



June 23, 2009

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

RE: Docket 3982 – National Grid, Gas Cost Recovery ("GCR")

Monthly Filing of GCR Deferred Balances

Dear Ms. Massaro:

Enclosed please find an original and nine copies of National Grid's monthly filing of gas costs and gas cost revenue collections data. Based on seven months of actual data, and five months of projected data, the October 31, 2009 deferred gas cost balance is an under-collection of \$12.2 million (see attached Schedule 1, page 2). This calculation is based on the November 1, 2008 starting balance of a \$5.3 million under-collection, plus actual gas costs and gas cost collections for November 2008 through May 2009 along with projected costs for June through October 2009. These projected costs are updated to reflect the June 22, 2009 NYMEX strip and the implementation of in-sourcing. In addition a proportionate amount of hedging costs has been allocated to the costs of storage to reflect the inclusion of storage quantities in the hedging program. The change in the projected balance compared to last month's report is driven by three major factors, including 1) an approximately \$1 million increase in gas cost for May; 2) an under-collection of revenues for the month of approximately \$3 million; and 3) a projected increase in forecasted gas costs of approximately \$8 million for the June to October 2009 timeframe.

Details are provided on the attached schedules. Schedule 1, pages 1 and 2, summarizes the deferred gas cost activity by GCR category and by month. The Schedule 1 summary shows that for the month of May 2009 the Company incurred actual gas costs of \$11.1 million, working capital of \$83 thousand and GCR revenue collections of \$16.6 million, for a net over-collection of \$5.4 million. Schedule 2 provides a breakdown of actual gas costs for November 2008 through May 2009 and projected gas costs for June through October 2009. Schedule 3 summarizes actual gas cost revenue collections for November 2008. Schedule 4 summarizes actual gas cost revenue collections for December 2008 through May 2009 and projected gas cost revenue collections for June through October 2009. Schedule 5 shows the calculation of inventory finance charges. The calculation of working capital is presented on pages 1 and 2 of Schedule 6. Schedule 7 presents customer class specific throughput. Thank you for your attention to this matter.

If you have any questions, please do not hesitate to contact me at (401) 784-7667 or Gary Beland at (401) 784-7156.

Very truly yours,

Thomas R. Teehan

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Enclosures

cc: Docket 3982 Service List

Docket No. 3982 – National Grid – Annual Gas Cost Recovery Filing ("GCR") - Service List as of 1/28/09

Name/Address	E-mail	Phone/FAX
Thomas R. Teehan, Esq.	Thomas.teehan@us.ngrid.com	401-784-7667
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Revilo Hill Associates		
7103 Laketree Drive		
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Luly E. Massaro, Commission Clerk		401-941-1691
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	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov - Oct
	30	31	31	28	31	30	31	30	31	31	30	31	365
	actual	actual	actual	actual	actual	actual	actual	forecast	forecast	forecast	forecast	forecast	
I. Supply Fixed Cost Deferred													
Beginning Balance	(\$2,203,784)	(\$1,873,133)	(\$2.660.560)	(\$4,537,969)	(\$6.288.682)	(\$7,564,780)	(\$8,132,795)	(\$6,714,569)	(\$5,062,411)	(\$3,108,387)	(\$1,060,494)	\$911.764	
Supply Fixed Costs (net of cap rel)	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$2,504,685	\$2,505,794	\$2,505,794	\$2,504,685	\$2,505,794	\$26,375,302
Capacity Release	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	\$15.844	\$15,307	\$12,547	\$15,289	\$13,407	\$13,470	\$19,771	\$19.105	\$19.114	\$19.114	\$19.105	\$19.114	\$201.186
Total Supply Fixed Costs	\$2,093,022	\$2,021,982	\$1.657.488	\$2,019,613	\$1,771,060	\$1.779.352	\$2,611,667	\$2,523,791	\$2,524,907	\$2,524,907	\$2,523,791	\$2,524,907	\$26.576.488
Supply Fixed - Collections	\$1,758,187	\$2,805,840	\$3,531,078	\$3,765,138	\$3,039,808	\$2.339.307	\$1,185,564	\$865,586	\$566.549	\$474,802	\$551.457	\$660,899	\$20,570,488
Prelim. Ending Balance	(\$1,868,949)	(\$2,656,992)	(\$4,534,150)	(\$6,283,494)	(\$7,557,430)	(\$8,124,735)	(\$6,706,692)	(\$5,056,364)	(\$3,104,052)	(\$1,058,282)	\$911,840	\$2,775,772	φ21,544,215
Month's Average Balance	(\$2,036,367)	(\$2,265,062)	(\$3,597,355)	(\$5,410,731)	(\$6,923,056)	(\$7,844,758)	(\$7,419,743)	(\$5,885,466)	(\$4,083,231)	(\$2,083,335)	(\$74,327)	\$1,843,768	
Interest Rate (BOA Prime minus 200 bps)	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	(\$5,665,466)	1.25%	1.25%	1.25%	1.25%	
Interest Rate (BOA Filme minus 200 bps)	(\$4,184)	(\$3,568)	(\$3,819)	(\$5,188)	(\$7,350)	(\$8,060)	(\$7,877)	(\$6,047)	(\$4,335)	(\$2,212)	(\$76)	\$1,957	(\$50,759)
Asset Management Incentive	(\$4,184)	(\$3,566)	(\$3,619) \$0	(\$5,166) \$0	(\$7,330) \$0	(\$8,000)	(\$7,677) \$0	(\$6,047)	(\$4,333) \$0	(\$2,212) \$0	(\$76) \$0	\$1,957 \$0	(\$50,759) \$0
Supply Fixed Ending Balance	\$0 (\$1,873,133)	* -	\$0 (\$4,537,969)	* -	(\$7,564,780)	\$0 (\$8,132,795)	(\$6,714,569)		(\$3,108,387)	* *	\$911,764	\$2,777,730	\$0
Supply Fixed Ending Balance	(\$1,673,133)	(\$2,660,560)	(\$4,537,969)	(\$6,288,682)	(\$7,564,760)	(\$6,132,795)	(\$6,714,569)	(\$5,062,411)	(\$3,100,307)	(\$1,060,494)	\$911,764	\$2,777,730	
II. Storage Fixed Cost Deferred													
Beginning Balance	(\$633,536)	(\$590,794)	(\$690,750)	(\$1,107,708)	(\$1,928,427)	(\$2,241,786)	(\$2,350,918)	(\$1,485,263)	(\$1,072,765)	(\$537,312)	\$36,037	\$578,315	
Storage Fixed Costs	\$706,326	\$978,503	\$1.085.153	\$759,164	\$974.956	\$848.099	\$1,366,769	\$741.011	\$741.011	\$741,011	\$741.011	\$741,011	\$10.424.023
LNG Demand to DAC	(\$26,460)	(\$35.994)	(\$98.428)	(\$39,623)	(\$77.112)	(\$57.601)	(\$54,260)	(\$26.460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$521.779)
Supply Related LNG O & M	\$43,241	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$563,029
Working Capital	\$5,516	\$7,550	\$7.887	\$5,849	\$7,209	\$6,390	\$10,372	\$5,811	\$5,811	\$5,811	\$5,811	\$5,811	\$79,827
Total Storage Fixed Costs	\$728,623	\$997,312	\$1,041,866	\$772,643	\$952,307	\$844,141	\$1,370,134	\$767,615	\$767,615	\$767,615	\$767,615	\$767,615	\$10.545.101
TSS Peaking Collections	\$0,023	\$0 \$0	\$1,041,000	\$0	\$932,307	\$044,141	\$1,370,134	\$707,013	\$107,013	\$107,013	\$707,013	\$707,013	\$10,545,101
Storage Fixed - Collections	\$684,624	\$1,096,260	\$1,457,869	\$1,591,907	\$1,263,453	\$950,916	\$502,444	\$353,803	\$231,308	\$194,000	\$225,653	\$270,144	\$8,822,381
Prelim. Ending Balance	(\$589,537)	(\$689,742)	(\$1,106,754)	(\$1,926,972)	(\$2,239,573)	(\$2,348,560)	(\$1,483,228)	(\$1,071,451)	(\$536,458)	\$36,303	\$577,999	\$1,075,786	\$0,022,301
Month's Average Balance	(\$611,537)	(\$640,268)	(\$898,752)	(\$1,517,340)	(\$2,239,573)	(\$2,295,173)	(\$1,463,226)	(\$1,278,357)	(\$804,611)	(\$250,504)	\$307.018	\$827.050	
Interest Rate (BOA Prime minus 200 bps)	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Rate (BOA Filme minus 200 bps)	(\$1,257)	(\$1,009)	(\$954)	(\$1,455)	(\$2,212)	(\$2,358)	(\$2,035)	(\$1,313)	(\$854)	(\$266)	\$315	\$878	(\$12,520)
Storage Fixed Ending Balance	(\$590,794)	(\$690,750)	(\$1,107,708)	(\$1,928,427)	(\$2,241,786)	(\$2,350,918)	(\$1,485,263)	(\$1,072,765)	(\$537,312)	\$36,037	\$578,315	\$1,076,664	(\$12,320)
Storage Fixed Ending Balance	(\$390,794)	(\$690,750)	(\$1,107,706)	(\$1,920,421)	(\$2,241,700)	(\$2,330,916)	(\$1,465,265)	(\$1,072,763)	(\$337,312)	φ30,037	φυ/0,υ10	\$1,070,004	
III. Variable Supply Cost Deferred													
Beginning Balance	\$14,704,530	\$25,739,329	\$39.733.501	\$54.500.333	\$57.813.800	\$59.613.979	\$51.659.406	\$45.872.883	\$42,273,383	\$41.595.685	\$42,131,867	\$42.058.577	
Variable Supply Costs	\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$33,798,176	\$16,808,105	\$6,754,846	\$5,589,588	\$5,331,613	\$5,565,914	\$5,784,917		\$250,202,768
Variable Delivery Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Variable Injections Storage	\$0	\$0	\$0	\$0	\$0	\$11,100	\$11,260	\$11,057	\$10,712	\$9,924	\$9.781	\$8,830	\$72,665
Fuel Cost Allocated to Storage	\$0	\$0	\$0	\$0	\$0	\$72,157	\$97,908	\$56,372	\$57.947	\$53,674	\$53,513	\$50,754	\$442,324
Working Capital	\$199,480	\$301,071	\$396,195	\$327,397	\$257,806	\$128,844	\$52,357	\$43,151	\$41,192	\$42,941	\$44,609	\$77,384	\$1,912,429
Total Supply Variable Costs	\$26,351,200	\$39,771,278	\$52,337,038	\$43,248,833	\$34,055,983	\$17,020,206	\$6,916,372	\$5,700,168	\$5,441,465	\$5,672,453	\$5,892,819	\$10,222,371	\$252.630.186
Supply Variable - Collections	\$15,357,422	\$26,744,454	\$37.604.824	\$39,976,880	\$32,313,986	\$25,001,371	\$12,711,046	\$9,344,925	\$6,163,659	\$5,180,692	\$6,009,336		\$223.571.219
Deferred Responsibility	\$488	\$33,936	\$15,378	\$12,309	\$4,117	\$30.540	\$43,594	\$0	\$0	\$0	\$0	\$0	
Prelim. Ending Balance	\$25,697,820	\$38,732,217	\$54.450.338	\$57,759,977	\$59,551,679	\$51.602.275	\$45,821,138	\$42,228,126	\$41,551,189	\$42,087,446	\$42,015,350	\$45.118.323	
Month's Average Balance	\$20,201,175	\$32,235,773	\$47,091,920	\$56,130,155	\$58,682,740	\$55,608,127	\$48,740,272	\$44,050,504	\$41,912,286	\$41,841,566	\$42,073,609	\$43,588,450	
Interest Rate (BOA Prime minus 200 bps)	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	\$41,509	\$50,782	\$49,995	\$53,823	\$62,300	\$57,132	\$51,745	\$45,257	\$44,496	\$44,421	\$43,226	\$46,275	\$590,962
Gas Procurement Incentive/(penalty)	\$0	\$950,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$950,502
Supply Variable Ending Balance	\$25,739,329	\$39,733,501	\$54,500,333	\$57.813.800	\$59,613,979	\$51,659,406	\$45.872.883	\$42,273,383	\$41.595.685	\$42.131.867	\$42.058.577	\$45.164.599	Ψ000,00 2
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	Nov-08 30 actual	Dec-08 31 actual	Jan-09 31 actual	Feb-09 28 actual	Mar-09 31 actual	Apr-09 30 actual	May-09 31 actual	Jun-09 30 forecast	Jul-09 31 forecast	Aug-09 31 forecast	Sep-09 30 forecast	Oct-09 31 forecast	Nov - Oct 365
IVa. Storage Variable Product Cost Deferred Beginning Balance Storage Variable Prod. Costs - LNG Storage Variable Prod. Costs - LP Storage Variable Prod. Costs - UG Supply Related LNG to DAC Supply Related LNG to DAC Supply Related LNG to BAC Supply Related LNG to UG Inventory Financing - LNG Inventory Financing - UG Inventory Financing - LP Working Capital Total Storage Variable Product Costs Storage Variable Product Collections Prelim. Ending Balance Month's Average Balance	(\$5,292,877) \$752,235 \$0 \$0 (\$126,376) \$30,455 \$59,423 \$53,529 \$0 \$5,025 \$774,292 \$2,283,078 (\$6,801,662) (\$6,047,270)	(\$6,814,088) \$1,431,628 \$0 (\$240,514) \$32,857 \$55,377 \$53,529 \$0 \$9,336 \$1,342,214 \$4142,409 (\$9,614,283) (\$8,214,186)	(\$9,627,224) \$2,056,513 \$0 \$0 (\$345,494) \$32,857 \$45,913 \$53,529 \$0 \$11,302 \$1,856,620 \$6,085,302 (\$13,855,905) (\$11,741,564)	(\$13,868,371) \$818,537 \$0 \$0 (\$137,514) \$32,857 \$41,119 \$53,529 \$0 \$5445 \$813,973 \$6,469,288 (\$19,523,685) (\$16,696,028)	(\$19,539,695) \$565,503 \$0 \$0 (\$95,005) \$32,857 \$38,950 \$53,529 \$0 \$3,840 \$599,674 \$5,228,856 (\$24,168,877) (\$21,854,286)	(\$24,192,079) \$125,465 \$0 \$575,851 (\$21,078) \$35,844 \$39,574 \$0 \$5,439 \$948,674 \$4,036,522 (\$27,279,927) (\$25,736,003)	(\$27,306,368) \$150,779 \$0 \$26,538 (\$25,331) \$32,857 \$38,159 \$230,252 \$0 \$1,410 \$454,665 \$2,052,974 (\$28,904,677) (\$28,105,522)	(\$28,934,515) \$173,582 \$0 \$0 (\$29,162) \$32,857 \$39,282 \$258,410 \$0 \$1,352 \$476,322 \$1,512,732 (\$29,970,925) (\$29,452,720)	(\$30,001,184) \$170,071 \$0 \$0 (\$28,572) \$32,857 \$42,253 \$288,871 \$0 \$1,330 \$506,811 \$997,757 (\$30,492,130) (\$30,246,657)	(\$30,524,242) \$168,795 \$0 \$0 (\$28,358) \$32,857 \$45,315 \$316,897 \$0 \$1,322 \$536,828 \$838,637 (\$30,826,050) (\$30,675,146)	(\$30,858,616) \$162,617 \$0 \$0 (\$27,320) \$32,857 \$48,329 \$344,399 \$0 \$1,283 \$562,165 \$972,776 (\$31,269,227) (\$31,063,922)	(\$31,301,142) \$167,650 \$0 \$0 (\$28,165) \$32,857 \$51,580 \$368,324 \$0 \$1,315 \$593,561 \$1,159,467 (\$31,867,048) (\$31,584,095)	\$6,743,376 \$0 \$602,389 (\$1,132,887) \$394,870 \$545,280 \$2,262,374 \$0 \$50,398 \$9,465,800 \$35,779,798
Interest Rate (BOA Prime minus 200 bps) Interest Applied Storage Variable Product Ending Bal.	2.50% (\$12,426) (\$6,814,088)	1.85% (\$12,940) (\$9,627,224)	1.25% (\$12,465) (\$13,868,371)	1.25% (\$16,010) (\$19,539,695)	1.25% (\$23,201) (\$24,192,079)	1.25% (\$26,441) (\$27,306,368)	1.25% (\$29,838) (\$28,934,515)	1.25% (\$30,260) (\$30,001,184)	1.25% (\$32,111) (\$30,524,242)	1.25% (\$32,566) (\$30,858,616)	1.25% (\$31,915) (\$31,301,142)	1.25% (\$33,531) (\$31,900,579)	(\$293,705)
IVb. Stor Var Non-Prod Cost Deferred Beginning Balance Storage Variable Non-prod. Costs Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Working Capital Total Storage Var Non-product Costs Storage Var Non-Product Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Storage Var Non-Product Ending Bal.	(\$1,256,994) \$0 \$0 \$0 \$0 \$0 \$0 \$151,951 (\$1,408,945) (\$1,332,970) 2.50% (\$2,739) (\$1,411,684)	(\$1,411,684) \$0 \$0 \$0 \$0 \$0 \$316,202 (\$1,727,886) (\$1,569,785) 1.85% (\$2,473) (\$1,730,359)	(\$1,730,359) \$594,288 \$0 \$0 \$0 \$4,533 \$598,821 \$536,269 (\$1,667,808) (\$1,699,083) 1.25% (\$1,804) (\$1,669,611)	(\$1,669,611) \$477,455 \$0 \$0 \$0 \$3,642 \$481,097 \$580,070 (\$1,768,585) (\$1,719,098) 1.25% (\$1,648) (\$1,770,233)	(\$1,770,233) (\$1,071,743) \$0 \$0 \$5 (\$8,175) (\$1,079,918) \$462,794 (\$3,312,945) (\$2,541,589) 1.25% (\$2,698) (\$2,698)	(\$3,315,644) \$0 \$0 (\$11,100) (\$72,157) (\$635] (\$83,892) \$369,761 (\$3,769,297) (\$3,542,470) 1.25% (\$3,640) (\$3,772,937)	(\$3,772,937) \$0 \$0 (\$11,260) (\$97,908) (\$833) (\$110,001) \$184,489 (\$4,067,426) (\$3,920,181) 1.25% (\$4,162) (\$4,071,588)	(\$4,071,588) \$0 \$0 (\$11,057) (\$56,372) (\$514) (\$67,944) \$134,597 (\$4,274,128) (\$4,172,858) 1,25% (\$4,287) (\$4,278,416)	(\$4,278,416) \$0 \$0 (\$10,712) (\$57,947) (\$524) (\$69,183) \$88,605 (\$4,436,204) (\$4,357,310) 1.25% (\$4,626) (\$4,440,830)	(\$4,440,830) \$0 \$0 (\$9,924) (\$53,674) (\$4851 (\$64,083) \$74,542 (\$4,579,455) (\$4,510,142) 1.25% (\$4,788) (\$4,788)	(\$4,584,243) \$0 \$0 (\$9,781) (\$53,513) (\$483) (\$63,776) \$86,640 (\$4,734,660) (\$4,659,451) 1.25% (\$4,787) (\$4,787)	(\$4,739,447) \$0 \$0 (\$8,830) (\$50,754) (\$454) (\$60,038) \$103,146 (\$4,902,631) (\$4,821,039) 1.25% (\$5,118) (\$4,907,749)	(\$1) \$0 (\$72,665) (\$442,324) (<u>\$3,928)</u> (\$518,918) \$3,089,066
GCR Deferred Summary Beginning Balance Gas Costs Working Capital Total Costs Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Gas Purchase Plan Incentives/(Penalties) Ending Bal. W/ Interest Under/(Over)-collection	\$5,317,339 \$29,721,272 \$225,865 \$29,947,137 \$20,235,750 \$15,028,725 \$10,173,032 2.50% \$20,903 \$0 \$15,049,629 \$9,711,387	\$15,049,629 \$43,799,522 \$333,264 \$44,132,786 \$35,139,101 \$24,043,314 \$19,546,471 1.85% \$30,792 \$950,502 \$25,024,608	\$25,024,608 \$57,057,369 \$434,465 \$57,491,833 \$49,230,720 \$33,285,722 \$29,155,165 1.25% \$30,952 \$0 \$33,316,674 \$8,261,114	\$33,316,674 \$46,978,537 \$357,622 \$47,336,159 \$52,395,592 \$28,257,241 \$30,786,957 1.25% \$29,522 \$0 \$28,286,762 (\$5,059,433)	\$28,286,762 \$36,025,019 \$274,087 \$36,299,105 \$42,313,014 \$22,272,853 \$25,279,808 1.25% \$26,838 \$0 \$22,299,691 (\$6,013,909)	\$22,299,691 \$20,354,973 \$153,509 \$20,508,481 \$32,728,417 \$10,079,755 \$16,189,723 1.25% \$16,633 \$0 \$10,096,389 [(\$12,219,936)	\$10,096,389 \$11,159,760 \$83,077 \$11,242,837 \$16,680,111 \$4,659,115 \$7,377,752 1.25% \$7,833 \$0 \$4,666,947	\$4,666,947 \$9,331,048 \$68,905 \$9,399,953 \$12,211,643 \$1,855,257 \$3,261,102 1.25% \$3,350 \$0 \$1,858,608	\$1,858,608 \$9,104,692 \$66,923 \$9,177,615 \$8,047,878 \$2,982,345 \$2,420,477 1.25% \$2,570 \$0 \$2,984,915	\$2,984,915 \$9,369,018 \$68,702 \$9,437,720 \$6,762,673 \$5,659,962 \$4,322,438 1.25% \$4,589 \$0 \$5,664,551	\$5,664,551 \$9,612,289 \$70,325 \$9,682,614 \$7,845,862 \$7,501,303 \$6,582,927 1.25% \$6,763 \$0 \$7,508,066	\$7,508,066 \$13,945,247 \$103,169 \$14,048,416 \$9,356,280 \$12,200,202 \$9,854,134 1.25% \$10,462 \$0 \$12,210,664	\$296,458,745 \$2,239,912 \$298,698,657 \$292,947,041 \$191,208

Projected Gas costs using 06-22-2009 NYMEX	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May 00	Jun-09	Jul-09	Aug-09	Son (09 Oct-09	Nov-Oct
06-22-2009 NTIMEX	actual	actual	actual	actual	actual	actual	May-09 actual	forecast	forecast	forecast	Sep-0 forecast	forecast	NOV-OCI
SUPPLY FIXED COSTS - Pipeline & Supplier	aotaai	dotadi	dorda	dotadi	dotadi	aotaa	aotaai	10100001	10100001	10100001	10100001	10100001	
Merrill Lynch	(\$571,083)	(\$165,087)	(315,516)	(89,448)	(186,131)	\$13,278							
Algonquin	\$696,699	\$660,748	\$658,696	\$665,662	\$658,696	\$546,189	730,679	\$611,785	\$611,785	\$611,785	\$611,785	\$611,785	\$7,676,292
Texas Eastern TETCO/Texas Eastern	\$0 \$537,403	\$0 \$512,721	\$0 \$527,921	\$0 \$552,519	\$0 \$544,453	\$544,552	776,938	\$744,490	\$744,490	\$744,490	\$744,490	\$744,490	\$0 \$7,718,955
Tennessee	\$713,379	\$711,520	\$705,562	\$694,581	\$698,234	\$696,712	776,936 785,021	\$773,986	\$744,490 \$773.986	\$744,490 \$773.986	\$773.986	\$773.986	\$8.874.937
NETNE	ψ110,010	ψ/11,020	ψ1 00,002	φ05-4,001	ψ000,204	ψ000,712	700,021	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$53,050
Nova								\$4,455	\$4,603	\$4,603	\$4,455	\$4,603	\$22,719
Transcanada								\$28,790	\$29,749	\$29,749	\$28,790	\$29,749	\$146,828
Dominion	\$35,201 \$0	\$34,521 \$0	\$35,201 \$0	\$35,201 \$0	\$34,521 \$0	\$2,340	2,340	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$191,056
Transco Columbia	\$0 \$283,164	\$0 \$283,164	\$0 \$283,164	\$0 \$283,164	\$0 \$282,120	\$282,120	282,120	\$7,129 \$283,259	\$7,129 \$283,259	\$7,129 \$283,259	\$7,129 \$283,259	\$7,129 \$283,259	\$35,643 \$3,395,310
Hubline	Ψ203,104	ψ203, 10 4	ψ203,10 4	Ψ203,104	Ψ202,120	Ψ202,120	202,120	\$74,216	\$74,216	\$74,216	\$74,216	\$74,216	\$371,082
Westerly Lateral	\$61,453	\$61,426	\$63,479	\$57,194	\$51,235			\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$595,532
Others	\$320,962	\$316,511	(\$53,970)	\$295,873	\$73,141	\$175,541	\$548,537	\$312,863	\$312,863	\$312,863	\$312,863	\$312,863	\$3,240,909
Less Credits from Insourcing						\$83,333	\$83,333	\$83,333	\$83,333	\$83,333	\$83,333	\$83,333	\$83,333
Less Credits from Mkter Releases	60 077 470	\$408,849	\$259,596	\$490,422	\$398,616	\$411,517	\$450,405	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$4,049,690
TOTAL SUPPLY FIXED COSTS - Pipeline & Supplier	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$2,504,685	\$2,505,794	\$2,505,794	\$2,504,685	\$2,505,794	\$28,272,623
STORAGE FIXED COSTS - Facilities		•										•••	
Texas Eastern SS-1 Demand Texas Eastern SS-1 Capacity	\$87,900	\$87,903	\$87,886	\$87,830	\$88,258	\$84,360	\$82,280	\$81,870 \$13,361	\$81,870 \$13,361	\$81,870 \$13,361	\$81,870 \$13,361	\$81,870 \$13,361	\$1,015,766 \$66,807
Texas Eastern FSS-1 Demand Texas Eastern FSS-1 Capacity								\$845 \$610	\$845 \$610	\$845 \$610	\$845 \$610	\$845 \$610	\$4,224 \$3,051
Dominion GSS Demand	\$83,366	\$83,507	\$83,435	\$83,435	\$83,456	\$83,456	\$83,456	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$691,015
Dominion GSS Capiacity								\$15,070	\$15,070	\$15,070	\$15,070	\$15,070	\$75,350
Dominion GSS-TE Demand								\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$134,409
Dominion GSS-TE Capacity	000 100	000 400	004.040	040.450	# 00 400	000 400	000 400	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$99,783
Tennessee FSMA Demand Tennessee FSMA Capacity	\$39,428	\$39,428	\$34,310	\$40,153	\$39,428	\$39,428	\$39,428	\$24,344 \$15,084	\$24,344 \$15,084	\$24,344 \$15,084	\$24,344 \$15,084	\$24,344 \$15,084	\$393,325 \$75,419
Columbia FSS Demand	\$9,745	\$9,745	\$9,745	\$9,745	\$9,725	\$9,745		\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$77,627
Columbia FSS Capacity								\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$29,574
Keyspan LNG Tank Lease Payment	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$1,890,000
TOTAL FIXED STORAGE COSTS	\$377,939	\$378,083	\$372,876	\$378,663	\$378,367	\$374,489	\$362,665	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,556,351
STORAGE FIXED COSTS - Delivery													
Algonquin for TETCO SS-1													
Algonquin delivery for FSS													
TETCO delivery for FSS Algonquin SCT for SS-1													
Algonquin delivery for GSS, GSS-TE,													
Algonquin SCT delivery for GSS-TE													
Algonquin delivery for GSS Conv													
Tennessee delivery for GSS													
Tennessee delivery for FSMA TETCO delivery for GSS													
TETCO delivery for GSS-TE													
TETCO delivery for GSS-TE													
TETCO delivery for GSS Conv													
Dominion delivery for GSS Conv													
Dominion delivery for GSS Algonquin delivery for FSS													
Columbia Delivery for FSS													
Distrigas FLS call payment													
TRANSCO													
Conoco													
Williams STORAGE DELIVERY FIXED COST \$	\$328,387	\$600,420	\$712,277	\$380,501	\$596,589	\$473,610	\$1,004,105	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$5,059,761
TOTAL STORAGE FIXED	\$706,326	\$978,503	\$1,085,153	\$759,164	\$974,956	\$848,099	\$1,366,769	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$9,616,111
TOTAL FIXED COSTS	\$2,783,504	\$2,985,178	\$2,730,094	\$2,763,488	\$2,732,609	\$2,613,981	\$3,958,666	\$3,245,696	\$3,246,804	\$3,246,804	\$3,245,696	\$3,246,804	\$37,888,734

Projected Gas costs using 06-22-2009 NYMEX	Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 actual	Apr-09 actual	May-09 actual	Jun-09 forecast	Jul-09 forecast	Aug-09 forecast	Sep-09 forecast	Oct-09 forecast	Nov-Oct
VARIABLE SUPPLY COSTS (Includes Injections)													
Tennessee Zone 0 Tennessee Zone 1 Tennessee Connexion Tennessee Dracut	\$174,060	\$372,099	(\$475,370)	\$15,221	\$19,385	\$10,642	\$42,612	\$952,867 \$0 \$1,335,797 \$0	\$1,052,589 \$0 \$1,305,871 \$0	\$917,901 \$0 \$1,359,473 \$24,342	\$1,151,226 \$0 \$1,359,222 \$0	\$1,250,870 \$0 \$1,479,883 \$1,572,369	\$5,484,103 \$0 \$6,840,246 \$1,596,711
TETCO STX TETCO ELA TETCO WLA TETCO ETX TETCO NF								\$874,548 \$0 \$0 \$946,274 \$0	\$1,025,781 \$0 \$0 \$1,108,416 \$0	\$1,068,432 \$0 \$0 \$1,154,043 \$0	\$1,068,661 \$0 \$0 \$1,153,932 \$0	\$1,164,242 \$0 \$0 \$1,256,539 \$0	\$5,201,664 \$0 \$0 \$5,619,203 \$0
M3 Delivered Maumee Supplemental Broadrun Col Columbia AGT								\$0 \$54,496 \$41,673 \$0	\$0 \$37,053 \$52,959 \$0	\$0 \$47,355 \$45,551 \$0	\$0 \$57,944 \$37,395 \$0	\$0 \$19,496 \$69,970 \$0	\$0 \$216,344 \$247,548 \$0
Dominion to B&W Dominion to TETCO FTS Transco at Wharton ANE to Tennessee Niagara to Tennessee	\$2,695	\$3,062	\$3,523	\$3,829	\$179	\$1,731	\$279	\$0 \$0 \$0 \$73,241 \$0	\$0 \$0 \$0 \$88,955 \$0	\$0 \$0 \$0 \$93,592 \$0	\$0 \$0 \$0 \$94,345 \$0	\$0 \$0 \$0 \$104,009 \$0	\$15,298 \$0 \$0 \$454,143 \$0
TETCO to B & W DistriGas FCS Hubline Suppliers	\$627,493 \$0 \$19,826,952	\$1,253,616 (\$15,330) \$30,210,771	\$1,441,960 \$0 \$42,316,949	\$3,089,011 \$0 \$26,657,358	\$661,128 \$0 \$19,715,729	\$570,261 \$0 \$8,883,088	\$0 \$0 \$2,034,605	\$0 \$0 \$381,699	\$0 \$0 \$0	\$0 \$0 \$34,764	\$0 \$0 \$30,995	\$0 \$0 \$1,155,043	\$0 \$7,643,469 \$1,587,171
Total Pipeline Commodity Charges Hedging Costs of Injections	\$20,631,200 \$5,685,821	\$31,824,218 \$7,825,066	\$43,287,062 \$8,653,781 \$0	\$29,765,419 \$14,662,194	\$20,396,421 \$13,603,541	\$9,465,722 \$7,732,609	\$2,077,495 \$4,864,551	\$4,660,594 \$2,803,128 \$1,874,133	\$4,671,624 \$2,687,118 \$2,027,129	\$4,745,454 \$2,693,761 \$1,873,301	\$4,953,721 \$2,712,816 \$1,881,620	\$8,072,421 \$3,880,400 \$1,867,418	\$34,905,898 \$77,804,786 \$9,523,601
TOTAL VARIABLE SUPPLY COSTS VARIABLE STORAGE COSTS	\$26,317,021	\$39,649,284	\$51,940,843	\$44,427,613	\$33,999,962	\$17,198,331	\$6,942,046	\$5,589,588	\$5,331,613	\$5,565,914	\$5,784,917	\$10,085,403	\$103,187,083
Underground Storage LNG Withdrawals/Westerly Trucking LP	\$0 \$752,235	\$0 \$1,431,628	\$0 \$2,056,513	\$0 \$818,537	\$0 \$565,503	\$575,851 \$125,465	\$26,538 \$150,779	\$0 \$173,582	\$0 \$170,071	\$0 \$168,795	\$0 \$162,617	\$0 \$167,650	\$602,389 \$6,743,376 \$0
TOTAL VARIABLE STORAGE COSTS	\$752,235	\$1,431,628	\$2,056,513	\$818,537	\$565,503	\$701,316	\$177,317	\$173,582	\$170,071	\$168,795	\$162,617	\$167,650	\$7,345,765
TOTAL VARIABLE COSTS	\$27,069,256	\$41,080,912	\$53,997,356	\$45,246,150	\$34,565,465	\$17,899,647	\$7,119,363	\$5,763,170	\$5,501,685	\$5,734,708	\$5,947,534	\$10,253,053	\$110,532,848
TOTAL SUPPLY COSTS AFTER CREDITS	\$29,852,760	\$44,066,090	\$56,727,450	\$48,009,638	\$37,298,074	\$20,513,628	\$11,078,030	\$9,008,867	\$8,748,489	\$8,981,513	\$9,193,230	\$13,499,857	\$148,421,582
Storage Costs for FT-2 Calculation Storage Fixed Costs - Facilities Storage Fixed Costs - Deliveries Variable Delivery Costs Variable Injection Costs Fuel Costs Allocated to Storage	\$377,939 \$328,387 \$0 \$0 \$0	\$378,083 \$600,420 \$0 \$0 \$0	\$372,876 \$712,277 \$0 \$0 \$0	\$378,663 \$380,501 \$0 \$0 \$0	\$378,367 \$596,589 \$0 \$0 \$0	\$374,489 \$473,610 \$1,189 \$11,100 \$72,157	\$362,665 \$1,004,105 \$0 \$11,260 \$97,908	\$386,654 \$354,357 \$0 \$11,057 \$56,372	\$386,654 \$354,357 \$0 \$10,712 \$57,947	\$386,654 \$354,357 \$0 \$9,924 \$53,674	\$386,654 \$354,357 \$0 \$9,781 \$53,513	\$386,654 \$354,357 \$0 \$8,830 \$50,754	\$4,556,351 \$5,867,673 \$1,189 \$72,665 \$442,324
Total Storage Costs	\$706,326	\$978,503	\$1,085,153	\$759,164	\$974,956	\$932,545	\$1,475,937	\$808,440	\$809,670	\$804,609	\$804,304	\$800,594	\$10,940,201
Pipeline Variable Less Non-firm Gas Costs Less Company Use Less Manchester St Balancing Plus Cashout	\$26,317,021 \$752,895 \$40,127 \$9,938	\$39,649,284 \$57,532 \$132,531 \$6,254	\$51,940,843 \$125,110 \$217,983 \$0	\$44,427,613 \$91,273 \$233,298 \$6,973	\$33,999,962 (\$943,372) \$128,542 \$4,473	\$17,198,331 \$291,600 \$93,421 \$8,631	\$6,942,046 \$163,193 \$93,421 \$8,631	\$5,589,588	\$5,331,613	\$5,565,914	\$5,784,917	\$10,085,403	
Less Mkter Over-takes Less Mkter W/drawals Plus Mkter Undertakes Plus Mkter Injections Storage Service Charge	\$190,775 (\$486,767) \$101,175 \$0	\$206,378 \$252,858 \$229,693 \$0	\$852,005 \$4,462 \$252,384 \$0	\$569,651 \$135,237 \$86,010 \$32,012	\$737,582 \$278,092 (\$139,416) \$5,138	\$261,233 \$175,636 \$272,544 \$0	\$19,122 \$298,450 \$237,281 \$0						
Storage Service Charge Plus Pipeline Srchg/Credit	\$240,491	\$246,783	\$201,068	\$158,340	\$137,810	\$167,750	\$158,336						
TOTAL FIRM COMMODITY COSTS	\$26,151,719	\$39,470,206	\$51,194,735	\$43,667,544	\$33,798,176	\$16,808,105	\$6,754,846	\$5,589,588	\$5,331,613	\$5,565,914	\$5,784,917	\$10,085,403	

As a result of the new rate factors approved in Dkt 3982 issued 12/01/08, forecasted numbers with the new structure are reflected in Schedule 4

Nov-08 actual

Nov-08	
actual	

1.239.954

\$244.715

\$11,435

<u>L.</u>	Supply Fixed Cost Co	ilections	
	(a) Resid. & Small C & I	dth	

C & I Medium collections

Supply Fixed Cost Factor	\$1.0774
Res & Small C & I collections	\$1,335,903
(b) C & I Medium dth	239,833
Supply Fixed Cost Factor	\$1.0204

- (c) C & I Large LLF dth 92,467 Supply Fixed Cost Factor \$1.0106 C & I Large LLF collections \$93,450
- (d) C & I Large HLF dth
 35,774

 Supply Fixed Cost Factor
 \$0.9452

 C & I Large HLF collections
 \$33,812
- (e) C & I Extra Large LLF dth Supply Fixed Cost Factor \$1.0024 C & I XL LLF collections \$17,682
- (f) C & I Extra Large HLF dth
 38,746

 Supply Fixed Cost Factor
 \$0.8420

 C & I XL HLF collections
 \$32,625

sub-total Dth 1,664,414 sub-total Supply Fixed Collections \$1,758,187

II. Storage Fixed Cost Collections --

C & I Large HLF collections

(a) Resid. & Small C & I dth	1,239,954
Storage Fixed Cost Factor	\$0.3792
Res & Small C & I collections	\$470,152
(b) C & I Medium dth	239.833
Storage Fixed Cost Factor	\$0.4101
C & I Medium collections	\$98,361
(c) C & I Large LLF dth	92,467
Storage Fixed Cost Factor	\$0.4591
C & I Large LLF collections	\$42,447
(d) C & I Large HLF dth	35.774
Storage Fixed Cost Factor	\$0.3196

 (e) C & I XL LLF dth
 17,640

 Storage Fixed Cost Factor
 \$0.4364

 C & I XL LLF collections
 \$7,698

 (f) C & I XL HLF dth
 38,746

 Storage Fixed Cost Factor
 \$0.2722

 C & I XL HLF collections
 \$10,547

(g) FT-2 dth 108,548 Storage Fixed Cost Factor \$0.4052 FT-2 collection \$43,984

sub-total Dth1,772,962sub-total Storage Fixed Collections\$684,624

III. Variable Supply Cost Collections --

 (a) Firm Sales dth
 1,664,414

 Variable Supply Cost Factor
 \$9.2925

 Variable Supply collections
 \$15,466,501

(b) TSS Sales dth 3,615
TSS Variable Supply Cost F. \$0.00
TSS Surcharge collections \$0

 (c) NGV Sales dth
 1,080

 Variable Supply Cost Factor
 \$7.7352

 Variable Supply collections
 \$8,354

(d) Default Sales dth (10,666)
Variable Supply Cost Factor \$10.035
Variable Supply collections (\$117,433)

TOTAL Variable Supply Collections \$15,357,422

IVa. Storage Variable Product Cost Collections --

 (a) Firm Sales dth
 1,664,414

 Variable Supply Cost Factor
 \$1.3717

 Stor Var Product collections
 \$2,283,078

IVb. Storage Variable Non-product Cost Collections --

(a) Firm Sales dth 1,664,414 Variable Supply Cost Factor \$0.0880 Stor Var Non-Product collec \$146,496 (b) FT-2 dth 55,279 Variable Supply Cost Factor \$0.0987 Stor Var Non-Product collec \$5,455 (c) Total Firm Sales/FT-2 dth 1,719,693 \$151,951 Stor Var Non-Product collec

Total Gas Cost Collections \$20,235,262

Forecasted numbers reflect new structure approved in Dkt 3982 issued 12/01/08	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 actual	Apr-09 actual	May-09 actual	Jun-09 fcst	Jul-09 fcst	Aug-09 fcst	Sep-09 fcst	Oct-09 fcst	Total Dec-Oct
I. Supply Fixed Cost Collections												
(a) RH, SM, Med C & I dth Supply Fixed Cost Factor Res & Small C & I collections	2,621,471 \$0.9635 \$2,525,737	4,203,177 \$0.7613 \$3,199,868	4,519,766 \$0.7786 \$3,518,975	3,610,908 \$0.7789 \$2,812,641	2,699,301 \$0.7778 \$2,099,440	1,399,137 \$0.7793 \$1,090,374	1,001,650 \$0.7783 \$779,584	643,585 \$0.7783 \$500,902	536,597 \$0.7783 \$417,634	623,648 \$0.7783 \$485,386	742,922 \$0.7783 \$578,216	22,602,162 \$18,008,757
(b) Res Non-Heat dth Supply Fixed Cost Factor Res Non-heat collections	75,675 \$0.8239 \$62,350	107,166 \$0.5402 \$57,891	104,454 \$0.5443 \$56,856	87,796 \$0.5568 \$48,884	80,975 \$0.5570 \$45,102	51,342 \$0.5678 \$29,150	44,033 \$0.5409 \$23,817	36,650 \$0.5409 \$19,824	30,092 \$0.5409 \$16,277	34,613 \$0.5409 \$18,722	33,466 \$0.5409 \$18,102	686,262 \$396,975
(c) C & I Large LLF dth Supply Fixed Cost Factor	149,246 \$0.9157	207,332 \$0.7801	189,683 \$0.7615	161,876 \$0.7877	171,866 \$0.7223	25,095 \$1.2190	38,956 \$0.7783	25,178 \$0.7783	18,855 \$0.7783	23,437 \$0.7783	40,125 \$0.7783	1,051,649
C & I Large LLF collections (d) C & I Large HLF dth Supply Fixed Cost Factor	\$136,671 42,621 \$0.7135	\$161,748 55,007 \$0.5470	\$144,435 50,622 \$0.5409	\$127,517 43,136 \$0,5409	\$124,141 39,064 \$0.5329	\$30,590 27,502 \$0,5561	\$30,320 35,790 \$0.5409	\$19,596 28,262 \$0.5409	\$14,675 22,706 \$0.5409	\$18,241 32,740 \$0.5409	\$31,229 32,166 \$0.5409	\$839,163 409,616
C & I Large HLF collections	\$30,410	\$30,088	\$27,380	\$23,332	\$0.5329 \$20,818	\$15,295	\$19,359	\$15,287	\$12,281	\$17,709	\$17,399	\$229,358
(e) C & I Extra Large LLF dth Supply Fixed Cost Factor C & I XL LLF collections	28,564 \$0.9064 \$25,891	39,118 \$0.7783 \$30,445	26,091 \$0.7783 \$20,306	22,290 \$0.7666 \$17,087	24,379 \$0.7783 \$18,974	11,739 \$0.7782 \$9,136	3,071 \$0.7783 \$2,390	1,219 \$0.7783 \$949	1,803 \$0.7783 \$1,404	2,303 \$0.7783 \$1,792	6,172 \$0.7783 \$4,803	166,750 \$133,177
(f) C & I Extra Large HLF dth Supply Fixed Cost Factor	34,887 \$0.7103	79,368 \$0.6431	(5,295) \$0.5314	15,222 \$0.6797	53,580 \$0.5754	24,431 \$0.4510	18,702 \$0.5409	18,472 \$0.5409	23,167 \$0.5409	17,762 \$0.5409	20,614 \$0.5409	300,909
C & I XL HLF collections	\$24,781	\$51,038	(\$2,814)	\$10,347	\$30,832	\$11,019	\$10,116	\$9,991	\$12,531	\$9,607	\$11,150	\$178,598
sub-total Dth	2,952,464	4,691,168	4,885,321	3,941,229	3,069,165	1,539,246	1,142,202	753,365	633,220	734,503	875,466	25,217,349
sub-total Dth sub-total Supply Fixed Collections	2,952,464 \$2,805,840	4,691,168 \$3,531,078	4,885,321 \$3,765,138	3,941,229 \$3,039,808	3,069,165 \$2,339,307	1,539,246 \$1,185,564	1,142,202 \$865,586	753,365 \$566,549	633,220 \$474,802	734,503 \$551,457	875,466 \$660,899	25,217,349 \$19,786,028
sub-total Supply Fixed Collections												
II. Storage Fixed Cost Collections (a) RH, SM, Med C & I dth Storage Fixed Cost Factor	\$2,805,840 2,621,471 \$0.3610	\$3,531,078 4,203,177 \$0.3015	\$3,765,138 4,519,766 \$0.3083	\$3,039,808 3,610,908 \$0.3084	\$2,339,307 2,699,301 \$0.3080	\$1,185,564 1,399,137 \$0.3086	\$865,586 1,001,650 \$0.3082	\$566,549 643,585 \$0.3082	\$474,802 536,597 \$0.3082	\$551,457 623,648 \$0.3082	\$660,899 742,922 \$0.3082	\$19,786,028 22,602,162
II. Storage Fixed Cost Collections (a) RH, SM, Med C & I dth Storage Fixed Cost Factor Res & Small C & I collections (b) Res Non-Heat dth Storage Fixed Cost Factor	\$2,805,840 2,621,471 \$0.3610 \$946,399 75,675 \$0.3025	\$3,531,078 4,203,177 \$0.3015 \$1,267,120 107,166 \$0.2145	\$3,765,138 4,519,766 \$0.3083 \$1,393,483 104,454 \$0.2162	3,610,908 \$0.3084 \$1,113,781 87,796 \$0.2211	\$2,339,307 2,699,301 \$0.3080 \$831,360 80,975 \$0.2212	\$1,185,564 1,399,137 \$0.3086 \$431,779 51,342 \$0.2255	1,001,650 \$0.3082 \$308,708 44,033 \$0.2148	\$566,549 643,585 \$0.3082 \$198,353 36,650 \$0.2148	\$474,802 536,597 \$0.3082 \$165,379 30,092 \$0.2148	\$551,457 623,648 \$0.3082 \$192,208 34,613 \$0.2148	742,922 \$0.3082 \$228,969 33,466 \$0.2148	\$19,786,028 22,602,162 \$7,077,539 686,262
II. Storage Fixed Cost Collections (a) RH, SM, Med C & I dth Storage Fixed Cost Factor Res & Small C & I collections (b) Res Non-Heat dth Storage Fixed Cost Factor Res Non-heat collections (c) C & I Large LLF dth Storage Fixed Cost Factor C & I Large LLF collections (d) C & I Large HLF dth Storage Fixed Cost Factor	\$2,805,840 2,621,471 \$0.3610 \$946,399 75,675 \$0.3025 \$22,892 149,246 \$0.3927 \$58,616 42,621 \$0.2570	\$3,531,078 4,203,177 \$0.3015 \$1,267,120 107,166 \$0.2145 \$22,990 207,332 \$0.3089 \$64,051 55,007 \$0.2172	\$3,765,138 4,519,766 \$0.3083 \$1,393,483 104,454 \$0.2162 \$22,579 189,683 \$0.3015 \$57,195 50,622 \$0.2148	\$3,039,808 3,610,908 \$0.3084 \$1,113,781 87,796 \$0.2211 \$19,413 161,876 \$0.3119 \$50,496 43,136 \$0.2148	\$2,339,307 2,699,301 \$0.3080 \$831,360 80,975 \$0.2212 \$17,910 171,866 \$0.2860 \$49,159 39,064 \$0.2116	\$1,185,564 1,399,137 \$0.3086 \$431,779 51,342 \$0.2255 \$11,576 25,095 \$0.4827 \$12,113 27,502 \$0.2208	1,001,650 \$0.3082 \$308,708 44,033 \$0.2148 \$9,458 38,956 \$0.3082 \$12,006 35,790 \$0.2148	\$566,549 643,585 \$0.3082 \$198,353 36,650 \$0.2148 \$7,872 25,178 \$0.3082 \$7,760 28,262 \$0.2148	\$474,802 536,597 \$0.3082 \$165,379 30,092 \$0.2148 \$6,464 18,855 \$0.3082 \$5,811 22,706 \$0.2148	\$551,457 623,648 \$0.3082 \$192,208 34,613 \$0.2148 \$7,435 23,437 \$0.3082 \$7,223 32,740 \$0.2148	742,922 \$0.3082 \$228,969 33,466 \$0.2148 \$7,189 40,125 \$0.3082 \$12,367 32,166 \$0.2148	\$19,786,028 22,602,162 \$7,077,539 686,262 \$155,778 1,051,649 \$336,797 409,616
II. Storage Fixed Cost Collections (a) RH, SM, Med C & I dth Storage Fixed Cost Factor Res & Small C & I collections (b) Res Non-Heat dth Storage Fixed Cost Factor Res Non-heat collections (c) C & I Large LLF dth Storage Fixed Cost Factor C & I Large LLF collections (d) C & I Large HLF dth	\$2,805,840 2,621,471 \$0.3610 \$946,399 75,675 \$0.3025 \$22,892 149,246 \$0.3927 \$58,616 42,621	\$3,531,078 4,203,177 \$0.3015 \$1,267,120 107,166 \$0.2145 \$22,990 207,332 \$0.3089 \$64,051 55,007	\$3,765,138 4,519,766 \$0.3083 \$1,393,483 104,454 \$0.2162 \$22,579 189,683 \$0.3015 \$57,195 50,622	\$3,039,808 3,610,908 \$0.3084 \$1,113,781 87,796 \$0.2211 \$19,413 161,876 \$0.3119 \$50,496 43,136	\$2,339,307 2,699,301 \$0.3080 \$831,360 80,975 \$0.2212 \$17,910 171,866 \$0.2860 \$49,159 39,064	\$1,185,564 1,399,137 \$0.3086 \$431,779 51,342 \$0.2255 \$11,576 25,095 \$0.4827 \$12,113 27,502	1,001,650 \$0.3082 \$308,708 44,033 \$0.2148 \$9,458 38,956 \$0.3082 \$12,006 35,790	\$566,549 643,585 \$0.3082 \$198,353 36,650 \$0.2148 \$7,872 25,178 \$0.3082 \$7,760 28,262	\$474,802 536,597 \$0.3082 \$165,379 30,092 \$0.2148 \$6,464 18,855 \$0.3082 \$5,811 22,706	\$551,457 623,648 \$0.3082 \$192,208 34,613 \$0.2148 \$7,435 23,437 \$0.3082 \$7,223 32,740	742,922 \$0.3082 \$228,969 33,466 \$0.2148 \$7,189 40,125 \$0.3082 \$12,367 32,166	\$19,786,028 22,602,162 \$7,077,539 686,262 \$155,778 1,051,649 \$336,797
II. Storage Fixed Cost Collections (a) RH, SM, Med C & I dth Storage Fixed Cost Factor Res & Small C & I collections (b) Res Non-Heat dth Storage Fixed Cost Factor Res Non-heat collections (c) C & I Large LLF dth Storage Fixed Cost Factor C & I Large LLF collections (d) C & I Large HLF dth Storage Fixed Cost Factor C & I Large HLF dth Storage Fixed Cost Factor C & I Large HLF dth Storage Fixed Cost Factor C & I Large HLF dth	\$2,805,840 2,621,471 \$0.3610 \$946,399 75,675 \$0.3025 \$22,892 149,246 \$0.3927 \$58,616 42,621 \$0.2570 \$10,953	\$3,531,078 4,203,177 \$0.3015 \$1,267,120 107,166 \$0.2145 \$22,990 207,332 \$0.3089 \$64,051 55,007 \$0.2172 \$11,948	\$3,765,138 4,519,766 \$0.3083 \$1,393,483 104,454 \$0.2162 \$22,579 189,683 \$0.3015 \$57,195 50,622 \$0.2148 \$10,873	3,610,908 \$0.3084 \$1,113,781 87,796 \$0.2211 \$19,413 161,876 \$0.3119 \$50,496 43,136 \$0.2148 \$9,266	2,699,301 \$0.3080 \$831,360 80,975 \$0.2212 \$17,910 171,866 \$0.2860 \$49,159 39,064 \$0.2116 \$8,267	\$1,185,564 1,399,137 \$0.3086 \$431,779 51,342 \$0.2255 \$11,576 25,095 \$0.4827 \$12,113 27,502 \$0.2208 \$6,073	1,001,650 \$0.3082 \$308,708 44,033 \$0.2148 \$9,458 38,956 \$0.3082 \$12,006 35,790 \$0.2148 \$7,688	\$566,549 643,585 \$0.3082 \$198,353 36,650 \$0.2148 \$7,872 25,178 \$0.3082 \$7,760 28,262 \$0.2148 \$6,071	\$474,802 536,597 \$0.3082 \$165,379 30,092 \$0.2148 \$6,464 18,855 \$0.3082 \$5,811 22,706 \$0.2148 \$4,877	\$551,457 623,648 \$0.3082 \$192,208 34,613 \$0.2148 \$7,435 23,437 \$0.3082 \$7,223 32,740 \$0.2148 \$7,033	742,922 \$0.3082 \$228,969 33,466 \$0.2148 \$7,189 40,125 \$0.3082 \$12,367 32,166 \$0.2148 \$6,909	\$19,786,028 22,602,162 \$7,077,539 686,262 \$155,778 1,051,649 \$336,797 409,616 \$89,958

Forecasted numbers reflect new structure approved in Dkt 3982 issued 12/01/08	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 actual	Apr-09 actual	May-09 actual	Jun-09 fcst	Jul-09 fcst	Aug-09 fcst	Sep-09 fcst	Oct-09 fcst	
C & I XL HLF collections	\$8,727	\$17,973	(\$991)	\$3,644	\$10,858	\$3,880	\$4,017	\$3,968	\$4,976	\$3,815	\$4,428	\$65,295
(g) FT-2 dth Storage Fixed Cost Factor FT-2 collection	99,142 \$0.3817 \$37,847	195,879 \$0.3151 \$61,731	319,615 \$0.3152 \$100,727	190,660 \$0.3152 \$60,087	82,020 \$0.3152 \$25,849	105,995 \$0.3152 \$33,405	49,972 \$0.2197 \$10,979	31,443 \$0.2197 \$6,908	27,024 \$0.2197 \$5,937	32,903 \$0.2197 \$7,229	38,143 \$0.2197 \$8,380	1,172,797 \$359,079
sub-total Dth sub-total Storage Fixed Collections	3,051,606 \$1,096,260	4,887,047 \$1,457,869	5,204,936 \$1,591,907	4,131,889 \$1,263,453	3,151,185 \$950,916	1,645,241 \$502,444	1,192,174 \$353,803	784,808 \$231,308	660,245 \$194,000	767,406 \$225,653	913,609 \$270,144	26,390,146
III. Variable Supply Cost Collections												
(a) Firm Sales dth Variable Supply Cost Factor Variable Supply collections	2,947,113 \$9.0710 \$26,733,125	4,691,168 \$8.0134 \$37,592,032	4,884,146 \$8.1824 \$39,964,110	3,943,787 \$8.1904 \$32,301,325	3,067,239 \$8.1297 \$24,935,675	1,554,928 \$8.1562 \$12,682,283	1,142,202 \$8.1815 \$9,344,925	753,365 \$8.1815 \$6,163,659	633,220 \$8.1815 \$5,180,692	734,503 \$8.1815 \$6,009,336	875,466 \$8.1815 \$7,162,624	25,227,138 \$208,069,786
(b) TSS Sales dth TSS Variable Supply Cost F. TSS Surcharge collections	5,351 \$0.0000 \$0	11,370 \$0.0000 \$0	(410) \$0.0000 \$0	10,937 \$0.0000 \$0	(3,896) \$0.0000 \$0	23,845 \$0.0000 \$0						
(c) NGV Sales dth Variable Supply Cost Factor	1,389 \$7.7351	1,561 \$7.4990	1,561 \$8.1807	1,545 \$8.1815	1,462 \$8.1815	1,229 \$8.1815	0 \$8.1815	0 \$8.1815	0 \$8.1815	0 \$8.1815	0 \$8.1815	8,747
Variable Supply collections	\$10,744	\$11,706	\$12,770	\$12,643	\$11,964	\$10,054	\$0	\$0	\$0	\$0	\$0	\$69,881
(d) Default Sales dth Variable Supply Cost Factor Variable Supply collections	46 \$12.7100 \$585	87 \$12.4350 \$1,086	0 \$10.9750 \$0	2 \$10.9750 \$19	4,896 \$10.9750 \$53,732	1,705 \$10.9750 \$18,709						
TOTAL Variable Supply Collections	\$26,744,454	\$37,604,824	\$39,976,880	\$32,313,986	\$25,001,371	\$12,711,046	\$9,344,925	\$6,163,659	\$5,180,692	\$6,009,336	\$7,162,624	\$208,213,797
IVa. Storage Variable Product Cost Co	ollections											
(a) Firm Sales dth Variable Supply Cost Factor Stor Var Product collections	2,947,113 \$1.4056	4,691,168 \$1.2972	4,884,146	3,943,787	3,067,239	1,554,928	1,142,202	753,365	633,220	734,503	875,466	25,227,138
	\$4,142,409	\$6,085,302	\$1.3245 \$6,469,288	\$1.3258 \$5,228,856	\$1.3160 \$4,036,522	\$1.3203 \$2,052,974	\$1.3244 \$1,512,732	\$1.3244 \$997,757	\$1.3244 \$838,637	\$1.3244 \$972 , 776	\$1.3244 \$1,159,467	\$33,496,720
IVb. Storage Variable Non-product Co		\$6,085,302			•	\$1.3203	\$1.3244		•			\$33,496,720
IVb. Storage Variable Non-product Cos (a) Firm Sales dth Variable Supply Cost Factor Stor Var Non-Product collec		\$6,085,302			•	\$1.3203	\$1.3244		•			\$33,496,720 25,217,349 \$2,807,800
(a) Firm Sales dth Variable Supply Cost Factor	st Collections 2,952,464 \$0.1035	\$6,085,302 4,691,168 \$0.1106	\$6,469,288 4,885,321 \$0.1129	\$5,228,856 3,941,229 \$0.1131	\$4,036,522 3,069,165 \$0.1121	\$1.3203 \$2,052,974 1,539,246 \$0.1137	\$1.3244 \$1,512,732 1,142,202 \$0.1129	\$997,757 753,365 \$0.1129	\$838,637 633,220 \$0.1129	\$972,776 734,503 \$0.1129	\$1,159,467 875,466 \$0.1129	25,217,349
(a) Firm Sales dth Variable Supply Cost Factor Stor Var Non-Product collec (b) FT-2 dth Variable Supply Cost Factor	2,952,464 \$0.1035 \$305,460 99,142 \$0.1083	\$6,085,302 4,691,168 \$0.1106 \$518,748 195,879 \$0.0894	\$6,469,288 4,885,321 \$0.1129 \$551,481 319,615 \$0.0894	\$5,228,856 3,941,229 \$0.1131 \$445,740 190,660 \$0.0894	\$4,036,522 3,069,165 \$0.1121 \$344,097 82,020 \$0.0895	\$1.3203 \$2,052,974 1,539,246 \$0.1137 \$175,008 105,995 \$0.0894	\$1.3244 \$1,512,732 1,142,202 \$0.1129 \$128,955 49,972 \$0.1129	\$997,757 753,365 \$0.1129 \$85,055 31,443 \$0.1129	\$838,637 633,220 \$0.1129 \$71,491 27,024 \$0.1129	\$972,776 734,503 \$0.1129 \$82,925 32,903 \$0.1129	\$1,159,467 875,466 \$0.1129 \$98,840 38,143 \$0.1129	25,217,349 \$2,807,800

Line <u>No.</u>		Reference (b)	Nov-08 (c)	<u>Dec-08</u> (d)	<u>Jan-09</u> (e)	<u>Feb-09</u> (f)	<u>Mar-09</u> (g)	<u>Apr-09</u> (h)	<u>May-09</u> (i)	<u>Jun-09</u> (j)	<u>Jul-09</u> (k)	<u>Aug-09</u> (I)	<u>Sep-09</u> (m)	Oct-09 (n)	<u>Total</u> (p)
	Storage Inventory Balance Hedging Subtotal Cost of Capital	(1) + (2) Rate Case	\$5,629,465 \$5,629,465 8,71%	\$5,629,465 \$5,629,465 8.71%	\$5,629,465 \$5,629,465 8,71%	\$5,629,465 \$5,629,465 8.71%	\$5,629,465 \$5,629,465 8,71%	\$17,877,235 \$1,849,310 \$19,726,545 8,71%	\$20,125,174 \$4,089,668 \$24,214,842 8,71%	\$21,201,150 \$5,975,010 \$27,176,160 8.71%	\$22,344,815 \$8,034,812 \$30,379,627 8,71%	\$23,535,279 \$9,791,761 \$33,327,040 8,71%	\$24,765,971 \$11,453,325 \$36,219,296 8,71%	\$26,114,255 \$12,621,145 \$38,735,400 8,71%	
5	Return on Working Capital Requirement	(3) * (4)	\$490,496	\$490,496	\$490,496	\$490,496	\$490,496	\$1,718,776	\$2,109,842	\$2,367,862	\$2,646,981	\$2,903,789	\$3,155,792	\$3,375,020	\$20,730,541
	Weighted Cost of Debt Interest Charges Financed	Rate Case (1) * (6)	3.70% \$208,485	3.70% \$208,485	3.70% \$208,485	3.70% \$208,485	3.70% \$208,485	3.70% \$730,565	3.70% \$896,787	3.70% \$1,006,459	3.70% \$1,125,098	3.70% \$1,234,254	3.70% \$1,341,368	3.70% \$1,434,551	\$8,811,507
8 9 10	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(5) - (7) Rate Case (8) / (9)	\$282,011 0.6500 \$433,863	\$282,011 0.6500 \$433,863	\$282,011 0.6500 \$433,863	\$282,011 0.6500 \$433,863	\$282,011 0.6500 \$433,863	\$988,211 0.6500 \$1,520,325	\$1,213,055 0.6500 \$1,866,238	\$1,361,403 0.6500 \$2,094,467	\$1,521,883 0.6500 \$2,341,358	\$1,669,535 0.6500 \$2,568,515	\$1,814,424 0.6500 \$2,791,421	\$1,940,469 0.6500 \$2,985,337	\$18,336,975
11	Working Capital Requirement	(7) + (10)	\$642,348	\$642,348	\$642,348	\$642,348	\$642,348	\$2,250,890	\$2,763,025	\$3,100,925	\$3,466,456	\$3,802,769	\$4,132,789	\$4,419,888	\$27,148,482
12	Monthly Average	(11) / 12	\$53,529	\$53,529	\$53,529	\$53,529	\$53,529	\$187,574	\$230,252	\$258,410	\$288,871	\$316,897	\$344,399	\$368,324	\$2,262,374
14	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	Rate Case (13) * (14)	\$7,511,236 8.71% \$654,455	\$6,999,769 8.71% \$609,891	\$5,803,567 8.71% \$505,665	\$5,197,569 8.71% \$452,865	\$4,923,352 8.71% \$428,972	\$5,002,769 8.71% \$435,892	\$4,823,401 8.71% \$420,264	\$4,965,379 8.71% \$432,634	\$5,340,909 8.71% \$465,354	\$5,727,886 8.71% \$499,071	\$6,108,916 8.71% \$532,271	\$6,519,885 8.71% \$568,078	\$6,005,412
	Weighted Cost of Debt Interest Charges Financed	Rate Case (13) * (16)	3.70% \$278,176	3.70% \$259,234	3.70% \$214,933	3.70% \$192,490	3.70% \$182,334	3.70% \$185,276	3.70% \$178,633	3.70% \$183,891	3.70% \$197,799	3.70% \$212,130	3.70% \$226,241	3.70% \$241,461	\$2,552,598
19	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(15) - (17) Rate Case (18) / (19)	\$376,279 0.6500 \$578,891	\$350,657 0.6500 \$539,472	\$290,733 0.6500 \$447,281	\$260,375 0.6500 \$400,577	\$246,638 0.6500 \$379,443	\$250,616 0.6500 \$385,563	\$241,631 0.6500 \$371,740	\$248,743 0.6500 \$382,682	\$267,555 0.6500 \$411,624	\$286,941 0.6500 \$441,448	\$306,029 0.6500 \$470,814	\$326,617 0.6500 \$502,488	\$5,312,022
21	Working Capital Requirement	(17) + (20)	\$857,067	\$798,706	\$662,214	\$593,067	\$561,777	\$570,839	\$550,372	\$566,573	\$609,422	\$653,578	\$697,056	\$743,949	\$7,864,619
22	Monthly Average	(21) / 12	\$71,422	\$66,559	\$55,184	\$49,422	\$46,815	\$47,570	\$45,864	\$47,214	\$50,785	\$54,465	\$58,088	\$61,996	\$655,385
23	System Balancing Factor	Rate Case	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	
24	Balancing Related Inventory Costs	(22) * (23)	\$11,999	\$11,182	\$9,271	\$8,303	\$7,865	\$7,992	\$7,705	\$7,932	\$8,532	\$9,150	\$9,759	\$10,415	\$110,105
25	Supply Related Inventory Costs	(22) - (24)	\$59,423	\$55,377	\$45,913	\$41,119	\$38,950	\$39,578	\$38,159	\$39,282	\$42,253	\$45,315	\$48,329	\$51,580	\$545,280

National Grid Rhode Island Service Area Gas Cost Working Capital Calculation

Line <u>No.</u>	<u>Description</u> (a)	Reference (b)	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	Feb-09	<u>Mar-09</u>	<u>Apr-09</u>	<u>May-09</u>	<u>Jun-09</u>	<u>Jul-09</u>	<u>Aug-09</u>	Sep-09	Oct-09	Total
	Supply Fixed Costs Capacity Release Revenue	,,	\$2,077,178 <u>\$0</u>	\$2,006,675 <u>\$0</u>	\$1,644,941 <u>\$0</u>	\$2,004,324 <u>\$0</u>	\$1,757,653 <u>\$0</u>	\$1,765,882 <u>\$0</u>	\$2,591,897 <u>\$0</u>	\$2,504,685 <u>\$0</u>	\$2,505,794 <u>\$0</u>	\$2,505,794 <u>\$0</u>	\$2,504,685 <u>\$0</u>	\$2,505,794 <u>\$0</u>	\$26,375,302 <u>\$0</u>
3	Allowable Working Capital Costs	(1) - (2)	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$2,504,685	\$2,505,794	\$2,505,794	\$2,504,685	\$2,505,794	\$26,375,302
4	Number of Days Lag	Rate Case	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
6	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(3) * (4)] / 365 Rate Case (5) * (6)	\$138,858 <u>8.71%</u> \$12,099	\$134,145 <u>8.71%</u> \$11,688	\$109,963 <u>8.71%</u> \$9,581	\$133,988 <u>8.71%</u> \$11,674	\$117,498 <u>8.71%</u> \$10,238	\$118,048 <u>8.71%</u> \$10,286	\$173,267 <u>8.71%</u> \$15,097	\$167,437 <u>8.71%</u> \$14,589	\$167,511 <u>8.71%</u> \$14,595	\$167,511 <u>8.71%</u> \$14,595	\$167,437 <u>8.71%</u> \$14,589	\$167,511 <u>8.71%</u> \$14,595	
8	Weighted Cost of Debt Interest Expense	Rate Case (5) * (8)	3.70% \$5,143	3.70% \$4,968	3.70% \$4,072	3.70% \$4,962	3.70% \$4,351	3.70% \$4,372	3.70% \$6,417	3.70% \$6,201	3.70% \$6,204	3.70% \$6,204	3.70% \$6,201	3.70% \$6,204	
10 11	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(7) - (9) Rate Case (10) / (11)	\$6,956 <u>0.6500</u> \$10,702	\$6,720 <u>0.6500</u> \$10,339	\$5,509 <u>0.6500</u> \$8,475	\$6,712 <u>0.6500</u> \$10,326	\$5,886 <u>0.6500</u> \$9,056	\$5,914 <u>0.6500</u> \$9,098	\$8,680 <u>0.6500</u> \$13,354	\$8,388 <u>0.6500</u> \$12,904	\$8,392 <u>0.6500</u> \$12,910	\$8,392 <u>0.6500</u> \$12,910	\$8,388 <u>0.6500</u> \$12,904	\$8,392 <u>0.6500</u> \$12,910	
13	Supply Fixed Working Capital Requirement	(9) + (12)	\$ <u>15,844</u>	\$ <u>15,307</u>	\$ <u>12,547</u>	\$ <u>15,289</u>	\$ <u>13,407</u>	\$ <u>13,470</u>	\$ <u>19,771</u>	\$ <u>19,105</u>	\$ <u>19,114</u>	\$ <u>19,114</u>	\$ <u>19,105</u>	\$ <u>19,114</u>	\$ <u>201,186</u>
15 16 17	Storage Fixed Costs Less: LNG Demand to DAC Less: Credits Plus: Supply Related LNG O&M Costs Allowable Working Capital Costs	(14) - (15) + (16)	\$706,326 \$26,460 \$0 <u>\$43,241</u> \$723,107	\$978,503 \$35,994 \$0 \$47,253 \$989,762	\$1,085,153 \$98,428 \$0 <u>\$47,253</u> \$1,033,979	\$759,164 \$39,623 \$0 \$47,253 \$766,794	\$974,956 \$77,112 \$0 \$47,253 \$945,098	\$848,099 \$57,601 \$0 \$47,253 \$837,751	\$1,366,769 \$54,260 \$0 \$47,253 \$1,359,762	\$741,011 \$26,460 \$0 \$47,253 \$761,804	\$741,011 \$26,460 \$0 \$47,253 \$761,804	\$741,011 \$26,460 \$0 \$47,253 \$761,804	\$741,011 \$26,460 \$0 \$47,253 \$761,804	\$741,011 \$26,460 \$0 \$47,253 \$761,804	\$10,424,023 \$521,779 \$0 \$563,029 \$10,465,274
19	Number of Days Lag	Rate Case	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
21	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(17) * (18)] / 365 Rate Case (19) * (20)	\$48,339 <u>8.71%</u> \$4,212	\$66,165 <u>8.71%</u> \$5,765	\$69,121 <u>8.71%</u> \$6,023	\$51,260 <u>8.71%</u> \$4,466	\$63,179 <u>8.71%</u> \$5,505	\$56,003 <u>8.71%</u> \$4,880	\$90,899 <u>8.71%</u> \$7,920	\$50,926 <u>8.71%</u> \$4,437	\$50,926 <u>8.71%</u> \$4,437	\$50,926 <u>8.71%</u> \$4,437	\$50,926 <u>8.71%</u> \$4,437	\$50,926 <u>8.71%</u> \$4,437	
	Weighted Cost of Debt Interest Expense	Rate Case (19) * (22)	3.70% \$1,790	3.70% \$2,450	3.70% \$2,560	3.70% \$1,898	3.70% \$2,340	3.70% \$2,074	3.70% \$3,366	3.70% \$1,886	3.70% \$1,886	3.70% \$1,886	3.70% \$1,886	3.70% \$1,886	
26	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(19) - (23) Rate Case (24) / (25)	\$2,422 <u>0.6500</u> \$3,726	\$3,315 <u>0.6500</u> \$5,099	\$3,463 <u>0.6500</u> \$5,327	\$2,568 <u>0.6500</u> \$3,951	\$3,165 <u>0.6500</u> \$4,869	\$2,806 <u>0.6500</u> \$4,316	\$4,554 <u>0.6500</u> \$7,006	\$2,551 0.6500 \$3,925	\$2,551 0.6500 \$3,925	\$2,551 <u>0.6500</u> \$3,925	\$2,551 0.6500 \$3,925	\$2,551 <u>0.6500</u> \$3,925	
	Storage Fixed Working Capital Requirement	(23) + (26)	\$ <u>5,516</u>	\$ <u>7,550</u>	\$ <u>7,887</u>	\$ <u>5,849</u>	\$ <u>7,209</u>	\$ <u>6,390</u>	\$ <u>10,372</u>	\$ <u>5,811</u>	\$ <u>79,827</u>				
	Supply Variable Costs Less: Non-firm Sales		\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$33,798,176	\$16,808,105	\$6,754,846	\$5,589,588	\$5,331,613	\$5,565,914	\$5,784,917	\$10,085,403	\$250,202,768 \$0
2b 2c 2d	Less: Variable Delivery Storage Costs Less: Variable Injection Storage Costs Less: Fuel Costs Allocated to Storage Less: Supply Refunds		\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 (\$11,100) (\$72,157)	\$0 (\$11,260) (\$97,908)	\$0 (\$11,057) (\$56,372)	\$0 (\$10,712) (\$57,947)	\$0 (\$9,924) (\$53,674)	\$0 (\$9,781) (\$53,513)	\$0 (\$8,830) (\$50,754)	\$0 (\$72,665) (\$442,324) \$0
2	Total Credits Allowable Working Capital Costs	(1) - (2)	\$0 \$26,151,719	<u>\$0</u> \$39,470,206	<u>\$0</u> \$51,940,843	<u>\$0</u> \$42,921,436	<u>\$0</u> \$33,798,176	(\$83,257) \$16,891,362	(\$109,168) \$6,864,014	(\$67,429) \$5,657,018	(\$68,659) \$5,400,273	(\$63,598) \$5,629,512	(\$63,294) \$5,848,210	(\$59,583) \$10,144,987	(\$514,989) \$250,717,757
4	Number of Days Lag	Rate Case	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
6	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(3) * (4)] / 365 Rate Case (5) * (6)	\$1,748,225 <u>\$0</u> \$152,323	\$2,638,556 <u>8.71%</u> \$229,898	\$3,472,210 <u>8.71%</u> \$302,534	\$2,869,269 <u>8.71%</u> \$250,000	\$2,259,385 <u>8.71%</u> \$196,860	\$1,129,176 <u>8.71%</u> \$98,385	\$458,855 <u>8.71%</u> \$39,980	\$378,168 <u>8.71%</u> \$32,950	\$361,005 <u>8.71%</u> \$31,454	\$376,329 <u>8.71%</u> \$32,790	\$390,949 <u>8.71%</u> \$34,063	\$678,185 <u>8.71%</u> \$59,090	
8	Weighted Cost of Debt Interest Expense	Rate Case (5) * (8)	3.70% \$64,745	3.70% \$97,718	3.70% \$128,592	3.70% \$106,262	3.70% \$83,675	3.70% \$41,819	3.70% \$16,994	3.70% \$14,005	3.70% \$13,370	3.70% \$13,937	3.70% \$14,479	3.70% \$25,116	
11	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(7) - (9) Rate Case (10) / (11)	\$87,578 <u>0.6500</u> \$134,736	\$132,180 <u>0.6500</u> \$203,354	\$173,942 <u>0.6500</u> \$267,603	\$143,737 <u>0.6500</u> \$221,135	\$113,185 <u>0.6500</u> \$174,131	\$56,567 0.6500 \$87,026	\$22,987 0.6500 \$35,364	\$18,945 0.6500 \$29,145	\$18,085 0.6500 \$27,823	\$18,852 0.6500 \$29,004	\$19,585 0.6500 \$30,130	\$33,974 0.6500 \$52,268	
13	Supply Variable Working Capital Requirement	(9) + (12)	\$ <u>199,480</u>	\$301,071	\$ <u>396,195</u>	\$ <u>327,397</u>	\$ <u>257,806</u>	\$ <u>128,844</u>	\$ <u>52,357</u>	\$ <u>43,151</u>	\$ <u>41,192</u>	\$ <u>42,941</u>	\$ <u>44,609</u>	\$ <u>77,384</u>	\$ <u>1,912,429</u>

Line <u>No</u>		Reference (b)	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Feb-09</u>	<u>Mar-09</u>	<u>Apr-09</u>	<u>May-09</u>	<u>Jun-09</u>	<u>Jul-09</u>	<u>Aug-09</u>	<u>Sep-09</u>	Oct-09	Total
) (14) + (15) + (16)	\$752,235 (\$126,376) \$32,857 \$658,717	\$1,431,628 (\$240,514) <u>\$32,857</u> \$1,223,972	\$2,056,513 (\$345,494) <u>\$32,857</u> \$1,743,876	\$818,537 (\$137,514) \$32,857 \$713,880	\$565,503 (\$95,005) <u>\$32,857</u> \$503,356	\$701,316 (\$21,078) <u>\$32,857</u> \$713,095	\$177,317 (\$25,331) <u>\$32,857</u> \$184,843	\$173,582 (\$29,162) <u>\$32,857</u> \$177,277	\$170,071 (\$28,572) <u>\$32,857</u> \$174,356	\$168,795 (\$28,358) <u>\$32,857</u> \$173,294	\$162,617 (\$27,320) <u>\$32,857</u> \$168,154	\$167,650 (\$28,165) <u>\$32,857</u> \$172,342	\$7,345,765 (\$1,132,887) <u>\$394,285</u> \$6,607,163
18	Number of Days Lag	Rate Case	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
20 21	Working Capital Requirement Cost of Capital Return on Working Capital Requirement Weighted Cost of Debt	[(17) * (18)] / 365 Rate Case (19) * (20) Rate Case	\$44,035 <u>8.71%</u> \$3,837 3.70%	\$81,822 <u>8.71%</u> \$7,129 3.70%	\$116,577 <u>8.71%</u> \$10,157 3.70%	\$47,722 <u>8.71%</u> \$4,158 3.70%	\$33,649 <u>8.71%</u> \$2,932 3.70%	\$47,670 <u>8.71%</u> \$4,153 3.70%	\$12,357 <u>8.71%</u> \$1,077 3.70%	\$11,851 <u>8.71%</u> \$1,033 3.70%	\$11,656 <u>8.71%</u> \$1,016 3.70%	\$11,585 <u>8.71%</u> \$1,009	\$11,241 <u>8.71%</u> \$979 3.70%	\$11,521 <u>8.71%</u> \$1,004 3.70%	
	Interest Expense	(19) * (22)	\$1,631	\$3,030	\$4,317	\$1,767	\$1,246	\$1,765	\$458	\$439	\$432	\$429	\$416	\$427	
24 25 26		(19) - (23) Rate Case (24) / (25)	\$2,206 <u>0.6500</u> \$3,394	\$4,099 <u>0.6500</u> \$6,306	\$5,840 <u>0.6500</u> \$8,985	\$2,391 <u>0.6500</u> \$3,678	\$1,686 <u>0.6500</u> \$2,593	\$2,388 <u>0.6500</u> \$3,674	\$619 <u>0.6500</u> \$952	\$594 <u>0.6500</u> \$913	\$584 <u>0.6500</u> \$898	\$580 <u>0.6500</u> \$893	\$563 <u>0.6500</u> \$866	\$577 <u>0.6500</u> \$888	
27	Storage Var. Product Working Capital Requir.	(23) + (26)	\$ <u>5,025</u>	\$ <u>9,336</u>	\$ <u>13,302</u>	\$ <u>5,445</u>	\$ <u>3,840</u>	\$ <u>5,439</u>	\$ <u>1,410</u>	\$ <u>1,352</u>	\$ <u>1,330</u>	\$ <u>1,322</u>	\$ <u>1,283</u>	\$ <u>1,315</u>	\$ <u>50,398</u>
1 2 3	Storage Variable Non-Product Costs Credits Allowable Working Capital Costs	(1) - (2)	\$0 <u>\$0</u> \$0	\$0 <u>\$0</u> \$0	\$594,288 <u>\$0</u> \$594,288	\$477,455 \$0 \$477,455	(\$1,071,743) \$0 (\$1,071,743)	(\$83,257) \$0 (\$83,257)	(\$109,168) \$0 (\$109,168)	(\$67,429) \$0 (\$67,429)	(\$68,659) \$0 (\$68,659)	(\$63,598) \$ <u>0</u> (\$63,598)	(\$63,294) \$0 (\$63,294)	(\$59,583) \$0 (\$59,583)	(\$514,990) \$0 (\$514,990)
4	Number of Days Lag	Rate Case	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
5 6 7	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(3) * (4)] / 365 Rate Case (5) * (6)	\$0 <u>8.71%</u> \$0	\$0 <u>8.71%</u> \$0	\$39,728 <u>8.71%</u> \$3,461	\$31,918 <u>8.71%</u> \$2,781	(\$71,645) 8.71% (\$6,242)	(\$5,566) <u>8.71%</u> (\$485)	(\$7,298) <u>8.71%</u> (\$636)	(\$4,508) <u>8.71%</u> (\$393)	(\$4,590) <u>8.71%</u> (\$400)	(\$4,251) <u>8.71%</u> (\$370)	(\$4,231) <u>8.71%</u> (\$369)	(\$3,983) <u>8.71%</u> (\$347)	
8 9	•	Rate Case (5) * (8)	3.70% \$0	3.70% \$0	3.70% \$1,471	3.70% \$1,182	3.70% (\$2,653)	3.70% (\$206)	3.70% (\$270)	3.70% (\$167)	3.70% (\$170)	3.70% (\$157)	3.70% (\$157)	3.70% (\$148)	
	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(7) - (9) Rate Case (10) / (11)	\$0 <u>0.6500</u> \$0	\$0 <u>0.6500</u> \$0	\$1,990 <u>0.6500</u> \$3,062	\$1,599 <u>0.6500</u> \$2,460	(\$3,589) 0.6500 (\$5,522)	(\$279) <u>0.6500</u> (\$429)	(\$366) <u>0.6500</u> (\$562)	(\$226) 0.6500 (\$347)	(\$230) 0.6500 (\$354)	(\$213) <u>0.6500</u> (\$328)	(\$212) <u>0.6500</u> (\$326)	(\$200) <u>0.6500</u> (\$307)	
13	Storage Variable Non-product WC Requir.	(9) + (12)	\$ <u>0</u>	\$ <u>0</u>	\$ <u>4,533</u>	\$ <u>3,642</u>	(<u>\$8,175</u>)	(<u>\$635</u>)	(<u>\$833</u>)	(<u>\$514</u>)	(<u>\$524</u>)	(<u>\$485</u>)	(<u>\$483</u>)	(<u>\$454</u>)	(<u>\$3,928</u>)

Line	•													
No.	Rate Class	Nov-08	<u>Dec-08</u>	<u>Jan-09</u>	Feb-09	Mar-09	Apr-09	May-09	<u>Jun-09</u>	<u>Jul-09</u>	<u>Aug-09</u>	<u>Sep-09</u>	Oct-09	Nov-Oct
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(p)
		actual	actual	actual	actual	actual	actual	actual						
1	SALES (dth)	50.407	74.000	105 100	101 151	07.700	00.075	54.040	44.000	00.050	00.000	04.040	00.400	700 040
2	Residential Non-Heating	56,197	74,260	105,168	104,454	87,796	80,975	51,342	44,033	36,650	30,092	34,613	33,466	739,046
3	Residential Non-Heating Low Income		1,415	1,998	2,363	2,559	2,234	1,767	704.000	400.000	070.000	444.000	500.004	12,336
4	Residential Heating	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	734,882	469,333	378,980	444,060	528,984	16,756,304
5 6	Residential Heating Low Income Small C&I	136,185	158,314 243,234	221,411 468,169	246,102 445,253	218,543 404,908	179,606 268,425	105,449 132,795	81,371	51,712	46,472	51,801	63,181	1,129,424 2,393,508
7	Medium C&I	239,162	243,234 313,646	668,869	657,578	527,224	392,280	226,309	185,397	122,539	111,145	127,788	150,757	3,722,693
8	Large LLF	89.907	144,636	198,749	189,683	155,082	171,866	25,095	38,956	25,178	18,855	23,437	40,125	1,121,569
9	Large HLF	35,390	42,451	55,005	50,622	43,136	39,064	27,502	35,790	28,262	22,706	32,740	32,166	444,834
10	•	17.640	28,564	39,118	26,091	22,290	24,379	11,739	3.071	1,219	1,803	2,303	6,172	184,390
11		38,746	34,887	79,368	(5,295)	15,222	53,580	24,431	18,702	18,472	23,167	17,762	20,614	339,655
	Total Sales	1,660,799	2,947,113	4,679,798	4,886,120	3,932,851	3,067,239	1,531,083	1,142,202	753,365	633,220	734,503	875,466	26,843,759
	Total Gales	1,000,733	2,547,115	4,073,730	4,000,120	3,332,031	3,007,233	1,551,005	1,142,202	733,303	033,220	734,303	073,400	20,040,700
12	TSS_													
13		671	571	2,785	1,564	4,142	4,160	9,930						
14	Large LLF	2,560	4,610	8,583	(1,972)	6,794	(8,056)	13,140						
15	Large HLF	384	170	2	(2)	0	0	775						
16	Extra Large LLF	0	0	0	0	0	0	0						
17	Extra Large HLF	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>0</u>						
18	Total TSS	3,615	5,351	11,370	(410)	10,937	(3,896)	23,845						
19														
20		75,145	30,048	81,959	201,285	81,623	(15,465)	45,012	29,827	21,960	18,443	21,389	21,920	613,147
21	3 -	23,240	55,156	92,226	101,097	77,810	81,830	29,732	12,984	3,728	3,424	4,444	8,515	494,187
	FT-2 Large HLF	7,511	9,765	11,555	11,117	9,834	11,082	8,930	6,145	4,855	4,340	6,129	5,414	96,677
23	3.	974	1,667	2,198	2,619	2,210	398	2,151	24	6	6	7	957	13,217
24	•	<u>1,678</u>	<u>2,506</u>	7,941	3,497	<u>19,184</u>	<u>4,175</u>	20,171	993	<u>893</u>	<u>811</u>	<u>934</u>	<u>1,336</u>	64,118
25	Total FT-2 Transportation	108,548	99,142	195,879	319,615	190,660	82,020	105,995	49,972	31,443	27,024	32,903	38,143	1,281,345
26	Sales & FT-2 THROUGHPUT													
27	Residential Non-Heating	56,197	74,260	105,168	104,454	87,796	80,975	51,342	44,033	36,650	30,092	34,613	33,466	739,046
28			1,415	1,998	2,363	2,559	2,234	1,767	44,033	0 30,030	0 0	0	0	12,336
29	ŭ	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	734,882	469,333	378,980	444,060	528,984	16,756,304
30	Residential Heating Low Income	1,047,572	158,314	221,411	246,102	218,543	179,606	105,449	754,002	0	0	0	0	1,129,424
31	Small C&I	136,185	243,234	468,169	445,253	404,908	268,425	132,795	81,371	51,712	46,472	51,801	63,181	2,393,508
32		314,978	344,265	753,613	860,427	612,989	380,975	281,251	215,223	144,500	129,588	149,177	172,678	4,359,663
33	Large LLF	115,707	204,402	299,558	288,807	239,686	245,640	67,966	51,940	28,906	22,279	27,881	48,641	1,641,414
34	Large HLF	43,285	52,386	66,562	61,737	52,970	50,145	37,207	41,935	33,117	27,045	38,869	37,580	542,840
35	Extra Large LLF	18,614	30,231	41,316	28,710	24,500	24,777	13,890	3,095	1,226	1,810	2,309	7,129	197,607
36	Extra Large HLF	40,424	37,393	87,309	(1,799)	34,406	57,756	44,601	19,695	19,364	23,978	18,696	21,950	403,774
37	Total Sales & FT-2 Throughput	1,772,962	3,051,606	4,887,047	5,205,324	4,134,448	3,145,363	1,660,923	1,192,174	784,808	660,245	767,406	913,609	28,175,915
38														
39		38,827	96,524	110,676	96,175	86,238	(11,750)	32,662	28,661	21,618	21,065	26,819	31,520	579,034
40	S .	66,319	159,315	169,518	159,007	171,963	119,249	34,165	27,007	18,071	17,338	24,053	46,119	1,012,123
41	3 -	132,271	109,635	(144,121)	(65,321)	47,523	34,712	33,740	38,929	29,900	30,746	33,276	26,727	308,017
	FT-1 Extra Large LLF	26,687	61,588	96,220	92,732	108,974	90,420	17,172	32,333	28,528	29,989	31,050	55,225	670,920
43	3.	115,775	383,277	532,886	510,433	452,017	431,360	303,667	338,079	346,006	357,328	369,273	367,053	4,507,155
44		(10,666)	<u>46</u>	<u>87</u>	<u>0</u>	<u>2</u>	4,896	<u>1,705</u>	405.000	444.464	450 400	40.4.470	500.044	7.077.010
45	Total FT-1 Transportation	369,213	810,385	765,266	793,026	866,715	668,886	423,112	465,009	444,124	456,466	484,472	526,644	7,077,249

No.	Rate Class	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	<u>Jul-09</u>	Aug-09	Sep-09	Oct-09	Nov-Oct
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(p)
46	Total THROUGHPUT													
47	Residential Non-Heating	56,197	74,260	105,168	104,454	87,796	80,975	51,342	44,033	36,650	30,092	34,613	33,466	739,046
48	Residential Non-Heating Low Income		1,415	1,998	2,363	2,559	2,234	1,767	0	0	0	0	0	12,336
49	Residential Heating	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	734,882	469,333	378,980	444,060	528,984	16,756,304
50	Residential Heating Low Income		158,314	221,411	246,102	218,543	179,606	105,449	0	0	0	0	0	1,129,424
51	Small C&I	136,185	243,234	468,169	445,253	404,908	268,425	132,795	81,371	51,712	46,472	51,801	63,181	2,393,508
52	Medium C&I	353,805	440,789	864,289	956,602	699,226	369,225	313,913	243,885	166,117	150,652	175,996	204,197	4,938,697
53	Large LLF	182,026	363,717	469,076	447,814	411,649	364,889	102,132	78,946	46,977	39,617	51,935	94,760	2,653,537
53	Large HLF	175,556	162,021	(77,559)	(3,583)	100,492	84,857	70,947	80,864	63,018	57,791	72,145	64,307	850,857
54	Extra Large LLF	45,301	91,819	137,536	121,443	133,474	115,198	31,062	35,429	29,754	31,799	33,359	62,354	868,527
55	Extra Large HLF	156,199	420,670	620,195	508,634	486,423	489,115	348,269	357,774	365,370	381,306	387,969	389,003	4,910,928
56	Default	(10,666)	<u>46</u>	<u>87</u>	<u>0</u>	<u>2</u>	4,896	1,705	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	(3,931)
57	Total Throughput	2,142,175	3,861,991	5,652,313	5,998,350	5,001,163	3,814,249	2,084,035	1,657,183	1,228,932	1,116,710	1,251,878	1,440,252	35,249,233