,717)	(\$10,229,365)	(\$17,097,583)	(\$21,599,697)	(\$22,922,585)	(\$20,862,014)	(\$17,914,046)	(\$14,624,410)	(\$11,183,258)	(\$7,924,627)	(05,700,520)
(14)	Interest Rate (BOA Prime minus 200 bps)	[(*) ()] -	4.95%	5.27%	5.50%	5.74%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	
(15)	Interest Applied	$[(13) \times (14)] \div 365 \times (1)$	\$11,088	\$7,354	(\$13,456)	(\$45,051)	(\$83,497)	(\$102,081)	(\$111,944)	(\$98,594)	(\$87,484)	(\$71,419)	(\$52,852)	(\$38,700)	(\$686,638)
(16)	Marketer Reconcilation	Dkt 4963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(17)	FIXED ENDING UNDER/(OVER) RECOVERY	(12) + (15) + (16)	\$3,247,372	\$43,301	(\$5,818,191)	(\$14,685,590)	(\$19,593,074)	(\$23,708,401)	(\$22,248,714)	(\$19,573,909)	(\$16,341,668)	(\$12,978,572)	(\$9,440,798)	(\$6,447,158)	(\$6,447,158)
(18)	II. Variable Cost Deferred														
(19)	Beginning Under/(Over) Recovery		\$20,040,486	\$22,826,840	\$30,527,671	\$32,371,919	\$24,926,630	\$21,272,621	\$15,833,509	\$14,755,334	\$14,301,886	\$14,029,160	\$14,058,458	\$14,316,081	\$20,040,486
(20)	Variable Supply Costs	Sch. 2, line (85)	\$7,800,061	\$17,711,836	\$18,415,721	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$88,514,873
(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)	\$31,604	\$34,185	\$47,689	\$40,276	\$39,086	\$39,149	\$38,733	\$37,640	\$36,510	\$35,380	\$37,956	\$38,215	\$456,424
(24)	Inventory Financing - UG	Sch. 5, line (12)	\$42,143	\$50,312	\$67,781	\$85,443	\$75,303	\$80,603	\$86,276	\$88,425	\$88,425	\$88,425	\$96,843	\$104,447	\$954,428
(25)	Working Capital	Sch. 4, line (30)	\$56,754	\$128,873	\$133,994	\$85,547	<u>\$76,687</u>	\$43,095	\$23,821	\$17,417	\$13,730	\$14,871	\$16,904	\$32,349	\$644,041
(26)	Total Supply Variable Costs	Sum[(20):(25)]	\$7,955,749	\$17,950,392	\$18,690,372	\$11,993,726	\$10,755,805	\$6,110,844	\$3,447,899	\$2,562,468	\$2,050,810	\$2,207,692	\$2,500,178	\$4,646,074	\$90,872,010
(27)	Supply Variable - Revenue Monthly Under/(Over) Recovery	Sch. 3, line (24)	\$5,272,974 \$2,682,775	\$10,368,794 \$7,581,598	\$16,992,691 \$1,697,681	\$19,564,912 (\$7,571,186)	\$14,522,348 (\$3,766,543)	\$11,637,431 (\$5,526,587)	\$4,600,584 (\$1,152,685)	\$3,084,417 (\$521,949)	\$2,392,545 (\$341,735)	\$2,246,811 (\$39,119)	\$2,309,447 \$190,731	\$3,013,402 \$1,632,672	\$96,006,356 (\$5,134,346)
(28) (29)	Prelim. Ending Under/(Over) Recovery	(26) - (27) (19) + (28)	\$2,082,773	\$30,408,438	\$32,225,352	\$24,800,733	\$21,160,087	\$15,746,034	\$14,680,825	\$14,233,385	\$13,960,151	\$13,990,042	\$14,249,189	\$1,632,672 \$15,948,753	(\$5,134,346) \$14,906,140
(30)	Month's Average Balance	[(19) + (29)] ÷ 2	\$21,381,874	\$26,617,639	\$31,376,511	\$28,586,326	\$23,043,359	\$18,509,327	\$15,257,167	\$14,494,359	\$14,131,018	\$14,009,601	\$14,153,824	\$15,132,417	\$14,500,140
(31)	Interest Rate (BOA Prime minus 200 bps)	[(15) - (25)] - 2	4.95%	5.27%	5,50%	5.74%	5,75%	5.75%	5.75%	5.75%	5.75%	5,75%	5,75%	5.75%	
(32)	Interest Applied	$[(30) \times (31)] \div 365 \times (1)$	\$86,992	\$119,232	\$146,567	\$125,897	\$112,534	\$87,476	\$74,509	\$68,501	\$69,010	\$68,417	\$66,891	\$73,900	\$1,099,926
(33)	Gas Procurement Incentive/(penalty)	2. 7 . 72	\$16,587	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,587
(34)	VARIABLE ENDING UNDER/(OVER) RECOVERY	(29) + (32) + (33)	\$22,826,840	\$30,527,671	\$32,371,919	\$24,926,630	\$21,272,621	\$15,833,509	\$14,755,334	\$14,301,886	\$14,029,160	\$14,058,458	\$14,316,081	\$16,022,653	\$16,022,653
(33)	GCR Deferred Summary														
(34)	Beginning Under/(Over) Recovery	(3) + (19)	\$22,255,074	\$26,074,213	\$30,570,971	\$26,553,728	\$10,241,040	\$1,679,547	(\$7,874,892)	(\$7,493,380)	(\$5,272,023)	(\$2,312,508)	\$1,079,887	\$4,875,283	\$22,255,074
(35)	Gas Costs	Sum[(4):(6),(16),(20):(22)]	\$14,260,107	\$26,060,151	\$26,793,096	\$19,669,478	\$18,451,746	\$12,368,253	\$9,719,325	\$8,839,241	\$8,332,401	\$8,489,272	\$8,971,490	\$11,094,079	\$173,048,640
(36)	Inventory Finance	(23) + (24)	\$73,748	\$84,497	\$115,470	\$125,719	\$114,390	\$119,752	\$125,009	\$126,065	\$124,935	\$123,805	\$134,800	\$142,662	\$1,410,851
(37)	Working Capital	(8) + (25)	\$103,071	\$188,929	\$194,262	\$142,430	\$133,570	\$89,306	\$70,032	\$63,629	\$59,941	\$61,082	\$64,591	\$80,035	\$1,250,879
(38)	NGPMP Credits	(7)	(\$970,562)	(\$3,181,469)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$970,562)	(\$13,857,649)
(39)	Total Costs	Sum[(35):(38)]	\$13,466,364	\$23,152,107	\$26,132,266	\$18,967,066	\$17,729,144	\$11,606,749	\$8,943,805	\$8,058,373	\$7,546,715	\$7,703,598	\$8,200,318	\$10,346,215	\$161,852,721
(40)	Revenue	(10) + (27)	\$9,761,893	\$18,781,935	\$30,282,621	\$35,360,599	\$26,319,674	\$21,146,583	\$8,524,858	\$5,806,923	\$4,568,725	\$4,308,201	\$4,418,961	\$5,681,202	\$174,962,174
(41)	Monthly Under/(Over) Recovery	(39) - (40)	\$3,704,472	\$4,370,173	(\$4,150,354)	(\$16,393,533)	(\$8,590,530)	(\$9,539,834)	\$418,947	\$2,251,450	\$2,977,990	\$3,395,397	\$3,781,357	\$4,665,013	(\$13,109,453)
(42)	Prelim. Ending Under/(Over) Recovery	(34) + (41)	\$25,959,545	\$30,444,385	\$26,420,617	\$10,160,194	\$1,650,511	(\$7,860,287)	(\$7,455,945)	(\$5,241,930)	(\$2,294,033)	\$1,082,889	\$4,861,244	\$9,540,296	(,)
(43)	Month's Average Balance	[(34) + (42)] ÷ 2	\$24,107,309	\$28,259,299	\$28,495,794	\$18,356,961	\$5,945,775	(\$3,090,370)	(\$7,665,419)	(\$6,367,655)	(\$3,783,028)	(\$614,809)	\$2,970,565	\$7,207,789	
(44)	Interest Rate (BOA Prime minus 200 bps)		4.95%	5.27%	5.50%	5.74%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	
(45)	Interest Applied	(15) + (32)	\$98,080	\$126,586	\$133,110	\$80,846	\$29,037	(\$14,605)	(\$37,435)	(\$30,094)	(\$18,475)	(\$3,002)	\$14,039	\$35,200	\$413,288
(46)	Gas Purchase Plan Incentives/(Penalties)	(33)	\$16,587	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,587
(47)	ENDING UNDER/(OVER) RECOVERY W/ INTEREST	(42) + (45) + (46)	\$26,074,213	\$30,570,971	\$26,553,728	\$10,241,040	\$1,679,547	(\$7,874,892)	(\$7,493,380)	(\$5,272,023)	(\$2,312,508)	\$1,079,887	\$4,875,283	\$9,575,495	\$9,575,495

## **Supply Estimates Actuals for Filing**

			Nov Actual	Dec Actual	<u>Jan</u> Actual	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
	<u>Description</u>	Reference													
(1)	SUPPLY FIXED COSTS - Pipeline Delivery														
(2)	Dracut		\$69,542	\$80,948	\$69,542	\$80,948	\$80,948	\$80,948	\$80,948	\$80,948	\$80,948	\$80,948	\$80,948	\$80,948	\$948,563
(3)			\$262,800	\$262,800	\$262,800	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$2,687,532
(4)			\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$6,499	\$77,983
(5)			\$927,625	\$933,474	\$933,474	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$9,676,120
(6)			\$8,844	\$9,002	\$9,002	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$111,722
(7)			\$658,026	\$641,056	\$657,907	\$610,919	\$610,919	\$610,919	\$610,919	\$610,919	\$610,919	\$610,919	\$610,919	\$610,919	\$7,455,256
(8)	TETCO SCT Long Haul		\$33,064	\$33,049	\$33,049	\$21,767	\$21,767	\$21,767	\$21,767	\$21,767	\$21,767	\$21,767	\$21,767	\$21,767	\$295,065
(9)			\$320,817	\$320,817	\$320,817	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$2,103,563
(10)	TETCO CDS Long Haul		\$1,763,446	\$1,762,739	\$1,762,757	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$1,219,732	\$16,266,534
	) Dominion		\$9,190	\$9,190	\$8,595	\$8,693	\$8,693	\$8,693	\$8,693	\$8,693	\$8,693	\$8,693	\$8,693	\$8,693	\$105,214
(12)	Dawn via Waddington		\$10,988	\$10,988	\$10,988	\$24,095	\$24,095	\$24,095	\$24,095	\$24,095	\$24,095	\$24,095	\$24,095	\$24,095	\$249,814
(13)	Dawn via PNGTS		\$1,243,828	\$1,318,736	\$1,292,188	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$1,083,260	\$13,604,094
(14)	TGP Long Haul		\$534,020	\$534,037	\$534,020	\$439,122	\$439,122	\$439,122	\$439,122	\$439,122	\$439,122	\$439,122	\$439,122	\$439,122	\$5,554,173
(15)	TGP ConneXion		\$264,274	\$264,274	\$264,274	\$217,297	\$217,297	\$217,297	\$217,297	\$217,297	\$217,297	\$217,297	\$217,297	\$217,297	\$2,748,490
(16)	) Beverly		\$46,380	\$47,926	\$47,926	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$565,448
(17)	) AMA Credits		(\$100,883)	(\$116,029)	(\$117,740)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$1,491,065)
(18)	Less Credits from Mkter Releases*		(\$1,226,112)	(\$1,286,684)	(\$1,179,025)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,691,821)
(19)	STORAGE FIXED COSTS - Facilities														
(20)	) Columbia FSS		\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$193,457
(21)	) Dominion GSS		\$70,310	\$70,310	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$57,356	\$714,179
(22)	) Dominion GSSTE		\$90,615	\$90,615	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$73,909	\$920,323
(23)	Exeter LNG		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(24)	Providence LNG		\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$3,486,240
(25)	Tennessee FSMA		\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$40,895	\$490,738
(26)	Tetco FSS1		\$3,666	\$3,670	\$3,664	\$3,601	\$3,601	\$3,601	\$3,601	\$3,601	\$3,601	\$3,601	\$3,601	\$3,601	\$43,408
(27)	Tetco SS1		\$172,094	\$172,153	\$172,050	\$147,913	\$147,913	\$147,913	\$147,913	\$147,913	\$147,913	\$147,913	\$147,913	\$147,913	\$1,847,513
(28)	STORAGE FIXED COSTS - Delivery														
(29)	Storage Delivery		\$422,725	\$422,701	\$414,525	\$486,147	\$486,147	\$442,077	\$442,077	\$442,077	\$442,077	\$442,077	\$442,077	\$442,077	\$5,326,786
(30)	Confidential Pipeline and Peaking Supplies		\$616,559	\$4,041,778	\$3,841,320	\$18,822,905	\$18,822,905	\$684,204	\$684,204	\$684,204	\$684,204	\$684,204	\$886,964	\$886,964	\$51,340,415
(31)	TOTAL FIXED COSTS	Sum[(2):(30)]	\$6,555,852	\$9,981,582	\$9,827,431	\$24,682,083	\$24,682,083	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,702,073	\$6,702,073	\$121,629,743

## **Supply Estimates Actuals for Filing**

			Nov Actual (a)	<u>Dec</u> 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 (1)	Nov-Oct (m)
	<u>Description</u>	Reference													
(33) (34) (35) (36) (37) (37) (38) (19) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (19) (50) (51) (51) (51)	VARIABLE COMMODITY COSTS  AGT Citygate AIM at Ramapo Dawn via IGTS Dawn via PNGTS Dominion SP Millennium Niagara TCO Appalachia Tetco M3 Transco Leidy Waddington Tetco M2 CDS Tetco M2 SCT TGP Z4 Cnx TGP Z4 LH Proposed Summer Refill Beverly Confidential Pipeline and Peaking Supplies Variable Transportation Costs Total Pipeline Commodity Charges	Sum[(33):(51)]	\$11,065,193	\$26,795,340	\$20,614,755	\$0 \$0 \$0 \$351,975 \$377,464 \$510,436 \$4,511 \$2,296,940 \$0 \$0 \$2,563,353 \$48,885 \$599,726 \$0 \$0 \$0 \$388,435 \$7,661,462	\$0 \$57,060 \$0 \$106,353 \$33,978 \$462,941 \$14,467 \$2,113,390 \$792,807 \$35,286 \$0 \$2,320,823 \$21,164 \$596,698 \$1,216,916 \$0 \$0 \$351,393 \$8,123,277	\$0 \$7,157 \$0 \$1,148 \$34,258 \$466,758 \$2,471 \$628,644 \$80,811 \$5,454 \$0 \$2,322,245 \$0 \$615,203 \$1,456,026 \$0 \$0 \$332,159 \$5,952,335	\$0 \$0 \$0 \$0 \$35,908 \$489,237 \$22,641 \$117,862 \$115,748 \$4,745 \$0 \$1,896,639 \$0 \$529,798 \$49,113 \$0 \$0 \$193,482 \$3,455,174	\$0 \$0 \$0 \$3,977 \$517,430 \$79,871 \$12,600 \$0 \$5,052 \$0 \$996,187 \$0 \$325,933 \$0 \$0 \$78,477 \$2,053,526	\$0 \$0 \$0 \$2,189 \$574,813 \$84,674 \$0 \$5,593 \$0 \$660,569 \$0 \$87,716 \$0 \$0 \$0 \$5,293 \$0 \$1,507,824	\$0 \$0 \$0 \$1,918 \$571,122 \$84,139 \$0 \$5,693 \$0 \$1100,257 \$0 \$0 \$55,680 \$100,257	\$0 \$0 \$0 \$34,209 \$466,089 \$0 \$78,336 \$7,848 \$4,621 \$0 \$1,903,496 \$0 \$600,651 \$3,619 \$0 \$0 \$346,539 \$3,445,408	\$0 \$9,750 \$0 \$21,761 \$476,550 \$0 \$54,539 \$1,022,420 \$3,085 \$0 \$2,251,774 \$0 \$580,655 \$195,319 \$0 \$0 \$261,582 \$4,877,435	\$0 \$73,967 \$0 \$459,476 \$319,662 \$4,535,376 \$292,774 \$5,302,310 \$2,019,634 \$119,970 \$0 \$15,627,163 \$70,049 \$4,036,635 \$3,730,293 \$0 \$0 \$2,060,017 \$97,122,614
(54) 1 (55) 1	INJECTIONS & HEDGING IMPACT Hedging Refunds Less: Costs of Injections		(\$4,568,132) \$0 <u>\$0</u>	(\$11,904,545) \$0 <u>\$0</u>	(\$7,011,407) \$0 <u>\$0</u>	(\$1,064,961) \$0 <u>\$0</u>	\$731,095 \$0 <u>\$0</u>	\$768,157 \$0 (\$1,099,392)	\$600,663 \$0 (\$952,198)	\$497,303 \$0 (\$319,685)	\$211,059 \$0 <u>\$0</u>	\$304,869 \$0 <u>\$0</u>	\$513,274 \$0 (\$1,789,178)	\$737,999 \$0 (\$1,381,172)	(\$20,184,627) \$0 (\$5,541,625)
(57)	TOTAL VARIABLE SUPPLY COSTS	Sum[(52):(56)]	\$6,497,061	\$14,890,795	\$13,603,348	\$6,596,502	\$8,854,372	\$5,621,100	\$3,103,638	\$2,231,144	\$1,718,883	\$1,875,753	\$2,169,504	\$4,234,262	\$71,396,362
(59)	VARIABLE STORAGE COSTS Underground Storage LNG Withdrawals and Trucking		\$1,182,958 \$132,792	\$2,941,957 \$284,059	\$2,703,407 \$212,684	\$4,365,385 \$795,387	\$1,508,265 \$176,905	\$132,168 \$169,541	\$0 \$170,244	\$0 \$162,654	\$0 \$168,076	\$0 \$168,076	\$0 \$153,783	\$63,793 \$147,822	\$12,897,932 \$2,742,022
(61)	TOTAL VARIABLE STORAGE COSTS	Sum[(59):(60)]	\$1,315,750	\$3,226,015	\$2,916,091	\$5,160,772	\$1,685,169	\$301,710	\$170,244	\$162,654	\$168,076	\$168,076	\$153,783	\$211,615	\$15,639,954
(62)	TOTAL VARIABLE COSTS	(57) + (61)	\$7,812,811	\$18,116,811	\$16,519,439	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$87,036,316
(63)	TOTAL SUPPLY COSTS	(31) + (62)	\$14,368,664	\$28,098,393	\$26,346,870	\$36,439,357	\$35,221,625	\$12,422,123	\$9,773,195	\$8,893,111	\$8,386,271	\$8,543,142	\$9,025,360	\$11,147,949	\$208,666,059

## **Supply Estimates Actuals for Filing**

		Nov	<u>Dec</u>	Jan Antoni	<u>Feb</u>	Mar	Apr	May	<u>Jun</u>	<u>Jul</u>	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)	(m)
~		. ,	. ,		. ,			(0)			<b>0</b> /			` ′
<u>Description</u>	Reference													
(64) Storage Costs for FT-2 Calculation														
(65) Storage Fixed Costs - Facilities		\$684,222	\$684,284	\$654,515	\$630,315	\$630,315	\$630,315	\$630,315	\$630,315	\$630,315	\$630,315	\$630,315	\$630,315	\$7,695,858
(66) Storage Fixed Costs - Deliveries		\$933,184	\$4,358,378	\$4,151,081	\$19,160,905	\$19,160,905	\$978,135	\$978,135	\$978,135	\$978,135	\$978,135	\$1,180,895	\$1,180,895	\$55,016,917
(67) Sub-Total Storage Costs	Sum[(65):(66)]	\$1,617,405	\$5,042,662	\$4,805,595	\$19,791,221	\$19,791,221	\$1,608,450	\$1,608,450	\$1,608,450	\$1,608,450	\$1,608,450	\$1,811,210	\$1,811,210	\$62,712,775
(68) Tennessee Dracut for Peaking		\$132,681	\$144,087	\$132,681	\$182,133	\$182,133	\$182,133	\$182,133	\$182,133	\$182,133	\$182,133	\$182,133	\$182,133	\$2,048,647
(69) Inventory Financing		\$73,748	\$84,497	\$115,470	\$125,719	\$114,390	\$119,752	\$125,009	\$126,065	\$124,935	\$123,805	\$134,800	\$142,662	\$1,410,851
(70) Supply Related LNG O&M Costs		\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$829,823
(71) Working Capital Requirement		\$10,385	\$24,121	\$23,729	\$21,297	\$21,297	\$10,625	\$10,625	\$10,625	\$10,625	\$10,625	\$12,100	\$12,100	\$178,153
(72) TOTAL FT-2 STORAGE FIXED COSTS	Sum[(67):(71)]	\$1,903,371	\$5,364,519	\$5,146,627	\$20,189,521	\$20,178,192	\$1,990,112	\$1,995,369	\$1,996,425	\$1,995,295	\$1,994,165	\$2,209,395	\$2,217,257	\$67,180,249
(73) System Storage MDQ (Dth)		202,293	201,844	202,909	177,003	177,003	177,003	177,003	177,003	177,003	177,003	177,003	177,003	2,200,073
(74) FT-2 Storage Cost per MDQ (Dth)	(72) ÷ (73)	\$9.4090	\$26.5776	\$25.3642	\$114.0632	\$113.9992	\$11.2434	\$11.2731	\$11.2790	\$11.2727	\$11.2663	\$12.4822	\$12.5267	\$30.5355
(75) Pipeline Variable	(62)	\$7,812,811	\$18,116,811	\$16,519,439	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$87,036,316
(76) Less Non-firm Gas Costs	(02)	(\$147,602)	(\$462,030)	\$295,877	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$313,755)
(77) Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(78) Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(79) Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(80) Less Mkter Withdrawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(81) Mkter Over-takes/Undertakes		\$135,863	\$29,358	\$1,609,009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,774,231
(82) Marketer Reconciliation Surcharge		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(83) Plus Pipeline Srchg/Credit		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(84) Less Mkter FT-2 Daily weather true-up		(\$1,012)	\$27,697	(\$8,604)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,081
(85) TOTAL FIRM COMMODITY COSTS	Sum[(75):(84)]	\$7,800,061	\$17,711,836	\$18,415,721	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$88,514,873

## **GCR Revenue**

		Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	<u>Jul</u> Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct
<u>Description</u>	Reference	(u)	(0)	(0)	(u)	(c)	(1)	(8)	(11)	(1)	0)	(K)	(1)	(111)
(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)	1,452,468 \$2.8438 \$4,130,583	2,674,187 \$2.9702 \$7,942,998	4,283,708 \$2.9764 \$12,749,869	5,150,730 \$2.9687 \$15,290,974	3,818,312 \$2.9687 \$11,335,423	3,055,050 \$2.9687 \$9,069,527	1,188,030 \$2.9687 \$3,526,906	788,045 \$2.9687 \$2,339,471	608,568 \$2.9687 \$1,806,656	571,185 \$2.9687 \$1,695,677	585,472 \$2.9687 \$1,738,092	771,634 \$2.9687 \$2,290,749	24,947,391 \$73,916,925
(5) (b) High Load dth (6) Fixed Cost Factor (7) High Load Revenue	Sch. 6, Sum[(22), (23), (29), (31)] (7) ÷ (5)	57,628 \$2.1285 \$122,658	76,988 \$2.2946 \$176,656	103,793 \$2.3607 \$245,026	91,603 \$2.2875 \$209,542	72,888 \$2.2875 \$166,732	63,149 \$2.2875 \$144,454	44,676 \$2.2875 \$102,197	38,411 \$2.2875 \$87,864	32,504 2.2875 \$74,353	30,838 2.2875 \$70,542	33,334 2.2875 \$76,251	35,795 2.2875 \$81,880	681,605 \$1,558,154
(8) Sub-total throughput Dth	(2) + (5)	1,510,096	2,751,175	4,387,501	5,242,333	3,891,200	3,118,199	1,232,706	826,456	641,072	602,023	618,806	807,428	25,628,997
(9) FT-2 Storage Revenue from marketers		\$235,679	\$293,486	\$295,035	\$295,171	\$295,171	\$295,171	\$295,171	\$295,171	\$295,171	\$295,171	\$295,171	\$295,171	\$3,480,739
(10) TOTAL FIXED REVENUE	(4) + (7) + (9)	\$4,488,919	\$8,413,140	\$13,289,930	\$15,795,687	\$11,797,326	\$9,509,152	\$3,924,274	\$2,722,506	\$2,176,180	\$2,061,390	\$2,109,514	\$2,667,800	\$78,955,818
(11) II. Variable Cost Revenue														
(12) (a) Firm Sales dth (13) Variable Supply Cost Factor (14) Variable Supply Revenue	(8) (14) ÷ (12)	1,510,096 \$3.4698 \$5,239,692	2,751,175 \$3.7284 \$10,257,480	4,387,501 \$3.7443 \$16,428,257	5,242,333 \$3.7321 \$19,564,912	3,891,200 \$3.7321 \$14,522,348	3,118,199 \$3.7321 \$11,637,431	1,232,706 \$3.7321 \$4,600,584	826,456 \$3.7321 \$3,084,417	641,072 \$3.7321 \$2,392,545	602,023 \$3.7321 \$2,246,811	618,806 \$3.7321 \$2,309,447	807,428 \$3.7321 \$3,013,402	25,628,997 \$95,297,326
(15) (b) TSS Sales dth (16) TSS Surcharge Factor (17) TSS Surcharge Revenue	Sch. 6, line (20) Company's website (16) x (17)	3,322 \$0.5520 \$1,834	8,481 \$1.9190 \$16,274	69,307 \$0.0000 \$0										81,110 \$18,108
(18) (c) Default Sales dth (19) Variable Supply Cost Factor (20) Variable Supply Revenue	Sch. 6, line (60) (20) ÷ (18)	4,120 \$4.85 \$19,984	8,845 \$9.59 \$84,847	13,369 \$41.93 \$560,583	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	0 \$0.00 \$0	26,334 \$665,415
(21) (d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) (e) Deferred Responsibility		\$11,464	\$10,193	\$3,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,507
(23) (e) FT-1 Storage and Peaking														
(24) TOTAL VARIABLE REVENUE	(14)+(17)+(20)+(21)+(22)+(23)	\$5,272,974	\$10,368,794	\$16,992,691	\$19,564,912	\$14,522,348	\$11,637,431	\$4,600,584	\$3,084,417	\$2,392,545	\$2,246,811	\$2,309,447	\$3,013,402	\$96,006,356
(25) Total GAS COST REVENUE (w/o FT-2)	(10) + (24)	\$9,761,893	\$18,781,935	\$30,282,621	\$35,360,599	\$26,319,674	\$21,146,583	\$8,524,858	\$5,806,923	\$4,568,725	\$4,308,201	\$4,418,961	\$5,681,202	\$174,962,174

## WORKING CAPITAL

		Nov Actual (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	<u>Jul</u> Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u>	Reference													
(1) Supply Fixed Costs	Sch. 1, line (4)	\$6,555,852	\$9,981,582	\$9,827,431	\$24,682,083	\$24,682,083	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,499,313	\$6,702,073	, ,	\$121,629,743
(2) Less System Pressure to DAC	Sch. 1, line (5)	(\$190,144)	(\$1,727,606)	(\$1,544,395)	. , , ,		(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	(\$148,209)	. , ,	(\$38,228,044)
<ul><li>(3) Plus: Supply Related LNG O&amp;M Costs</li><li>(4) Total Adjustments</li></ul>	(2) + (3)	\$0 (\$190,144)	\$0 (\$1,727,606)	\$0 (\$1,544,395)	\$0 (\$16,864,218)	\$0 (\$16,864,218)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$148,209)	\$0 (\$38,228,044)
(5) Allowable Working Capital Costs	(2) + (3) (1) + (4)	\$6,365,708	\$8,253,976	\$8,283,036	\$7,817,866	\$7,817,866	\$6,351,104	\$6,351,104	\$6,351,104	\$6,351,104	\$6,351,104	\$6,553,864	\$6,553,864	\$83,401,699
(5) Allowable Working Capital Costs	(1) (4)	\$0,505,700	\$6,233,770	\$6,265,050	\$7,017,000	\$7,617,600	\$0,551,104	\$0,551,104	\$0,551,104	\$0,551,104	\$0,551,104	\$0,555,604	\$0,555,604	\$65,401,077
(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	$[(5) \times (6)] \div 365$	\$574,135	\$744,441	\$747,062	\$705,107	\$705,107	\$572,817	\$572,817	\$572,817	\$572,817	\$572,817	\$591,105	\$591,105	
(8) Cost of Capital	Dkt 4770	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	
(9) Return on Working Capital Requirement	(7) x (8)	\$39,099	\$50,696	\$50,875	\$48,018	\$48,018	\$39,009	\$39,009	\$39,009	\$39,009	\$39,009	\$40,254	\$40,254	
(10) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	
(11) Interest Expense	(7) x (10)	\$11,942	\$15,484	\$15,539	\$14,666	\$14,666	\$11,915	\$11,915	\$11,915	\$11,915	\$11,915	\$12,295	\$12,295	
. ,														
(12) Taxable Income	(9) - (11)	\$27,157	\$35,212	\$35,336	\$33,352	\$33,352	\$27,094	\$27,094	\$27,094	\$27,094	\$27,094	\$27,959	\$27,959	
(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	$(12) \div (13)$	\$34,375	\$44,572	\$44,729	\$42,217	\$42,217	\$34,297	\$34,297	\$34,297	\$34,297	\$34,297	\$35,391	\$35,391	
(15) Supply Fixed Working Capital Requirement	(11) + (14)	\$46,317	\$60,057	\$60,268	\$56,883	\$56,883	\$46,211	\$46,211	\$46,211	\$46,211	\$46,211	\$47,686	\$47,686	\$606,837
(16) Supply Variable Costs	Sch. 1, line (20)	\$7,800,061	\$17,711,836	\$18,415,721	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$88,514,873
(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)	\$7,800,061	\$17,711,836	\$18,415,721	\$11,757,274	\$10,539,542	\$5,922,810	\$3,273,882	\$2,393,798	\$1,886,958	\$2,043,829	\$2,323,287	\$4,445,877	\$88,514,873
(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	\$703,501	\$1,597,462	\$1,660,947	\$1,060,409	\$950,580	\$534,189	\$295,277	\$215,901	\$170,188	\$184,337	\$209,541	\$400,982	
(23) Cost of Capital	Dkt 4770	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	
(24) Return on Working Capital Requirement	(22) x (23)	\$47,908	\$108,787	\$113,110	\$72,214	\$64,734	\$36,378	\$20,108	\$14,703	\$11,590	\$12,553	\$14,270	\$27,307	
(25) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	
(26) Interest Expense	(22) x (25)	\$14,633	\$33,227	\$34,548	\$22,057	\$19,772	\$11,111	\$6,142	\$4,491	\$3,540	\$3,834	\$4,358	\$8,340	
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(27) Taxable Income	(24) - (26)	\$33,276	\$75,560	\$78,563	\$50,157	\$44,962	\$25,267	\$13,967	\$10,212	\$8,050	\$8,719	\$9,911	\$18,966	
(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	$(27) \div (28)$	\$42,121	\$95,646	\$99,447	\$63,490	\$56,914	\$31,984	\$17,679	\$12,927	\$10,190	\$11,037	\$12,546	\$24,008	
(30) Supply Variable Working Capital Requirement	(26) + (29)	\$56,754	\$128,873	\$133,994	\$85,547	\$76,687	\$43,095	\$23,821	\$17,417	\$13,730	\$14,871	\$16,904	\$32,349	\$644,041

## INVENTORY FINANCE

			Nov Actual	<u>Dec</u> Actual	<u>Jan</u> <u>Actual</u>	<u>Feb</u> Forecast	Mar Forecast	Apr Forecast	May Forecast	<u>Jun</u> Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
	Description	Reference													
(1) (2) (3)	Storage Inventory Balance Monthly Storage Deferral/Amortization Subtotal	(1) + (2)	\$20,010,756 (\$13,742,064) \$6,268,692	\$17,926,548 (\$10,442,723) \$7,483,825	\$15,793,828 (\$5,711,593) \$10,082,235	\$12,709,491 <u>\$0</u> \$12,709,491	\$11,201,226 <u>\$0</u> \$11,201,226	\$11,989,546 <u>\$0</u> \$11,989,546	\$12,833,366 <u>\$0</u> \$12,833,366	\$13,153,051 <u>\$0</u> \$13,153,051	\$13,153,051 <u>\$0</u> \$13,153,051	\$13,153,051 <u>\$0</u> \$13,153,051	\$14,405,211 <u>\$0</u> \$14,405,211	\$15,536,342 <u>\$0</u> \$15,536,342	
(4) (5)	Cost of Capital Return on Working Capital Requirement	Dkt 4770 (3) x (4)	6.81% \$426,898	6.81% \$509,648	6.81% \$686,600	6.81% \$865,516	6.81% \$762,803	6.81% \$816,488	6.81% \$873,952	6.81% \$895,723	6.81% \$895,723	6.81% \$895,723	6.81% \$980,995	6.81% \$1,058,025	\$9,668,095
(6) (7)	Weighted Cost of Debt Interest Charges Financed	Dkt 4770 (3) x (6)	2.08% \$130,389	2.08% \$155,664	2.08% \$209,710	2.08% \$264,357	2.08% \$232,985	2.08% \$249,383	2.08% \$266,934	2.08% \$273,583	2.08% \$273,583	2.08% \$273,583	2.08% \$299,628	2.08% \$323,156	\$2,952,957
(8) (9)	Taxable Income 1 - Combined Tax Rate	(5) - (7) Dkt 4770	\$296,509 0.79	\$353,985 0.79	\$476,890 0.79	\$601,159 0.79	\$529,818 0.79	\$567,106 0.79	\$607,018 0.79	\$622,139 0.79	\$622,139 0.79	\$622,139 0.79	\$681,366 0.79	\$734,869 0.79	
(10)	Return and Tax Requirement	$(8) \div (9)$	\$375,328	\$448,082	\$603,658	\$760,961	\$670,656	\$717,855	\$768,378	\$787,518	\$787,518	\$787,518	\$862,489	\$930,214	\$8,500,175
(11)	Working Capital Requirement	(7) + (10)	\$505,717	\$603,746	\$813,368	\$1,025,318	\$903,641	\$967,238	\$1,035,312	\$1,061,102	\$1,061,102	\$1,061,102	\$1,162,118	\$1,253,370	\$11,453,132
(12)	Monthly Average	(11) ÷ 12	\$42,143	\$50,312	\$67,781	\$85,443	\$75,303	\$80,603	\$86,276	\$88,425	\$88,425	\$88,425	\$96,843	\$104,447	\$954,428
(13) (14) (15)	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	Dkt 4770 (13) x (14)	\$4,701,095 6.81% \$320,145	\$5,084,874 6.81% \$346,280	\$7,093,637 6.81% \$483,077	\$5,990,919 6.81% \$407,982	\$5,814,015 6.81% \$395,934	\$5,823,377 6.81% \$396,572	\$5,761,511 6.81% \$392,359	\$5,598,857 6.81% \$381,282	\$5,430,781 6.81% \$369,836	\$5,262,706 6.81% \$358,390	\$5,645,942 6.81% \$384,489	\$5,684,368 6.81% \$387,105	\$4,623,451
(16) (17)	Weighted Cost of Debt Interest Charges Financed	Dkt 4770 (13) x (16)	2.08% \$97,783	2.08% \$105,765	2.08% \$147,548	2.08% \$124,611	2.08% \$120,932	2.08% \$121,126	2.08% \$119,839	2.08% \$116,456	2.08% \$112,960	2.08% \$109,464	2.08% \$117,436	2.08% \$118,235	\$1,412,155
(18) (19) (20)	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(15) - (17) Dkt 4770 (18) ÷ (19)	\$222,362 0.79 \$281,471	\$240,515 0.79 \$304,449	\$335,529 0.79 \$424,720	\$283,370 0.79 \$358,697	\$275,003 0.79 \$348,105	\$275,446 0.79 \$348,665	\$272,519 0.79 \$344,961	\$264,826 0.79 \$335,223	\$256,876 0.79 \$325,159	\$248,926 0.79 \$315,096	\$267,053 0.79 \$338,042	\$268,871 0.79 \$340,343	\$4,064,931
(21)	Working Capital Requirement	(17) + (20)	\$379,253	\$410,214	\$572,268	\$483,308	\$469,036	\$469,792	\$464,801	\$451,679	\$438,120	\$424,560	\$455,477	\$458,577	\$5,477,086
(22)	Monthly Average	(21) ÷ 12	\$31,604	\$34,185	\$47,689	\$40,276	\$39,086	\$39,149	\$38,733	\$37,640	\$36,510	\$35,380	\$37,956	\$38,215	\$456,424
(23)	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$73,748	\$84,497	\$115,470	\$125,719	\$114,390	\$119,752	\$125,009	\$126,065	\$124,935	\$123,805	\$134,800	\$142,662	\$1,410,851

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

Actual Dth Usage for Filing													
	Nov	Dec	Jan	<u>Feb</u>	Mar	Apr	May	Jun	<u>Jul</u>	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)	(m)
THROUGHPUT (Dth)	(a)	(6)	(c)	(u)	(c)	(1)	(g)	(11)	(1)	0)	(K)	(1)	(III)
Rate Class (1) SALES													
(2) Residential Non-Heating	17,337	25,271	37,093	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	283,774
(3) Residential Non-Heating Low Income	1,373	2,049	3,188	0	0	0	0	0	0	0	0	0	6,610
(4) Residential Heating	953,292	1,860,891	2,917,092	3,915,982	2,891,087	2,317,355	851,793	573,936	453,690	433,319	446,697	598,069	18,213,202
<ol><li>Residential Heating Low Income</li></ol>	102,689	193,445	293,423	0	0	0	0	0	0	0	0	0	589,557
(6) Small C&I	99,534	234,659	398,870	497,959	360,161	263,710	114,865	57,952	50,105	39,487	38,085	49,715	2,205,103
(7) Medium C&I (8) Large LLF	222,910 70,282	344,967 28,477	499,342 109,313	598,322 127,285	458,833 96,299	385,399 78,186	183,377 33,464	136,456 17,298	95,356 8,130	89,680 7,493	91,490 8,041	109,410 11,983	3,215,541 596,248
(8) Large LLF (9) Large HLF	19,794	28,698	30,531	32,766	28,409	25,367	20,339	15,688	13,142	12,569	14,192	14,340	255,835
(10) Extra Large LLF	1,585	4,495	6,088	11,182	11,931	10,400	4,532	2,404	1,288	1,206	1,158	2,457	58,728
(11) Extra Large HLF	17,978	19,743	23,255	9,181	5,679	5,061	6,710	7,993	7,228	6,636	7,300	6,523	123,289
(12) Total SALES	1,506,774	2,742,694	4,318,194	5,242,333	3,891,200	3,118,199	1,232,706	826,456	641,072	602,023	618,806	807,428	25,547,887
(13) <u>TSS</u>													
(14) Small	268	598	4,218	0	0	0	0	0	0	0	0	0	5,084
(15) Medium	1,621	4,572	29,393	0	0	0	0	0	0	0	0	0	35,586
(16) Large LLF (17) Large HLF	287 1,145	2,084 1,227	25,970 5,641	0	0	0	0	0	0	0	0	0	28,342 8,012
(18) Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0,012
(19) Extra Large HLF	<u>0</u>	<u>0</u>	4,086	<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>	4,086
(20) Total TSS	3,322	8,481	69,307	0	0	0	0	0	0	0	0	0	81,110
(21) Sales & TSS THROUGHPUT													
(22) Residential Non-Heating	17,337	25,271	37,093	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	283,774
(23) Residential Non-Heating Low Income	1,373	2,049	3,188	0	0	0	0	0	0	0	0	0	6,610
(24) Residential Heating (25) Residential Heating Low Income	953,292 102,689	1,860,891 193,445	2,917,092 293,423	3,915,982 0	2,891,087	2,317,355 0	851,793 0	573,936 0	453,690 0	433,319	446,697 0	598,069 0	18,213,202 589,557
(25) Residential Heating Low Income (26) Small C&I	99,803	235,257	403,088	497,959	360,161	263,710	114,865	57,952	50,105	39,487	38,085	49,715	2,210,187
(27) Medium C&I	224,531	349,539	528,734	598,322	458,833	385,399	183,377	136,456	95,356	89,680	91,490	109,410	3,251,127
(28) Large LLF	70,569	30,561	135,283	127,285	96,299	78,186	33,464	17,298	8,130	7,493	8,041	11,983	624,590
(29) Large HLF	20,939	29,925	36,172	32,766	28,409	25,367	20,339	15,688	13,142	12,569	14,192	14,340	263,847
(30) Extra Large LLF	1,585	4,495	6,088	11,182	11,931	10,400	4,532	2,404	1,288	1,206	1,158	2,457	58,728
(31) Extra Large HLF (32) Total SALES & TSS THROUGHPUT	17,978 1,510,096	19,743 2,751,175	27,341 4,387,501	9,181 5,242,333	5,679 3,891,200	5,061 3,118,199	6,710 1,232,706	7,993 826,456	7,228 641,072	6,636 602,023	7,300 618,806	6,523 807,428	127,375 25,628,997
` '	1,510,070	2,731,173	4,567,501	3,242,333	3,071,200	3,110,177	1,232,700	020,430	041,072	002,023	010,000	007,420	23,020,>>7
(33) <u>FT-1 TRANSPORTATION</u> (34) FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
(35) FT-1 Medium	42,015	60,352	94,093	81,935	63,657	53,388	26,017	21,853	20,268	20,706	22,010	35,715	542,011
(36) FT-1 Large LLF	64,242	98,208	152,427	136,905	100,980	82,534	31,748	17,805	15,624	16,548	19,076	45,582	781,678
(37) FT-1 Large HLF	36,180	45,797	50,939	52,720	51,315	44,559	39,716	37,817	41,471	37,681	39,609	39,989	517,793
(38) FT-1 Extra Large LLF	91,005	140,467	176,789	179,094	143,125	115,115	45,622	24,304	21,567	22,253	26,472	64,947	1,050,759
(39) FT-1 Extra Large HLF (40) Default	491,443 4,120	584,976 <u>8,845</u>	568,068 <u>13,369</u>	523,738 0	495,020 0	464,309 0	417,959 0	383,074 0	381,449 0	394,597 0	390,535 0	406,186 0	5,501,354 26,334
(41) TOTAL FT-1 TRANSPORTATION	729,006	938,643	1,055,685	974,392	854,097	759,905	561,063	484,853	480,378	491,785	497,703	592,419	8,419,930
FT-2 TRANSPORTATION													
(42) FT-2 Small	9,754	16,794	24,883	36,658	27,174	22,134	10,132	6,469	4,082	3,755	3,717	4,901	170,455
(43) FT-2 Medium	105,293	175,195	231,512	331,506	261,421	228,295	115,500	80,460	53,687	50,165	50,797	61,148	1,744,980
(44) FT-2 Large LLF	71,322	154,735	198,888	284,405	214,742	180,994	81,179	43,848	19,816	16,667	17,802	26,967	1,311,364
(45) FT-2 Large HLF	68,639 8,666	55,211	66,858	78,429	69,086	60,916	46,265 2,545	36,652	31,728 606	30,136	32,649 650	33,616 889	610,184 73,144
(46) FT-2 Extra Large LLF (47) FT-2 Extra Large HLF	29,522	16,711 <u>41,212</u>	13,619 35,156	12,638 45,717	8,304 38,867	6,486 <u>36,948</u>	35,279	1,340 31,992	30,835	692 <u>29,232</u>	35,978	32,694	423,430
(48) TOTAL FT-2 TRANSPORTATION	293,197	459,857	570,916	789,353	619,593	535,773	290,900	200,761	140,754	130,647	141,592	160,215	4,333,558
(49) Total THROUGHPUT													
(50) Residential Non-Heating	17,337	25,271	37,093	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	283,774
(51) Residential Non-Heating Low Income	1,373	2,049	3,188	0	0	0	0	0	0	0	0	0	6,610
(52) Residential Heating	953,292	1,860,891	2,917,092	3,915,982	2,891,087	2,317,355	851,793	573,936	453,690	433,319	446,697	598,069	18,213,202
<ul><li>(53) Residential Heating Low Income</li><li>(54) Small C&amp;I</li></ul>	102,689 109,557	193,445	293,423	0 534 617	0 287 226	205 244	124 007	64.421	0 54 187	42 242	41.802	0 54.616	589,557
(55) Medium C&I	371,839	252,052 585,085	427,971 854,340	534,617 1,011,764	387,336 783,911	285,844 667,083	124,997 324,894	64,421 238,769	54,187 169,312	43,242 160,551	41,803 164,298	54,616 206,272	2,380,642 5,538,118
(56) Large LLF	206,133	283,503	486,597	548,595	412,020	341,713	146,391	78,951	43,570	40,707	44,919	84,532	2,717,632
(57) Large HLF	125,759	130,932	153,969	163,914	148,810	130,842	106,321	90,157	86,340	80,386	86,450	87,945	1,391,824
(58) Extra Large LLF	101,256	161,673	196,496	202,914	163,360	132,000	52,699	28,048	23,460	24,151	28,280	68,293	1,182,631
(59) Extra Large HLF	538,943	645,931	630,565	578,636	539,565	506,318	459,948	423,059	419,512	430,465	433,813	445,403	6,052,159
(60) Default (61) TOTAL THROUGHPUT	4,120 2,532,298	8,845 4,149,676	13,369 6.014.102	7 006 078	<u>0</u> 5 364 890	<u>0</u> 4 413 877	0 2 084 669	0 1,512,071	0 1 262 205	0 1 224 455	0 1 258 101	0 1 560 062	26,334 38 382 485
(01) IUIAL IHKUUGHPUI	2,332,298	4,149,070	6,014,102	7,006,078	5,364,890	4,413,877	2,084,669	1,312,071	1,262,205	1,224,455	1,258,101	1,560,062	38,382,485