

July 20, 2020

VIA FIRST CLASSMAIL & ELECTRONIC MAIL

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

**RE: Docket 4963 - Gas Cost Recovery (GCR) Filing
Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid,¹ enclosed please find 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, 2019 through October 31, 2020. Based on eight months of actual data and four months of projected data, the projected deferred gas cost balance at the end of October 2020 is an under-recovery of approximately \$7.5 million (*see* attached Schedule 1, page 1). This calculation is based on the November 1, 2019 starting over-recovery balance of \$1.9 million² plus actual gas costs and gas cost revenue for November 2019 through June 2020, and projected gas costs and gas cost revenue for the period July 2020 through October 2020.

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 2019 through June 2020, and projected gas costs for July 2020 through October 2020. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2019 through October 31, 2020. Schedule 4 shows the calculation of working capital. Schedule 5 presents the calculation of inventory finance charges. Schedule 6 presents customer class specific throughput.

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

² This amount represents the ending balance at October 31, 2019, as filed on November 18, 2019 in Docket No. 4872.

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The projected October 2020 deferred balance under-recovery of \$7.5 million is an increase of approximately \$0.9 million in the deferred under-recovery balance as compared to the projected deferred under-recovery balance of \$6.6 million from last month's deferred balance report. The increase in the projected deferred under-recovery balance from last month's report is due to an increase of \$0.4 million in actual gas cost and an increase of \$0.6 million in forecasted gas costs for July 2020 through October 2020, offset by an increase in gas cost revenues for June 2020 of approximately \$0.1 million.

The increase of \$0.6 million in forecasted gas costs is due to an increase of \$0.4 million in hedging and an increase of \$0.9 million in forecasted demand costs, offset by a decrease of \$0.7 million in forecasted commodity costs. The \$0.9 million increase in forecasted demand costs is due to a rate settlement between Algonquin Gas Transmission and its shippers that was recently filed with the FERC.

The projected October 2020 deferred balance under-recovery of \$7.5 million represents a difference of 5.3 percent of the Company's projected 2019-20 annual GCR revenues, which slightly exceeds the 5 percent criteria established for evaluating whether the Company's GCR factor should be revised (*see* the Company's tariff, RIPUC NG-GAS No. 101, Section 2, Schedule A, Part 1.2). However, the Company is not proposing to revise its GCR factor at this time as the projected deferred balance is only slightly above the 5 percent threshold and intends to defer recovery of the projected deferred balance until the 2020-2021 Gas Cost Recovery filing to be submitted by September 1, 2020.

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

Enclosures

cc: Docket 4963 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 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.



Heidi Seddon

July 20, 2020

Date

Docket No. 4963 – National Grid – 2018 Annual Gas Cost Recovery Filing (GCR) - Service List as of 8/19/2019

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Deferred Gas Cost Balances

(1)	Description	Reference	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
			Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast						
	# 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)	(l)	(m)
(2)	L. Fixed Cost Deferred														
(3)	Beginning Under/(Over) Recovery		(\$7,052,348)	(\$6,102,864)	(\$5,550,440)	(\$8,028,986)	(\$8,639,528)	(\$8,461,383)	(\$9,710,995)	(\$12,426,527)	(\$9,488,015)	(\$6,064,483)	(\$2,597,491)	\$839,055	(\$7,052,348)
(4)	Supply Fixed Costs (net of cap rel)	Sch. 2, line (32)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,561,006	\$5,561,006	\$5,561,006	\$5,561,006	\$76,892,620
(5)	System Pressure to DAC (Reservation Chge - Crary St.)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(6)	Supply Related LNG O & M	Dkt 4770	\$69,152	\$590,121	\$539,696	\$303,380	(\$118,633)	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$1,867,779
(7)	NGPMP Credits		(\$475,000)	(\$475,000)	(\$1,004,242)	(\$475,000)	(\$221,260)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$5,975,502)
(8)	Working Capital	Sch. 4, line (15)	\$47,869	\$65,399	\$65,344	\$64,578	\$65,076	\$42,116	\$21,009	\$42,009	\$42,067	\$42,067	\$42,067	\$42,067	\$581,669
(9)	Total Supply Fixed Costs	Sum[(4):(8)]	\$5,969,924	\$8,825,827	\$8,238,857	\$8,429,778	\$8,327,717	\$5,203,748	\$2,392,351	\$5,189,461	\$5,197,226	\$5,197,226	\$5,197,226	\$5,197,226	\$73,366,566
(10)	Supply Fixed - Revenue	Sch. 3, line (13)	\$5,000,953	\$8,259,810	\$10,701,564	\$9,022,756	\$8,136,639	\$6,444,030	\$5,096,139	\$2,239,697	\$1,765,443	\$1,725,639	\$1,759,777	\$2,109,531	\$62,261,976
(11)	Monthly Under/(Over) Recovery	(9) - (10)	\$968,971	\$566,017	(\$2,462,707)	(\$592,978)	\$191,078	(\$1,240,282)	(\$2,703,788)	\$2,949,764	\$3,431,783	\$3,471,587	\$3,437,449	\$3,087,695	\$11,104,590
(12)	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$6,083,378)	(\$5,536,847)	(\$8,013,147)	(\$8,621,965)	(\$8,448,450)	(\$9,701,664)	(\$12,414,782)	(\$9,476,763)	(\$6,056,232)	(\$2,592,896)	\$839,958	\$3,926,750	\$4,052,241
(13)	Month's Average Balance	[(3) + (12)] ÷ 2	(\$6,567,863)	(\$5,819,856)	(\$6,781,793)	(\$8,325,475)	(\$8,543,989)	(\$9,081,523)	(\$11,062,888)	(\$10,951,645)	(\$7,772,123)	(\$4,328,689)	(\$878,767)	\$2,382,902	\$2,382,902
(14)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(15)	Interest Applied	[(13) x (14)] ÷ 365 x (1)	(\$14,845)	(\$13,593)	(\$15,840)	(\$17,563)	(\$12,933)	(\$9,330)	(\$11,745)	(\$11,252)	(\$8,251)	(\$4,596)	(\$903)	\$2,530	(\$118,321)
(16)	Marketer Reconciliation	Dkt 4872	(\$4,641)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,641)
(17)	FIXED ENDING UNDER/(OVER) RECOVERY	(12) + (15) + (16)	(\$6,102,864)	(\$5,550,440)	(\$8,028,986)	(\$8,639,528)	(\$8,461,383)	(\$9,710,995)	(\$12,426,527)	(\$9,488,015)	(\$6,064,483)	(\$2,597,491)	\$839,055	\$3,929,280	\$3,929,280
(18)	II. Variable Cost Deferred														
(19)	Beginning Under/(Over) Recovery		\$5,109,999	\$8,659,769	\$11,209,584	\$10,622,654	\$11,089,511	\$9,288,955	\$7,486,618	\$4,141,027	\$3,753,168	\$3,538,405	\$3,084,996	\$2,909,374	\$5,109,999
(20)	Variable Supply Costs	Sch. 2, line (80)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$74,956,252
(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)	\$25,458	\$24,655	\$24,006	\$24,744	\$24,319	\$23,875	\$23,482	\$23,089	\$14,353	\$13,876	\$16,908	\$16,893	\$255,659
(24)	Inventory Financing - UG	Sch. 5, line (12)	\$80,040	\$73,770	\$67,115	\$59,355	\$53,426	\$52,404	\$56,661	\$58,782	\$34,658	\$41,089	\$51,005	\$60,943	\$689,250
(25)	Working Capital	Sch. 4, line (30)	\$70,129	\$98,562	\$100,006	\$89,553	\$63,645	\$47,598	\$22,566	\$16,083	\$12,796	\$10,646	\$12,959	\$22,478	\$567,021
(26)	Total Supply Variable Costs	Sum[(20):(25)]	\$9,471,436	\$13,251,426	\$13,436,365	\$12,037,076	\$8,579,963	\$6,441,208	\$3,110,944	\$2,249,242	\$1,778,568	\$1,498,151	\$1,819,090	\$3,096,957	\$76,770,426
(27)	Supply Variable - Revenue	Sch. 3, line (30)	\$5,957,913	\$10,724,788	\$14,048,760	\$11,593,097	\$10,395,930	\$8,252,159	\$6,462,704	\$2,641,154	\$1,997,199	\$1,955,074	\$1,997,790	\$2,462,342	\$78,488,910
(28)	Monthly Under/(Over) Recovery	(26) - (27)	\$3,513,523	\$2,526,638	(\$612,396)	\$443,979	(\$1,815,967)	(\$1,810,951)	(\$3,351,760)	(\$391,912)	(\$218,631)	(\$456,923)	(\$178,700)	\$634,615	(\$1,718,484)
(29)	Prelim. Ending Under/(Over) Recovery	(19) + (28)	\$8,623,522	\$11,186,407	\$10,597,188	\$11,066,633	\$9,273,544	\$7,478,005	\$4,134,858	\$3,749,115	\$3,534,537	\$3,081,482	\$2,906,296	\$3,543,989	\$3,391,515
(30)	Month's Average Balance	[(19) + (29)] ÷ 2	\$6,866,760	\$9,923,088	\$10,903,386	\$10,844,643	\$10,181,527	\$8,383,480	\$5,810,738	\$3,945,071	\$3,643,853	\$3,309,944	\$2,995,646	\$3,226,682	\$3,226,682
(31)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(32)	Interest Applied	[(30) x (31)] ÷ 365 x (1)	\$15,521	\$23,177	\$25,466	\$22,878	\$15,412	\$8,613	\$6,169	\$4,053	\$3,868	\$3,514	\$3,078	\$3,426	\$135,174
(33)	Gas Procurement Incentive/(penalty)		\$20,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,726
(34)	VARIABLE ENDING UNDER/(OVER) RECOVERY	(29) + (32) + (33)	\$8,659,769	\$11,209,584	\$10,622,654	\$11,089,511	\$9,288,955	\$7,486,618	\$4,141,027	\$3,753,168	\$3,538,405	\$3,084,996	\$2,909,374	\$3,547,415	\$3,547,415
(35)	GCR Deferred Summary														
(36)	Beginning Under/(Over) Recovery	(3) + (19)	(\$1,942,350)	\$2,556,905	\$5,659,143	\$2,593,668	\$2,449,983	\$827,573	(\$2,224,377)	(\$8,285,500)	(\$5,734,847)	(\$2,526,078)	\$487,505	\$3,748,429	(\$1,942,350)
(37)	Gas Costs	Sum[(4):(6),(16),(20):(22)]	\$15,688,223	\$22,289,867	\$22,422,992	\$20,703,623	\$16,922,475	\$11,953,963	\$5,854,577	\$7,773,739	\$7,346,918	\$7,062,697	\$7,368,377	\$8,626,801	\$154,014,254
(38)	Inventory Finance	(23) + (24)	\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$49,012	\$54,965	\$67,913	\$77,836	\$944,909
(39)	Working Capital	(8) + (25)	\$117,998	\$163,961	\$165,350	\$154,131	\$128,720	\$89,714	\$43,574	\$58,092	\$54,864	\$52,713	\$55,026	\$64,545	\$1,148,690
(40)	NGPMP Credits	(7)	(\$475,000)	(\$475,000)	(\$1,004,242)	(\$475,000)	(\$221,260)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$5,975,502)
(41)	Total Costs	Sum[(37):(40)]	\$15,436,719	\$22,077,253	\$21,675,222	\$20,466,854	\$16,907,681	\$11,644,957	\$5,503,295	\$7,438,703	\$6,975,793	\$6,695,376	\$7,016,316	\$8,294,183	\$150,132,351
(42)	Revenue	(10) + (27)	\$10,958,866	\$18,984,598	\$24,750,324	\$20,615,853	\$18,532,569	\$14,696,189	\$11,558,842	\$4,880,850	\$3,762,642	\$3,680,713	\$3,757,567	\$4,571,873	\$140,750,886
(43)	Monthly Under/(Over) Recovery	(41) - (42)	\$4,477,853	\$3,092,655	(\$3,075,102)	(\$148,999)	(\$1,624,889)	(\$3,051,233)	(\$6,055,548)	\$2,557,852	\$3,213,152	\$3,014,664	\$3,258,749	\$3,722,310	\$9,381,465
(44)	Prelim. Ending Under/(Over) Recovery	(36) + (43)	\$2,535,504	\$5,649,560	\$2,584,041	\$2,444,668	\$825,094	(\$2,223,660)	(\$8,279,924)	(\$5,727,648)	(\$2,521,695)	\$488,586	\$3,746,254	\$7,470,739	
(45)	Month's Average Balance	[(36) + (44)] ÷ 2	\$296,577	\$4,103,232	\$4,121,592	\$2,519,168	\$1,637,538	(\$698,043)	(\$5,252,151)	(\$7,006,574)	(\$4,128,271)	(\$1,018,746)	\$2,116,879	\$5,609,584	
(46)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
(47)	Interest Applied	(15) + (32)	\$676	\$9,584	\$9,626	\$5,314	\$2,479	(\$717)	(\$5,576)	(\$7,199)	(\$4,383)	(\$1,082)	\$2,175	\$5,955	\$16,853
(48)	Gas Purchase Plan Incentives/(Penalties)	(33)	\$20,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,726
(49)	ENDING UNDER/(OVER) RECOVERY W/ INTEREST	(44) + (47) + (48)	\$2,556,905	\$5,659,143	\$2,593,668	\$2,449,983	\$827,573	(\$2,224,377)	(\$8,285,500)	(\$5,734,847)	(\$2,526,078)	\$487,505	\$3,748,429	\$7,476,695	\$7,476,695

Supply Estimates Actuals for Filing

	<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Forecast</u> (i)	<u>Aug</u> <u>Forecast</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	Nov-Oct (m)
<u>Description</u>	<u>Reference</u>												
(1) SUPPLY FIXED COSTS - Pipeline Delivery													
(2) Dawn to E.Here	\$1,184,940	\$1,151,362	\$1,151,688	\$1,107,013	\$1,116,504	\$1,094,343	\$1,110,633	\$1,106,174	\$1,117,235	\$1,117,235	\$1,117,235	\$1,117,235	\$13,491,599
(3) Dawn to WADDY	\$11,895	\$11,895	\$11,895	\$11,895	\$11,895	\$11,711	\$11,711	\$11,711	\$22,646	\$22,646	\$22,646	\$22,646	\$185,192
(4) Dominion SP	\$8,196	\$8,211	\$8,211	\$8,185	\$8,185	\$6,763	\$6,763	\$6,763	\$7,272	\$7,272	\$7,272	\$7,272	\$90,366
(5) Dracut	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$1,020,288
(6) Everett	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$106,280	\$106,280	\$106,280	\$106,280	\$1,261,756
(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	\$262,800	\$3,153,600
(8) Millennium/AIM	\$934,257	\$932,840	\$933,474	\$922,668	\$934,297	\$927,625	\$933,474	\$927,625	\$930,062	\$930,062	\$930,062	\$930,062	\$11,166,506
(9) Niagara	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$82,103
(10) TCO App	\$249,811	\$241,112	\$251,491	\$264,131	\$264,131	\$265,371	\$263,371	\$263,371	\$284,440	\$284,440	\$284,440	\$284,440	\$3,200,549
(11) TCO App/M3/Storage	\$418,695	\$418,695	\$418,694	\$339,517	\$418,695	\$418,695	\$418,695	\$418,695	\$321,168	\$321,168	\$321,168	\$321,168	\$4,555,052
(12) TCO M3	\$50,485	\$50,798	\$50,798	\$53,154	\$53,154	\$53,385	\$53,013	\$53,013	\$53,013	\$53,013	\$53,013	\$53,013	\$629,851
(13) Tetco M2	\$1,029,491	\$1,031,216	\$1,031,099	\$1,019,921	\$1,024,974	\$858,269	\$858,269	\$858,269	\$860,195	\$860,195	\$860,195	\$860,195	\$11,152,288
(14) TetcoM2/M3	\$368,248	\$368,341	\$368,340	\$368,341	\$368,340	\$368,340	\$368,338	\$368,341	\$481,492	\$481,492	\$481,492	\$481,492	\$4,872,596
(15) Tetco Refund	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,730,061)	\$0	\$0	\$0	\$0	\$0	(\$2,730,061)
(16) Transco Leidy	\$9,198	\$9,401	\$9,401	\$8,995	\$9,401	\$9,197	\$9,400	\$7,884	\$176,067	\$176,067	\$176,067	\$176,067	\$777,145
(17) Zone 4	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$563,998	\$563,998	\$563,998	\$563,998	\$5,852,564
(18) Zone 4 CXN	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$3,167,440
(19) AMA Credits	(\$5,101)	(\$5,101)	(\$5,101)	(\$5,101)	(\$5,101)	\$0	(\$5,101)	(\$5,101)	(\$156,828)	(\$156,828)	(\$156,828)	(\$156,828)	(\$663,020)
(20) Less Credits from Mkter Releases	(\$846,014)	(\$871,069)	(\$871,201)	(\$840,155)	(\$880,355)	(\$789,886)	(\$864,978)	(\$896,167)	(\$984,916)	(\$984,916)	(\$984,916)	(\$984,916)	(\$10,799,491)
(21) SUPPLY FIXED - Supplier													
(22) Distrigas FCS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(23) TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(24) STORAGE FIXED COSTS - Facilities													
(25) Columbia FSS	\$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
(26) Dominion GSS	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$436,695
(27) Dominion GSSTE	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$561,168
(28) Providence LNG	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$1,964,880
(29) Tennessee FSMA	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$519,091
(30) Tetco FSS1	\$3,716	\$3,701	\$3,705	\$3,715	\$3,711	\$2,397	\$2,400	\$2,456	\$2,040	\$2,040	\$2,040	\$2,040	\$33,963
(31) Tetco SS1	\$149,050	\$148,806	\$148,930	\$148,447	\$148,437	\$114,352	\$114,404	\$115,317	\$100,537	\$100,537	\$100,537	\$100,537	\$1,489,891
(32) STORAGE FIXED COSTS - Delivery													
(33) Storage Delivery	\$413,122	\$409,860	\$413,699	\$413,157	\$413,330	\$311,804	\$311,741	\$311,741	\$314,003	\$314,003	\$314,003	\$314,003	\$4,254,466
(34) Confidential Pipeline and Peaking Supplies	<u>\$875,297</u>	<u>\$3,262,622</u>	<u>\$3,240,319</u>	<u>\$3,240,320</u>	<u>\$3,240,319</u>	<u>\$442,496</u>	<u>\$442,502</u>	<u>\$530,593</u>	<u>\$443,836</u>	<u>\$443,836</u>	<u>\$443,836</u>	<u>\$443,836</u>	<u>\$17,049,813</u>
(35) TOTAL FIXED COSTS	Sum[(2):(33)]	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,561,006	\$5,561,006	\$5,561,006	\$76,892,620

Supply Estimates Actuals for Filing

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Forecast</u> (i)	<u>Aug</u> <u>Forecast</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	Nov-Oct (m)
<u>Description</u>	<u>Reference</u>													
(36) VARIABLE COMMODITY COSTS														
(37) AGT Citygate										\$0	\$0	\$0	\$0	\$0
(38) AIM at Ramapo										\$0	\$0	\$0	\$0	\$0
(39) Dawn via IGTS										\$0	\$0	\$0	\$0	\$0
(40) Dawn via PNGTS										\$0	\$0	\$0	\$0	\$0
(41) Dominion SP										\$0	\$0	\$0	\$6,435	\$6,435
(42) Everett Swing										\$0	\$0	\$0	\$0	\$0
(43) Millennium										\$0	\$0	\$193,123	\$204,091	\$397,214
(44) Niagara										\$0	\$0	\$0	\$0	\$0
(45) TCO Appalachia										\$33,497	\$0	\$39,885	\$277,960	\$351,342
(46) TCO M3										\$0	\$0	\$0	\$0	\$0
(47) Tetco M2										\$650,192	\$679,440	\$890,225	\$948,466	\$3,168,324
(48) Tetco M3										\$0	\$0	\$2,952	\$58,870	\$61,822
(49) TGP Z4										\$310,530	\$107,157	\$425,884	\$322,987	\$1,166,558
(50) Transco Leidy										\$2,594	\$2,693	\$2,353	\$2,582	\$10,222
(51) Waddington										\$0	\$0	\$0	\$0	\$0
(52) Confidential Pipeline and Peaking Supplies										\$103,803	\$0	\$0	\$0	\$103,803
(53) Variable Transportation Costs										\$145,694	\$76,639	\$116,007	\$157,794	\$496,134
(54) Total Pipeline Commodity Charges	Sum[(36):(52)]	\$7,602,305	\$9,684,821	\$8,257,301	\$6,463,119	\$4,228,396	\$3,600,118	\$1,813,879	\$802,884	\$1,246,311	\$865,929	\$1,670,430	\$1,979,186	\$48,214,679
(55) INJECTIONS & HEDGING IMPACT														
(56) Hedging		\$762,650	\$1,615,709	\$3,290,717	\$3,948,300	\$2,934,635	\$1,652,722	\$619,112	\$476,792	\$903,326	\$541,423	\$761,274	\$877,396	\$18,384,055
(57) Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(58) Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$458,064)	\$0	(\$718,671)	(\$22,917)	(\$1,199,652)
(59) TOTAL VARIABLE SUPPLY COSTS	Sum[(53):(57)]	\$8,364,955	\$11,300,530	\$11,548,019	\$10,411,418	\$7,163,031	\$5,252,840	\$2,432,991	\$1,279,677	\$1,691,573	\$1,407,352	\$1,713,032	\$2,833,665	\$65,399,082
(60) VARIABLE STORAGE COSTS														
(61) Underground Storage		\$529,754	\$1,166,629	\$952,613	\$1,004,123	\$971,107	\$740,650	\$381,773	\$537,511	\$0	\$0	\$0	\$137,791	\$6,421,951
(62) LNG Withdrawals and Trucking		\$183,268	\$197,076	\$212,296	\$81,901	\$87,661	\$63,528	\$51,845	\$50,287	\$0	\$0	\$0	\$0	\$927,862
(63) TOTAL VARIABLE STORAGE COSTS	Sum[(60):(61)]	\$713,022	\$1,363,705	\$1,164,909	\$1,086,024	\$1,058,768	\$804,178	\$433,617	\$587,798	\$0	\$0	\$0	\$137,791	\$7,349,812
(64) TOTAL VARIABLE COSTS	(58) + (62)	\$9,077,977	\$12,664,236	\$12,712,927	\$11,497,442	\$8,221,799	\$6,057,018	\$2,866,608	\$1,867,475	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$72,748,895
(65) TOTAL SUPPLY COSTS	(34) + (63)	\$15,405,880	\$21,309,542	\$21,350,986	\$20,034,262	\$16,824,334	\$11,624,498	\$5,643,799	\$7,420,775	\$7,252,579	\$6,968,358	\$7,274,038	\$8,532,462	\$149,641,514

Supply Estimates Actuals for Filing

Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov-Oct	
		<u>Actual</u>	<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)	
(66) Storage Costs for FT-2 Calculation															
(67) Storage Fixed Costs - Facilities		\$452,613	\$452,354	\$452,482	\$452,009	\$451,995	\$416,596	\$416,651	\$417,620	\$402,424	\$402,424	\$402,424	\$402,424	\$5,122,016	
(68) Storage Fixed Costs - Deliveries		\$1,241,457	\$4,146,489	\$4,078,935	\$3,842,077	\$3,900,322	\$432,908	\$708,616	\$796,706	\$710,878	\$710,878	\$710,878	\$710,878	\$21,991,023	
(69) Sub-Total Storage Costs	Sum[(66):(67)]	\$1,694,070	\$4,598,844	\$4,531,417	\$4,294,086	\$4,352,318	\$849,504	\$1,125,266	\$1,214,326	\$1,113,302	\$1,113,302	\$1,113,302	\$1,113,302	\$27,113,039	
(70) Tennessee Dracut for Peaking		\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$191,304	\$191,304	\$191,304	\$191,304	\$2,282,044	
(71) Inventory Financing		\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$49,012	\$54,965	\$67,913	\$77,836	\$944,909	
(72) Supply Related LNG O&M Costs		\$69,152	\$590,121	\$539,696	\$303,380	(\$118,633)	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$1,867,779	
(73) Working Capital Requirement		\$12,815	\$34,789	\$34,279	\$32,483	\$32,924	\$6,426	\$8,512	\$9,186	\$8,422	\$8,422	\$8,422	\$8,422	\$205,102	
(74) TOTAL FT-2 STORAGE FIXED COSTS	Sum[(68):(72)]	\$2,071,138	\$5,511,782	\$5,386,116	\$4,903,652	\$4,533,957	\$1,190,965	\$1,472,677	\$1,564,139	\$1,431,192	\$1,437,145	\$1,450,092	\$1,460,016	\$32,412,873	
(75) System Storage MDQ (Dth)		249,446	222,897	232,150	230,168	231,169	230,971	232,216	231,440	198,312	198,312	198,312	198,312	2,653,705	
(76) FT-2 Storage Cost per MDQ (Dth)	(73) ÷ (74)	\$8.3029	\$24.7279	\$23.2010	\$21.3047	\$19.6131	\$5.1563	\$6.3418	\$6.7583	\$7.2169	\$7.2469	\$7.3122	\$7.3622	\$12.2142	
(77) Pipeline Variable	(63)	\$9,077,977	\$12,664,236	\$12,712,927	\$11,497,442	\$8,221,799	\$6,057,018	\$2,866,608	\$1,867,475	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$72,748,895	
(78) Less Non-firm Gas Costs		(\$48,873)	(\$192,204)	(\$220,972)	(\$75,497)	(\$57,074)	(\$56,997)	(\$53,042)	(\$15,734)	\$0	\$0	\$0	\$0	(\$720,393)	
(79) Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(80) Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(81) Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(82) Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(83) Mkter Over-takes/Undertakes		\$133,299	\$357,881	\$501,685	\$214,579	\$37,982	\$47,849	(\$44,390)	\$44,485	\$0	\$0	\$0	\$0	\$1,293,371	
(84) Plus Pipeline Srchg/Credit		\$119,939	\$205,037	\$219,050	\$219,483	\$205,754	\$219,366	\$214,776	\$219,637	\$0	\$0	\$0	\$0	\$1,623,041	
(85) Less Mkter FT-2 Daily weather true-up		(\$11,719)	(\$5,697)	\$7,361	(\$17,771)	\$4,925	\$24,908	(\$904)	\$10,238	\$0	\$0	\$0	\$0	\$11,340	
(86) TOTAL FIRM COMMODITY COSTS	Sum[(76):(84)]	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$74,956,252	

GCR Revenue

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Forecast</u> (i)	<u>Aug</u> <u>Forecast</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	Nov-Oct (m)
<u>Description</u>	<u>Reference</u>													
(1) I. Fixed Cost Revenue														
(2) (a) Low Load dth	Sch. 6, Sum[(24):(28), (30)]	1,668,288	3,506,818	4,561,130	3,820,624	3,439,475	2,707,105	2,108,558	842,394	635,775	607,000	624,963	781,553	25,303,682
(3) Fixed Cost Factor	(4) ÷ (2)	\$2.6865	\$2.2422	\$2.2352	\$2.2399	\$2.2307	\$2.2336	\$2.2363	\$2.2329	\$2.2338	\$2.2338	\$2.2338	\$2.2338	
(4) Low Load Revenue		\$4,481,800	\$7,863,100	\$10,194,822	\$8,557,677	\$7,672,336	\$6,046,626	\$4,715,368	\$1,880,951	\$1,420,195	\$1,355,917	\$1,396,043	\$1,745,833	\$57,330,667
(5) (b) High Load dth	Sch. 6, Sum[(22), (23), (29), (31)]	51,400	71,330	96,079	71,506	68,533	63,510	57,683	45,155	37,339	51,918	48,351	48,329	711,132
(6) Fixed Cost Factor	(7) ÷ (5)	\$1.9769	\$1.6783	\$1.6831	\$1.6779	\$1.6789	\$1.6768	\$1.6794	\$1.6786	1.6788	1.6788	1.6788	1.6788	
(7) High Load Revenue		\$101,611	\$119,710	\$161,708	\$119,981	\$115,060	\$106,494	\$96,872	\$75,795	\$62,685	\$87,159	\$81,171	\$81,135	\$1,209,381
(8) Sub-total throughput Dth	(2) + (5)	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	673,115	658,918	673,314	829,882	26,014,814
(9) FT-2 Storage Revenue from marketers		\$417,542	\$277,000	\$345,034	\$345,099	\$349,244	\$290,910	\$283,899	\$282,950	\$282,563	\$282,563	\$282,563	\$282,563	\$3,721,928
(10) Manchester Steet Volumes (dth)	Monthly Meter Use	0	0	0	0	0	0	0	0	0	0	0	0	0
(11) Fixed cost factor (dth)	Inherent in approved GCR	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	
(12) Manchester Street Revenue	(10) x (11)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(13) TOTAL FIXED REVENUE	(4) + (7) + (9) + (12)	\$5,000,953	\$8,259,810	\$10,701,564	\$9,022,756	\$8,136,639	\$6,444,030	\$5,096,139	\$2,239,697	\$1,765,443	\$1,725,639	\$1,759,777	\$2,109,531	\$62,261,976
(14) II. Variable Cost Revenue														
(15) (a) Firm Sales dth	(8)	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	673,115	658,918	673,314	829,882	26,014,814
(16) Variable Supply Cost Factor	(17) ÷ (15)	\$3.4454	\$2.9776	\$2.9690	\$2.9750	\$2.9630	\$2.9668	\$2.9704	\$2.9659	\$2.9671	\$2.9671	\$2.9671	\$2.9671	
(17) Variable Supply Revenue		\$5,925,044	\$10,654,292	\$13,827,326	\$11,578,998	\$10,394,325	\$8,219,796	\$6,434,515	\$2,632,380	\$1,997,199	\$1,955,074	\$1,997,790	\$2,462,342	\$78,079,082
(18) (b) TSS Sales dth	Sch. 6, line (20)	4,202	6,482	22,250	18,844	18,086	16,361	16,173	1,115					103,513
(19) TSS Surcharge Factor	Company's website	\$0.0000	\$0.2530	\$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) x (19)	\$0	\$1,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,640
(21) (c) Default Sales dth	Sch. 6, line (60)	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	0	0	0	0	56,156
(22) Variable Supply Cost Factor	(23) ÷ (21)	\$6.91	\$4.63	\$8.11	(\$2.13)	\$0.02	\$5.20	\$5.20	\$5.20	\$0.00	\$0.00	\$0.00	\$0.00	
(23) Variable Supply Revenue		\$31,139	\$40,644	\$221,435	\$5,207	\$105	\$30,394	\$26,509	\$7,855	\$0	\$0	\$0	\$0	\$363,288
(24) (d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(25) (e) Deferred Responsibility		\$1,729	\$28,212	\$0	\$8,892	\$1,500	\$1,969	\$1,679	\$919	\$0	\$0	\$0	\$0	\$44,900
(26) (e) FT-1 Storage and Peaking														
(27) Manchester Steet Volumes (dth)	Monthly Meter Use	0	0	0	0	0	0	0	0	0	0	0	0	0
(28) Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	
(29) Manchester Street Revenue	(27) x (28)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(30) TOTAL VARIABLE REVENUE	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$5,957,913	\$10,724,788	\$14,048,760	\$11,593,097	\$10,395,930	\$8,252,159	\$6,462,704	\$2,641,154	\$1,997,199	\$1,955,074	\$1,997,790	\$2,462,342	\$78,488,910
(31) Total GAS COST REVENUE (w/o FT-2)	(13) + (30)	\$10,958,866	\$18,984,598	\$24,750,324	\$20,615,853	\$18,532,569	\$14,696,189	\$11,558,842	\$4,880,850	\$3,762,642	\$3,680,713	\$3,757,567	\$4,571,873	\$140,750,886

WORKING CAPITAL

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>	<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)
(1) Supply Fixed Costs	Sch. 1, line (4)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,561,006	\$5,561,006	\$5,561,006	\$5,561,006	\$76,892,620
(2) Less System Pressure to DAC	Sch. 1, line (5)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(3) Plus: Supply Related LNG O&M Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4) Total Adjustments	(2) + (3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(5) Allowable Working Capital Costs	(1) + (4)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,561,006	\$5,561,006	\$5,561,006	\$5,561,006	\$76,892,620
(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	32.92
(7) Working Capital Requirement	[(5) x (6)] ÷ 365	\$570,725	\$779,736	\$779,082	\$769,951	\$775,878	\$502,141	\$250,480	\$500,862	\$501,557	\$501,557	\$501,557	\$501,557	\$501,557
(8) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%
(9) Return on Working Capital Requirement	(7) x (8)	\$40,693	\$55,595	\$55,549	\$54,898	\$55,320	\$35,803	\$17,859	\$35,711	\$35,761	\$35,761	\$35,761	\$35,761	\$35,761
(10) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%
(11) Interest Expense	(7) x (10)	\$13,697	\$18,714	\$18,698	\$18,479	\$18,621	\$12,051	\$6,012	\$12,021	\$12,037	\$12,037	\$12,037	\$12,037	\$12,037
(12) Taxable Income	(9) - (11)	\$26,995	\$36,881	\$36,851	\$36,419	\$36,699	\$23,751	\$11,848	\$23,691	\$23,724	\$23,724	\$23,724	\$23,724	\$23,724
(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	0.79
(14) Return and Tax Requirement	(12) ÷ (13)	\$34,171	\$46,685	\$46,646	\$46,100	\$46,454	\$30,065	\$14,997	\$29,988	\$30,030	\$30,030	\$30,030	\$30,030	\$30,030
(15) Supply Fixed Working Capital Requirement	(11) + (14)	\$47,869	\$65,399	\$65,344	\$64,578	\$65,076	\$42,116	\$21,009	\$42,009	\$42,067	\$42,067	\$42,067	\$42,067	\$581,669
(16) Supply Variable Costs	Sch. 1, line (20)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$74,956,252
(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)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20) Allowable Working Capital Costs	(16) + (19)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,691,573	\$1,407,352	\$1,713,032	\$2,971,456	\$74,956,252
(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	32.92
(22) Working Capital Requirement	[(20) x (21)] ÷ 365	\$836,134	\$1,175,131	\$1,192,340	\$1,067,712	\$758,818	\$567,500	\$269,046	\$191,757	\$152,566	\$126,932	\$154,501	\$268,001	\$268,001
(23) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%
(24) Return on Working Capital Requirement	(22) x (23)	\$59,616	\$83,787	\$85,014	\$76,128	\$54,104	\$40,463	\$19,183	\$13,672	\$10,878	\$9,050	\$11,016	\$19,108	\$19,108
(25) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%
(26) Interest Expense	(22) x (25)	\$20,067	\$28,203	\$28,616	\$25,625	\$18,212	\$13,620	\$6,457	\$4,602	\$3,662	\$3,046	\$3,708	\$6,432	\$6,432
(27) Taxable Income	(24) - (26)	\$39,549	\$55,584	\$56,398	\$50,503	\$35,892	\$26,843	\$12,726	\$9,070	\$7,216	\$6,004	\$7,308	\$12,676	\$12,676
(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	0.79
(29) Return and Tax Requirement	(27) ÷ (28)	\$50,062	\$70,359	\$71,389	\$63,928	\$45,433	\$33,978	\$16,109	\$11,481	\$9,135	\$7,600	\$9,251	\$16,046	\$16,046
(30) Supply Variable Working Capital Requirement	(26) + (29)	\$70,129	\$98,562	\$100,006	\$89,553	\$63,645	\$47,598	\$22,566	\$16,083	\$12,796	\$10,646	\$12,959	\$22,478	\$567,021

INVENTORY FINANCE

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Forecast</u> (i)	<u>Aug</u> <u>Forecast</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	<u>Nov-Oct</u> <u>Forecast</u> (m)
<u>Description</u>	<u>Reference</u>													
(1) Storage Inventory Balance		\$10,339,360	\$9,700,660	\$9,096,787	\$8,289,909	\$7,643,829	\$7,339,795	\$7,547,181	\$7,386,030	\$4,958,656	\$5,878,767	\$7,297,414	\$8,719,288	
(2) Monthly Storage Deferral/Amortization		\$1,112,206	\$853,815	\$505,549	\$202,220	\$1	\$157,781	\$559,506	\$1,024,123	\$0	\$0	\$0	\$0	
(3) Subtotal	(1) + (2)	\$11,451,566	\$10,554,475	\$9,602,336	\$8,492,129	\$7,643,830	\$7,497,576	\$8,106,687	\$8,410,153	\$4,958,656	\$5,878,767	\$7,297,414	\$8,719,288	
(4) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(5) Return on Working Capital Requirement	(3) x (4)	\$816,497	\$752,534	\$684,647	\$605,489	\$545,005	\$534,577	\$578,007	\$599,644	\$353,552	\$419,156	\$520,306	\$621,685	\$7,031,098
(6) Weighted Cost of Debt	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(7) Interest Charges Financed	(3) x (6)	\$274,838	\$253,307	\$230,456	\$203,811	\$183,452	\$179,942	\$194,560	\$201,844	\$119,008	\$141,090	\$175,138	\$209,263	\$2,366,709
(8) Taxable Income	(5) - (7)	\$541,659	\$499,227	\$454,190	\$401,678	\$361,553	\$354,635	\$383,446	\$397,800	\$234,544	\$278,066	\$345,168	\$412,422	
(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) ÷ (9)	\$685,644	\$631,933	\$574,925	\$508,453	\$457,662	\$448,906	\$485,375	\$503,545	\$296,892	\$351,982	\$436,921	\$522,054	\$5,904,290
(11) Working Capital Requirement	(7) + (10)	\$960,482	\$885,240	\$805,381	\$712,264	\$641,114	\$628,847	\$679,936	\$705,388	\$415,899	\$493,072	\$612,059	\$731,316	\$8,270,999
(12) Monthly Average	(11) ÷ 12	\$80,040	\$73,770	\$67,115	\$59,355	\$53,426	\$52,404	\$56,661	\$58,782	\$34,658	\$41,089	\$51,005	\$60,943	\$689,250
(13) LNG Inventory Balance		\$3,642,329	\$3,527,431	\$3,434,662	\$3,540,226	\$3,479,444	\$3,415,916	\$3,359,565	\$3,303,365	\$2,053,582	\$1,985,272	\$2,419,034	\$2,416,974	
(14) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(15) Return on Working Capital Requirement	(13) x (14)	\$259,698	\$251,506	\$244,891	\$252,418	\$248,084	\$243,555	\$239,537	\$235,530	\$146,420	\$141,550	\$172,477	\$172,330	\$2,607,997
(16) Weighted Cost of Debt	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(17) Interest Charges Financed	(13) x (16)	\$87,416	\$84,658	\$82,432	\$84,965	\$83,507	\$81,982	\$80,630	\$79,281	\$49,286	\$47,647	\$58,057	\$58,007	\$877,867
(18) Taxable Income	(15) - (17)	\$172,282	\$166,847	\$162,460	\$167,453	\$164,578	\$161,573	\$158,907	\$156,249	\$97,134	\$93,903	\$114,420	\$114,323	
(19) 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	
(20) Return and Tax Requirement	(18) ÷ (19)	\$218,079	\$211,199	\$205,645	\$211,965	\$208,326	\$204,523	\$201,149	\$197,784	\$122,955	\$118,865	\$144,836	\$144,712	\$2,190,038
(21) Working Capital Requirement	(17) + (20)	\$305,495	\$295,858	\$288,077	\$296,931	\$291,833	\$286,505	\$281,778	\$277,065	\$172,241	\$166,512	\$202,893	\$202,720	\$3,067,905
(22) Monthly Average	(21) ÷ 12	\$25,458	\$24,655	\$24,006	\$24,744	\$24,319	\$23,875	\$23,482	\$23,089	\$14,353	\$13,876	\$16,908	\$16,893	\$255,659
(23) TOTAL GCR Inventory Financing Costs	(12) + (22)	\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$49,012	\$54,965	\$67,913	\$77,836	\$944,909

Actual Dth Usage for Filing

	<u>Nov</u> <u>Actual</u>	<u>Dec</u> <u>Actual</u>	<u>Jan</u> <u>Actual</u>	<u>Feb</u> <u>Actual</u>	<u>Mar</u> <u>Actual</u>	<u>Apr</u> <u>Actual</u>	<u>May</u> <u>Actual</u>	<u>Jun</u> <u>Actual</u>	<u>Jul</u> <u>Forecast</u>	<u>Aug</u> <u>Forecast</u>	<u>Sep</u> <u>Forecast</u>	<u>Oct</u> <u>Forecast</u>	<u>Nov-Oct</u> <u>(m)</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
THROUGHPUT (Dth)													
Rate Class													
(1) SALES													
(2) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	13,192	12,870	12,955	17,210	325,811
(3) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	0	0	0	0	14,228
(4) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	459,638	438,537	451,733	606,383	17,920,465
(5) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	0	0	0	0	1,411,719
(6) Small C&I	132,899	324,135	424,272	391,679	298,414	221,149	153,668	56,287	48,264	48,825	56,322	37,859	2,193,773
(7) Medium C&I	215,214	431,392	521,280	459,434	405,100	296,219	218,546	110,408	115,537	110,138	107,676	120,301	3,111,244
(8) Large LLF	37,707	72,990	105,970	78,205	72,828	55,257	42,207	8,942	11,625	9,142	8,578	13,780	517,230
(9) Large HLF	18,555	22,601	28,766	23,415	22,386	20,259	16,298	15,457	18,533	18,154	20,698	21,670	246,793
(10) Extra Large LLF	4,006	6,814	8,456	7,463	8,239	5,026	4,780	1,938	713	358	654	3,230	51,677
(11) Extra Large HLF	9,050	9,917	16,323	7,276	5,272	4,200	6,309	9,362	5,614	20,893	14,698	9,449	118,361
(12) Total SALES	1,715,485	3,571,667	4,634,958	3,873,286	3,489,921	2,754,254	2,150,069	886,434	673,115	658,918	673,314	829,882	25,911,301
(13) TSS													
(14) Small	183	797	2,489	2,202	1,961	1,540	1,150	2	0	0	0	0	10,325
(15) Medium	1,075	3,761	10,854	10,469	11,126	9,614	12,156	1,113	0	0	0	0	60,168
(16) Large LLF	2,666	1,497	8,266	5,478	3,789	3,946	1,440	0	0	0	0	0	27,083
(17) Large HLF	278	426	642	695	1,209	1,261	1,427	0	0	0	0	0	5,938
(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	4,202	6,482	22,250	18,844	18,086	16,361	16,173	1,115	0	0	0	0	103,513
(21) Sales & TSS THROUGHPUT													
(22) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	13,192	12,870	12,955	17,210	325,811
(23) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	0	0	0	0	14,228
(24) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	459,638	438,537	451,733	606,383	17,920,465
(25) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	0	0	0	0	1,411,719
(26) Small C&I	133,082	324,932	426,761	393,882	300,376	222,689	154,817	56,289	48,264	48,825	56,322	37,859	2,204,097
(27) Medium C&I	216,289	435,153	532,134	469,902	416,227	305,833	230,702	111,521	115,537	110,138	107,676	120,301	3,171,412
(28) Large LLF	40,373	74,487	114,235	76,618	59,203	43,647	30,707	8,942	11,625	9,142	8,578	13,780	544,312
(29) Large HLF	18,834	23,027	29,408	24,110	23,595	21,519	17,725	15,457	18,533	18,154	20,698	21,670	252,731
(30) Extra Large LLF	4,006	6,814	8,456	7,463	8,239	5,026	4,780	1,938	713	358	654	3,230	51,677
(31) Extra Large HLF	9,050	9,917	16,323	7,276	5,272	4,200	6,309	9,362	5,614	20,893	14,698	9,449	118,361
(32) Total SALES & TSS THROUGHPUT	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	673,115	658,918	673,314	829,882	26,014,814
(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	53,139	99,181	95,693	81,537	68,651	39,875	38,431	4,978	23,999	23,285	23,845	39,678	592,290
(36) FT-1 Large LLF	68,022	155,934	159,940	126,285	106,814	72,569	60,840	(1,617)	17,121	15,023	18,047	51,830	850,807
(37) FT-1 Large HLF	35,389	52,761	54,759	52,024	41,698	32,983	24,926	16,851	40,963	41,603	48,490	50,049	492,496
(38) FT-1 Extra Large LLF	111,045	203,164	195,580	168,091	146,577	100,362	77,008	(7,572)	28,022	24,724	29,120	79,587	1,155,708
(39) FT-1 Extra Large HLF	497,179	511,433	574,478	549,787	456,170	487,905	414,021	367,817	454,218	447,887	480,789	508,657	5,750,342
(40) Default	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	0	0	0	0	56,156
(41) TOTAL FT-1 TRANSPORTATION	769,282	1,031,253	1,107,744	975,284	825,471	739,538	620,323	381,967	564,322	552,522	600,291	729,800	8,897,799
(42) FT-2 TRANSPORTATION													
(43) FT-2 Small	10,620	24,989	32,330	27,897	25,796	19,347	14,451	5,709	3,703	2,894	(1,887)	8,462	174,310
(44) FT-2 Medium	136,235	258,296	315,596	271,771	253,296	190,183	144,794	64,652	60,405	54,995	54,174	61,116	1,865,514
(45) FT-2 Large LLF	101,167	205,211	247,984	220,822	201,996	156,577	115,345	36,944	24,142	19,266	18,601	29,982	1,378,036
(46) FT-2 Large HLF	45,680	63,038	83,507	67,890	65,872	57,204	48,678	41,195	32,378	31,245	34,797	34,905	606,389
(47) FT-2 Extra Large LLF	1,610	10,059	12,201	10,319	9,785	6,806	3,406	1,492	6	6	105	385	56,174
(48) FT-2 Extra Large HLF	40,682	55,588	42,762	36,927	42,387	34,018	25,434	33,930	31,307	32,759	39,847	37,295	452,935
(49) Total FT-2 TRANSPORTATION	335,993	617,179	734,380	635,627	599,132	464,135	352,108	183,922	151,935	141,166	145,637	172,145	4,533,359
(50) Total THROUGHPUT													
(51) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	13,192	12,870	12,955	17,210	325,811
(52) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	0	0	0	0	14,228
(53) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	459,638	438,537	451,733	606,383	17,920,465
(54) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	0	0	0	0	1,411,719
(55) Small C&I	143,702	349,921	459,091	421,778	326,172	242,036	169,268	61,998	51,967	51,719	54,435	46,321	2,378,408
(56) Medium C&I	405,663	792,629	943,423	823,210	738,174	535,891	413,927	181,151	199,940	188,417	185,696	221,094	5,629,215
(57) Large LLF	209,562	435,633	522,159	430,790	385,427	288,349	219,831	44,269	52,887	43,431	45,226	95,592	2,773,155
(58) Large HLF	99,903	138,826	167,674	144,024	131,166	111,706	91,329	73,503	91,875	91,003	103,985	106,623	1,351,617
(59) Extra Large LLF	116,661	220,037	216,237	185,873	164,601	112,194	85,194	(4,141)	28,734	25,089	29,879	83,202	1,263,559
(60) Extra Large HLF	546,911	576,937	633,563	593,990	503,828	526,123	445,764	411,110	491,138	501,539	535,334	555,401	6,321,639
(61) Default	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	0	0	0	0	56,156
(62) Total THROUGHPUT	2,824,963	5,226,581	6,499,333	5,503,040	4,932,610	3,974,288	3,138,673	1,453,439	1,389,371	1,352,605	1,419,243	1,731,827	39,445,972