

January 20, 2016

#### VIA HAND DELIVERY & ELECTRONIC MAIL

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

> RE: **Docket 4576 - Gas Cost Recovery Filing (GCR) Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid<sup>1</sup> I am submitting ten (10) copies of the Company's monthly filing of gas costs and gas-cost revenue data.

The deferred balance report that is attached covers the 12-month period from November 1, 2015 through October 31, 2016. Based on two months of actual data and ten months of projected data, the deferred gas cost balance at the end of October 2016 is an underrecovery of approximately \$1.2 million (See attached Schedule 1, page 1). This calculation is based on the November 1, 2015 starting under-collected balance of \$11.9 million, plus the actual gas costs and gas cost revenue for the period of November 1, 2015 through December 31, 2015 and projected gas costs and gas cost revenue for the period of January 1, 2016 through October 31, 2016. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of January 8, 2016.

Details of this deferred balance report are provided on the attached schedules. Schedule 1 summarizes the deferred gas cost activity by GCR category and by month. Schedule 2 provides a breakdown of actual gas costs for November 1, 2015 through December 31, 2015 and revised projected gas costs for January 1, 2016 through October 31, 2016. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2015 through October 31, 2016. Schedule 4 shows the calculation of working capital. The calculation of inventory finance charges is presented on Schedule 5. Schedule 6 presents customer class specific throughput.

<sup>&</sup>lt;sup>1</sup>The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

Luly E. Massaro, Commission Clerk Docket 4576 – GCR Deferred Report January 20, 2016 Page 2 of 2

Thank you for your attention to this transmittal. If you have any questions, please contact me at 401-784-7288.

Very truly yours,

Jennifer Brooks Hutchinson

## Enclosure

cc: Docket 4576 Service List

Leo Wold, Esq. Steve Scialabba Bruce Oliver

## Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

Paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

January 20, 2016

Date

# Docket No. 4576 – National Grid – 2015 Annual Gas Cost Recovery Filing ("GCR") - Service List as of 9/18/15

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Office of Energy Resources	Christopher.Kearns@energy.ri.gov;	
Christopher Kearns Nicholas Ucci	Nicholas.ucci@energy.ri.gov;	

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

Line															
No.	<u>Description</u>	Reference		ъ.	•	F.1	3.6		34				6	0.4	N. 0.4
			Nov Actual	Dec Actual	Jan Forecast	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	29	31	30	31	30	31	31	30	31	366
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
2 1	I. Fixed Cost Deferred														
3	Beginning Balance		(\$2,895,427)	(\$1,771,176)	(\$2,314,557)	(\$4,677,785)	(\$7,044,147)	(\$8,914,452)	(\$9,428,585)	(\$8,572,404)	(\$6,912,225)	(\$4,784,182)	(\$2,535,632)	(\$361,421)	(\$2,895,427)
4	88		(+=,0,+,1=+)	(+-,-,-,-,-,	(+=,=+,,=++,)	(+ 1,= 1 1, 1 = 2)	(+1,+1,-1,)	(+++,,	(+>, -=, -=,	(++,++=,+++)	(++,,-=,==+)	(+ 1,10 1,102)	(+=,+++,++=)	(4001,121)	(+=,+,+,+,)
5	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,748,291	\$3,521,947	\$3,707,764	\$3,706,255	\$3,707,764	\$3,861,680	\$3,862,353	\$3,861,680	\$3,862,353	\$3,862,353	\$3,861,680	\$3,862,353	\$45,426,472
6	LNG Demand to DAC	Dkt 4339	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
7	Supply Related LNG O & M	Dkt 4323	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
8	NGPMP Credits		(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$9,400,000)
9	Working Capital	Sch. 4, line 15	\$20,867	\$19,564	\$20,634	\$20,625	\$20,634	\$21,520	\$21,524	\$21,520	\$21,524	\$21,524	\$21,520	\$21,524	\$252,976
10 11	Total Supply Fixed Costs Supply Fixed - Revenue	sum[(4):(9)]	\$2,909,723 \$1,724,573	\$2,682,077 \$3,223,290	\$2,868,963 \$5,228,481	\$2,867,446 \$5,227,990	\$2,868,963 \$4,730,801	\$3,023,766 \$3,528,480	\$3,024,442 \$2,158,711	\$3,023,766 \$1,355,636	\$3,024,442 \$890,194	\$3,024,442 \$772,008	\$3,023,766 \$848,067	\$3,024,442 \$1,104,529	\$35,366,239 \$30,792,764
11	Prelim. Ending Balance	Sch. 3, line 13 (3) + (10) - (11)	(\$1,710,277)	(\$2,312,389)	(\$4,674,075)	(\$7,038,329)	(\$8,905,985)	(\$9,419,167)	(\$8,562,854)	(\$6,904,275)	(\$4,777,977)	(\$2,531,748)	(\$359,933)	\$1,558,492	\$1,678,048
13	Month's Average Balance	$[(3) + (10)^{2}(11)$ [(3) + (12)]/2	(\$2,302,852)	(\$2,041,783)	(\$3,494,316)	(\$5,858,057)	(\$7,975,066)	(\$9,166,809)	(\$8,995,719)	(\$7,738,339)	(\$5,845,101)	(\$3,657,965)	(\$1,447,783)	\$598,536	\$1,070,040
14	Interest Rate (BOA Prime minus 200 bps)	[(3)   (12)] / 2	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$2,366)	(\$2,168)	(\$3,710)	(\$5,818)	(\$8,467)	(\$9,418)	(\$9,550)	(\$7,950)	(\$6,205)	(\$3,883)	(\$1,487)	\$635	(\$60,387)
16	Marketer Reconcilation	Dkt 4576	(\$58,533)	(, , , , ,	(1-77)	(,,,,	(, -, -,	(,,,,,,	(,,,,,,,	(, ,, , , ,	(,,,,,,,	(,,,,,,,	(, , ,		(\$58,533)
17	Fixed Ending Balance	(12) + (15) + (16)	(\$1,771,176)	(\$2,314,557)	(\$4,677,785)	(\$7,044,147)	(\$8,914,452)	(\$9,428,585)	(\$8,572,404)	(\$6,912,225)	(\$4,784,182)	(\$2,535,632)	(\$361,421)	\$1,559,128	\$1,617,661
19 1	II. Variable Cost Deferred														
19	Beginning Balance		\$14,821,207	\$15,099,370	\$16,936,360	\$17,972,624	\$18,156,806	\$14,494,219	\$7,885,141	\$4,066,883	\$1,953,838	\$1,213,844	\$832,712	\$38,643	\$14,821,207
20	Degining Datate		ψ11,021,207	Ψ10,077,070	φ10,550,500	ψ17,772,021	Ψ10,120,000	911,171,217	Ψ7,000,111	ψ1,000,000	ψ1,723,030	91,215,011	4032,712	ψ50,015	ψ11,021,207
21	Variable Supply Costs	Sch. 2, line 76	\$7,164,301	\$13,003,521	\$19,680,659	\$18,851,568	\$13,216,167	\$5,849,995	\$3,556,528	\$2,285,556	\$1,924,925	\$1,841,314	\$1,708,108	\$2,988,019	\$92,070,661
22	Supply Related LNG to DAC	Dkt 4339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Supply Related LNG O & M	Dkt 4323	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$572,694
24	Inventory Financing - LNG	Sch. 5, line 22	\$30,581	\$29,688	\$18,132	\$18,349	\$16,349	\$20,313	\$24,505	\$28,656	\$33,007	\$33,504	\$37,748	\$37,832	\$328,663
25	Inventory Financing - UG	Sch. 5, line 12	\$101,791	\$96,132	\$48,977	\$33,554	\$19,944	\$27,884	\$35,146	\$42,557	\$49,966	\$57,391	\$65,595	\$72,771	\$651,709
26	Working Capital	Sch. 4, line 30	\$41,249	\$74,869	\$113,314	\$108,540	\$76,094	\$33,682	\$20,477	\$13,159	\$11,083	\$10,602	\$9,835	\$17,204	\$530,107
27	Total Supply Variable Costs	sum[(20):(26)]	\$7,385,647	\$13,251,935	\$19,908,806	\$19,059,735	\$13,376,278	\$5,979,599	\$3,684,381	\$2,417,652	\$2,066,706	\$1,990,535	\$1,869,010	\$3,163,549	\$94,153,834
28	Supply Variable - Revenue	Sch. 3, line 30	\$7,122,847	\$11,516,237	\$18,891,062	\$18,893,486	\$17,056,187	\$12,600,168	\$7,508,980	\$4,533,788	\$2,808,380	\$2,372,753	\$2,663,527	\$3,610,893	\$109,578,308
29 30	Prelim. Ending Balance Month's Average Balance	(19) + (27) - (28)	\$15,084,008 \$14,952,608	\$16,835,068 \$15,967,219	\$17,954,104 \$17,445,232	\$18,138,873 \$18,055,749	\$14,476,897 \$16,316,851	\$7,873,650 \$11,183,935	\$4,060,542 \$5,972,841	\$1,950,747 \$3,008,815	\$1,212,164 \$1,583,001	\$831,627 \$1,022,736	\$38,195 \$435,454	(\$408,701) (\$185,029)	(\$603,267)
31	Interest Rate (BOA Prime minus 200 bps)	[(19) + (29)] / 2	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
32	Interest Applied	[(30) * (31)] / 365 * (1)	\$15,362	\$16,951	\$18,521	\$17,932	\$17.323	\$11,490	\$6,341	\$3,091	\$1,681	\$1,086	\$447	(\$196)	\$110.029
33	Gas Procurement Incentive/(penalty)	((30) (31)), 303 (1)	\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
	Variable Ending Balance	(29) + (32) + (33)	\$15,099,370	\$16,936,360	\$17,972,624	\$18,156,806	\$14,494,219	\$7,885,141	\$4,066,883	\$1,953,838	\$1,213,844	\$832,712	\$38,643	(\$408,898)	(\$408,898)
35	GCR Deferred Summary														
36	Beginning Balance	(3) + (19)	\$11,925,780	\$13,328,194	\$14,621,803	\$13,294,839	\$11,112,659	\$5,579,767	(\$1,543,444)	(\$4,505,521)	(\$4,958,387)	(\$3,570,338)	(\$1,702,919)	(\$322,778)	\$11,925,780
37	Gas Costs	sum[(4):(7),(16),(20):(23)]	\$10,825,682	\$16,497,092	\$23,360,047	\$22,529,447	\$16,895,554	\$9,683,299	\$7,390,505	\$6,118,860	\$5,758,902	\$5,675,291	\$5,541,412	\$6,821,996	\$137,098,086
38	Inventory Finance	(24) + (25)	\$132,373	\$125,820	\$67,108	\$51,903	\$36,293	\$48,198	\$59,651	\$71,212	\$82,973	\$90,895	\$103,343	\$110,602	\$980,372
39	Working Capital	(9) + (26)	\$62,116	\$94,433	\$133,947	\$129,165	\$96,727	\$55,202	\$42,001	\$34,679	\$32,607	\$32,125	\$31,354	\$38,727	\$783,083
40	NGPMP Credits	(8)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$9,400,000)
41	Total Costs	sum[(37):(40)]	\$10,236,837	\$15,934,012	\$22,777,769	\$21,927,181	\$16,245,241	\$9,003,365	\$6,708,823	\$5,441,418	\$5,091,148	\$5,014,978	\$4,892,775	\$6,187,992	\$129,461,540
42	Revenue	(11) + (28)	\$8,847,420	\$14,739,527	\$24,119,543	\$24,121,476	\$21,786,988	\$16,128,648	\$9,667,691	\$5,889,424	\$3,698,574	\$3,144,761	\$3,511,594	\$4,715,422	\$140,371,071
43	Prelim. Ending Balance	(36) + (41) - (42)	\$13,315,198	\$14,522,679	\$13,280,029	\$11,100,544	\$5,570,911	(\$1,545,516)	(\$4,502,312)	(\$4,953,528)	(\$3,565,813)	(\$1,700,122)	(\$321,738)	\$1,149,791	3140,371,071
44	Month's Average Balance	[(36) + (43)] / 2	\$12,620,489	\$13,925,437	\$13,950,916	\$12,197,692	\$8,341,785	\$2,017,126	(\$3,022,878)	(\$4,729,525)	(\$4,262,100)	(\$2,635,230)	(\$1,012,329)	\$413,506	
45	Interest Rate (BOA Prime minus 200 bps)	(100) - (10) -	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
46	Interest Applied	(15) + (32)	\$12,996	\$14,784	\$14,811	\$12,114	\$8,856	\$2,072	(\$3,209)	(\$4,859)	(\$4,525)	(\$2,798)	(\$1,040)	\$439	\$49,642
47	Gas Purchase Plan Incentives/(Penalties)	(33)	\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
48 49	Ending Bal. W/ Interest	(43) + (46) + (47)	\$13,328,194	\$14,621,803	\$13,294,839	\$11,112,659	\$5,579,767	(\$1,543,444)	(\$4,505,521)	(\$4,958,387)	(\$3,570,338)	(\$1,702,919)	(\$322,778)	\$1,150,230	\$1,150,230

## **Supply Estimates and Actuals for Filing**

		<u>Nov</u> <u>Actual</u> (a)	Dec Actual (b)	Jan Forecast (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct
	Projected Gas Costs using 1/8/2016 NYMEX settled		(·/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\-/	· · /	` '	(8)	` /		97	. ,	· · ·	. ,
Line	Description	Reference												
No.	-													
1	SUPPLY FIXED COSTS - Pipeline Delivery													
2	Algonquin (includes East to West, Hubline, AMA credits)	\$784,0	89 \$836,387	\$820,150	\$820,150	\$820,150	\$824,150	\$824,150	\$824,150	\$824,150	\$824,150	\$824,150	\$824,150	\$9,849,971
3	TETCO/Texas Eastern	\$722,0	17 \$722,257	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$722,078	\$8,665,056
4	Tennessee	\$930,6	976,328	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$1,002,556	\$11,932,491
5	NETNE		\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois	\$6,6		\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$80,115
7	Union		\$0 \$0	\$2,240	\$2,096	\$2,240	\$2,168	\$2,240	\$2,168	\$2,240	\$2,240	\$2,168	\$2,240	\$22,040
8	Transcanada		\$0 \$0	\$13,589	\$12,712	\$13,589	\$13,150	\$13,589	\$13,150	\$13,589	\$13,589	\$13,150	\$13,589	\$133,696
9	Dominion	\$2,2		\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$26,871
10	Transco	\$4,8		\$5,032	\$4,545	\$5,032	\$4,869	\$5,032	\$4,869	\$5,032	\$5,032	\$4,869	\$5,032	\$59,245
11	National Fuel	\$4,6		\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$4,667	\$55,913
12	Columbia	\$340,8		\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$290,947	\$3,539,508
13	Alberta Northeast	\$3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
14	Less Credits from Mkter Releases	(\$639,1		(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$508,753)	(\$6,384,408)
			\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.5	Constanting to the Constanting													
15	Supply Fixed - Supplier		20 00	60	60	¢0	¢o.	¢0	¢o.	¢0	60	¢o.	60	60
16	Distrigas FCS		\$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
17			90 20	\$0	\$0	\$0	\$0	\$0	\$0	20	\$0	\$0	20	20
18	STORAGE FIXED COSTS - Facilities													
19	Texas Eastern	\$85,0	22 \$84,962	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$95,059	\$1,120,575
20	Dominion	\$82,9	19 \$82,949	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$82,967	\$995,572
21	Tennessee	\$42,2	71 \$48,337	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$49,804	\$588,648
22	Columbia	\$20,6	98 \$3,477	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$121,026
22	CTORACE FIVED COCTS Deliceron													
23	STORAGE FIXED COSTS - Delivery	4015	6015 105	6015 405	6015 405	¢015.425	6215 425	6015 405	CO15 425	6015 405	6215 425	¢215 425	£215 425	62 505 222
24 25	Algonquin	\$215,4 \$87,5		\$215,436	\$215,436	\$215,436	\$215,436 \$87,599	\$215,436 \$87,599	\$215,436 \$87,599	\$215,436	\$215,436 \$87,599	\$215,436 \$87,599	\$215,436 \$87,599	\$2,585,230
25 26	TETCO			\$87,599	\$87,599	\$87,599				\$87,599 \$91,219				\$1,051,186
26 27	Tennessee	\$91,2 \$30,6		\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$91,219 \$30,695	\$1,094,622 \$368,340
28	Dominion Columbia	\$30,6 \$15,1		\$15,171		\$30,693 \$15,171	\$15,171	\$30,693 \$15,171	\$15,171	\$30,693 \$15,171	\$15,171	\$30,693 \$15,171	\$15,171	\$182,049
20	Columbia	\$13,1	11 \$15,171	\$13,171	\$15,171	\$13,171	\$15,171	\$13,171	\$13,171	\$13,171	\$15,171	\$15,171	\$15,171	\$182,049
29	Confidential Pipelinne and Peaking Supplies	\$920,1	25 \$676,693	\$668,707	\$668,707	\$668,707	\$819,296	\$819,296	\$819,296	\$819,296	\$819,296	\$819,296	\$819,296	\$9,338,012
		**,-	, , , , ,				,	,	,	,	,		,	,
30	TOTAL FIXED COSTS	sum[(2):(29)] \$3,748,2	91 \$3,521,947	\$3,707,764	\$3,706,255	\$3,707,764	\$3,861,680	\$3,862,353	\$3,861,680	\$3,862,353	\$3,862,353	\$3,861,680	\$3,862,353	\$45,426,472

## **Supply Estimates and Actuals for Filing**

	Projected Gas Costs using 1/8/2016 NYMEX settled		Nov Actual (a)	Dec Actual (b)	Jan Forecast (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
Line <u>No.</u>		Reference													
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)				\$2,301,632	\$2,675,724	\$1,502,016	\$1,303,289	\$966,802	\$824,734	\$872,721	\$833,790	\$541,238	\$944,432	\$12,766,377
33	TETCO (Includes B&W)				\$102,052	\$126,848	\$123,961	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,862
34	M3 Delivered				\$948,792	\$1,175,978	\$756,086	\$2,539,845	\$486,783	\$1,002,869	\$0	\$0	\$936,350	\$439,434	\$8,286,137
35	Maumee				\$1,784,242	\$1,831,502	\$1,254,716	\$209,216	\$0	\$0	\$0	\$0	\$0	\$0	\$5,079,676
36 37	Broadrun Col Columbia Eagle and Downingtown				\$708,853 \$648,156	\$650,060 \$837,857	\$456,326 \$585,551	\$26,740 \$149,435	\$0 \$74,435	\$0 \$69.325	\$0 \$67,111	\$0 \$78.992	\$0 \$43,553	\$0 \$24.592	\$1,841,979 \$2,579,007
38	TETCO M2				\$1,281,253	\$1,651,806	\$1,598,365	\$149,433 \$463,706	\$1,441,969	\$478,055	\$1,228,924	\$1,122,917	\$45,333 \$564,723	\$24,392 \$1.530.653	\$11,362,372
39	Dominion to TETCO FTS				\$25.023	\$29,090	\$28,657	\$403,700	\$1,441,909	\$478,033	\$1,228,924	\$1,122,917	\$304,723	\$1,550,055	\$82,770
40	Transco Leidy				\$55,313	\$57,706	\$60,948	\$64,442	\$59,742	\$46,821	\$40,770	\$35,878	\$33.916	\$53,895	\$509,430
41	DistriGas FCS				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	Hubline				\$635,952	\$1,078,800	\$176,631	\$20,668	\$0	\$0	\$0	\$0	\$0	\$0	\$1,912,051
43	Total Pipeline Commodity Charges	sum[(32):(42)]	\$2,817,640	\$5,590,786	\$8,491,267	\$10,115,371	\$6,543,258	\$4,777,341	\$3,029,730	\$2,421,804	\$2,209,526	\$2,071,577	\$2,119,779	\$2,993,007	\$53,181,087
44	Hedging Settlements and Amortization		\$2,827,644	\$5,622,697	\$5,960,230	\$4,984,443	\$4,004,048	\$1,741,531	\$1,227,349	\$611,375	\$499,089	\$577,647	\$500,972	\$780,036	\$29,337,061
45	Hedging Contracts - Commission & Other Fees		\$168,614	\$804,160	\$857,196	\$807,763	\$712,809	\$7,820	\$0	\$0	\$0	\$0	\$0	\$0	\$3,358,362
46	Hedging Contracts - Net Carry of Collateral		\$14,953	\$14,864	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,816
47	Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48	Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	(\$788,917)	(\$795,885)	(\$834,266)	(\$871,022)	(\$893,407)	(\$994,972)	(\$869,478)	(\$6,047,946)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,828,851	\$12,032,506	\$15,308,693	\$15,907,578	\$11,260,115	\$5,737,775	\$3,461,195	\$2,198,914	\$1,837,592	\$1,755,817	\$1,625,779	\$2,903,565	\$79,858,380
50	Underground Storage		\$677,039	\$398,548	\$1,955,184	\$1,842,536	\$1,628,156	\$10,104	\$0	\$0	\$0	\$0	\$0	\$0	\$6,511,567
51	LNG Withdrawals and Trucking		\$107,834	\$84,350	\$2,277,544	\$969,796	\$209,608	\$100,966	\$95,333	\$86,642	\$87,333	\$85,497	\$82,329	\$84,454	\$4,271,688
52	Storage Delivery Costs		\$0	\$0	\$139,238	\$131,657	\$118,287	\$1,150	\$0	\$0	\$0	\$0	\$0	\$0	\$390,333
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$784,873	\$482,898	\$4,371,967	\$2,943,990	\$1,956,052	\$112,220	\$95,333	\$86,642	\$87,333	\$85,497	\$82,329	\$84,454	\$11,173,588
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,613,724	\$12,515,404	\$19,680,659	\$18,851,568	\$13,216,167	\$5,849,995	\$3,556,528	\$2,285,556	\$1,924,925	\$1,841,314	\$1,708,108	\$2,988,019	\$91,031,967
55	TOTAL SUPPLY COSTS	(30) + (54)	\$10,362,015	\$16,037,351	\$23,388,423	\$22,557,823	\$16,923,931	\$9,711,675	\$7,418,881	\$6,147,236	\$5,787,278	\$5,703,667	\$5,569,788	\$6,850,372	\$136,458,439

## **Supply Estimates and Actuals for Filing**

			<u>Nov</u> Actual	Dec	Jan Forecast	Feb Forecast	Mar E	Apr E	May E	Jun Forecast	Jul Forecast	Aug Et	Sep Forecast	Oct	Nov-Oct
			(a)	Actual (b)	(c)	(d)	Forecast (e)	Forecast (f)	Forecast (g)	(h)	(i)	Forecast (j)	(k)	Forecast (1)	(m)
	Projected Gas Costs using 1/8/2016 NYMEX settled		(a)	(0)	(C)	(u)	(e)	(1)	(g)	(11)	(1)	())	(K)	(1)	(III)
Line	Description	Reference													
No.	<u>Description</u>	Kererence													
NO.															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$394,591	\$383,465	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$4,790,701
58	Storage Fixed Costs - Deliveries		\$1,305,744	\$1,062,866	\$894,119	\$894,119	\$894,119	\$1,044,708	\$1,044,708	\$1,044,708	\$1,044,708	\$1,044,708	\$1,044,708	\$1,044,708	\$12,363,925
59	sub-total Storage Costs	sum[(56):(57)]	\$1,700,335	\$1,446,331	\$1,295,383	\$1,295,383	\$1,295,383	\$1,445,973	\$1,445,973	\$1,445,973	\$1,445,973	\$1,445,973	\$1,445,973	\$1,445,973	\$17,154,626
60	LNG Demand to DAC		(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
61	Inventory Financing		\$132,373	\$125,820	\$67,108	\$51,903	\$36,293	\$48,198	\$59,651	\$71,212	\$82,973	\$90,895	\$103,343	\$110,602	\$980,372
62	Supply related LNG O&M Costs		\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
63	Working Capital Requirement		\$20,867	\$19,564	\$20,634	\$20,625	\$20,634	\$21,520	\$21,524	\$21,520	\$21,524	\$21,524	\$21,520	\$21,524	\$252,976
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,777,474	\$1,515,614	\$1,307,025	\$1,291,811	\$1,276,209	\$1,439,589	\$1,451,047	\$1,462,604	\$1,474,369	\$1,482,291	\$1,494,734	\$1,501,998	\$17,474,765
65	System Storage MDQ (Dth)		193,596	169,835	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	1,856,682
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.1813	\$8.9240	\$8.7529	\$8.6510	\$8.5465	\$9.6406	\$9.7174	\$9.7948	\$9.8736	\$9.9266	\$10.0099	\$10.0586	\$9.4118
67	Pipeline Variable	(54)	\$6,613,724	\$12,515,404	\$19,680,659	\$18.851.568	\$13,216,167	\$5.849.995	\$3,556,528	\$2,285,556	\$1,924,925	\$1,841,314	\$1,708,108	\$2,988,019	\$91,031,967
68	Less Non-firm Gas Costs	(3.)	(\$59,229)	(\$117,023)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$176,252)
69	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	Mkter Over-takes/Undertakes		\$143,247	\$113,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$256,710
74	Plus Pipeline Srchg/Credit		\$449,140	\$490,398	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$939,538
75	Less Mkter FT-2 Daily weather true-up		\$17,419	\$1,278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,698
	-														
76	TOTAL FIRM COMMODITY COSTS	sum[(67):(75)]	\$7,164,301	\$13,003,521	\$19,680,659	\$18,851,568	\$13,216,167	\$5,849,995	\$3,556,528	\$2,285,556	\$1,924,925	\$1,841,314	\$1,708,108	\$2,988,019	\$92,070,661

#### **GCR Revenue**

			Nov Actual (a)	Dec Actual (b)	Jan Forecast (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct
	Description	Reference	(-)	(=)	(-)	(-)	(-)	(-)	(8)	()	(-)	0/	()	(-)	()
Line No.															
1	I. Fixed Cost Revenue														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,316,256	2,596,037	4,342,169	4,338,370	3,905,629	2,869,508	1,700,670	1,007,693	606,903	503,149	561,628	785,129	24,533,141
3	Fixed Cost Factor	(4) / (2)	\$1.1375	\$1.1494 \$2.983.958	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	\$1.1421	£20 022 214
4	Low Load Revenue		\$1,497,286	\$2,983,938	\$4,959,191	\$4,954,852	\$4,460,619	\$3,277,265	\$1,942,336	\$1,150,886	\$693,144	\$574,647	\$641,436	\$896,695	\$28,032,314
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	72,391	103,495	141,824	146,199	142,837	121,275	81,665	68,449	59,695	60,049	70,588	71,955	1,140,422
6	Fixed Cost Factor	(7) / (5)	\$0.9169	\$0.8845	\$0.8796	\$0.8796	\$0.8796	\$0.8796	\$0.8796	\$0.8796	0.8796	0.8796	0.8796	0.8796	
7	High Load Revenue		\$66,375	\$91,540	\$124,748	\$128,596	\$125,640	\$106,673	\$71,833	\$60,208	\$52,508	\$52,819	\$62,089	\$63,292	\$1,006,321
8	sub-total throughput Dth	(2) + (5)	1,388,648	2,699,532	4,483,993	4,484,568	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,673,564
9	FT-2 Storage Revenue from marketers		\$159,744	\$146,055	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$1,751,223
10	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473											
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	
12	Manchester Street Revenue	(10) * (11)	\$1,169	\$1,737	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,906
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$1,724,573	\$3,223,290	\$5,228,481	\$5,227,990	\$4,730,801	\$3,528,480	\$2,158,711	\$1,355,636	\$890,194	\$772,008	\$848,067	\$1,104,529	\$30,792,764
14	II. Variable Cost Revenue														
15	(a) Firm Sales dth	(8)	1,388,648	2,699,532	4,483,993	4,484,568	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,673,564
16	Variable Supply Cost Factor	(17)/(15)	\$5.1025	\$4.2399	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	\$4.2130	
17	Variable Supply Revenue		\$7,085,565	\$11,445,726	\$18,891,062	\$18,893,486	\$17,056,187	\$12,600,168	\$7,508,980	\$4,533,788	\$2,808,380	\$2,372,753	\$2,663,527	\$3,610,893	\$109,470,515
18	(b) TSS Sales dth	Sch. 6, line 20	17,510	26,312											43,822
19	TSS Surcharge Factor	Company's website	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	13,022
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0											\$0
21	(c) Default Sales dth	Sch. 6, line 60	4,805	8,633	0	0	0	0	0	0	_				13,438
22	Variable Supply Cost Factor	(23) / (21)	\$6.65	\$6.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	13,436
23	Variable Supply Revenue		\$31,962	\$55,235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$87,197
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		\$1,010	\$8,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,878
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473											
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	
29	Manchester Street Revenue	(27) * (28)	\$4,310	\$6,408	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,718
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$7,122,847	\$11,516,237	\$18,891,062	\$18,893,486	\$17,056,187	\$12,600,168	\$7,508,980	\$4,533,788	\$2,808,380	\$2,372,753	\$2,663,527	\$3,610,893	\$109,578,308
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,847,420	\$14,739,527	\$24,119,543	\$24,121,476	\$21,786,988	\$16,128,648	\$9,667,691	\$5,889,424	\$3,698,574	\$3,144,761	\$3,511,594	\$4,715,422	\$140,371,071

Lines 12 and 29: Pursuant to the Division of Public Utilities and Carriers' approval in Docket No. D-15-04 of the Company's transportation contract for gas delivered to Manchester St. Station, beginning in July 2015, the Company is crediting imputed revenue to offset the gas costs associated with heater gas used at Manchester St. Station

#### WORKING CAPITAL

		Nov Actual	<u>Dec</u> Actual	Jan Forecast	<u>Feb</u> 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)	(l)	(m)
Description	Reference													
Line	Kererence													
<u>No.</u>														
1 Supply Fixed Costs 2 Less: LNG Demand to DAC	Sch. 1, line 5 Sch. 1, line 6	\$3,748,291 (\$124,066)	\$3,521,947 (\$124,066)	\$3,707,764 (\$124,066)	\$3,706,255 (\$124,066)	\$3,707,764 (\$124,066)	\$3,861,680 (\$124,066)	\$3,862,353 (\$124,066)	\$3,861,680 (\$124,066)	\$3,862,353 (\$124,066)	\$3,862,353 (\$124,066)	\$3,861,680 (\$124,066)	\$3,862,353 (\$124,066)	\$45,426,472 (\$1,488,790)
3 Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	(\$124,000)	(\$124,000)	(\$124,000)	\$0	\$0	\$0 \$0	\$0	\$0	\$124,000) \$0	\$0	\$0	\$0
4 Total Adjustments	(2) + (3)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
5 Allowable Working Capital Costs	(1) + (4)	\$3,624,225	\$3,397,881	\$3,583,698	\$3,582,190	\$3,583,698	\$3,737,614	\$3,738,287	\$3,737,614	\$3,738,287	\$3,738,287	\$3,737,614	\$3,738,287	\$43,937,682
6 Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
7 Working Capital Requirement	[(5) * (6)] / 365	\$213,581	\$200,242	\$211,193	\$211,104	\$211,193	\$220,263	\$220,303	\$220,263	\$220,303	\$220,303	\$220,263	\$220,303	
8 Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
9 Return on Working Capital Requirement	(7) * (8)	\$15,485	\$14,518	\$15,311	\$15,305	\$15,311	\$15,969	\$15,972	\$15,969	\$15,972	\$15,972	\$15,969	\$15,972	
10 Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
11 Interest Expense	(7) * (10)	\$5,489	\$5,146	\$5,428	\$5,425	\$5,428	\$5,661	\$5,662	\$5,661	\$5,662	\$5,662	\$5,661	\$5,662	
12 Taxable Income	(9) - (11)	\$9,996	\$9,371	\$9,884	\$9,880	\$9,884	\$10,308	\$10,310	\$10,308	\$10,310	\$10,310	\$10,308	\$10,310	
13 1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
14 Return and Tax Requirement	(12) / (13)	\$15,378	\$14,417	\$15,206	\$15,199	\$15,206	\$15,859	\$15,862	\$15,859	\$15,862	\$15,862	\$15,859	\$15,862	
15 Supply Fixed Working Capital Requirement	(11) + (14)	\$ <u>20,867</u>	\$ <u>19,564</u>	\$ <u>20,634</u>	\$ <u>20,625</u>	\$20,634	\$ <u>21,520</u>	\$ <u>21,524</u>	\$ <u>21,520</u>	\$ <u>21,524</u>	\$ <u>21,524</u>	\$ <u>21,520</u>	\$ <u>21,524</u>	\$ <u>252,976</u>
16 Supply Variable Costs	Sch. 1. line 21	\$7.164.301	\$13,003,521	\$19,680,659	\$18,851,568	\$13,216,167	\$5,849,995	\$3,556,528	\$2,285,556	\$1,924,925	\$1.841.314	\$1,708,108	\$2,988.019	\$92.070.661
17 Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 21	\$7,104,301	\$13,003,321	\$19,000,039	\$10,051,500	\$13,210,107	\$5,649,995	\$5,550,528	\$2,285,550	\$1,924,923	\$1,641,514	\$1,708,108	\$2,988,019	\$92,070,001
18 Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Total Adjustments	(17) + (18)	<u>\$0</u>												
20 Allowable Working Capital Costs	(16) + (19)	\$7,164,301	\$13,003,521	\$19,680,659	\$18,851,568	\$13,216,167	\$5,849,995	\$3,556,528	\$2,285,556	\$1,924,925	\$1,841,314	\$1,708,108	\$2,988,019	\$92,070,661
21 Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
22 Working Capital Requirement	[(20) * (21)] / 365	\$422,203	\$766,317	\$1,159,811	\$1,110,951	\$778,849	\$344,749	\$209,592	\$134,691	\$113,439	\$108,511	\$100,661	\$176,088	
23 Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
24 Return on Working Capital Requirement	(22) * (23)	\$30,610	\$55,558	\$84,086	\$80,544	\$56,467	\$24,994	\$15,195	\$9,765	\$8,224	\$7,867	\$7,298	\$12,766	
25 Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
26 Interest Expense	(22) * (25)	\$10,851	\$19,694	\$29,807	\$28,551	\$20,016	\$8,860	\$5,387	\$3,462	\$2,915	\$2,789	\$2,587	\$4,525	
27 Taxable Income	(24) - (26)	\$19,759	\$35,864	\$54,279	\$51,993	\$36,450	\$16,134	\$9,809	\$6,304	\$5,309	\$5,078	\$4,711	\$8,241	
28 1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
29 Return and Tax Requirement	(27) / (28)	\$30,399	\$55,175	\$83,506	\$79,988	\$56,077	\$24,822	\$15,091	\$9,698	\$8,168	\$7,813	\$7,248	\$12,678	
30 Supply Variable Working Capital Requirement	(26) + (29)	\$ <u>41,249</u>	\$ <u>74,869</u>	\$ <u>113,314</u>	\$108,540	\$ <u>76,094</u>	\$33,682	\$ <u>20,477</u>	\$ <u>13,159</u>	\$ <u>11,083</u>	\$ <u>10,602</u>	\$9,835	\$ <u>17,204</u>	\$ <u>530,107</u>

#### INVENTORY FINANCE

			Nov Actual	<u>Dec</u> Actual	<u>Jan</u> Forecast	<u>Feb</u> Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	<u>Jul</u> Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Line No.	Description	Reference													
1	Storage Inventory Balance		\$9,323,989	\$9,431,867	\$6,015,541	\$4,121,265	\$2,449,665	\$3,424,901	\$4,316,856	\$5,227,041	\$6,137,090	\$7,049,000	\$8,056,728	\$8,938,049	
3	Monthly Storage Deferral/Amortization Subtotal	(1) + (2)	\$3,178,547 <b>\$12,502,536</b>	\$2,375,546 <b>\$11,807,413</b>	\$0 <b>\$6,015,541</b>	\$0 <b>\$4,121,265</b>	\$0 <b>\$2,449,665</b>	\$0 <b>\$3,424,901</b>	\$0 <b>\$4,316,856</b>	\$0 \$5,227,041	\$0 <b>\$6,137,090</b>	\$0 <b>\$7.049.000</b>	\$0 <b>\$8,056,728</b>	\$0 <b>\$8,938,049</b>	
4	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
5	Return on Working Capital Requirement	(3) * (4)	\$906,434	\$856,037	\$436,127	\$298,792	\$177,601	\$248,305	\$312,972	\$378,961	\$444,939	\$511,052	\$584,113	\$648,009	\$5,803,341
6	Weighted Cost of Debt	Dkt 4323	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
7	Interest Charges Financed	(3) * (6)	\$321,315	\$303,451	\$154,599	\$105,917	\$62,956	\$88,020	\$110,943	\$134,335	\$157,723	\$181,159	\$207,058	\$229,708	\$2,057,184
8	Taxable Income	(5) - (7)	\$585,119	\$552,587	\$281,527	\$192,875	\$114,644	\$160,285	\$202,029	\$244,626	\$287,216	\$329,893	\$377,055	\$418,301	
9	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
10	Return and Tax Requirement	(8) / (9)	\$900,183	\$850,134	\$433,119	\$296,731	\$176,376	\$246,593	\$310,814	\$376,347	\$441,871	\$507,528	\$580,084	\$643,540	\$5,763,318
11	Working Capital Requirement	(7) + (10)	\$1,221,498	\$1,153,584	\$587,718	\$402,648	\$239,332	\$334,613	\$421,757	\$510,682	\$599,594	\$688,687	\$787,142	\$873,247	\$7,820,503
12	Monthly Average	(11) / 12	\$101,791	\$96,132	\$48,977	\$33,554	\$19,944	\$27,884	\$35,146	\$42,557	\$49,966	\$57,391	\$65,595	\$72,771	\$651,709
13	LNG Inventory Balance		\$3,756,170	\$3,646,413	\$2,227,047	\$2,253,748	\$2,008,023	\$2,494,958	\$3,009,815	\$3,519,622	\$4,054,092	\$4,115,164	\$4,636,339	\$4,646,658	
14	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
15	Return on Working Capital Requirement	(13) * (14)	\$272,322	\$264,365	\$161,461	\$163,397	\$145,582	\$180,884	\$218,212	\$255,173	\$293,922	\$298,349	\$336,135	\$336,883	\$2,926,684
16	Weighted Cost of Debt	Dkt 4323	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
17	Interest Charges Financed	(13) * (16)	\$96,534	\$93,713	\$57,235	\$57,921	\$51,606	\$64,120	\$77,352	\$90,454	\$104,190	\$105,760	\$119,154	\$119,419	\$1,037,459
18		(15) - (17)	\$175,789	\$170,652	\$104,226	\$105,475	\$93,975	\$116,764	\$140,859	\$164,718	\$189,732	\$192,590	\$216,981	\$217,464	
19	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
20	Return and Tax Requirement	(18) / (19)	\$270,444	\$262,542	\$160,347	\$162,270	\$144,578	\$179,637	\$216,707	\$253,413	\$291,895	\$296,292	\$333,816	\$334,559	\$2,906,500
21	Working Capital Requirement	(17) + (20)	\$366,978	\$356,255	\$217,582	\$220,191	\$196,184	\$243,757	\$294,059	\$343,867	\$396,085	\$402,051	\$452,970	\$453,979	\$3,943,958
22	Monthly Average	(21) / 12	\$30,581	\$29,688	\$18,132	\$18,349	\$16,349	\$20,313	\$24,505	\$28,656	\$33,007	\$33,504	\$37,748	\$37,832	\$328,663
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$132,373	\$125,820	\$67,108	\$51,903	\$36,293	\$48,198	\$59,651	\$71,212	\$82,973	\$90,895	\$103,343	\$110,602	\$980,372

#### Actual Dth Usage for Filing

Actual L	oth Usage for Filing													
		Nov Actual	<u>Dec</u> <u>Actual</u>	Jan Forecast	Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	<u>Jul</u> Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
	THROUGHPUT (Dth)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Line	mocom er (bm)													
No.	Rate Class													
1	SALES													
2 3	Residential Non-Heating	37,092	60,224 2,434	92,942 0	107,427 0	113,117 0	87,291 0	46,799 0	31,200	24,471 0	22,307 0	24,221 0	28,799 0	675,890 3,749
4	Residential Non-Heating Low Income Residential Heating	1,316 894,673	1,774,748	3,119,896	3,107,497	2,828,266	2,124,881	1,241,085	751,389	425,245	352,061	402,675	561,110	17,583,524
5	Residential Heating Low Income	93,503	177,183	0	0	0	0	0	0	0	0	0	0	270,685
6	Small C&I	103,351	234,087	502,968	445,399	395,993	275,911	177,969	95,230	57,312	44,037	46,985	68,102	2,447,343
7	Medium C&I	172,404	312,683	566,157	652,912	564,095	387,529	229,766	134,838	110,007	97,621	98,729	129,347	3,456,087
8	Large LLF	32,833	66,156	132,377	117,870	103,702	71,427	44,582	22,548	12,314	8,822	12,359	21,893	646,883
9 10	Large HLF Extra Large LLF	17,530 3,781	18,358 6,963	23,722 20,770	22,322 14,692	14,405 13,574	15,209 9,759	13,872 7,268	14,726 3,689	14,458 2,026	19,582 608	13,117 880	14,091 4,676	201,392 88,687
11	Extra Large HLF	14,656	20,385	25,159	16,451	15,315	18,775	20,994	22,523	20,767	18,159	33,250	29,065	255,500
12	Total Sales	1,371,138	2,673,220	4,483,993	4,484,568	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,629,742
13	TSS													
14	Small	30	63	0	0	0	0	0	0	0	0	0	0	92
15	Medium	11,278	16,740	0	0	0	0	0	0	0	0	0	0	28,017 11,822
16 17	Large LLF Large HLF	4,405 1,797	7,416 2,093	0	0	0	0	0	0	0	0	0	0	3,890
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	17,510	26,312	0	0	0	0	0	0	0	0	0	0	43,822
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	37,092	60,224	92,942	107,427	113,117	87,291	46,799	31,200	24,471	22,307	24,221	28,799	675,890
23 24	Residential Non-Heating Low Income Residential Heating	1,316 894,673	2,434 1,774,748	0 3,119,896	0 3,107,497	0 2,828,266	0 2,124,881	0 1,241,085	0 751,389	0 425,245	0 352,061	0 402,675	0 561,110	3,749 17,583,524
25	Residential Heating Low Income	93,503	177,183	0	0	2,828,200	2,124,001	1,241,083	0	423,243	0	402,073	0	270,685
26	Small C&I	103,381	234,149	502,968	445,399	395,993	275,911	177,969	95,230	57,312	44,037	46,985	68,102	2,447,436
27	Medium C&I	183,682	329,423	566,157	652,912	564,095	387,529	229,766	134,838	110,007	97,621	98,729	129,347	3,484,105
28	Large LLF	37,238	73,573	132,377	117,870	103,702	71,427	44,582	22,548	12,314	8,822	12,359	21,893	658,705
29 30	Large HLF Extra Large LLF	19,327 3,781	20,451 6,963	23,722 20,770	22,322 14,692	14,405 13,574	15,209 9,759	13,872 7,268	14,726 3,689	14,458 2,026	19,582 608	13,117 880	14,091 4,676	205,282 88,687
31	Extra Large HLF	14,656	20,385	25,159	16,451	15,315	18,775	20,994	22,523	20,767	18,159	33,250	29,065	255,500
32	Total Sales & TSS Throughput	1,388,648	2,699,532	4,483,993	4,484,568	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,673,564
33	FT-1 TRANSPORTATION													
	FT-1 Small	0	0	1,144	1,025	984	786	507	341	372	152	166	317	5,795
34 35	FT-1 Medium	63,644 90,987	68,106 108,704	117,392 186,775	110,436	90,538 138,541	56,521 87,988	39,930	32,007 29,603	30,000 22,797	28,315 21,191	29,471 26,713	46,261	712,623 1,002,538
36	FT-1 Large LLF FT-1 Large HLF	42,174	44,422	60,036	160,772 56,822	54,902	41,566	57,911 36,666	34,346	32,438	32,092	32,602	70,555 38,033	506,100
37	FT-1 Extra Large LLF	128,795	147,186	198,485	161,926	142,591	93,098	65,805	34,627	25,082	18,770	23,780	81,552	1,121,699
38	FT-1 Extra Large HLF	465,126	508,134	612,097	546,048	510,138	435,275	397,881	383,039	383,901	430,497	433,874	469,805	5,575,816
39 40	Default	4,805	8,633	0	1 027 021	0	0	0	512.062	404.501	521.017	546,607	706 522	13,438
40	Total FT-1 Transportation	795,530	885,185	1,175,931	1,037,031	937,695	715,236	598,701	513,963	494,591	531,017	546,607	706,523	8,938,008
41	FT-2 TRANSPORTATION													
42 43	FT-2 Small	3,168	7,148	10,447	9,908	9,425	7,389	4,731	3,153	2,024	1,631	1,789	3,029 70,785	63,842 1,790,692
43 44	FT-2 Medium FT-2 Large LLF	116,254 85,635	207,445 176,082	266,810 213,104	298,622 194,380	260,087 170,840	202,000 118,365	125,812 74,822	76,347 38,224	62,475 22,192	52,133 17,616	51,923 23,747	40,762	1,790,692
45	FT-2 Large HLF	30,668	19,443	58,802	60,507	56,534	49,554	36,896	32,354	29,780	25,455	28,565	30,253	458,810
46	FT-2 Extra Large LLF	4,340	7,674	9,869	9,130	8,702	7,085	4,136	2,653	1,545	1,077	1,137	2,512	59,859
47	FT-2 Extra Large HLF	40,295	44,082	12,262	14,117	12,355	11,378	8,090	7,378	6,218	7,510	6,600	6,526	176,811
48	Total FT-2 Transportation	280,360	461,874	571,294	586,663	517,942	395,770	254,487	160,108	124,233	105,422	113,760	153,868	3,725,782
49	Total THROUGHPUT	25.002	co. 22.4	02.042	405.405		05.004	44.500	24.200	24.474	22.205	2.1.221	20.500	ooo
50 51	Residential Non-Heating Residential Non-Heating Low Income	37,092 1,316	60,224	92,942 0	107,427 0	113,117 0	87,291 0	46,799 0	31,200 0	24,471 0	22,307 0	24,221 0	28,799 0	675,890 3.749
51 52	Residential Heating Low Income Residential Heating	1,316 894,673	2,434 1,774,748	3,119,896	3,107,497	2,828,266	2,124,881	1,241,085	751,389	425,245	352,061	402,675	561,110	3,749 17,583,524
53	Residential Heating Low Income	93,503	177,183	0,119,890	0	2,828,200	0	1,241,083	0	0	0	402,073	0	270,685
54	Small C&I	106,549	241,297	514,559	456,333	406,402	284,086	183,207	98,723	59,708	45,820	48,939	71,448	2,517,072
55	Medium C&I	363,580	604,973	950,359	1,061,970	914,719	646,050	395,507	243,192	202,482	178,069	180,123	246,393	5,987,419
56	Large LLF	213,860	358,359	532,256	473,022	413,083	277,780	177,316	90,375	57,303	47,629	62,819	133,210	2,837,010
57 58	Large HLF Extra Large LLF	92,168 136,916	84,316 161,823	142,561 229,125	139,651 185,747	125,841 164,866	106,329 109,943	87,434 77,210	81,426 40,969	76,676 28,653	77,128 20,455	74,285 25,797	82,377 88,741	1,170,193 1,270,245
59	Extra Large HLF	520,078	572,601	649,519	576,616	537,808	465,429	426,966	412,940	410,885	456,167	473,724	505,396	6,008,127
60	Default	4,805	8,633	0	0	0	0	0	0	0	0	0	0	13,438
61	Total Throughput	2,464,538	4,046,590	6,231,217	6,108,262	5,504,103	4,101,788	2,635,524	1,750,213	1,285,422	1,199,637	1,292,583	1,717,475	38,337,353