

March 20, 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

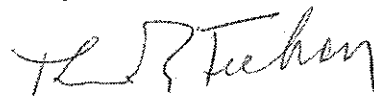
Dear Ms. Massaro:

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 four months of actual data, and eight months of projected data, the October 31, 2009 deferred gas cost balance is an over-collection of \$1.4 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 February 2009 along with projected costs for March through October 2009.

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 February 2009, the Company incurred actual gas costs of \$47.0 million, working capital of \$358 thousand and GCR revenue collections of \$52.4 million, for a net over-collection of \$5.0 million. Schedule 2 provides a breakdown of actual gas costs for November 2008 through February 2009 and projected gas costs for March 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 February 2009 and projected gas cost revenue collections for March through October 2009. Schedule 5 shows the calculation of inventory finance charges reflecting treatment of underground storage under the asset management contract. 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 Peter Czekanski at (401) 784-7501.

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 3982 Service List

National Grid
Rhode Island Service Area
Deferred Gas Cost Balance

	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	forecast	forecast	forecast	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)	(\$7,554,571)	(\$8,023,446)	(\$7,450,896)	(\$6,345,573)	(\$4,939,000)	(\$3,439,138)	(\$2,015,403)	
Supply Fixed Costs (net of cap rel)	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,964,127	\$1,963,019	\$1,964,127	\$1,963,019	\$1,964,127	\$1,964,127	\$1,963,019	\$1,964,127	\$23,442,809
Capacity Release	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,982	\$14,982	\$0	\$0	\$179,817
Working Capital	\$15,844	\$15,307	\$12,547	\$15,289	\$14,982	\$14,974	\$14,982	\$14,974	\$14,982	\$14,982	\$14,974	\$14,982	\$23,621,627
Total Supply Fixed Costs	\$2,093,022	\$2,021,982	\$1,657,488	\$2,019,613	\$1,979,109	\$1,977,992	\$1,979,109	\$1,977,992	\$1,979,109	\$1,979,109	\$1,977,992	\$1,979,109	\$22,054,407
Supply Fixed - Collections	\$1,758,187	\$2,805,840	\$3,531,078	\$3,765,138	\$3,237,653	\$2,438,871	\$1,398,347	\$665,586	\$566,549	\$474,802	\$551,457	\$660,899	
Prelim. Ending Balance	(\$1,868,949)	(\$2,656,992)	(\$4,534,150)	(\$6,283,494)	(\$7,547,227)	(\$8,015,450)	(\$7,442,686)	(\$6,338,489)	(\$4,933,013)	(\$3,434,693)	(\$2,012,603)	(\$697,193)	
Month's Average Balance	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 Prime minus 200 bps)	(\$4,184)	(\$3,566)	(\$3,819)	(\$5,188)	(\$7,344)	(\$7,998)	(\$8,210)	(\$7,084)	(\$5,987)	(\$4,445)	(\$2,801)	(\$1,440)	(\$62,068)
Interest Applied	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Asset Management Incentive	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Fixed Ending Balance	(\$1,873,133)	(\$2,660,560)	(\$4,537,969)	(\$6,288,682)	(\$7,554,571)	(\$8,023,446)	(\$7,450,896)	(\$6,345,573)	(\$4,939,000)	(\$3,439,138)	(\$2,015,403)	(\$698,633)	

	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	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	
II. Storage Fixed Cost Deferred													
Beginning Balance	(\$633,536)	(\$590,794)	(\$690,750)	(\$1,107,708)	(\$1,928,427)	(\$2,443,518)	(\$2,659,322)	(\$2,463,450)	(\$2,051,956)	(\$1,517,543)	(\$945,235)	(\$403,965)	\$9,495,335
Storage Fixed Costs	\$706,326	\$978,503	\$1,085,153	\$759,164	\$771,732	\$748,393	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	(\$412,185)
LNG Demand to DAC	(\$26,460)	(\$35,994)	(\$98,428)	(\$39,623)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	(\$26,460)	\$563,029
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	\$73,579
Working Capital	\$5,516	\$7,550	\$7,887	\$5,849	\$6,045	\$5,867	\$5,811	\$5,811	\$5,811	\$5,811	\$5,811	\$5,811	\$9,719,758
Total Storage Fixed Costs	\$728,623	\$997,312	\$1,041,866	\$772,643	\$798,571	\$775,053	\$767,615	\$767,615	\$767,615	\$767,615	\$767,615	\$767,615	\$0
TSS Peaking Collections	\$684,624	\$1,096,260	\$1,457,869	\$1,591,907	\$1,311,342	\$988,238	\$569,025	\$353,803	\$231,308	\$194,000	\$225,653	\$270,144	\$8,974,173
Storage Fixed - Collections	(\$699,537)	(\$689,742)	(\$1,106,754)	(\$1,926,972)	(\$2,441,198)	(\$2,656,702)	(\$2,460,732)	(\$2,049,638)	(\$1,515,649)	(\$943,928)	(\$403,273)	(\$93,506)	
Prelim. Ending Balance	(\$611,537)	(\$640,266)	(\$888,752)	(\$1,517,340)	(\$2,184,812)	(\$2,550,110)	(\$2,560,027)	(\$2,256,544)	(\$1,783,803)	(\$1,230,735)	(\$674,254)	(\$155,230)	
Month's Average Balance	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 Prime minus 200 bps)	(\$1,257)	(\$1,009)	(\$954)	(\$1,455)	(\$2,319)	(\$2,620)	(\$2,718)	(\$2,318)	(\$1,894)	(\$1,307)	(\$693)	(\$165)	(\$18,708)
Interest Applied	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Fixed Ending Balance	(\$590,794)	(\$690,750)	(\$1,107,708)	(\$1,928,427)	(\$2,443,518)	(\$2,659,322)	(\$2,463,450)	(\$2,051,956)	(\$1,517,543)	(\$945,235)	(\$403,965)	(\$93,341)	

	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	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	
III. Variable Supply Cost Deferred													
Beginning Balance	\$14,704,530	\$25,739,329	\$39,733,501	\$54,500,333	\$57,813,800	\$50,517,867	\$39,667,186	\$33,269,520	\$29,677,387	\$28,631,880	\$28,901,217	\$28,792,001	\$242,101,099
Variable Supply Costs	\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$26,539,883	\$14,866,946	\$8,394,151	\$5,595,357	\$4,968,930	\$5,307,669	\$5,755,776	\$10,188,182	\$29,500
Variable Delivery Storage	\$0	\$0	\$0	\$0	\$28,311	\$11,189	\$0	\$0	\$0	\$0	\$0	\$0	\$72,665
Variable Injections Storage	\$0	\$0	\$0	\$0	\$248,480	\$71,388	\$70,627	\$70,753	\$69,054	\$60,886	\$60,501	\$8,830	\$8,830
Fuel Cost Allocated to Storage	\$0	\$0	\$0	\$0	\$11,100	\$11,100	\$11,260	\$11,057	\$10,712	\$9,924	\$9,781	\$9,781	\$52,925
Working Capital	\$199,480	\$301,071	\$396,195	\$327,397	\$204,553	\$114,041	\$64,654	\$43,304	\$38,511	\$41,026	\$44,440	\$78,195	\$704,625
Total Supply Variable Costs	\$26,351,200	\$39,771,278	\$52,337,038	\$43,248,833	\$27,021,227	\$15,064,664	\$8,540,692	\$5,720,472	\$5,087,216	\$5,419,505	\$5,870,499	\$10,328,122	\$244,760,745
Supply Variable - Collections	\$15,357,422	\$26,744,454	\$37,804,824	\$39,976,880	\$34,374,634	\$25,961,649	\$14,977,053	\$9,344,925	\$6,163,659	\$5,180,692	\$6,009,336	\$7,162,624	\$228,858,152
Deferred Responsibility	\$33,936	\$483	\$33,936	\$12,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Prelim. Ending Balance	\$25,697,820	\$38,732,217	\$54,450,338	\$67,759,976	\$50,460,393	\$39,620,881	\$33,230,825	\$29,645,068	\$28,600,944	\$28,870,693	\$28,762,379	\$31,957,498	
Month's Average Balance	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 Prime minus 200 bps)	\$20,201,175	\$32,255,773	\$47,091,920	\$56,130,155	\$54,137,096	\$45,069,374	\$36,449,005	\$31,457,294	\$29,139,166	\$28,751,286	\$28,831,798	\$30,374,750	\$494,231
Interest Applied	\$41,509	\$50,782	\$49,995	\$63,823	\$74,474	\$46,304	\$38,696	\$32,319	\$30,935	\$30,524	\$29,622	\$32,247	\$950,502
Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Variable Ending Balance	\$25,739,329	\$39,733,501	\$54,500,333	\$67,813,800	\$50,517,867	\$39,667,186	\$33,269,520	\$29,677,387	\$28,631,880	\$28,901,217	\$28,792,001	\$31,989,745	

National Grid
Rhode Island Service Area
Deferred Gas Cost Balance

	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	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	
IVa. Storage Variable Product Cost Deferred													
Beginning Balance													
Storage Variable Prod. Costs - LNG	\$5,292,877	\$6,814,088	\$9,627,224	(\$13,866,371)	(\$19,539,695)	(\$19,590,277)	(\$23,466,459)	(\$25,530,639)	(\$26,656,913)	(\$27,229,661)	(\$27,612,822)	(\$28,103,923)	\$6,561,951
Storage Variable Prod. Costs - LP	\$752,235	\$1,431,628	\$2,056,513	\$818,537	\$249,727	\$192,757	\$192,760	\$179,985	\$180,441	\$175,052	\$165,113	\$167,204	\$0
Storage Variable Prod. Costs - UG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,135,342
Storage Variable Prod. Costs - UG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,102,408)
Supply Related LNG to DAC	(\$126,376)	(\$240,514)	(\$345,494)	(\$137,514)	(\$41,954)	(\$32,383)	(\$32,384)	(\$30,237)	(\$30,314)	(\$29,409)	(\$27,739)	(\$28,090)	\$32,857
Supply Related LNG O & M	\$30,455	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857
Inventory Financing - LNG	\$59,423	\$55,377	\$45,913	\$41,119	\$50,367	\$51,663	\$53,507	\$55,284	\$56,954	\$62,675	\$65,319	\$65,749	\$665,351
Inventory Financing - UG	\$53,529	\$53,529	\$53,529	\$53,529	\$67,309	\$102,162	\$138,047	\$173,971	\$210,265	\$242,036	\$273,433	\$300,934	\$1,722,272
Inventory Financing - LP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	\$5,025	\$9,336	\$13,302	\$5,445	\$41,007	\$1,474	\$1,474	\$1,393	\$1,396	\$1,362	\$1,298	\$1,312	\$83,823
Total Storage Variable Product Costs	\$774,292	\$1,342,214	\$1,856,620	\$813,973	\$5,534,655	\$348,529	\$386,261	\$413,253	\$453,598	\$484,573	\$510,262	\$539,965	\$13,458,215
Storage Variable Product Collections	\$2,283,078	\$4,142,409	\$6,085,302	\$6,469,288	\$5,564,477	\$4,202,604	\$2,424,448	\$1,512,732	\$997,757	\$838,637	\$972,776	\$1,159,467	\$36,652,973
Prelim. Ending Balance	(\$6,801,662)	(\$9,614,263)	(\$13,855,905)	(\$19,523,685)	(\$19,569,517)	(\$23,444,352)	(\$25,504,644)	(\$26,630,118)	(\$27,201,072)	(\$27,583,726)	(\$28,075,316)	(\$28,723,424)	
Month's Average Balance	(\$6,047,270)	(\$8,214,186)	(\$11,741,564)	(\$16,696,028)	(\$19,554,606)	(\$21,517,315)	(\$24,465,562)	(\$26,080,379)	(\$26,928,694)	(\$27,408,694)	(\$27,844,069)	(\$28,413,674)	
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	(\$12,426)	(\$12,940)	(\$12,465)	(\$16,010)	(\$20,760)	(\$22,107)	(\$25,995)	(\$26,795)	(\$28,589)	(\$29,096)	(\$28,607)	(\$30,165)	(\$265,955)
Storage Variable Product Ending Bal.	(\$6,814,088)	(\$9,627,224)	(\$13,868,371)	(\$18,539,695)	(\$19,590,277)	(\$23,466,459)	(\$25,530,639)	(\$26,656,913)	(\$27,229,661)	(\$27,612,822)	(\$28,103,923)	(\$28,753,590)	

	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	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	
IVb. Stor Var Non-Prod Cost Deferred													
Beginning Balance													
Storage Variable Non-Prod. Costs	(\$1,256,994)	(\$1,411,684)	(\$1,730,359)	(\$1,689,611)	(\$1,770,233)	(\$2,408,416)	(\$2,823,602)	(\$3,123,768)	(\$3,344,120)	(\$3,516,750)	(\$3,666,454)	(\$3,827,760)	\$1,244,283
Variable Delivery Storage Costs	\$0	\$0	\$0	\$477,455	\$131,279	\$41,262	\$0	\$0	\$0	\$0	\$0	\$0	(\$29,500)
Variable Injection Storage Costs	\$0	\$0	\$0	(\$28,311)	(\$28,311)	(\$1,189)	(\$11,260)	(\$11,057)	(\$10,712)	(\$9,924)	(\$9,761)	(\$9,830)	(\$72,665)
Fuel Costs Allocated to Storage	\$0	\$0	\$0	\$0	(\$248,480)	(\$71,388)	(\$70,627)	(\$69,064)	(\$69,064)	(\$60,866)	(\$60,501)	(\$52,925)	(\$704,625)
Working Capital	\$0	\$0	\$4,533	\$3,642	(\$1,110)	(\$324)	(\$625)	(\$624)	(\$609)	(\$540)	(\$536)	(\$471)	\$3,337
Total Storage Var Non-Product Costs	\$0	\$0	\$0	\$481,097	(\$146,623)	(\$42,739)	(\$82,512)	(\$82,435)	(\$80,385)	(\$71,351)	(\$70,818)	(\$62,226)	\$440,830
Storage Var Non-Product Collections	\$151,951	\$316,202	\$536,269	\$580,070	\$489,343	\$369,761	\$214,499	\$134,597	\$88,605	\$74,542	\$86,640	\$103,146	\$3,146,625
Prelim. Ending Balance	(\$1,408,945)	(\$1,727,886)	(\$1,667,808)	(\$1,768,585)	(\$2,408,199)	(\$2,820,916)	(\$3,120,613)	(\$3,340,800)	(\$3,513,110)	(\$3,662,643)	(\$3,823,912)	(\$3,993,132)	
Month's Average Balance	(\$1,332,970)	(\$1,569,785)	(\$1,699,083)	(\$1,719,096)	(\$2,088,216)	(\$2,614,666)	(\$2,972,107)	(\$3,232,284)	(\$3,428,615)	(\$3,589,696)	(\$3,745,183)	(\$3,910,446)	
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	(\$2,739)	(\$2,473)	(\$1,804)	(\$1,648)	(\$2,217)	(\$2,686)	(\$3,155)	(\$3,321)	(\$3,640)	(\$3,811)	(\$3,848)	(\$4,152)	(\$35,494)
Storage Var Non-Product Ending Bal.	(\$1,411,684)	(\$1,730,359)	(\$1,669,611)	(\$1,770,233)	(\$2,408,416)	(\$2,823,602)	(\$3,123,768)	(\$3,344,120)	(\$3,516,750)	(\$3,666,454)	(\$3,827,760)	(\$3,997,283)	

	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	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	
GCR Deferred Summary													
Beginning Balance													
Gas Costs	\$5,317,339	\$15,049,629	\$25,024,608	\$33,316,674	\$28,286,762	\$18,521,086	\$2,694,355	\$5,299,232	(\$8,721,176)	(\$8,571,075)	(\$6,762,431)	(\$5,559,050)	\$289,808,761
Working Capital	\$29,721,272	\$43,799,522	\$57,057,369	\$46,978,537	\$34,921,462	\$17,987,468	\$11,504,969	\$8,732,040	\$8,147,063	\$8,516,811	\$8,989,583	\$13,452,767	\$292,001,175
Total Costs	\$225,865	\$333,264	\$434,465	\$357,622	\$265,477	\$136,032	\$86,296	\$84,858	\$60,091	\$62,640	\$65,967	\$99,818	\$292,001,175
Collections	\$29,947,137	\$44,132,786	\$57,491,833	\$47,336,159	\$35,186,939	\$18,123,499	\$11,591,165	\$8,796,898	\$8,207,153	\$8,579,451	\$9,055,570	\$9,356,280	\$298,747,441
Prelim. Ending Balance	\$20,235,750	\$35,139,101	\$49,230,720	\$32,395,592	\$44,977,449	\$33,961,123	\$19,583,370	\$12,211,643	\$8,047,878	\$6,762,673	\$7,845,862	(\$1,362,745)	
Month's Average Balance	\$15,028,725	\$24,043,314	\$33,285,722	\$28,257,240	\$18,486,252	\$22,683,462	(\$1,301,748)	(\$7,006,605)	(\$8,641,538)	(\$7,662,665)	(\$6,157,577)	(\$3,460,897)	
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	\$20,903	\$30,792	\$30,952	\$29,522	\$24,833	\$10,893	(\$1,382)	(\$1,199)	(\$9,174)	(\$8,135)	(\$6,326)	(\$3,674)	\$112,006
Gas Purchase Plan Incentives/Penalties	\$0	\$950,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Ending Bal. W/ Interest	\$15,049,629	\$25,024,608	\$33,316,674	\$28,286,762	\$18,521,086	\$2,694,355	(\$5,299,232)	(\$8,721,176)	(\$8,571,075)	(\$6,762,431)	(\$5,559,050)	(\$3,366,419)	\$4,196,305

Under/(Over)-collection \$9,711,387

GCR Recon Feb 09.xls

National Grid
Rhode Island Service Area
GCR Gas Costs

Projected Gas costs using
03-18-2009 NYMEX

SUPPLY FIXED COSTS - Pipeline Delivery

	Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 forecast	Apr-09 forecast	May-09 forecast	Jun-09 forecast	Jul-09 forecast	Aug-09 forecast	Sep-09 forecast	Oct-09 forecast	Nov-Oct
Merrill Lynch	(\$571,083)	(\$165,087)	(\$15,516)	(89,448)	\$611,785	\$611,785	\$611,785	\$611,785	\$611,785	\$611,785	\$611,785	\$611,785	\$7,576,081
Algonquin	\$696,698	\$660,748	\$658,698	\$695,662	\$210,540	\$210,540	\$210,540	\$210,540	\$210,540	\$210,540	\$210,540	\$210,540	\$1,694,322
Texas Eastern	\$0	\$0	\$0	\$0	\$533,949	\$533,949	\$533,949	\$533,949	\$533,949	\$533,949	\$533,949	\$533,949	\$6,402,159
TETCO	\$537,403	\$512,721	\$527,921	\$552,519	\$773,986	\$773,986	\$773,986	\$773,986	\$773,986	\$773,986	\$773,986	\$773,986	\$9,016,928
Tennessee	\$713,379	\$711,520	\$705,562	\$694,581	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$84,860
NETNE	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$80,114
Iroquois					\$4,603	\$4,603	\$4,603	\$4,603	\$4,603	\$4,603	\$4,603	\$4,603	\$36,380
Nova					\$29,749	\$29,749	\$29,749	\$29,749	\$29,749	\$29,749	\$29,749	\$29,749	\$235,116
Transcanada					\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$158,893
Dominion					\$7,129	\$7,129	\$7,129	\$7,129	\$7,129	\$7,129	\$7,129	\$7,129	\$50,240
Transco					\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$27,029
National Fuel					\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$3,399,727
Columbia					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Texas Gas					\$74,216	\$74,216	\$74,216	\$74,216	\$74,216	\$74,216	\$74,216	\$74,216	\$593,731
Hubline					\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$1,158,867
Westerly Lateral					\$57,194	\$57,194	\$57,194	\$57,194	\$57,194	\$57,194	\$57,194	\$57,194	\$724,744
Less Credits from Mktg Releases					\$408,849	\$408,849	\$408,849	\$408,849	\$408,849	\$408,849	\$408,849	\$408,849	\$1,158,867
TOTAL SUPPLY FIXED COSTS - Pipeline	\$1,767,079	\$1,701,027	\$1,709,774	\$1,719,314	\$2,613,184	\$2,612,076	\$2,613,184	\$2,613,184	\$2,613,184	\$2,613,184	\$2,612,076	\$2,613,184	\$28,940,477

Supply Fixed - Supplier

Distrigas FCS	\$310,069	\$305,648	(\$64,833)	\$285,010	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$2,416,000
Total	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$2,915,184	\$2,914,076	\$2,915,184	\$2,915,184	\$2,915,184	\$2,915,184	\$2,914,076	\$2,915,184	\$31,051,267

Total Supply Fixed (Pipeline & Supplier)

STORAGE FIXED COSTS - Facilities	\$87,900	\$87,903	\$87,866	\$87,830	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$1,006,478
Texas Eastern SS-1 Demand					\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$106,891
Texas Eastern SS-1 Capacity					\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$6,759
Texas Eastern FSS-1 Demand					\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$4,882
Texas Eastern FSS-1 Capacity					\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$504,788
Dominion GSS Demand					\$15,070	\$15,070	\$15,070	\$15,070	\$15,070	\$15,070	\$15,070	\$15,070	\$120,569
Dominion GSS Capacity					\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$215,055
Dominion GSS-TE Demand					\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$189,654
Dominion GSS-TE Capacity					\$24,344	\$24,344	\$24,344	\$24,344	\$24,344	\$24,344	\$24,344	\$24,344	\$348,074
Tennessee FSMA Demand					\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$120,671
Tennessee FSMA Capacity					\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$69,663
Tennessee FSS Demand					\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$47,318
Columbia FSS Capacity					\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$1,890,000
Columbia LNG Tank Lease Payment					\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,600,791
TOTAL FIXED STORAGE COSTS	\$377,939	\$378,083	\$372,876	\$378,663	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,600,791

STORAGE FIXED COSTS - Delivery

Algonquin for TETCO SS-1					\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$4,648,107
Algonquin delivery for FSS					\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$9,248,898
TETCO delivery for FSS					\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$4,354,357
Algonquin SCT for SS-1					\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$9,241,011
Algonquin delivery for GSS, GSS-TE, Algonquin SCT delivery for GSS-TE					\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$40,605,374
Algonquin delivery for GSS Conv					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tennessee delivery for GSS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tennessee delivery for FSMA					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO delivery for GSS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO delivery for GSS-TE					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO delivery for GSS-TE Conv					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dominion delivery for GSS Conv					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dominion delivery for GSS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Algonquin delivery for FSS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Columbia Delivery for FSS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distrigas FLS call payment					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSCO					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Conoco					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Williams					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
STORAGE DELIVERY FIXED COST \$	\$328,367	\$600,420	\$712,277	\$690,501	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$4,648,107
TOTAL STORAGE FIXED	\$706,326	\$978,503	\$1,085,153	\$759,164	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$9,248,898
TOTAL FIXED COSTS	\$2,763,504	\$2,985,178	\$2,730,094	\$2,763,488	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$40,605,374

SupplyEst

Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 forecast	Apr-09 forecast	May-09 forecast	Jun-09 forecast	Jul-09 forecast	Aug-09 forecast	Sep-09 forecast	Oct-09 forecast	Nov-Oct
\$328,367	\$600,420	\$712,277	\$690,501	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$381,739	\$4,648,107
\$706,326	\$978,503	\$1,085,153	\$759,164	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$748,393	\$9,248,898
\$2,763,504	\$2,985,178	\$2,730,094	\$2,763,488	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$3,656,195	\$40,605,374

National Grid
Rhode Island Service Area
GCR Gas Costs

Projected Gas costs using 03-18-2009 NYMEX	Nov-08 actual	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 forecast	Apr-09 forecast	May-09 forecast	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	\$174,060	\$372,099	(\$475,370)	\$15,221	\$1,633,298	\$997,490	\$1,054,426	\$1,057,701	\$1,079,559	\$928,462	\$1,146,030	\$1,220,867	\$9,403,843
Tennessee Zone 1					\$802,071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$802,071
Tennessee Connexion					\$3,547,641	\$2,227,446	\$1,907,697	\$1,448,283	\$1,340,828	\$1,375,787	\$1,352,832	\$1,442,983	\$14,543,479
Tennessee Dracut					\$174,073	\$1,808,414	\$905,642	\$0	\$0	\$24,576	\$0	\$0	\$4,454,167
TEOCO STX					\$1,084,389	\$918,216	\$972,003	\$977,138	\$1,053,597	\$1,081,413	\$1,063,577	\$1,134,881	\$8,285,213
TEOCO ELA					\$12,264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,264
TEOCO WLA					\$830,831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$830,831
TEOCO ETX					\$1,167,570	\$992,989	\$1,050,888	\$1,056,022	\$1,138,173	\$1,167,929	\$1,148,482	\$1,225,129	\$8,947,190
TEOCO NF					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
M3 Delivered					\$3,749,192	\$1,848,132	\$71,136	\$59,283	\$37,630	\$47,804	\$57,727	\$19,105	\$5,850,219
Maumee Supplemental					\$1,353,575	\$33,874	\$33,874	\$45,341	\$54,069	\$45,983	\$37,255	\$68,567	\$2,231,799
Broadrun Col					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Columbia AGT					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dominion to B&W					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dominion to TETCO FTS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transco at Wharton					\$83,088	\$77,988	\$83,108	\$84,386	\$91,979	\$95,004	\$93,793	\$100,817	\$720,172
ANE to Tennessee					\$137,580	\$122,357	\$0	\$0	\$0	\$0	\$0	\$0	\$259,938
Hubline					\$64,517	\$273,913	\$0	\$0	\$0	\$0	\$0	\$0	\$64,517
Niagara to Tennessee					\$940,280	\$949,477	\$986,137	\$416,280	\$0	\$35,102	\$30,876	\$1,131,338	\$7,626,283
TETCO to B & W					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DistrictGas FCS					\$627,493	\$1,253,616	\$1,441,960	\$3,089,011	\$4,796,036	\$4,802,059	\$4,930,563	\$7,884,149	\$5,533,879
Hubline					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Suppliers					\$19,826,962	\$30,210,771	\$42,316,949	\$26,657,358	\$15,790,183	\$4,403,090	\$4,403,090	\$4,403,090	\$67,618,776
Total Pipeline Commodity Charges					\$20,631,200	\$31,624,218	\$43,287,062	\$29,765,419	\$15,790,183	\$4,403,090	\$4,403,090	\$4,403,090	\$65,243,062
Hedging					\$5,685,821	\$7,825,066	\$8,653,781	\$14,662,194	\$10,749,700	\$4,328,465	\$3,897,481	\$3,025,767	\$27,522,203
Costs of Injections					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL VARIABLE SUPPLY COSTS					\$26,317,021	\$38,649,284	\$51,940,843	\$44,427,613	\$26,539,883	\$14,866,946	\$11,292,049	\$13,060,524	\$124,639,625
VARIABLE STORAGE COSTS					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,135,342
Underground Storage					\$752,235	\$1,431,628	\$2,086,513	\$818,537	\$5,135,342	\$182,757	\$192,760	\$167,204	\$6,861,951
LNG Withdrawals/Westerly Trucking					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL VARIABLE STORAGE COSTS					\$752,235	\$1,431,628	\$2,086,513	\$818,537	\$5,135,342	\$182,757	\$192,760	\$167,204	\$6,861,951
TOTAL VARIABLE COSTS					\$27,069,256	\$41,080,912	\$53,997,356	\$45,246,150	\$31,924,952	\$15,059,703	\$15,484,809	\$14,011,581	\$177,242,293
TOTAL SUPPLY COSTS					\$29,652,760	\$44,066,060	\$56,727,450	\$46,009,638	\$35,611,868	\$18,722,171	\$12,243,106	\$9,575,976	\$177,242,293
TOTAL CAPACITY RELEASE CREDITS					\$0	\$0	\$0	\$0	\$951,057	\$951,057	\$951,057	\$951,057	\$7,608,467
TOTAL SUPPLY COSTS AFTER CREDITS					\$29,652,760	\$44,066,060	\$56,727,450	\$46,009,638	\$34,660,811	\$17,771,114	\$11,292,049	\$13,060,524	\$168,633,835
Storage Costs for FT-2 Calculation					\$377,939	\$378,083	\$372,876	\$378,663	\$386,654	\$386,654	\$386,654	\$386,654	\$4,600,791
Storage Fixed Costs - Facilities					\$328,387	\$600,420	\$712,277	\$361,739	\$354,357	\$354,357	\$354,357	\$354,357	\$4,894,544
Storage Fixed Costs - Deliveries					\$0	\$0	\$0	\$28,311	\$1,189	\$0	\$0	\$0	\$29,600
Variable Delivery Costs					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Variable Injection Costs					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fuel Costs Allocated to Storage					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Storage Costs					\$706,326	\$978,503	\$1,085,153	\$759,164	\$822,821	\$822,821	\$822,821	\$822,821	\$10,302,124
Pipeline Variable					\$26,317,021	\$38,649,284	\$51,940,843	\$44,427,613	\$26,539,883	\$14,866,946	\$11,292,049	\$13,060,524	\$124,639,625
Less Non-firm Gas Costs					\$752,895	\$1,431,628	\$2,086,513	\$818,537	\$5,135,342	\$182,757	\$192,760	\$167,204	\$6,861,951
Less Company Use					\$40,127	\$132,531	\$132,531	\$6,973	\$0	\$0	\$0	\$0	\$0
Less Manchester St Balancing					\$9,938	\$6,254	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plus Cashout					\$190,775	\$208,378	\$652,005	\$669,651	\$135,237	\$4,482	\$0	\$0	\$29,600
Less MKer Over-takes					(\$488,767)	\$252,868	\$4,482	\$86,010	\$229,693	\$101,175	\$0	\$0	\$72,685
Less MKer Withdrawals					\$101,175	\$229,693	\$232,384	\$32,012	\$0	\$0	\$0	\$0	\$704,625
Plus MKer Undertakes					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plus MKer Injections					\$240,491	\$246,783	\$201,088	\$158,340	\$0	\$0	\$0	\$0	\$0
Storage Service Charge					\$39,470,206	\$51,194,735	\$43,687,544	\$26,539,883	\$14,866,946	\$8,394,151	\$5,595,357	\$10,168,182	\$10,168,182
Plus Pipeline Strng/Credit					\$26,151,719	\$39,470,206	\$51,194,735	\$43,687,544	\$26,539,883	\$14,866,946	\$8,394,151	\$5,595,357	\$10,168,182
TOTAL FIRM COMMODITY COSTS					\$26,151,719	\$39,470,206	\$51,194,735	\$43,687,544	\$26,539,883	\$14,866,946	\$8,394,151	\$5,595,357	\$10,168,182

National Grid
Rhode Island Service Area
GCR Gas Cost Collections

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

I. Supply Fixed Cost Collections --

(a) Resid. & Small C & I dth Supply Fixed Cost Factor Res & Small C & I collections	1,239,954 \$1,0774 \$1,335,903	(a) Firm Sales dth Variable Supply Cost Factor Variable Supply collections	1,664,414 \$9,2925 \$15,466,501
(b) C & I Medium dth Supply Fixed Cost Factor C & I Medium collections	239,833 \$1,0204 \$244,715	(b) TSS Sales dth TSS Variable Supply Cost F. TSS Surcharge collections	3,615 \$0.00 \$0
(c) C & I Large HLF dth Supply Fixed Cost Factor C & I Large HLF collections	92,467 \$1,0106 \$93,450	(c) NGV Sales dth Variable Supply Cost Factor Variable Supply collections	1,080 \$7,7352 \$8,354
(d) C & I Large HLF dth Supply Fixed Cost Factor C & I Large HLF collections	35,774 \$0,9452 \$33,812	(d) Default Sales dth Variable Supply Cost Factor Variable Supply collections	(10,666) \$10,035 (\$117,433)
(e) C & I Extra Large LLF dth Supply Fixed Cost Factor C & I XL LLF collections	17,540 \$1,0024 \$17,582	TOTAL Variable Supply Collections	\$15,357,422
(f) C & I Extra Large HLF dth Supply Fixed Cost Factor C & I XL HLF collections	38,746 \$0,8420 \$32,625	Iva. Storage Variable Product Cost Collections --	
sub-total Dth sub-total Supply Fixed Collections	1,654,414 \$1,758,187	(a) Firm Sales dth Variable Supply Cost Factor Stor Var Product collections	1,664,414 \$1,3717 \$2,283,078

II. Storage Fixed Cost Collections --

(a) Resid. & Small C & I dth Storage Fixed Cost Factor Res & Small C & I collections	1,239,954 \$0,3792 \$470,152	Ivb. Storage Variable Non-product Cost Collections --	
(b) C & I Medium dth Storage Fixed Cost Factor C & I Medium collections	239,833 \$0,4101 \$98,361	(a) Firm Sales dth Variable Supply Cost Factor Stor Var Non-Product collec	1,664,414 \$0,0980 \$146,496
(c) C & I Large LLF dth Storage Fixed Cost Factor C & I Large LLF collections	92,467 \$0,4591 \$42,447	(b) FT-2 dth Variable Supply Cost Factor Stor Var Non-Product collec	55,279 \$0,0987 \$5,455
(d) C & I Large HLF dth Storage Fixed Cost Factor C & I Large HLF collections	35,774 \$0,3196 \$11,435	(c) Total Firm Sales/FT-2 dth Stor Var Non-Product collec	1,719,693 \$151,951
(e) C & I XL LLF dth Storage Fixed Cost Factor C & I XL LLF collections	17,540 \$0,4364 \$7,698	Total Gas Cost Collections	\$20,235,262
(f) C & I XL HLF dth Storage Fixed Cost Factor C & I XL HLF collections	38,746 \$0,2722 \$10,547		
(g) FT-2 dth Storage Fixed Cost Factor FT-2 collection	108,548 \$0,4052 \$43,984		
sub-total Dth sub-total Storage Fixed Collections	1,772,922 \$684,624		

National Grid
Rhode Island Service Area
GCR Gas Cost Collections

Forecasted numbers reflect new structure
approved in Dkt 3982 issued 12/01/08

	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 fcast	Apr-09 fcast	May-09 fcast	Jun-09 fcast	Jul-09 fcast	Aug-09 fcast	Sep-09 fcast	Oct-09 fcast	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	3,828,435 \$0.7783 \$2,979,671	2,890,429 \$0.7783 \$2,249,621	1,626,630 \$0.7783 \$1,286,006	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	23,238,310 \$18,501,600
(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	57,950 \$0.5409 \$31,345	55,372 \$0.5409 \$29,951	49,800 \$0.5409 \$26,937	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	629,271 \$362,072
(c) C & I Large LLF dth Supply Fixed Cost Factor C & I Large LLF collections	149,246 \$0.9157 \$136,671	207,332 \$0.7801 \$161,748	189,683 \$0.7615 \$144,435	215,097 \$0.7783 \$167,410	140,996 \$0.7783 \$109,737	84,686 \$0.7783 \$65,911	38,956 \$0.7783 \$30,320	25,178 \$0.7783 \$19,596	18,855 \$0.7783 \$14,675	23,437 \$0.7783 \$18,241	40,125 \$0.7783 \$31,229	1,133,591 \$899,973
(d) C & I Large HLF dth Supply Fixed Cost Factor C & I Large HLF collections	42,621 \$0.7135 \$30,410	55,007 \$0.5470 \$30,088	50,622 \$0.5409 \$27,380	52,677 \$0.5409 \$28,493	48,279 \$0.5409 \$26,114	38,190 \$0.5409 \$20,657	35,790 \$0.5409 \$19,359	28,262 \$0.5409 \$15,287	22,706 \$0.5409 \$12,281	32,740 \$0.5409 \$17,708	32,166 \$0.5409 \$17,399	439,060 \$245,177
(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	21,583 \$0.7783 \$16,798	11,875 \$0.7783 \$9,242	8,039 \$0.7783 \$6,257	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	149,838 \$120,277
(f) C & I Extra Large HLF dth Supply Fixed Cost Factor C & I XL HLF collections	34,887 \$0.7103 \$24,781	79,368 \$0.6431 \$51,038	(5,295) \$0.5314 (\$2,814)	25,765 \$0.5409 \$13,936	26,264 \$0.5409 \$14,206	23,255 \$0.5409 \$12,579	18,702 \$0.5409 \$10,116	18,472 \$0.5409 \$9,991	23,167 \$0.5409 \$12,531	17,762 \$0.5409 \$9,607	20,614 \$0.5409 \$11,150	282,960 \$167,121
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	4,201,508 \$3,237,653	3,173,214 \$2,438,871	1,830,600 \$1,398,347	1,142,202 \$865,586	753,365 \$566,549	633,220 \$474,802	734,503 \$551,457	875,466 \$660,699	25,873,031 \$20,296,220
II. Storage Fixed Cost Collections --												
(a) RH, SM, Med C & I dth Storage Fixed Cost Factor Res & Small C & I collections	2,621,471 \$0.3610 \$946,399	4,203,177 \$0.3015 \$1,267,120	4,519,766 \$0.3083 \$1,393,483	3,828,435 \$0.3082 \$1,179,924	2,890,429 \$0.3082 \$890,830	1,626,630 \$0.3082 \$501,327	1,001,650 \$0.3082 \$308,708	643,585 \$0.3082 \$198,353	536,597 \$0.3082 \$165,379	623,648 \$0.3082 \$192,208	742,922 \$0.3082 \$228,969	23,238,310 \$7,272,700
(b) Res Non-Heat dth Storage Fixed Cost Factor Res Non-heat collections	75,675 \$0.3025 \$22,892	107,166 \$0.2145 \$22,990	104,454 \$0.2162 \$22,579	57,950 \$0.2148 \$12,448	55,372 \$0.2148 \$11,894	49,800 \$0.2148 \$10,697	44,033 \$0.2148 \$9,458	36,650 \$0.2148 \$7,872	30,092 \$0.2148 \$6,484	34,613 \$0.2148 \$7,435	33,466 \$0.2148 \$7,189	629,271 \$141,918
(c) C & I Large LLF dth Storage Fixed Cost Factor C & I Large LLF collections	149,246 \$0.3927 \$58,616	207,332 \$0.3089 \$64,051	189,683 \$0.3015 \$57,195	215,097 \$0.3082 \$66,293	140,996 \$0.3082 \$43,455	84,686 \$0.3082 \$26,100	38,956 \$0.3082 \$12,006	25,178 \$0.3082 \$7,760	18,855 \$0.3082 \$5,811	23,437 \$0.3082 \$7,223	40,125 \$0.3082 \$12,367	1,133,591 \$360,877
(d) C & I Large HLF dth Storage Fixed Cost Factor C & I Large HLF collections	42,621 \$0.2570 \$10,953	55,007 \$0.2172 \$11,948	50,622 \$0.2148 \$10,873	52,677 \$0.2148 \$11,315	48,279 \$0.2148 \$10,370	38,190 \$0.2148 \$8,203	35,790 \$0.2148 \$7,688	28,262 \$0.2148 \$6,071	22,706 \$0.2148 \$4,877	32,740 \$0.2148 \$7,033	32,166 \$0.2148 \$6,909	439,060 \$96,240
(e) C & I XL LLF dth Storage Fixed Cost Factor C & I XL LLF collections	28,564 \$0.3790 \$10,826	39,118 \$0.3082 \$12,056	26,091 \$0.3082 \$8,041	21,583 \$0.3082 \$6,652	11,875 \$0.3082 \$3,660	8,039 \$0.3082 \$2,478	3,071 \$0.3082 \$947	1,219 \$0.3082 \$376	1,803 \$0.3082 \$556	2,303 \$0.3082 \$710	6,172 \$0.3082 \$1,902	149,838 \$48,204
(f) C & I XL HLF dth Storage Fixed Cost Factor C & I XL HLF collections	34,887 \$0.2502 \$8,727	79,368 \$0.2265 \$17,973	(5,295) \$0.1871 (\$991)	25,765 \$0.2148 \$5,534	26,264 \$0.2148 \$5,641	23,255 \$0.2148 \$4,917	18,702 \$0.2148 \$4,017	18,472 \$0.2148 \$3,968	23,167 \$0.2148 \$4,976	17,762 \$0.2148 \$3,815	20,614 \$0.2148 \$4,428	282,960 \$63,083

National Grid
Rhode Island Service Area
GCR Gas Cost Collections

Forecasted numbers reflect new structure approved in Dkt 3982 issued 12/01/08

	Dec-08 actual	Jan-09 actual	Feb-09 actual	Mar-09 fcst	Apr-09 fcst	May-09 fcst	Jun-09 fcst	Jul-09 fcst	Aug-09 fcst	Sep-09 fcst	Oct-09 fcst	Total Dec-Oct
(g) FT-2 dth	99,142	195,879	319,615	132,799	101,904	69,299	49,972	31,443	27,024	32,903	38,143	1,098,123
Storage Fixed Cost Factor	\$0.3817	\$0.3151	\$0.3152	\$0.2197	\$0.2197	\$0.2197	\$0.2197	\$0.2197	\$0.2197	\$0.2197	\$0.2197	\$306,627
FT-2 collection	\$37,847	\$61,731	\$100,727	\$29,176	\$22,388	\$15,225	\$10,979	\$6,908	\$5,937	\$7,229	\$8,380	\$267,154
sub-total Dth	3,051,606	4,887,047	5,204,936	4,334,306	3,275,117	1,899,899	1,192,174	784,808	660,245	767,406	913,609	26,971,154
sub-total Storage Fixed Collections	\$1,096,260	\$1,457,869	\$1,591,907	\$1,311,342	\$989,238	\$569,025	\$353,803	\$231,308	\$194,000	\$225,653	\$270,144	\$2,993,674
III. Variable Supply Cost Collections --												
(a) Firm Sales dth	2,947,113	4,691,168	4,884,146	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	25,866,505
Variable Supply Cost Factor	\$9.0710	\$8.0134	\$8.1824	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$213,463,839
Variable Supply collections	\$26,733,125	\$37,592,032	\$39,964,110	\$34,374,634	\$25,961,649	\$14,977,053	\$9,344,925	\$6,163,659	\$5,180,692	\$6,009,336	\$7,162,624	\$213,463,839
(b) TSS Sales dth	5,351	11,370	(1,974)									
TSS Variable Supply Cost F.	\$0.0000	\$0.0000	\$0.0000									
TSS Surchage collections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(c) NGV Sales dth	1,389	1,561	1,561	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$8.1815	\$35,220
Variable Supply Cost Factor	\$7.7351	\$7.4996	\$12,770									
Variable Supply collections	\$10,744	\$11,706	\$12,770	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,220
(d) Default Sales dth	46	87	0									
Variable Supply Cost Factor	\$12.7100	\$12.4350	\$10,3750									
Variable Supply collections	\$585	\$1,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$585
TOTAL Variable Supply Collections	\$26,744,454	\$37,604,824	\$39,976,880	\$34,374,634	\$25,961,649	\$14,977,053	\$9,344,925	\$6,163,659	\$5,180,692	\$6,009,336	\$7,162,624	\$213,500,730
IVa. Storage Variable Product Cost Collections --												
(a) Firm Sales dth	2,947,113	4,691,168	4,884,146	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	25,866,505
Variable Supply Cost Factor	\$1.4056	\$1.2972	\$1.3245	\$1.3244	\$1.3244	\$1.3244	\$1.3244	\$1.3244	\$1.3244	\$1.3244	\$1.3244	\$34,369,895
Stor Var Product collections	\$4,142,409	\$6,085,302	\$6,469,288	\$5,564,477	\$4,202,604	\$2,424,446	\$1,512,732	\$997,757	\$838,637	\$972,776	\$1,159,467	\$34,369,895
IVb. Storage Variable Non-product Cost Collections --												
(a) Firm Sales dth	2,952,464	4,691,168	4,885,321	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	25,873,031
Variable Supply Cost Factor	\$0.1035	\$0.1106	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$2,882,236
Stor Var Non-Product collec	\$305,460	\$518,748	\$551,481	\$474,350	\$388,256	\$206,675	\$128,955	\$85,055	\$71,491	\$82,925	\$96,840	\$2,882,236
(b) FT-2 dth	99,142	195,879	319,615	132,799	101,904	69,299	49,972	31,443	27,024	32,903	38,143	\$111,438
Variable Supply Cost Factor	\$0.1083	\$0.0894	\$0.0894	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$0.1129	\$111,438
Stor Var Non-Product collec	\$10,742	\$17,521	\$28,589	\$14,993	\$11,505	\$7,824	\$5,642	\$3,550	\$3,051	\$3,715	\$4,306	\$111,438
(b) Total Firm Sales/FT-2 dth	3,051,606	4,887,047	5,204,936	4,334,306	3,275,117	1,899,899	1,192,174	784,808	660,245	767,406	913,609	\$2,993,674
Stor Var Non-Product collec	\$316,202	\$536,269	\$580,070	\$489,343	\$369,761	\$214,499	\$134,597	\$88,605	\$74,542	\$86,640	\$103,146	\$2,993,674
Total Gas Cost Collections	\$35,105,165	\$49,215,342	\$52,383,283	\$44,977,449	\$33,961,123	\$19,583,370	\$12,211,643	\$8,047,878	\$6,762,673	\$7,845,862	\$9,356,280	\$279,450,068

National Grid
Rhode Island Service Area
Gas Cost Inventory Financing Calculation

Line No.	Description (a)	Reference (b)	Nov-08 (c)	Dec-08 (d)	Jan-09 (e)	Feb-09 (f)	Mar-09 (g)	Apr-09 (h)	May-09 (i)	Jun-09 (j)	Jul-09 (k)	Aug-09 (l)	Sep-09 (m)	Oct-09 (n)	Total (p)
1	Storage Inventory Balance														
2	Cost of Capital	Rate Case (1) * (2)	\$5,629,465 8.71%	\$5,629,465 8.71%	\$5,629,465 8.71%	\$5,629,465 8.71%	\$7,078,953 8.71%	\$10,744,012 8.71%	\$14,517,898 8.71%	\$18,295,934 8.71%	\$22,112,829 8.71%	\$25,454,064 8.71%	\$28,756,071 8.71%	\$31,648,204 8.71%	\$15,761,489
3	Return on Working Capital Requirement		\$490,496	\$490,496	\$490,496	\$490,496	\$616,764	\$936,127	\$1,264,946	\$1,594,127	\$1,926,693	\$2,217,816	\$2,505,520	\$2,757,512	\$15,761,489
4	Weighted Cost of Debt	Rate Case (1) * (4)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	\$6,707,915
5	Interest Charges Financed		\$208,485	\$208,485	\$208,485	\$208,485	\$262,155	\$397,900	\$537,665	\$677,593	\$818,940	\$942,682	\$1,064,970	\$1,172,079	\$6,707,915
6	Taxable Income	(3) - (5)	\$282,011	\$282,011	\$282,011	\$282,011	\$354,609	\$538,227	\$727,281	\$916,544	\$1,107,753	\$1,275,134	\$1,440,550	\$1,585,433	\$6,707,915
7	1 - Combined Tax Rate		0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	\$13,959,344
8	Return and Tax Requirement	(6) / (7)	\$433,863	\$433,863	\$433,863	\$433,863	\$545,552	\$828,041	\$1,118,894	\$1,410,068	\$1,704,236	\$1,961,745	\$2,216,230	\$2,439,127	\$13,959,344
9	Working Capital Requirement	(5) + (8)	\$642,348	\$642,348	\$642,348	\$642,348	\$807,707	\$1,225,941	\$1,656,559	\$2,087,651	\$2,523,176	\$2,904,426	\$3,281,200	\$3,611,206	\$20,667,259
10	Monthly Average	(9) / 12	\$53,529	\$53,529	\$53,529	\$53,529	\$67,309	\$102,162	\$138,047	\$173,971	\$210,265	\$242,036	\$273,433	\$300,934	\$1,722,272
11	LNG Inventory Balance														
12	Cost of Capital	Rate Case (11) * (12)	\$7,511,236 8.71%	\$6,999,769 8.71%	\$5,803,567 8.71%	\$5,197,569 8.71%	\$6,366,554 8.71%	\$6,530,262 8.71%	\$6,763,410 8.71%	\$6,988,075 8.71%	\$7,451,871 8.71%	\$7,922,299 8.71%	\$8,256,487 8.71%	\$8,310,797 8.71%	\$7,327,808
13	Return on Working Capital Requirement		\$654,465	\$609,891	\$505,665	\$452,865	\$554,719	\$568,983	\$589,297	\$608,872	\$649,282	\$690,271	\$719,589	\$724,121	\$7,327,808
14	Weighted Cost of Debt	Rate Case (11) * (14)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	\$3,114,682
15	Interest Charges Financed		\$278,176	\$259,234	\$214,933	\$182,480	\$235,783	\$241,846	\$250,480	\$258,801	\$275,977	\$293,399	\$305,776	\$307,787	\$3,114,682
16	Taxable Income	(13) - (15)	\$376,279	\$350,657	\$290,733	\$260,375	\$318,936	\$327,137	\$338,816	\$350,071	\$373,305	\$396,872	\$413,613	\$416,394	\$6,481,733
17	1 - Combined Tax Rate		0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	\$6,481,733
18	Return and Tax Requirement	(16) / (17)	\$578,891	\$539,472	\$447,281	\$400,577	\$490,670	\$503,287	\$521,256	\$538,571	\$574,316	\$610,572	\$636,327	\$640,513	\$6,481,733
19	Working Capital Requirement	(15) + (18)	\$857,067	\$798,706	\$662,214	\$593,067	\$726,453	\$745,133	\$771,736	\$797,372	\$850,293	\$903,971	\$942,103	\$948,300	\$9,596,415
20	Monthly Average	(19) / 12	\$71,422	\$66,559	\$55,184	\$49,422	\$60,538	\$62,094	\$64,311	\$66,448	\$70,858	\$75,331	\$78,509	\$79,025	\$799,701
21	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%	\$134,350
22	Balancing Related Inventory Costs	(20) * (21)	\$11,999	\$11,182	\$9,271	\$8,303	\$10,170	\$10,432	\$10,804	\$11,163	\$11,904	\$12,656	\$13,189	\$13,276	\$134,350
23	Supply Related Inventory Costs	(21) - (22)	\$59,423	\$55,377	\$45,913	\$41,119	\$50,367	\$51,663	\$53,507	\$55,284	\$58,954	\$62,675	\$65,319	\$65,749	\$665,351
24	Propane Inventory Balance														
25	Cost of Capital	Rate Case (24) * (25)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	Return on Working Capital Requirement		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	Weighted Cost of Debt	Rate Case (24) * (27)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	\$0
28	Interest Charges Financed		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	Taxable Income	(26) - (28)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	1 - Combined Tax Rate	Rate Case (29) / (30)	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	\$0
31	Return and Tax Requirement		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	Working Capital Requirement	(28) + (31)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Monthly Average	(32) / 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Line No.	Description (a)	Reference (b)	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total
1	Supply Fixed Costs														
2	Capacity Release Revenue		\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,964,127	\$1,963,019	\$1,964,127	\$1,963,019	\$1,964,127	\$1,964,127	\$1,963,019	\$1,964,127	\$23,442,809
3	Allowable Working Capital Costs	(1) - (2)	\$2,077,178	\$2,006,675	\$1,644,941	\$2,004,324	\$1,964,127	\$1,963,019	\$1,964,127	\$1,963,019	\$1,964,127	\$1,964,127	\$1,963,019	\$1,964,127	\$23,442,809
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	Working Capital Requirement	(3) * (4) / 365	\$138,858	\$134,145	\$109,963	\$133,988	\$131,301	\$131,226	\$131,301	\$131,226	\$131,301	\$131,301	\$131,226	\$131,301	\$1,313,226
6	Cost of Capital	Rate Case	\$12,099	\$11,688	\$9,581	\$11,674	\$11,440	\$11,434	\$11,440	\$11,434	\$11,440	\$11,440	\$11,434	\$11,440	\$114,440
7	Return on Working Capital Requirement	(5) * (6)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
8	Weighted Cost of Debt	Rate Case	\$5,143	\$4,966	\$4,072	\$4,962	\$4,863	\$4,860	\$4,863	\$4,860	\$4,863	\$4,863	\$4,860	\$4,863	\$48,663
9	Interest Expense	(5) * (8)	\$6,955	\$6,720	\$5,509	\$6,712	\$6,578	\$6,574	\$6,578	\$6,574	\$6,578	\$6,578	\$6,574	\$6,578	\$66,578
10	Taxable Income	(7) - (9)	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$65,000
11	1 - Combined Tax Rate	Rate Case	\$10,702	\$10,398	\$8,475	\$10,326	\$10,119	\$10,114	\$10,119	\$10,114	\$10,119	\$10,119	\$10,114	\$10,119	\$101,114
12	Return and Tax Requirement	(10) / (11)	\$15,844	\$15,307	\$12,547	\$15,289	\$14,982	\$14,974	\$14,982	\$14,974	\$14,982	\$14,982	\$14,974	\$14,982	\$149,822
13	Supply Fixed Working Capital Requirement	(9) + (12)													\$178,817
14	Storage Fixed Costs														\$9,495,335
15	Less: LNG Demand to DAC		\$706,326	\$678,503	\$1,085,153	\$759,164	\$771,732	\$748,393	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$7,410,111
16	Less: Credits		\$28,460	\$33,994	\$98,428	\$39,623	\$26,460	\$26,460	\$26,460	\$26,460	\$26,460	\$26,460	\$26,460	\$26,460	\$264,600
17	Plus: Supply Related LNG O&M Costs		\$43,241	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$47,253	\$472,530
18	Allowable Working Capital Costs	(14) - (15) + (16)	\$723,107	\$698,762	\$1,033,979	\$766,794	\$792,525	\$769,186	\$761,804	\$761,804	\$761,804	\$761,804	\$761,804	\$761,804	\$7,618,004
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	
20	Working Capital Requirement	(17) * (18) / 365	\$48,339	\$46,165	\$69,121	\$51,260	\$52,980	\$51,420	\$50,926	\$50,926	\$50,926	\$50,926	\$50,926	\$50,926	\$509,260
21	Cost of Capital	Rate Case	\$4,212	\$5,765	\$6,023	\$4,465	\$4,616	\$4,480	\$4,437	\$4,437	\$4,437	\$4,437	\$4,437	\$4,437	\$44,370
22	Return on Working Capital Requirement	(19) * (20)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
23	Weighted Cost of Debt	Rate Case	\$1,790	\$2,450	\$2,560	\$1,998	\$1,962	\$1,904	\$1,886	\$1,886	\$1,886	\$1,886	\$1,886	\$1,886	\$18,866
24	Interest Expense	(19) * (22)	\$2,422	\$3,315	\$3,463	\$2,668	\$2,654	\$2,576	\$2,551	\$2,551	\$2,551	\$2,551	\$2,551	\$2,551	\$25,510
25	Taxable Income	(19) - (23)	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$65,000
26	1 - Combined Tax Rate	Rate Case	\$3,726	\$5,089	\$5,327	\$3,951	\$4,083	\$3,963	\$3,925	\$3,925	\$3,925	\$3,925	\$3,925	\$3,925	\$39,250
27	Return and Tax Requirement	(24) / (25)	\$5,516	\$7,550	\$7,887	\$5,849	\$6,045	\$5,867	\$5,811	\$5,811	\$5,811	\$5,811	\$5,811	\$5,811	\$58,110
28	Storage Fixed Working Capital Requirement	(23) + (26)													\$73,579
1	Supply Variable Costs														
2a	Less: Non-firm Sales		\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$26,539,883	\$14,866,946	\$3,394,151	\$5,595,357	\$4,988,930	\$5,307,669	\$5,755,776	\$10,186,162	\$242,101,099
2b	Less: Variable Delivery Storage Costs		\$0	\$0	\$0	\$0	(\$28,311)	(\$1,189)	\$0	\$0	(\$10,712)	(\$9,824)	(\$9,830)	\$0	\$0
2c	Less: Variable Injection Storage Costs		\$0	\$0	\$0	\$0	(\$11,100)	(\$11,057)	(\$11,260)	(\$11,057)	(\$69,064)	(\$60,886)	(\$60,501)	(\$60,501)	(\$72,665)
2d	Less: Fuel Costs Allocated to Storage		\$0	\$0	\$0	\$0	(\$248,480)	(\$71,368)	(\$70,627)	(\$70,627)	(\$70,627)	(\$70,627)	(\$70,627)	(\$70,627)	(\$704,625)
2e	Less: Supply Refunds		\$0	\$0	\$0	\$0	(\$276,791)	(\$83,671)	(\$81,887)	(\$81,811)	(\$79,776)	(\$70,811)	(\$70,811)	(\$61,755)	(\$605,790)
3	Total Credits		\$26,151,719	\$39,470,206	\$51,940,843	\$42,921,436	\$26,816,674	\$14,950,623	\$8,476,038	\$5,677,168	\$5,048,706	\$5,378,479	\$5,826,058	\$10,249,937	\$242,907,888
4	Allowable Working Capital Costs	(1) - (2)	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	Working Capital Requirement	Rate Case	\$1,748,225	\$2,638,556	\$3,472,210	\$2,869,269	\$1,792,676	\$999,459	\$666,617	\$379,515	\$337,503	\$359,548	\$359,468	\$685,201	\$6,852,201
6	Cost of Capital	Rate Case	\$152,323	\$229,898	\$302,534	\$250,000	\$166,196	\$87,081	\$49,369	\$33,067	\$29,407	\$31,327	\$33,934	\$33,934	\$339,304
7	Return on Working Capital Requirement	(5) * (6)	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	
8	Weighted Cost of Debt	Rate Case	\$64,745	\$97,718	\$128,552	\$106,262	\$66,391	\$37,014	\$20,984	\$14,055	\$17,489	\$13,316	\$14,424	\$14,424	\$144,240
9	Interest Expense	(5) * (8)	\$87,578	\$132,180	\$173,942	\$143,737	\$89,805	\$50,067	\$28,385	\$19,012	\$16,907	\$18,012	\$19,511	\$19,511	\$195,111
10	Taxable Income	(7) - (9)	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$65,000
11	1 - Combined Tax Rate	Rate Case	\$134,736	\$203,354	\$267,603	\$221,135	\$138,162	\$77,027	\$43,669	\$29,249	\$26,011	\$27,710	\$30,016	\$30,016	\$300,016
12	Return and Tax Requirement	(10) / (11)	\$199,490	\$301,071	\$386,195	\$327,397	\$204,553	\$114,041	\$64,654	\$43,304	\$38,511	\$41,026	\$44,440	\$44,440	\$444,440
13	Supply Variable Working Capital Requirement	(9) * (12)													\$1,862,857

National Grid
Rhode Island Service Area
Gas Cost Working Capital Calculation

Line No.	Description (a)	Reference (b)	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total
14	Storage Variable Product Costs		\$752,235	\$1,431,628	\$2,056,513	\$816,537	\$5,365,069	\$192,757	\$192,750	\$179,985	\$180,441	\$175,052	\$165,113	\$167,204	\$11,697,293
15	Less: Balancing Related LNG Commodity (to DAC)		(\$126,376)	(\$240,514)	(\$345,494)	(\$137,514)	(\$41,964)	(\$32,393)	(\$32,394)	(\$30,237)	(\$30,314)	(\$29,409)	(\$27,739)	(\$28,090)	(\$1,102,408)
16	Plus: Supply Related LNG O&M Costs		\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$32,857	\$394,285
17	Allowable Working Capital Costs	(14) + (15) + (16)	\$688,717	\$1,223,972	\$1,743,876	\$713,880	\$5,375,972	\$193,231	\$193,233	\$182,605	\$182,984	\$178,500	\$170,231	\$171,971	\$10,969,170
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	24.40
19	Working Capital Requirement	(17) * (18) / 365	\$44,095	\$81,822	\$116,577	\$47,722	\$359,380	\$12,917	\$12,918	\$12,207	\$12,232	\$11,933	\$11,380	\$11,496	\$11,496
20	Cost of Capital	Rate Case	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%
21	Return on Working Capital Requirement	(19) * (20)	\$3,837	\$7,129	\$10,157	\$4,158	\$31,313	\$1,125	\$1,126	\$1,064	\$1,066	\$1,040	\$992	\$1,002	\$1,002
22	Weighted Cost of Debt	Rate Case	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%
23	Interest Expense	(19) * (22)	\$1,631	\$3,030	\$4,317	\$1,767	\$13,310	\$478	\$478	\$452	\$453	\$442	\$421	\$426	\$426
24	Taxable Income	(19) - (23)	\$2,206	\$4,099	\$5,840	\$2,391	\$18,003	\$647	\$647	\$612	\$613	\$598	\$570	\$576	\$576
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	0.6500
26	Return and Tax Requirement	(24) / (25)	\$3,394	\$6,306	\$8,985	\$3,678	\$27,697	\$996	\$996	\$941	\$943	\$920	\$877	\$866	\$866
27	Storage Var. Product Working Capital Requir.	(23) + (26)	\$5,025	\$9,336	\$13,302	\$5,445	\$41,007	\$1,474	\$1,474	\$1,393	\$1,396	\$1,362	\$1,298	\$1,312	\$93,823
1	Storage Variable Non-Product Costs		\$0	\$0	\$594,288	\$477,455	(\$145,513)	(\$42,415)	(\$81,887)	(\$81,811)	(\$79,776)	(\$70,811)	(\$70,282)	(\$61,755)	\$437,493
2	Credits	(1) - (2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Allowable Working Capital Costs		\$0	\$0	\$594,288	\$477,455	(\$145,513)	(\$42,415)	(\$81,887)	(\$81,811)	(\$79,776)	(\$70,811)	(\$70,282)	(\$61,755)	\$437,493
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	24.40
5	Working Capital Requirement	(3) * (4) / 365	\$0	\$0	\$59,728	\$31,918	(\$9,727)	(\$2,835)	(\$5,474)	(\$5,469)	(\$5,333)	(\$4,734)	(\$4,698)	(\$4,128)	\$4,128
6	Cost of Capital	Rate Case	8.71%	8.71%	8.71%	8.71%	8.71%	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	\$3,461	\$2,781	(\$848)	(\$247)	(\$477)	(\$477)	(\$466)	(\$412)	(\$409)	(\$360)	\$360
8	Weighted Cost of Debt	Rate Case	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%	3.70%
9	Interest Expense	(5) * (8)	\$0	\$0	\$1,471	\$1,182	(\$360)	(\$105)	(\$203)	(\$203)	(\$198)	(\$175)	(\$174)	(\$153)	\$153
10	Taxable Income	(7) - (9)	\$0	\$0	\$1,990	\$1,599	(\$487)	(\$142)	(\$274)	(\$274)	(\$267)	(\$237)	(\$235)	(\$207)	\$207
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	0.6500
12	Return and Tax Requirement	(10) / (11)	\$0	\$0	\$3,062	\$2,460	(\$750)	(\$219)	(\$422)	(\$421)	(\$411)	(\$365)	(\$362)	(\$318)	\$318
13	Storage Variable Non-product WC Requir.	(9) + (12)	\$0	\$0	\$4,533	\$3,642	(\$1,110)	(\$324)	(\$625)	(\$624)	(\$609)	(\$540)	(\$536)	(\$471)	\$3,337

National Grid
Rhode Island Service Area
Actual Throughput (Dth)

Line No.	Rate Class (a)	Nov-08 (b) actual	Dec-08 (c) actual	Jan-09 (c) actual	Feb-09 (e) actual	Mar-09 (f)	Apr-09 (g)	May-09 (h)	Jun-09 (i)	Jul-09 (j)	Aug-09 (k)	Sep-09 (l)	Oct-09 (m)	Nov-Oct (p)
1	SALES (dth)													
2	Residential Non-Heating	56,197	74,260	105,168	104,454	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	682,055
3	Residential Non-Heating Low Income	1,047,572	1,415	1,998	2,363	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	17,690,986
4	Residential Heating		1,905,706	2,841,943	3,169,269									625,827
5	Residential Heating Low Income		158,314	221,411	246,102									2,404,624
6	Small C&I	136,165	243,294	468,169	445,253	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	3,995,473
7	Medium C&I	239,162	313,646	688,669	657,578	618,530	460,648	279,414	185,397	122,539	111,145	127,788	150,757	1,210,305
8	Large LLF	89,907	144,636	198,749	189,683	215,097	140,996	84,686	38,956	25,178	18,655	23,437	40,125	474,278
9	Large HLF	35,390	42,451	55,005	50,622	52,677	48,279	38,190	35,790	28,262	22,706	32,740	32,166	167,478
10	Extra Large LLF	17,640	28,564	42,451	40,399	21,583	11,875	8,039	3,071	1,219	1,803	2,303	6,172	32,170
11	Extra Large HLF	38,746	34,887	79,368	(5,295)	25,765	26,264	18,472	18,702	18,472	23,167	17,762	20,614	321,706
	Total Sales	1,660,789	2,947,113	4,679,798	4,866,120	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	27,517,908
12	TSS													
13	Medium	671	571	2,785	1,564									674,514
14	Large LLF	2,560	4,610	8,583	(1,972)									402,487
15	Large HLF	384	170	2	(2)									92,982
16	Extra Large LLF	0	0	0	0									10,758
17	Extra Large HLF	0	0	0	0									25,930
18	Total TSS	3,615	5,351	11,370	(1,974)									1,206,671
19	FT-2 TRANSPORTATION													
20	FT-2 Medium	75,145	30,048	81,959	201,285	74,002	56,092	40,443	29,627	21,960	18,443	21,389	21,920	674,514
21	FT-2 Large LLF	23,240	55,156	92,226	101,097	44,823	32,688	20,161	12,964	3,728	3,424	4,444	8,515	402,487
22	FT-2 Large HLF	7,511	9,765	11,555	11,117	10,479	8,460	7,213	6,145	4,855	4,340	6,129	5,414	92,982
23	FT-2 Extra Large LLF	974	1,687	2,198	2,619	1,456	753	90	24	6	6	7	957	10,758
24	FT-2 Extra Large HLF	1,678	2,506	7,941	3,497	2,038	1,910	1,393	953	893	811	934	1,336	25,930
25	Total FT-2 Transportation	108,548	99,142	195,879	319,615	132,789	101,904	69,299	49,872	31,443	27,024	32,903	38,143	1,206,671
26	Sales & FT-2 THROUGHPUT													
27	Residential Non-Heating	56,197	74,260	105,168	104,454	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	682,055
28	Residential Non-Heating Low Income	1,047,572	1,415	1,998	2,363	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	17,690,986
29	Residential Heating		1,905,706	2,841,943	3,169,269									625,827
30	Residential Heating Low Income		158,314	221,411	246,102									2,404,624
31	Small C&I	136,185	243,234	468,169	445,253	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	3,995,473
32	Medium C&I	314,978	344,265	753,613	660,427	692,533	518,741	319,856	215,223	144,500	129,568	149,177	172,678	4,615,578
33	Large LLF	115,707	204,402	299,558	288,807	259,921	173,684	104,847	51,940	28,906	22,279	27,881	48,641	1,626,573
34	Large HLF	49,285	52,386	66,962	61,737	63,156	56,738	45,402	41,935	33,117	27,045	36,669	37,560	567,814
35	Extra Large LLF	18,614	30,231	41,316	28,710	12,629	12,629	8,129	3,095	1,226	1,810	2,309	7,129	178,236
36	Extra Large HLF	40,424	37,393	87,309	(1,799)	27,803	28,174	24,548	19,695	19,364	23,978	18,696	21,950	347,636
37	Total Sales & FT-2 Throughput	1,772,962	3,051,606	4,887,047	5,205,324	4,334,306	3,275,117	1,899,899	1,192,174	784,808	660,245	767,406	913,609	28,744,504
38	FT-1 TRANSPORTATION													
39	FT-1 Medium	38,827	96,524	110,676	96,175	83,737	55,538	32,113	28,661	21,618	21,065	26,819	31,520	643,272
40	FT-1 Large LLF	66,319	159,315	169,518	159,007	164,311	99,864	43,799	27,007	18,071	17,338	24,053	46,119	994,721
41	FT-1 Large HLF	132,271	109,635	(144,121)	48,882	39,937	36,236	38,929	30,746	29,900	30,746	33,276	26,727	318,097
42	FT-1 Extra Large LLF	26,687	61,588	92,220	92,732	154,078	100,128	56,768	32,333	28,528	29,989	31,050	55,225	765,327
43	FT-1 Extra Large HLF	115,775	383,277	532,866	510,493	442,550	405,570	360,300	338,079	346,036	357,328	369,273	367,053	4,528,511
44	Default	(10,666)	46	87	0									
45	Total FT-1 Transportation	369,213	810,385	765,266	793,026	894,538	701,037	529,217	465,009	444,124	456,466	484,472	526,644	7,249,928

No.	Rate Class (a)	Nov-08 (b)	Dec-08 (c)	Jan-09 (d)	Feb-09 (e)	Mar-09 (f)	Apr-09 (g)	May-09 (h)	Jun-09 (i)	Jul-09 (j)	Aug-09 (k)	Sep-09 (l)	Oct-09 (m)	Nov-Oct (p)
46	Total THROUGHPUT													
47	Residential Non-Heating	56,197	74,260	105,168	104,454	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	662,055
48	Residential Non-Heating Low Income		1,415	1,998	2,363	0	0	0	0	0	0	0	0	5,776
49	Residential Heating	1,047,572	1,905,706	2,841,943	3,169,269	2,808,634	2,148,904	1,211,919	734,882	469,333	378,980	444,050	528,984	17,690,386
50	Residential Heating Low Income		158,314	221,411	246,102	0	0	0	0	0	0	0	0	625,827
51	Small C&I	135,185	243,234	468,169	445,253	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,404,624
52	Medium C&I	353,805	440,789	864,289	956,602	776,269	574,278	351,970	243,885	166,117	150,652	175,996	204,197	5,258,849
53	Large LLF	182,028	363,717	469,076	447,814	424,232	273,548	148,646	78,946	46,977	39,617	51,935	94,760	2,621,294
53	Large HLF	175,556	162,021	(77,559)	(3,563)	113,038	96,675	81,639	80,864	63,018	57,791	72,145	64,307	865,912
54	Extra Large LLF	45,301	91,819	137,536	121,443	177,116	112,756	64,897	35,429	29,754	31,799	33,359	62,354	943,664
54	Extra Large HLF	156,199	420,670	620,195	508,634	470,334	433,744	384,949	357,774	365,370	381,306	387,869	389,003	4,876,146
56	Default	(10,656)	46	57	0	0	0	0	0	0	0	0	0	(10,653)
57	Total Throughput	2,142,175	3,861,991	5,652,313	5,998,350	5,228,844	3,976,154	2,429,116	1,657,163	1,228,952	1,116,710	1,251,878	1,440,252	35,963,900