

September 20, 2016

VIA HAND DELIVERY & ELECTRONIC MAIL

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

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

Dear Ms. Massaro:

On behalf of National Grid,¹ 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 ten months of actual data and two months of projected data, the deferred gas cost balance at the end of October 2016 is an under-recovery of approximately \$1.6 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 August 31, 2016 and projected gas costs and gas cost revenue for the period of September 1, 2016 through October 31, 2016. The projected gas costs are updated to reflect the gas cost changes utilizing a NYMEX strip as of September 6, 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 August 31, 2016 and revised projected gas costs for September 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.

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

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

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

Very truly yours,

A handwritten signature in black ink, appearing to read "Jennifer Brooks Hutchinson". The signature is fluid and cursive, with a long horizontal stroke at the end.

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

September 20, 2016
Date

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

Name/Address	E-mail	Phone
Jennifer Brooks Hutchinson, Esq. National Grid 280 Melrose St. Providence, RI 02907	Jennifer.hutchinson@nationalgrid.com ;	401-784-7288
	Celia.obrien@nationalgrid.com ;	
	Joanne.scanlon@nationalgrid.com ;	
Ann E. Leary Elizabeth D. Arangio Stephen A. McCauley National Grid 40 Sylvan Road Waltham, MA 02541	Ann.Leary@nationalgrid.com ;	
	Elizabeth.Arangio@nationalgrid.com ;	
	Stephen.Mccauley@nationalgrid.com ;	
	Theodore.poe@nationalgrid.com ;	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence RI 02903	Lwold@riag.ri.gov ;	401-222-2424
	Steve.scialabba@dpuc.ri.gov ;	
	dmacrae@riag.ri.gov ;	
	Jmunoz@riag.ri.gov ;	
Bruce Oliver Revilo Hill Associates 7103 Laketree Drive Fairfax Station, VA 22039	Boliver.rha@verizon.net ;	703-569-6480
File an original & nine (9) copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick RI 02888	Luly.massaro@puc.ri.gov ;	401-780-2107
	Patricia.lucarelli@puc.ri.gov ;	
	Sharon.ColbyCamara@puc.ri.gov ;	
	Todd.bianco@puc.ri.gov ;	
Office of Energy Resources Christopher Kearns Nicholas Ucci	Christopher.Kearns@energy.ri.gov ;	
	Nicholas.ucci@energy.ri.gov ;	

Deferred Gas Cost Balances

Line No.	Description	Reference	Nov Actual 30 (a)	Dec Actual 31 (b)	Jan Actual 31 (c)	Feb Actual 29 (d)	Mar Actual 31 (e)	Apr Actual 30 (f)	May Actual 31 (g)	Jun Actual 30 (h)	Jul Actual 31 (i)	Aug Actual 31 (j)	Sep Forecast 30 (k)	Oct Forecast 31 (l)	Nov-Oct Forecast 31 (m)
1	# of Days in Month														366
2	I. Fixed Cost Deferred														
3	Beginning Under/(Over) Recovery		(\$2,895,427)	(\$1,787,883)	(\$8,875,107)	(\$10,329,090)	(\$12,878,739)	(\$14,239,567)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$7,512,655)	(\$2,895,427)
4	Interest Adj. for NGPMP Credits (Apr15-Oct15)		(\$1,760)												(\$1,760)
5	Interest Adj. for NGPMP Credits (Nov15-Mar16)		(\$4,953)	(\$2,808)											(\$7,762)
6	Supply Fixed Costs (net of cap rel)	Sch. 2, line 30	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,861,680	\$3,862,353	\$43,167,291
7	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)
8	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
9	NGPMP Credits		(\$783,333)	(\$7,320,332)	(\$783,333)	(\$783,333)	(\$277,513)	(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$16,011,359)
10	Working Capital	Sch. 4, line 15	\$20,867	\$19,564	\$19,578	\$19,771	\$19,563	\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$21,520	\$21,524	\$239,968
11	Total Supply Fixed Costs	sum[(6):(10)]	\$2,909,723	(\$3,854,922)	\$2,684,534	\$2,718,367	\$3,187,816	\$2,590,081	\$2,709,979	\$2,202,996	\$2,647,160	\$2,638,748	\$3,023,766	\$3,024,442	\$26,482,692
12	Supply Fixed - Revenue	Sch. 3, line 13	\$1,724,573	\$3,223,290	\$4,126,326	\$5,254,232	\$4,531,428	\$3,261,277	\$2,081,128	\$1,178,236	\$858,277	\$765,567	\$848,067	\$1,104,529	\$28,956,931
13	Monthly Under/(Over) Recovery	(11) - (12)	\$1,185,151	(\$7,078,212)	(\$1,441,792)	(\$2,535,866)	(\$1,343,612)	(\$671,196)	\$628,852	\$1,024,760	\$1,788,883	\$1,873,181	\$2,175,698	\$1,919,913	(\$2,474,239)
14	Prelim. Ending Under/(Over) Recovery	(3) + (13)	(\$1,710,277)	(\$8,866,095)	(\$10,316,898)	(\$12,864,956)	(\$14,222,351)	(\$14,910,763)	(\$14,299,831)	(\$13,293,639)	(\$11,521,730)	(\$9,664,323)	(\$7,502,094)	(\$5,592,742)	(\$5,389,188)
15	Month's Average Balance	[(3) + (14)] / 2	(\$2,302,852)	(\$5,326,989)	(\$9,596,003)	(\$11,597,023)	(\$13,550,545)	(\$14,575,165)	(\$14,614,257)	(\$13,806,019)	(\$12,416,172)	(\$10,600,914)	(\$8,589,943)	(\$6,552,698)	(\$5,601,067)
16	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
17	Interest Applied	[(15) * (16)] / 365 * (1)	(\$2,359)	(\$6,204)	(\$12,192)	(\$13,783)	(\$17,216)	(\$17,920)	(\$18,567)	(\$16,975)	(\$15,775)	(\$13,468)	(\$10,561)	(\$8,325)	(\$153,346)
18	Marketer Reconciliator	Dkt 4576	(\$58,533)												(\$58,533)
19	Fixed Ending Under/(Over) Recovery	(4) + (5) + (14) + (17) + (18)	(\$1,787,883)	(\$8,875,107)	(\$10,329,090)	(\$12,878,739)	(\$14,239,567)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$7,512,655)	(\$5,601,067)	(\$5,601,067)
20	II. Variable Cost Deferred														
21	Beginning Under/(Over) Recovery		\$14,821,207	\$15,087,445	\$16,925,969	\$21,441,872	\$21,975,898	\$17,436,635	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$7,841,449	\$14,821,207
22															
23	Variable Supply Costs	Sch. 2, line 76	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$1,618,443	\$2,791,367	\$90,807,536
24	Supply Related LNG to DAC	Dkt 4339	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
25	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
26	Inventory Financing - LNG	Sch. 5, line 22	\$30,581	\$29,688	\$24,819	\$16,443	\$17,034	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$37,748	\$37,832	\$308,622
27	Inventory Financing - UC	Sch. 5, line 12	\$101,791	\$96,132	\$76,679	\$63,146	\$54,296	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$65,595	\$72,771	\$894,453
28	Working Capital	Sch. 4, line 30	\$41,181	\$74,869	\$109,043	\$106,870	\$64,161	\$40,430	\$23,084	\$15,113	\$8,809	\$12,469	\$9,318	\$16,072	\$521,419
29	Total Supply Variable Costs	sum[(22):(28)]	\$7,373,771	\$13,251,839	\$19,197,227	\$18,795,665	\$11,326,854	\$7,188,828	\$4,167,049	\$2,783,320	\$1,692,000	\$2,337,810	\$1,778,828	\$2,965,765	\$92,858,955
30	Supply Variable - Revenue	Sch. 3, line 30	\$7,122,847	\$11,516,237	\$14,705,682	\$18,287,426	\$15,891,138	\$11,295,391	\$6,860,270	\$3,861,009	\$2,633,039	\$2,309,223	\$2,663,527	\$3,610,893	\$100,756,682
31	Monthly Under/(Over) Recovery	(29) - (30)	\$250,924	\$1,735,602	\$4,491,545	\$508,239	(\$4,564,283)	(\$4,106,564)	(\$2,693,222)	(\$1,077,689)	(\$941,040)	\$28,587	(\$884,699)	(\$645,128)	(\$7,897,727)
32	Prelim. Ending Under/(Over) Recovery	(21) + (31)	\$15,072,131	\$16,823,048	\$21,417,514	\$21,950,111	\$17,411,614	\$13,330,071	\$10,655,763	\$9,593,323	\$8,664,741	\$8,704,934	\$7,831,277	\$7,196,321	\$6,923,480
33	Month's Average Balance	[(21) + (32)] / 2	\$14,946,669	\$15,955,247	\$19,171,742	\$21,695,992	\$19,693,756	\$15,383,353	\$12,002,374	\$10,132,168	\$9,135,261	\$8,690,641	\$8,273,626	\$7,518,885	\$7,205,874
34	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
35	Interest Applied	[(33) * (34)] / 365 * (1)	\$15,314	\$18,582	\$24,358	\$25,786	\$25,021	\$18,914	\$15,249	\$12,458	\$11,606	\$11,041	\$10,172	\$9,553	\$198,054
36	Gas Procurement Incentive/penalty		\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
37	Variable Ending Under/(Over) Recovery	(32) + (35) + (36)	\$15,087,445	\$16,925,969	\$21,441,872	\$21,975,898	\$17,436,635	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$7,841,449	\$7,205,874	\$7,205,874
38	GCR Deferred Summary														
39	Beginning Under/(Over) Recovery	(3) + (21)	\$11,925,780	\$13,299,562	\$8,050,863	\$11,112,782	\$9,097,159	\$3,197,068	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	\$328,794	\$11,925,780
40	Interest Adj. for NGPMP Credits (Apr15-Oct15)	(4)	(\$1,760)												(\$1,760)
41	Interest Adj. for NGPMP Credits (Nov15-Mar16)	(5)	(\$4,953)	(\$2,808)											(\$7,762)
42	Gas Costs	sum[(6):(8),(18),(22):(25)]	\$10,813,873	\$16,496,997	\$22,434,976	\$22,091,135	\$14,637,128	\$10,424,170	\$7,530,617	\$6,219,027	\$4,988,895	\$5,616,102	\$5,451,746	\$6,625,343	\$133,330,011
43	Inventory Finance	(26) + (27)	\$132,373	\$125,820	\$101,497	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,066	\$103,343	\$110,602	\$1,203,075
44	Working Capital	(10) + (28)	\$62,048	\$94,432	\$128,621	\$126,641	\$83,724	\$59,467	\$42,807	\$35,256	\$28,173	\$31,784	\$30,838	\$37,595	\$761,388
45	NGPMP Credits	(9)	(\$783,333)	(\$7,320,332)	(\$783,333)	(\$783,333)	(\$277,513)	(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$783,333)	(\$783,333)	(\$16,011,359)
46	Total Costs	sum[(42):(45)]	\$10,224,961	\$9,396,917	\$21,881,761	\$21,514,032	\$14,514,670	\$9,778,909	\$6,877,028	\$4,986,316	\$4,339,160	\$4,976,558	\$4,802,594	\$5,990,207	\$119,283,114
47	Revenue	(12) + (30)	\$8,847,420	\$14,739,527	\$18,832,008	\$23,541,658	\$20,422,566	\$14,556,669	\$8,941,398	\$5,039,245	\$3,491,316	\$3,074,790	\$3,511,594	\$4,715,422	\$129,713,613
48	Monthly Under/(Over) Recovery	(46) - (47)	\$1,377,541	(\$5,342,609)	\$3,049,753	(\$2,027,626)	(\$5,907,966)	(\$4,777,760)	(\$2,064,370)	(\$52,929)	\$847,844	\$1,901,768	\$1,290,999	\$1,274,785	(\$10,430,499)
49	Prelim. Ending Under/(Over) Recovery	(39) + (48)	\$13,303,321	\$7,956,953	\$11,100,616	\$9,085,156	\$3,189,263	(\$1,580,692)	(\$3,644,068)	(\$3,700,316)	(\$2,856,989)	(\$959,389)	\$329,183	\$1,603,579	(\$1,603,579)
50	Month's Average Balance	[(39) + (49)] / 2	\$12,614,550	\$10,628,258	\$9,575,739	\$10,098,969	\$6,143,211	\$808,188	(\$2,611,883)	(\$3,673,851)	(\$3,280,911)	(\$1,910,273)	(\$316,317)	\$966,187	(\$1,603,579)
51	Interest Rate (BOA Prime minus 200 bps)		1.25%	1.38%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
52	Interest Applied	(17) + (35)	\$12,955	\$12,378	\$12,166	\$12,003	\$7,805	\$994	(\$3,318)	(\$4,517)	(\$4,168)	(\$2,427)	(\$389)	\$1,228	\$44,708
53	Gas Purchase Plan Incentives/(Penalties)	(36)	\$0	\$84,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,340
54															
55	Ending Under/(Over) Recovery W/ Interest	(40) + (41) + (49) + (52) + (53)	\$13,299,562	\$8,050,863	\$11,112,782	\$9,097,159	\$3,197,068	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	\$328,794	\$1,604,807	\$1,604,807

Line 4: Additional interest credit earned in the prior period of April 2015 through October 2015 due to actual NGPMP credits filed under Docket No. 4038

Line 5: Additional interest credit earned in the current period of November 2015 through December 2015 due to actual NGPMP credits in Docket No. 4038 for the prior period of April 2015 through October 2015

Supply Estimates and Actuals for Filing

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	Jun Actual (h)	Jul Actual (i)	Aug Actual (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
Projected Gas Costs using 9/6/2016 NYMEX settled															
1	SUPPLY FIXED COSTS - Pipeline Delivery														
2	Algonquin (includes East to West, Hubline, AMA credits)		\$784,089	\$836,387	\$829,995	\$836,694	\$836,762	\$837,279	\$845,234	\$841,198	\$841,032	\$841,087	\$824,150	\$824,150	\$9,978,056
3	TETCO/Texas Eastern		\$722,017	\$722,257	\$722,264	\$722,264	\$720,185	\$721,221	\$721,221	\$721,240	\$719,948	\$726,244	\$722,078	\$722,078	\$8,663,017
4	Tennessee		\$930,608	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$1,002,556	\$1,002,556	\$11,722,668
5	NETNE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois		\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$5,719	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$79,158
7	Union		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,168	\$2,240	\$4,408
8	Transcanada		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,150	\$13,589	\$26,739
9	Dominion		\$2,276	\$2,276	\$2,276	\$2,276	\$2,276	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	\$2,232	\$2,232	(\$126,459)
10	Trancco		\$4,869	\$5,032	\$5,032	\$4,707	\$5,032	\$4,869	\$5,010	\$4,858	\$5,020	\$5,039	\$4,869	\$5,032	\$59,369
11	National Fuel		\$4,667	\$4,574	\$4,480	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,667	\$4,667	\$4,667	\$55,073
12	Columbia		\$340,803	\$289,238	\$289,797	\$308,551	\$304,135	\$296,729	\$296,849	\$241,832	\$286,233	\$286,354	\$290,947	\$290,947	\$3,522,415
13	Alberta Northeast		\$371	\$342	\$387	\$327	\$348	\$348	\$586	\$2,646	\$371	\$379			
14	Less Credits from Mkter Releases		(\$639,181)	(\$657,699)	(\$674,773)	(\$644,061)	(\$674,910)	(\$666,778)	(\$682,800)	(\$665,674)	(\$680,511)	(\$680,654)	(\$508,753)	(\$508,753)	(\$7,684,546)
			\$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		\$85,022	\$84,962	\$85,011	\$84,964	\$84,726	\$85,570	\$85,117	\$85,190	\$85,170	\$85,668	\$95,059	\$95,059	\$1,041,518
20	Dominion		\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$82,949	\$80,255	\$82,949	\$82,967	\$82,967	\$992,734
21	Tennessee		\$42,271	\$48,337	\$50,950	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,883	\$49,804	\$49,804	\$580,070
22	Columbia		\$20,608	\$3,477	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$121,026
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		\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$1,051,186
26	Tennessee		\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$1,094,622
27	Dominion		\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$368,340
28	Columbia		\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$182,049
29	Confidential Pipelime and Peaking Supplies		\$920,125	\$676,693	\$693,205	\$673,630	\$674,635	\$611,023	\$739,213	\$850,964	\$692,443	\$673,988	\$819,296	\$819,296	\$8,844,511
30	TOTAL FIXED COSTS	sum[(2):(29)]	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,861,680	\$3,862,353	\$43,167,291

Supply Estimates and Actuals for Filing

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	Jun Actual (h)	Jul Actual (i)	Aug Actual (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
Projected Gas Costs using 9/6/2016 NYMEX settled															
31	VARIABLE SUPPLY COSTS (Includes Injections)														
32	Tennessee (Includes ANE and Niagara)												\$443,831	\$714,351	\$1,158,182
33	TETCO (Includes B&W)												\$0	\$0	\$0
34	M3 Delivered												\$761,727	\$344,117	\$1,105,844
35	Maumee												\$0	\$0	\$0
36	Broadrun Col												\$0	\$0	\$0
37	Columbia Eagle and Downingtown												\$35,526	\$19,318	\$54,844
38	TETCO M2												\$456,935	\$1,192,996	\$1,649,931
39	Dominion to TETCO FTS												\$0	\$0	\$0
40	Transco Leidy												\$31,528	\$43,900	\$75,429
41	DistriGas FCS												\$0	\$0	\$0
42	Hubline												\$0	\$0	\$0
43	Total Pipeline Commodity Charges	sum[(32):(42)]	\$2,817,640	\$5,590,786	\$9,087,594	\$8,210,167	\$3,697,752	\$3,311,471	\$1,459,452	\$605,570	\$591,807	\$503,438	\$1,729,548	\$2,314,683	\$39,919,909
44	Hedging Settlements and Amortization		\$2,827,644	\$5,622,697	\$5,960,230	\$6,252,860	\$5,737,029	\$2,734,885	\$1,589,254	\$959,398	\$324,878	\$714,028	\$621,539	\$1,066,847	\$34,411,288
45	Hedging Contracts - Commission & Other Fees		\$168,614	\$804,160	\$870,881	\$804,374	\$703,868	\$495	\$598	\$256	\$544	\$413	\$0	\$0	\$3,354,202
46	Hedging Contracts - Net Carry of Collateral		\$14,953	\$14,864	\$16,589	\$16,609	\$15,334	\$9,676	\$10,480	\$6,553	\$6,532	\$6,932	\$0	\$0	\$118,523
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	\$0	\$0	\$0	\$0	\$0	(\$811,807)	(\$672,423)	(\$1,484,230)
49	TOTAL VARIABLE SUPPLY COSTS	sum[(43):(48)]	\$5,828,851	\$12,032,506	\$15,935,295	\$15,284,010	\$10,153,983	\$6,056,527	\$3,059,784	\$1,571,778	\$923,762	\$1,224,811	\$1,539,280	\$2,709,108	\$76,319,693
50	Underground Storage		\$677,039	\$398,548	\$1,689,439	\$1,137,575	\$657,975	\$401,889	\$247,694	\$215,901	\$28,902	\$318,596	\$0	\$0	\$5,773,558
51	LNG Withdrawals and Trucking		\$107,834	\$84,350	\$895,005	\$1,422,827	\$143,293	\$80,699	\$79,140	\$143,928	\$86,749	\$83,762	\$79,162	\$82,259	\$3,289,009
52	Storage Delivery Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	TOTAL VARIABLE STORAGE COSTS	sum[(50):(52)]	\$784,873	\$482,898	\$2,584,444	\$2,560,402	\$801,269	\$482,587	\$326,835	\$359,829	\$115,651	\$402,358	\$79,162	\$82,259	\$9,062,567
54	TOTAL VARIABLE COSTS	(49) + (53)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,844,412	\$10,955,252	\$6,539,114	\$3,386,618	\$1,931,606	\$1,039,413	\$1,627,169	\$1,618,443	\$2,791,367	\$85,382,260
55	TOTAL SUPPLY COSTS	(30) + (54)	\$10,362,015	\$16,037,351	\$22,044,129	\$21,402,441	\$14,477,118	\$9,969,592	\$6,936,308	\$5,554,076	\$4,526,643	\$5,106,036	\$5,480,122	\$6,653,719	\$128,549,551

Supply Estimates and Actuals for Filing

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	Jun Actual (h)	Jul Actual (i)	Aug Actual (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
Projected Gas Costs using 9/6/2016 NYMEX settled															
56	Storage Costs for FT-2 Calculation														
57	Storage Fixed Costs - Facilities		\$394,591	\$383,465	\$392,345	\$389,684	\$389,446	\$390,290	\$389,837	\$389,910	\$387,196	\$390,934	\$401,264	\$401,264	\$4,700,227
58	Storage Fixed Costs - Deliveries		\$1,305,744	\$1,062,866	\$1,062,869	\$1,062,869	\$1,062,869	\$1,441,583	\$1,485,055	\$1,627,282	\$1,456,945	\$1,456,949	\$1,044,708	\$1,044,708	\$15,114,447
59	sub-total Storage Costs	sum((56):(57))	\$1,700,335	\$1,446,331	\$1,455,214	\$1,452,553	\$1,452,315	\$1,831,873	\$1,874,892	\$2,017,191	\$1,844,141	\$1,847,883	\$1,445,973	\$1,445,973	\$19,814,674
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	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$103,343	\$110,602	\$1,203,075
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	\$19,771	\$19,563	\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$21,520	\$21,524	\$239,968
64	Total FT-2 Storage Fixed Costs	sum((59):(63))	\$1,777,474	\$1,515,614	\$1,500,188	\$1,475,813	\$1,467,108	\$1,853,414	\$1,905,452	\$2,056,781	\$1,892,829	\$1,903,104	\$1,494,734	\$1,501,998	\$20,344,509
65	System Storage MDQ (Dth)		193,596	169,835	169,667	175,833	177,366	179,070	181,646	182,090	181,336	181,765	149,325	149,325	2,090,854
66	FT-2 Storage Cost per MDQ (Dth)	(64) / (65)	\$9.1813	\$8.9240	\$8.8420	\$8.3932	\$8.2717	\$10.3502	\$10.4899	\$11.2954	\$10.4382	\$10.4701	\$10.0099	\$10.0586	\$9.7302
67	Pipeline Variable	(54)	\$6,613,724	\$12,515,404	\$18,519,738	\$17,844,412	\$10,955,252	\$6,539,114	\$3,386,618	\$1,931,606	\$1,039,413	\$1,627,169	\$1,618,443	\$2,791,367	\$85,382,260
68	Less Non-firm Gas Costs		(\$59,229)	(\$117,023)	(\$150,820)	(\$14,806)	(\$70,277)	(\$38,360)	(\$46,463)	(\$25,461)	(\$45,930)	(\$8,608)	\$0	\$0	(\$576,976)
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	\$460,356	(\$184,741)	(\$29,047)	\$175,857	\$213,671	\$47,717	\$45,593	\$0	\$0	\$1,070,867
74	Plus Pipeline Srchg/Credit		\$449,140	\$490,398	\$506,399	\$505,394	\$472,592	\$504,864	\$487,829	\$504,046	\$487,836	\$504,180	\$0	\$0	\$4,912,677
75	Less Mkter FT-2 Daily weather true-up		\$17,419	\$1,278	(\$21,010)	(\$2,071)	(\$27,221)	\$45,497	\$5,462	\$1,072	\$1,006	(\$2,722)	\$0	\$0	\$18,709
76	TOTAL FIRM COMMODITY COSTS	sum((67):(75))	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$1,618,443	\$2,791,367	\$90,807,536

GCR Revenue

Line No.	Description	Reference	Nov Actual (a)	Dec Actual (b)	Jan Actual (c)	Feb Actual (d)	Mar Actual (e)	Apr Actual (f)	May Actual (g)	Jun Actual (h)	Jul Actual (i)	Aug Actual (j)	Sep Forecast (k)	Oct Forecast (l)	Nov-Oct (m)
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	4,195,398	3,658,182	2,586,408	1,540,314	849,324	582,453	515,862	561,628	785,129	22,560,708
3	Fixed Cost Factor	(4) / (2)	\$1.1375	\$1.1494	\$1.1417	\$1.1416	\$1.1432	\$1.1428	\$1.1434	\$1.1442	\$1.1425	\$1.1236	\$1.1421	\$1.1421	
4	Low Load Revenue		\$1,497,286	\$2,983,958	\$3,851,664	\$4,789,263	\$4,182,118	\$2,955,623	\$1,761,188	\$971,830	\$665,435	\$579,628	\$641,436	\$896,695	\$25,776,124
5	(b) High Load dth	Sch. 6, line 22, 23, 29, 31	72,391	103,495	108,116	122,499	100,798	86,125	63,662	54,863	40,550	32,422	70,588	71,955	927,464
6	Fixed Cost Factor	(7) / (5)	\$0.9169	\$0.8845	\$0.8805	\$0.8799	\$0.8542	\$0.8795	\$0.8792	\$0.8815	0.8798	0.8788	0.8796	0.8796	
7	High Load Revenue		\$66,375	\$91,540	\$95,197	\$107,785	\$86,106	\$75,752	\$55,969	\$48,361	\$35,677	\$28,492	\$62,089	\$63,292	\$816,636
8	sub-total throughput Dth	(2) + (5)	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	632,216	857,084	23,488,172
9	FT-2 Storage Revenue from marketers		\$159,744	\$146,055	\$178,446	\$356,309	\$261,170	\$228,326	\$262,198	\$156,584	\$155,936	\$156,304	\$144,542	\$144,542	\$2,350,157
10	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473	863	742	1,725	1,337	1,502	1,239	1,041	968			
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	\$1.1796	
12	Manchester Street Revenue	(10) * (11)	\$1,169	\$1,737	\$1,018	\$876	\$2,035	\$1,577	\$1,772	\$1,461	\$1,228	\$1,142	\$0	\$0	\$14,014
13	TOTAL Fixed Revenue	(4) + (7) + (9) + (12)	\$1,724,573	\$3,223,290	\$4,126,326	\$5,254,232	\$4,531,428	\$3,261,277	\$2,081,128	\$1,178,236	\$858,277	\$765,567	\$848,067	\$1,104,529	\$28,956,931
14	II. Variable Cost Revenue --														
15	(a) Firm Sales dth	(8)	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	632,216	857,084	23,488,172
16	Variable Supply Cost Factor	(17) / (15)	\$5.1025	\$4.2399	\$4.2116	\$4.2111	\$4.2138	\$4.2153	\$4.2175	\$4.2210	\$4.2144	\$4.1486	\$4.2130	\$4.2130	
17	Variable Supply Revenue		\$7,085,565	\$11,445,726	\$14,664,054	\$18,182,980	\$15,839,493	\$11,265,583	\$6,764,778	\$3,816,541	\$2,625,554	\$2,274,612	\$2,663,527	\$3,610,893	\$100,239,306
18	(b) TSS Sales dth	Sch. 6, line 20	17,510	26,312	29,803	35,617	33,863	25,815	16,736	8,187	1,342	1,320			196,504
19	TSS Surcharge Factor	Company's website	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	(c) Default Sales dth	Sch. 6, line 60	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	-	-	43,163
22	Variable Supply Cost Factor	(23) / (21)	\$6.65	\$6.40	\$7.51	\$10.45	\$2.47	\$4.15	\$5.35	\$5.36	\$5.35	\$5.35	\$0.00	\$0.00	
23	Variable Supply Revenue		\$31,962	\$55,235	\$37,872	\$89,778	\$13,188	\$18,695	\$22,530	\$546	\$2,819	\$7,553	\$0	\$0	\$280,179
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	\$11,438	\$30,951	\$5,295	\$66,426	\$38,532	\$136	\$22,845	\$0	\$0	\$185,501
26	(e) FT-1 Storage and Peaking														
27	Manchester Steet Volumes (dth)	Monthly Meter Use	991	1,473	863	742	1,725	1,337	1,502	1,239	1,041	968			
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	\$4.3514	
29	Manchester Street Revenue	(27) * (28)	\$4,310	\$6,408	\$3,756	\$3,230	\$7,506	\$5,818	\$6,536	\$5,390	\$4,531	\$4,213	\$0	\$0	\$51,696
30	TOTAL Variable Revenue	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$7,122,847	\$11,516,237	\$14,705,682	\$18,287,426	\$15,891,138	\$11,295,391	\$6,860,270	\$3,861,009	\$2,633,039	\$2,309,223	\$2,663,527	\$3,610,893	\$100,756,682
31	Total Gas Cost Revenue (w/o FT-2)	(13) + (30)	\$8,847,420	\$14,739,527	\$18,832,008	\$23,541,658	\$20,422,566	\$14,556,669	\$8,941,398	\$5,039,245	\$3,491,316	\$3,074,790	\$3,511,594	\$4,715,422	\$129,713,613

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>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Forecast</u> (k)	<u>Oct</u> <u>Forecast</u> (l)	<u>Nov-Oct</u> (m)	
Line	<u>Description</u>														
No.	<u>Reference</u>														
1	Supply Fixed Costs	Sch. 1, line 5	\$3,748,291	\$3,521,947	\$3,524,390	\$3,558,029	\$3,521,866	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,861,680	\$3,862,353	\$43,167,291
2	Less: LNG Demand to DAC	Sch. 1, line 6	(\$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)
3	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$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)	(\$124,066)	(\$1,488,790)
5	Allowable Working Capital Costs	(1) + (4)	\$3,624,225	\$3,397,881	\$3,400,325	\$3,433,964	\$3,397,800	\$3,306,413	\$3,425,624	\$3,498,403	\$3,363,165	\$3,354,801	\$3,737,614	\$3,738,287	\$41,678,502
6	Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
7	Working Capital Requirement	[(5) * (6)] / 365	\$213,581	\$200,242	\$200,386	\$202,369	\$200,237	\$194,852	\$201,877	\$206,166	\$198,196	\$197,703	\$220,263	\$220,303	
8	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
9	Return on Working Capital Requirement	(7) * (8)	\$15,485	\$14,518	\$14,528	\$14,672	\$14,517	\$14,127	\$14,636	\$14,947	\$14,369	\$14,334	\$15,969	\$15,972	
10	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
11	Interest Expense	(7) * (10)	\$5,489	\$5,146	\$5,150	\$5,201	\$5,146	\$5,008	\$5,188	\$5,298	\$5,094	\$5,081	\$5,661	\$5,662	
12	Taxable Income	(9) - (11)	\$9,996	\$9,371	\$9,378	\$9,471	\$9,371	\$9,119	\$9,448	\$9,649	\$9,276	\$9,253	\$10,308	\$10,310	
13	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
14	Return and Tax Requirement	(12) / (13)	\$15,378	\$14,417	\$14,428	\$14,571	\$14,417	\$14,029	\$14,535	\$14,844	\$14,270	\$14,235	\$15,859	\$15,862	
15	Supply Fixed Working Capital Requirement	(11) + (14)	<u>\$20,867</u>	<u>\$19,564</u>	<u>\$19,578</u>	<u>\$19,771</u>	<u>\$19,563</u>	<u>\$19,037</u>	<u>\$19,723</u>	<u>\$20,142</u>	<u>\$19,364</u>	<u>\$19,316</u>	<u>\$21,520</u>	<u>\$21,524</u>	<u>\$239,968</u>
16	Supply Variable Costs	Sch. 1, line 23	\$7,164,301	\$13,003,521	\$18,939,058	\$18,793,285	\$11,145,605	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$1,618,443	\$2,791,367	\$90,807,536
17	Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 24	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
18	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Total Adjustments	(17) + (18)	(\$11,809)	(\$95)	(\$95)	(\$231,803)	(\$1,967)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$245,769)
20	Allowable Working Capital Costs	(16) + (19)	\$7,152,492	\$13,003,426	\$18,938,962	\$18,561,482	\$11,143,638	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$1,618,443	\$2,791,367	\$90,561,767
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	\$421,507	\$766,311	\$1,116,102	\$1,093,856	\$656,711	\$413,821	\$236,274	\$154,691	\$90,168	\$127,623	\$95,377	\$164,499	
23	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
24	Return on Working Capital Requirement	(22) * (23)	\$30,559	\$55,558	\$80,917	\$79,305	\$47,612	\$30,002	\$17,130	\$11,215	\$6,537	\$9,253	\$6,915	\$11,926	
25	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
26	Interest Expense	(22) * (25)	\$10,833	\$19,694	\$28,684	\$28,112	\$16,877	\$10,635	\$6,072	\$3,976	\$2,317	\$3,280	\$2,451	\$4,228	
27	Taxable Income	(24) - (26)	\$19,727	\$35,863	\$52,234	\$51,192	\$30,734	\$19,367	\$11,058	\$7,240	\$4,220	\$5,973	\$4,464	\$7,699	
28	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
29	Return and Tax Requirement	(27) / (28)	\$30,349	\$55,174	\$80,359	\$78,758	\$47,283	\$29,795	\$17,012	\$11,138	\$6,492	\$9,189	\$6,867	\$11,844	
30	Supply Variable Working Capital Requirement	(26) + (29)	<u>\$41,181</u>	<u>\$74,869</u>	<u>\$109,043</u>	<u>\$106,870</u>	<u>\$64,161</u>	<u>\$40,430</u>	<u>\$23,084</u>	<u>\$15,113</u>	<u>\$8,809</u>	<u>\$12,469</u>	<u>\$9,318</u>	<u>\$16,072</u>	<u>\$521,419</u>

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>Actual</u> (f)	<u>Actual</u> (g)	<u>Actual</u> (h)	<u>Actual</u> (i)	<u>Actual</u> (j)	<u>Forecast</u> (k)	<u>Forecast</u> (l)	<u>Forecast</u> (m)
1	Storage Inventory Balance		\$9,323,989	\$9,431,867	\$7,912,417	\$7,053,287	\$6,668,946	\$6,846,012	\$7,084,306	\$7,390,915	\$7,992,207	\$7,953,536	\$8,056,728	\$8,938,049	
2	Monthly Storage Deferral/Amortization		\$3,178,547	\$2,375,546	\$1,505,628	\$702,627	\$1	\$540,966	\$1,107,192	\$1,611,364	\$1,822,776	\$2,364,223	\$0	\$0	
3	Subtotal	(1) + (2)	\$12,502,536	\$11,807,413	\$9,418,045	\$7,755,914	\$6,668,947	\$7,386,979	\$8,191,498	\$9,002,279	\$9,814,983	\$10,317,759	\$8,056,728	\$8,938,049	
4	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
5	Return on Working Capital Requirement	(3) * (4)	\$906,434	\$856,037	\$682,808	\$562,304	\$483,499	\$535,556	\$593,884	\$652,665	\$711,586	\$748,038	\$584,113	\$648,009	\$7,964,932
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	\$199,327	\$171,392	\$189,845	\$210,522	\$231,359	\$252,245	\$265,166	\$207,058	\$229,708	\$2,823,431
8	Taxable Income	(5) - (7)	\$585,119	\$552,587	\$440,765	\$362,977	\$312,107	\$345,711	\$383,362	\$421,307	\$459,341	\$482,871	\$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	\$558,426	\$480,164	\$531,862	\$589,788	\$648,164	\$706,679	\$742,879	\$580,084	\$643,540	\$7,910,001
11	Working Capital Requirement	(7) + (10)	\$1,221,498	\$1,153,584	\$920,143	\$757,753	\$651,556	\$721,708	\$800,309	\$879,523	\$958,924	\$1,008,045	\$787,142	\$873,247	\$10,733,433
12	Monthly Average	(11) / 12	\$101,791	\$96,132	\$76,679	\$63,146	\$54,296	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$65,595	\$72,771	\$894,453
13	LNG Inventory Balance		\$3,756,170	\$3,646,413	\$3,048,366	\$2,019,560	\$2,092,259	\$2,267,685	\$2,486,527	\$2,733,364	\$3,133,824	\$3,439,318	\$4,636,339	\$4,646,658	
14	Cost of Capital	Dkt 4323	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
15	Return on Working Capital Requirement	(13) * (14)	\$272,322	\$264,365	\$221,007	\$146,418	\$151,689	\$164,407	\$180,273	\$198,169	\$227,202	\$249,351	\$336,135	\$336,883	\$2,748,220
16	Weighted Cost of Debt	Dkt 4323	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	
17	Interest Charges Financed	(13) * (16)	\$96,534	\$93,713	\$78,343	\$51,903	\$53,771	\$58,280	\$63,904	\$70,247	\$80,539	\$88,390	\$119,154	\$119,419	\$974,197
18	Taxable Income	(15) - (17)	\$175,789	\$170,652	\$142,664	\$94,515	\$97,918	\$106,128	\$116,369	\$127,921	\$146,663	\$160,960	\$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	\$145,408	\$150,643	\$163,273	\$179,030	\$196,802	\$225,635	\$247,631	\$333,816	\$334,559	\$2,729,267
21	Working Capital Requirement	(17) + (20)	\$366,978	\$356,255	\$297,825	\$197,311	\$204,414	\$221,553	\$242,934	\$267,050	\$306,175	\$336,021	\$452,970	\$453,979	\$3,703,463
22	Monthly Average	(21) / 12	\$30,581	\$29,688	\$24,819	\$16,443	\$17,034	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$37,748	\$37,832	\$308,622
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$132,373	\$125,820	\$101,497	\$79,589	\$71,331	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$103,343	\$110,602	\$1,203,075

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)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Forecast (k)	Forecast (l)	(m)
THROUGHPUT (Dth)														
1	SALES													
2	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	24,221	28,799	545,376
3	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	0	0	19,500
4	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	402,675	561,110	15,485,488
5	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	0	0	1,325,494
6	Small C&I	103,351	234,087	316,821	424,123	362,345	236,605	124,634	68,665	47,017	41,144	46,985	68,102	2,073,877
7	Medium C&I	172,404	312,683	395,600	482,261	433,570	310,734	195,493	122,262	92,582	98,729	129,347	129,347	2,838,506
8	Large LLF	32,833	66,156	87,518	113,350	106,251	77,000	38,092	17,590	8,111	9,003	12,359	21,893	590,156
9	Large HLF	17,530	18,358	18,187	20,408	17,020	14,204	15,349	19,350	15,912	10,345	13,117	14,091	193,872
10	Extra Large LLF	3,781	6,963	9,313	9,683	14,539	8,303	5,409	3,332	1,167	1,113	880	4,676	69,159
11	Extra Large HLF	14,656	20,385	8,705	6,141	10,751	6,283	4,488	5,453	5,653	5,410	33,250	29,065	150,239
12	Total Sales	1,371,138	2,673,220	3,452,028	4,282,281	3,725,117	2,646,719	1,587,241	896,000	621,661	546,964	632,216	857,084	23,291,668
13	TSS													
14	Small	30	63	190	273	237	101	55	14	1	0	0	0	964
15	Medium	11,278	16,740	20,111	23,975	22,576	17,296	10,629	427	871	692	0	0	124,595
16	Large LLF	4,405	7,416	7,166	8,188	7,877	5,738	3,350	7,452	470	406	0	0	52,469
17	Large HLF	1,797	2,093	2,336	3,181	3,174	2,679	2,702	294	0	221	0	0	18,477
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	35,617	33,863	25,815	16,736	8,187	1,342	1,320	0	0	196,504
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	24,221	28,799	545,376
23	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	0	0	19,500
24	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	402,675	561,110	15,485,488
25	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	0	0	1,325,494
26	Small C&I	103,381	234,149	317,012	424,396	362,582	236,705	124,688	68,679	47,017	41,144	46,985	68,102	2,074,841
27	Medium C&I	183,682	329,423	415,711	506,235	456,146	328,031	206,121	122,689	93,453	93,534	98,729	129,347	2,963,101
28	Large LLF	37,238	73,573	94,684	121,538	114,128	82,739	41,442	25,042	8,581	9,409	12,359	21,893	642,625
29	Large HLF	19,327	20,451	20,523	23,589	20,194	16,883	18,051	19,644	15,912	10,566	13,117	14,091	212,349
30	Extra Large LLF	3,781	6,963	9,313	9,683	14,539	8,303	5,409	3,332	1,167	1,113	880	4,676	69,159
31	Extra Large HLF	14,656	20,385	8,705	6,141	10,751	6,283	4,488	5,453	5,653	5,410	33,250	29,065	150,239
32	Total Sales & TSS Throughput	1,388,648	2,699,532	3,481,832	4,317,898	3,758,980	2,672,534	1,603,977	904,187	623,002	548,284	632,216	857,084	23,488,172
33	FT-1 TRANSPORTATION													
34	FT-1 Small	0	0	0	0	0	0	0	0	0	0	166	317	482
35	FT-1 Medium	63,644	68,106	75,898	132,048	80,921	50,248	46,317	16,972	12,658	23,275	29,471	46,261	645,819
36	FT-1 Large LLF	90,987	108,704	113,907	224,428	122,228	70,276	54,505	4,166	(6,639)	15,268	26,713	70,555	895,097
37	FT-1 Large HLF	42,174	44,422	39,881	66,915	44,249	36,833	33,922	28,372	31,907	24,836	32,602	38,033	464,144
38	FT-1 Extra Large LLF	128,795	147,186	149,215	255,433	164,414	106,626	93,152	12,455	(19,882)	16,867	23,780	81,552	1,159,594
39	FT-1 Extra Large HLF	465,126	508,134	512,954	600,196	496,037	410,300	485,818	417,435	478,958	424,379	433,874	469,805	5,703,015
40	Default	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	0	0	43,163
40	Total FT-1 Transportation	795,530	885,185	896,900	1,287,608	913,192	678,786	717,920	479,501	497,528	506,036	546,607	706,523	8,911,315
41	FT-2 TRANSPORTATION													
42	FT-2 Small	3,168	7,148	11,801	16,262	13,677	8,922	4,864	2,660	1,939	1,894	1,789	3,029	77,153
43	FT-2 Medium	101,345	171,161	219,400	264,594	227,758	180,341	117,208	72,110	51,904	45,212	51,923	70,785	1,573,380
44	FT-2 Large LLF	65,164	126,421	166,758	196,312	191,012	124,706	75,799	25,923	15,596	13,724	23,747	40,762	1,065,921
45	FT-2 Large HLF	30,668	19,443	47,289	51,672	44,457	39,401	32,801	27,650	21,669	21,990	28,565	30,253	395,858
46	FT-2 Extra Large LLF	4,340	7,674	9,285	12,583	11,869	9,132	6,423	3,574	2,469	2,001	1,137	2,512	72,997
47	FT-2 Extra Large HLF	40,295	44,082	45,454	47,875	50,114	40,735	36,244	36,123	35,144	32,540	6,600	6,526	421,733
48	Total FT-2 Transportation	244,979	375,929	499,627	589,297	538,887	403,236	273,340	168,039	128,721	117,359	113,760	153,868	3,607,042
49	Total THROUGHPUT													
50	Residential Non-Heating	37,092	60,224	75,729	89,222	67,317	60,019	39,167	28,743	18,658	16,187	24,221	28,799	545,376
51	Residential Non-Heating Low Income	1,316	2,434	3,160	3,548	2,537	2,941	1,956	1,023	327	259	0	0	19,500
52	Residential Heating	894,673	1,774,748	2,309,007	2,862,444	2,537,120	1,778,181	1,062,089	573,872	392,213	337,357	402,675	561,110	15,485,488
53	Residential Heating Low Income	93,503	177,183	227,988	271,102	173,668	152,450	100,566	55,710	40,021	33,305	0	0	1,325,494
54	Small C&I	106,549	241,297	328,813	440,658	376,259	245,627	129,552	71,339	48,956	43,038	48,939	71,448	2,152,476
55	Medium C&I	348,671	568,689	710,649	902,877	764,825	558,619	369,646	211,771	158,015	162,022	180,123	246,393	5,182,300
56	Large LLF	193,388	308,698	375,550	542,278	427,367	277,720	171,746	55,130	17,537	38,400	62,819	133,210	2,603,643
57	Large HLF	92,168	84,316	107,694	142,175	108,900	93,117	84,774	75,665	69,488	57,392	74,285	82,377	1,072,352
58	Extra Large LLF	136,916	161,823	167,814	177,699	190,821	124,661	104,983	19,361	(16,246)	19,981	25,797	88,741	1,301,751
59	Extra Large HLF	520,078	572,601	567,112	654,211	556,902	457,318	526,550	459,011	519,756	462,329	473,724	505,396	6,274,986
60	Default	4,805	8,633	5,044	8,588	5,343	4,502	4,208	102	527	1,411	0	0	43,163
61	Total Throughput	2,429,157	3,960,645	4,878,358	6,194,802	5,211,058	3,754,555	2,595,237	1,551,727	1,249,252	1,171,679	1,292,583	1,717,475	36,006,528