

February 22, 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 Grid¹ 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 three months of actual data and nine months of projected data, the deferred gas cost balance at the end of October 2016 is an underrecovery of approximately \$1.9 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 January 31, 2016 and projected gas costs and gas cost revenue for the period of February 1, 2016 through October 31, 2016. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of February 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 January 31, 2016 and revised projected gas costs for February 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.

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

Luly E. Massaro, Commission Clerk Docket 4576 – GCR Deferred Report February 22, 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

: Wfi Ufm& 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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Luly E. Massaro, Commission Clerk		
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Deferred Gas Cost Balances

Line		D 6													
No.	<u>Description</u>	Reference	Nov	Dog	Ion	Fab	Mon	4.00	Mov	Inn	Inl	A 110	Con	Oct	Nov-Oct
			Nov Actual	Dec Actual	<u>Jan</u> Actual	<u>Feb</u> Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	<u>Jul</u> Forecast	Aug Forecast	Sep Forecast	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)
	I. Fixed Cost Deferred		(02.005.425)	(01.551.150)	(0.0.1.1.55.1)	(00.750.400)	(0.5 500.000)	(00.501.014)	(00.105.500)	(00.252.052)	(0.5 500 050)	(0.1.155.550)	(02.210.405)	(0.1.1.100)	(02.005.425)
3	Beginning Balance		(\$2,895,427)	(\$1,771,176)	(\$2,314,774)	(\$3,760,432)	(\$6,720,328)	(\$8,591,914)	(\$9,107,533)	(\$8,252,853)	(\$6,593,870)	(\$4,466,663)	(\$2,218,485)	(\$44,180)	(\$2,895,427)
5	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,748,291	\$3,521,947	\$3,524,390	\$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	\$45,243,099
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	\$19,578	\$20,625	\$20,634	\$21,520	\$21,524	\$21,520	\$21,524	\$21,524	\$21,520	\$21,524	\$251,920
10		sum[(4):(9)]	\$2,909,723	\$2,682,077	\$2,684,534	\$2,867,446	\$2,868,963	\$3,023,766	\$3,024,442	\$3,023,766	\$3,024,442	\$3,024,442	\$3,023,766	\$3,024,442	\$35,181,810
11	** 3	Sch. 3, line 13	\$1,724,573	\$3,223,290	\$4,126,326	\$5,821,100	\$4,730,801	\$3,528,480	\$2,158,711	\$1,355,636	\$890,194	\$772,008	\$848,067	\$1,104,529	\$30,283,718
12		(3) + (10) - (11)	(\$1,710,277)	(\$2,312,389)	(\$3,756,565)	(\$6,714,087)	(\$8,582,167)	(\$9,096,629)	(\$8,241,802)	(\$6,584,724)	(\$4,459,622)	(\$2,214,229)	(\$42,786)	\$1,875,733	\$2,002,665
13 14		[(3) + (12)] / 2	(\$2,302,852) 1.25%	(\$2,041,783) 1.38%	(\$3,035,669) 1.50%	(\$5,237,260) 1.50%	(\$7,651,247) 1.50%	(\$8,844,271) 1.50%	(\$8,674,667) 1.50%	(\$7,418,788) 1.50%	(\$5,526,746) 1.50%	(\$3,340,446) 1.50%	(\$1,130,636) 1.50%	\$915,776 1.50%	
15		[(13) * (14)] / 365 * (1)	(\$2,366)	(\$2,384)	(\$3,867)	(\$6,242)	(\$9,747)	(\$10,904)	(\$11,051)	(\$9,146)	(\$7,041)	(\$4,256)	(\$1,394)	\$1,167	(\$67,232)
16	**	Dkt 4576	(\$58,533)	(\$2,364)	(\$5,007)	(\$0,242)	(\$2,747)	(\$10,704)	(ψ11,031)	(ψ2,140)	(\$7,041)	(\$4,250)	(\$1,554)	φ1,107	(\$58,533)
	Fixed Ending Balance	(12) + (15) + (16)	(\$1,771,176)	(\$2,314,774)	(\$3,760,432)	(\$6,720,328)	(\$8,591,914)	(\$9,107,533)	(\$8,252,853)	(\$6,593,870)	(\$4,466,663)	(\$2,218,485)	(\$44,180)	\$1,876,899	\$1,935,433
	- C														
	II. Variable Cost Deferred														
19			\$14,821,207	\$15,099,370	\$16,938,055	\$21,436,892	\$18,546,492	\$15,005,743	\$8,511,484	\$4,718,561	\$2,610,809	\$1,849,425	\$1,438,353	\$597,466	\$14,821,207
20		6121 76	67.164.201	£12.002.521	610 020 050	¢17.000.514	£12 222 204	ec oct 177	#2.570.640	#2 200 402	£1.002.505	61.010.544	61 660 756	62 007 074	£00 521 707
21 22		Sch. 2, line 76 Dkt 4339	\$7,164,301 \$0	\$13,003,521 \$0	\$18,939,058 \$0	\$17,980,514 \$0	\$13,333,294 \$0	\$5,961,177 \$0	\$3,579,649 \$0	\$2,289,402 \$0	\$1,902,505 \$0	\$1,810,544 \$0	\$1,660,756 \$0	\$2,897,074 \$0	\$90,521,797 \$0
23		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		Sch. 5, line 22	\$30,581	\$29,688	\$24,819	\$18,349	\$16,349	\$20,313	\$24,505	\$28,656	\$33,007	\$33,504	\$37,748	\$37,832	\$335,350
25		Sch. 5, line 12	\$101,791	\$96,132	\$76,679	\$33,554	\$19,944	\$27,884	\$35,146	\$42,557	\$49,966	\$57,391	\$65,595	\$72,771	\$679,411
26	Working Capital	Sch. 4, line 30	\$41,249	\$74,869	\$109,044	\$103,525	\$76,768	\$34,322	\$20,610	\$13,181	\$10,954	\$10,424	\$9,562	\$16,680	\$521,189
27	Total Supply Variable Costs	sum[(20):(26)]	\$7,385,647	\$13,251,935	\$19,197,323	\$18,183,667	\$13,494,080	\$6,091,421	\$3,707,635	\$2,421,521	\$2,044,157	\$1,959,588	\$1,821,386	\$3,072,081	\$92,630,441
28		Sch. 3, line 30	\$7,122,847	\$11,516,237	\$14,722,915	\$21,097,879	\$17,056,187	\$12,600,168	\$7,508,980	\$4,533,788	\$2,808,380	\$2,372,753	\$2,663,527	\$3,610,893	\$107,614,553
29		(19) + (27) - (28)	\$15,084,008	\$16,835,068	\$21,412,463	\$18,522,680	\$14,984,384	\$8,496,996	\$4,710,139	\$2,606,294	\$1,846,586	\$1,436,261	\$596,212	\$58,654	(\$162,905)
30		[(19) + (29)] / 2	\$14,952,608	\$15,967,219	\$19,175,259	\$19,979,786	\$16,765,438	\$11,751,369	\$6,610,811	\$3,662,428	\$2,228,698	\$1,642,843	\$1,017,283	\$328,060	
31 32		[(30) * (31)] / 365 * (1)	1.25% \$15.362	1.38% \$18,647	1.50% \$24,429	1.50% \$23.812	1.50% \$21,359	1.50% \$14,488	1.50% \$8,422	1.50% \$4,515	1.50% \$2,839	1.50% \$2,093	1.50% \$1,254	1.50% \$418	\$137,638
33		[(30) · (31)] / 303 · (1)	\$15,302	\$84,340	\$24,429	\$23,612	\$21,339 \$0	\$14,466	\$0,422	\$4,515	\$2,639	\$2,093	\$1,234	\$0	\$84,340
	Variable Ending Balance	(29) + (32) + (33)	\$15,099,370	\$16,938,055	\$21,436,892	\$18,546,492	\$15,005,743	\$8,511,484	\$4,718,561	\$2,610,809	\$1,849,425	\$1,438,353	\$597,466	\$59,072	\$59,072
		() () ()													
	GCR Deferred Summary	(2) - (10)	611 025 700	£12 220 104	614 622 201	#17 C7C 4C0	£11.026.162	ec 412 920	(0506.040)	(#2.524.202)	(62.002.061)	(60 (17 000)	(#700 121)	0552.206	611.025.700
36	0 0	(3) + (19)	\$11,925,780	\$13,328,194	\$14,623,281	\$17,676,460	\$11,826,163	\$6,413,829	(\$596,049)	(\$3,534,292)	(\$3,983,061)	(\$2,617,238)	(\$780,131)	\$553,286	\$11,925,780
37		sum[(4):(7),(16),(20):(23)]	\$10,825,682	\$16,497,092	\$22,435,072	\$21,658,394	\$17,012,682	\$9,794,480	\$7,413,626	\$6,122,706	\$5,736,482	\$5,644,521	\$5,494,060	\$6,731,051	\$135,365,848
38 39	-	(24) + (25)	\$132,373 \$62,116	\$125,820 \$94,433	\$101,497 \$128,621	\$51,903 \$124,150	\$36,293	\$48,198 \$55,842	\$59,651 \$42,134	\$71,212 \$34,701	\$82,973 \$32,477	\$90,895 \$31,948	\$103,343 \$31,082	\$110,602 \$38,204	\$1,014,761 \$773,109
40	e 1	(9) + (26) (8)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	\$97,401 (\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$9,400,000)
40		(8) sum[(37):(40)]	\$10,236,837	\$15,934,012	\$21,881,857	\$21,051,113	\$16,363,043	\$9,115,186	\$6,732,078	\$5,445,286	\$5,068,599	\$4,984,031	\$4,845,151	\$6,096,524	\$127,753,718
41		(11) + (28)	\$8,847,420	\$13,934,012 \$14,739,527	\$18,849,240	\$26,918,979	\$10,363,043	\$16,128,648	\$9,667,691	\$5,889,424	\$3,698,574	\$3,144,761	\$3,511,594	\$4,715,422	\$127,733,718
42		(36) + (41) - (42)	\$13,315,198	\$14,739,327 \$14,522,679	\$17,655,898	\$11,808,593	\$6,402,218	(\$599,633)	(\$3,531,663)	(\$3,978,430)	(\$2,613,036)	(\$777,969)	\$5,511,594 \$553,426	\$1,934,387	\$137,070,271
44		[(36) + (43)] / 2	\$12,620,489	\$13,925,437	\$16,139,590	\$14,742,527	\$9,114,191	\$2,907,098	(\$2,063,856)	(\$3,756,361)	(\$3,298,049)	(\$1,697,603)	(\$113,353)	\$1,243,836	
45		[(==\) - (==\)] - =	1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	
46		(15) + (32)	\$12,996	\$16,262	\$20,561	\$17,570	\$11,611	\$3,584	(\$2,629)	(\$4,631)	(\$4,202)	(\$2,163)	(\$140)	\$1,585	\$70,405
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	\$14,623,281	\$17,676,460	\$11,826,163	\$6,413,829	(\$596,049)	(\$3,534,292)	(\$3,983,061)	(\$2,617,238)	(\$780,131)	\$553,286	\$1,935,972	\$1,935,972

Supply Estimates and Actuals for Filing

Line No.	Projected Gas Costs using 2/8/2016 NYMEX settled Description	No Actu (a) Reference	al	Dec Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct (m)
1 2 3 4 5 6 7 8 9 10 11 12 13 14	SUPPLY FIXED COSTS - Pipeline Delivery Algonquin (includes East to West, Hubline, AMA credits) TETCO/Texas Eastern Tennessee NETNE Iroquois Union Transcanada Dominion Transco National Fuel Columbia Alberta Northeast Less Credits from Mkter Releases	\$ \$	784,089 722,017 930,608 \$0 \$6,676 \$0 \$0 \$2,276 \$4,869 \$4,667 340,803 \$371 639,181) \$0	\$836,387 \$722,257 \$976,328 \$0 \$6,676 \$0 \$0 \$2,276 \$5,032 \$4,574 \$289,238 \$342 \$657,699) \$0	\$829,995 \$722,264 \$976,328 \$0 \$6,676 \$0 \$0 \$2,276 \$5,032 \$4,480 \$289,797 \$387 \$674,773)	\$820,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,096 \$12,712 \$2,232 \$4,545 \$4,667 \$290,947 \$0 (\$508,753) \$0	\$820,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,240 \$13,589 \$2,232 \$5,032 \$4,667 \$290,947 \$0 (\$508,753)	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,168 \$13,150 \$2,232 \$4,869 \$4,667 \$290,947 \$0 (\$508,753) \$0	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,240 \$13,589 \$2,232 \$5,032 \$4,667 \$290,947 \$0 (\$508,753) \$0	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,168 \$13,150 \$2,232 \$4,869 \$4,667 \$290,947 \$0 (\$508,753)	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,240 \$13,589 \$2,232 \$5,032 \$4,667 \$290,947 \$0 (\$508,753) \$0	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,240 \$13,589 \$2,232 \$5,032 \$4,667 \$290,947 \$0 (\$508,753)	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,168 \$13,150 \$2,232 \$4,869 \$4,667 \$290,947 \$(\$508,753) \$0	\$824,150 \$722,078 \$1,002,556 \$0 \$6,676 \$2,240 \$13,589 \$2,232 \$5,032 \$4,667 \$290,947 (\$508,753) \$0	\$9,859,816 \$8,665,241 \$11,906,263 \$0 \$80,115 \$19,800 \$120,107 \$26,915 \$59,245 \$55,726 \$3,538,358 (\$6,550,428) \$0
15 16 17	Supply Fixed - Supplier 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
18 19 20 21 22	STORAGE FIXED COSTS - Facilities Texas Eastern Dominion Tennessee Columbia		\$85,022 \$82,949 \$42,271 \$20,608	\$84,962 \$82,949 \$48,337 \$3,477	\$85,011 \$82,949 \$50,950 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$95,059 \$82,967 \$49,804 \$9,694	\$1,110,527 \$995,554 \$589,794 \$121,026
23 24 25 26 27 28	STORAGE FIXED COSTS - Delivery Algonquin TETCO Tennessee Dominion Columbia Confidential Pipelinne and Peaking Supplies		215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$215,436 \$87,599 \$91,219 \$30,695 \$15,171	\$2,585,230 \$1,051,186 \$1,094,622 \$368,340 \$182,049
30	TOTAL FIXED COSTS	sum[(2):(29)] \$3	748,291	\$3,521,947	\$3,524,390	\$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	\$45,243,099

Supply Estimates and Actuals for Filing

			<u>Nov</u> <u>Actual</u>	<u>Dec</u> <u>Actual</u>	<u>Jan</u> <u>Actual</u>	Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
	Projected Gas Costs using 2/8/2016 NYMEX settled		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Line No.	<u>Description</u>	Reference													
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32 33	Tennessee (Includes ANE and Niagara) TETCO (Includes B&W)					\$2,109,268 \$101,631	\$1,370,110 \$115,394	\$1,214,269 \$0	\$886,768 \$0	\$734,663 \$0	\$779,947 \$0	\$743,200 \$0	\$469,634 \$0	\$839,850 \$0	\$9,147,708 \$217,025
34	M3 Delivered					\$745,313	\$570,333	\$2,269,818	\$438,058	\$890,924	\$0	\$0	\$794,989	\$377,132	\$6,086,566
35 36	Maumee Broadrun Col					\$1,619,811 \$574,924	\$1,101,183 \$400,488	\$184,579 \$23,591	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,905,574 \$999,003
37	Columbia Eagle and Downingtown					\$374,924 \$746,391	\$758,710	\$23,391 \$135,207	\$67.071	\$61.674	\$57.029	\$66,760	\$37.055	\$21.145	\$1,951,043
38	TETCO M2					\$1,287,154	\$1,474,416	\$422,197	\$1,293,108	\$419,894	\$1,072,988	\$975,534	\$477,692	\$1,313,452	\$8,736,435
39	Dominion to TETCO FTS					\$23,158	\$26,620	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,778
40	Transco Leidy					\$51,683	\$54,927	\$55,113	\$53,532	\$40,754	\$35,319	\$30,972	\$28,230	\$45,815	\$396,344
41 42	DistriGas FCS Hubline					\$0 \$716,568	\$0 \$127,187	\$0 \$18,323	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$862,078
72	Hubine					ψ/10,500	\$127,107	Ψ10,323	ΨΟ	Ψ0	φο	ΨΟ	ΨΟ	Ψ0	\$602,076
43	Total Pipeline Commodity Charges	sum[(32):(42)]	\$2,817,640	\$5,590,786	\$9,087,594	\$7,975,902	\$5,999,368	\$4,323,097	\$2,738,537	\$2,147,909	\$1,945,283	\$1,816,466	\$1,807,599	\$2,597,394	\$48,847,575
44	Hedging Settlements and Amortization		\$2,827,644	\$5,622,697	\$5,960,230	\$6,252,860	\$4,667,663	\$2,233,196	\$1,467,937	\$798,078	\$640,579	\$696,019	\$623,147	\$973,923	\$32,763,973
45	Hedging Contracts - Commission & Other Fees Hedging Contracts - Net Carry of Collateral		\$168,614	\$804,160	\$870,881	\$807,763 \$0	\$712,809	\$7,820 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$3,372,047
46 47	Refunds		\$14,953 \$0	\$14,864 \$0	\$16,589 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$46,406 \$0
48	Less: Costs of Injections		\$0 \$0	\$0	\$0	\$0 \$0	\$0	(\$713,904)	(\$719,391)	(\$739,914)	(\$766,854)	(\$783,385)	(\$848,442)	(\$754,551)	(\$5,326,443)
								(4.10,201)	(+1-2,622)	(4.22,523)	(4.44,44.7)	(++++++++++++++++++++++++++++++++++++++	(++++,++2)	(4.11.,000)	(++,+==+,+++)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,828,851	\$12,032,506	\$15,935,295	\$15,036,524	\$11,379,841	\$5,850,208	\$3,487,083	\$2,206,073	\$1,819,007	\$1,729,100	\$1,582,304	\$2,816,766	\$79,703,558
50	Underground Storage		\$677,039	\$398,548	\$1,689,439	\$1,842,536	\$1,628,156	\$10,113	\$0	\$0	\$0	\$0	\$0	\$0	\$6,245,831
51	LNG Withdrawals and Trucking		\$107,834	\$84,350	\$895,005	\$969,796	\$207,010	\$99,715	\$92,566	\$83,330	\$83,498	\$81,445	\$78,453	\$80,308	\$2,863,310
52	Storage Delivery Costs		\$0	\$0	\$0	\$131,657	\$118,287	\$1,141	\$0	\$0	\$0	\$0	\$0	\$0	\$251,085
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$784,873	\$482,898	\$2,584,444	\$2,943,990	\$1,953,454	\$110,969	\$92,566	\$83,330	\$83,498	\$81,445	\$78,453	\$80,308	\$9,360,226
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,980,514	\$13,333,294	\$5,961,177	\$3,579,649	\$2,289,402	\$1,902,505	\$1,810,544	\$1,660,756	\$2,897,074	\$89,063,784
55	TOTAL SUPPLY COSTS	(30) + (54)	\$10,362,015	\$16,037,351	\$22,044,129	\$21,686,770	\$17,041,058	\$9,822,857	\$7,442,002	\$6,151,082	\$5,764,858	\$5,672,897	\$5,522,436	\$6,759,427	\$134,306,883

Supply Estimates and Actuals for Filing

			Nov	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov-Oct
			Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
	Projected Gas Costs using 2/8/2016 NYMEX settled														
Line	<u>Description</u>	Reference													
No.															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$394,591	\$383,465	\$392,345	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$401,264	\$4,781,781
58	Storage Fixed Costs - Deliveries		\$1,305,744	\$1,062,866	\$1,062,869	\$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	\$12,532,675
59	sub-total Storage Costs	sum[(56):(57)]	\$1,700,335	\$1,446,331	\$1,455,214	\$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	\$17,314,456
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	\$101,497	\$51,903	\$36,293	\$48,198	\$59,651	\$71,212	\$82,973	\$90,895	\$103,343	\$110,602	\$1,014,761
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	\$19,578	\$20,625	\$20,634	\$21,520	\$21,524	\$21,520	\$21,524	\$21,524	\$21,520	\$21,524	\$251,920
64	Total FT-2 Storage Fixed Costs	sum[(59):(63)]	\$1,777,474	\$1,515,614	\$1,500,188	\$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	\$17,667,929
65	System Storage MDQ (Dth)		193,596	169,835	169,667	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	149,325	1,877,024
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.1813	\$8.9240	\$8.8420	\$8.6510	\$8.5465	\$9.6406	\$9.7174	\$9.7948	\$9.8736	\$9.9266	\$10.0099	\$10.0586	\$9.4127
67	Pipeline Variable	(54)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,980,514	\$13,333,294	\$5,961,177	\$3,579,649	\$2,289,402	\$1,902,505	\$1,810,544	\$1,660,756	\$2,897,074	\$89,063,784
68	Less Non-firm Gas Costs		(\$59,229)	(\$117,023)	(\$150,820)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$327,072)
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	\$84,751	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$341,461
74	Plus Pipeline Srchg/Credit		\$449,140	\$490,398	\$506,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,445,937
75	Less Mkter FT-2 Daily weather true-up		\$17,419	\$1,278	(\$21,010)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,313)
76	TOTAL FIRM COMMODITY COSTS	sum[(67):(75)]	\$7,164,301	\$13,003,521	\$18,939,058	\$17,980,514	\$13,333,294	\$5,961,177	\$3,579,649	\$2,289,402	\$1,902,505	\$1,810,544	\$1,660,756	\$2,897,074	\$90,521,797

GCR Revenue

			Nov Actual (a)	<u>Dec</u> Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct (m)
Line	<u>Description</u>	Reference													
<u>No.</u> 1	I. Fixed Cost Revenue														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,316,256	2,596,037	3,373,716	4,844,548	3,905,629	2,869,508	1,700,670	1,007,693	606,903	503,149	561,628	785,129	24,070,867
3 4	Fixed Cost Factor Low Load Revenue	(4) / (2)	\$1.1375 \$1,497,286	\$1.1494 \$2,983,958	\$1.1417 \$3,851,664	\$1.1421 \$5,532,958	\$1.1421 \$4,460,619	\$1.1421 \$3,277,265	\$1.1421 \$1,942,336	\$1.1421 \$1,150,886	\$1.1421 \$693,144	\$1.1421 \$574,647	\$1.1421 \$641,436	\$1.1421 \$896,695	\$27,502,894
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	72,391	103,495	108,116	163,257	142,837	121,275	81,665	68,449	59,695	60,049	70,588	71,955	1,123,772
6 7	Fixed Cost Factor High Load Revenue	(7) / (5)	\$0.9169 \$66,375	\$0.8845 \$91,540	\$0.8805 \$95,197	\$0.8796 \$143,600	\$0.8796 \$125,640	\$0.8796 \$106,673	\$0.8796 \$71,833	\$0.8796 \$60,208	0.8796 \$52,508	0.8796 \$52,819	0.8796 \$62,089	0.8796 \$63,292	\$991,774
8	sub-total throughput Dth	(2) + (5)	1,388,648	2,699,532	3,481,832	5,007,804	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,194,638
9	FT-2 Storage Revenue from marketers		\$159,744	\$146,055	\$178,446	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$144,542	\$1,785,127
10	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473	863										
11 12	Fixed cost factor (dth) Manchester Street Revenue	Inherent in approved GCR (10) * (11)	\$1.1796 \$1,169	\$1.1796 \$1,737	\$1.1796 \$1,018	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$1.1796 \$0	\$3,924
12	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$1,724,573	\$3,223,290	\$4,126,326	\$5,821,100	\$4,730,801	\$3,528,480	\$2,158,711	\$1,355,636	\$890,194	\$772,008	\$848,067	\$1,104,529	\$30,283,718
13	TOTAL PIACE REVEILE	(4) + (7) + (2) + (12)	φ1,724,575	φ3,223,270	φ4,120,320	\$5,021,100	φ4,730,001	φ3,520,400	\$2,130,711	\$1,333,030	φονο,1ν4	φ772,000	φο 4 0,007	\$1,104,527	\$30,203,710
14	II. Variable Cost Revenue														
15	(a) Firm Sales dth	(8)	1,388,648	2,699,532	3,481,832	5,007,804	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,194,638
16 17	Variable Supply Cost Factor Variable Supply Revenue	(17) / (15)	\$5.1025 \$7,085,565	\$4.2399 \$11,445,726	\$4.2116 \$14,664,054	\$4.2130 \$21,097,879	\$4.2130 \$17,056,187	\$4.2130 \$12,600,168	\$4.2130 \$7,508,980	\$4.2130 \$4,533,788	\$4.2130 \$2,808,380	\$4.2130 \$2,372,753	\$4.2130 \$2,663,527	\$4.2130 \$3,610,893	\$107,447,900
18	(b) TSS Sales dth	Sch. 6, line 20	17,510	26,312	29,803										73,625
19 20	TSS Surcharge Factor TSS Surcharge Revenue	Company's website (18) * (19)	\$0.0000 \$0	\$0.0000 \$0	\$0.0000 \$0	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
	(c) Default Sales dth	Sch. 6, line 60	4.805	8,633	7,800	0	0	0	0	0				_	21,237
21 22	Variable Supply Cost Factor	(23) / (21)	\$6.65	\$6.40	\$7.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	Variable Supply Revenue		\$31,962	\$55,235	\$55,105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,302
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	863	0	0	0	0	0	0	0	0	0	
28 29	Variable Supply Cost Factor (dth) Manchester Street Revenue	Inherent in approved GCR (27) * (28)	\$4.3514 \$4,310	\$4.3514 \$6,408	\$4.3514 \$3,756	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$4.3514 \$0	\$14,474
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$7,122,847	\$11,516,237	\$14,722,915	\$21,097,879	\$17,056,187	\$12,600,168	\$7,508,980	\$4,533,788	\$2,808,380	\$2,372,753	\$2,663,527	\$3,610,893	\$107,614,553
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,847,420	\$14,739,527	\$18,849,240	\$26,918,979	\$21,786,988	\$16,128,648	\$9,667,691	\$5,889,424	\$3,698,574	\$3,144,761	\$3,511,594	\$4,715,422	\$137,898,271

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> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
<u>Description</u> Line	Reference													
No. Supply Fixed Costs Less: LNG Demand to DAC Plus: Supply Related LNG O&M Costs Total Adjustments Allowable Working Capital Costs	Sch. 1, line 5 Sch. 1, line 6 Dkt 4323 (2) + (3) (1) + (4)	\$3,748,291 (\$124,066) \$0 (<u>\$124,066)</u> \$3,624,225	\$3,521,947 (\$124,066) \$0 (\$124,066) \$3,397,881	\$3,524,390 (\$124,066) \$0 (<u>\$124,066)</u> \$3,400,325	\$3,706,255 (\$124,066) \$0 (<u>\$124,066)</u> \$3,582,190	\$3,707,764 (\$124,066) \$0 (<u>\$124,066)</u> \$3,583,698	\$3,861,680 (\$124,066) \$0 (\$124,066) \$3,737,614	\$3,862,353 (\$124,066) \$0 (\$124,066) \$3,738,287	\$3,861,680 (\$124,066) \$0 (\$124,066) \$3,737,614	\$3,862,353 (\$124,066) \$0 (\$124,066) \$3,738,287	\$3,862,353 (\$124,066) \$0 (\$124,066) \$3,738,287	\$3,861,680 (\$124,066) \$0 (\$124,066) \$3,737,614	\$3,862,353 (\$124,066) \$0 (\$124,066) \$3,738,287	\$45,243,099 (\$1,488,790) \$0 (\$1,488,790) \$43,754,309
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)	\$213,581 7.25% \$15,485	\$200,242 7.25% \$14,518	\$200,386 7.25% \$14,528	\$211,104 7.25% \$15,305	\$211,193 7.25% \$15,311	\$220,263 7.25% \$15,969	\$220,303 7.25% \$15,972	\$220,263 7.25% \$15,969	\$220,303 7.25% \$15,972	\$220,303 7.25% \$15,972	\$220,263 7.25% \$15,969	\$220,303 7.25% \$15,972	
10 Weighted Cost of Debt11 Interest Expense	Dkt 4339 (7) * (10)	2.57% \$5,489	2.57% \$5,146	2.57% \$5,150	2.57% \$5,425	2.57% \$5,428	2.57% \$5,661	2.57% \$5,662	2.57% \$5,661	2.57% \$5,662	2.57% \$5,662	2.57% \$5,661	2.57% \$5,662	
12 Taxable Income 13 1 - Combined Tax Rate 14 Return and Tax Requirement	(9) - (11) Dkt 4323 (12) / (13)	\$9,996 0.65 \$15,378	\$9,371 0.65 \$14,417	\$9,378 0.65 \$14,428	\$9,880 0.65 \$15,199	\$9,884 0.65 \$15,206	\$10,308 0.65 \$15,859	\$10,310 0.65 \$15,862	\$10,308 0.65 \$15,859	\$10,310 0.65 \$15,862	\$10,310 0.65 \$15,862	\$10,308 0.65 \$15,859	\$10,310 0.65 \$15,862	
15 Supply Fixed Working Capital Requirement	(11) + (14)	\$ <u>20,867</u>	\$ <u>19,564</u>	\$ <u>19,578</u>	\$20,625	\$ <u>20,634</u>	\$ <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>251,920</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)	\$7,164,301 \$0 \$0 \$0 \$7,164,301	\$13,003,521 \$0 \$0 \$0 \$13,003,521	\$18,939,058 \$0 \$0 <u>\$0</u> \$18,939,058	\$17,980,514 \$0 \$0 \$0 \$0 \$17,980,514	\$13,333,294 \$0 \$0 \$0 \$13,333,294	\$5,961,177 \$0 \$0 \$0 \$0 \$5,961,177	\$3,579,649 \$0 \$0 \$0 \$3,579,649	\$2,289,402 \$0 \$0 \$0 \$2,289,402	\$1,902,505 \$0 \$0 \$0 \$1,902,505	\$1,810,544 \$0 \$0 \$0 \$1,810,544	\$1,660,756 \$0 \$0 \$0 \$1,660,756	\$2,897,074 \$0 \$0 \$0 \$2,897,074	\$90,521,797 \$0 \$0 \$0 \$90,521,797
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)	\$422,203 7.25% \$30,610	\$766,317 7.25% \$55,558	\$1,116,107 7.25% \$80,918	\$1,059,619 7.25% \$76,822	\$785,751 7.25% \$56,967	\$351,301 7.25% \$25,469	\$210,954 7.25% \$15,294	\$134,918 7.25% \$9,782	\$112,117 7.25% \$8,129	\$106,698 7.25% \$7,736	\$97,871 7.25% \$7,096	\$170,729 7.25% \$12,378	
Weighted Cost of DebtInterest Expense	Dkt 4339 (22) * (25)	2.57% \$10,851	2.57% \$19,694	2.57% \$28,684	2.57% \$27,232	2.57% \$20,194	2.57% \$9,028	2.57% \$5,422	2.57% \$3,467	2.57% \$2,881	2.57% \$2,742	2.57% \$2,515	2.57% \$4,388	
 27 Taxable Income 28 1 - Combined Tax Rate 29 Return and Tax Requirement 	(24) - (26) Dkt 4323 (27) / (28)	\$19,759 0.65 \$30,399	\$35,864 0.65 \$55,175	\$52,234 0.65 \$80,360	\$49,590 0.65 \$76,293	\$36,773 0.65 \$56,574	\$16,441 0.65 \$25,294	\$9,873 0.65 \$15,189	\$6,314 0.65 \$9,714	\$5,247 0.65 \$8,072	\$4,993 0.65 \$7,682	\$4,580 0.65 \$7,047	\$7,990 0.65 \$12,292	
30 Supply Variable Working Capital Requirement	(26) + (29)	\$ <u>41,249</u>	\$ <u>74,869</u>	\$ <u>109,044</u>	\$ <u>103,525</u>	\$ <u>76,768</u>	\$ <u>34,322</u>	\$ <u>20,610</u>	\$ <u>13,181</u>	\$ <u>10,954</u>	\$ <u>10,424</u>	\$ <u>9,562</u>	\$ <u>16,680</u>	\$ <u>521,189</u>

INVENTORY FINANCE

			Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	Jul Forecast (i)	Aug Forecast (i)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct (m)
			()			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			(6)	` '		<i>y</i>		· · ·	` /
Line No.	<u>Description</u>	Reference													
1	Storage Inventory Balance		\$9,323,989	\$9,431,867	\$7,912,417	\$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	
2	Monthly Storage Deferral/Amortization	(1) . (2)	\$3,178,547	\$2,375,546	\$1,505,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$8.056,728	\$0	
5 4	Subtotal Cost of Capital	(1) + (2) Dkt 4323	\$12,502,536 7.25%	\$11,807,413 7.25%	\$9,418,045 7.25%	\$4,121,265 7.25%	\$2,449,665 7.25%	\$3,424,901 7.25%	\$4,316,856 7.25%	\$5,227,041 7.25%	\$6,137,090 7.25%	\$7,049,000 7.25%	7.25%	\$8,938,049 7.25%	
5	Return on Working Capital Requirement	(3) * (4)	\$906,434	\$856,037	\$682,808	\$298,792	\$177,601	\$248,305	\$312,972	\$378,961	\$444,939	\$511,052	\$584,113	\$648,009	\$6,050,023
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	\$242,044	\$105,917	\$62,956	\$88,020	\$110,943	\$134,335	\$157,723	\$181,159	\$207,058	\$229,708	\$2,144,629
8	Taxable Income	(5) - (7)	\$585,119	\$552,587	\$440,765	\$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	\$678,099	\$296,731	\$176,376	\$246,593	\$310,814	\$376,347	\$441,871	\$507,528	\$580,084	\$643,540	\$6,008,299
11	Working Capital Requirement	(7) + (10)	\$1,221,498	\$1,153,584	\$920,143	\$402,648	\$239,332	\$334,613	\$421,757	\$510,682	\$599,594	\$688,687	\$787,142	\$873,247	\$8,152,927
12	Monthly Average	(11) / 12	\$101,791	\$96,132	\$76,679	\$33,554	\$19,944	\$27,884	\$35,146	\$42,557	\$49,966	\$57,391	\$65,595	\$72,771	\$679,411
10	INCL 4 DI		62.774.170	#2.646.412	#2.040.2cc	#2.252.74B	62.000.022	£2.404.050	#2 000 B1#	\$3,519,622	£4.054.002	64 115 174	\$4,636,339	£4.646.650	
13 14		Dkt 4323	\$3,756,170 7.25%	\$3,646,413 7.25%	\$3,048,366 7.25%	\$2,253,748 7.25%	\$2,008,023 7.25%	\$2,494,958 7.25%	\$3,009,815 7.25%	7.25%	\$4,054,092 7.25%	\$4,115,164 7.25%	7.25%	\$4,646,658 7.25%	
15		(13) * (14)	\$272,322	\$264,365	\$221,007	\$163,397	\$145,582	\$180,884	\$218,212	\$255,173	\$293,922	\$298,349	\$336,135	\$336,883	\$2,986,229
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		(13) * (16)	\$96,534	\$93,713	\$78,343	\$57,921	\$51,606	\$64,120	\$77,352	\$90,454	\$104,190	\$105,760	\$119,154	\$119,419	\$1,058,567
18	Taxable Income	(15) - (17)	\$175,789	\$170,652	\$142,664	\$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	\$219,482	\$162,270	\$144,578	\$179,637	\$216,707	\$253,413	\$291,895	\$296,292	\$333,816	\$334,559	\$2,965,635
21	Working Capital Requirement	(17) + (20)	\$366,978	\$356,255	\$297,825	\$220,191	\$196,184	\$243,757	\$294,059	\$343,867	\$396,085	\$402,051	\$452,970	\$453,979	\$4,024,201
22	Monthly Average	(21) / 12	\$30,581	\$29,688	\$24,819	\$18,349	\$16,349	\$20,313	\$24,505	\$28,656	\$33,007	\$33,504	\$37,748	\$37,832	\$335,350
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$132,373	\$125,820	\$101,497	\$51,903	\$36,293	\$48,198	\$59,651	\$71,212	\$82,973	\$90,895	\$103,343	\$110,602	\$1,014,761

Actual Dth Usage for Filing

Actual I	Din Usage for Filing													
		Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Forecast (d)	Mar Forecast (e)	Apr Forecast (f)	May Forecast (g)	Jun Forecast (h)	<u>Jul</u> Forecast (i)	Aug Forecast (j)	Sep Forecast (k)	Oct Forecast (1)	Nov-Oct (m)
	THROUGHPUT (Dth)	(4)	(0)	(0)	(a)	(6)	(1)	(6)	()	(3)	07	(11)	(4)	()
Line No.	Rate Class													
1 2	SALES Residential Non-Heating	37,092	60,224	75,729	119,960	113,117	87,291	46,799	31,200	24,471	22,307	24,221	28,799	671,211
3	Residential Non-Heating Low Income	1,316	2,434	3,160	0	0	0	0	0	0	0	0	0	6,909
4	Residential Heating	894,673	1,774,748	2,309,007	3,470,063	2,828,266	2,124,881	1,241,085	751,389	425,245	352,061	402,675	561,110	17,135,201
5	Residential Heating Low Income	93,503	177,183	227,988	0	0	0	0	0	0	0	0	0	498,674
6 7	Small C&I Medium C&I	103,351 172,404	234,087 312,683	316,821 395,600	497,366 729,090	395,993 564,095	275,911 387,529	177,969 229,766	95,230 134,838	57,312 110,007	44,037 97,621	46,985 98,729	68,102 129,347	2,313,163 3,361,710
8	Large LLF	32,833	66,156	87,518	131,622	103,702	71,427	44,582	22,548	12,314	8,822	12,359	21,893	615,776
9	Large HLF	17,530	18,358	18,187	24,926	14,405	15,209	13,872	14,726	14,458	19,582	13,117	14,091	198,461
10	Extra Large LLF	3,781	6,963	9,313	16,406	13,574	9,759	7,268	3,689	2,026	608	880	4,676	78,944
11	Extra Large HLF	14,656	20,385	8,705	18,370	15,315	18,775	20,994	22,523	20,767	18,159	33,250	29,065	240,965
12	Total Sales	1,371,138	2,673,220	3,452,028	5,007,804	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,121,013
13	<u>TSS</u>													
14	Small	30	63	190	0	0	0	0	0	0	0	0	0	283
15	Medium Large LLF	11,278 4,405	16,740 7,416	20,111 7,166	0	0	0	0	0	0	0	0	0	48,128 18,988
16 17	Large HLF	1,797	2,093	2,336	0	0	0	0	0	0	0	0	0	6,226
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	29,803	0	0	0	0	0	0	0	0	0	73,625
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	37,092	60,224	75,729	119,960	113,117	87,291	46,799	31,200	24,471	22,307	24,221	28,799	671,211
23 24	Residential Non-Heating Low Income Residential Heating	1,316 894,673	2,434 1,774,748	3,160 2,309,007	0 3,470,063	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	6,909 17,135,201
25	Residential Heating Low Income	93,503	177,183	227,988	3,470,003	2,828,200	2,124,001	1,241,065	731,369	423,243	332,001	402,073	0	498,674
26	Small C&I	103,381	234,149	317,012	497,366	395,993	275,911	177,969	95,230	57,312	44,037	46,985	68,102	2,313,446
27	Medium C&I	183,682	329,423	415,711	729,090	564,095	387,529	229,766	134,838	110,007	97,621	98,729	129,347	3,409,838
28 29	Large LLF Large HLF	37,238 19,327	73,573 20,451	94,684 20,523	131,622 24,926	103,702 14,405	71,427 15,209	44,582 13,872	22,548 14,726	12,314 14,458	8,822 19,582	12,359 13,117	21,893 14,091	634,764 204,687
30	Extra Large LLF	3,781	6,963	9,313	16,406	13,574	9,759	7,268	3,689	2,026	608	880	4,676	78,944
31	Extra Large HLF	14,656	20,385	8,705	18,370	15,315	18,775	20,994	22,523	20,767	18,159	33,250	29,065	240,965
32	Total Sales & TSS Throughput	1,388,648	2,699,532	3,481,832	5,007,804	4,048,466	2,990,783	1,782,336	1,076,142	666,599	563,198	632,216	857,084	25,194,638
33	FT-1 TRANSPORTATION													
	FT-1 Small	0	0	0	1,025	984	786	507	341	372	152	166	317	4,651
34 35	FT-1 Medium FT-1 Large LLF	63,644 90,987	68,106 108,704	87,842 140,917	110,436 160,772	90,538 138,541	56,521 87,988	39,930 57,911	32,007 29,603	30,000 22,797	28,315 21,191	29,471 26,713	46,261 70,555	683,072 956,679
36	FT-1 Large HLF	42,174	44,422	43,436	56,822	54,902	41,566	36,666	34,346	32,438	32,092	32,602	38,033	489,500
37	FT-1 Extra Large LLF	128,795	147,186	184,778	161,926	142,591	93,098	65,805	34,627	25,082	18,770	23,780	81,552	1,107,992
38	FT-1 Extra Large HLF	465,126	508,134	543,575	546,048	510,138	435,275	397,881	383,039	383,901	430,497	433,874	469,805	5,507,294
39 40	Default Total FT-1 Transportation	4,805 795,530	8,633 885,185	7,800 1,008,347	1,037,031	937,695	715,236	598,701	513,963	494,591	531,017	546,607	706,523	21,237 8,770,424
40	Total F1-1 Transportation	793,330	003,103	1,000,547	1,037,031	937,093	/13,230	390,701	313,903	494,391	331,017	340,007	700,323	0,770,424
41	FT-2 TRANSPORTATION													
42 43	FT-2 Small FT-2 Medium	3,168 101,345	7,148 171,161	11,801 219,040	9,908 298,622	9,425 260,087	7,389 202,000	4,731 125,812	3,153 76,347	2,024 62,475	1,631 52,133	1,789 51,923	3,029 70,785	65,196 1,691,727
44	FT-2 Large LLF	65,164	126,421	166,758	194,380	170,840	118,365	74,822	38,224	22,192	17,616	23,747	40,762	1,059,290
45	FT-2 Large HLF	30,668	19,443	47,289	60,507	56,534	49,554	36,896	32,354	29,780	25,455	28,565	30,253	447,298
46	FT-2 Extra Large LLF	4,340	7,674	9,285	9,130	8,702	7,085	4,136	2,653	1,545	1,077	1,137	2,512	59,275
47 48	FT-2 Extra Large HLF Total FT-2 Transportation	40,295 244,979	44,082 375,929	45,454 499,627	14,117 586,663	12,355 517,942	11,378 395,770	8,090 254,487	7,378 160,108	6,218 124,233	7,510 105,422	6,600 113,760	6,526 153,868	210,002 3,532,789
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49 50	Total THROUGHPUT Residential Non-Heating	37,092	60,224	75,729	119,960	113,117	87,291	46,799	31,200	24,471	22,307	24,221	28,799	671,211
51	Residential Non-Heating Low Income	1,316	2,434	3,160	119,960	115,117	87,291	46,799	31,200	24,471	22,307	24,221	28,799	6,71,211
52	Residential Heating	894,673	1,774,748	2,309,007	3,470,063	2,828,266	2,124,881	1,241,085	751,389	425,245	352,061	402,675	561,110	17,135,201
53	Residential Heating Low Income	93,503	177,183	227,988	0	0	0	0	0	0	0	0	0	498,674
54 55	Small C&I Medium C&I	106,549 348,671	241,297 568,689	328,813 722,593	508,300 1,138,148	406,402 914,719	284,086 646,050	183,207 395,507	98,723 243,192	59,708 202,482	45,820 178,069	48,939 180,123	71,448 246,393	2,383,293 5,784,637
55 56	Large LLF	348,671 193,388	308,698	402,359	1,138,148 486,774	413,083	277,780	395,507 177,316	90,375	202,482 57,303	47,629	62,819	133,210	2,650,733
57	Large HLF	92,168	84,316	111,248	142,256	125,841	106,329	87,434	81,426	76,676	77,128	74,285	82,377	1,141,485
58	Extra Large LLF	136,916	161,823	203,376	187,462	164,866	109,943	77,210	40,969	28,653	20,455	25,797	88,741	1,246,211
59	Extra Large HLF	520,078	572,601	597,733	578,535	537,808	465,429	426,966	412,940	410,885	456,167	473,724	505,396	5,958,261
60 61	Default Total Throughput	4,805 2,429,157	8,633 3,960,645	7,800 4,989,806	6,631,498	5,504,103	4,101,788	2,635,524	1,750,213	1,285,422	1,199,637	1,292,583	1,717,475	21,237 37,497,851
01	- v.m m ougnput	2,727,137	5,700,045	4,707,000	0,051,770	5,504,105	7,101,700	2,000,024	1,750,215	1,200,422	2,177,037	1,2/2,505	1,/1/,7/3	57,477,051