

Thomas R. Teehan Senior Counsel

January 23, 2013

# VIA HAND DELIVERY & ELECTRONIC MAIL

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

## RE: Docket 4346 - Gas Cost Recovery Filing ("GCR") Monthly Filing of GCR Deferred Balances

Dear Ms. Massaro:

On behalf of National Grid, <sup>1</sup> I am submitting an original and nine copies of the Company's monthly filing of gas costs and gas-cost revenue collection data.

The deferred balance report that is attached covers the 12-month period from November 1, 2012 through October 31, 2013. Based on one month of actual data, the deferred gas cost balance at the end of October 2013 is projected as an under-recovery of \$3.4 million (see attached Schedule 1). This calculation is based on the November 1, 2012 starting balance of \$505,827 in over collections, plus the actual gas costs and gas costs collection for November 2012. These projected costs are updated to reflect the January 15, 2013 NYMEX settle.

Please note that due to technical difficulties with the newly implemented financial system which the Company continues to work through, the actual gas costs and gas costs collection data for December 2012 is not yet available. The Company will file an updated report incorporating this information as soon as it is able to verify its accuracy.

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 2012. Schedule 3 summarizes actual and projected gas cost revenue collections for the November 1, 2012 through October 31, 2013. Schedule 4 shows the calculation of working capital. The calculation of inventory finance charges is presented on Schedule 5. Schedule 6 presents customer class specific throughput.

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

Luly E. Massaro, Commission Clerk Docket 4346 – GCR Deferred Report January 23, 2013 Page 2 of 2

Thank you for your forbearance in this matter. If you have any questions, please feel free to contact me at (401) 784-7685.

Very truly yours,

12 Tuchon

Thomas R. Teehan

Enclosure

cc: Docket 4346 Service List Leo Wold, Esq. Steve Scialabba

## Certificate of Service

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate were electronically transmitted and sent via U.S. Mail to the individuals listed below. Copies of this filing were hand delivered to the RI Public Utilities Commission.

Joanne M. Scanlon National Grid <u>January 23, 2013</u> Date

# Docket No. 4346 – National Grid – 2012 Annual Gas Cost Recovery Filing ("GCR") - Service List as of 10/17/12

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File an original & nine (9) copies w/:	Lmassaro@puc.state.ri.us	401-780-2107
Luly E. Massaro, Commission Clerk	<u> </u>	401-941-1691
Public Utilities Commission	Plucarelli@puc.state.ri.us	
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Luly E. Massaro, Commission Clerk Docket 4346 – GCR Deferred Report January 22, 2013 Page 2 of 2

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Very truly yours,

12 Tuchon

Thomas R. Teehan

Enclosure

cc: Docket 4346 Service List Leo Wold, Esq. Steve Scialabba

#### National Grid Rhode Island - Gas

#### Deferred Gas Cost Balances

	# of Days in Month	<u>Nov</u> actual 30	Dec Fcst 31	<u>Jan</u> <u>Fcst</u> 31	Feb Fcst 28	Mar Fcst 31	Apr Fcst 30	May Fcst 31	Jun Fcst 30	<u>Jul</u> <u>Fcst</u> 31	Aug Fcst 31	<u>Sep</u> <u>Fcst</u> 30	Oct Fcst 31	<u>Nov-Oct</u> 365
Line														
No.														
1	I. Fixed Cost Deferred													
2	Beginning Balance	\$8,805,999	\$8,399,153	\$6,012,276	\$1,291,875	(\$3,544,306)	(\$7,380,227)	(\$9,582,838)	(\$9,873,019)	(\$8,790,119)	(\$7,179,273)	(\$5,433,893)	(\$3,723,627)	\$8,805,999
3	Adjustment- Tennessee Refund Reallocation	(\$1,141,713)	<b>\$0.045.004</b>	¢0 500 400	\$0.504.000	\$2 500 450	¢0,000,005	¢0.000.070	¢0,000,005	¢0.000.0 <del>7</del> 0	¢0.000.0 <del>7</del> 0	¢0.000.005	¢0,000,0 <del>7</del> 0	¢40 770 007
4 5	Supply Fixed Costs (net of cap rel)	\$3,481,283 \$0	\$3,215,834	\$3,566,162 (\$112,186)	\$3,564,233	\$3,566,159 (\$109,868)	\$3,339,235 (\$91,454)	\$3,339,878 (\$94,008)	\$3,339,235	\$3,339,878	\$3,339,878 (\$96,026)	\$3,339,235	\$3,339,878	\$40,770,887 (\$1,081,860)
5 6	Storage Costs to Marketer FT-2 LNG Demand to DAC	<del>ب</del> وں (\$124,066)	(\$83,815) (\$124,066)	(\$112,186)	(\$110,042) (\$124,066)	(\$109,868)	(\$124,066)	(\$94,008) (\$124,066)	(\$95,801) (\$124,066)	(\$95,999) (\$124,066)	(\$96,026) (\$124,066)	(\$96,343) (\$124,066)	(\$96,319) (\$124,066)	(\$1,488,790)
7	Supply Related LNG O & M	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$618,591
8	NGPMP Credits	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$4,600,000)
9	Working Capital	\$22,600	\$20,840	\$23,163	\$23,150	\$23,163	\$21,658	\$21,662	\$21,658	\$21,662	\$21,662	\$21,658	\$21,662	\$264,538
10	Total Supply Fixed Costs	\$1,906,321	\$2,697,009	\$3,021,290	\$3,021,491	\$3,023,604	\$2,813,588	\$2,811,682	\$2,809,242	\$2,809,691	\$2,809,665	\$2,808,700	\$2,809,371	\$33,341,653
11	Supply Fixed - Collections	\$1,947,731	\$5,091,532	\$7,745,566	\$7,856,592	\$6,853,729	\$5,007,490	\$3,091,541	\$1,716,760	\$1,190,373	\$1,057,592	\$1,093,732	\$1,345,668	\$43,998,306
12	Prelim. Ending Balance	\$8,764,589	\$6,004,630	\$1,288,000	(\$3,543,226)	(\$7,374,431)	(\$9,574,129)	(\$9,862,697)	(\$8,780,537)	(\$7,170,801)	(\$5,427,201)	(\$3,718,925)	(\$2,259,923)	(\$1,850,653)
13	Month's Average Balance	\$8,785,294	\$7,201,892	\$3,650,138	(\$1,125,676)	(\$5,459,368)	(\$8,477,178)	(\$9,722,767)	(\$9,326,778)	(\$7,980,460)	(\$6,303,237)	(\$4,576,409)	(\$2,991,775)	
14	Interest Rate (BOA Prime minus 200 bps)	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
15	Interest Applied	\$9,026	\$7,646	\$3,875	(\$1,079)	(\$5,796)	(\$8,709)	(\$10,322)	(\$9,582)	(\$8,472)	(\$6,692)	(\$4,702)	(\$3,176)	(\$37,984)
16 17	Marketer Reconcilation	(\$374,462)	¢c 040 0 <del>7</del> 0	¢4 004 075	(\$2,544,000)	(\$7,000,007)	(\$0,500,000)	(\$0.070.040)	(\$0.700.440)	(\$7,470,070)	(\$5,400,000)	(\$0,700,007)	(\$0.000.400)	(\$4,000,000)
17	Fixed Ending Balance	\$8,399,153	\$6,012,276	\$1,291,875	(\$3,544,306)	(\$7,380,227)	(\$9,582,838)	(\$9,873,019)	(\$8,790,119)	(\$7,179,273)	(\$5,433,893)	(\$3,723,627)	(\$2,263,100)	(\$1,888,638)
18	II. Variable Cost Deferred													
19	Beginning Balance	(\$9,311,826)	(\$1,853,583)	\$4,449,535	\$9,828,399	\$10,343,227	\$8,891,279	\$5,720,305	\$3,679,551	\$2,965,923	\$3,076,810	\$3,431,245	\$3,736,574	(\$9,311,826)
20	Adjustment- Tennessee Refund Reallocation	\$1,141,713	(* ,,											(1-1)
21	Variable Supply Costs	\$14,171,052	\$19,201,155	\$25,125,519	\$20,598,346	\$16,064,386	\$9,591,197	\$5,777,662	\$3,537,236	\$3,000,276	\$2,899,398	\$2,943,572	\$5,229,408	\$128,139,207
22	Supply Related LNG to DAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Supply Related LNG O & M	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$430,129
24	Inventory Financing - LNG	\$34,208	\$36,016	\$33,119	\$31,457	\$30,554	\$29,684	\$37,133	\$43,334	\$42,383	\$41,431	\$43,689	\$43,829	\$446,838
25	Inventory Financing - UG	\$184,635	\$136,021	\$105,678	\$83,122	\$82,046	\$102,523	\$123,938	\$138,009	\$141,197	\$142,451	\$143,789	\$143,366	\$1,526,776
26	Working Capital	\$94,190	\$127,540	\$166,818	\$136,803	\$106,743	\$63,826	\$38,543	\$23,689	\$20,129	\$19,460	\$19,753	\$34,908	\$852,403
27	Total Supply Variable Costs	\$15,661,642	\$19,536,576	\$25,466,977	\$20,885,572	\$16,319,574	\$9,823,074	\$6,013,120	\$3,778,113	\$3,239,830	\$3,138,585	\$3,186,647	\$5,487,355	\$132,537,065
28 29	Supply Variable - Collections Prelim. Ending Balance	\$8,197,667 (\$1,847,851)	\$13,234,835 \$4,448,158	\$20,095,688 \$9,820,824	\$20,380,411 \$10,333,560	\$17,781,727 \$8,881,074	\$13,001,550 \$5,712,803	\$8,058,861 \$3,674,564	\$4,495,153 \$2,962,511	\$3,132,149 \$3,073,604	\$2,787,602 \$3,427,792	\$2,884,999 \$3,732,893	\$3,532,630 \$5,691,298	\$117,583,272 \$5,641,968
30	Month's Average Balance	(\$5,579,838)	\$1,297,287	\$7,135,180	\$10,080,979	\$9,612,150	\$7,302,041	\$4,697,434	\$3,321,031	\$3,019,763	\$3,252,301	\$3,582,069	\$4,713,936	\$5,041,900
31	Interest Rate (BOA Prime minus 200 bps)	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
32	Interest Applied	(\$5,733)	\$1,377	\$7,575	\$9.667	\$10,205	\$7.502	\$4,987	\$3,412	\$3,206	\$3,453	\$3,680	\$5,005	\$54,335
33	Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<b>4</b> ,
34	Variable Ending Balance	(\$1,853,583)	\$4,449,535	\$9,828,399	\$10,343,227	\$8,891,279	\$5,720,305	\$3,679,551	\$2,965,923	\$3,076,810	\$3,431,245	\$3,736,574	\$5,696,303	\$5,696,303
35	GCR Deferred Summary													
36	Beginning Balance	(\$505,827)	\$6,545,570	\$10,461,811	\$11,120,274	\$6,798,921	\$1,511,052	(\$3,862,533)	(\$6,193,468)	(\$5,824,196)	(\$4,102,464)	(\$2,002,647)	\$12,947	(\$505,827)
37	Gas Costs	\$17,241,201	\$22,296,502	\$28,542,823	\$24,015,865	\$19,484,005	\$12,802,304	\$8,986,859	\$6,743,997	\$6,207,483	\$6,106,578	\$6,149,791	\$8,436,294	\$167,013,702
38	Inventory Finance	\$218,843	\$172,038	\$138,796	\$114,579	\$112,601	\$132,207	\$161,071	\$181,344	\$183,580	\$183,882	\$187,478	\$187,195	\$1,973,614
39	Working Capital	\$116,790	\$148,379	\$189,980	\$159,953	\$129,906	\$85,484	\$60,205	\$45,347	\$41,792	\$41,123	\$41,411	\$56,570	\$1,116,941
40	NGPMP Credits	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$383,333)	(\$4,600,000)
40	Total Costs	\$17,193,501	\$22,233,585	\$28,488,266	\$23,907,063	\$19,343,178	\$12,636,662	\$8,824,802	\$6,587,355	\$6,049,521	\$5,948,249	\$5,995,347	\$8,296,726	\$165,504,257
42	Collections	\$10,145,397	\$18.326.367	\$27.841.254	\$28,237,003	\$24.635.456	\$18.009.040	\$11.150.402	\$6.211.913	\$4.322.522	\$3.845.194	\$3,978,731	\$4,878,298	\$161.581.577
42	Prelim. Ending Balance	\$6,542,276	\$10,452,788	\$11,108,824	\$6,790,334	\$1,506,643	(\$3,861,326)	(\$6,188,133)	(\$5,818,026)	(\$4,097,197)	(\$1,999,408)	\$13,968	\$3,431,375	ψ101,301,377
44	Month's Average Balance	\$3,018,225	\$8,499,179	\$10,785,318	\$8,955,304	\$4,152,782	(\$1,175,137)	(\$5,025,333)	(\$6,005,747)	(\$4,960,697)	(\$3,050,936)	(\$994,339)	\$1,722,161	
45	Interest Rate (BOA Prime minus 200 bps)	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
46	Interest Applied	\$3,293	\$9,023	\$11,450	\$8,587	\$4,409	(\$1,207)	(\$5,335)	(\$6,170)	(\$5,266)	(\$3,239)	(\$1,022)	\$1,828	\$16,351
47	Gas Purchase Plan Incentives/(Penalties)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48														
49	Ending Bal. W/ Interest	\$6,545,570	\$10,461,811	\$11,120,274	\$6,798,921	\$1,511,052	(\$3,862,533)	(\$6,193,468)	(\$5,824,196)	(\$4,102,464)	(\$2,002,647)	\$12,947	\$3,433,204	\$3,433,204

		<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	Feb Fcst	<u>Mar</u> Fcst	<u>Apr</u> Fcst	<u>May</u> Fcst	Jun Fcst	Jul Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	Nov-Oct
Line	Projected Gas Costs using 1-15-12 NYMEX													
No. 1 2	SUPPLY FIXED COSTS - Pipeline Delivery													
3 4	Algonquin Alberta Northeast	1,071,837 637	650,451	650,451 -	650,451 -	650,451	650,451 -	650,451	650,451	650,451 -	650,451 -	650,451	650,451 -	8,226,794 637
5	Texas Eastern	-	212,532	212,532	212,532	212,532	212,532	212,532	212,532	212,532	212,532	212,532	212,532	2,337,857
6	TETCO	775,893	525,034	525,034	525,034	525,034	525,034	525,034	525,034	525,034	525,034	525,034	525,034	6,551,269
7 8	Tennessee NETNE	1,016,202	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	1,015,024	12,181,464
9	Iroquois	- 610	- 6,676	6,676	- 6,676	- 74,049								
10	Union	2,497	2,510	2,510	2,267	2,510	2,429	2,510	2,429	2,510	2,510	2,429	2,510	29,623
11	Transcanada	-	10,808	10,808	9,762	10,808	10,459	10,808	10,459	10,808	10,808	10,459	10,808	116,792
12	Dominion	34,096	2,311	2,311	2,311	2,311	2,311	2,311	2,311	2,311	2,311	2,311	2,311	59,520
13 14	Transco National Fuel	6,618	6,618	6,618	5,977	6,618 4,663	6,404	6,618 4,663	6,404 4,663	6,618 4,663	6,618	6,404 4,663	6,618 4,663	78,129 55,955
14	Columbia	4,663 303,060	4,663 288,384	4,663 288,384	4,663 288,384	4,663 288,384	4,663 288,384	4,003 288,384	4,663 288,384	4,003 288,384	4,663 288,384	4,663 288,384	4,663 288,384	3,475,285
16	Hubline	-	74,203	74,203	74,203	74,203	74,203	74,203	74,203	74,203	74,203	74,203	74,203	816,234
17	Westerly Lateral	56,324	56,324	54,984	54,984	54,984	54,984	54,984	54,984	54,984	54,984	54,984	54,984	662,490
18	East to West	-	84,341	84,341	84,341	84,341	84,341	84,341	84,341	84,341	84,341	84,341	84,341	927,751
19 20	BG LNG Energy	303	-	-	-	-	-	-	-	-	-	-	-	303
20 21		-	-	-	-	-	-	-	-	-	-	-	-	-
22		-	-	-	-	-	-	-	-	-	-	-	-	-
23		-	-	-	-	-	-	-	-	-	-	-	-	-
24		-	-	-	-	-	-	-	-	-	-	-	-	-
25	Loop Credito from Milton Delegano	-	-	-	-	-	-	-	-	-	-	-	-	-
26 28	Less Credits from Mkter Releases TOTAL SUPPLY FIXED COSTS - Pipeline	(631,266) 2,641,473	(551,270) 2,388,609	(551,270) 2,387,270	(551,270) 2,385,341	(551,270) 2,387,270	(551,270) 2,386,627	(551,270) 2,387,270	(551,270) 2,386,627	(551,270) 2,387,270	(551,270) 2,387,270	(551,270) 2,386,627	(551,270) 2,387,270	(6,695,231) 28,898,922
29 30	Supply Fixed - Supplier Distrigas FCS													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 32	Total	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Total Supply Fixed (Pipeline & Supplier)	2,641,473	2,388,609	2,387,270	2,385,341	2,387,270	2,386,627	2,387,270	2,386,627	2,387,270	2,387,270	2,386,627	2,387,270	28,898,922
34	STORAGE FIXED COSTS - Facilities													
35	Texas Eastern SS-1 Demand	87,103	81,515	81,515	81,515	81,515	81,515	81,515	81,515	81,515	81,515	81,515	81,515	983,764
36 37	Texas Eastern SS-1 Capacity Texas Eastern FSS-1 Demand	-	13,361 845	146,975 9,294										
38	Texas Eastern FSS-1 Capacity	-	610	610	610	610	610	610	610	610	610	610	610	6,713
39	Dominion GSS Demand	83,387	21,424	21,424	21,424	21,424	21,424	21,424	21,424	21,424	21,424	21,424	21,424	319,050
40	Dominion GSS Capiacity	-	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	165,769
41	Dominion GSS-TE Demand	-	26,936	26,936	26,936	26,936	26,936	26,936	26,936	26,936	26,936	26,936	26,936	296,300
42 43	Dominion GSS-TE Capacity Tennessee FSMA Demand	- 49,804	19,957 32,600	219,524 408,407										
43	Tennessee FSMA Capacity	+9,004	17,204	17,204	17,204	17,204	17,204	17,204	17,204	17,204	17,204	17,204	17,204	189,241
45	Columbia FSS Demand	9,735	3,840	3,840	3,840	3,840	3,840	3,840	3,840	3,840	3,840	3,840	3,840	51,979
46	Columbia FSS Capacity	-	5,894	5,894	5,894	5,894	5,894	5,894	5,894	5,894	5,894	5,894	5,894	64,838
47	Keyspan LNG Tank Lease Payment	163,740	163,740	163,740	163,740	163,740	163,740	163,740	163,740	163,740	163,740	163,740	163,740	1,964,880
48	Iroquois	6,066	-	-	-	-	-	-	-	-	-	-	-	6,066
49 50		-	-	-	-	-	-	-	-	-	-	-	-	-
51		-	-	-	-	-	-	-	-	-	-	-	-	-
52		-	-	-	-	-	-	-	-	-	-	-	-	-
53		-	-	-	-	-	-	-	-	-	-	-	-	-
54 55		-	-	-	-	-	-	-	-	-	-	-	-	-
55 56	TOTAL FIXED STORAGE COSTS	- 399,835	402,997	402,997	402,997	402,997	- 402,997	402,997	402,997	402,997	402,997	402,997	402,997	4,832,800

••	5													
		Nov actual	Dec Fcst	<u>Jan</u> Fcst	Feb Fcst	<u>Mar</u> Fcst	Apr Fcst	<u>May</u> Fcst	<u>Jun</u> Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	Nov-Oct
	Projected Gas Costs using 1-15-12 NYMEX													
Line	rejected ous costs using r to the terminex													
No.														
57	STORAGE FIXED COSTS - Delivery													
58	Algonguin for TETCO SS-1	152,655	84,498	84.498	84.498	84,498	84,498	84.498	84,498	84,498	84,498	84.498	84,498	1,082,136
59	Algonguin delivery for FSS	-	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	62,066
60	TETCO delivery for FSS	-	4,964	4.964	4.964	4,964	4,964	4.964	4,964	4,964	4,964	4,964	4,964	54,599
61	Algonguin SCT for SS-1	-	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	17,489
62	Algonguin delivery for GSS, GSS-TE,	-	70,165	70,165	70.165	70,165	70.165	70,165	70,165	70,165	70,165	70,165	70,165	771,817
63	Algonguin SCT delivery for GSS-TE	-	447	447	447	447	447	447	447	447	447	447	447	4,918
64	Algonguin delivery for GSS Conv	-	20,168	20,168	20,168	20,168	20.168	20,168	20,168	20,168	20,168	20,168	20,168	221,845
65	Tennessee delivery for GSS	92,970	57,093	57,093	57,093	57,093	57,093	57,093	57,093	57,093	57,093	57,093	57,093	720,988
66	Tennessee delivery for FSMA	-	34,901	34,901	34,901	34,901	34,901	34,901	34,901	34,901	34,901	34,901	34,901	383,908
67	TETCO delivery for GSS	53,571	34,123	34,123	34,123	34,123	34,123	34,123	34,123	34,123	34,123	34,123	34,123	428,928
68	TETCO delivery for GSS-TE	-	3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	38,917
69	TETCO delivery for GSS-TE	-	34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	378,351
70	TETCO delivery for GSS Conv	-	10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	117,413
71	Dominion delivery for GSS Conv	-	8,871	8,871	8,871	8,871	8,871	8,871	8,871	8,871	8,871	8,871	8,871	97,576
72	Dominion delivery for GSS	-	22,914	22,914	22,914	22,914	22,914	22,914	22,914	22,914	22,914	22,914	22,914	252,059
73	Algonquin delivery for FSS	-	15,212	15,212	15,212	15,212	15,212	15,212	15,212	15,212	15,212	15,212	15,212	167,329
74	Columbia Delivery for FSS	15,396	15,033	15,033	15,033	15,033	15,033	15,033	15,033	15,033	15,033	15,033	15,033	180,762
75	Distrigas FLS call payment	125,383	-	351,668	351,668	351,665	125,383	125,383	125,383	125,383	125,383	125,383	125,383	2,058,063
76		-	-	-	-	-	-	-	-	-	-	-	-	-
77		-	-	-	-	-	-	-	-	-	-	-	-	-
78		-	-	-	-	-	-	-	-	-	-	-	-	-
79		-	-	-	-	-	-	-	-	-	-	-	-	-
80		-	-	-	-	-	-	-	-	-	-	-	-	-
81		-	-	-	-	-	-	-	-	-	-	-	-	-
82	STORAGE DELIVERY FIXED COST \$	439,975	424,228	775,896	775,896	775,893	549,611	549,611	549,611	549,611	549,611	549,611	549,611	7,039,164
83	TOTAL STORAGE FIXED	839,810	827,225	1,178,893	1,178,893	1,178,890	952,608	952,608	952,608	952,608	952,608	952,608	952,608	11,871,965
84	TOTAL FIXED COSTS	3,481,283	3,215,834	3,566,162	3,564,233	3,566,159	3,339,235	3,339,878	3,339,235	3,339,878	3,339,878	3,339,235	3,339,878	40,770,887

Schedule 2

		<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	Feb Fcst	<u>Mar</u> Fcst	<u>Apr</u> Fcst	<u>May</u> Fcst	<u>Jun</u> Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	<u>Oct</u> Fcst	Nov-Oct
Line No.	Projected Gas Costs using 1-15-12 NYMEX													
85	VARIABLE SUPPLY COSTS (Includes Injections	-	-	-	-	-	-	-	-	-	-	-	-	
86	Tennessee Zone 0	-	748,416	606,425	688,758	469,794	415,618	236,704	155,668	-	-	-	-	
87	Tennessee Zone 1	-	1,541,791	1,250,469	1,439,783	986,796	879,704	496,679	321,996	-	-	-	-	
88	Tennessee Connexion	-	1,355,141	1,232,652	1,140,768	1,265,990	1,230,589	1,289,963	1,268,289	1,331,167	1,340,532	1,298,739	1,349,896	
89	Tennessee Dracut	-	208,377	-	-	-	-	71,250	-	-	-	-	-	
90	TETCO STX	-	423,866	544,882	448,208	-	279,748	290,173	184,988	53,178	11,078	10,748	11,169	
91	TETCO ELA	-	949,714	1,226,061	1,005,925	-	627,901	650,641	416,206	118,708	24,755	24,023	24,996	
92	TETCO WLA	-	660,532	843,413	692,845	-	433,465	449,156	284,863	82,012	17,088	16,583	17,254	
93	TETCO ETX	-	276,766	355,662	293,271	-	183,829	189,776	122,143	35,300	7,239	7,066	7,404	
94	TETCO NF	-	53,389	69,782	57,037	-	35,737	36,970	23,592	6,721	1,400	1,358	1,412	
95	M3 Delivered	-	1,341,738	918,064	536,144	4,148,398	1,945,246	1,911,429	100,916	-	-	112,104	1,970,035	
96	Maumee	-	4,518,657	4,104,590	3,814,364	4,208,519	2,829,249	303,853	383,312	6,409	-	-	159,469	
97	Broadrun Col	-	1,151,904	1,048,008	967,897	1,061,644	1,044,662	1,102,113	1,074,548	935,992	942,801	1,082,491	1,117,447	
98	Columbia Eagle and Downingtown	_	-	-	-	1,001,044	1,044,002	-	-	-	342,001	1,002,401	-	
99	Transco Zone 2	-	15,897	14,520	13,377			_	-	-			_	
100	Dominion to TETCO FTS	-	32,534	42,518	34,754		21,775	22,527	14,376	4,095	853	828	860	
100	Transco Zone 3	_	347	316	293	_	21,775	22,521	-	-,000	-	-	-	
101	ANE to Tennessee	_	135,514	121,456	112,492	124,802		_	_				_	
102	Niagara to Tennessee	-	13,590	-	-	124,002	121,171	-	-				-	
103	TETCO to B & W	-	123,224	161,282	131,770	-	82,294	- 85.117	54,302	15,467	3.222	3,126	3,249	
		-	-	-	-	-	02,294	65,117	54,502	15,407	3,222	3,120	5,249	
105	DistriGas FCS	-				-	-	-	-	-	-	-	-	
106	Hubline	-	665,987	687,203	543,329	-	-	-	-	-	-	-	-	
107	Tatal Dinalina Commodity Charges	8,305,455	14,217,383	13,227,304	11,921,014	12,265,942	10,130,986	7,136,350	4,405,200	2,589,049	2,348,968	2,557,066	4,663,191	93,767,909
107	Total Pipeline Commodity Charges		2,828,194	4,450,229	3,205,712	3,437,913	2,260,899					, ,	, ,	
108	Hedging Settlements and Amortization	2,541,311	2,828,194	4,450,229	3,205,712	3,437,913	2,260,899	1,589,124	1,075,090	783,793	621,584	461,443	399,645	23,654,936
109	Hedging Contracts - Commission & Other Fees	6,123	-	-	-	-	-	-	-	-	-	-	-	6,123
110	Hedging Contracts - Net Carry of Collateral	634	-	-	-	-	-	-	-	-	-	-	-	634
111	Refunds (Tennessee)	-	-	-	-	-	-	-	-	-	-	-	-	-
112	Less: Costs of Injections	-	-	-	-	-	(2,905,979)	(3,057,024)	(2,051,764)	(487,693)	(186,280)	(185,931)	(66,293)	(8,940,964)
113	TOTAL VARIABLE SUPPLY COSTS	10,853,523	17,045,577	17,677,533	15,126,726	15,703,856	9,485,905	5,668,450	3,428,526	2,885,150	2,784,272	2,832,578	4,996,542	108,488,638
114	Underground Storage	1,623,493	1,611,095	6,922,920	5,134,424	245,598	-	-	-	-	-	-	112,685	15,650,215
115	LNG Withdrawals and Trucking	160,767	510,215	350,598	201,062	109,212	105,291	109,212	108,710	115,127	115,127	110,994	115,499	2,111,812
116	Storage Delivery Costs	-	34,268	174,468	136,135	5,721	-	-	-	-	-	-	4,682	355,274
	clorage Derivery Coold		0-1,200	174,400	100,100	0,721							4,002	000,214
117	TOTAL VARIABLE STORAGE COSTS	1,784,260	2,155,578	7,447,986	5,471,620	360,531	105,291	109,212	108,710	115,127	115,127	110,994	232,866	18,117,300
118	TOTAL VARIABLE STORAGE COSTS	1,704,200	2,133,370	1,441,300	3,471,020	300,331	105,231	103,212	100,710	113,127	113,127	110,334	232,000	10,117,300
110	TOTAL VARIABLE COSTS	12,637,784	19,201,155	25,125,519	20,598,346	16,064,386	9,591,197	5,777,662	3,537,236	3,000,276	2,899,398	2,943,572	5,229,408	126,605,938
113	TOTAL PARADLE COULD	12,001,104	10,201,100	20,120,010	20,000,040	10,004,000	3,331,137	3,111,002	3,331,230	5,000,270	2,003,000	2,070,012	5,223,400	120,000,000
120	TOTAL SUPPLY COSTS	16,119,067	22.416.989	28.691.681	24,162,579	19.630.546	12.930.431	9,117,540	6,876,471	6,340,154	6,239,276	6,282,806	8,569,285	167,376,825
120		. 5, 1 10,007	,- 10,000	20,001,001	21,102,010	. 5,000,040	. 2,000,401	3,117,040	3,010,411	5,040,104	5,200,210	5,202,000	3,000,200	,

Schedule 2 Page 3 of 4

		<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	Feb Fcst	<u>Mar</u> Fcst	Apr Fcst	<u>May</u> Fcst	Jun Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	Nov-Oct
Line No.	Projected Gas Costs using 1-15-12 NYMEX													
121	Storage Costs for FT-2 Calculation	-	-	-	-	-	-	-	-	-	-	-	-	
122	Storage Fixed Costs - Facilities	\$399,835	\$402,997	\$402.997	\$402,997	\$402,997	\$402.997	\$402,997	\$402,997	\$402.997	\$402,997	\$402,997	\$402,997	\$4,832,800
123	Storage Fixed Costs - Deliveries	\$439,975	\$424,228	\$775,896	\$775,896	\$775,893	\$549,611	\$549,611	\$549,611	\$549,611	\$549,611	\$549,611	\$549,611	\$7,039,164
124	sub-total Storage Costs	\$839,810	\$827,225	\$1,178,893	\$1,178,893	\$1,178,890	\$952,608	\$952,608	\$952,608	\$952,608	\$952,608	\$952,608	\$952,608	\$11,871,965
125	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)
126	Inventory Financing	\$218,843	\$172,038	\$138,796	\$114,579	\$112,601	\$132,207	\$161,071	\$181,344	\$183,580	\$183,882	\$187,478	\$187,195	\$1,973,614
127	Supply related LNG O&M Costs	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$618,591
128	Working Capital Requirement	\$22,600	\$20,840	\$23,163	\$23,150	\$23,163	\$21,658	\$21,662	\$21,658	\$21,662	\$21,662	\$21,658	\$21,662	\$264,538
129	Total FT-2 Storage Fixed Costs	\$1,008,736	\$947,586	\$1,268,335	\$1,244,105	\$1,242,136	\$1,033,956	\$1,062,825	\$1,083,093	\$1,085,334	\$1,085,636	\$1,089,227	\$1,088,949	\$13,239,918
130	System Storage MDQ (Dth)	154,334	154,334	154,334	154,334	154,334	154,334	154,334	154,334	154,334	154,334	154,334	154,334	1,852,008
131	FT-2 Storage Cost per MDQ (Dth)	\$6.5361	\$6.1398	\$8.2181	\$8.0611	\$8.0484	\$6.6995	\$6.8865	\$7.0178	\$7.0324	\$7.0343	\$7.0576	\$7.0558	\$7.1490
132	Pipeline Variable	12,637,784	19,201,155	25,125,519	20,598,346	16,064,386	9,591,197	5,777,662	3,537,236	3,000,276	2,899,398	2,943,572	5,229,408	126,605,938
133	Less Non-firm Gas Costs	(79,475)	-	-	-	-	-	-	-	-	-	-	-	(79,475)
134	Less Company Use	(15,192)	-	-	-	-	-	-	-	-	-	-	-	(15,192)
135	Less Manchester St Balancing	1,632,416	-	-	-	-	-	-	-	-	-	-	-	1,632,416
136	Plus Cashout	-	-	-	-	-	-	-	-	-	-	-	-	-
137	Less Mkter W/drawals/Injections	(297,365)	-	-	-	-	-	-	-	-	-	-	-	(297,365)
138	Mkter Over-takes/Undertakes	118,183	-	-	-	-	-	-	-	-	-	-	-	118,183
139	Plus Pipeline Srchg/Credit	174,700	-	-	-	-	-	-	-	-	-	-	-	174,700
140	TOTAL FIRM COMMODITY COSTS	14,171,052	19,201,155	25,125,519	20,598,346	16,064,386	9,591,197	5,777,662	3,537,236	3,000,276	2,899,398	2,943,572	5,229,408	128,139,207

#### National Grid Rhode Island - Gas

den conections													
	<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	<u>Feb</u> Fcst	<u>Mar</u> Fcst	Apr Fcst	<u>May</u> Fcst	<u>Jun</u> Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	Nov-Oct
I. Fixed Cost Collections													
(a) Low Load dth Storage Fixed Cost Factor Low Load collections	1,309,186 \$1.3853 \$1,813,559	2,723,502 \$1.8206 \$4,958,408	4,166,467 \$1.8206 \$7,585,470	4,228,233 \$1.8206 \$7,697,920	3,686,802 \$1.8206 \$6,712,191	2,687,641 \$1.8206 \$4,893,119	1,639,730 \$1.8206 \$2,985,292	898,293 \$1.8206 \$1,635,432	613,489 1.8206 \$1,116,918	542,095 1.8206 \$986,938	559,308 1.8206 \$1,018,276	698,513 1.8206 \$1,271,713	23,753,259 \$42,675,236
(b) High Load dth Storage Fixed Cost Factor High Load collections	87,767 \$1.0800 \$94,791	98,544 \$1.3509 \$133,124	118,511 \$1.3509 \$160,096	117,456 \$1.3509 \$158,672	104,773 \$1.3509 \$141,538	84,662 \$1.3509 \$114,371	78,651 \$1.3509 \$106,249	60,203 \$1.3509 \$81,328	54,375 1.3509 \$73,455	52,302 1.3509 \$70,654	55,856 1.3509 \$75,456	54,745 1.3509 \$73,955	967,846 \$1,283,689
sub-total throughput Dth	1,396,953	2,822,047	4,284,978	4,345,689	3,791,575	2,772,304	1,718,381	958,496	667,864	594,397	615,165	753,258	24,721,104
FT-2 for activity in Oct-12- Fixed	\$39,381												\$39,381
TOTAL Fixed Collections	\$1,947,731	\$5,091,532	\$7,745,566	\$7,856,592	\$6,853,729	\$5,007,490	\$3,091,541	\$1,716,760	\$1,190,373	\$1,057,592	\$1,093,732	\$1,345,668	\$43,998,306
II. Variable Cost Collections													
(a) Firm Sales dth Variable Supply Cost Factor Variable Supply collections	1,396,953 \$5.8555 \$8,179,821	2,822,047 \$4.6898 \$13,234,835	4,284,978 \$4.6898 \$20,095,688	4,345,689 \$4.6898 \$20,380,411	3,791,575 \$4.6898 \$17,781,727	2,772,304 \$4.6898 \$13,001,550	1,718,381 \$4.6898 \$8,058,861	958,496 \$4.6898 \$4,495,153	667,864 \$4.6898 \$3,132,149	594,397 \$4.6898 \$2,787,602	615,165 \$4.6898 \$2,884,999	753,258 \$4.6898 \$3,532,630	24,721,104 \$117,565,426
(b) TSS Sales dth TSS Variable Supply Cost F. TSS Surcharge collections													- \$0
(c) Default Sales dth Variable Supply Cost Factor Variable Supply collections	1,820 \$7.7013 \$14,017	0 \$0.0000 \$0	0 \$0.0000 \$0	0 \$0.0000 \$0	0 \$0.0000 \$0	0 \$0.0000 \$0	0 \$0.0000 \$0	0 \$0.0000 \$0	- \$0.0000 \$0	- \$0.0000 \$0	- \$0.0000 \$0	- \$0.0000 \$0	1,820 \$14,017
(d) Peaking Gas Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(e) Deferred Responsibility	130	-	-	-	-	-	-	-	-	-	-	-	\$130
FT-2 for activity in Oct-12- Variable	\$3,699												\$3,699
TOTAL Variable Collections	\$8,197,667	\$13,234,835	\$20,095,688	\$20,380,411	\$17,781,727	\$13,001,550	\$8,058,861	\$4,495,153	\$3,132,149	\$2,787,602	\$2,884,999	\$3,532,630	\$117,583,272
Total Gas Cost Collections (w/o FT-2)	\$10,145,397	\$18,326,367	\$27,841,254	\$28,237,003	\$24,635,456	\$18,009,040	\$11,150,402	\$6,211,913	\$4,322,522	\$3,845,194	\$3,978,731	\$4,878,298	\$161,581,577

#### WORKING CAPITAL

		<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	Feb Fcst	<u>Mar</u> Fcst	Apr Fcst	<u>May</u> Fcst	Jun Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	<u>Nov-Oct</u>
Line No.														
1 2 3 4 5	Supply Fixed Costs Less: LNG Demand to DAC Plus: Supply Related LNG O&M Costs Total Adjustments Allowable Working Capital Costs	\$3,481,283 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,408,767	\$3,215,834 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,143,318	\$3,566,162 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,493,646	\$3,564,233 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,491,717	\$3,566,159 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,493,643	\$3,339,235 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,266,718	\$3,339,878 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,267,361	\$3,339,235 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,266,718	\$3,339,878 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,267,361	\$3,339,878 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,267,361	\$3,339,235 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,266,718	\$3,339,878 (\$124,066) \$51,549 <u>(\$72,517)</u> \$3,267,361	\$40,770,887 (\$1,488,790) \$618,591 <u>(\$870,199)</u> \$39,900,688
6	Number of Days Lag	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
7 8 9	Cost of Capital Return on Working Capital Requirement	\$227,874 7.22% \$16,452	\$210,129 7.22% \$15,171	\$233,548 7.22% \$16,862	\$233,419 7.22% \$16,853	\$233,548 7.22% \$16,862	\$218,378 7.22% \$15,767	\$218,421 7.22% \$15,770	\$218,378 7.22% \$15,767	\$218,421 7.22% \$15,770	\$218,421 7.22% \$15,770	\$218,378 7.22% \$15,767	\$218,421 7.22% \$15,770	
	Weighted Cost of Debt Interest Expense	2.21% \$5,036	2.21% \$4,644	2.21% \$5,161	2.21% \$5,159	2.21% \$5,161	2.21% \$4,826	2.21% \$4,827	2.21% \$4,826	2.21% \$4,827	2.21% \$4,827	2.21% \$4,826	2.21% \$4,827	
13	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	\$11,416 0.65 \$17,564	\$10,527 0.65 \$16,196	\$11,701 0.65 \$18,001	\$11,694 0.65 \$17,991	\$11,701 0.65 \$18,001	\$10,941 0.65 \$16,832	\$10,943 0.65 \$16,835	\$10,941 0.65 \$16,832	\$10,943 0.65 \$16,835	\$10,943 0.65 \$16,835	\$10,941 0.65 \$16,832	\$10,943 0.65 \$16,835	
15	Supply Fixed Working Capital Requirement	\$ <u>22,600</u>	\$ <u>20,840</u>	\$ <u>23,163</u>	\$ <u>23,150</u>	\$ <u>23,163</u>	\$ <u>21,658</u>	\$ <u>21,662</u>	\$ <u>21,658</u>	\$ <u>21,662</u>	\$ <u>21,662</u>	\$ <u>21,658</u>	\$ <u>21,662</u>	\$ <u>264,538</u>
16 17 18 19 20	Less: Balancing Related LNG Commodity (to DAC) Plus: Supply Related LNG O&M Costs	\$14,171,052 0 35,844 <u>\$35,844</u> \$14,206,896	\$19,201,155 0 35,844 <u>\$35,844</u> \$19,236,999	\$25,125,519 0 35,844 <u>\$35,844</u> \$25,161,363	\$20,598,346 0 35,844 <u>\$35,844</u> \$20,634,190	\$16,064,386 0 35,844 <u>\$35,844</u> \$16,100,230	\$9,591,197 0 35,844 <u>\$35,844</u> \$9,627,041	\$5,777,662 0 35,844 <u>\$35,844</u> \$5,813,506	\$3,537,236 0 35,844 <u>\$35,844</u> \$3,573,080	\$3,000,276 0 35,844 <u>\$35,844</u> \$3,036,120	\$2,899,398 0 35,844 <u>\$35,844</u> \$2,935,243	\$2,943,572 0 35,844 <u>\$35,844</u> \$2,979,416	\$5,229,408 0 35,844 <u>\$35,844</u> \$5,265,252	\$128,139,207 \$0 \$430,129 <u>\$430,129</u> \$128,569,336
21	Number of Days Lag	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
22 23 24		\$949,721 7.22% \$68,570	\$1,285,980 7.22% \$92,848	\$1,682,020 7.22% \$121,442	\$1,379,381 7.22% \$99,591	\$1,076,289 7.22% \$77,708	\$643,561 7.22% \$46,465	\$388,629 7.22% \$28,059	\$238,858 7.22% \$17,246	\$202,963 7.22% \$14,654	\$196,219 7.22% \$14,167	\$199,172 7.22% \$14,380	\$351,978 7.22% \$25,413	
25 26		2.21% \$20,989	2.21% \$28,420	2.21% \$37,173	2.21% \$30,484	2.21% \$23,786	2.21% \$14,223	2.21% \$8,589	2.21% \$5,279	2.21% \$4,485	2.21% \$4,336	2.21% \$4,402	2.21% \$7,779	
27 28 29	1 - Combined Tax Rate	\$47,581 0.65 \$73,202	\$64,428 0.65 \$99,119	\$84,269 0.65 \$129,645	\$69,107 0.65 \$106,318	\$53,922 0.65 \$82,957	\$32,242 0.65 \$49,604	\$19,470 0.65 \$29,954	\$11,967 0.65 \$18,410	\$10,168 0.65 \$15,644	\$9,831 0.65 \$15,124	\$9,979 0.65 \$15,352	\$17,634 0.65 \$27,129	
30	Supply Variable Working Capital Requirement	\$ <u>94,190</u>	\$ <u>127,540</u>	\$ <u>166,818</u>	\$ <u>136,803</u>	\$ <u>106,743</u>	\$ <u>63,826</u>	\$ <u>38,543</u>	\$ <u>23,689</u>	\$ <u>20,129</u>	\$ <u>19,460</u>	\$ <u>19,753</u>	\$ <u>34,908</u>	\$ <u>852,403</u>

		<u>Nov</u> actual	Dec Fcst	<u>Jan</u> Fcst	<u>Feb</u> Fcst	<u>Mar</u> Fcst	Apr Fcst	<u>Mav</u> Fcst	<u>Jun</u> Fcst	<u>Jul</u> Fcst	Aug Fcst	<u>Sep</u> Fcst	Oct Fcst	<u>Nov-Oct</u>
Line <u>No.</u> 1 2 3 4 5	Description Storage Inventory Balance Monthly Storage Deferral/Amortization Subtotal Cost of Capital Return on Working Capital Requirement	\$15,445,080 \$6,895,035 <b>\$22,340,115</b> 7.22% \$1,612,956	\$16,458,019 \$0 <b>\$16,458,019</b> 7.22% \$1,188,269	\$12,786,571 \$0 <b>\$12,786,571</b> 7.22% \$923,190	\$10,057,438 \$0 <b>\$10,057,438</b> 7.22% \$726,147	\$9,927,277 \$0 <b>\$9,927,277</b> 7.22% \$716,749	\$12,404,846 \$0 <b>\$12,404,846</b> 7.22% \$895,630	\$14,995,982 \$0 <b>\$14,995,982</b> 7.22% \$1,082,710	\$16,698,544 \$0 <b>\$16,698,544</b> 7.22% \$1,205,635	\$17,084,311 \$0 <b>\$17,084,311</b> 7.22% \$1,233,487	\$17,235,932 \$0 <b>\$17,235,932</b> 7.22% \$1,244,434	\$17,397,884 \$0 <b>\$17,397,884</b> 7.22% \$1,256,127	\$17,346,745 \$0 <b>\$17,346,745</b> 7.22% \$1,252,435	\$13,337,771
6 7	Weighted Cost of Debt Interest Charges Financed	2.21% \$493,717	2.21% \$363,722	2.21% \$282,583	2.21% \$222,269	2.21% \$219,393	2.21% \$274,147	2.21% \$331,411	2.21% \$369,038	2.21% \$377,563	2.21% \$380,914	2.21% \$384,493	2.21% \$383,363	\$4,082,614
8 9 10	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	\$1,119,240 0.65 \$1,721,907	\$824,547 0.65 \$1,268,533	\$640,607 0.65 \$985,550	\$503,878 0.65 \$775,196	\$497,357 0.65 \$765,164	\$621,483 0.65 \$956,127	\$751,299 0.65 \$1,155,844	\$836,597 0.65 \$1,287,072	\$855,924 0.65 \$1,316,806	\$863,520 0.65 \$1,328,493	\$871,634 0.65 \$1,340,975	\$869,072 0.65 \$1,337,034	\$14,238,702
11 12	Working Capital Requirement Monthly Average	\$2,215,624 \$184,635	\$1,632,256 \$136,021	\$1,268,133 \$105,678	\$997,466 \$83,122	\$984,557 \$82,046	\$1,230,274 \$102,523	\$1,487,255 \$123,938	\$1,656,110 \$138,009	\$1,694,369 \$141,197	\$1,709,407 \$142,451	\$1,725,469 \$143,789	\$1,720,397 \$143,366	\$18,321,316 \$1,526,776
13 14 15	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	\$4,139,002 7.22% \$298,836	\$4,357,827 7.22% \$314,635	\$4,007,229 7.22% \$289,322	\$3,806,168 7.22% \$274,805	\$3,696,956 7.22% \$266,920	\$3,591,665 7.22% \$259,318	\$4,492,960 7.22% \$324,392	\$5,243,279 7.22% \$378,565	\$5,128,152 7.22% \$370,253	\$5,013,026 7.22% \$361,940	\$5,286,166 7.22% \$381,661	\$5,303,072 7.22% \$382,882	\$3,903,529
16 17	Weighted Cost of Debt Interest Charges Financed	2.21% \$91,472	2.21% \$96,308	2.21% \$88,560	2.21% \$84,116	2.21% \$81,703	2.21% \$79,376	2.21% \$99,294	2.21% \$115,876	2.21% \$113,332	2.21% \$110,788	2.21% \$116,824	2.21% \$117,198	\$1,194,848
18 19 20	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	\$207,364 0.65 \$319,022	\$218,327 0.65 \$335,888	\$200,762 0.65 \$308,865	\$190,689 0.65 \$293,368	\$185,217 0.65 \$284,950	\$179,942 0.65 \$276,834	\$225,097 0.65 \$346,304	\$262,688 0.65 \$404,136	\$256,920 0.65 \$395,262	\$251,153 0.65 \$386,389	\$264,837 0.65 \$407,441	\$265,684 0.65 \$408,744	\$4,167,203
21	Working Capital Requirement	\$410,494	\$432,196	\$397,425	\$377,484	\$366,653	\$356,210	\$445,598	\$520,012	\$508,594	\$497,176	\$524,266	\$525,942	\$5,362,050
22	Monthly Average	\$34,208	\$36,016	\$33,119	\$31,457	\$30,554	\$29,684	\$37,133	\$43,334	\$42,383	\$41,431	\$43,689	\$43,829	\$446,838
23	System Balancing Factor	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Balancing Related Inventory Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	Supply Related Inventory Costs	\$34,208	\$36,016	\$33,119	\$31,457	\$30,554	\$29,684	\$37,133	\$43,334	\$42,383	\$41,431	\$43,689	\$43,829	\$446,838
26	TOTAL GCR Inventory Financing Costs	\$218,843	\$172,038	\$138,796	\$114,579	\$112,601	\$132,207	\$161,071	\$181,344	\$183,580	\$183,882	\$187,478	\$187,195	\$1,973,614

#### Actual Dt Usage for Filing

		Nov actual	Dec Fcst	Jan Fcst	Feb Fcst	<u>Mar</u> Fcst	Apr Fcst	May Fcst	Jun Fcst	Jul Fcst	Aug Fcst	Sep Fcst	Oct Fcst	Nov-Oct
Line														
<u>No.</u>	<u>Rate Class</u> (a)													
1	SALES (dth)													
2	Residential Non-Heating	45,986	59,594	78,573	77,377	66,696	52,095	46,325	34,178	29,995	27,280	27,901	28,447	574,447
3	Residential Non-Heating Low Income	1,703	0	0	0	0	0	0	0	0	0	0	0	1,703
4 5	Residential Heating Residential Heating Low Income	902,551 94,997	2,058,633 0	3,053,892 0	3,108,191 0	2,680,218 0	1,998,463 0	1,232,855 0	674,166 0	443,392 0	388,331 0	399,794 0	515,751 0	17,456,236 94,997
6	Small C&I	106,317	254,777	460,531	442,493	396,614	264,475	142,278	71,605	53,665	47,990	48,259	48,988	2,337,993
7	Medium C&I	157,402	321,417	519,131	539,951	483,907	330,411	217,747	126,281	99,812	92,066	97,084	111,258	3,096,466
8	Large LLF	32,445	79,494	120,029	125,067	113,419	85,261	41,244	22,552	14,944	12,089	12,648	20,290	679,482
9	Large HLF	19,644	21,377	27,399	24,235	24,333	20,881	19,186	13,244	13,661	14,634	16,000	14,038	228,632
10 11	Extra Large LLF Extra Large HLF	6,035 17,828	9,181 17,573	12,885 12,539	12,530 15,845	12,644 13,744	9,031 11,686	5,606 13,141	3,688 12,780	1,676 10,719	1,620 10,388	1,523 11,956	2,227 12,260	78,645 160,458
12	Total Sales	1,384,909	2,822,047	4,284,978	4,345,689	3,791,575	2,772,304	1,718,381	958,496	667,864	594,397	615,165	753,258	24,709,060
13	TSS													
14	Small	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Medium	4,389	0	0	0	0	0	0	0	0	0	0	0	4,389
16 17	Large LLF Large HLF	5,050 2,606	0	0	0	0	0	0 0	0	0	0 0	0	0	5,050 2,606
18	Extra Large LLF	2,000	0	0	0	0	0	0	0	0	0	0	0	2,000
19	Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Total TSS	12,045	0	0	0	0	0	0	0	0	0	0	0	12,045
21	Sales & TSS THROUGHPUT													
22	Residential Non-Heating	45,986	59,594	78,573	77,377	66,696	52,095	46,325	34,178	29,995	27,280	27,901	28,447	574,447
23	Residential Non-Heating Low Income	1,703	0	0	0	0	0	0	0	0	0	0	0	1,703
24 25	Residential Heating	902,551 94,997	2,058,633	3,053,892 0	3,108,191 0	2,680,218 0	1,998,463 0	1,232,855 0	674,166 0	443,392 0	388,331	399,794 0	515,751 0	17,456,236 94,997
25	Residential Heating Low Income Small C&I	106,317	0 254,777	460,531	442,493	396,614	264,475	142,278	71,605	53,665	0 47,990	48,259	48,988	2,337,993
27	Medium C&I	161,791	321,417	519,131	539,951	483,907	330,411	217,747	126,281	99,812	92,066	97,084	111,258	3,100,855
28	Large LLF	37,495	79,494	120,029	125,067	113,419	85,261	41,244	22,552	14,944	12,089	12,648	20,290	684,532
29	Large HLF	22,250	21,377	27,399	24,235	24,333	20,881	19,186	13,244	13,661	14,634	16,000	14,038	231,238
30 31	Extra Large LLF Extra Large HLF	6,035 17,828	9,181 17,573	12,885 12,539	12,530 15,845	12,644 13,744	9,031 11,686	5,606 13,141	3,688 12,780	1,676 10,719	1,620 10,388	1,523 11,956	2,227 12,260	78,645 160,458
32	Total Sales & TSS Throughput	1,396,953	2,822,047	4,284,978	4,345,689	3,791,575	2,772,304	1,718,381	958,496	667,864	594,397	615,165	753,258	24,721,104
33	FT-1 TRANSPORTATION													
34	FT-1 Medium	50,249	104,616	100,799	116,392	78,431	58,267	35,837	31,717	27,590	30,317	32,063	44,379	710,655
35	FT-1 Large LLF	73,300	160,912	187,148	175,061	147,149	100,655	35,931	26,084	19,007	18,700	23,103	48,557	1,015,607
36 37	FT-1 Large HLF FT-1 Extra Large LLF	38,036 89,466	47,549 147,424	45,469 160,905	53,143 156,041	51,539 130,124	38,283 84,853	35,595 38,595	31,525 18,532	28,811 15,411	30,886 15,140	31,785 20,782	29,909 46,507	462,530 923,780
38	FT-1 Extra Large HLF	404,407	461,895	413,052	395,881	361,317	316,597	360,402	346,610	351,098	355,559	374,067	348,864	4,489,749
39	Default	1,820	0	0	0	0	0	0	0	0	0	0	0	1,820
40	Total FT-1 Transportation	657,279	922,394	907,373	896,517	768,560	598,655	506,360	454,467	441,917	450,601	481,800	518,216	7,604,141
41	FT-2 TRANSPORTATION	<u>,</u>	0	<u>,</u>	<u>_</u>	0		0		<u>,</u>		0	0	^
1 42	FT-2 Small FT-2 Medium	0 78,225	0 159,599	0 219,045	0 234,859	0 204,413	0 151,837	0 105,327	0 68,711	0 55,908	0 50,329	0 59,272	0 57,359	0 1,444,883
43	FT-2 Large LLF	55,167	110,429	167,936	167,051	155,037	122,409	66,369	40,157	19,655	15,980	19,047	29,944	969,180
44	FT-2 Large HLF	19,673	23,975	27,099	26,494	27,954	22,743	19,797	15,478	13,152	14,036	14,742	14,350	239,491
45	FT-2 Extra Large LLF	381	5,220	8,530	7,548	6,718	5,357	3,709	1,489	1,425	1,446	1,414	1,359	44,596
46 47	FT-2 Extra Large HLF Total FT-2 Transportation	15,003 168,448	10,540 309,764	16,390 438,999	13,759 449,710	13,375 407,496	12,647 314,992	16,583 211,785	13,581 139,415	9,378 99,519	13,944 95,734	10,967 105,441	10,056 113,068	156,222 2,854,371
48	Total THROUGHPUT													
40	Residential Non-Heating	45,986	59,594	78,573	77,377	66,696	52,095	46,325	34,178	29,995	27,280	27,901	28,447	574,447
50	Residential Non-Heating Low Income	1,703	0	0	0	0	0	0	0	0	0	0	0	1,703
51	Residential Heating	902,551	2,058,633	3,053,892	3,108,191	2,680,218	1,998,463	1,232,855	674,166	443,392	388,331	399,794	515,751	17,456,236
52 52	Residential Heating Low Income	94,997	0	0 460,531	0	0	0	0	0	0	0 47,990	0	0	94,997
53 54	Small C&I Medium C&I	106,317 212,040	254,777 585,632	460,531 838,975	442,493 891,201	396,614 766,750	264,475 540,515	142,278 358.911	71,605 226,708	53,665 183,310	47,990	48,259 188,419	48,988 212,996	2,337,993 5,178,168
55	Large LLF	110,795	350,835	475,113	467,179	415,605	308,325	143,544	88,793	53,607	46,769	54,797	98,791	2,614,152
56	Large HLF	60,287	92,901	99,967	103,872	103,826	81,907	74,577	60,247	55,624	59,555	62,527	58,297	913,586
57	Extra Large LLF	95,501	161,825	182,320	176,119	149,486	99,241	47,910	23,709	18,513	18,206	23,719	50,092	1,046,640
58	Extra Large HLF	422,235	490,008 0	441,981 0	425,484 0	388,437 0	340,930 0	390,126 0	372,971 0	371,195 0	379,890 0	396,990 0	371,180 0	4,791,426
59 60	Default Total Throughput	1,820 2,054,233	4,054,205	5,631,350	5,691,916	4,967,631	3,685,951	2,436,526	1,552,377	1,209,300	1,140,732	1,202,406	1,384,542	1,820 35,011,169