

April 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,¹ 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 five months of actual data and seven months of projected data, the deferred gas cost balance at the end of October 2017 is an under-recovery of approximately \$6.1 million (see attached Schedule 1, page 1).² 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 March 31, 2017, and the projected gas costs and gas-cost revenue for the period of April 1, 2017 through October 31, 2017. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of April 11, 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.³ Schedule 2 provides a breakdown of actual gas costs for November 1, 2016 through March 31, 2017 and revised projected gas costs for April 1, 2017 through October 31, 2017. Schedule 3 summarizes actual

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

² The Company has revised the actual monthly deferred gas cost balances for November 2016 through February 2017 previously reported to include the annual calculation of the "Supply-Related LNG to DAC" transfer as set forth in the Settlement Agreement approved in Docket No. 4339.

³ The March 2017 Natural Gas Portfolio Management Plan (NGPMP) credit is that amount which, for the period of April 2016 through March 2017, provides customers their share of the preliminary actual NGPMP credit for FY 2017.

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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.⁴

The \$6.1 million projected deferred balance as of October 31, 2017 has increased by \$4.0 million as compared to the \$2.2 million projected deferred balance from last month's Monthly Deferred Report. This increase is driven by a \$1.9 million increase in forecasted commodity costs for the period of April 2017 through October 2017 and a \$2.4 million reduction in the NGPMP credits, offset by an increase of \$0.2 million in the credit representing system pressure costs allocated to the Distribution Adjustment Charge (DAC).

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

⁴ National Grid has adjusted the April 2017 billing sales so that the Unaccounted For Gas (UFG) percentage for the period of November 2016 through October 2017 is 3 percent. This adjustment results from March 2017 being colder than normal, with National Grid's billing of increased sales not yet completed by March 31, 2017 due to the manner by which the Company bills customers throughout a calendar month (over 20 billing cycles). Without this adjustment, the UFG based on actual sales and sendout for the period of November 2016 through March 2017 and forecasted sales and sendout for the period of April 2017 through October 2017 would be 8 percent. The high UFG is due to the lag in the billing of March deliveries resulting from the colder-than-normal weather. National Grid anticipates that April 2017 billed sales will be higher than originally forecasted, as the remaining March deliveries are billed in April.

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.

Joanne M. Scanlon

5df] 20, 2017

Date

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

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Deferred Gas Cost Balances

Line No.	Description	Reference	Nov Actual	Dec Actual	Jan Actual	Feb Actual	Mar Actual	Apr Forecast	May Forecast	Jun Forecast	Jul Forecast	Aug Forecast	Sep Forecast	Oct Forecast	Nov-Oct
			30	31	31	28	31	30	31	30	31	31	30	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
1	# of Days in Month														
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)	(\$11,826,387)	(\$13,812,555)	(\$12,831,494)	(\$10,869,218)	(\$8,465,122)	(\$5,995,498)	(\$3,586,075)	(\$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	\$4,080,805	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$50,076,835
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)	\$1,297,811	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$10,127,074)
8	Working Capital	Sch. 4, line 15	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$24,036	\$24,036	\$24,036	\$24,040	\$24,040	\$24,040	\$24,036	\$280,037
9	Total Supply Fixed Costs	sum(4)-(8)	\$2,445,750	\$3,798,001	\$2,975,085	\$3,064,838	\$5,325,320	\$3,100,698	\$3,101,376	\$3,100,698	\$3,101,376	\$3,101,376	\$3,100,698	\$3,101,376	\$39,316,590
10	Supply Fixed - Revenue	Sch. 3, line 13	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,682,340	\$5,065,810	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,606	\$1,214,275	\$31,889,794
11	Monthly Under/(Over) Recovery	(9) - (10)	\$437,605	\$272,191	(\$2,147,509)	(\$2,005,560)	\$642,980	(\$1,965,112)	\$1,003,671	\$1,981,741	\$2,420,503	\$2,481,896	\$2,417,292	\$1,887,101	\$7,426,796
12	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$8,480,224)	(\$8,256,170)	(\$10,415,261)	(\$12,434,705)	(\$11,807,072)	(\$13,791,499)	(\$12,808,884)	(\$10,849,754)	(\$8,448,715)	(\$5,983,227)	(\$3,578,206)	(\$1,698,975)	(\$1,491,034)
13	Month's Average Balance	[(3) + (12)] / 2	(\$8,699,027)	(\$8,392,265)	(\$9,341,507)	(\$11,431,925)	(\$12,128,562)	(\$12,808,943)	(\$13,310,720)	(\$11,840,624)	(\$9,658,966)	(\$7,224,174)	(\$4,786,852)	(\$2,642,525)	
14	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$10,725)	(\$11,582)	(\$13,884)	(\$15,347)	(\$19,314)	(\$21,056)	(\$22,610)	(\$19,464)	(\$16,407)	(\$12,271)	(\$7,869)	(\$4,489)	(\$175,018)
16	Marketer Reconciliation	Dkt 4647	(\$37,411)												(\$37,411)
17	Fixed Ending Under/(Over) Recovery	(12) + (15) + (16)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$11,826,387)	(\$13,812,555)	(\$12,831,494)	(\$10,869,218)	(\$8,465,122)	(\$5,995,498)	(\$3,586,075)	(\$1,703,463)	(\$1,703,463)
18	II. Variable Cost Deferred														
19	Beginning Under/(Over) Recovery		\$9,293,216	\$9,929,538	\$16,150,327	\$17,870,244	\$16,553,640	\$19,355,644	\$10,401,367	\$7,977,424	\$7,216,817	\$7,289,817	\$7,389,626	\$7,362,544	\$9,293,216
20															
21	Variable Supply Costs	Sch. 2, line 76	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$88,672,526
22	Supply Related LNG to DAC	Dkt 4339	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)
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	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$12,376	\$17,972	\$23,407	\$25,250	\$31,594	\$32,502	\$280,716	\$280,716
25	Inventory Financing - UG	Sch. 5, line 12	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$711,912
26	Working Capital	Sch. 4, line 30	\$38,271	\$94,182	\$95,253	\$76,750	\$92,042	\$34,414	\$19,702	\$12,015	\$9,052	\$8,070	\$8,373	\$20,569	\$508,692
27	Total Supply Variable Costs	sum(21)-(26)	\$6,842,261	\$16,583,205	\$16,760,256	\$13,513,509	\$16,163,497	\$6,094,969	\$3,541,559	\$2,214,474	\$1,707,048	\$1,545,828	\$1,614,896	\$3,753,516	\$90,335,019
28	Supply Variable - Revenue	Sch. 3, line 30	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$13,390,062	\$15,073,684	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$91,986,235
29	Monthly Under/(Over) Recovery	(27) - (28)	\$624,480	\$6,202,804	\$1,694,654	(\$1,339,695)	\$2,773,435	(\$8,978,715)	(\$2,439,540)	(\$773,085)	\$60,690	\$87,352	(\$39,198)	\$475,602	(\$1,651,216)
30	Prelim. Ending Under/(Over) Recovery	(21) + (31)	\$9,917,696	\$16,132,342	\$17,844,981	\$16,530,549	\$19,327,075	\$10,376,930	\$7,961,828	\$7,204,339	\$7,277,507	\$7,377,169	\$7,350,428	\$7,838,145	\$7,642,000
31	Month's Average Balance	[(19) + (30)] / 2	\$9,605,456	\$13,030,940	\$16,997,654	\$17,200,397	\$17,940,357	\$14,866,287	\$9,181,598	\$7,590,881	\$7,247,162	\$7,333,493	\$7,370,027	\$7,600,344	
32	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
33	Interest Applied	[(31) * (32)] / 365 * (1)	\$11,842	\$17,984	\$25,264	\$23,091	\$28,569	\$24,438	\$15,596	\$12,478	\$12,310	\$12,457	\$12,115	\$12,910	\$209,055
34	Gas Procurement Incentive/penalty		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Variable Ending Under/(Over) Recovery	(30) + (33) + (34)	\$9,929,538	\$16,150,327	\$17,870,244	\$16,553,640	\$19,355,644	\$10,401,367	\$7,977,424	\$7,216,817	\$7,289,817	\$7,389,626	\$7,362,544	\$7,851,055	\$7,851,055
36	GCR Deferred Summary														
37	Beginning Under/(Over) Recovery	(3) + (19)	\$375,387	\$1,401,178	\$7,882,575	\$7,441,099	\$4,103,588	\$7,529,258	(\$3,411,187)	(\$4,854,070)	(\$3,652,401)	(\$1,175,305)	\$1,394,128	\$3,776,468	\$375,387
38	Gas Costs	sum(4)-(6),(16),(20)-(23)	\$10,217,640	\$20,173,596	\$20,668,038	\$17,546,975	\$20,022,259	\$10,236,993	\$7,685,086	\$6,350,785	\$5,837,321	\$5,666,941	\$5,718,777	\$7,835,501	\$137,959,914
39	Inventory Finance	(24) + (25)	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$992,629
40	Working Capital	(8) + (26)	\$58,553	\$115,719	\$118,569	\$100,581	\$114,847	\$58,449	\$43,741	\$36,051	\$33,092	\$32,110	\$32,409	\$44,608	\$788,730
41	NGPMP Credits	(7)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	\$1,297,811	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$1,141,667)	(\$10,127,074)
42	Total Costs	sum(38)-(41)	\$9,250,599	\$20,381,206	\$19,735,341	\$16,578,347	\$21,488,817	\$9,195,667	\$6,642,935	\$5,315,172	\$4,808,424	\$4,647,204	\$4,715,594	\$6,854,891	\$129,614,198
43	Revenue	(10) + (28)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$18,072,402	\$20,139,494	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$123,876,030
44	Monthly Under/(Over) Recovery	(42) - (43)	\$1,024,674	\$6,474,995	(\$452,855)	(\$3,345,255)	\$3,416,415	(\$10,943,827)	(\$1,435,869)	\$1,208,655	\$2,481,192	\$2,569,248	\$2,378,094	\$2,362,702	\$5,738,168
45	Prelim. Ending Under/(Over) Recovery	(37) + (44)	\$1,400,061	\$7,876,173	\$7,429,719	\$4,095,844	\$7,520,003	(\$3,414,569)	(\$4,847,056)	(\$3,645,415)	(\$1,171,208)	\$1,393,943	\$3,772,222	\$6,139,171	
46	Month's Average Balance	[(37) + (45)] / 2	\$887,724	\$4,638,675	\$7,656,147	\$5,768,474	\$5,811,795	\$2,057,344	(\$4,129,122)	(\$4,249,743)	(\$2,411,805)	\$109,319	\$2,583,175	\$4,957,820	
47	Interest Rate (BOA Prime minus 200 bps)		1.50%	1.63%	1.75%	1.75%	1.88%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
48	Interest Applied	(15) + (33)	\$1,118	\$6,402	\$11,379	\$7,744	\$9,255	\$3,382	(\$7,014)	(\$6,986)	(\$4,097)	\$186	\$4,246	\$8,422	\$34,037
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	\$7,882,575	\$7,441,099	\$4,103,588	\$7,529,258	(\$3,411,187)	(\$4,854,070)	(\$3,652,401)	(\$1,175,305)	\$1,394,128	\$3,776,468	\$6,147,592	\$6,147,592

Supply Estimates Actuals for Filing

Line No.	<u>Nov Actual</u> (a)	<u>Dec Actual</u> (b)	<u>Jan Actual</u> (c)	<u>Feb Actual</u> (d)	<u>Mar Actual</u> (e)	<u>Apr Forecast</u> (f)	<u>May Forecast</u> (g)	<u>Jun Forecast</u> (h)	<u>Jul Forecast</u> (i)	<u>Aug Forecast</u> (j)	<u>Sep Forecast</u> (k)	<u>Oct Forecast</u> (l)	Nov-Oct (m)	
Projected Gas Costs using 4/11/2017 NYMEX settled														
	<u>Description</u>												<u>Reference</u>	
1	SUPPLY FIXED COSTS - Pipeline Delivery													
2	Algonquin (includes East to West, Hubline, AMA credits)	\$866,814	\$1,181,848	\$1,494,194	\$1,531,807	\$1,469,882	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$1,453,423	\$16,718,508
3	TETCO/Texas Eastern	\$724,537	\$728,107	\$728,107	\$729,926	\$729,926	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$726,226	\$8,724,182
4	Tennessee	\$1,093,209	\$1,093,190	\$1,093,228	\$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	\$13,117,903
5	NETNE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois	\$6,267	\$6,277	\$6,267	\$6,267	\$6,267	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$78,079
7	Union	\$0	\$0	\$0	\$0	\$0	\$2,362	\$2,440	\$2,362	\$2,440	\$2,440	\$2,440	\$2,440	\$16,846
8	Transcanada	\$0	\$0	\$0	\$0	\$0	\$13,002	\$13,435	\$13,002	\$13,435	\$13,435	\$13,002	\$13,435	\$92,745
9	Dominion	\$2,235	\$2,317	\$2,276	\$2,276	\$2,276	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$2,235	\$27,025
10	Transco	\$4,859	\$5,021	\$5,021	\$4,535	\$5,020	\$4,859	\$5,021	\$4,859	\$5,021	\$5,021	\$4,859	\$5,021	\$59,114
11	National Fuel	\$4,574	\$4,387	\$4,480	\$4,480	\$4,480	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$54,419
12	Columbia	\$293,747	\$293,746	\$288,311	\$291,046	\$319,503	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$293,746	\$3,542,579
13	Alberta Northeast	\$58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58
14	Less Credits from Mkter Releases	(\$643,994)	(\$665,274)	(\$663,322)	(\$622,002)	(\$664,983)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$705,450)	(\$8,197,724)
		\$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	\$85,718	\$85,828	\$85,804	\$85,886	\$75,826	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$95,385	\$1,086,756
20	Dominion	\$82,949	\$83,284	\$83,117	\$83,117	\$83,117	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$996,229
21	Tennessee	\$48,337	\$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	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$116,328
23	STORAGE FIXED COSTS - Delivery													
24	Algonquin	\$215,436	\$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	\$87,625	\$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	\$88,273	\$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	\$30,736	\$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	\$15,321	\$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 Pipeline and Peaking Supplies	\$626,839	\$546,630	\$546,630	\$552,786	\$460,840	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$725,904	\$7,815,054
30	TOTAL FIXED COSTS	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,295,103	\$4,294,429	\$4,295,103	\$50,076,835
		sum[(2):(29)]												

Supply Estimates Actuals for Filing

Line No.	<u>Nov Actual</u> (a)	<u>Dec Actual</u> (b)	<u>Jan Actual</u> (c)	<u>Feb Actual</u> (d)	<u>Mar Actual</u> (e)	<u>Apr Forecast</u> (f)	<u>May Forecast</u> (g)	<u>Jun Forecast</u> (h)	<u>Jul Forecast</u> (i)	<u>Aug Forecast</u> (j)	<u>Sep Forecast</u> (k)	<u>Oct Forecast</u> (l)	Nov-Oct (m)		
Projected Gas Costs using 4/11/2017 NYMEX settled															
	<u>Description</u>	<u>Reference</u>													
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)					\$1,953,716	\$985,408	\$1,407,229	\$1,227,191	\$1,374,521	\$1,559,944	\$1,828,228	\$10,336,237		
33	TETCO (Includes B&W)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
34	M3 Delivered					\$1,708,620	\$1,856,045	\$77,082	\$0	\$0	\$56,494	\$482,751	\$4,180,992		
35	Maumee					\$77,480	\$0	\$0	\$0	\$0	\$0	\$0	\$77,480		
36	Broadrun Col					\$61,198	\$0	\$0	\$0	\$0	\$0	\$0	\$61,198		
37	Columbia Eagle and Downingtown					\$159,677	\$114,136	\$115,062	\$59,405	\$119,946	\$74,298	\$40,861	\$683,385		
38	TETCO M2					\$2,202,303	\$761,017	\$890,473	\$1,491,870	\$1,448,169	\$958,446	\$2,248,717	\$10,000,995		
39	Dominion to TETCO FTS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
40	Transco Leidy					\$32,761	\$6,534	\$6,288	\$6,554	\$6,484	\$6,108	\$89,109	\$153,839		
41	DistriGas FCS					\$1,088,973	\$1,081,673	\$997,286	\$0	\$0	\$660,790	\$637,978	\$4,466,699		
42	Hubline					\$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	\$11,425,889	\$7,284,727	\$4,804,812	\$3,493,421	\$2,785,019	\$2,949,120	\$3,316,079	\$5,327,644	\$83,015,447
44	Hedging Settlements and Amortization	\$1,401,803	\$799,897	(\$1,704,181)	\$143,044	\$1,518,471	(\$203,317)	(\$205,823)	(\$136,728)	(\$83,611)	(\$154,791)	(\$159,922)	(\$316,126)	\$898,716	
45	Hedging Contracts - Commission & Other Fees	\$161,244	\$703,912	\$863,419	\$767,448	\$703,178	\$7,905	\$0	\$0	\$0	\$0	\$0	\$0	\$3,207,107	
46	Hedging Contracts - Net Carry of Collateral	\$5,873	\$1,126	\$1,212	\$2,298	\$1,410	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,920	
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	(\$1,199,179)	(\$1,256,364)	(\$1,347,426)	(\$1,210,210)	(\$1,474,924)	(\$1,782,944)	(\$1,525,465)	(\$9,796,513)	
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,153,515	\$14,379,547	\$13,984,520	\$11,258,251	\$13,648,948	\$5,890,136	\$3,342,626	\$2,009,266	\$1,491,198	\$1,319,405	\$1,373,213	\$3,486,053	\$77,336,677
50	Underground Storage	\$771,467	\$1,189,881	\$1,482,766	\$1,557,396	\$1,560,812	\$11,948	\$0	\$0	\$0	\$0	\$0	\$0	\$6,574,269	
51	LNG Withdrawals and Trucking	\$75,749	\$383,462	\$310,935	\$162,861	\$489,167	\$67,566	\$75,733	\$75,466	\$79,396	\$80,809	\$79,511	\$82,721	\$1,963,376	
52	Storage Delivery Costs	\$0	\$0	\$0	\$0	\$0	\$1,290	\$0	\$0	\$0	\$0	\$0	\$0	\$1,290	
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$847,215	\$1,573,343	\$1,793,701	\$1,720,258	\$2,049,979	\$80,805	\$75,733	\$75,466	\$79,396	\$80,809	\$79,511	\$82,721	\$8,538,935
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$15,698,927	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$85,875,613
55	TOTAL SUPPLY COSTS	(30) + (54)	\$9,643,964	\$19,813,672	\$19,947,757	\$17,237,283	\$19,779,733	\$10,265,370	\$7,713,463	\$6,379,161	\$5,865,697	\$5,695,317	\$5,747,154	\$7,863,877	\$135,952,447

Supply Estimates Actuals for Filing

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (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)
Projected Gas Costs using 4/11/2017 NYMEX settled															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$390,438	\$390,882	\$390,692	\$390,774	\$380,714	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$400,105	\$4,744,234
58	Storage Fixed Costs - Deliveries		\$1,246,357	\$849,883	\$849,883	\$849,883	\$721,716	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$949,927	\$11,167,208
59	sub-total Storage Costs	sum((56):(57))	\$1,636,795	\$1,240,765	\$1,240,574	\$1,240,657	\$1,102,430	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$1,350,032	\$15,911,442
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	\$53,900	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$992,629
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	\$22,805	\$24,036	\$24,036	\$24,036	\$24,040	\$24,036	\$24,036	\$24,040	\$280,037
64	Total FT-2 Storage Fixed Costs	sum((59):(63))	\$1,697,050	\$1,286,309	\$1,278,191	\$1,260,844	\$1,103,034	\$1,339,858	\$1,353,745	\$1,367,969	\$1,377,648	\$1,387,790	\$1,404,041	\$1,414,419	\$16,270,899
65	System Storage MDQ (Dth)		183,069	191,153	198,008	196,094	198,576	149,325	149,325	149,325	149,325	149,325	149,325	149,325	2,012,174
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.2700	\$6.7292	\$6.4552	\$6.4298	\$5.5547	\$8.9728	\$9.0658	\$9.1610	\$9.2258	\$9.2938	\$9.4026	\$9.4721	\$8.0862
67	Pipeline Variable	(54)	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$15,698,927	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$85,875,613
68	Less Non-firm Gas Costs		(\$65,801)	(\$143,846)	(\$342,994)	(\$216,056)	(\$21,936)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$790,633)
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	\$37,261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,089,345
74	Plus Pipeline Srchg/Credit		\$504,150	\$506,090	\$523,851	\$523,610	\$473,159	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530,860
75	Less Mkter FT-2 Daily weather true-up		\$4,068	\$19,177	(\$824)	(\$81,347)	\$26,267	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$32,658)
76	TOTAL FIRM COMMODITY COSTS*	sum((67):(75))	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$88,672,526

GCR Revenue

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov-Oct (m)
			<u>Actual</u> (a)	<u>Actual</u> (b)	<u>Actual</u> (c)	<u>Actual</u> (d)	<u>Actual</u> (e)	<u>Forecast</u> (f)	<u>Forecast</u> (g)	<u>Forecast</u> (h)	<u>Forecast</u> (i)	<u>Forecast</u> (j)	<u>Forecast</u> (k)	<u>Forecast</u> (l)	
1	I. Fixed Cost Revenue --														
2	(a) Low Load dth	Sch. 6, line 24-28, 30	1,568,307	2,901,568	4,237,034	4,126,253	3,771,580	4,177,158	1,640,767	799,031	423,728	371,050	425,917	882,322	25,324,715
3	Fixed Cost Factor	(4) / (2)	\$1.1469	\$1.1423	\$1.1414	\$1.1418	\$1.1415	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	\$1.1412	
4	Low Load Revenue		\$1,798,769	\$3,314,554	\$4,835,965	\$4,711,484	\$4,305,354	\$4,766,972	\$1,872,443	\$911,854	\$483,558	\$423,442	\$486,057	\$1,006,906	\$28,917,358
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	56,445	67,133	76,865	83,534	77,012	162,091	81,007	60,995	50,208	48,800	50,245	61,288	875,624
6	Fixed Cost Factor	(7) / (5)	\$0.8998	\$0.9090	\$0.8907	\$0.9190	\$0.9077	\$0.9074	\$0.9074	\$0.9074	0.9074	0.9074	0.9074	0.9074	
7	High Load Revenue		\$50,787	\$61,025	\$68,460	\$76,771	\$69,906	\$147,082	\$73,506	\$55,347	\$45,559	\$44,282	\$45,593	\$55,613	\$793,930
8	sub-total throughput Dth	(2) + (5)	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	4,339,249	1,721,774	860,026	473,936	419,850	476,163	943,610	26,200,338
9	FT-2 Storage Revenue from marketers		\$157,426	\$149,264	\$217,213	\$281,274	\$306,234	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$151,756	\$2,173,704
10	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	737	718	0	0	0	0	0	0	0	
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	
12	Manchester Street Revenue	(10) * (11)	\$1,163	\$968	\$957	\$869	\$846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,802
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,682,340	\$5,065,810	\$2,097,705	\$1,118,957	\$680,873	\$619,480	\$683,406	\$1,214,275	\$31,889,794
14	II. Variable Cost Revenue --														
15	(a) Firm Sales dth	(8)	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	4,339,249	1,721,774	860,026	473,936	419,850	476,163	943,610	26,200,338
16	Variable Supply Cost Factor	(17) / (15)	\$3.8616	\$3.4773	\$3.4727	\$3.4766	\$3.4748	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	\$3.4738	
17	Variable Supply Revenue		\$6,274,073	\$10,323,084	\$14,980,899	\$14,635,608	\$13,373,070	\$15,073,684	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$91,665,919
18	(b) TSS Sales dth	Sch. 6, line 20	3,116	6,555	4,658	14,712	17,411								46,452
19	TSS Surcharge Factor	Company's website	\$0.0000	\$0.0000	\$0.3880	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0	\$1,807	\$0	\$0								\$1,807
21	(c) Default Sales dth	Sch. 6, line 60	1,315	5,384	7,861	7,933	6,877	0	0	0	-	-	-	-	29,370
22	Variable Supply Cost Factor	(23) / (21)	\$5.35	\$9.23	\$9.50	\$26.96	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	Variable Supply Revenue		\$7,042	\$49,685	\$74,646	\$213,868	\$7,515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,756
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	\$6,902	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$48,864)
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	986	822	812	737	718	0	0	0	0	0	0	0	
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	
29	Manchester Street Revenue	(27) * (28)	\$3,539	\$2,948	\$2,912	\$2,644	\$2,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,617
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$6,217,781	\$10,380,401	\$15,065,602	\$14,853,204	\$13,390,062	\$15,073,684	\$5,981,099	\$2,987,559	\$1,646,358	\$1,458,476	\$1,654,094	\$3,277,914	\$91,986,235
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$18,072,402	\$20,139,494	\$8,078,804	\$4,106,516	\$2,327,231	\$2,077,956	\$2,337,500	\$4,492,189	\$123,876,030

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

		<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov-Oct</u>	
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>		
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Line	<u>Description</u>														
No.	<u>Reference</u>														
1	Supply Fixed Costs	Sch. 1, line 4	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$4,294,429	\$4,295,103	\$50,076,835	
2	Less: LNG Demand to DAC	Sch. 1, line 5	(\$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)	
3	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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)	(\$1,488,790)	
5	Allowable Working Capital Costs	(1) + (4)	\$3,519,169	\$3,736,717	\$4,045,470	\$4,134,709	\$3,956,740	\$4,170,364	\$4,171,038	\$4,170,364	\$4,171,038	\$4,170,364	\$4,171,038	\$48,588,045	
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	\$207,390	\$220,210	\$238,406	\$243,665	\$233,177	\$245,766	\$245,806	\$245,766	\$245,806	\$245,806	\$245,766	\$245,806	
8	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
9	Return on Working Capital Requirement	(7) * (8)	\$15,057	\$15,987	\$17,308	\$17,690	\$16,929	\$17,843	\$17,845	\$17,843	\$17,845	\$17,845	\$17,843	\$17,845	
10	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
11	Interest Expense	(7) * (10)	\$5,351	\$5,681	\$6,151	\$6,287	\$6,016	\$6,341	\$6,342	\$6,341	\$6,342	\$6,341	\$6,342	\$6,342	
12	Taxable Income	(9) - (11)	\$9,706	\$10,306	\$11,157	\$11,404	\$10,913	\$11,502	\$11,504	\$11,502	\$11,504	\$11,504	\$11,502	\$11,504	
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)	\$14,932	\$15,855	\$17,165	\$17,544	\$16,789	\$17,695	\$17,698	\$17,695	\$17,698	\$17,695	\$17,698	\$17,698	
15	Supply Fixed Working Capital Requirement	(11) + (14)	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$24,036	\$24,040	\$24,036	\$24,040	\$24,036	\$24,040	\$280,037	
16	Supply Variable Costs	Sch. 1, line 21	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$88,672,526
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 22	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)
18	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
19	Total Adjustments	(17) + (18)	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	\$0	\$0	\$0	\$0	\$0	\$0	(\$411,522)	
20	Allowable Working Capital Costs	(16) + (19)	\$6,640,193	\$16,341,190	\$16,526,878	\$13,316,577	\$15,969,830	\$5,970,940	\$3,418,359	\$2,084,732	\$1,570,594	\$1,400,214	\$1,452,724	\$3,568,774	\$88,261,004
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	\$391,317	\$963,011	\$973,954	\$784,766	\$941,126	\$351,877	\$201,449	\$122,856	\$92,557	\$82,517	\$85,611	\$210,313	
23	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
24	Return on Working Capital Requirement	(22) * (23)	\$28,410	\$69,915	\$70,709	\$56,974	\$68,326	\$25,546	\$14,625	\$8,919	\$6,720	\$5,991	\$6,215	\$15,269	
25	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
26	Interest Expense	(22) * (25)	\$10,096	\$24,846	\$25,128	\$20,247	\$24,281	\$9,078	\$5,197	\$3,170	\$2,388	\$2,129	\$2,209	\$5,426	
27	Taxable Income	(24) - (26)	\$18,314	\$45,069	\$45,581	\$36,727	\$44,045	\$16,468	\$9,428	\$5,750	\$4,332	\$3,862	\$4,007	\$9,843	
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)	\$28,175	\$69,337	\$70,125	\$56,503	\$67,761	\$25,335	\$14,504	\$8,846	\$6,664	\$5,941	\$6,164	\$15,143	
30	Supply Variable Working Capital Requirement	(26) + (29)	\$38,271	\$94,182	\$95,253	\$76,750	\$92,042	\$34,414	\$19,702	\$12,015	\$9,052	\$8,070	\$8,373	\$20,569	\$508,692

INVENTORY FINANCE

Line No.	Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov-Oct</u>
			<u>Actual</u> (a)	<u>Actual</u> (b)	<u>Actual</u> (c)	<u>Actual</u> (d)	<u>Actual</u> (e)	<u>Forecast</u> (f)	<u>Forecast</u> (g)	<u>Forecast</u> (h)	<u>Forecast</u> (i)	<u>Forecast</u> (j)	<u>Forecast</u> (k)	<u>Forecast</u> (l)	<u>Forecast</u> (m)
1	Storage Inventory Balance		\$7,822,815	\$6,955,021	\$6,926,335	\$5,655,452	\$4,553,020	\$3,621,498	\$4,638,275	\$5,717,263	\$6,678,263	\$7,809,786	\$9,138,715	\$10,300,233	
2	Monthly Storage Deferral/Amortization		\$3,032,959	\$2,330,590	\$1,468,592	\$702,371	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Subtotal	(1) + (2)	\$10,855,774	\$9,285,611	\$8,394,927	\$6,357,824	\$4,553,021	\$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	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%	
5	Return on Working Capital Requirement	(3) * (4)	\$788,129	\$674,135	\$609,472	\$461,578	\$330,549	\$262,921	\$336,739	\$415,073	\$484,842	\$566,990	\$663,471	\$747,797	\$6,341,696
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	\$117,468	\$93,435	\$119,667	\$147,505	\$172,299	\$201,492	\$235,779	\$265,746	\$2,253,661
8	Taxable Income	(5) - (7)	\$508,050	\$434,567	\$392,883	\$297,546	\$213,081	\$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	\$327,818	\$260,748	\$333,956	\$411,643	\$480,835	\$562,305	\$657,987	\$741,617	\$6,289,286
11	Working Capital Requirement	(7) + (10)	\$1,061,695	\$908,133	\$821,024	\$621,795	\$445,285	\$354,182	\$453,623	\$559,148	\$653,134	\$763,797	\$893,766	\$1,007,363	\$8,542,946
12	Monthly Average	(11) / 12	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$29,515	\$37,802	\$46,596	\$54,428	\$63,650	\$74,481	\$83,947	\$711,912
13	LNG Inventory Balance		\$3,386,262	\$2,997,625	\$2,697,248	\$2,532,709	\$2,060,523	\$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	\$149,594	\$110,244	\$160,095	\$208,505	\$224,923	\$233,123	\$281,440	\$289,526	\$2,500,615
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	\$53,161	\$39,178	\$56,893	\$74,097	\$79,931	\$82,845	\$100,016	\$102,890	\$888,648
18	Taxable Income	(15) - (17)	\$158,477	\$140,289	\$126,231	\$118,531	\$96,432	\$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	\$148,358	\$109,333	\$158,772	\$206,781	\$223,064	\$231,196	\$279,114	\$287,134	\$2,479,949
21	Working Capital Requirement	(17) + (20)	\$331,176	\$293,168	\$263,791	\$247,699	\$201,519	\$148,510	\$215,666	\$280,878	\$302,996	\$314,041	\$379,130	\$390,023	\$3,368,597
22	Monthly Average	(21) / 12	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$12,376	\$17,972	\$23,407	\$25,250	\$26,170	\$31,594	\$32,502	\$280,716
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$41,891	\$55,774	\$70,002	\$79,677	\$89,820	\$106,075	\$116,449	\$992,629

Actual Dth Usage for Filing

Line No.	Rate Class	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
		Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Forecast (f)	Forecast (g)	Forecast (h)	Forecast (i)	Forecast (j)	Forecast (k)	Forecast (l)	(m)
THROUGHPUT (Dth)														
1	SALES													
2	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	116,974	53,411	35,271	25,629	24,348	25,656	35,674	531,447
3	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	0	0	0	0	0	0	0	6,677
4	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	3,138,911	1,245,874	622,889	333,615	289,355	335,174	684,134	18,227,124
5	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	0	0	0	0	0	0	0	980,425
6	Small C&I	116,386	260,153	412,737	405,424	368,672	394,902	128,588	29,824	28	25	28	39,202	2,155,968
7	Medium C&I	202,328	353,053	502,001	473,805	444,548	521,406	219,911	125,684	81,767	75,158	82,250	135,881	3,217,792
8	Large LLF	38,117	70,274	111,810	100,523	94,633	112,107	42,642	18,952	7,967	6,309	8,101	21,542	632,978
9	Large HLF	17,053	21,083	26,215	26,803	24,099	28,386	16,331	14,397	13,180	13,048	13,191	14,260	228,047
10	Extra Large LLF	3,267	6,464	12,229	9,417	10,069	9,831	3,751	1,682	352	204	364	1,563	59,192
11	Extra Large HLF	10,464	5,556	6,078	3,679	3,582	16,731	11,264	11,327	11,399	11,404	11,398	11,354	114,237
12	Total Sales	1,621,637	2,962,145	4,309,240	4,195,075	3,831,181	4,339,249	1,721,774	860,026	473,936	419,850	476,163	943,610	26,153,887
13	TSS													
14	Small	1	820	1,643	1,720	1,352	0	0	0	0	0	0	0	5,536
15	Medium	1,651	2,542	5,657	6,588	6,566	0	0	0	0	0	0	0	23,004
16	Large LLF	1,104	2,207	5,122	5,623	8,641	0	0	0	0	0	0	0	22,697
17	Large HLF	360	986	(7,763)	781	852	0	0	0	0	0	0	0	(4,785)
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	17,411	0	0	0	0	0	0	0	46,452
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	116,974	53,411	35,271	25,629	24,348	25,656	35,674	531,447
23	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	0	0	0	0	0	0	0	6,677
24	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	3,138,911	1,245,874	622,889	333,615	289,355	335,174	684,134	18,227,124
25	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	0	0	0	0	0	0	0	980,425
26	Small C&I	116,387	260,972	414,380	407,145	370,024	394,902	128,588	29,824	28	25	28	39,202	2,161,503
27	Medium C&I	203,978	355,596	507,658	480,393	451,114	521,406	219,911	125,684	81,767	75,158	82,250	135,881	3,240,796
28	Large LLF	39,221	72,481	116,932	106,146	103,274	112,107	42,642	18,952	7,967	6,309	8,101	21,542	655,675
29	Large HLF	17,413	22,069	18,451	27,584	24,951	28,386	16,331	14,397	13,180	13,048	13,191	14,260	223,262
30	Extra Large LLF	3,267	6,464	12,229	9,417	10,069	9,831	3,751	1,682	352	204	364	1,563	59,192
31	Extra Large HLF	10,464	5,556	6,078	3,679	3,582	16,731	11,264	11,327	11,399	11,404	11,398	11,354	114,237
32	Total Sales & TSS Throughput	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	4,339,249	1,721,774	860,026	473,936	419,850	476,163	943,610	26,200,338
33	FT-1 TRANSPORTATION													
34	FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
35	FT-1 Medium	15,039	57,778	91,539	92,513	76,349	68,439	48,407	33,161	25,574	24,628	25,725	34,041	592,832
36	FT-1 Large LLF	30,674	85,561	138,218	139,766	118,745	99,364	59,631	30,454	16,732	14,706	16,896	33,323	784,070
37	FT-1 Large HLF	3,130	34,229	46,585	45,978	41,018	41,828	36,527	32,634	30,446	30,181	30,467	32,613	405,637
38	FT-1 Extra Large LLF	49,729	116,405	178,743	179,983	159,841	125,185	77,156	41,887	25,453	22,988	25,642	45,642	1,048,666
39	FT-1 Extra Large HLF	26,686	491,114	557,480	552,086	489,501	516,324	487,391	466,144	467,404	465,913	467,525	479,610	5,467,176
40	Default	1,315	5,384	7,861	7,933	6,877	0	0	0	0	0	0	0	29,370
40	Total FT-1 Transportation	126,573	790,470	1,020,427	1,018,260	892,330	851,141	708,752	604,279	565,609	558,416	566,267	625,227	8,327,751
41	FT-2 TRANSPORTATION													
42	FT-2 Small	5,763	12,400	19,816	18,921	18,027	12,307	7,573	4,097	2,464	2,218	2,484	4,476	110,545
43	FT-2 Medium	113,132	196,524	277,630	266,892	257,186	197,657	127,585	75,879	50,797	47,414	51,410	80,659	1,742,764
44	FT-2 Large LLF	90,345	164,245	224,090	204,116	189,418	128,404	73,063	32,586	13,358	10,469	13,659	37,191	1,180,945
45	FT-2 Large HLF	36,219	43,989	56,893	59,620	56,196	40,209	33,082	28,263	25,785	25,411	25,815	29,270	460,751
46	FT-2 Extra Large LLF	1,374	4,987	7,574	6,675	5,895	7,273	4,323	2,157	1,191	1,040	1,203	2,428	46,120
47	FT-2 Extra Large HLF	42,225	46,991	50,604	47,994	55,613	56,246	50,956	47,071	50,129	49,851	50,151	52,406	600,235
48	Total FT-2 Transportation	289,058	469,135	636,607	604,218	582,335	442,097	296,582	190,054	143,722	136,402	144,723	206,430	4,141,361
49	Total THROUGHPUT													
50	Residential Non-Heating	27,860	38,287	50,638	50,625	47,073	116,974	53,411	35,271	25,629	24,348	25,656	35,674	531,447
51	Residential Non-Heating Low Income	708	1,220	1,697	1,646	1,406	0	0	0	0	0	0	0	6,677
52	Residential Heating	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	3,138,911	1,245,874	622,889	333,615	289,355	335,174	684,134	18,227,124
53	Residential Heating Low Income	99,712	178,044	250,781	238,178	213,710	0	0	0	0	0	0	0	980,425
54	Small C&I	122,150	273,372	434,196	426,066	388,051	407,209	136,161	33,921	2,491	2,243	2,511	43,678	2,272,048
55	Medium C&I	332,149	609,897	876,827	839,797	784,649	787,503	395,543	234,724	158,138	147,199	159,385	250,580	5,576,392
56	Large LLF	160,240	322,287	479,241	450,028	411,438	339,875	175,337	81,992	38,056	31,484	38,657	92,056	2,620,690
57	Large HLF	56,763	100,288	121,930	133,181	110,424	115,940	85,940	75,294	69,410	68,640	69,473	76,143	1,089,650
58	Extra Large LLF	54,369	127,856	198,546	196,075	175,805	142,289	85,231	45,726	26,996	24,231	27,220	49,633	1,153,979
59	Extra Large HLF	79,375	543,661	614,162	603,758	548,696	589,302	549,611	524,542	528,931	527,168	529,074	543,369	6,181,649
60	Default	1,315	5,384	7,861	7,933	6,877	0	0	0	0	0	0	0	29,370
61	Total Throughput	2,040,383	4,228,306	5,970,932	5,832,264	5,323,257	5,632,486	2,727,108	1,654,359	1,183,267	1,114,668	1,187,152	1,775,267	38,669,450