



August 3, 2009

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

RE: Annual Gas Cost Recovery Reconciliation

Dear Ms. Massaro:

In accordance with the provisions of the Gas Cost Recovery ("GCR") Clause Tariff, RIPUC NG No. 101, Section 2, Schedule A, Item 1.2, enclosed please find ten (10) copies of National Grid's annual GCR reconciliation filing. The filing contains actual data for the twelve months ending June 30, 2009 and consists of seven schedules.

Schedule 1 presents the monthly gas cost-specific ending deferred balances for the period July 2008 through June 2009, resulting in an end-of-period under-collection balance of \$3,321,883, as shown on the bottom of page 2. The \$3,321,883 under-collection is comprised of five distinct cost components: Supply Fixed, Storage Fixed, Supply Variable, Storage Variable Product, and Storage Variable Non-Product. The monthly balances for each of the components are contained in Schedule 1. The Company is currently reviewing the results of the assignment of costs to certain component categories. Certain features of the Company's asset management arrangement with Merrill Lynch have caused the classification of costs to be different than in prior periods even though the portfolio is fundamentally the same. In addition, the insourcing of the portfolio that began April 1, 2009 has altered the traditional injection pattern and caused the Company to purchase supplies to support optimization transactions. These issues will be addressed in the Company's upcoming September 1, 2009 GCR filing.

Schedule 2 summarizes monthly gas costs according to the five components described above. Schedule 3 summarizes Gas Cost Collections for the period of July to November 2008. Schedule 4 summarizes Gas Cost Collections for the period of December 2008 to June 2009 which reflects the new structure approved in Docket No.3982. Schedule 5 presents the calculation of inventory financing costs. For the twelve months ended June 2009, underground storage financing costs totaled \$1,184,870, and LNG inventory storage financing costs totaled \$588,568. Of the \$588,568 of LNG inventory financing costs, \$131,353 is associated with system balancing which is allocated to the Distribution Adjustment Clause account. The remaining \$457,215 of LNG inventory financing costs is associated with the GCR. Working Capital costs are calculated in Schedule 6 and include the inventory financing and working capital cost calculations which are consistent with the methodology approved in Docket No. 3401. Finally, monthly firm throughput

¹ Submitted on behalf of The Narragansett Electric Company, d/b/a National Grid ("Company").

Luly E. Massaro, Commission Clerk Annual Gas Cost Reconciliation August 3, 2009 Page 2 of 2

is summarized in Schedule 7. This schedule indicates that for the twelve month period that total firm throughput was 35, 250,639 dths, which was comprised of firm sales, including Transitional Sales Service of 26,734,245 dths, FT-1 throughput of 7,307,086dths and FT-2 throughput of 1,209,308 dths..

If you have any questions related to this filing, please do not hesitate to contact me at (401) 784-7667 or Gary Beland at (781) 907-2129.

Very truly yours,

Thomas R. Teehan

cc: Leo Wold, Esq.

Steve Scialabba, Division Bruce Oliver, Division

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul - Jun
	31 actual	31 actual	30 actual	31 actual	30 actual	31 actual	31 actual	28 actual	31 actual	30 actual	31 actual	30 actual	365
	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	
I. Supply Fixed Cost Deferred													
Beginning Balance	(\$7,977,817)	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,203,784)	(\$1,873,133)	(\$2,660,560)	(\$4,537,969)	(\$6,288,682)	(\$7,564,780)	(\$8,132,795)	(\$6,714,569)	
Supply Fixed Costs (net of cap rel)	\$2,885,908	\$2,044,179	\$1,767,703	\$2,139,679	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$1,942,053	\$24,628,072
Capacity Release	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	\$12.475	\$8,837	\$7,642	\$9,250	\$15,844	\$15.307	\$12,547	\$15,289	\$13.407	\$13,470	\$19,771	\$14,814	\$158,651
Total Supply Fixed Costs	\$2,898,383	\$2,053,016	\$1,775,345	\$2,148,929	\$2,093,022	\$2.021.982	\$1,657,488	\$2,019,613	\$1,771,060	\$1,779,352	\$2,611,667	\$1,956,867	\$24,786,723
Supply Fixed - Collections	\$790,743	\$725,773	\$626,821	\$911,353	\$1,758,187	\$2,805,840	\$3,531,078	\$3,765,138	\$3,039,808	\$2,339,307	\$1,185,564	\$707,745	\$22,187,357
Prelim. Ending Balance	(\$5,870,177)	(\$4,560,576)	(\$3,425,363)	(\$2,197,650)	(\$1,868,949)	(\$2,656,992)	(\$4,534,150)	(\$6,283,494)	(\$7,557,430)	(\$8,124,735)	(\$6,706,692)	(\$5,465,447)	* , - ,
Month's Average Balance	(\$6,923,997)	(\$5,224,197)	(\$3,999,625)	(\$2,816,438)	(\$2,036,367)	(\$2,265,062)	(\$3,597,355)	(\$5,410,731)	(\$6,923,056)	(\$7,844,758)	(\$7,419,743)	(\$6,090,008)	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	(\$17,642)	(\$13,311)	(\$9,862)	(\$6,134)	(\$4,184)	(\$3,568)	(\$3,819)	(\$5,188)	(\$7,350)	(\$8,060)	(\$7,877)	(\$6,257)	(\$93,253)
Asset Management Incentive	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Fixed Ending Balance	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,203,784)	(\$1,873,133)	(\$2,660,560)	(\$4,537,969)	(\$6,288,682)	(\$7,564,780)	(\$8,132,795)	(\$6,714,569)	(\$5,471,703)	ΨΟ
Cupply Fixed Ending Balance	(ψο,σοι,στο)	(ψ-1,07-0,007)	(\$0,400,220)	(ψ2,200,704)	(\$1,070,100)	(\$2,000,000)	(ψ-1,001,000)	(40,200,002)	(ψ1,004,100)	(40,102,700)	(ψο, ε 14,000)	(ψο, 47 1,700)	
II. Storage Fixed Cost Deferred													
Beginning Balance	(\$2.909.401)	(\$2,471,911)	(\$1.911.144)	(\$1,427,779)	(\$633.536)	(\$590,794)	(\$690,750)	(\$1.107.708)	(\$1.928.427)	(\$2,241,786)	(\$2,350,918)	(\$1.485.263)	
Storage Fixed Costs	\$743,858	\$850,485	\$752,604	\$1,133,842	\$706,326	\$978,503	\$1,085,153	\$759,164	\$974,956	\$848,099	\$1,366,769	\$733,332	\$10,933,091
LNG Demand to DAC	(\$56,282)	(\$56,282)	(\$56,282)	(\$56,282)	(\$26,460)	(\$35,994)	(\$98,428)	(\$39,623)	(\$77,112)	(\$57,601)	(\$54,260)	(\$57,009)	(\$671,615)
Supply Related LNG O & M	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$546,980
Working Capital	\$3,159	\$3,620	\$3,197	\$4,845	\$5,516	\$7,550	\$7,887	\$5,849	\$7,209	\$6,390	\$10,372	\$5,519	\$71,113
Total Storage Fixed Costs	\$733.977	\$841,064	\$742,760	\$1,125,646	\$728,623	\$997,312	\$1,041,866	\$772,643	\$952,307	\$844,141	\$1,370,134	\$729,097	\$10.879.570
TSS Peaking Collections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ψ10,010,010
Storage Fixed - Collections	\$289,639	\$274,721	\$255,284	\$329,161	\$684,624	\$1,096,260	\$1,457,869	\$1,591,907	\$1,263,453	\$950,916	\$502,444	\$300,435	\$8,996,713
Prelim. Ending Balance	(\$2,465,064)	(\$1,905,567)	(\$1,423,668)	(\$631,294)	(\$589,537)	(\$689,742)	(\$1,106,754)	(\$1,926,972)	(\$2,239,573)	(\$2,348,560)	(\$1,483,228)	(\$1,056,602)	φο,οσο,τ το
Month's Average Balance	(\$2,687,233)	(\$2,188,739)	(\$1,667,406)	(\$1,029,537)	(\$611,537)	(\$640,268)	(\$898,752)	(\$1,517,340)	(\$2,084,000)	(\$2,295,173)	(\$1,917,073)	(\$1,270,933)	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	(\$6,847)	(\$5,577)	(\$4,111)	(\$2,242)	(\$1,257)	(\$1,009)	(\$954)	(\$1,455)	(\$2,212)	(\$2,358)	(\$2,035)	(\$1,306)	(\$31,363)
Storage Fixed Ending Balance	(\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(\$633,536)	(\$590,794)	(\$690,750)	(\$1,107,708)	(\$1,928,427)	(\$2,241,786)	(\$2,350,918)	(\$1,485,263)	(\$1,057,907)	(ψ51,505)
Storage Fixed Ending Balance	(ΨΖ,Ψ71,311)	(\$1,511,144)	(ψ1,π21,113)	(\$000,000)	(\$330,734)	(\$030,730)	(ψ1,107,700)	(ψ1,320,421)	(ψ2,241,700)	(ψ2,550,510)	(ψ1,+05,205)	(\$1,037,307)	
III. Variable Supply Cost Deferred													
Beginning Balance	\$7,791,754	\$7,280,749	\$8,515,621	\$9,365,411	\$14,704,530	\$25,739,329	\$39,733,501	\$54,500,333	\$57,813,800	\$59,613,979	\$51,659,406	\$45,872,883	
Variable Supply Costs	\$5,322,469	\$7,557,368	\$6,326,879	\$13,216,341	\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$33,798,176	\$16,808,105	\$6,754,846	\$6,093,700	\$256,362,089
Variable Delivery Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Variable Delivery Storage Variable Injections Storage	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$11.100	\$11.260	\$11.057	\$33.418
Fuel Cost Allocated to Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,157	\$97,908	\$56,372	\$226,436
Working Capital	\$23.008	\$32.669	\$27.350	\$57,132	\$199.480	\$301.071	\$396.195	\$327.397	\$257,806	\$128.844	\$52.357	\$46,99 <u>6</u>	\$1.850.308
Total Supply Variable Costs	\$5,345,477	\$7,590,038	\$6,354,229	\$13,273,474	\$26,351,200	\$39,771,278	\$52,337,038	\$43,248,833	\$34,055,983	\$17,020,206	\$6,916,372	\$6,208,125	\$258,472,252
Supply Variable - Collections	\$5,871,095	\$6,376,416	\$5,524,729	\$8,022,367	\$15,357,422	\$26,744,454	\$37,604,824	\$39,976,880	\$32,313,986	\$25,001,371	\$12,711,046	\$8,322,646	\$223,827,237
Deferred Responsibility	\$4,565	(\$1,152)	\$1,729	(\$61,828)	\$488	\$33,936	\$15,378	\$12,309	\$4,117	\$30.540	\$43,594	\$0,522,040	Ψ_20,021,201
Prelim. Ending Balance	\$7,261,571	\$8,495,523	\$9,343,393	\$14,678,345	\$25,697,820	\$38,732,217	\$54,450,338	\$57,759,977	\$59,551,679	\$51,602,275	\$45,821,138	\$43,758,361	
Month's Average Balance	\$7,526,663	\$7,888,136	\$8,929,507	\$12,021,878	\$20,201,175	\$32,235,773	\$47,091,920	\$56,130,155	\$58,682,740	\$55,608,127	\$48,740,272	\$44,815,622	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	\$19,178	\$20,099	\$22,018	\$26.185	\$41,509	\$50.782	\$49,995	\$53,823	\$62,300	\$57.132	\$51.745	\$46,043	\$500,809
Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$950,502	\$0	\$0	\$0	\$0	\$0	\$0	\$950,502
Supply Variable Ending Balance	\$7,280,749	\$8,515,621	\$9,365,411	\$14,704,530	\$25,739,329	\$39,733,501	\$54,500,333	\$57,813,800	\$59,613,979	\$51,659,406	\$45,872,883	\$43,804,405	ψ000,002
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	Jul-08 31 actual	Aug-08 31 actual	Sep-08 30 actual	Oct-08 31 actual	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 actual	Jul - Jun 365
IVa. Storage Variable Product Cost Deferred													
Beginning Balance	(\$2,405,878)	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,292,877)	(\$6,814,088)	(\$9,627,224)	(\$13,868,371)	(\$19,539,695)	(\$24,192,079)	(\$27,306,368)	(\$28,934,515)	A0 777 450
Storage Variable Prod. Costs - LNG	\$138,890 \$0	\$159,479 \$0	\$169,734 \$0	\$238,700 \$0	\$752,235 \$0	\$1,431,628 \$0	\$2,056,513 \$0	\$818,537 \$0	\$565,503 \$0	\$125,465 \$0	\$150,779 \$0	\$169,989 \$0	\$6,777,452 \$0
Storage Variable Prod. Costs - LP Storage Variable Prod. Costs - UG	\$0 \$0	\$575,851	\$26,538	\$10,405	\$612,794								
Supply Related LNG to DAC	(\$28,320)	(\$32,518)	(\$34,609)	(\$48,671)	(\$126,376)	(\$240,514)	(\$345,494)	(\$137,514)	(\$95,005)	(\$21,078)	(\$25,331)	(\$28,558)	(\$1,163,986)
Supply Related LNG O & M	\$30,455	\$30,455	\$30,455	\$30,455	\$30,455	\$32,857	\$32,857	\$32,857	\$32,857	\$35,844	\$32,857	\$32,857	\$385,264
Inventory Financing - LNG	\$52,996	\$55,942	\$59,387	\$62,440	\$59,423	\$55,377	\$45,913	\$41,119	\$38,950	\$39,578	\$38,159	\$39,282	\$588.568
Inventory Financing - UG	\$55,239	\$55,239	\$55,239	\$55,239	\$53,529	\$53,529	\$53,529	\$53,529	\$53,529	\$187,574	\$230,252	\$278,443	\$1,184,870
Inventory Financing - LP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	\$610	\$680	\$716	<u>\$953</u>	\$5,025	\$9,336	\$13,302	\$5,445	\$3,840	\$5,439	\$1,410	\$1,409	\$48,165
Total Storage Variable Product Costs	\$249,871	\$269,278	\$280,922	\$339,117	\$774,292	\$1,342,214	\$1,856,620	\$813,973	\$599,674	\$948,674	\$454,665	\$503,827	\$8,433,127
Storage Variable Product Collections	\$1,029,239	\$945,886	\$821,818	\$1,192,319	\$2,283,078	\$4,142,409	\$6,085,302	\$6,469,288	\$5,228,856	\$4,036,522	\$2,052,974	\$1,236,974	\$35,524,665
Prelim. Ending Balance	(\$3,185,246)	(\$3,868,977)	(\$4,418,869)	(\$5,282,300)	(\$6,801,662)	(\$9,614,283)	(\$13,855,905)	(\$19,523,685)	(\$24,168,877)	(\$27,279,927)	(\$28,904,677)	(\$29,667,663)	
Month's Average Balance	(\$2,795,562)	(\$3,530,673)	(\$4,148,421)	(\$4,855,699)	(\$6,047,270)	(\$8,214,186)	(\$11,741,564)	(\$16,696,028)	(\$21,854,286)	(\$25,736,003)	(\$28,105,522)	(\$29,301,089)	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	(\$7,123)	(\$8,996)	(\$10,229)	(\$10,576)	(\$12,426)	(\$12,940)	(\$12,465)	(\$16,010)	(\$23,201)	(\$26,441)	(\$29,838)	(\$30,104)	(\$200,350)
Storage Variable Product Ending Bal.	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,292,877)	(\$6,814,088)	(\$9,627,224)	(\$13,868,371)	(\$19,539,695)	(\$24,192,079)	(\$27,306,368)	(\$28,934,515)	(\$29,697,766)	
IVb. Stor Var Non-Prod Cost Deferred													
Beginning Balance	(\$988,320)	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,256,994)	(\$1,411,684)	(\$1,730,359)	(\$1,669,611)	(\$1,770,233)	(\$3,315,644)	(\$3,772,937)	(\$4,071,588)	
Storage Variable Non-prod. Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$594,288	\$477,455	(\$1,071,743)	\$0	\$0	\$0	(\$1)
Variable Delivery Storage Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Variable Injection Storage Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,100)	(\$11,260)	(\$11,057)	(\$33,418)
Fuel Costs Allocated to Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$72,157)	(\$97,908)	(\$56,372)	(\$226,436)
Working Capital	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	\$4,533	\$3,642	(\$8,175)	(\$635)	(\$833)	(\$514)	(\$1,982)
Total Storage Var Non-product Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$598,821	\$481,097	(\$1,079,918)	(\$83,892)	(\$110,001)	(\$67,944)	(\$261,837)
Storage Var Non-Product Collections	\$64,919	\$61,636	\$57,469	\$73,796	\$151,951	\$316,202	\$536,269	\$580,070	\$462,794	\$369,761	\$184,489	\$111,337	\$2,970,693
Prelim. Ending Balance	(\$1,053,239)	(\$1,117,476)	(\$1,177,714)	(\$1,254,343)	(\$1,408,945)	(\$1,727,886)	(\$1,667,808)	(\$1,768,585)	(\$3,312,945)	(\$3,769,297)	(\$4,067,426)	(\$4,250,868)	
Month's Average Balance	(\$1,020,779)	(\$1,086,658)	(\$1,148,979)	(\$1,217,445)	(\$1,332,970)	(\$1,569,785)	(\$1,699,083)	(\$1,719,098)	(\$2,541,589)	(\$3,542,470)	(\$3,920,181)	(\$4,161,228)	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	(\$2,601)	(\$2,769)	(\$2,833)	(\$2,652)	(\$2,739)	(\$2,473)	(\$1,804)	(\$1,648)	(\$2,698)	(\$3,640)	(\$4,162)	(\$4,275)	(\$34,293)
Storage Var Non-Product Ending Bal.	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,256,994)	(\$1,411,684)	(\$1,730,359)	(\$1,669,611)	(\$1,770,233)	(\$3,315,644)	(\$3,772,937)	(\$4,071,588)	(\$4,255,144)	
GCR Deferred Summary													
Beginning Balance	(\$6,489,662)	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$5,317,339	\$15,049,629	\$25,024,608	\$33,316,674	\$28,286,762	\$22,299,691	\$10,096,389	\$4,666,947	
Gas Costs	\$9,188,455	\$10,707,589	\$9,114,352	\$16,814,985	\$29,721,272	\$43,799,522	\$57,057,369	\$46,978,537	\$36,025,019	\$20,354,973	\$11,159,760	\$9,261,748	\$300,183,580
Working Capital	\$39,253	\$45,807	\$38,905	\$72,180	\$225,865	\$333,264	\$434,465	\$357,622	\$274,087	\$153,509	\$83,077	\$68,223	\$2,126,255
Total Costs	\$9,227,708	\$10,753,396	\$9,153,256	\$16,887,165	\$29,947,137	\$44,132,786	\$57,491,833	\$47,336,159	\$36,299,105	\$20,508,481	\$11,242,837	\$9,329,972	\$302,309,835
Collections	\$8,050,200	\$8,383,280	\$7,287,850	\$10,467,168	\$20,235,750	\$35,139,101	\$49,230,720	\$52,395,592	\$42,313,014	\$32,728,417	\$16,680,111	\$10,679,137	\$293,590,341
Prelim. Ending Balance	(\$5,312,155)	(\$2,957,074)	(\$1,102,221)	\$5,312,759	\$15,028,725	\$24,043,314	\$33,285,722	\$28,257,241	\$22,272,853	\$10,079,755	\$4,659,115	\$3,317,782	
Month's Average Balance	(\$5,900,908)	(\$4,142,132)	(\$2,034,924)	\$2,102,760	\$10,173,032	\$19,546,471	\$29,155,165	\$30,786,957	\$25,279,808	\$16,189,723	\$7,377,752	\$3,992,365	
Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.56%	2.50%	1.85%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
Interest Applied	(\$15,035)	(\$10,554)	(\$5,018)	\$4,580	\$20,903	\$30,792	\$30,952	\$29,522	\$26,838	\$16,633	\$7,833	\$4,102	\$141,549
Gas Purchase Plan Incentives/(Penalties)	\$0	\$0	\$0	\$0	\$0	\$950,502	\$0	\$0	\$0	\$0	\$0	\$0	
Ending Bal. W/ Interest	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$5,317,339	\$15,049,629	\$25,024,608	\$33,316,674	\$28,286,762	\$22,299,691	\$10,096,389	\$4,666,947	\$3,321,883	
Under/(Over)-collection	\$1,177,508	\$2,370,116	\$1,865,406	\$6,419,997	\$9,711,387	\$8,993,685	\$8,261,114	(\$5,059,433)	(\$6,013,909)	(\$12,219,936)	(\$5,437,274)	(\$1,349,166)	

Projected Gas costs using	1.1.00	A 00	0 00	0-4-00	No. 00	D 00	I== 00	F-1- 00	M 00	A 00	M 00	l 00	hal han
07-13-2009 NYMEX	Jul-08 actual	Aug-08 actual	Sep-08 actual	Oct-08 actual	Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 actual	Apr-09 actual	May-09 actual	Jun-09 actual	Jul - Jun
SUPPLY FIXED COSTS - Pipeline & Supplier	actual	actual	actuai	actual	actual	actual	actual	actual	actual	actual	actual	actual	
Merrill Lynch	(\$505,200)	(\$673,841)	(\$669,199)	(\$520,374)	(\$571,083)	(\$165,087)	(315,516)	(89,448)	(186,131)	\$13,278			
Algonquin	\$603,757	\$626,975	\$485,758	\$893,765	\$696,699	\$660,748	\$658,696	\$665,662	\$658,696	\$546,189	\$730,679	\$655,475	\$7,883,099
Texas Eastern	*,	** ***	,,	*,	\$0	\$0	\$0	\$0	\$0	*,	*	*****	\$0
TETCO/Texas Eastern	\$597,759	\$697,613	\$556,405	\$310,541	\$537,403	\$512,721	\$527,921	\$552,519	\$544,453	\$544,552	\$776,938	\$525,487	\$6,684,312
Tennessee	\$1,512,738	\$733,592	\$729,222	\$786,680	\$713,379	\$711,520	\$705,562	\$694,581	\$698,234	\$696,712	\$785,021	\$694,251	\$9,461,491
NETNE													\$0
Nova													\$0
Transcanada													\$0
Dominion					\$35,201	\$34,521	\$35,201	\$35,201	\$34,521	\$2,340	\$2,340	\$2,340	\$181,665
Transco Columbia	\$283,259	\$283,259	\$283,259	\$283,164	\$0 \$283,164	\$0 \$283,164	\$0 \$283,164	\$0 \$283,164	\$0 \$282,120	\$282,120	\$0 \$282,120	\$0 \$319,428	\$0 \$3,431,385
Hubline	Ψ203,233	Ψ203,233	Ψ203,233	Ψ203,104	Ψ203,10 4	Ψ203,104	Ψ203,10 4	Ψ203,104	Ψ202,120	Ψ202,120	Ψ202,120	ψ313,420	\$0
Westerly Lateral	\$63,370	\$59,857	\$59,483	\$61,446	\$61,453	\$61,426	\$63,479	\$57.194	\$51,235			\$60.149	\$599,092
Others	\$330,225	\$316,724	\$322,775	\$324,457	\$320,962	\$316,511	(\$53,970)	\$295,873	\$73,141	\$175,541	\$548,537	\$210,279	\$3,181,056
Less Credits from Insourcing	*,	**	, ,	* - / -	*,	*/-	(******	*,-	*	\$83,333	\$83,333	\$83,333	\$250,000
Less Credits from Mkter Releases	\$0	\$0	\$0	\$0		\$408,849	\$259,596	\$490,422	\$398,616	\$411,517	\$450,405	\$442,022	\$2,861,427
TOTAL SUPPLY FIXED COSTS - Pipeline & Supplier	\$2,885,908	\$2,044,179	\$1,767,703	\$2,139,679	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$1,942,053	\$28,560,674
STORAGE FIXED COSTS - Facilities													
Texas Eastern SS-1 Demand	(\$2,770)	\$200,720	\$97,212	\$22,306	\$87,900	\$87,903	\$87,886	\$87,830	\$88,258	\$84,360	\$82,280	\$86,996	\$1,010,881
Texas Eastern SS-1 Capacity													\$0
Texas Eastern FSS-1 Demand													\$0
Texas Eastern FSS-1 Capacity										***			\$0
Dominion GSS Demand	\$128,858	\$83,367	\$83,367	\$177,130	\$83,366	\$83,507	\$83,435	\$83,435	\$83,456	\$83,456	\$83,456	\$36,525	\$1,093,359
Dominion GSS Capiacity Dominion GSS-TE Demand													\$0 \$0
Dominion GSS-TE Capacity													\$0 \$0
Tennessee FSMA Demand	\$79,792	\$43,164	\$35,853	\$38,704	\$39,428	\$39,428	\$34,310	\$40,153	\$39,428	\$39,428	\$39,428	\$39,428	\$508,545
Tennessee FSMA Capacity	Ψ. 0,. 02	ψ10,101	ψου,σσσ	φοσ, το τ	ψου, .20	ψου, .20	φο 1,010	ψ.ιο,οο	400,120	ψου, 120	φου, 120	ψου, .20	\$0
Columbia FSS Demand	\$9,750	\$9,750	\$9,750	\$9,745	\$9,745	\$9,745	\$9,745	\$9,745	\$9,725	\$9,745		(\$9,725)	\$87,720
Columbia FSS Capacity													\$0
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	\$373,130	\$494,501	\$383,682	\$405,385	\$377,939	\$378,083	\$372,876	\$378,663	\$378,367	\$374,489	\$362,665	\$310,725	\$4,590,504
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 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											(\$965)		
Conoco											\$560,448		
Williams													
STORAGE DELIVERY FIXED COST \$	\$370,728	\$355,984	\$368,922	\$728,457	\$328,387	\$600,420	\$712,277	\$380,501	\$596,589	\$473,610	\$1,004,105	\$422,608	\$5,527,705
TOTAL STORAGE FIXED	\$743,858	\$850,485	\$752,604	\$1,133,842	\$706,326	\$978,503	\$1,085,153	\$759,164	\$974,956	\$848,099	\$1,366,769	\$733,332	\$10,933,091
TOTAL FIXED COSTS	\$3,629,766	\$2,894,664	\$2,520,307	\$3,273,521	\$2,783,504	\$2,985,178	\$2,730,094	\$2,763,488	\$2,732,609	\$2,613,981	\$3,958,666	\$2,675,386	\$35,561,164

Projected Gas costs using 07-13-2009 NYMEX	Jul-08 actual	Aug-08 actual	Sep-08 actual	Oct-08 actual	Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 actual	Apr-09 actual	May-09 actual	Jun-09 actual	Jul - Jun
VARIABLE SUPPLY COSTS (Includes Injections)													
Tennessee Zone 0 Tennessee Zone 1 Tennessee Connexion Tennessee Dracut TETCO STX TETCO ELA TETCO WLA TETCO WLA TETCO WIA M3 Delivered Maumee Supplemental Broadrun Col Columbia AGT	(\$1,928)	\$2,028	\$0	\$0	\$174,060	\$372,099	(\$475,370)	\$15,221	\$19,385	\$10,642	\$42,612		\$158,649 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Dominion to B&W Dominion to TETCO FTS Transco at Wharton ANE to Tennessee Niagara to Tennessee TETCO to B & W	(\$94,434)	\$0	\$0	\$0	\$2,695	\$3,062	\$3,523	\$3,829	\$179	\$1,731	\$279		\$15,298 \$0 \$0 (\$94,434) \$0 \$0
DistriGas FCS Hubline					\$627,493 \$0	\$1,253,616 (\$15,330)	\$1,441,960 \$0	\$3,089,011 \$0	\$661,128 \$0	\$570,261 \$0	\$0 \$0		\$7,643,469 (\$15,330)
Suppliers Total Pipeline Commodity Charges Hedging Costs of Injections	\$7,451,627 \$5,594,451 (\$1,760,814)	\$11,153,292 \$10,716,796 (\$438,524)	\$7,307,824 \$7,332,123 \$24,299	\$11,601,477 \$12,455,333 \$853,856	\$19,826,952 \$20,631,200 \$5,685,821	\$30,210,771 \$31,824,218 \$7,825,066	\$42,316,949 \$43,287,062 \$8,653,781 \$0	\$26,657,358 \$29,765,419 \$14,662,194	\$19,715,729 \$20,396,421 \$13,603,541	\$8,883,088 \$9,465,722 \$7,732,609	\$2,034,605 \$2,077,495 \$4,864,551	\$2,668,278 \$2,668,278 \$3,257,085	\$7,707,751 \$64,963,464 \$0
TOTAL VARIABLE SUPPLY COSTS	\$5,594,451	\$10,716,796	\$7,332,123	\$12,455,333	\$26,317,021	\$39,649,284	\$51,940,843	\$44,427,613	\$33,999,962	\$17,198,331	\$6,942,046	\$5,925,362	\$262,499,165
VARIABLE STORAGE COSTS													
Underground Storage LNG Withdrawals/Westerly Trucking LP	\$0 \$138,890 \$0	\$0 \$159,479 \$0	\$0 \$169,734 \$0	\$0 \$238,700 \$0	\$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	\$10,405 \$169,989	\$612,794 \$6,777,452 \$0
TOTAL VARIABLE STORAGE COSTS	\$138,890	\$159,479	\$169,734	\$238,700	\$752,235	\$1,431,628	\$2,056,513	\$818,537	\$565,503	\$701,316	\$177,317	\$180,393	\$7,390,246
TOTAL VARIABLE COSTS	\$5,733,341	\$10,876,275	\$7,501,857	\$12,694,033	\$27,069,256	\$41,080,912	\$53,997,356	\$45,246,150	\$34,565,465	\$17,899,647	\$7,119,363	\$6,105,756	\$269,889,411
TOTAL SUPPLY COSTS AFTER CREDITS	\$9,363,107	\$13,770,939	\$10,022,164	\$15,967,554	\$29,852,760	\$44,066,090	\$56,727,450	\$48,009,638	\$37,298,074	\$20,513,628	\$11,078,030	\$8,781,141	\$305,450,575
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	\$373,130 \$370,728 \$0 \$0 \$0	\$494,501 \$355,984 \$0 \$0 \$0	\$383,682 \$368,922 \$0 \$0 \$0	\$405,385 \$728,457 \$0 \$0 \$0	\$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	\$310,725 \$422,608 \$0 \$11,057 \$56,372	\$4,590,504 \$6,342,587 \$1,189 \$33,418 \$226,436
Total Storage Costs	\$743,858	\$850,485	\$752,604	\$1,133,842	\$706,326	\$978,503	\$1,085,153	\$759,164	\$974,956	\$932,545	\$1,475,937	\$800,762	\$11,194,134
Pipeline Variable Less Non-firm Gas Costs Less Company Use Less Manchester St Balancing Plus Cashout	\$5,594,451 \$310,623 \$65,503 \$12,816 \$0	\$10,716,796 \$2,629,278 \$56,361 \$10,054 \$0	\$7,332,123 \$797,163 \$37,401 \$9,722 \$0	\$12,455,333 \$728,540 \$18,923 \$4,683 \$0	\$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	\$5,925,362 \$129,713 (\$9,616) (\$8,631)	\$262,499,165 \$5,133,548 \$1,107,896 \$73,544
Less Mkter Over-takes Less Mkter W/drawals Plus Mkter Undertakes Plus Mkter Injections Storage Service Charge	\$239,913 (\$2,075) \$117,399 \$0	\$514,834 (\$4,890) (\$198,710) \$0	\$203,188 \$258,936 \$57,571 \$0	\$120,610 (\$194,188) \$1,204,037 \$0	\$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	\$2,684 (\$3,804) \$108,968 \$0	\$3,917,974 \$711,947 \$2,328,937 \$37,150
Storage Service Charge Plus Pipeline Srchg/Credit	\$237,398	\$244,919	\$243,595	\$235,539	\$240,491	\$246,783	\$201,068	\$158,340	\$137,810	\$167,750	\$158,336	\$169,716	\$2,441,746
TOTAL FIRM COMMODITY COSTS	\$5,322,469	\$7,557,368	\$6,326,879	\$13,216,341	\$26,151,719	\$39,470,206	\$51,194,735	\$43,667,544	\$33,798,176	\$16,808,105	\$6,754,846	\$6,093,700	\$256,362,089

	Jul-08 actual	Aug-08 actual	Sep-08 actual	Oct-08 actual	Nov-08 actual
I. Supply Fixed Cost Collections					
(a) Resid. & Small C & I dth	548,396	519,103	425,476	576,734	1,239,954
Supply Fixed Cost Factor	\$1.0735	\$1.0383	\$1.0745	\$1.0692	\$1.0774
Res & Small C & I collections	\$588,700	\$538,979	\$457,153	\$616,655	\$1,335,903
(b) C & I Medium dth	128,312	122,016	90,061	210,385	239,833
Supply Fixed Cost Factor	\$1.0280	\$0.9956	\$1.0307	\$1.0180	\$1.0204
C & I Medium collections	\$131,905	\$121,481	\$92,829	\$214,172	\$244,715
(c) C & I Large LLF dth	20,823	16,773	18,583	20,549	92,467
Supply Fixed Cost Factor	\$1.0208	\$0.9860	\$1.0219	\$1.0104	\$1.0106
C & I Large LLF collections	\$21,256	\$16,539	\$18,990	\$20,762	\$93,450
(d) C & I Large HLF dth	27,485	29,741	31,675	25,770	35,774
Supply Fixed Cost Factor	\$0.9161	\$0.8822	\$0.8916	\$0.9327	\$0.9452
C & I Large HLF collections	\$25,180	\$26,238	\$28,242	\$24,036	\$33,812
(e) C & I Extra Large LLF dth	7,677	5,712	2,379	4,464	17,640
Supply Fixed Cost Factor	\$1.0100	\$0.9494	\$1.0025	\$1.0022	\$1.0024
C & I XL LLF collections	\$7,754	\$5,423	\$2,385	\$4,474	\$17,682
(f) C & I Extra Large HLF dth	18,683	21,018	32,329	37,117	38,746
Supply Fixed Cost Factor	\$0.8536	\$0.8142	\$0.8420	\$0.8420	\$0.8420
C & I XL HLF collections	\$15,948	\$17,113	\$27,222	\$31,254	\$32,625
sub-total Dth	751,376	714,363	600,503	875,019	1,664,414
sub-total Supply Fixed Collections	\$790,743	\$725,773	\$626,821	\$911,353	\$1,758,187
II. Storage Fixed Cost Collections					
(a) Resid. & Small C & I dth	548,396	519,103	425,476	576,734	1,239,954
Storage Fixed Cost Factor	\$0.3778	\$0.3654	\$0.3781	\$0.3763	\$0.3792
Res & Small C & I collections	\$207,185	\$189,685	\$160,889	\$217,023	\$470,152
(b) C & I Medium dth	128,312	122,016	90,061	210,385	239,833
Storage Fixed Cost Factor	\$0.4132	\$0.4002	\$0.4143	\$0.4092	\$0.4101
C & I Medium collections	\$53,018	\$48,828	\$37,312	\$86,084	\$98,361
(c) C & I Large LLF dth	20,823	16,773	18,583	20,549	92,467
Storage Fixed Cost Factor	\$0.4637	\$0.4479	\$0.4641	\$0.4590	\$0.4591
C & I Large LLF collections	\$9,655	\$7,513	\$8,625	\$9,431	\$42,447
(d) C & I Large HLF dth	27,485	29,741	31,675	25,770	35,774
Storage Fixed Cost Factor	\$0.3098	\$0.2983	\$0.3015	\$0.3154	\$0.3196
C & I Large HLF collections	\$8,516	\$8,873	\$9,551	\$8,129	\$11,435
(e) C & I XL LLF dth	7,677	5,712	2,379	4,464	17,640
Storage Fixed Cost Factor	\$0.4398	\$0.4133	\$0.4363	\$0.4364	\$0.4364
C & I XL LLF collections	\$3,376	\$2,361	\$1,038	\$1,948	\$7,698
(f) C & I XL HLF dth	18,683	21,018	32,329	37,117	38,746
Storage Fixed Cost Factor	\$0.2760	\$0.2632	\$0.2722	\$0.2722	\$0.2722
C & I XL HLF collections	\$5,156	\$5,532	\$8,800	\$10,104	\$10,547
(g) FT-2 dth	(50,828)	29,441	71,741	(8,781)	108,548
Storage Fixed Cost Factor	(\$0.0538)	\$0.4052	\$0.4052	\$0.4052	\$0.4052
FT-2 collection	\$2,733	\$11,929	\$29,069	(\$3,558)	\$43,984
sub-total Dth	700,548	743,804	672,244	866,238	1,772,962
sub-total Storage Fixed Collections	\$289,639	\$274,721	\$255,284	\$329,161	\$684,624

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
	actual	actual	actual	actual	actual
III. Variable Supply Cost Collection	<u>ıs</u>				
(a) Firm Sales dth Variable Supply Cost Factor Variable Supply collections	751,376	714,363	600,503	875,019	1,664,414
	\$7.6859	\$8.8557	\$9.1518	\$8.9835	\$9.2925
	\$5,774,967	\$6,326,210	\$5,495,700	\$7,860,760	\$15,466,501
(b) TSS Sales dth	656	547	841	2,486	3,615
TSS Variable Supply Cost F.	\$3.9270	\$1.1350	\$0.3930	\$0.00	\$0.00
TSS Surcharge collections	\$2,576	\$621	\$331	\$0	\$0
(c) NGV Sales dth	1,141	2,230	-43	833	1,080
Variable Supply Cost Factor	\$7.7344	\$7.7350	\$7.7442	\$7.7347	\$7.7352
Variable Supply collections	\$8,825	\$17,249	(\$333)	\$6,443	\$8,354
(d) Default Sales dth	5,078	2,688	2,757	16,604	(10,666)
Variable Supply Cost Factor	\$16.69	\$12.03	\$10.53	\$9.35	\$10.04
Variable Supply collections	\$84,726	\$32,337	\$29,031	\$155,164	(\$117,433)
TOTAL Variable Supply Collections	\$5,871,095	\$6,376,416	\$5,524,729	\$8,022,367	\$15,357,422
IVa. Storage Variable Product Cos	t Collections				
(a) Firm Sales dth	751,376	714,363	600,503	875,019	1,664,414
Variable Supply Cost Factor	\$1.3698	\$1.3241	\$1.3685	\$1.3626	\$1.3717
Stor Var Product collections	\$1,029,239	\$945,886	\$821,818	\$1,192,319	\$2,283,078
IVb. Storage Variable Non-product	Cost Collection	s			
(a) Firm Sales dth Variable Supply Cost Factor Stor Var Non-Product collec (b) FT-2 dth Variable Supply Cost Factor Stor Var Non-Product collec	751,376	714,363	600,503	875,019	1,664,414
	\$0.0856	\$0.0828	\$0.0856	\$0.0852	\$0.0880
	\$64,346	\$59,136	\$51,378	\$74,542	\$146,496
	(50,828)	29,441	71,741	(8,781)	55,279
	(\$0.0113)	\$0.0849	\$0.0849	\$0.0850	\$0.0987
	\$573	\$2,500	\$6,091	(\$746)	\$5,455
(c) Total Firm Sales/FT-2 dth	700,548	743,804	672,244	866,238	1,719,693
Stor Var Non-Product collec	\$64,919	\$61,636	\$57,469	\$73,796	\$151,951
Total Gas Cost Collections	\$8,045,635	\$8,384,432	\$7,286,121	\$10,528,996	\$20,235,262

Actual numbers reflect new structure approved in Dkt 3982 issued 12/01/08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09
	actual	actual	actual	actual	actual	actual	actual
I. Supply Fixed Cost Collections							
(a) RH, SM, Med C & I dth	2,621,471	4,203,177	4,519,766	3,610,908	2,699,301	1,399,137	795,014
Supply Fixed Cost Factor	\$0.9635	\$0.7613	\$0.7786	\$0.7789	\$0.7778	\$0.7793	\$0.7802
Res & Small C & I collections	\$2,525,737	\$3,199,868	\$3,518,975	\$2,812,641	\$2,099,440	\$1,090,374	\$620,282
(b) Res Non-Heat dth	75,675	107,166	104,454	87,796	80,975	51,342	39,059
Supply Fixed Cost Factor Res Non-heat collections	\$0.8239 \$62,350	\$0.5402 \$57,891	\$0.5443 \$56,856	\$0.5568 \$48,884	\$0.5570 \$45,102	\$0.5678 \$29,150	\$0.5473 \$21,376
(c) C & I Large LLF dth	140.040	207 222	400.000	101.070	474.000	25.005	20.640
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	39,649 \$0.6926
C & I Large LLF collections	\$136,671	\$161,748	\$144,435	\$127,517	\$124,141	\$30,590	\$27,460
(d) C & I Large HLF dth	42.621	55,007	50.622	43,136	39.064	27,502	23.391
Supply Fixed Cost Factor	\$0.7135	\$0.5470	\$0.5409	\$0.5409	\$0.5329	\$0.5561	\$0.7783
C & I Large HLF collections	\$30,410	\$30,088	\$27,380	\$23,332	\$20,818	\$15,295	\$18,205
(e) C & I Extra Large LLF dth	28,564	39,118	26,091	22,290	24,379	11,739	109,734
Supply Fixed Cost Factor	\$0.9064	\$0.7783	\$0.7783	\$0.7666	\$0.7783	\$0.7782	\$0.0550
C & I XL LLF collections	\$25,891	\$30,445	\$20,306	\$17,087	\$18,974	\$9,136	\$6,039
(f) C & I Extra Large HLF dth	34,887	79,368	(5,295)	15,222	53,580	24,431	23,910
Supply Fixed Cost Factor	\$0.7103	\$0.6431	\$0.5314	\$0.6797	\$0.5754	\$0.4510	\$0.6015
C & I XL HLF collections	\$24,781	\$51,038	(\$2,814)	\$10,347	\$30,832	\$11,019	\$14,383
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	1,030,758 \$707,745
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II. Storage Fixed Cost Collections							
(a) RH, SM, Med C & I dth	2,621,471	4,203,177	4,519,766	3,610,908	2,699,301	1,399,137	795,014
Storage Fixed Cost Factor	\$0.3610	\$0.3015	\$0.3083	\$0.3084	\$0.3080	\$0.3086	\$0.3090
Res & Small C & I collections	\$946,399	\$1,267,120	\$1,393,483	\$1,113,781	\$831,360	\$431,779	\$245,626
(b) Res Non-Heat dth	75,675	107,166	104,454	87,796	80,975	51,342	39,059
Storage Fixed Cost Factor Res Non-heat collections	\$0.3025 \$22,892	\$0.2145 \$22,990	\$0.2162 \$22,579	\$0.2211 \$19,413	\$0.2212 \$17,910	\$0.2255 \$11,576	\$0.2173 \$8,489
(c) C & I Large LLF dth	149,246	207,332	189,683	161,876	171,866	25,095	39,649
Storage Fixed Cost Factor	\$0.3927	\$0.3089	\$0.3015	\$0.3119	\$0.2860	\$0.4827	\$0.2743
C & I Large LLF collections	\$58,616	\$64,051	\$57,195	\$50,496	\$49,159	\$12,113	\$10,874
(d) C & I Large HLF dth	42,621	55,007	50,622	43,136	39,064	27,502	23,391
Storage Fixed Cost Factor	\$0.2570	\$0.2172	\$0.2148	\$0.2148	\$0.2116	\$0.2208	\$0.3091
C & I Large HLF collections	\$10,953	\$11,948	\$10,873	\$9,266	\$8,267	\$6,073	\$7,229
(e) C & I XL LLF dth	28,564	39,118	26,091	22,290	24,379	11,739	109,734
Storage Fixed Cost Factor C & I XL LLF collections	\$0.3790 \$10,826	\$0.3082 \$12,056	\$0.3082 \$8,041	\$0.3035 \$6,766	\$0.3082 \$7,513	\$0.3082 \$3,618	\$0.0218 \$2,391
(f) C & I XL HLF dth Storage Fixed Cost Factor	34,887 \$0.2502	79,368 \$0.2265	(5,295) \$0.1871	15,222 \$0.2394	53,580 \$0.2026	24,431 \$0.1588	23,910 \$0.2118
C & I XL HLF collections	\$8,727	\$17,973	(\$991)	\$3,644	\$10,858	\$3,880	\$5,065
(g) FT-2 dth	99.142	195.879	319.615	190.660	82.020	105.995	65.876
Storage Fixed Cost Factor	\$0.3817	\$0.3151	\$0.3152	\$0.3152	\$0.3152	\$0.3152	\$0.3152
FT-2 collection	\$37,847	\$61,731	\$100,727	\$60,087	\$25,849	\$33,405	\$20,761
FT-2 collection sub-total Dth	\$37,847 3,051,606	\$61,731 4,887,047	\$100,727 5,204,936	\$60,087 4,131,889	\$25,849 3,151,185	\$33,405 1,645,241	\$20,761 1,096,633

Actual numbers reflect new structure approved in Dkt 3982 issued 12/01/08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09
	actual	actual	actual	actual	actual	actual	actual
III. Variable Supply Cost Collections							
(a) Firm Sales dth	2,947,113	4,691,168	4,884,146	3,943,787	3,067,239	1,554,928	1,037,170
Variable Supply Cost Factor	\$9.0710	\$8.0134	\$8.1824	\$8.1904	\$8.1297	\$8.1562	\$7.3676
Variable Supply collections	\$26,733,125	\$37,592,032	\$39,964,110	\$32,301,325	\$24,935,675	\$12,682,283	\$7,641,440
(b) TSS Sales dth TSS Variable Supply Cost F. TSS Surcharge collections	5,351	11,370	(410)	10,937	(3,896)	23,845	15,267
	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(c) NGV Sales dth	1,389	1,561	1,561	1,545	1,462	1,229	882
Variable Supply Cost Factor	\$7.7351	\$7.4990	\$8.1807	\$8.1815	\$8.1815	\$8.1815	\$8.1815
Variable Supply collections	\$10,744	\$11,706	\$12,770	\$12,643	\$11,964	\$10,054	\$7,220
(d) Default Sales dth	46	87	0	2	4,896	1,705	61,411
Variable Supply Cost Factor	\$12.7100	\$12.4350	\$10.9750	\$10.9750	\$10.9750	\$10.9750	\$10.9750
Variable Supply collections	\$585	\$1,086	\$0	\$19	\$53,732	\$18,709	\$673,987
TOTAL Variable Supply Collections	\$26,744,454	\$37,604,824	\$39,976,880	\$32,313,986	\$25,001,371	\$12,711,046	\$8,322,646
IVa. Storage Variable Product Cost Col	lections						
(a) Firm Sales dth	2,947,113	4,691,168	4,884,146	3,943,787	3,067,239	1,554,928	1,037,170
Variable Supply Cost Factor	\$1.4056	\$1.2972	\$1.3245	\$1.3258	\$1.3160	\$1.3203	\$1.1926
Stor Var Product collections	\$4,142,409	\$6,085,302	\$6,469,288	\$5,228,856	\$4,036,522	\$2,052,974	\$1,236,974
IVb. Storage Variable Non-product Cos	t Collections						
(a) Firm Sales dth	2,952,464	4,691,168	4,885,321	3,941,229	3,069,165	1,539,246	1,030,758
Variable Supply Cost Factor	\$0.1035	\$0.1106	\$0.1129	\$0.1131	\$0.1121	\$0.1137	\$0.1023
Stor Var Non-Product collec	\$305,460	\$518,748	\$551,481	\$445,740	\$344,097	\$175,008	\$105,444
(b) FT-2 dth	99,142	195,879	319,615	190,660	82,020	105,995	65,876
Variable Supply Cost Factor	\$0.1083	\$0.0894	\$0.0894	\$0.0894	\$0.0895	\$0.0894	\$0.0895
Stor Var Non-Product collec	\$10,742	\$17,521	\$28,589	\$17,054	\$7,337	\$9,481	\$5,893
Total Firm Sales/FT-2 dth	3,051,606	4,887,047	5,204,936	4,131,889	3,151,185	1,645,241	1,096,633
Stor Var Non-Product collec	\$316,202	\$536,269	\$580,070	\$462,794	\$351,434	\$184,489	\$111,337
Total Gas Cost Collections	\$35,105,165	\$49,215,342	\$52,383,283	\$42,308,897	\$32,679,550	\$16,636,517	\$10,679,137

National Grid Rhode Island Service Area Gas Cost Inventory Financing Calculation

Line <u>No.</u>	Description (a)	Reference (b)	<u>Jul-08</u> (c)	<u>Aug-08</u> (d)	<u>Sep-08</u> (e)	Oct-08 (f)	<u>Nov-08</u> (g)	<u>Dec-08</u> (h)	<u>Jan-09</u> (i)	<u>Feb-09</u> (j)	<u>Mar-09</u> (k)	<u>Apr-09</u> (I)	<u>May-09</u> (m)	<u>Jun-09</u> (n)	<u>Total</u> (o)
	Storage Inventory Balance Hedging		\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$5,629,465	\$17,877,235 \$1,849,310	\$20,125,174 \$4,089,668	\$23,021,875 \$6,261,058	
4	Subtotal Cost of Capital Return on Working Capital Requirement	(1) + (2) Rate Case (3) * (4)	\$5,629,465 9.13% \$514,185	\$5,629,465 9.13% \$514,185	\$5,629,465 9.13% \$514,185	\$5,629,465 9.13% \$514,185	\$5,629,465 8.71% \$490,496	\$5,629,465 8.71% \$490,496	\$5,629,465 8.71% \$490,496	\$5,629,465 8.71% \$490,496	\$5,629,465 8.71% \$490,496	\$19,726,545 8.71% \$1,718,776	\$24,214,842 8.71% \$2,109,842	\$29,282,932 8.71% \$2,551,425	\$10.889.262
6	Weighted Cost of Debt	Rate Case	4.23%	4.23%	4.23%	4.23%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	, ,,,,,,
	Interest Charges Financed Taxable Income	(1) * (6)	\$238,059 \$276,125	\$238,059 \$276.125	\$238,059 \$276,125	\$238,059 \$276,125	\$208,485 \$282,011	\$208,485 \$282.011	\$208,485 \$282.011	\$208,485 \$282,011	\$208,485 \$282.011	\$730,565 \$988.211	\$896,787 \$1,213,055	\$1,084,482 \$1,466,943	\$4,706,498
9	1 - Combined Tax Rate Return and Tax Requirement	(5) - (7) Rate Case (8) / (9)	0.6500 \$424,808	0.6500 \$424,808	0.6500 \$424,808	0.6500 \$424,808	0.6500 \$433,863	0.6500 \$433,863	0.6500 \$433,863	0.6500 \$433,863	0.6500 \$433,863	0.6500 \$1,520,325	0.6500 \$1,866,238	0.6500 \$2,256,836	\$9,511,945
11	Working Capital Requirement	(7) + (10)	\$662,867	\$662,867	\$662,867	\$662,867	\$642,348	\$642,348	\$642,348	\$642,348	\$642,348	\$2,250,890	\$2,763,025	\$3,341,318	\$14,218,443
12	Monthly Average	(11) / 12	\$55,239	\$55,239	\$55,239	\$55,239	\$53,529	\$53,529	\$53,529	\$53,529	\$53,529	\$187,574	\$230,252	\$278,443	\$1,184,870
14	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	Rate Case (13) * (14)	\$6,784,235 9.13% \$619,659	\$7,161,303 9.13% \$654,100	\$7,602,268 9.13% \$694,377	\$7,993,140 9.13% \$730,078	\$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	\$6,638,851
	Weighted Cost of Debt Interest Charges Financed	Rate Case (13) * (16)	4.23% \$286,892	4.23% \$302,838	4.23% \$321,485	4.23% \$338,015	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	\$2,924,197
19	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(15) - (17) Rate Case (18) / (19)	\$332,767 0.6500 \$511,949	\$351,262 0.6500 \$540,403	\$372,891 0.6500 \$573,679	\$392,064 0.6500 \$603,175	\$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	\$5,714,853
21	Working Capital Requirement	(17) + (20)	\$798,841	\$843,241	\$895,164	\$941,189	\$857,067	\$798,706	\$662,214	\$593,067	\$561,777	\$570,839	\$550,372	\$566,573	\$8,639,050
22	Monthly Average	(21) / 12	\$66,570	\$70,270	\$74,597	\$78,432	\$71,422	\$66,559	\$55,184	\$49,422	\$46,815	\$47,570	\$45,864	\$47,214	\$719,921
23	System Balancing Factor	Rate Case	20.39%	20.39%	20.39%	20.39%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	
24	Balancing Related Inventory Costs	(22) * (23)	\$13,574	\$14,328	\$15,210	\$15,992	\$11,999	\$11,182	\$9,271	\$8,303	\$7,865	\$7,992	\$7,705	\$7,932	\$131,353
25	Supply Related Inventory Costs	(22) - (24)	\$52,996	\$55,942	\$59,387	\$62,440	\$59,423	\$55,377	\$45,913	\$41,119	\$38,950	\$39,578	\$38,159	\$39,282	\$588,568

National Grid Rhode Island Service Area Gas Cost Working Capital Calculation

	Gas Cost Working Capital Calculation														
Line <u>No.</u>	Description (a)	Reference (b)	<u>Jul-08</u> (c)	<u>Aug-08</u> (d)	<u>Sep-08</u> (e)	Oct-08 (f)	Nov-08 (g)	Dec-08 (h)	<u>Jan-09</u> (i)	<u>Feb-09</u> (j)	<u>Mar-09</u> (k)	<u>Apr-09</u> (I)	<u>May-09</u> (m)	<u>Jun-09</u> (n)	Total (o)
1	Supply Fixed Costs		\$2,885,908	\$2,044,179	\$1,767,703	\$2,139,679	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$1,942,053	\$24,628,072
2	Capacity Release Revenue		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
3	Allowable Working Capital Costs	(1) - (2)	\$2,885,908	\$2,044,179	\$1,767,703	\$2,139,679	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,757,653	\$1,765,882	\$2,591,897	\$1,942,053	\$24,628,072
4	Number of Days Lag	Rate Case	13.40	13.40	13.40	13.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
5	Working Capital Requirement	[(3) * (4)] / 365	\$105,948	\$75,047	\$64,896	\$78,553	\$138,858	\$134,145	\$109,963	\$133,988	\$117,498	\$118,048	\$173,267	\$129,825	
6	Cost of Capital	Rate Case	9.13%	9.13%	9.13%	9.13%	8.71%	8.71%	<u>8.71%</u>	<u>8.71%</u>	<u>8.71%</u>	<u>8.71%</u>	<u>8.71%</u>	<u>8.71%</u>	
7	Return on Working Capital Requirement	(5) * (6)	\$9,677	\$6,855	\$5,928	\$7,175	\$12,099	\$11,688	\$9,581	\$11,674	\$10,238	\$10,286	\$15,097	\$11,312	
8 9	Weighted Cost of Debt Interest Expense	Rate Case (5) * (8)	4.23% \$4,480	<u>4.23%</u> \$3,174	4.23% \$2,744	4.23% \$3,322	3.70% \$5,143	3.70% \$4,968	3.70% \$4,072	3.70% \$4,962	<u>3.70%</u> \$4,351	3.70% \$4,372	3.70% \$6,417	3.70% \$4,808	
10	Taxable Income	(7) - (9)	\$5,197	\$3,681	\$3,183	\$3,853	\$6,956	\$6,720	\$5,509	\$6,712	\$5,886	\$5,914	\$8,680	\$6,504	
	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
12	Return and Tax Requirement	(10) / (11)	\$7,995	\$5,663	\$4,897	\$5,928	\$10,702	\$10,339	\$8,475	\$10,326	\$9,056	\$9,098	\$13,354	\$10,006	
13	Supply Fixed Working Capital Requirement	(9) + (12)	\$ <u>12,475</u>	\$ <u>8,837</u>	\$ <u>7,642</u>	\$ <u>9,250</u>	\$ <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>14,814</u>	\$ <u>158,651</u>
14	Stavens Fixed Costs		\$743,858	POEO 40E	\$752.604	£4 422 042	\$700 aac	£070 E02	£4 005 450	\$759.164	\$974.956	\$848,099	£4 200 700	\$733,332	£40,022,004
15	Storage Fixed Costs Less: LNG Demand to DAC		\$56,282	\$850,485 \$56,282	\$56,282	\$1,133,842 \$56,282	\$706,326 \$26,460	\$978,503 \$35,994	\$1,085,153 \$98,428	\$39,623	\$77,112	\$57,601	\$1,366,769 \$54,260	\$57,009	\$10,933,091 \$671,615
	Less: Credits		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Plus: Supply Related LNG O&M Costs		\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	<u>\$546,980</u>
18	Allowable Working Capital Costs	(14) - (15) + (16)	\$730,817	\$837,444	\$739,563	\$1,120,801	\$723,107	\$989,762	\$1,033,979	\$766,794	\$945,098	\$837,751	\$1,359,762	\$723,577	\$10,808,457
19	Number of Days Lag	Rate Case	13.40	13.40	13.40	13.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
20	Working Capital Requirement	[(17) * (18)] / 365	\$26,830	\$30,745	\$27,151	\$41,147	\$48,339	\$66,165	\$69,121	\$51,260	\$63,179	\$56,003	\$90,899	\$48,371	
21	Cost of Capital	Rate Case	9.13%	9.13%	9.13%	9.13%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	
22	Return on Working Capital Requirement	(19) * (20)	\$2,451	\$2,808	\$2,480	\$3,758	\$4,212	\$5,765	\$6,023	\$4,466	\$5,505	\$4,880	\$7,920	\$4,215	
23	Weighted Cost of Debt	Rate Case	4.23%	4.23%	4.23%	4.23%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
24	Interest Expense	(19) * (22)	\$1,135	\$1,300	\$1,148	\$1,740	\$1,790	\$2,450	\$2,560	\$1,898	\$2,340	\$2,074	\$3,366	\$1,791	
25	Taxable Income	(19) - (23)	\$1,316	\$1,508	\$1,332	\$2,018	\$2,422	\$3,315	\$3,463	\$2,568	\$3,165	\$2,806	\$4,554	\$2,423	
26	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
27	Return and Tax Requirement	(24) / (25)	\$2,025	\$2,320	\$2,049	\$3,105	\$3,726	\$5,099	\$5,327	\$3,951	\$4,869	\$4,316	\$7,006	\$3,728	
28	Storage Fixed Working Capital Requirement	(23) + (26)	\$ <u>3,159</u>	\$ <u>3,620</u>	\$ <u>3,197</u>	\$ <u>4,845</u>	\$ <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>5,519</u>	\$ <u>71,113</u>
1	Supply Variable Costs		\$5,322,469	\$7,557,368	\$6,326,879	\$13,216,341	\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$33,798,176	\$16,808,105	\$6,754,846	\$6,093,700	\$256,362,089
	Less: Non-firm Sales Less: Variable Delivery Storage Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Less: Variable Injection Storage Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,100)	(\$11,260)	(\$11,057)	(\$33,418)
	Less: Fuel Costs Allocated to Storage		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$72,157)	(\$97,908)	(\$56,372)	(\$226,436)
2e	Less: Supply Refunds														\$0
	Total Credits	(1) (5)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	(\$83,257)	(\$109,168)	(\$67,429)	(\$259,854)
3	Allowable Working Capital Costs	(1) - (2)	\$5,322,469	\$7,557,368	\$6,326,879	\$13,216,341	\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$33,798,176	\$16,891,362	\$6,864,014	\$6,161,129	\$256,621,944
4	Number of Days Lag	Rate Case	13.40	13.40	13.40	13.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
	Working Capital Requirement	[(3) * (4)] / 365	\$195,400	\$277,449	\$232,274	\$485,203	\$1,748,225	\$2,638,556	\$3,472,210	\$2,869,269	\$2,259,385	\$1,129,176	\$458,855	\$411,867	
	Cost of Capital	Rate Case	9.13% \$47.047	9.13%	9.13%	9.13%	8.71%	8.71% \$220,000	8.71% \$202.524	8.71%	8.71% \$400.800	8.71% ************************************	8.71% \$20.000	8.71%	
7	Return on Working Capital Requirement	(5) * (6)	\$17,847	\$25,342	\$21,216	\$44,317	\$152,323	\$229,898	\$302,534	\$250,000	\$196,860	\$98,385	\$39,980	\$35,886	
8	Weighted Cost of Debt	Rate Case	4.23%	4.23%	4.23%	4.23%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
	Interest Expense	(5) * (8)	\$8,263	\$11,733	\$9,822	\$20,518	\$64,745	\$97,718	\$128,592	\$106,262	\$83,675	\$41,819	\$16,994	\$15,253	
		(=) (0)	00.55	^ 40 00 -	044.05-	A00 WG -	007.5	0400455	0.170.0:-	0440 ===	0440455	A =0.=5=	000.05-	000.05-	
	Taxable Income 1 - Combined Tax Rate	(7) - (9) Rate Case	\$9,584 0.6500	\$13,609 0.6500	\$11,393 0.6500	\$23,799 0.6500	\$87,578 0.6500	\$132,180 0.6500	\$173,942 0.6500	\$143,737 0.6500	\$113,185 0.6500	\$56,567 0.6500	\$22,987 0.6500	\$20,633 0.6500	
	Return and Tax Requirement	(10) / (11)	\$14,745	\$20,937	\$17,528	\$36,614	\$134,736	\$203.354	\$267,603	\$221,135	\$174,131	\$87,026	\$35,364	\$31,743	
12	Totalli and Tax Hogaliomoni	(10), (11)	Ψ1-1,1-10	Ψ20,001	ψ11,020	ψου,υ14	ψ10-1,100	Ψ200,004	Ψ201,000	Ψ22 1,100	ψ17-7,101	ψ01,020	ψου,σο ν	ψο 1,1-40	

National Grid Rhode Island Service Area Gas Cost Working Capital Calculation

	Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1														
Line		Deference	L.I.OO	A 00	C 00	0-4-00	New 00	D 00	lan 00	F=1-00	M== 00	A== 00	May 00	lum 00	Tatal
No.	<u>Description</u> (a)	Reference (b)	<u>Jul-08</u> (c)	<u>Aug-08</u> (d)	<u>Sep-08</u> (e)	Oct-08 (f)	Nov-08 (g)	<u>Dec-08</u> (h)	<u>Jan-09</u> (i)	<u>Feb-09</u> (j)	<u>Mar-09</u> (k)	<u>Apr-09</u> (I)	<u>May-09</u> (m)	<u>Jun-09</u> (n)	<u>Total</u> (o)
12	Supply Variable Working Capital Requirement	(9) + (12)	\$23,008	\$32,669	\$27,350	\$57,132	\$199,480	\$301,071	\$396,195	\$327,397	\$257,806	\$128,844	\$52,357	\$46,996	\$1,850,308
13	Supply Variable Working Sapital Requirement	(3) + (12)	Ψ <u>23,000</u>	Ψ <u>32,003</u>	Ψ <u>27,550</u>	Ψ <u>01,102</u>	Ψ <u>133,400</u>	Ψ <u>σσ1,σ71</u>	Ψ <u>330,133</u>	Ψ <u>321,331</u>	φ <u>237,000</u>	Ψ <u>120,044</u>	ψ <u>32,337</u>	\$ 40,330	ψ <u>1,030,300</u>
	Otana na Mariabla Basabast Ocata		£400.000	6450 470	£400 704	#000 7 00	A750.005	#4.404.000	#0.050.540	\$040 F07	# 505 500	₱ ₹04.040	M477 047	# 400.000	#7 000 040
14	Storage Variable Product Costs Less: Balancing Related LNG Commodity (to DAC	• • • • • • • • • • • • • • • • • • • •	\$138,890	\$159,479 (\$32,518)	\$169,734 (\$34,609)	\$238,700 (\$48,671)	\$752,235 (\$126,376)	\$1,431,628	\$2,056,513	\$818,537	\$565,503	\$701,316 (\$21,078)	\$177,317 (\$25,331)	\$180,393 (\$28,558)	\$7,390,246 (\$1,163,986)
	Plus: Supply Related LNG O&M Costs	·)	(\$28,320) \$30,455	\$30,455	\$30,455	\$30,455	\$32,857	(\$240,514) \$32,857	(\$345,494) \$32,857	(\$137,514) \$32,857	(\$95,005) \$32,857	\$32,857	\$32,857	\$32,857	\$384,678
	Allowable Working Capital Costs	(14) + (15) + (16)	\$141,026	\$157,417	\$165,581	\$220,485	\$658,717	\$1,223,972	\$1,743,876	\$713,880	\$503,356	\$713,095	\$184,843	\$184,692	\$6,610,938
.,	Allowable Working Suprial Costs	(14) 1 (10) 1 (10)	Ψ1-11,020	ψ107,417	ψ100,001	Ψ220,400	ψοσο,/ 17	Ψ1,220,072	Ψ1,740,070	ψ1 10,000	φοσο,σσο	ψι το,οσο	Ψ104,040	Ψ10-1,002	ψ0,010,000
18	Number of Days Lag	Rate Case	13.40	13.40	13.40	13.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
19	Working Capital Requirement	[(17) * (18)] / 365	\$5,177	\$5,779	\$6,079	\$8,095	\$44,035	\$81,822	\$116,577	\$47,722	\$33,649	\$47,670	\$12,357	\$12,347	
20	Cost of Capital	Rate Case	9.13%	9.13%	9.13%	9.13%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	
21	Return on Working Capital Requirement	(19) * (20)	\$473	\$528	\$555	\$739	\$3,837	\$7,129	\$10,157	\$4,158	\$2,932	\$4,153	\$1,077	\$1,076	
22	Weighted Cost of Debt	Rate Case	4.23%	4.23%	4.23%	4.23%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
	Interest Expense	(19) * (22)	\$219	\$244	\$257	\$342	\$1.631	\$3,030	\$4,317	\$1,767	\$1.246	\$1.765	\$458	\$457	
23	interest Expense	(13) (22)	Ψ213	ΨΖ++	Ψ231	Ψ0+2	ψ1,051	ψ5,050	ψτ,517	ψ1,707	Ψ1,240	Ψ1,705	Ψ-30	Ψ-57	
24	Taxable Income	(19) - (23)	\$254	\$283	\$298	\$397	\$2,206	\$4,099	\$5,840	\$2,391	\$1,686	\$2,388	\$619	\$619	
25	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
26	Return and Tax Requirement	(24) / (25)	\$391	\$436	\$459	\$611	\$3,394	\$6,306	\$8,985	\$3,678	\$2,593	\$3,674	\$952	\$952	
27	Storage Var. Product Working Capital Requir.	(23) + (26)	\$610	\$680	\$716	\$ <u>953</u>	\$5,025	\$9,336	\$13,302	\$5,445	\$3,840	\$5,439	\$1,410	\$1,409	\$48,165
21	Storage var. Froduct Working Capital Requir.	(23) + (20)	Ψ <u>010</u>	Ψ <u>000</u>	Ψ <u>/ 10</u>	Ψ <u>333</u>	Ψ <u>0,020</u>	Ψ <u>3,330</u>	Ψ <u>13,302</u>	Ψ <u>υ,++υ</u>	ψ <u>3,040</u>	ψ <u>ο,4οο</u>	ψ <u>1,+10</u>	ψ <u>1,403</u>	Ψ <u>+0,103</u>
	Stanger Variable New Product Coats		¢o.	¢o.	C O	ΦO	ΦO	¢o.	PEO 4 200	\$477,455	(P4 074 742)	(ft00 0E7)	(ft400,400)	(PC7 400)	(#250 055)
2	Storage Variable Non-Product Costs Credits		\$0 \$0	\$0 \$0	\$0 \$0	\$0 <u>\$0</u>	\$0 \$0	\$0 \$0	\$594,288		(\$1,071,743)	(\$83,257) <u>\$0</u>	(\$109,168)	(\$67,429)	(\$259,855)
	Allowable Working Capital Costs	(1) - (2)	<u>\$0</u> \$0	<u>\$0</u> \$0	<u>\$0</u> \$0	\$0 \$0	<u>\$0</u> \$0	<u>\$0</u> \$0	<u>\$0</u> \$594,288	<u>\$0</u> \$477,455	<u>\$0</u> (\$1,071,743)	(\$83,257)	<u>\$0</u> (\$109,168)	<u>\$0</u> (\$67,429)	<u>\$0</u> (\$259,855)
3	Allowable Working Capital Costs	(1) - (2)	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ψ554,200	Ψτ11,-00	(ψ1,071,743)	(\$00,201)	(ψ103,100)	(ψ07,423)	(ψ239,033)
4	Number of Days Lag	Rate Case	13.40	13.40	13.40	13.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	
5	Working Capital Requirement	[(3) * (4)] / 365	\$0	\$0	\$0	\$0	\$0	\$0	\$39,728	\$31,918	(\$71,645)	(\$5,566)	(\$7,298)	(\$4,508)	
6	Cost of Capital	Rate Case	9.13%	9.13%	9.13%	9.13%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	
7	Return on Working Capital Requirement	(5) * (6)	\$0	\$0	\$0	\$0	\$0	\$0	\$3,461	\$2,781	(\$6,242)	(\$485)	(\$636)	(\$393)	
	Metable d Ocat of Dahi	D-1- O	4.000/	4.000/	4.000/	4.000/	0.700/	0.700/	0.700/	0.700/	0.700/	0.700/	0.700/	0.700/	
8 9	Weighted Cost of Debt	Rate Case	<u>4.23%</u> \$0	<u>4.23%</u> \$0	<u>4.23%</u> \$0	<u>4.23%</u> \$0	3.70% \$0	<u>3.70%</u> \$0	<u>3.70%</u> \$1.471	3.70% \$1.182	3.70% (\$2.653)	3.70% (\$306)	3.70% (\$270)	3.70% (\$167)	
9	Interest Expense	(5) * (8)	Φ0	Φ0	⊅ 0	Φ0	Φ0	\$0	\$1,471	\$1,182	(\$2,653)	(\$206)	(\$270)	(\$107)	
10	Taxable Income	(7) - (9)	\$0	\$0	\$0	\$0	\$0	\$0	\$1,990	\$1,599	(\$3,589)	(\$279)	(\$366)	(\$226)	
11	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
12	Return and Tax Requirement	(10) / (11)	\$0	\$0	\$0	\$0	\$0	\$0	\$3,062	\$2,460	(\$5,522)	(\$429)	(\$562)	(\$347)	
13	Storage Variable Non-product WC Requir.	(9) + (12)	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>4,533</u>	\$3,642	(\$8,175)	(<u>\$635</u>)	(<u>\$833</u>)	(<u>\$514</u>)	(\$1,982)

National Grid Rhode Island Service Area

Actual Throughput (Dth)

	hroughput (Dth)													
Line		Jul-08	Aug-08	Son 08	Oct-08	Nov-08	Dec-08	Jan-09	Eab.00	Mar-00	Apr.00	May 00	lun-00	lul - lun
<u>No.</u>	(a)	(b)	Aug-08 (c)	<u>Sep-08</u> (d)	Oct-08 (e)	Nov-08 (f)	(g)	(h)	<u>Feb-09</u> (i)	<u>Mar-09</u> (j)	<u>Apr-09</u> (k)	<u>May-09</u> (I)	<u>Jun-09</u> (m)	<u>Jul - Jun</u> (o)
	(α)	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	(0)
1	SALES (dth)	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	actual	
2	Residential Non-Heating	28,457	38,140	32,091	35,639	56,197	74,260	105,168	104,454	87,796	80,975	51,342	39,059	733,578
3	Residential Non-Heating Low Income		00,110	02,00	00,000	00,101	1,415	1,998	2,363	2,559	2,234	1,767	509	12,845
4	Residential Heating	450,662	417,902	380,484	489,431	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	507,219	16,445,763
5	Residential Heating Low Income	,	,	,	,	,- ,-	158,314	221,411	246,102	218,543	179,606	105,449	61,202	1,190,627
6	Small C&I	69,277	63,061	12,901	51,664	136,185	243,234	468,169	445,253	404,908	268,425	132,795	60,022	2,355,894
7	Medium C&I	128,225	121,924	89,870	208,714	239,162	313,646	668,869	657,578	527,224	392,280	226,309	157,207	3,731,008
8	Large LLF	20,823	16,773	18,389	20,307	89,907	144,636	198,749	189,683	155,082	171,866	25,095	39,649	1,090,958
9	Large HLF	26,916	29,286	31,219	25,197	35,390	42,451	55,005	50,622	43,136	39,064	27,502	23,391	429,179
10	Extra Large LLF	7,677	5,712	2,379	4,464	17,640	28,564	39,118	26,091	22,290	24,379	11,739	109,734	299,788
11	Extra Large HLF	18,683	21,018	32,329	37,117	<u>38,746</u>	34,887	79,368	(5,295)	15,222	53,580	24,431	23,910	373,996
	Total Sales	750,720	713,816	599,662	872,533	1,660,799	2,947,113	4,679,798	4,886,120	3,932,851	3,067,239	1,531,083	1,021,903	26,663,637
12	<u>TSS</u>													
13	Medium	87	92	191	1,671	671	571	2,785	1,564	4,142	4,160	9,930	9,363	35,228
14	Large LLF	0	0	194	242	2,560	4,610	8,583	(1,972)	6,794	(8,056)	13,140	(4,363)	21,732
15	Large HLF	569	455	456	573	384	170	2	(2)	0	0	775	10,266	13,648
16	S .	0	0	0	0	0	0	0	0	0	0	0	0	0
17	· ·	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>
18	Total TSS	656	547	841	2,486	3,615	5,351	11,370	(410)	10,937	(3,896)	23,845	15,267	70,608
40	ET A TRANSPORTATION													
19	FT-2 TRANSPORTATION FT-2 Medium	0.674	47 700	E0 040	(24.005)	75 445	20.040	04.050	204 205	04.000	(4E 4CE)	45.040	25.007	E00 040
20		8,674	17,738 3,258	59,949	(24,995)	75,145	30,048	81,959 92,226	201,285	81,623	(15,465)	45,012	25,967	586,940 493,701
21	FT-2 Large LLF	(7,112)		5,593	8,950 5,180	23,240	55,156		101,097 11,117	77,810 9,834	81,830 11,082	29,732	21,922	493,701
23	FT-2 Large HLF FT-2 Extra Large LLF	(53,112) 0	5,056 0	4,742 0	350	7,511 974	9,765 1,667	11,555 2,198	2,619	2,210	398	8,930 2,151	8,452 67	12,634
24	FT-2 Extra Large ELF	<u>722</u>	3,389	<u>1,457</u>	1,734	1,678	2,506	7,941	3,497	19,184	4,17 <u>5</u>	20,171	9,467	75,921
25	Total FT-2 Transportation	(50,828)	29,441	71,741	(8,781)	108,548	99,142	195,879	319,615	190,660	82,020	105,995	65,876	1,209,308
20	Total I I 2 Transportation	(00,020)	20,441	, ,,, -, ,	(0,701)	100,040	00,142	100,070	010,010	100,000	02,020	100,000	00,070	1,200,000
26	Sales & FT-2 THROUGHPUT													
27	Residential Non-Heating	28,457	38,140	32,091	35,639	56,197	74,260	105,168	104,454	87,796	80,975	51,342	39,059	733,578
28	Residential Non-Heating Low Income			,	,	,	1,415	1,998	2,363	2,559	2,234	1,767	509	12,845
29	Residential Heating	450,662	417,902	380,484	489,431	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	507,219	16,445,763
30	Residential Heating Low Income						158,314	221,411	246,102	218,543	179,606	105,449	61,202	1,190,627
31	Small C&I	69,277	63,061	12,901	51,664	136,185	243,234	468,169	445,253	404,908	268,425	132,795	60,022	2,355,894
32	Medium C&I	136,986	139,754	150,010	185,390	314,978	344,265	753,613	860,427	612,989	380,975	281,251	192,538	4,353,176
33	Large LLF	13,711	20,031	24,176	29,499	115,707	204,402	299,558	288,807	239,686	245,640	67,966	57,208	1,606,391
34	Large HLF	(25,627)	34,797	36,417	30,950	43,285	52,386	66,562	61,737	52,970	50,145	37,207	42,109	482,939
35	Extra Large LLF	7,677	5,712	2,379	4,814	18,614	30,231	41,316	28,710	24,500	24,777	13,890	109,802	312,422
36	Extra Large HLF	19,405	24,407	33,786	38,851	40,424	<u>37,393</u>	87,309	(1,799)	34,406	<u>57,756</u>	44,601	33,378	449,917
37	Total Sales & FT-2 Throughput	700,548	743,804	672,244	866,238	1,772,962	3,051,606	4,887,047	5,205,324	4,134,448	3,145,363	1,660,923	1,103,046	<u>27,943,553</u>
00	ET 4 TD ANODODTATION													
38	FT-1 TRANSPORTATION	00.707	F0 000	(0.4.007)	00.750	00.007	00 504	440.070	00.475	00.000	(44.750)	00.000	00.450	500 704
39	FT-1 Medium	92,707	58,992	(64,227)	30,750	38,827	96,524	110,676	96,175	86,238	(11,750)	32,662	32,158	599,731
40 41	FT-1 Large LLF FT-1 Large HLF	72,542 37,781	54,604 31,353	(49,316) 23,551	57,648 76,607	66,319 132,271	159,315 109,635	169,518	159,007	171,963 47,523	119,249 34,712	34,165 33,740	(8,920) 29,195	1,006,093 346,925
	•				22,442			(144,121)	(65,321)					606,177
42 43	FT-1 Extra Large LLF FT-1 Extra Large HLF	80,091 271,836	65,765 352,888	(73,160) 400,234	496,289	26,687 115,775	61,588 383,277	96,220 532,886	92,732 510,433	108,974 452,017	90,420 431,360	17,172 303,667	17,246 412,889	4,663,551
44	Default	5,078	2,688	2,757	16,604	(10,666)	46	87	0 0	432,017 2	4,896	1,705	61,411	84,607
45	Total FT-1 Transportation	560,035	566,290	239,839	700,340	369,213	810,385	765,266	793,026	866,715	668,886	423,112	543,978	7,307,086
.0	Total I I I I I I I I I I I I I I I I I I I	000,000	000,200	200,000	. 00,0 .0	000,2.0	0.0,000	. 00,200	. 00,020	000,1.10	000,000	120,112	0.0,0.0	110011000
46	Total THROUGHPUT													
47	Residential Non-Heating	28,457	38,140	32,091	35,639	56,197	74,260	105,168	104,454	87,796	80,975	51,342	39,059	733,578
48	· ·		,	, , , , ,	,	,	1,415	1,998	2,363	2,559	2,234	1,767	509	12,845
	Residential Heating	450,662	417,902	380,484	489,431	1,047,572	1,905,706	2,841,943	3,169,269	2,456,092	1,854,829	924,654	507,219	16,445,763
50	Residential Heating Low Income		•	•	•		158,314	221,411	246,102	218,543	179,606	105,449	61,202	1,190,627
51	Small C&I	69,277	63,061	12,901	51,664	136,185	243,234	468,169	445,253	404,908	268,425	132,795	60,022	2,355,894
52	Medium C&I	229,693	198,746	85,783	216,140	353,805	440,789	864,289	956,602	699,226	369,225	313,913	224,696	4,952,907
53	Large LLF	86,253	74,635	(25,140)	87,147	182,026	363,717	469,076	447,814	411,649	364,889	102,132	48,288	2,612,485
	Large HLF	12,154	66,150	59,968	107,557	175,556	162,021	(77,559)	(3,583)	100,492	84,857	70,947	71,304	829,864
	Extra Large LLF	87,768	71,477	(70,781)	27,256	45,301	91,819	137,536	121,443	133,474	115,198	31,062	127,047	918,599
55	Extra Large HLF	291,241	377,295	434,020	535,140	156,199	420,670	620,195	508,634	486,423	489,115	348,269	446,267	5,113,468
56		5,078	2,688	2,757	16,604	(10,666)	<u>46</u>	<u>87</u>	<u>0</u>	<u>2</u>	<u>4,896</u>	<u>1,705</u>	<u>61,411</u>	84,607
57	Total Throughput	1,260,583	1,310,094	912,083	1,566,578	2,142,175	3,861,991	5,652,313	5,998,350	5,001,163	3,814,249	2,084,035	1,647,024	35,250,639