

March 20, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4647 - Gas Cost Recovery Filing (GCR)
Monthly Filing of GCR Deferred Balances

Dear Ms. Massaro:

On behalf of National Grid, enclosed please find 10 copies of the Company's monthly filing of gas costs and gas-cost revenue data.

The deferred balance report that is attached covers the 12-month period from November 1, 2016 through October 31, 2017. Based on four months of actual data and eight months of projected data, the deferred gas cost balance at the end of October 2017 is an underrecovery of approximately \$2.2 million (see attached Schedule 1, page 1). This calculation is based on the November 1, 2016 starting under-recovery balance of \$0.4 million plus the actual gas costs and gas cost revenue for the period of November 1, 2016 through February 28, 2017, and the projected gas costs and gas cost revenue for the period of March 1, 2017 through October 31, 2017. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of March 6, 2017.

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, 2016 through February 28, 2017 and revised projected gas costs for March 1, 2017 through October 31, 2017. Schedule 3 summarizes actual and projected gas cost revenue for November 1, 2016 through October 31, 2017. Schedule 4 shows the calculation of working capital. The calculation of inventory finance charges is presented on Schedule 5. Schedule 6 presents customer class specific throughput.

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

Luly E. Massaro, Commission Clerk Docket 4647 – GCR Deferred Report March 20, 2017 Page 2 of 2

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,

Robert J. Humm

Enclosure

cc: Docket 4647 Service List

Leo Wold, Esq. Steve Scialabba Bruce Oliver

Certificate of Service

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

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

Just San	
	March 20, 2017
Joanne M. Scanlon	Date

Docket No. 4647 – National Grid – 2016 Annual Gas Cost Recovery Filing (GCR) - Service List as of 9/2/16

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Luly E. Massaro, Commission Clerk		
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Office of Energy Resources	Christopher.Kearns@energy.ri.gov;	

Deferred Gas Cost Balances

Line															
No.	Description	Reference													
			Nov	Dec	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	Sep	Oct	Nov-Oct
			Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
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		(\$8,917,829)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$14,432,917)	(\$14,788,255)	(\$13,805,818)	(\$11,842,510)	(\$9,437,811)	(\$6,968,098)	(\$4,559,091)	(\$8,917,829)
4	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,029,493	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$50,025,522
5	LNG Demand to DAC	Dkt 4339	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
6	Supply Related LNG O & M	Dkt 4323	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
7	NGPMP Credits		(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$12,566,551)
8	Working Capital	Sch. 4, line 15	\$20,283	\$21,537	\$23,316	\$23,830	\$22,509	\$24,036	\$24,040	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$279,742
9	Total Supply Fixed Costs	sum[(4):(8)]	\$2,445,750	\$3,798,001	\$2,975,085	\$3,064,838	\$2,834,234	\$3,100,698	\$3,101,376	\$3,100,698	\$3,101,376	\$3,101,376	\$3,100,698	\$3,101,376	\$36,825,504
10	Supply Fixed - Revenue	Sch. 3, line 13	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,797,136	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,373,815
11	Monthly Under/(Over) Recovery	(9) - (10)	\$437,605	\$272,191	(\$2,147,509)	(\$2,005,560)	(\$1,962,902)	(\$334,337)	\$1,003,671	\$1,981,741	\$2,420,503	\$2,481,896	\$2,417,292	\$1,887,101	\$6,451,689
12	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$8,480,224)	(\$8,256,170)	(\$10,415,261)	(\$12,434,705)	(\$14,412,954)	(\$14,767,255)	(\$13,784,585)	(\$11,824,078)	(\$9,422,008)	(\$6,955,915)	(\$4,550,807)	(\$2,671,990)	(\$2,466,141)
13	Month's Average Balance	[(3) + (12)] / 2	(\$8,699,027)	(\$8,392,265)	(\$9,341,507)	(\$11,431,925)	(\$13,431,503)	(\$14,600,086)	(\$14,286,420)	(\$12,814,948)	(\$10,632,259)	(\$8,196,863)	(\$5,759,452)	(\$3,615,540)	
14	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$10,725)	(\$11,582)	(\$13,884)	(\$15,347)	(\$19,963)	(\$21,000)	(\$21,234)	(\$18,432)	(\$15,803)	(\$12,183)	(\$8,284)	(\$5,374)	(\$173,812)
16	Marketer Reconcilation	Dkt 4647	(\$37,411)	(0.0 0 = = = = = =)	(010 100 110	(0.4.0.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	(0111100010	(0.1.1.000.000)	(0.4.0.00.0.4.0)	(011 010 510)	(00.400.044)	(0.4.0.40.000)	(0.4 ##0.004)	(0.0	(\$37,411)
17	Fixed Ending Under/(Over) Recovery	(12) + (15) + (16)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$14,432,917)	(\$14,788,255)	(\$13,805,818)	(\$11,842,510)	(\$9,437,811)	(\$6,968,098)	(\$4,559,091)	(\$2,677,364)	(\$2,677,364)
10	TIV : II C . D.C . I					(\$14,652,626)									
	II. Variable Cost Deferred		60 202 216	A0 020 520	614 214 207	(\$2,202,573)	61 < 700 0 < 0	612 220 700	\$0.004.0 2 0	0.000.154	05 250 020	A5 147 000	A5 057 044	£4.020.525	60 202 216
19	Beginning Under/(Over) Recovery		\$9,293,216	\$9,929,538	\$16,316,397	\$18,037,904	\$16,722,868	\$13,320,789	\$9,004,029	\$6,269,154	\$5,270,020	\$5,147,802	\$5,057,844	\$4,829,536	\$9,293,216
20	W : 11 C 1 C .	0.1.0.1; 76	05 540 102	614 504 105	617 520 212	012 217 011	610 (77 100	05 616 540	#2 112 420	£1.051.734	61 201 041	£1.216.205	61.057.600	£2.005.747	601 202 220
21	Variable Supply Costs	Sch. 2, line 76	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$10,677,190	\$5,616,549	\$3,113,439	\$1,851,734	\$1,381,041	\$1,216,385	\$1,257,633	\$3,095,747	\$81,202,229
22	Supply Related LNG to DAC	Dkt 4339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 24	Supply Related LNG O & M	Dkt 4323	\$47,725 \$27,598	\$47,725 \$24,431	\$47,725 \$21,983	\$47,725 \$20,642	\$47,725	\$47,725 \$12,376	\$47,725	\$47,725 \$23,407	\$47,725 \$25,250	\$47,725 \$26,170	\$47,725 \$31,594	\$47,725 \$32,502	\$572,694 \$270,804
	Inventory Financing - LNG	Sch. 5, line 22	\$27,398 \$88,475	\$24,431 \$75.678	\$21,983 \$68.419	\$20,642 \$51.816	\$6,881 \$21,398	\$12,376 \$29,515	\$17,972 \$37,802	\$23,407 \$46.596	\$25,250 \$54.428	\$26,170 \$63,650	\$31,394 \$74.481	\$32,302 \$83.947	\$270,804 \$696,203
25	Inventory Financing - UG	Sch. 5, line 12	\$88,475 \$38,271	\$75,678 \$95,133	\$68,419 \$95,260	\$51,816 \$76,758	\$21,398 \$61,538	\$29,515 \$32,371	\$37,802 \$17,944	\$46,596 \$10,672				\$83,947 \$17,842	\$696,203 \$468,009
26 27	Working Capital	Sch. 4, line 30	\$6,842,261						\$3,234,882		\$7,960	\$7,011 \$1,360,940	\$7,248		\$83,209,939
	Total Supply Variable Costs	sum[(21):(26)]		\$16,749,161	\$16,761,598	\$13,514,851	\$10,814,732	\$5,738,536		\$1,980,133	\$1,516,403		\$1,418,680	\$3,277,763	
28	Supply Variable - Revenue	Sch. 3, line 30	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$14,239,121	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$87,832,950
29	Monthly Under/(Over) Recovery	(27) - (28)	\$624,480	\$6,368,760	\$1,695,996	(\$1,338,354)	(\$3,424,389)	(\$4,332,804)	(\$2,746,217)	(\$1,007,426)	(\$129,955)	(\$97,536)	(\$235,414)	(\$151)	(\$4,623,011)
30	Prelim. Ending Under/(Over) Recovery	(21) + (31)	\$9,917,696	\$16,298,298	\$18,012,393	\$16,699,551	\$13,298,479	\$8,987,985	\$6,257,812	\$5,261,728	\$5,140,065	\$5,050,266	\$4,822,430	\$4,829,385	\$4,670,205
31	Month's Average Balance	[(19) + (30)] / 2	\$9,605,456	\$13,113,918	\$17,164,395	\$17,368,727	\$15,010,673	\$11,154,387	\$7,630,920	\$5,765,441	\$5,205,043	\$5,099,034	\$4,940,137	\$4,829,460	
32 33	Interest Rate (BOA Prime minus 200 bps) Interest Applied	[(31) * (32)] / 365 * (1)	1.50% \$11,842	1.63% \$18,099	1.75% \$25.511	1.75% \$23,317	1.75% \$22,310	1.75% \$16,044	1.75% \$11,342	1.75% \$8,293	1.75% \$7,736	1.75% \$7,579	1.75% \$7,106	1.75% \$7,178	\$166,357
33 34		[(31) * (32)] / 303 * (1)	\$11,842	\$18,099	\$25,511	\$23,317	\$22,310	\$16,044 \$0	\$11,342	\$8,293 \$0	\$7,736	\$1,519	\$7,106	\$7,178	\$100,337
35	Gas Procurement Incentive/(penalty) Variable Ending Under/(Over) Recovery	(30) + (33) + (34)	\$9,929,538	\$16,316,397	\$18.037.904	\$16.722.868	\$13.320.789	\$9.004.029	\$6,269,154	\$5,270,020	\$5,147,802	\$5.057.844	\$4.829.536	\$4.836.563	\$4.836.563
33	variable Ending Older/(Over) Recovery	(30) + (33) + (34)	39,929,336	\$10,510,597	\$10,037,904	\$10,722,000	\$13,320,769	39,004,029	\$0,209,134	\$3,270,020	\$3,147,002	\$5,057,644	\$4,029,330	\$4,630,303	\$4,630,303
36	GCR Deferred Summary														
37	Beginning Under/(Over) Recovery	(3) + (19)	\$375,387	\$1,401,178	\$8,048,645	\$7,608,759	\$4,272,815	(\$1,112,129)	(\$5,784,226)	(\$7,536,665)	(\$6,572,490)	(\$4,290,009)	(\$1,910,254)	\$270,445	\$375,387
38				\$20,338,601	, ,	\$17,548,309	\$14,678,307	\$9,882,603							\$130,849,825
	Gas Costs	sum[(4):(6),(16),(20):(23)]	\$10,217,640		\$20,669,372				\$7,380,166	\$6,117,787	\$5,647,768	\$5,483,112	\$5,523,686	\$7,362,474	
39	Inventory Finance	(24) + (25)	\$116,073	\$100,108	\$90,401	\$72,458	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$967,007
40	Working Capital	(8) + (26)	\$58,553	\$116,670	\$118,576	\$100,588	\$84,047	\$56,407	\$41,984	\$34,708	\$31,999	\$31,050	\$31,284	\$41,882	\$747,751
41	NGPMP Credits	(7)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$12,566,551)
42	Total Costs	sum[(38):(41)]	\$9,250,599	\$20,547,162	\$19,736,683	\$16,579,689	\$13,648,966	\$8,839,234	\$6,336,258	\$5,080,831	\$4,617,779	\$4,462,316	\$4,519,378	\$6,379,138	\$119,998,033
43	Revenue	(10) + (28)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$19,036,257	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$118,206,766
44	Monthly Under/(Over) Recovery	(42) - (43)	\$1,024,674	\$6,640,951	(\$451,514)	(\$3,343,913)	(\$5,387,291)	(\$4,667,141)	(\$1,742,547)	\$974,315	\$2,290,547	\$2,384,360	\$2,181,878	\$1,886,949	\$1,791,267
45	Prelim. Ending Under/(Over) Recovery	(37) + (44)	\$1,400,061	\$8,042,129	\$7,597,131	\$4,264,845	(\$1,114,476)	(\$5,779,270)	(\$7,526,773)	(\$6,562,350)	(\$4,281,943)	(\$1,905,649)	\$271,624	\$2,157,395	
46	Month's Average Balance	[(37) + (45)] / 2	\$887,724	\$4,721,653	\$7,822,888	\$5,936,802	\$1,579,170	(\$3,445,699)	(\$6,655,499)	(\$7,049,508)	(\$5,427,216)	(\$3,097,829)	(\$819,315)	\$1,213,920	
47	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	
48	Interest Applied	(15) + (33)	\$1,118	\$6,517	\$11,627	\$7,970	\$2,347	(\$4,956)	(\$9,892)	(\$10,140)	(\$8,066)	(\$4,604)	(\$1,178)	\$1,804	(\$7,455)
49	Gas Purchase Plan Incentives/(Penalties)	(34)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50													_		
51	Ending Under/(Over) Recovery W/ Interest	(45) + (48) + (49)	\$1,401,178	\$8,048,645	\$7,608,759	\$4,272,815	(\$1,112,129)	(\$5,784,226)	(\$7,536,665)	(\$6,572,490)	(\$4,290,009)	(\$1,910,254)	\$270,445	\$2,159,199	\$2,159,199

Supply Estimates Actuals for Filing

		Nov Actual (a)	<u>Dec</u> <u>Actual</u> (b)	Jan Actual (c)	<u>Feb</u> <u>Actual</u> (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	<u>Jun</u> Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct (m)
Line No.	Projected Gas Costs using 3/6/2017 NYMEX settled Description	Reference												
1	SUPPLY FIXED COSTS - Pipeline Delivery													
2	Algonquin (includes East to West, Hubline, AMA credits)	\$866.8	14 \$1,181,848	\$1,494,194	\$1,531,807	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$16,702,049
3	TETCO/Texas Eastern	\$724,5	. , . ,	\$728,107	\$729,926	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$8,720,482
4	Tennessee	\$1,093,2	09 \$1,093,190	\$1,093,228	\$1,093,228	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$1,093,117	\$13,117,792
5	NETNE		\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois	\$6,2		\$6,267	\$6,267	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$78,488
7	Union		\$0 \$0	\$0	\$0	\$2,440	\$2,362	\$2,440	\$2,362	\$2,440	\$2,440	\$2,362	\$2,440	\$19,286
8	Transcanada		\$0 \$0	\$0	\$0	\$13,435	\$13,002	\$13,435	\$13,002	\$13,435	\$13,435	\$13,002	\$13,435	\$106,180
9 10	Dominion Transco	\$2,2 \$4,8		\$2,276 \$5,021	\$2,276 \$4,535	\$2,235 \$5,021	\$2,235 \$4,859	\$2,235 \$5,021	\$2,235 \$4,859	\$2,235 \$5,021	\$2,235 \$5,021	\$2,235 \$4,859	\$2,235 \$5,021	\$26,984 \$59,114
11	National Fuel	\$4,0 \$4,5		\$4,480	\$4,333 \$4,480	\$3,021 \$4,574	\$4,839 \$4.574	\$3,021 \$4,574	\$4,839 \$4,574	\$4,574	\$4,574	\$4,839 \$4,574	\$3,021 \$4,574	\$59,114 \$54,513
12	Columbia	\$293,7	. , ,	\$288,311	\$291,046	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$3,516,823
13	Alberta Northeast		58 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58
14	Less Credits from Mkter Releases	(\$643,9			(\$622,002)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$8,238,192)
			\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Supply Fixed - Supplier													
16	Distrigas FCS		\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17			\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	STORAGE FIXED COSTS - Facilities													
19	Texas Eastern	\$85,7	18 \$85,828	\$85,804	\$85,886	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$1,106,314
20	Dominion	\$82,9	49 \$83,284	\$83,117	\$83,117	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$996,061
21	Tennessee	\$48,3	37 \$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$580,041
22	Columbia	\$9,6	94 \$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$116,328
23	STORAGE FIXED COSTS - Delivery													
24	Algonquin	\$215,4	36 \$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$2,585,230
25	TETCO	\$87,6	25 \$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$1,051,503
26	Tennessee	\$88,2	73 \$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$1,059,280
27	Dominion	\$30,7	36 \$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$368,828
28	Columbia	\$15,3	21 \$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$183,851
29	Confidential Pipelinne and Peaking Supplies	\$626,8	39 \$546,630	\$546,630	\$552,786	\$460,294	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$7,814,508
29	Connuction 1 ipeninic and 1 caking Supplies	\$020,0	J) 9J+0,030	\$540,030	9552,100	\$400,2 <i>9</i> 4	\$123,704	9123,704	φ123,704	\$123,704	9123,304	\$123,704	\$125,704	\$7,014,500
30	TOTAL FIXED COSTS	sum[(2):(29)] \$3,643,2	34 \$3,860,783	\$4,169,536	\$4,258,775	\$4,029,493	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$50,025,522

Supply Estimates Actuals for Filing

			Nov Actual	Dec Actual	<u>Jan</u> <u>Actual</u>	Feb Actual	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
	D. I. I. G. G. I. A. COMPANY OF THE PARTY OF		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Line	Projected Gas Costs using 3/6/2017 NYMEX settled Description	Reference													
No.	<u>Description</u>	Reference													
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)						\$1,697,276	\$1,736,310	\$811,802	\$1,147,503	\$974,276	\$1,083,761	\$1,239,055	\$1,478,946	\$10,168,929
33	TETCO (Includes B&W)						\$154,654	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,654
34	M3 Delivered						\$184,646	\$1,508,222	\$1,596,850	\$65,269	\$0	\$0	\$47,192	\$409,141	\$3,811,319
35 36	Maumee Broadrun Col						\$1,892,525 \$612,849	\$71,530	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,964,055 \$669,347
36	Columbia Eagle and Downingtown						\$612,849 \$122.488	\$56,498 \$142,856	\$98,308	\$0 \$97,550	\$50.206	\$99,950	\$62,149	\$34.673	\$669,347 \$708,181
38	TETCO M2						\$1,775,342	\$1,894,613	\$651,994	\$753,348	\$1,234,736	\$1,184,962	\$796,819	\$1.888.855	\$10,180,669
39	Dominion to TETCO FTS						\$39,644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,644
40	Transco Leidy						\$83,478	\$27,951	\$5,214	\$4,999	\$5,123	\$5,064	\$4,888	\$71,896	\$208,614
41	DistriGas FCS						\$305,673	\$961,251	\$930,618	\$844,449	\$0	\$0	\$551,984	\$540,699	\$4,134,674
42	Hubline						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	Total Pipeline Commodity Charges*	sum[(32):(42)]	\$3,584,595	\$12,874,611	\$14.824.070	\$10,345,460	\$6,868,576	\$6,399,232	\$4.094.786	\$2,913,119	\$2,264,341	\$2,373,737	\$2,702,086	\$4,424,211	\$73,668,824
44	Hedging Settlements and Amortization	Juni[(32):(12)]	\$1,401,803	\$799,897	(\$1,704,181)	\$143,044	\$1,518,471	\$182,022	\$15,493	(\$11,237)	\$23,452	(\$48,859)	(\$69,163)	(\$142,209)	\$2,108,532
45	Hedging Contracts - Commission & Other Fees		\$161,244	\$703,912	\$863,419	\$767,448	\$604,773	\$7,905	\$0	\$0	\$0	\$0	\$0	\$0	\$3,108,702
46	Hedging Contracts - Net Carry of Collateral		\$5,873	\$1,126	\$1,212	\$2,298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,510
47	Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48	Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	(\$1,053,413)	(\$1,070,706)	(\$1,123,602)	(\$983,953)	(\$1,187,162)	(\$1,452,820)	(\$1,266,785)	(\$8,138,441)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,153,515	\$14,379,547	\$13,984,520	\$11,258,251	\$8,991,820	\$5,535,745	\$3,039,573	\$1,778,281	\$1,303,840	\$1,137,716	\$1,180,103	\$3,015,216	\$70,758,126
50	II 1		\$771.467	61 100 001	£1 400 766	¢1.557.206	¢1.511.655	611.062	60	ro.	60	60	60	\$0	\$6.525.127
50 51	Underground Storage LNG Withdrawals and Trucking		\$771,467 \$75.749	\$1,189,881 \$383,462	\$1,482,766 \$310,935	\$1,557,396 \$162,861	\$1,511,655 \$73,195	\$11,963 \$67,566	\$0 \$73,865	\$0 \$73,453	\$0 \$77,201	\$0 \$78,669	\$0 \$77,530	\$80,531	\$6,525,127 \$1,535,017
52	Storage Delivery Costs		\$73,749	\$363,402	\$310,933	\$102,801	\$100,521	\$1,276	\$75,805	\$73,433	\$77,201	\$78,009	\$77,550	\$00,331	\$1,333,017
52	biolage Benvery Costs		90	Ψ0	ΨΟ	40	ψ100,521	ψ1,270	40	40	ΨΟ	40	Ψ0	40	Ψ101,///
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$847,215	\$1,573,343	\$1,793,701	\$1,720,258	\$1,685,371	\$80,805	\$73,865	\$73,453	\$77,201	\$78,669	\$77,530	\$80,531	\$8,161,941
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$10,677,190	\$5,616,549	\$3,113,439	\$1,851,734	\$1,381,041	\$1,216,385	\$1,257,633	\$3,095,747	\$78,920,067
55	TOTAL SUPPLY COSTS	(30) + (54)	\$9,643,964	\$19,813,672	\$19,947,757	\$17,237,283	\$14,706,683	\$9,910,979	\$7,408,542	\$6,146,163	\$5,676,145	\$5,511,489	\$5,552,062	\$7,390,850	\$128,945,589

Supply Estimates Actuals for Filing

			Nov Actual	Dec Actual	Jan Actual	<u>Feb</u> <u>Actual</u>	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)
* * *	Projected Gas Costs using 3/6/2017 NYMEX settled	D.C.													
Line	<u>Description</u>	Reference													
No.															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$390,438	\$390,882	\$390,692	\$390,774	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$4,763,625
58	Storage Fixed Costs - Deliveries		\$1,246,357	\$849,883	\$849,883	\$849,883	\$684,316	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$11,129,808
59	sub-total Storage Costs	sum[(56):(57)]	\$1,636,795	\$1,240,765	\$1,240,574	\$1,240,657	\$1,084,421	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$15,893,433
60	LNG Demand to DAC		(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
61	Inventory Financing		\$116,073	\$100,108	\$90,401	\$72,458	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$967,007
62	Supply related LNG O&M Costs		\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
63	Working Capital Requirement	_	\$20,283	\$21,537	\$23,316	\$23,830	\$22,509	\$24,036	\$24,040	\$24,036	\$24,040	\$24,040	\$24,036	\$24,040	\$279,742
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,697,050	\$1,286,309	\$1,278,191	\$1,260,844	\$1,059,108	\$1,339,858	\$1,353,745	\$1,367,969	\$1,377,648	\$1,387,790	\$1,404,041	\$1,414,419	\$16,226,973
65	System Storage MDQ (Dth)		183,069	191,153	198,008	196,094	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	1,962,923
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.2700	\$6.7292	\$6.4552	\$6.4298	\$7.0926	\$8.9728	\$9.0658	\$9.1610	\$9.2258	\$9.2938	\$9.4026	\$9.4721	\$8.2667
67	Pipeline Variable	(54)	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$10,677,190	\$5,616,549	\$3,113,439	\$1.851.734	\$1,381,041	\$1,216,385	\$1,257,633	\$3,095,747	\$78,920,067
68	Less Non-firm Gas Costs	(= 1)	(\$65,801)	(\$143,846)	(\$342,994)	(\$216,056)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$768,697)
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		\$197,046	\$171,885	\$569,958	\$113,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,052,084
74	Plus Pipeline Srchg/Credit		\$504,150	\$506,090	\$523,851	\$523,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,057,701
75	Less Mkter FT-2 Daily weather true-up		\$4,068	\$19,177	(\$824)	(\$81,347)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$58,926)
76	TOTAL FIRM COMMODITY COSTS*	sum[(67):(75)]	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$10,677,190	\$5,616,549	\$3,113,439	\$1,851,734	\$1,381,041	\$1,216,385	\$1,257,633	\$3,095,747	\$81,202,229

GCR Revenue

			Nov Actual (a)	<u>Dec</u> <u>Actual</u> (b)	Jan Actual (c)	<u>Feb</u> <u>Actual</u> (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	<u>Jun</u> Forecast (h)	<u>Jul</u> Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
Line	<u>Description</u>	Reference													
<u>No.</u> 1	I. Fixed Cost Revenue														
2	(a) Low Load dth Fixed Cost Factor	Sch. 6, line 24-28, 30 (4) / (2)	1,568,307 \$1.1469	2,901,568 \$1.1423	4,237,034 \$1.1414	4,126,253 \$1.1418	3,960,404 \$1.1412	2,790,929 \$1.1412	1,640,767 \$1.1412	799,031 \$1.1412	423,728 \$1.1412	371,050 \$1.1412	425,917 \$1.1412	882,322 \$1.1412	24,127,310
4	Low Load Revenue	(4) / (2)	\$1,798,769	\$3,314,554	\$4,835,965	\$4,711,484	\$4,519,614	\$3,185,008	\$1,872,443	\$911,854	\$483,558	\$423,442	\$486,057	\$1,006,906	\$27,549,654
5 6	(b) High Load dth Fixed Cost Factor	Sch. 6, line 22, 23, 29, 31 (7) / (5)	56,445 \$0.8998	67,133 \$0.9090	76,865 \$0.8907	83,534 \$0.9190	138,600 \$0.9074	108,300 \$0.9074	81,007 \$0.9074	60,995 \$0.9074	50,208 0.9074	48,800 0.9074	50,245 0.9074	61,288 0.9074	883,420
7	High Load Revenue	(7)7 (3)	\$50,787	\$61,025	\$68,460	\$76,771	\$125,766	\$98,271	\$73,506	\$55,347	\$45,559	\$44,282	\$45,593	\$55,613	\$800,979
8	sub-total throughput Dth	(2) + (5)	1,624,752	2,968,700	4,313,898	4,209,787	4,099,004	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,010,730
9	FT-2 Storage Revenue from marketer	s	\$157,426	\$149,264	\$217,213	\$281,274	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$2,019,226
10 11	Manchester Steet Volumes (dth) Fixed cost factor (dth)	Monthly Meter Use Inherent in approved GCR	986 \$1.1787	822 \$1.1787	812 \$1.1787	737 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	0 \$1.1787	
12	Manchester Street Revenue	(10) * (11)	\$1,163	\$968	\$957	\$869	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,956
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,797,136	\$3,435,035	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$30,373,815
14	II. Variable Cost Revenue														
15 16	(a) Firm Sales dth Variable Supply Cost Factor	(8) (17) / (15)	1,624,752 \$3.8616	2,968,700 \$3.4773	4,313,898 \$3.4727	4,209,787 \$3.4766	4,099,004 \$3.4738	2,899,229 \$3.4738	1,721,774 \$3.4738	860,026 \$3.4738	473,936 \$3.4738	419,850 \$3.4738	476,163 \$3.4738	943,610 \$3.4738	25,010,730
17	Variable Supply Revenue	(17)7 (13)	\$6,274,073	\$10,323,084	\$14,980,899	\$14,635,608	\$14,239,121	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$87,529,626
18 19	(b) TSS Sales dth TSS Surcharge Factor	Sch. 6, line 20 Company's website	3,116 \$0,0000	6,555 \$0,0000	4,658 \$0,3880	14,712 \$0.0000	\$0,000	\$0,0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0,0000	29,041
20	TSS Surcharge Revenue	(18) * (19)	\$0.0000	\$0.0000	\$1,807	\$0.0000	\$0.0000	\$0.0000	\$0.0000	φ0.0000	φ0.0000	\$0.0000	φυ.σσσσ	\$0.0000	\$1,807
21 22	(c) Default Sales dth	Sch. 6, line 60	1,315 \$5.35	5,384 \$9.23	7,861 \$9.50	7,933 \$26.96	0 \$0.00	0 \$0.00	0 \$0.00	0 \$0.00	\$0.00	\$0.00	- \$0.00	\$0.00	22,493
23	Variable Supply Cost Factor Variable Supply Revenue	(23) / (21)	\$7,042	\$49,685	\$74,646	\$213,868	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$345,241
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		(\$66,873)	\$4,684	\$5,339	\$1,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$55,766)
26	(e) FT-1 Storage and Peaking														
27 28	Manchester Steet Volumes (dth)	Monthly Meter Use Inherent in approved GCR	986 \$3.5879	822 \$3.5879	812 \$3.5879	737 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	0 \$3.5879	
29	Variable Supply Cost Factor (dth) Manchester Street Revenue	(27) * (28)	\$3,539	\$2,948	\$2,912	\$2,644	\$3.3879	\$3.3879 \$0	\$3.3879	\$3.3879 \$0	\$3.5879	\$3.3879	\$3.3879	\$3.3879 \$0	\$12,042
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$14,239,121	\$10,071,340	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$87,832,950
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$19,036,257	\$13,506,375	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$118,206,766

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 (a)	<u>Dec</u> Actual (b)	Jan Actual (c)	<u>Feb</u> <u>Actual</u> (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u> Line	Reference	(=)	(=)	(-)	(3)	(4)	(4)	(9)	(4)	W)	0/	(4)	W)	()
No.	Sch. 1, line 4 Sch. 1, line 5 Dkt 4323 (2) + (3) (1) + (4)	\$3,643,234 (\$124,066) \$0 (<u>\$124,066)</u> \$3,519,169	\$3,860,783 (\$124,066) \$0 (\$124,066) \$3,736,717	\$4,169,536 (\$124,066) \$0 (\$124,066) \$4,045,470	\$4,258,775 (\$124,066) \$0 (\$124,066) \$4,134,709	\$4,029,493 (\$124,066) \$0 (\$124,066) \$3,905,427	\$4,294,429 (\$124,066) \$0 (\$124,066) \$4,170,364	\$4,295,103 (\$124,066) \$0 (\$124,066) \$4,171,038	\$4,294,429 (\$124,066) \$0 (\$124,066) \$4,170,364	\$4,295,103 (\$124,066) \$0 (\$124,066) \$4,171,038	\$4,295,103 (\$124,066) \$0 (\$124,066) \$4,171,038	\$4,294,429 (\$124,066) \$0 (<u>\$124,066)</u> \$4,170,364	\$4,295,103 (\$124,066) \$0 (\$124,066) \$4,171,038	\$50,025,522 (\$1,488,790) \$0 (\$1,488,790) \$48,536,733
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 8 Cost of Capital 9 Return on Working Capital Requirement	[(5) * (6)] / 365 Dkt 4339 (7) * (8)	\$207,390 7.26% \$15,057	\$220,210 7.26% \$15,987	\$238,406 7.26% \$17,308	\$243,665 7.26% \$17,690	\$230,153 7.26% \$16,709	\$245,766 7.26% \$17,843	\$245,806 7.26% \$17,845	\$245,766 7.26% \$17,843	\$245,806 7.26% \$17,845	\$245,806 7.26% \$17,845	\$245,766 7.26% \$17,843	\$245,806 7.26% \$17,845	
10 Weighted Cost of Debt 11 Interest Expense	Dkt 4339 (7) * (10)	2.58% \$5,351	2.58% \$5,681	2.58% \$6,151	2.58% \$6,287	2.58% \$5,938	2.58% \$6,341	2.58% \$6,342	2.58% \$6,341	2.58% \$6,342	2.58% \$6,342	2.58% \$6,341	2.58% \$6,342	
12 Taxable Income 13 1 - Combined Tax Rate 14 Return and Tax Requirement	(9) - (11) Dkt 4323 (12) / (13)	\$9,706 0.65 \$14,932	\$10,306 0.65 \$15,855	\$11,157 0.65 \$17,165	\$11,404 0.65 \$17,544	\$10,771 0.65 \$16,571	\$11,502 0.65 \$17,695	\$11,504 0.65 \$17,698	\$11,502 0.65 \$17,695	\$11,504 0.65 \$17,698	\$11,504 0.65 \$17,698	\$11,502 0.65 \$17,695	\$11,504 0.65 \$17,698	\$270.742
15 Supply Fixed Working Capital Requirement	(11) + (14)	\$20,283	\$ <u>21,537</u>	\$ <u>23,316</u>	\$ <u>23,830</u>	\$22,509	\$ <u>24,036</u>	\$ <u>24,040</u>	\$ <u>24,036</u>	\$ <u>24,040</u>	\$ <u>24,040</u>	\$ <u>24,036</u>	\$ <u>24,040</u>	\$ <u>279,742</u>
16 Supply Variable Costs 17 Less: Balancing Related LNG Commodity (to DAC) 18 Plus: Supply Related LNG O&M Costs 19 Total Adjustments 20 Allowable Working Capital Costs	Sch. 1, line 21 Sch. 1, line 22 Dkt 4323 (17) + (18) (16) + (19)	\$6,640,193 \$0 \$0 \$0 \$6,640,193	\$16,506,195 \$0 \$0 \$0 \$0 \$16,506,195	\$16,528,212 \$0 \$0 \$0 \$0 \$16,528,212	\$13,317,911 \$0 \$0 \$0 \$0 \$13,317,911	\$10,677,190 \$0 \$0 \$0 \$0 \$10,677,190	\$5,616,549 \$0 \$0 \$0 \$5,616,549	\$3,113,439 \$0 \$0 \$0 \$3,113,439	\$1,851,734 \$0 \$0 \$0 \$1,851,734	\$1,381,041 \$0 \$0 \$0 \$0 \$1,381,041	\$1,216,385 \$0 \$0 \$0 \$1,216,385	\$1,257,633 \$0 \$0 \$0 \$1,257,633	\$3,095,747 \$0 \$0 \$0 \$3,095,747	\$81,202,229 \$0 \$0 \$0 <u>\$0</u> \$81,202,229
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	
 Working Capital Requirement Cost of Capital Return on Working Capital Requirement 	[(20) * (21)] / 365 Dkt 4339 (22) * (23)	\$391,317 7.26% \$28,410	\$972,735 7.26% \$70,621	\$974,032 7.26% \$70,715	\$784,845 7.26% \$56,980	\$629,223 7.26% \$45,682	\$330,992 7.26% \$24,030	\$183,480 7.26% \$13,321	\$109,125 7.26% \$7,923	\$81,387 7.26% \$5,909	\$71,683 7.26% \$5,204	\$74,114 7.26% \$5,381	\$182,437 7.26% \$13,245	
Weighted Cost of DebtInterest Expense	Dkt 4339 (22) * (25)	2.58% \$10,096	2.58% \$25,097	2.58% \$25,130	2.58% \$20,249	2.58% \$16,234	2.58% \$8,540	2.58% \$4,734	2.58% \$2,815	2.58% \$2,100	2.58% \$1,849	2.58% \$1,912	2.58% \$4,707	
 27 Taxable Income 28 1 - Combined Tax Rate 29 Return and Tax Requirement 	(24) - (26) Dkt 4323 (27) / (28)	\$18,314 0.65 \$28,175	\$45,524 0.65 \$70,037	\$45,585 0.65 \$70,130	\$36,731 0.65 \$56,509	\$29,448 0.65 \$45,304	\$15,490 0.65 \$23,831	\$8,587 0.65 \$13,211	\$5,107 0.65 \$7,857	\$3,809 0.65 \$5,860	\$3,355 0.65 \$5,161	\$3,469 0.65 \$5,336	\$8,538 0.65 \$13,135	
30 Supply Variable Working Capital Requirement	(26) + (29)	\$ <u>38,271</u>	\$ <u>95,133</u>	\$ <u>95,260</u>	\$ <u>76,758</u>	\$ <u>61,538</u>	\$ <u>32,371</u>	\$ <u>17,944</u>	\$ <u>10,672</u>	\$ <u>7,960</u>	\$ <u>7,011</u>	\$ <u>7,248</u>	\$ <u>17,842</u>	\$ <u>468,009</u>

INVENTORY FINANCE

			<u>Nov</u> Actual	<u>Dec</u> Actual	<u>Jan</u> Actual	Feb Actual	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)
Line	<u>Description</u>	Reference													
1 2	Storage Inventory Balance Monthly Storage Deferral/Amortization		\$7,822,815 \$3,032,959	\$6,955,021 \$2,330,590	\$6,926,335 \$1,468,592	\$5,655,452 \$702,371	\$2,625,570 \$0	\$3,621,498 \$0	\$4,638,275 \$0	\$5,717,263 \$0	\$6,678,263 \$0	\$7,809,786 \$0	\$9,138,715 \$0	\$10,300,233 \$0	
3	Subtotal	(1) + (2)	\$10,855,774	\$9,285,611	\$8,394,927	\$6,357,824	\$2,625,570	\$3,621,498	\$4,638,275	\$5,717,263	\$6,678,263	\$7,809,786	\$9,138,715	\$10,300,233	
4	Cost of Capital Return on Working Capital Requirement	Dkt 4323 (3) * (4)	7.26% \$788,129	7.26% \$674,135	7.26% \$609,472	7.26% \$461,578	7.26% \$190,616	7.26% \$262,921	7.26% \$336,739	7.26% \$415,073	7.26% \$484,842	7.26% \$566,990	7.26% \$663,471	7.26% \$747,797	\$6,201,763
3	Return on Working Capital Requirement	(3) * (4)	\$788,129	\$674,133	\$609,472	\$401,578	\$190,616	\$202,921	\$330,739	\$415,075	5464,642	\$300,990	\$603,471	\$141,191	\$6,201,763
6	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
7	Interest Charges Financed	(3) * (6)	\$280,079	\$239,569	\$216,589	\$164,032	\$67,740	\$93,435	\$119,667	\$147,505	\$172,299	\$201,492	\$235,779	\$265,746	\$2,203,932
8	Taxable Income	(5) - (7)	\$508,050	\$434,567	\$392,883	\$297,546	\$122,877	\$169,486	\$217,071	\$267,568	\$312,543	\$365,498	\$427,692	\$482,051	
9	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
10	Return and Tax Requirement	(8) / (9)	\$781,616	\$668,564	\$604,435	\$457,763	\$189,041	\$260,748	\$333,956	\$411,643	\$480,835	\$562,305	\$657,987	\$741,617	\$6,150,509
11	Working Capital Requirement	(7) + (10)	\$1,061,695	\$908,133	\$821,024	\$621,795	\$256,781	\$354,182	\$453,623	\$559,148	\$653,134	\$763,797	\$893,766	\$1,007,363	\$8,354,442
12	Monthly Average	(11) / 12	\$88,475	\$75,678	\$68,419	\$51,816	\$21,398	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$696,203
13	LNG Inventory Balance		\$3,386,262	\$2,997,625	\$2,697,248	\$2,532,709	\$844,280	\$1,518,512	\$2,205,170	\$2,871,965	\$3,098,114	\$3,211,057	\$3,876,581	\$3,987,966	
14	Cost of Capital	Dkt 4323	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
15	Return on Working Capital Requirement	(13) * (14)	\$245,843	\$217,628	\$195,820	\$183,875	\$61,295	\$110,244	\$160,095	\$208,505	\$224,923	\$233,123	\$281,440	\$289,526	\$2,412,316
16	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
17	Interest Charges Financed	(13) * (16)	\$87,366	\$77,339	\$69,589	\$65,344	\$21,782	\$39,178	\$56,893	\$74,097	\$79,931	\$82,845	\$100,016	\$102,890	\$857,269
18	Taxable Income	(15) - (17)	\$158,477	\$140.289	\$126,231	\$118,531	\$39,512	\$71,066	\$103,202	\$134,408	\$144.992	\$150,277	\$181,424	\$186,637	
19	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
20	Return and Tax Requirement	(18) / (19)	\$243,811	\$215,829	\$194,202	\$182,355	\$60,788	\$109,333	\$158,772	\$206,781	\$223,064	\$231,196	\$279,114	\$287,134	\$2,392,379
21	Working Capital Requirement	(17) + (20)	\$331,176	\$293,168	\$263,791	\$247,699	\$82,571	\$148,510	\$215,666	\$280,878	\$302,996	\$314,041	\$379,130	\$390,023	\$3,249,648
22	Monthly Average	(21) / 12	\$27,598	\$24,431	\$21,983	\$20,642	\$6,881	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$270,804
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$116,073	\$100,108	\$90,401	\$72,458	\$28,279	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$967,007

Actual Dth Usage for Filing

Actual I	Oth Usage for Filing													
		<u>Nov</u> Actual	Dec Actual	<u>Jan</u> Actual	Feb Actual	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)
	THROUGHPUT (Dth)				. ,						3,			` '
Line No.	Rate Class													
1	SALES													
2	Residential Non-Heating	27,860	38,287	50,638	50,625	104,444	78,155	53,411	35,271	25,629	24,348	25,656	35,674	549,999
3	Residential Non-Heating Low Income	708	1,220	1,697	1,646	0	0	0	0	0	0	0	0	5,271
4	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,965,004	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134 0	17,527,062
5 6	Residential Heating Low Income Small C&I	99,712 116,386	178,044 260,153	250,781 412,737	238,178 405,424	397,764	0 263,850	0 128,588	0 29,824	0 28	0 25	0 28	39,202	766,715 2,054,008
7	Medium C&I	202,328	353,053	502,001	473,805	480,751	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,080,961
8	Large LLF	38,117	70,274	111,810	100,523	107,471	74,903	42,642	18,952	7,967	6,309	8,101	21,542	608,612
9	Large HLF	17,053	21,083	26,215	26,803	22,388	18,966	16,331	14,397	13,180	13,048	13,191	14,260	216,916
10	Extra Large LLF	3,267	6,464	12,229	9,417	9,414	6,569	3,751	1,682	352	204	364	1,563	55,274
11	Extra Large HLF	10,464	5,556	6,078 4,309,240	3,679	11,768	11,179	11,264	11,327	11,399	11,404	11,398	11,354	116,871 24,981,689
12	Total Sales	1,621,637	2,962,145	4,309,240	4,195,075	4,099,004	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	24,981,689
13	TSS 2		020	1.642	1.720	0	0	0	0				0	4 102
14 15	Small Medium	1 1,651	820 2,542	1,643 5,657	1,720 6,588	0	0	0	0	0	0	0	0	4,183 16,438
16	Large LLF	1,104	2,207	5,122	5,623	0	0	0	0	0	0	0	0	14,056
17	Large HLF	360	986	(7,763)	781	0	0	0	0	0	0	0	0	(5,637)
18	Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Total TSS	3,116	6,555	4,658	14,712	0	0	0	0	0	0	0	0	29,041
21	Sales & TSS THROUGHPUT		20.20	#0 #00			#0.4##							- 40 000
22 23	Residential Non-Heating Residential Non-Heating Low Income	27,860 708	38,287 1,220	50,638 1,697	50,625 1,646	104,444	78,155 0	53,411	35,271 0	25,629 0	24,348	25,656	35,674 0	549,999 5,271
24	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,965,004	2,097,234	1,245,874	622,889	333,615	289,355	335,174	684,134	17,527,062
25	Residential Heating Low Income	99,712	178,044	250,781	238,178	0	0	0	0	0	0	0	0	766,715
26 27	Small C&I	116,387	260,972	414,380	407,145	397,764	263,850	128,588	29,824	28	25	28	39,202	2,058,192
27	Medium C&I	203,978	355,596	507,658	480,393	480,751	348,373	219,911	125,684	81,767	75,158	82,250	135,881	3,097,399
28 29	Large LLF	39,221	72,481	116,932 18,451	106,146 27,584	107,471	74,903	42,642	18,952 14,397	7,967 13,180	6,309 13,048	8,101	21,542	622,668 211,279
30	Large HLF Extra Large LLF	17,413 3,267	22,069 6,464	18,451	27,584 9,417	22,388 9,414	18,966 6,569	16,331 3,751	14,397	352	13,048	13,191 364	14,260 1,563	55,274
31	Extra Large HLF	10,464	5,556	6,078	3,679	11,768	11,179	11,264	11,327	11,399	11,404	11,398	11,354	116,871
32	Total Sales & TSS Throughput	1,624,752	2,968,700	4,313,898	4,209,787	4,099,004	2,899,229	1,721,774	860,026	473,936	419,850	476,163	943,610	25,010,730
33	FT-1 TRANSPORTATION													
	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
34	FT-1 Medium	15,039	57,778	91,539	92,513	84,991	68,439	48,047	33,161	25,574	24,628	25,725	34,041	601,475
35	FT-1 Large LLF	30,674	85,561	138,218	139,766	132,058	99,364	59,631	30,454	16,732	14,706	16,896	33,323	797,382
36 37	FT-1 Large HLF FT-1 Extra Large LLF	3,130 49,729	34,229 116,405	46,585 178,743	45,978 179,983	46,191 164,705	41,828 125,185	36,527 77,156	32,634 41,887	30,446 25,453	30,181 22,988	30,467 25,654	32,613 45,642	410,810 1,053,530
38	FT-1 Extra Large LLF FT-1 Extra Large HLF	26,686	491,114	557,480	552,086	540,132	516,324	487,391	466,144	467,404	465,913	467,525	479,610	5,517,807
39	Default	1,315	5,384	7,861	7,933	0	0	0	0	0	0	0	0	22,493
40	Total FT-1 Transportation	126,573	790,470	1,020,427	1,018,260	968,076	851,141	708,752	604,279	565,609	558,416	566,267	625,227	8,403,496
41	FT-2 TRANSPORTATION													
42	FT-2 Small	5,763	12,400	19,816	18,921	16,201	12,307	7,573	4,097	2,464	2,218	2,484	4,476	108,719
43	FT-2 Medium	113,132	196,524	277,630	266,892	254,775	197,657	127,585	75,879	50,797	47,414	51,410	80,659	1,740,354
44 45	FT-2 Large LLF FT-2 Large HLF	90,345 36,219	164,245 43,989	224,090 56,893	204,116 59,620	173,940 46,074	128,404 40,209	73,063 33,082	32,586 28,263	13,358 25,785	10,469 25,411	13,659 25,815	37,191 29,270	1,165,467 450,629
46	FT-2 Extra Large LLF	1.374	4,987	7,574	6,675	9,701	7,273	4,323	2,157	1,191	1,040	1,203	2,428	49,926
47	FT-2 Extra Large HLF	42,225	46,991	50,604	47,994	60,600	56,246	50,956	47,071	50,129	49,851	50,151	52,406	605,222
48	Total FT-2 Transportation	289,058	469,135	636,607	604,218	561,291	442,097	296,582	190,054	143,722	136,402	144,723	206,430	4,120,317
49	Total THROUGHPUT													
50	Residential Non-Heating	27,860	38,287	50,638	50,625	104,444	78,155	53,411	35,271	25,629	24,348	25,656	35,674	549,999
51	Residential Non-Heating Low Income	708	1,220	1,697	1,646	0	0	0	0	0	0	0	0	5,271
52 53	Residential Heating Residential Heating Low Income	1,105,743 99,712	2,028,011 178,044	2,935,054 250,781	2,884,975 238,178	2,965,004	2,097,234	1,245,874	622,889	333,615 0	289,355 0	335,174	684,134 0	17,527,062 766,715
53 54	Small C&I	122,150	273,372	434,196	426,066	413,966	276,157	136,161	33,921	2,491	2,243	2,511	43,678	2,166,911
55	Medium C&I	332,149	609.897	876.827	839,797	820,517	614.469	395,543	234,724	158,138	147,199	159,385	250,580	5,439,227
56	Large LLF	160,240	322,287	479,241	450,028	413,469	302,671	175,337	81,992	38,056	31,484	38,657	92,056	2,585,517
57	Large HLF	56,763	100,288	121,930	133,181	114,653	101,004	85,940	75,294	69,410	68,640	69,473	76,143	1,072,718
58	Extra Large LLF	54,369	127,856	198,546	196,075	183,820	139,027	85,231	45,726	26,996	24,231	27,220	49,633	1,158,731
59	Extra Large HLF	79,375	543,661	614,162	603,758	612,499	583,749	549,611	524,542	528,931	527,168	529,074	543,369	6,239,900
60 61	Default Total Throughput	1,315 2,040,383	5,384 4,228,306	7,861 5,970,932	7,933 5,832,264	5,628,371	4,192,466	2,727,108	1,654,359	1,183,267	1,114,668	1,187,152	1,775,267	22,493 37,534,543
01	roum rinoughput	2,040,363	4,440,300	2,710,734	2,022,204	2,020,2/1	4,172,400	4,747,100	1,034,339	1,103,207	1,114,000	1,10/,132	1,//3,20/	31,334,343