

Thomas R. Teehan Senior Counsel Rhode Island

July 20, 2010

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

RE: Docket 4097 – 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 eight months of actual data, and four months of projected data, the October 31, 2010 deferred gas cost balance is an under-collection of \$8.7 million (see attached Schedule 1, page 2). This calculation is based on the November 1, 2009 starting balance of a \$9.9 million under-collection, plus actual gas costs and gas cost collections for November 2009 through June 2010 along with projected costs for July through October 2010. These projected costs are updated to reflect the July 14, 2010 NYMEX settle.

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 June 2010, the Company incurred actual gas costs of \$7.8 million, working capital of \$55,820 and GCR revenue collections of \$8.5 million, for a net over-collection of approximately \$81,000. Gas cost collections continued to be weak as the volume billed in June was 30% below the projection in the GCR resulting in collections \$3.6 million lower than estimated in the GCR filing report.

Schedule 2 provides a breakdown of actual gas costs for November 2009 through June 2010 and projected gas costs for July through October 31, 2010. Schedule 3 summarizes actual gas cost revenue collections for November 2009 through June 2010 and projected gas cost revenue collections for July through October 2010. Schedule 4 shows the calculation of inventory finance charges. The calculation of working capital is presented on pages 1 and 2 of Schedule 5. Schedule 6 presents customer class specific throughput.

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

Very truly yours,

Thomas R. Teehan

Enclosures

cc: Docket 4097 Service List

Docket No. 4097 – National Grid – Annual Gas Cost Recovery Filing ("GCR") - Service List as of 10/5/09

| Name/Address | E-mail | Phone/FAX |
|---|------------------------------|--------------|
| Thomas R. Teehan, Esq. | Thomas.teehan@us.ngrid.com | 401-784-7667 |
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| 50 Rowes Wharf, 3 rd Floor | | |
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| Bruce Oliver | Boliver.rha@verizon.net | 703-569-6480 |
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| 7103 Laketree Drive | | |
| Fairfax Station, VA 22039 | | |
| File an original & nine (9) copies w/: | Lmassaro@puc.state.ri.us | 401-780-2107 |
| Luly E. Massaro, Commission Clerk | | 401-941-1691 |
| Public Utilities Commission | Plucarelli@puc.state.ri.us | |
| 89 Jefferson Blvd. | | |
| Warwick RI 02888 | Sccamara@puc.state.ri.us | |

| | Nov-09 30 actual | Dec-09 31 actual | Jan-10 31 actual | Feb-10 28 actual | Mar-10 31 actual | Apr-10 30 actual | May-10 31 actual | Jun-10 30 actual | Jul-10 31 fcst | Aug-10 31 fcst | Sep-10 30 fcst | Oct-10 31 fcst | Nov - Oct 365 |
|--|------------------------------|---------------------------|--------------------------|---------------------------|---------------------------|------------------------------|---------------------------|---------------------------|------------------------------|-------------------------|-------------------------|-------------------------|-----------------------------|
| | | | | | | | | | | | | | |
| I. Supply Fixed Cost Deferred | | | | | | | | | | | | | |
| Beginning Balance | (\$802,683) | (\$2,008,988) | (\$2,919,408) | (\$6,153,880) | (\$8,740,364) | (\$10,167,336) | (\$12,045,905) | (\$11,723,134) | (\$10,947,773) | (\$9,450,613) | (\$7,831,898) | (\$6,272,038) | |
| Supply Fixed Costs (net of cap rel) | \$1,841,268 | \$1,804,066 | \$2,016,419 | \$2,007,574 | \$2,443,223 | \$1,096,842 | \$1,813,964 | \$1,780,218 | \$2,477,975 | \$2,477,975 | \$2,477,914 | \$2,477,975 | \$24,715,412 |
| Capacity Release | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Working Capital | <u>\$13,693</u> | \$13,417 | <u>\$14,996</u> | <u>\$14,930</u> | <u>\$18,170</u> | <u>\$8,157</u> | <u>\$13,490</u> | <u>\$13,239</u> | <u>\$18,428</u> | <u>\$18,428</u> | <u>\$18,428</u> | <u>\$18,428</u> | \$183,805 |
| Total Supply Fixed Costs | \$1,854,961 | \$1,817,483 | \$2,031,415 | \$2,022,504 | \$2,461,393 | \$1,104,999 | \$1,827,454 | \$1,793,457 | \$2,496,403 | \$2,496,403 | \$2,496,342 | \$2,496,403 | \$24,899,217 |
| Supply Fixed - Collections | \$1,747,051 | \$2,570,825 | \$5,106,609 | \$4,447,380 | \$3,723,869 | \$2,203,081 | \$1,292,179 | \$806,558 | \$788,528 | \$668,625 | \$729,343 | \$978,464 | \$25,062,512 |
| Prelim. Ending Balance | (\$694,774) | (\$2,762,330) | (\$5,994,602) | (\$8,578,755) | (\$10,002,841) | (\$11,265,418) | (\$11,510,630) | (\$10,736,235) | (\$9,239,897) | (\$7,622,835) | (\$6,064,899) | (\$4,754,099) | |
| Month's Average Balance | (\$748,728) | (\$2,385,659) | (\$4,457,005) | (\$7,366,318) | (\$9,371,603) | (\$10,716,377) | (\$11,778,267) | (\$11,229,685) | (\$10,093,835) | (\$8,536,724) | (\$6,948,399) | (\$5,513,068) | |
| Interest Rate (BOA Prime minus 200 bps) | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | |
| Interest Applied | (\$769) | (\$2,533) | (\$4,732) | (\$7,064) | (\$9,949) | (\$11,010) | (\$12,504) | (\$11,537) | (\$10,716) | (\$9,063) | (\$7,139) | (\$5,853) | (\$92,869) |
| Gas Procurement Incentive/(penalty) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| NGPMP Credit | \$1,313,445 | \$154,545 | \$154,545 | \$154,545 | \$154,545 | \$769,477 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$3,901,104 |
| Supply Fixed Ending Balance | \$617,902 | (\$2,919,408) | (\$6,153,880) | (\$8,740,364) | (\$10,167,336) | (\$12,045,905) | (\$11,723,134) | (\$10,947,773) | (\$9,450,613) | (\$7,831,898) | (\$6,272,038) | (\$4,959,952) | |
| II. Olassas Fired Oast Datased | | | | | | | | | | | | | |
| II. Storage Fixed Cost Deferred | £4.074.040 | ¢4 050 000 | ¢4 670 4FF | \$206,359 | (fcc4 40c) | (\$4.404.COE) | (\$4,000,4E0) | (ft4 coo 404) | (04 407 040) | (\$621,840) | (\$EZ 00Z) | \$481,506 | |
| Beginning Balance | \$1,674,812 | \$1,850,028 | \$1,670,455 | | (\$661,406) | (\$1,481,605) | (\$1,862,153) | (\$1,622,104) | (\$1,137,242) | , , , | (\$57,997) | | £40.040.040 |
| Storage Fixed Costs LNG Demand to DAC | \$943,967 (\$77,196) | \$952,357 (\$77,196) | \$721,613 | \$1,086,439 | \$800,927 | \$549,607 | \$815,928 (\$58,303) | \$853,488 | \$823,721 | \$823,721 | \$822,521 (\$26,460) | \$823,721 (\$26,460) | \$10,018,010 |
| Supply Related LNG O & M | (\$77,196) \$51,549 | \$51,549 | (\$39,815) \$51,549 | (\$84,534) \$51,549 | (\$51,506) \$51,549 | (\$13,671) \$51,549 | (\$58,303) \$51,549 | (\$64,296) \$51,549 | (\$26,460) \$51,549 | (\$26,460) \$51,549 | (\$26,460) \$51,549 | (\$26,460) \$51,549 | (\$572,357) \$618,591 |
| Working Capital | \$51,549 \$6,829 | \$6,892 | \$51,549 \$5,454 | \$51,549 \$7,834 | \$5,957 | \$4,369 | \$51,549 \$6,018 | \$6,252 | \$6,312 | \$51,549 \$6,312 | \$6,304 | \$6,312 | \$618,591 \$74,846 |
| o . | \$925,149 | \$933.602 | \$738,802 | \$1,061,289 | \$806,927 | \$591,855 | \$815,192 | \$846,994 | \$855,123 | \$855,123 | \$853,914 | \$855,123 | \$10,139,091 |
| Total Storage Fixed Costs TSS Peaking Collections | \$925,149 \$0 | \$933,602 \$0 | \$738,802 \$0 | \$1,061,289 \$0 | \$806,927 \$0 | \$091,655 \$0 | \$615,192 \$0 | \$846,994 \$0 | \$655,123 \$0 | \$655,123 \$0 | \$653,914 \$0 | \$655,123 \$0 | \$10,139,091 |
| Storage Fixed - Collections | \$751,743 | \$1,115,042 | \$2,203,893 | \$1,928,836 | \$1,625,989 | \$970,686 | \$573,295 | \$360,715 | \$338,787 | \$290,919 | \$314,628 | \$424,099 | \$10.898.632 |
| Prelim. Ending Balance | \$1,848,218 | \$1,115,042 | \$2,203,893 | (\$661,188) | (\$1,480,468) | (\$1,860,436) | (\$1,620,256) | (\$1,135,825) | (\$620,907) | (\$57,636) | \$481,289 | \$912,529 | \$10,090,032 |
| Month's Average Balance | \$1,761,515 | \$1,759,307 | \$937,909 | (\$227,414) | (\$1,070,937) | (\$1,671,021) | (\$1,741,204) | (\$1,378,965) | (\$879,074) | (\$339,738) | \$211,646 | \$697,018 | |
| Interest Rate (BOA Prime minus 200 bps) | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | 1.25% | |
| Interest Applied | \$1,810 | \$1,868 | \$996 | (\$218) | (\$1,137) | (\$1,717) | (\$1,849) | (\$1,417) | (\$933) | (\$361) | \$217 | \$740 | (\$2,000) |
| Storage Fixed Ending Balance | \$1,850,028 | \$1,670,455 | \$206,359 | (\$661,406) | (\$1,481,605) | (\$1,717) | (\$1,622,104) | (\$1,417) | (\$621,840) | (\$57,997) | \$481,506 | \$913,269 | (\$2,000) |
| | | | | | | | | | | | | | |
| III. Variable Supply Cost Deferred | \$44,286,232 | \$46.972.599 | \$56.312.439 | \$45,371,861 | \$34.931.612 | \$24,325,204 | \$22,125,549 | \$17,535,102 | \$14.983.728 | \$13,099,413 | \$12,307,849 | \$11,692,637 | |
| Beginning Balance | \$44,286,232 \$18,065,386 | \$31,739,269 | \$33,753,812 | \$28,292,074 | \$21,711,082 | \$24,325,204 \$17,039,931 | \$6,791,156 | \$4,668,653 | \$5,103,051 | \$5,160,594 | \$5,835,322 | | \$189,427,907 |
| Variable Supply Costs | \$18,065,386 | (\$29,074) | | (\$69,473) | | \$17,039,931 | \$6,791,156 \$0 | \$4,000,053 \$0 | \$5,103,051 \$0 | \$5,160,594 \$0 | \$5,835,322 \$0 | \$11,267,576 | (\$210,983) |
| Variable Delivery Storage | | (' ' ' | (\$89,361) | (\$69,473) | (\$23,075) | | • • | | | | | | , , |
| Variable Injections Storage Fuel Cost Allocated to Storage | (\$5,163) (\$33,017) | (\$488) (\$125,895) | \$0 (\$380,174) | \$291,966) | (\$1,472) (\$130,763) | (\$16,828) (\$88,698) | (\$17,350) (\$92,134) | (\$13,932) (\$74,192) | (\$8,143) (\$39,785) | (\$7,185) (\$31,561) | (\$361) (\$2,753) | (\$9,372) (\$52,812) | (\$80,294) (\$1,343,751) |
| • | \$134,066 | \$234,884 | \$247,530 | \$207,716 | \$160,307 | \$125,939 | \$49,691 | \$34,065 | \$37,594 | \$38,090 | \$43,373 | \$83,333 | \$1,396,587 |
| Working Capital | \$134,066 \$18,161,271 | \$234,884 \$31,818,695 | \$33,531,807 | \$207,716 \$28,138,351 | \$160,307 \$21,716,079 | \$17,060,343 | \$6,731,362 | \$4,614,594 | \$5,092,718 | \$5,159,938 | \$5,875,582 | | \$189,189,465 |
| Total Supply Variable Costs | | | | | | | | | \$6.991.932 | | | | |
| Supply Variable - Collections | \$15,520,233 \$1,527 | \$22,531,906 \$1,746 | \$44,516,981 \$9,352 | \$38,605,179 \$11,904 | \$32,336,891 \$17,035 | \$19,284,258 (\$410) | \$11,349,178 | \$7,191,128 (\$8,464) | \$6,991,932 \$0 | \$5,964,982 \$0 | \$6,503,117 \$0 | \$8,639,485 \$0 | \$219,435,269 |
| Deferred Responsibility Prelim. Ending Balance | \$1,527 \$46.925.744 | \$1,746 \$56.257.643 | \$9,352 \$45.317.914 | \$11,904 \$34.893.129 | \$17,035 \$24.293.766 | (\$410) \$22.101.699 | (\$6,327) \$17.514.061 | (\$8,464) \$14.967.032 | \$0 \$13.084.514 | \$12.294.370 | \$0 \$11.680.314 | \$0 \$14.341.876 | |
| Month's Average Balance | \$45,605,988 | \$51,615,121 | \$50,815,177 | \$40,132,495 | \$29,612,689 | \$23,213,451 | \$19,819,805 | \$14,967,032 | \$13,084,514 \$14,034,121 | \$12,294,370 | \$11,994,082 | \$14,341,876 | |
| Interest Rate (BOA Prime minus 200 bps) | \$45,605,988 1.25% | 1.25% | 1.25% | \$40,132,495 1.25% | \$29,612,689 1.25% | \$23,213,451 1.25% | 1.25% | 1.25% | \$14,034,121 1.25% | 1.25% | \$11,994,082 1.25% | \$13,017,256 1.25% | |
| Interest Applied | \$46.855 | \$54.797 | \$53.948 | \$38.483 | \$31.438 | \$23.849 | \$21.042 | \$16.696 | \$14.899 | \$13.480 | \$12,323 | \$13,820 | \$341,630 |
| Gas Procurement Incentive/(penalty) | \$40,855 \$0 | \$54,797 \$0 | \$53,948 \$0 | \$38,483 \$0 | \$31,438 \$0 | \$23,849 \$0 | \$21,042 \$0 | \$10,090 | \$14,899 \$0 | \$13,480 \$0 | \$12,323 \$0 | \$13,820 \$0 | \$341,630 \$0 |
| Supply Variable Ending Balance | \$46,972,599 | \$56,312,439 | \$45,371,861 | \$34,931,612 | \$24,325,204 | \$22,125,549 | \$17,535,102 | \$14,983,728 | \$13,099,413 | \$12.307.849 | \$11,692,637 | \$14,355,695 | Ψ |
| Supply valiable cliding balance | φ 4 0,912,399 | φJ0,312,439 | ψ 4 0,371,001 | φ54,951,01Z | φ24,323,204 | φ22, 120,049 | φ17,000,102 | ψ14,903,128 | φ13,099,413 | φ12,301,049 | φ11,092,037 | φ 14,300,095 | |

| | Nov-09 30 actual | Dec-09 31 actual | Jan-10 31 actual | Feb-10 28 actual | Mar-10 31 actual | Apr-10 30 actual | May-10 31 actual | Jun-10 30 actual | Jul-10 31 fcst | Aug-10 31 fcst | Sep-10 30 fcst | Oct-10 31 fcst | Nov - Oct 365 |
|--|---|--|--|---|---|--|---|---|--|--|---|---|---|
| IVa. Storage Variable Product Cost Deferred Beginning Balance Storage Variable Prod. Costs - LNG Storage Variable Prod. Costs - UG Supply Related LNG to DAC Supply Related LNG O & M Inventory Financing - LNG Inventory Financing - UG Working Capital Total Storage Variable Product Costs Storage Variable Product Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) | (\$30,418,752) \$31,545 \$933,168 (\$5,299) \$35,844 \$48,072 \$385,002 \$7,402 \$1,395,758 \$494,064 (\$29,517,058) (\$29,967,905) | (\$29,547,847) \$743,101 \$4,102,105 (\$124,841) \$35,844 \$44,219 \$331,274 \$35,371 \$4,971,320 \$723,726 (\$25,300,253) (\$27,424,050) | (\$25,329,368) \$820,931 \$12,782,776 (\$137,916) \$35,844 \$41,050 \$222,978 \$100,410 \$13,644,500 \$1,432,335 (\$13,117,203) (\$19,223,285) 1.25% | (\$13,137,611) \$1,161,436 \$8,449,142 (\$195,121) \$35,844 \$34,733 \$143,100 \$70,288 \$9,576,405 \$1,245,287 (\$4,806,493) (\$8,972,052) 1,25% | (\$4,815,097) (\$86,720) \$3,807,808 \$14,569 \$35,844 \$42,932 \$92,455 \$28,048 \$3,843,690 \$1,043,832 (\$2,015,239) (\$3,415,168) 1.25% | (\$2,018,864) \$205,101 \$70,513 (\$34,457) \$35,844 \$42,951 \$148,334 \$2,060 \$468,763 \$619,716 (\$2,169,817) (\$2,094,341) 1,25% | (\$2,171,969) \$157,300 \$374,116 (\$26,426) \$35,844 \$43,624 \$178,811 \$4,022 \$760,743 \$365,227 (\$1,776,453) (\$1,974,211) 1.25% | (\$1,778,549) \$152,156 \$86,591 (\$25,562) \$35,844 \$44,153 \$216,366 \$1,852 \$508,844 \$231,454 (\$1,501,159) (\$1,639,854) 1,25% | (\$1,502,844) \$112,383 \$0 (\$18,880) \$35,844 \$39,399 \$280,874 \$962 \$450,582 \$225,976 (\$1,278,238) (\$1,390,541) 1,25% | (\$1,279,715) \$112,034 \$0 (\$18,822) \$35,844 \$39,225 \$307,879 \$960 \$477,120 \$192,785 (\$995,380) (\$1,137,547) 1.25% | (\$996,587) \$107,534 \$0 (\$18,066) \$35,844 \$39,068 \$309,213 \$932 \$474,526 \$210,178 (\$732,239) (\$864,413) | (\$733,127) \$111,080 \$0 (\$18,661) \$35,844 \$38,913 \$309,213 \$954 \$477,342 \$279,224 (\$535,009) (\$634,068) 1.25% (\$673) | \$3,627,881 \$30,606,219 (\$609,484) \$430,129 \$498,339 \$2,925,500 \$253,260 \$37,049,592 \$7,063,804 |
| Interest Applied Storage Variable Product Ending Bal. | (\$30,789) (\$29,547,847) | (\$29,115) (\$25,329,368) | (\$20,408) (\$13,137,611) | (\$8,603) (\$4,815,097) | (\$3,626) (\$2,018,864) | (\$2,152) (\$2,171,969) | (\$2,096) (\$1,778,549) | (\$1,685) (\$1,502,844) | (\$1,476) (\$1,279,715) | (\$1,208) (\$996,587) | (\$888) (\$733,127) | (\$535,682) | (\$102,718) |
| IVb. Stor Var Non-Prod Cost Deferred Beginning Balance Storage Variable Non-prod. Costs Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Working Capital Total Storage Var Non-product Costs Storage Var Non-Product Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Storage Var Non-Product Ending Bal. | (\$4,875,985) \$39,974 \$9,610 \$2,094 \$7,844 \$443 \$59,965 (\$133,262) (\$4,682,759) (\$4,779,372) 1.25% (\$4,910) (\$4,687,669) | (\$4,687,669) \$195,754 \$47,211 \$1,472 \$6,675 \$1,867 \$252,979 (\$196,856) (\$4,237,834) (\$4,462,751) 1.25% (\$4,738) (\$4,242,572) | (\$4,242,572) \$221,572 \$53,219 \$523 \$3,041 \$2,070 \$280,425 (\$387,713) (\$3,574,434) (\$3,908,503) 1.25% (\$4,149) (\$3,578,583) | (\$3,578,583) \$123,017 \$29,511 \$1,291 \$6,619 \$11,193 \$161,631 (\$338,825) (\$3,078,127) (\$3,328,355) 1,25% (\$3,192) (\$3,081,318) | (\$3,081,318) \$91,247 \$21,958 \$1,270 \$5,743 \$894 \$121,112 (\$285,971) (\$2,674,235) (\$2,877,777) 1,25% (\$3,055) (\$2,677,290) | (\$2,677,290) \$1,583 \$405 \$12,972 \$47,348 \$463 \$62,771 (\$171,314) (\$2,443,205) (\$2,560,248) 1,25% (\$2,630) (\$2,630) | (\$2,445,835) \$6,548 \$1,725 \$11,998 \$48,294 \$510 \$69,075 (\$101,639) (\$2,275,121) (\$2,360,478) 1,25% (\$2,506) (\$2,277,627) | (\$2,277,627) \$2,557 \$687 \$10,301 \$41,793 \$412 \$55,749 (\$64,846) (\$2,157,032) (\$2,217,330) 1.25% (\$2,278) (\$2,159,310) | (\$2,159,310) \$0 \$8,143 \$39,785 \$356 \$48,284 (\$60,811) (\$2,050,215) (\$2,104,763) 1.25% (\$2,235) (\$2,052,449) | (\$2,052,449) \$0 \$0 \$7,185 \$31,561 \$288 \$39,034 (\$52,521) (\$1,960,894) (\$2,006,672) 1.25% (\$2,130) (\$1,963,024) | (\$1,963,024) \$0 \$0 \$361 \$2,753 \$23 \$3,137 (\$56,772) (\$1,903,116) (\$1,933,070) 1.25% (\$1,986) (\$1,905,102) | (\$1,905,102) \$0 \$0 \$9,372 \$52,812 \$462 \$62,647 (\$75,829) (\$1,766,626) (\$1,835,864) 1.25% (\$1,949) (\$1,768,575) | \$682,252 \$164,326 \$66,982 \$294,268 <u>\$8,982</u> \$1,216,811 (\$1,926,359) (\$35,759) |
| GCR Deferred Summary Beginning Balance Gas Costs Working Capital Total Costs Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Gas Purchase Plan Incentives/(Penalties) NGPMP Credit Ending Bal. W/ Interest Under/(Over)-collection | \$9,863,623 \$22,274,646 \$162,432 \$22,437,078 \$18,381,356 \$13,919,345 \$11,891,484 1,25% \$12,197 \$1,313,445 \$15,244,987 | \$15,244,987 \$39,697,402 \$292,431 \$39,989,833 \$26,746,389 \$28,488,431 \$21,866,709 \$20,279 (\$1,313,445) \$1,467,990 \$25,727,275 | \$25,727,275 \$50,078,061 \$370,459 \$50,448,521 \$52,881,457 \$23,294,339 \$24,510,807 1.25% \$25,654 \$0 \$154,545 \$23,165,448 (\$2,432,936) | \$23,165,448 \$40,781,235 \$301,961 \$41,083,197 \$45,899,761 \$18,348,883 \$20,757,165 1.25% \$19,407 \$0 \$154,545 \$18,213,744 (\$4,816,565) | \$18,213,744 \$28,827,072 \$213,376 \$29,040,448 \$38,461,645 \$8,792,547 \$13,503,145 1.25% \$13,671 \$0 \$154,545 \$8,651,672 (\$9,421,197) | \$8,651,672 \$19,149,327 \$140,988 \$19,290,315 \$22,906,017 \$5,035,971 \$6,843,822 1.25% \$6,341 \$0 \$769,477 \$4,272,834 (\$3,615,702) | \$4,272,834 \$10,136,644 \$73,730 \$10,210,374 \$13,471,913 \$1,011,296 \$2,642,065 1.25% \$2,087 \$0 \$200,000 \$813,383 [(\$3,261,538) | \$813,383 \$7,766,374 \$55,820 \$7,822,194 \$8,516,545 \$119,031 \$466,207 1.25% (\$221) \$0 \$200,000 (\$81,189) | (\$81,189) \$8,879,456 \$63,653 \$8,943,109 \$8,284,411 \$577,509 \$248,160 1.25% (\$461) \$0 \$200,000 \$377,048 | \$377,048 \$8,963,540 \$64,079 \$9,027,619 \$7,064,790 \$2,339,877 \$1,358,462 1.25% \$718 \$0 \$200,000 \$2,140,595 \$1,962,829 | \$2,140,595 \$9,634,440 \$69,060 \$9,703,500 \$7,700,494 \$4,143,600 \$3,142,098 1,25% \$2,527 \$0 \$200,000 \$3,946,128 | \$3,946,128 \$15,070,749 \$109,490 \$15,180,239 \$10,245,443 \$8,880,924 \$6,413,526 1.25% \$6,085 \$0 \$200,000 \$8,687,008 | \$261,258,947 \$1,917,480 \$263,176,427 \$260,560,222 \$108,283 \$3,901,104 |
| Gridel/(Over)-collection | φ4,055,722 | φ13,243,444 | (₹,43∠,930) | (σσς,σιο,+φ) | (\$3,421,197) | (φο,υ15,702) | (⊅ა,∠೮1,၁ა೮) | (4094,351) | φυυ σ, συσ | φ1,902,829 | φ∠,∪∪3,∪∪0 | φ 4 ,934,796 | |

| Projected Gas Costs using 7-14-10 NYMEX | Nov-09 actual | Dec-09 actual | Jan-10 actual | Feb-10 actual | Mar-10 actual | Apr-10 actual | May-10 actual | Jun-10 actual | Jul-10 fcst | Aug-10 fcst | Sep-10 fcst | Oct-10 fcst | Nov-Oct |
|---|------------------------|--------------------------|--------------------------|------------------------|---------------------------|----------------------------|--------------------------|------------------------|----------------------------|------------------------|-------------------------------|--------------------------|------------------------------|
| SUPPLY FIXED COSTS - Pipeline & Supplier | actual | actual | actual | actual | actual | actual | actual | actual | icsi | icsi | icsi | icsi | |
| Algonquin | \$646,473 | \$618,604 | \$615,021 | \$435,710 | \$657,677 | \$634,403 | \$644,043 | \$645,943 | \$723,452 | \$723,452 | \$723,452 | \$723,452 | \$7,791,684 |
| TETCO/Texas Eastern Tennessee | \$500,954 \$694,705 | \$538,562 \$684.131 | \$594,551 \$679.313 | \$440,315 \$675,601 | \$500,043 \$677.495 | \$511,238 \$674,132 | \$512,362 \$669.161 | \$490,411 \$660,233 | \$747,967 \$774.541 | \$747,967 \$774.541 | \$747,967 \$774.541 | \$747,967 \$774.541 | \$7,080,302 \$8.512.933 |
| Columbia | \$308,698 | \$310,895 | \$249,120 | \$274,112 | \$285,016 | \$302,632 | \$287,945 | \$314,369 | \$285,205 | \$285,205 | \$285,205 | \$285,205 | \$3,473,605 |
| Westerly Lateral | \$60,149 | \$60,153 | \$58,883 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$58,879 | \$709,097 |
| Others | \$88,971 \$458,683 | \$95,457 | \$309,129 | \$122,956 \$0 | \$264,113 | \$467,853 | \$198,746 \$557,470 | \$158,668 \$548,285 | \$324,832 \$436,900 | \$324,832 \$436,900 | \$324,770 | \$324,832 | \$3,005,159 |
| Less Credits from Mkter Releases TOTAL SUPPLY FIXED COSTS - Pipeline & Supplier | \$1,841,268 | \$503,735 \$1,804,066 | \$489,599 \$2,016,419 | \$2,007,574 | \$0 \$2,443,223 | \$1,552,294 \$1,096,842 | \$557,172 \$1,813,964 | \$1,780,218 | \$2,477,975 | \$2,477,975 | \$436,900 \$2,477,914 | \$436,900 \$2,477,975 | \$5,857,366 \$24,715,415 |
| | * 1,0 11,000 | * 1,000 1,000 | 4=,0.00,000 | 4 =,, | , , <u></u> . | * 1,122,121 | * 1,0 10,001 | **,***,*** | 4 =,, | *=,, | *= ,, * | 4 =,, 4 | |
| | | | | | | | | | | | | | |
| STORAGE FIXED COSTS - Facilities | | | | | | | | | | | | | |
| Texas Eastern SS-1 Demand | \$88,743 | \$89,527 | \$86,713 | \$88,612 | \$88,599 | \$88,465 | \$88,192 | \$89,201 | \$97,190 | \$97,190 | \$97,190 | \$97,190 | \$1,096,811 |
| Dominion GSS Demand Tennessee FSMA Demand | \$83,348 \$39,428 | \$83,348 \$39,428 | \$83,348 \$40,627 | \$83,348 \$39,426 | \$83,348 \$39,424 | \$83,348 \$39,426 | \$83,348 \$39,428 | \$83,348 \$39,428 | \$83,456 \$39,428 | \$83,456 \$39,428 | \$83,456 \$39,428 | \$83,456 \$39,428 | \$1,000,612 \$474,330 |
| Columbia FSS Demand | \$39,428 | \$39,428 | \$40,027 | \$38,899 | \$9,727 | \$39,420 | \$0 | \$39,428 | \$9,725 | \$9,725 | \$9,725 | \$9,725 | \$87,527 |
| Keyspan LNG Tank Lease Payment | \$157,500 | \$157,500 | \$157,500 | \$201,180 | \$163,740 | \$163,740 | \$163,740 | \$163,740 | \$157,500 | \$157,500 | \$157,500 | \$157,500 | \$1,958,640 |
| TOTAL FIXED STORAGE COSTS | \$369,019 | \$369,804 | \$368,188 | \$451,466 | \$384,839 | \$374,983 | \$374,709 | \$375,717 | \$387,299 | \$387,299 | \$387,299 | \$387,299 | \$4,617,920 |
| STORAGE FIXED COSTS - Delivery STORAGE DELIVERY FIXED COST \$ | \$574,948 | \$582,553 | \$353,425 | \$634,973 | \$416,088 | \$174,625 | \$441,219 | \$477,771 | \$436,422 | \$436,422 | \$435,222 | \$436,422 | \$5,400,090 |
| | | | | | | | | | | | | | |
| TOTAL STORAGE FIXED | \$943,967 | \$952,357 | \$721,613 | \$1,086,439 | \$800,927 | \$549,607 | \$815,928 | \$853,488 | \$823,721 | \$823,721 | \$822,521 | \$823,721 | \$10,018,010 |
| TOTAL FIXED COSTS | \$2,785,234 | \$2,756,423 | \$2,738,032 | \$3,094,013 | \$3,244,150 | \$1,646,449 | \$2,629,892 | \$2,633,706 | \$3,301,696 | \$3,301,696 | \$3,300,435 | \$3,301,696 | \$34,733,422 |
| VARIABLE SUPPLY COSTS (Includes Injections) | | | | | | | | | | | | | |
| Total Pipeline Commodity Charges | \$8,974,179 | \$19,219,155 | \$28,569,254 | \$20,002,697 | \$12,003,958 | \$12,129,028 | \$4,247,259 | \$3,096,371 | \$5,792,742 | \$5,154,718 | \$3,948,561 | \$8,134,950 | \$131,272,873 |
| Hedging | \$9,053,170 | \$13,942,299 | \$6,955,611 | \$8,908,621 | \$8,983,081 | \$4,890,493 | \$2,236,083 | \$1,722,863 | \$1,312,849 | \$1,561,606 | \$1,958,206 | \$3,132,626 | \$64,657,508 |
| Costs of Injections Tennessee PCB Refunds | | (\$594,636) | | | | (\$194,663) | | | \$2,002,540 (\$200,000) | \$1,555,730 | \$71,445 | \$0 (\$200,000) | \$3,629,714 (\$1,189,299) |
| TOTAL VARIABLE SUPPLY COSTS | \$18,027,350 | \$33,161,453 | \$35,524,865 | \$28,911,319 | \$20,987,039 | \$17,019,521 | \$6,483,343 | \$4,819,235 | \$5,103,051 | \$5,160,594 | \$5,835,322 | \$11,267,576 | \$192,300,667 |
| VARIABLE STORAGE COSTS | | | | | | | | | | | | | |
| Underground Storage | \$933,168 | \$4,102,105 | \$12,782,776 | \$8,449,142 | \$3,807,808 | 70,513 | 374,116 | 86,591 | \$0 | \$0 | \$0 | \$0 | \$30,606,219 |
| LNG Withdrawals/Westerly Trucking | \$31,545 | \$743,101 | \$820,931 | \$1,161,436 | (\$86,720) | \$205,101 | \$157,300 | \$152,156 | \$112,383 | \$112,034 | \$107,534 | \$111,080 | \$3,627,881 |
| TOTAL VARIABLE STORAGE COSTS | \$964,712 | \$4,845,206 | \$13,603,707 | \$9,610,578 | \$3,721,088 | \$275,615 | \$531,416 | \$238,748 | \$112,383 | \$112,034 | \$107,534 | \$111,080 | \$34,234,100 |
| TOTAL VARIABLE COSTS | \$18,992,062 | \$38,006,659 | \$49,128,572 | \$38,521,897 | \$24,708,127 | \$17,295,136 | \$7,014,758 | \$5,057,982 | \$5,215,434 | \$5,272,628 | \$5,942,857 | \$11,378,655 | \$226,534,767 |
| TOTAL SUPPLY COSTS AFTER CREDITS | \$21,777,296 | \$40,763,082 | \$51,866,604 | \$41,615,910 | \$27,952,277 | \$18,941,585 | \$9,644,650 | \$7,691,688 | \$8,517,130 | \$8,574,324 | \$9,243,291 | \$14,680,351 | \$261,268,189 |
| Storage Costs for FT-2 Calculation | | | | | | | | | | | | | |
| Storage Fixed Costs - Facilities | \$369,019 | \$369,804 | \$368,188 | \$451,466 | \$384,839 | \$374,983 | \$374,709 | \$375,717 | \$387,299 | \$387,299 | \$387,299 | \$387,299 | \$4,617,920 |
| Storage Fixed Costs - Deliveries | \$574,948 | \$582,553 | \$353,425 | \$634,973 | \$416,088 | \$174,625 | \$441,219 | \$477,771 | \$436,422 | \$436,422 | \$435,222 | \$436,422 | \$5,400,090 |
| Variable Delivery Costs Variable Injection Costs | \$0 \$5,163 | \$29,074 \$488 | \$89,361 \$0 | \$69,473 \$0 | \$23,075 \$1,472 | \$0 \$16,828 | \$0 \$17,350 | \$0 \$13,932 | \$0 \$8,143 | \$0 \$7,185 | \$0 \$361 | \$0 \$9,372 | \$210,983 \$80,294 |
| Fuel Costs Allocated to Storage | \$33.017 | \$125.895 | \$380.174 | \$291.966 | \$130.763 | \$88.698 | \$92.134 | \$74.192 | \$39.785 | \$31.561 | \$2.753 | \$52.812 | \$1,343,751 |
| Total Storage Costs | \$982,146 | \$1,107,814 | \$1,191,149 | \$1,447,878 | \$956,237 | \$655,133 | \$925,413 | \$941,612 | \$871,649 | \$862,467 | \$825,635 | \$885,905 | \$11,653,039 |
| Pipeline Variable | \$18,027,350 | \$33,161,453 | \$35,524,865 | \$28,911,319 | \$20,987,039 | \$17,019,521 | \$6,483,343 | \$4,819,235 | \$5,103,051 | \$5,160,594 | \$5.835.322 | \$11,267,576 | |
| Less Non-firm Gas Costs | \$181,276 | \$338,069 | \$95,540 | \$115,082 | \$225,141 | \$257,847 | \$12,824 | \$76,395 | *-,, | *-,, | | , , , , , | |
| Less Company Use | \$122,766 | \$122,766 | \$556,038 | \$51,731 | \$151,278 | \$68,408 | \$77,871 | \$171,674 | | | | | |
| Less Manchester St Balancing Plus Cashout | \$9,339 | \$9,339 | \$14,405 | \$14,123 | (\$193,039) | \$0 | \$10,016 | \$0 | | | | | |
| Less Mkter Over-takes | \$136,755 | \$68,890 | \$229,565 | \$158,493 | \$53,746 | \$10,945 | \$13,761 | \$6,988 | | | | | |
| Less Mkter W/drawals | \$158,988 | \$1,071,261 | \$1,082,834 | \$414,038 | (\$712,204) | (\$155,628) | (\$58,954) | \$21,544 | | | | | |
| Plus Mkter Undertakes Plus Mkter Injections | \$468,531 \$0 | \$112,153 \$0 | \$122,972 \$0 | \$48,442 \$0 | \$169,310 \$0 | \$112,075 \$0 | \$277,357 \$0 | \$38,381 \$0 | | | | | |
| Storage Service Charge | φυ | φυ | φυ | φυ | φυ | Ψ | Ψ | φυ | | | | | |
| Plus Pipeline Srchg/Credit | \$178,630 | \$75,987 | \$84,357 | \$85,781 | \$79,654 | \$89,906 | \$85,975 | \$87,638 | | | | | |
| TOTAL FIRM COMMODITY COSTS | \$18,065,386 | \$31,739,269 | \$33,753,812 | \$28,292,074 | \$21,711,082 | \$17,039,931 | \$6,791,156 | \$4,668,653 | \$5,103,051 | \$5,160,594 | \$5,835,322 | \$11,267,576 | |

| | Nov-09 actual | Dec-09 actual | Jan-10 actual | Feb-10 actual | Mar-10 actual | Apr-10 actual | May-10 actual | Jun-10 actual | Jul-10 fcst | Aug-10 fcst | Sep-10 fcst | Oct-10 fcst | Total Nov-Oct |
|---|---|---|---|---------------------------------------|---------------------------------------|---|---------------------------------------|---------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| I. Supply Fixed Cost Collections | | | | | | | | | | | | | |
| (a) Low Load dth Supply Fixed Cost Factor Low Load collections | 1,599,798 \$1.0416 \$1,666,284 | 2,394,199 \$1.0352 \$2,478,486 | 4,798,717 \$1.0347 \$4,965,365 | 4,196,088 \$1.0347 \$4,341,584 | 3,502,394 \$1.0353 \$3,626,189 | 2,066,076 \$1.0299 \$2,127,856 | 1,195,701 \$1.0321 \$1,234,044 | 716,684 \$1.0357 \$742,293 | 703,852 \$1.0345 \$728,135 | 587,734 \$1.0345 \$608,011 | 641,995 \$1.0345 \$664,144 | 882,580 \$1.0345 \$913,029 | 23,285,818 \$24,095,419 |
| (b) High Load dth Supply Fixed Cost Factor High Load collections | 110,848 \$0.7286 \$80,767 | 129,380 \$0.7137 \$92,339 | 197,908 \$0.7137 \$141,244 | 148,327 \$0.7133 \$105,796 | 136,864 \$0.7137 \$97,680 | 105,406 \$0.7137 \$75,225 | 81,283 \$0.7152 \$58,135 | 89,247 \$0.7201 \$64,265 | 84,620 \$0.7137 \$60,393 | 84,930 \$0.7137 \$60,614 | 91,354 \$0.7137 \$65,199 | 91,685 \$0.7137 \$65,435 | 1,351,851 \$967,093 |
| sub-total Dth TOTAL Supply Fixed Collections | 1,710,647 \$1,747,051 | 2,523,579 \$2,570,825 | 4,996,625 \$5,106,609 | 4,344,415 \$4,447,380 | 3,639,258 \$3,723,869 | 2,171,482 \$2,203,081 | 1,276,984 \$1,292,179 | 805,931 \$806,558 | 788,472 \$788,528 | 672,664 \$668,625 | 733,349 \$729,343 | 974,264 \$978,464 | 24,637,669 \$25,062,512 |
| II. Storage Fixed Cost Collections | | | | | | | | | | | | | |
| (a) Low Load dth Storage Fixed Cost Factor Low Load collections | 1,599,798 \$0.4215 \$674,245 | 2,394,199 \$0.4189 \$1,002,893 | 4,798,717 \$0.4187 \$2,009,186 | 4,196,088 \$0.4187 \$1,756,779 | 3,502,394 \$0.4189 \$1,467,300 | 2,066,076 \$0.4167 \$861,015 | 1,195,701 \$0.4176 \$499,342 | 716,684 \$0.4191 \$300,361 | 703,852 \$0.4186 \$294,632 | 587,734 \$0.4186 \$246,026 | 641,995 \$0.4186 \$268,739 | 882,580 \$0.4186 \$369,448 | 23,285,818 \$9,749,966 |
| (b) High Load dth Storage Fixed Cost Factor High Load collections | 110,848 \$0.2946 \$32,660 | 129,380 \$0.2886 \$37,339 | 197,908 \$0.2886 \$57,114 | 148,327 \$0.2884 \$42,782 | 136,864 \$0.2886 \$39,498 | 105,406 \$0.2886 \$30,419 | 81,283 \$0.2892 \$23,509 | 89,247 \$0.2912 \$25,986 | 84,620 \$0.2886 \$24,421 | 84,930 \$0.2886 \$24,511 | 91,354 \$0.2886 \$26,365 | 91,685 \$0.2886 \$26,460 | 1,351,851 \$391,064 |
| (c) FT-2 dth Storage Fixed Cost Factor FT-2 collection | 111,676 \$0.4015 \$44,838 | 186,325 \$0.4015 \$74,810 | 342,697 \$0.4015 \$137,593 | 321,980 \$0.4015 \$129,275 | 296,865 \$0.4015 \$119,191 | 197,390 \$0.4015 \$79,252 | 125,640 \$0.4015 \$50,444 | 85,600 \$0.4015 \$34,368 | 49,149 \$0.4015 \$19,733 | 50,766 \$0.4015 \$20,383 | 48,629 \$0.4015 \$19,524 | 70,215 \$0.4015 \$28,191 | 1,886,933 \$757,603 |
| sub-total Dth TOTAL Storage Fixed Collections | 1,822,323 \$751,743 | 2,709,904 \$1,115,042 | 5,339,321 \$2,203,893 | 4,666,395 \$1,928,836 | 3,936,123 \$1,625,989 | 2,368,872 \$970,686 | 1,402,624 \$573,295 | 891,531 \$360,715 | 837,621 \$338,787 | 723,430 \$290,919 | 781,977 \$314,628 | 1,044,480 \$424,099 | \$26,524,601 \$10,898,632 |
| III. Variable Supply Cost Collections | | | | | | | | | | | | | |
| (a) Firm Sales dth Variable Supply Cost Factor Variable Supply collections | 1,710,647 \$8.9363 \$15,286,855 | 2,523,579 \$8.8734 \$22,392,807 | 4,996,625 \$8.8696 \$44,317,917 | 4,344,415 \$8.8690 \$38,530,442 | 3,639,258 \$8.8747 \$32,297,215 | 2,171,482 \$8.8302 \$19,174,597 | 1,276,984 \$8.8494 \$11,300,486 | 805,931 \$8.8859 \$7,161,410 | 788,472 \$8.8677 \$6,991,932 | 672,664 \$8.8677 \$5,964,982 | 733,349 \$8.8677 \$6,503,117 | 974,264 \$8.8677 \$8,639,485 | 24,637,669 \$218,561,244 |
| (b) TSS Sales dth TSS Variable Supply Cost F. TSS Surcharge collections | 16,977 \$0.0000 \$0 | 5,119 \$0.0000 \$0 | 12,462 \$0.0000 \$0 | 9,844 \$0.0000 \$0 | 9,896 \$0.0000 \$0 | 9,028 \$0.0000 \$0 | 2,026 \$0.0000 \$0 | 27 \$0.0000 \$0 | | | | | |
| (c) NGV Sales dth Variable Supply Cost Factor Variable Supply collections | 1,515 \$8.8677 \$13,431 | 1,374 \$8.8677 \$12,188 | 832 \$8.8677 \$7,376 | 504 \$8.8677 \$4,471 | 186 \$8.8677 \$1,652 | 304 \$8.8677 \$2,698 | 622 \$8.8677 \$5,519 | 177 \$8.8677 \$1,568 | 0 \$8.8677 \$0 | 0 \$8.8677 \$0 | 0 \$8.8677 \$0 | 0 \$8.8677 \$0 | 5,515 48,902 |
| (d) Default Sales dth Variable Supply Cost Factor Variable Supply collections | 20,878 \$10.5348 \$219,947 | 12,047 \$10.5348 \$126,911 | 18,196 \$10.5348 \$191,688 | 6,670 \$10.5348 \$70,267 | 3,609 \$10.5348 \$38,024 | 10,153 \$10.5348 \$106,962 | 4,098 \$10.5348 \$43,173 | 2,672 \$10.5348 \$28,151 | | | | | |
| TOTAL Variable Supply Collections | \$15,520,233 | \$22,531,906 | \$44,516,981 | \$38,605,179 | \$32,336,891 | \$19,284,258 | \$11,349,178 | \$7,191,128 | \$6,991,932 | \$5,964,982 | \$6,503,117 | \$8,639,485 | \$219,435,269 |

| | Nov-09 actual | Dec-09 actual | Jan-10 actual | Feb-10 actual | Mar-10 actual | Apr-10 actual | May-10 actual | Jun-10 actual | Jul-10 fcst | Aug-10 fcst | Sep-10 fcst | Oct-10 fcst | Total Nov-Oct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------------|
| IVa. Storage Variable Product Cost Collections | | | | | | | | | | | | | |
| (a) Firm Sales dth Variable Supply Cost Factor TOTAL Stor Var Product collections | 1,710,647 \$0.2888 \$494,064 | 2,523,579 \$0.2868 \$723,726 | 4,996,625 \$0.2867 \$1,432,335 | 4,344,415 \$0.2866 \$1,245,287 | 3,639,258 \$0.2868 \$1,043,832 | 2,171,482 \$0.2854 \$619,716 | 1,276,984 \$0.2860 \$365,227 | 805,931 \$0.2872 \$231,454 | 788,472 \$0.2866 \$225,976 | 672,664 \$0.2866 \$192,785 | 733,349 \$0.2866 \$210,178 | 974,264 \$0.2866 \$279,224 | 24,637,669 \$7,063,804 |
| IVb. Storage Variable Non-product Cost Collections | | | | | | | | | | | | | |
| (a) Firm Sales dth Variable Supply Cost Factor Stor Var Non-Product collec | 1,710,647 (\$0.0732) (\$125,154) | 2,523,579 (\$0.0726) (\$183,329) | 4,996,625 (\$0.0726) (\$362,833) | 4,344,415 (\$0.0726) (\$315,449) | 3,639,258 (\$0.0727) (\$264,419) | 2,171,482 (\$0.0723) (\$156,983) | 1,276,984 (\$0.0725) (\$92,518) | 805,931 (\$0.0727) (\$58,631) | 788,472 (\$0.0726) (\$57,243) | 672,664 (\$0.0726) (\$48,835) | 733,349 (\$0.0726) (\$53,241) | 974,264 (\$0.0726) (\$70,732) | 24,637,669 (\$1,789,367) |
| (b) FT-2 dth Variable Supply Cost Factor Stor Var Non-Product collec | 111,676 (\$0.0726) (\$8,108) | 186,325 (\$0.0726) (\$13,527) | 342,697 (\$0.0726) (\$24,880) | 321,980 (\$0.0726) (\$23,376) | 296,865 (\$0.0726) (\$21,552) | 197,390 (\$0.0726) (\$14,331) | 125,640 (\$0.0726) (\$9,121) | 85,600 (\$0.0726) (\$6,215) | 49,149 (\$0.0726) (\$3,568) | 50,766 (\$0.0726) (\$3,686) | 48,629 (\$0.0726) (\$3,530) | 70,215 (\$0.0726) (\$5,098) | (\$136,992) |
| Total Firm Sales/FT-2 dth TOTAL Stor Var Non-Product collec | 1,822,323 (\$133,262) | 2,709,904 (\$196,856) | 5,339,321 (\$387,713) | 4,666,395 (\$338,825) | 3,936,123 (\$285,971) | 2,368,872 (\$171,314) | 1,402,624 (\$101,639) | 891,531 (\$64,846) | 837,621 (\$60,811) | 723,430 (\$52,521) | 781,977 (\$56,772) | 1,044,480 (\$75,829) | (\$1,926,359) |
| Total Gas Cost Collections | \$18,379,829 | \$26,744,643 | \$52,872,105 | \$45,887,857 | \$38,444,610 | \$22,906,427 | \$13,478,240 | \$8,525,009 | \$8,284,411 | \$7,064,790 | \$7,700,494 | \$10,245,443 | \$260,533,859 |

| Line <u>No.</u> | | Reference (b) | Nov-09 (c) | <u>Dec-09</u> (d) | <u>Jan-10</u> (e) | <u>Feb-10</u> (f) | <u>Mar-10</u> (g) | <u>Apr-10</u> (h) | <u>May-10</u> (i) | <u>Jun-10</u> (j) | <u>Jul-10</u> (k) | <u>Aug-10</u> (I) | <u>Sep-10</u> (m) | Oct-10 (n) | <u>Total</u> (p) |
|--------------------|---|---|---|---|--|--|--|--|--|--|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------|
| 1 2 | Storage Inventory Balance Hedging Hedge Collateral Carrying Average Balance NE Money Pool Rate | | \$26,229,386 \$13,127,938 \$70,499,148 0.21% | \$22,683,959 \$11,197,325 \$45,422,510 0.20% | \$17,794,092 \$5,369,649 \$35,210,069 0.20% | \$14,536,590 \$771,545 \$40,364,683 0.20% | \$10,860,219 (\$761,361) \$53,935,675 0.21% | \$15,163,967 \$836,372 \$53,003,803 0.22% | \$17,119,647 \$2,168,208 \$47,840,092 0.30% | \$19,826,506 \$3,512,326 \$40,860,280 0.35% | \$26,125,921 \$4,171,198 | \$28,363,787 \$4,846,231 | \$28,471,641 \$4,882,315 | \$28,471,641 \$4,882,315 | |
| 3 4 5 | Hedge Collateral Carrying Costs Subtotal Cost of Capital Return on Working Capital Requirement | (1) + (2) Rate Case (3) * (4) | \$12,337 \$39,357,324 8.43% \$3,316,776 | \$6,924 \$33,881,284 8.43% \$2,855,292 | \$5,168 \$23,163,742 8.43% \$1,952,088 | \$5,155 \$15,308,136 8.43% \$1,290,069 | \$8,499 \$10,098,858 8.43% \$851,065 | \$8,387 \$16,000,339 8.43% \$1,348,403 | \$10,619 \$19,287,855 8.43% \$1,625,453 | \$10,681 \$23,338,832 8.43% \$1,966,843 | \$30,297,118 8.43% \$2,553,242 | \$33,210,018 8.43% \$2,798,722 | \$33,353,957 8.43% \$2,810,852 | \$33,353,957 8.43% \$2,810,852 | \$26,179,657 |
| 6 7 | Weighted Cost of Debt Interest Charges Financed | Rate Case (1) * (6) | 3.42% \$896,466 | 3.42% \$775,291 | 3.42% \$608,165 | 3.42% \$496,830 | 3.42% \$371,180 | 3.42% \$546,858 | 3.42% \$659,219 | 3.42% \$797,673 | 3.42% \$1,035,492 | 3.42% \$1,135,049 | 3.42% \$1,139,969 | 3.42% \$1,139,969 | \$9,602,161 |
| 8 9 10 | Taxable Income 1 - Combined Tax Rate Return and Tax Requirement | (5) - (7) Rate Case (8) / (9) | \$2,420,310 0.6500 \$3,723,555 | \$2,080,001 0.6500 \$3,200,002 | \$1,343,923 0.6500 \$2,067,573 | \$793,239 0.6500 \$1,220,367 | \$479,886 0.6500 \$738,286 | \$801,545 0.6500 \$1,233,146 | \$966,235 0.6500 \$1,486,515 | \$1,169,170 0.6500 \$1,798,724 | \$1,517,749 0.6500 \$2,334,999 | \$1,663,672 0.6500 \$2,559,496 | \$1,670,883 0.6500 \$2,570,589 | \$1,670,883 0.6500 \$2,570,589 | \$25,503,841 |
| 11 | Working Capital Requirement | (7) + (10) | \$4,620,020 | \$3,975,292 | \$2,675,738 | \$1,717,197 | \$1,109,465 | \$1,780,004 | \$2,145,734 | \$2,596,397 | \$3,370,491 | \$3,694,545 | \$3,710,558 | \$3,710,558 | \$35,106,001 |
| 12 | Monthly Average | (11) / 12 | \$385,002 | \$331,274 | \$222,978 | \$143,100 | \$92,455 | \$148,334 | \$178,811 | \$216,366 | \$280,874 | \$307,879 | \$309,213 | \$309,213 | \$2,925,500 |
| 14 | LNG Inventory Balance Cost of Capital Return on Working Capital Requirement | Rate Case (13) * (14) | \$6,232,424 8.43% \$525,228 | \$5,732,970 8.43% \$483,137 | \$5,322,061 8.43% \$448,508 | \$4,503,043 8.43% \$379,487 | \$5,566,058 8.43% \$469,071 | \$5,568,519 8.43% \$469,278 | \$5,655,766 8.43% \$476,631 | \$5,724,336 8.43% \$482,409 | \$5,107,941 8.43% \$430,464 | \$5,085,507 8.43% \$428,573 | \$5,065,100 8.43% \$426,853 | \$5,044,989 8.43% \$425,158 | \$5,444,797 |
| | Weighted Cost of Debt Interest Charges Financed | Rate Case (13) * (16) | 3.42% \$213,011 | 3.42% \$195,941 | 3.42% \$181,897 | 3.42% \$153,905 | 3.42% \$190,236 | 3.42% \$190,320 | 3.42% \$193,302 | 3.42% \$195,646 | 3.42% \$174,579 | 3.42% \$173,812 | 3.42% \$173,115 | 3.42% \$172,427 | \$2,208,191 |
| 18 19 20 | | (15) - (17) Rate Case (18) / (19) | \$312,216 0.6500 \$480,333 | \$287,196 0.6500 \$441,840 | \$266,611 0.6500 \$410,171 | \$225,582 0.6500 \$347,050 | \$278,834 0.6500 \$428,976 | \$278,958 0.6500 \$429,166 | \$283,328 0.6500 \$435,890 | \$286,763 0.6500 \$441,175 | \$255,885 0.6500 \$393,669 | \$254,761 0.6500 \$391,940 | \$253,739 0.6500 \$390,367 | \$252,731 0.6500 \$388,817 | \$4,979,394 |
| 21 | Working Capital Requirement | (17) + (20) | \$693,344 | \$637,781 | \$592,068 | \$500,954 | \$619,212 | \$619,486 | \$629,192 | \$636,820 | \$568,248 | \$565,752 | \$563,482 | \$561,245 | \$7,187,585 |
| 22 | Monthly Average | (21) / 12 | \$57,779 | \$53,148 | \$49,339 | \$41,746 | \$51,601 | \$51,624 | \$52,433 | \$53,068 | \$47,354 | \$47,146 | \$46,957 | \$46,770 | \$598,965 |
| 23 | System Balancing Factor | Rate Case | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | 16.80% | |
| 24 | Balancing Related Inventory Costs | (22) * (23) | \$9,707 | \$8,929 | \$8,289 | \$7,013 | \$8,669 | \$8,673 | \$8,809 | \$8,915 | \$7,955 | \$7,921 | \$7,889 | \$7,857 | \$100,626 |
| 25 | Supply Related Inventory Costs | (22) - (24) | \$48,072 | \$44,219 | \$41,050 | \$34,733 | \$42,932 | \$42,951 | \$43,624 | \$44,153 | \$39,399 | \$39,225 | \$39,068 | \$38,913 | \$498,339 |

National Grid Rhode Island Service Area Gas Cost Working Capital Calculation

| Line <u>No.</u> | <u>Description</u> (a) | Reference (b) | <u>Nov-09</u> | <u>Dec-09</u> | <u>Jan-10</u> | Feb-10 | <u>Mar-10</u> | <u>Apr-10</u> | <u>May-10</u> | <u>Jun-10</u> | <u>Jul-10</u> | <u>Aug-10</u> | <u>Sep-10</u> | Oct-10 | Total |
|--------------------|--|---|---|---|--|--|--|---|---|---|---|---|---|--|---|
| | Supply Fixed Costs Capacity Release Revenue | ,, | \$1,841,268 <u>\$0</u> | \$1,804,066 <u>\$0</u> | \$2,016,419 <u>\$0</u> | \$2,007,574 <u>\$0</u> | \$2,443,223 <u>\$0</u> | \$1,096,842 <u>\$0</u> | \$1,813,964 <u>\$0</u> | \$1,780,218 <u>\$0</u> | \$2,477,975 <u>\$0</u> | \$2,477,975 <u>\$0</u> | \$2,477,914 <u>\$0</u> | \$2,477,975 <u>\$0</u> | \$24,715,412 <u>\$0</u> |
| 3 | Allowable Working Capital Costs | (1) - (2) | \$1,841,268 | \$1,804,066 | \$2,016,419 | \$2,007,574 | \$2,443,223 | \$1,096,842 | \$1,813,964 | \$1,780,218 | \$2,477,975 | \$2,477,975 | \$2,477,914 | \$2,477,975 | \$24,715,412 |
| 4 | Number of Days Lag | Rate Case | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | |
| 6 | Working Capital Requirement Cost of Capital Return on Working Capital Requirement | [(3) * (4)] / 365 Rate Case (5) * (6) | \$123,087 <u>8.43%</u> \$10,373 | \$120,601 <u>8.43%</u> \$10,163 | \$134,796 <u>8.43%</u> \$11,360 | \$134,205 <u>8.43%</u> \$11,310 | \$163,328 <u>8.43%</u> \$13,764 | \$73,323 <u>8.43%</u> \$6,179 | \$121,262 <u>8.43%</u> \$10,219 | \$119,006 <u>8.43%</u> \$10,029 | \$165,651 <u>8.43%</u> \$13,960 | \$165,651 <u>8.43%</u> \$13,960 | \$165,647 <u>8.43%</u> \$13,960 | \$165,651 <u>8.43%</u> \$13,960 | |
| | Weighted Cost of Debt Interest Expense | Rate Case (5) * (8) | 3.42% \$4,207 | 3.42% \$4,122 | 3.42% \$4,607 | 3.42% \$4,587 | 3.42% \$5,582 | 3.42% \$2,506 | 3.42% \$4,144 | 3.42% \$4,067 | 3.42% \$5,662 | 3.42% \$5,662 | 3.42% \$5,661 | 3.42% \$5,662 | |
| 11 | Taxable Income 1 - Combined Tax Rate Return and Tax Requirement | (7) - (9) Rate Case (10) / (11) | \$6,166 <u>0.6500</u> \$9,486 | \$6,042 <u>0.6500</u> \$9,295 | \$6,753 <u>0.6500</u> \$10,389 | \$6,723 <u>0.6500</u> \$10,343 | \$8,182 <u>0.6500</u> \$12,588 | \$3,673 <u>0.6500</u> \$5,651 | \$6,075 <u>0.6500</u> \$9,346 | \$5,962 <u>0.6500</u> \$9,172 | \$8,298 <u>0.6500</u> \$12,767 | \$8,298 <u>0.6500</u> \$12,767 | \$8,298 <u>0.6500</u> \$12,766 | \$8,298 <u>0.6500</u> \$12,767 | |
| 13 | Supply Fixed Working Capital Requirement | (9) + (12) | \$ <u>13,693</u> | \$ <u>13,417</u> | \$ <u>14,996</u> | \$ <u>14,930</u> | \$ <u>18,170</u> | \$ <u>8,157</u> | \$ <u>13,490</u> | \$ <u>13,239</u> | \$ <u>18,428</u> | \$ <u>18,428</u> | \$ <u>18,428</u> | \$ <u>18,428</u> | \$ <u>183,805</u> |
| 15 16 17 | Storage Fixed Costs Less: LNG Demand to DAC Less: Credits Plus: Supply Related LNG O&M Costs Allowable Working Capital Costs | (14) - (15) + (16) | \$943,967 \$77,196 \$0 \$51,549 \$918,320 | \$952,357 \$77,196 \$0 \$51,549 \$926,710 | \$721,613 \$39,815 \$0 <u>\$51,549</u> \$733,348 | \$1,086,439 \$84,534 \$0 <u>\$51,549</u> \$1,053,454 | \$800,927 \$51,506 \$0 <u>\$51,549</u> \$800,970 | \$549,607 \$13,671 \$0 \$51,549 \$587,486 | \$815,928 \$58,303 \$0 \$51,549 \$809,174 | \$853,488 \$64,296 \$0 \$51,549 \$840,741 | \$823,721 \$26,460 \$0 \$51,549 \$848,810 | \$823,721 \$26,460 \$0 \$51,549 \$848,810 | \$822,521 \$26,460 \$0 \$51,549 \$847,610 | \$823,721 \$26,460 \$0 <u>\$51,549</u> \$848,810 | \$10,018,010 \$572,357 \$0 \$618,591 \$10,064,244 |
| 19 | Number of Days Lag | Rate Case | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | |
| 21 | Working Capital Requirement Cost of Capital Return on Working Capital Requirement | [(17) * (18)] / 365 Rate Case (19) * (20) | \$61,389 <u>8.43%</u> \$5,173 | \$61,950 <u>8.43%</u> \$5,221 | \$49,024 <u>8.43%</u> \$4,131 | \$70,423 <u>8.43%</u> \$5,935 | \$53,544 <u>8.43%</u> \$4,512 | \$39,273 <u>8.43%</u> \$3,310 | \$54,093 <u>8.43%</u> \$4,559 | \$56,203 <u>8.43%</u> \$4,736 | \$56,742 <u>8.43%</u> \$4,782 | \$56,742 <u>8.43%</u> \$4,782 | \$56,662 <u>8.43%</u> \$4,775 | \$56,742 <u>8.43%</u> \$4,782 | |
| | Weighted Cost of Debt Interest Expense | Rate Case (19) * (22) | 3.42% \$2,098 | 3.42% \$2,117 | 3.42% \$1,676 | 3.42% \$2,407 | 3.42% \$1,830 | 3.42% \$1,342 | 3.42% \$1,849 | 3.42% \$1,921 | 3.42% \$1,939 | 3.42% \$1,939 | 3.42% \$1,937 | 3.42% \$1,939 | |
| 26 | Taxable Income 1 - Combined Tax Rate Return and Tax Requirement | (19) - (23) Rate Case (24) / (25) | \$3,075 <u>0.6500</u> \$4,731 | \$3,103 <u>0.6500</u> \$4,774 | \$2,456 0.6500 \$3,778 | \$3,528 <u>0.6500</u> \$5,427 | \$2,682 <u>0.6500</u> \$4,127 | \$1,967 <u>0.6500</u> \$3,027 | \$2,710 0.6500 \$4,169 | \$2,816 0.6500 \$4,332 | \$2,843 0.6500 \$4,373 | \$2,843 <u>0.6500</u> \$4,373 | \$2,839 <u>0.6500</u> \$4,367 | \$2,843 <u>0.6500</u> \$4,373 | |
| | Storage Fixed Working Capital Requirement | (23) + (26) | \$ <u>6,829</u> | \$ <u>6,892</u> | \$ <u>5,454</u> | \$ <u>7,834</u> | \$ <u>5,957</u> | \$ <u>4,369</u> | \$ <u>6,018</u> | \$ <u>6,252</u> | \$ <u>6,312</u> | \$ <u>6,312</u> | \$ <u>6,304</u> | \$ <u>6,312</u> | \$ <u>74,846</u> |
| | Supply Variable Costs Less: Non-firm Sales | | \$18,065,386 | \$31,739,269 | \$33,753,812 | \$28,292,074 | \$21,711,082 | \$17,039,931 | \$6,791,156 | \$4,668,653 | \$5,103,051 | \$5,160,594 | \$5,835,322 | \$11,267,576 | \$189,427,907 \$0 |
| 2c 2d | Less: Variable Delivery Storage Costs Less: Variable Injection Storage Costs Less: Fuel Costs Allocated to Storage Less: Supply Refunds | | \$0 \$5,163 \$33,017 | \$29,074 \$488 \$125,895 | \$89,361 \$0 \$380,174 | \$69,473 \$0 \$291,966 | \$23,075 \$1,472 \$130,763 | \$0 \$16,828 \$88,698 | \$0 \$17,350 \$92,134 | \$0 \$13,932 \$74,192 | \$0 \$8,143 \$39,785 | \$0 \$7,185 \$31,561 | \$0 \$361 \$2,753 | \$0 \$9,372 \$52,812 | \$210,983 \$80,294 \$1,343,751 |
| 2 | Total Credits Allowable Working Capital Costs | (1) - (2) | \$38,180 \$18,027,206 | <u>\$155,458</u> \$31,583,811 | \$469,535 \$33,284,277 | \$361,439 \$27,930,635 | <u>\$155,310</u> \$21,555,772 | <u>\$105,526</u> \$16,934,405 | \$109,484 \$6,681,672 | <u>\$88,124</u> \$4,580,529 | \$47,928 \$5,055,123 | <u>\$38,746</u> \$5,121,848 | <u>\$3,114</u> \$5,832,208 | \$62,185 \$11,205,391 | \$1,635,029 \$187,792,878 |
| 4 | Number of Days Lag | Rate Case | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | 24.40 | |
| 6 | Working Capital Requirement Cost of Capital Return on Working Capital Requirement | [(3) * (4)] / 365 Rate Case (5) * (6) | \$1,205,106 <u>\$0</u> \$101,558 | \$2,111,356 <u>8.43%</u> \$177,931 | \$2,225,031 <u>8.43%</u> \$187,511 | \$1,867,144 <u>8.43%</u> \$157,351 | \$1,440,989 <u>8.43%</u> \$121,437 | \$1,132,053 <u>8.43%</u> \$95,402 | \$446,665 <u>8.43%</u> \$37,642 | \$306,205 <u>8.43%</u> \$25,805 | \$337,932 <u>8.43%</u> \$28,479 | \$342,392 <u>8.43%</u> \$28,855 | \$389,879 <u>8.43%</u> \$32,856 | \$749,073 <u>8.43%</u> \$63,127 | |
| 8 | Weighted Cost of Debt Interest Expense | Rate Case (5) * (8) | 3.42% \$41,188 | 3.42% \$72,162 | 3.42% \$76,047 | 3.42% \$63,815 | 3.42% \$49,250 | 3.42% \$38,691 | 3.42% \$15,266 | 3.42% \$10,465 | 3.42% \$11,550 | 3.42% \$11,702 | 3.42% \$13,325 | 3.42% \$25,602 | |
| 11 | Taxable Income 1 - Combined Tax Rate Return and Tax Requirement | (7) - (9) Rate Case (10) / (11) | \$60,370 <u>0.6500</u> \$92,878 | \$105,769 <u>0.6500</u> \$162,722 | \$111,464 <u>0.6500</u> \$171,483 | \$93,536 <u>0.6500</u> \$143,901 | \$72,187 <u>0.6500</u> \$111,057 | \$56,711 0.6500 \$87,247 | \$22,376 0.6500 \$34,424 | \$15,340 0.6500 \$23,599 | \$16,929 0.6500 \$26,044 | \$17,152 0.6500 \$26,388 | \$19,531 0.6500 \$30,048 | \$37,525 <u>0.6500</u> \$57,731 | |
| 13 | Supply Variable Working Capital Requirement | (9) + (12) | \$ <u>134,066</u> | \$ <u>234,884</u> | \$ <u>247,530</u> | \$ <u>207,716</u> | \$ <u>160,307</u> | \$ <u>125,939</u> | \$ <u>49,691</u> | \$ <u>34,065</u> | \$ <u>37,594</u> | \$38,090 | \$ <u>43,373</u> | \$ <u>83,333</u> | \$ <u>1,396,587</u> |

National Grid Rhode Island Service Area Gas Cost Working Capital Calculation

Schedule 5 Page2 of 2

| Line No. Description (a) | Reference (b) | <u>Nov-09</u> | <u>Dec-09</u> | <u>Jan-10</u> | Feb-10 | <u>Mar-10</u> | <u>Apr-10</u> | <u>May-10</u> | <u>Jun-10</u> | <u>Jul-10</u> | <u>Aug-10</u> | <u>Sep-10</u> | <u>Oct-10</u> | Total |
|---|---|---|--|---|---|---|--|--|--|--|--|---|--|--|
| 14 Storage Variable Product Costs 15 Less: Balancing Related LNG Commodity (16 Plus: Supply Related LNG O&M Costs 17 Allowable Working Capital Costs | (to DAC) | \$964,712 (\$5,299) <u>\$35,844</u> \$995,257 | \$4,845,206 (\$124,841) <u>\$35,844</u> \$4,756,209 | \$13,603,707 (\$137,916) <u>\$35,844</u> \$13,501,634 | \$9,610,578 (\$195,121) <u>\$35,844</u> \$9,451,301 | \$3,721,088 \$14,569 <u>\$35,844</u> \$3,771,501 | \$275,615 (\$34,457) <u>\$35,844</u> \$277,002 | \$531,416 (\$26,426) <u>\$35,844</u> \$540,833 | \$238,748 (\$25,562) <u>\$35,844</u> \$249,030 | \$112,383 (\$18,880) <u>\$35,844</u> \$129,347 | \$112,034 (\$18,822) <u>\$35,844</u> \$129,056 | \$107,534 (\$18,066) <u>\$35,844</u> \$125,313 | \$111,080 (\$18,661) <u>\$35,844</u> \$128,262 | \$34,234,100 (\$609,484) \$430,129 \$34,054,745 |
| 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 | |
| 19 Working Capital Requirement20 Cost of Capital21 Return on Working Capital Requirement | [(17) * (18)] / 365 Rate Case (19) * (20) | \$66,532 <u>8.43%</u> \$5,607 | \$317,949 <u>8.43%</u> \$26,795 | \$902,575 <u>8.43%</u> \$76,063 | \$631,813 <u>8.43%</u> \$53,245 | \$252,122 <u>8.43%</u> \$21,247 | \$18,517 <u>8.43%</u> \$1,561 | \$36,154 <u>8.43%</u> \$3,047 | \$16,647 <u>8.43%</u> \$1,403 | \$8,647 <u>8.43%</u> \$729 | \$8,627 <u>8.43%</u> \$727 | \$8,377 <u>8.43%</u> \$706 | \$8,574 <u>8.43%</u> \$723 | |
| Weighted Cost of DebtInterest Expense | Rate Case (19) * (22) | 3.42% \$2,274 | 3.42% \$10,867 | 3.42% \$30,848 | 3.42% \$21,594 | 3.42% \$8,617 | 3.42% \$633 | 3.42% \$1,236 | 3.42% \$569 | 3.42% \$296 | 3.42% \$295 | 3.42% \$286 | 3.42% \$293 | |
| 24 Taxable Income25 1 - Combined Tax Rate26 Return and Tax Requirement | (19) - (23) Rate Case (24) / (25) | \$3,333 <u>0.6500</u> \$5,128 | \$15,928 <u>0.6500</u> \$24,504 | \$45,215 <u>0.6500</u> \$69,561 | \$31,651 <u>0.6500</u> \$48,694 | \$12,630 <u>0.6500</u> \$19,431 | \$928 <u>0.6500</u> \$1,427 | \$1,811 <u>0.6500</u> \$2,786 | \$834 <u>0.6500</u> \$1,283 | \$433 <u>0.6500</u> \$666 | \$432 <u>0.6500</u> \$665 | \$420 <u>0.6500</u> \$646 | \$430 <u>0.6500</u> \$661 | |
| | . , . , | | | | | | | | | | | | | |
| 27 Storage Var. Product Working Capital R | | \$ <u>7,402</u> | \$ <u>35,371</u> | \$ <u>100,410</u> | \$ <u>70,288</u> | \$ <u>28,048</u> | \$ <u>2,060</u> | \$ <u>4,022</u> | \$ <u>1,852</u> | \$ <u>962</u> | \$ <u>960</u> | \$ <u>932</u> | \$ <u>954</u> | \$ <u>253,260</u> |
| · | | \$ <u>7,402</u> \$59,522 <u>\$0</u> \$59,522 | \$35,371 \$251,112 \$0 \$251,112 | \$100,410 \$278,355 \$0 \$278,355 | \$ <u>70,288</u> \$160,438 \$ <u>\$0</u> \$160,438 | \$28,048 \$120,218 \$0 \$120,218 | \$2,060 \$62,308 \$0 \$62,308 | \$4,022 \$68,565 \$0 \$68,565 | \$1,852 \$55,337 \$0 \$55,337 | \$ <u>962</u> \$47,928 <u>\$0</u> \$47,928 | \$ <u>960</u> \$38,746 <u>\$0</u> \$38,746 | \$ <u>932</u> \$3,114 <u>\$0</u> \$3,114 | \$ <u>954</u> \$62,185 <u>\$0</u> \$62,185 | \$253,260 \$1,207,828 \$0 \$1,207,828 |
| Storage Var. Product Working Capital R Storage Variable Non-Product Costs Credits | equir. (23) + (26) | \$59,522 \$0 | \$251,112 \$0 | \$278,355 \$0 | \$160,438 \$0 | \$120,218 \$0 | \$62,308 \$0 | \$68,565 \$0 | \$55,337 \$0 | \$47,928 \$0 | \$38,746 \$0 | \$3,114 \$0 | \$62,185 \$0 | \$1,207,828 \$0 |
| Storage Var. Product Working Capital Re Storage Variable Non-Product Costs Credits Allowable Working Capital Costs | (23) + (26) | \$59,522 \$0 \$59,522 | \$251,112 \$0 \$251,112 | \$278,355 \$0 \$278,355 | \$160,438 <u>\$0</u> \$160,438 | \$120,218 \$0 \$120,218 | \$62,308 \$0 \$62,308 | \$68,565 <u>\$0</u> \$68,565 | \$55,337 <u>\$0</u> \$55,337 | \$47,928 \$0 \$47,928 | \$38,746 \$0 \$38,746 | \$3,114 \$0 \$3,114 | \$62,185 <u>\$0</u> \$62,185 | \$1,207,828 \$0 |
| 27 Storage Var. Product Working Capital Rev. 1 Storage Variable Non-Product Costs 2 Credits 3 Allowable Working Capital Costs 4 Number of Days Lag 5 Working Capital Requirement 6 Cost of Capital | (23) + (26) (1) - (2) Rate Case [(3) * (4)] / 365 Rate Case | \$59,522 \$0 \$59,522 24.40 \$3,979 8.43% | \$251,112 \$0 \$251,112 24.40 \$16,787 8.43% | \$278,355 \$0 \$278,355 24.40 \$18,608 8.43% | \$160,438 \$0 \$160,438 24.40 \$10,725 8.43% | \$120,218 \$0 \$120,218 24.40 \$8,037 8.43% | \$62,308 \$0 \$62,308 24.40 \$4,165 8.43% | \$68,565 \$0 \$68,565 24.40 \$4,584 8.43% | \$55,337 <u>\$0</u> \$55,337 24.40 \$3,699 <u>8.43%</u> | \$47,928 \$0 \$47,928 24.40 \$3,204 8.43% | \$38,746 \$0 \$38,746 24.40 \$2,590 8.43% | \$3,114 \$0 \$3,114 24.40 \$208 8.43% | \$62,185 \$0 \$62,185 24.40 \$4,157 8.43% | \$1,207,828 \$0 |
| 27 Storage Var. Product Working Capital Re 1 Storage Variable Non-Product Costs 2 Credits 3 Allowable Working Capital Costs 4 Number of Days Lag 5 Working Capital Requirement 6 Cost of Capital 7 Return on Working Capital Requirement 8 Weighted Cost of Debt | (23) + (26) (1) - (2) Rate Case [(3) * (4)] / 365 Rate Case (5) * (6) Rate Case | \$59,522 \$0 \$59,522 24.40 \$3,979 8.43% \$335 | \$251,112 \$0 \$251,112 24.40 \$16,787 8.43% \$1,415 | \$278,355 \$0 \$278,355 24.40 \$18,608 8.43% \$1,568 3.42% | \$160,438 \$0 \$160,438 24.40 \$10,725 8.43% \$904 3.42% | \$120,218 \$0 \$120,218 24.40 \$8,037 8.43% \$677 | \$62,308 \$0 \$62,308 24.40 \$4,165 8.43% \$351 3.42% | \$68,565 \$0 \$68,565 24.40 \$4,584 8.43% \$386 3.42% | \$55,337 \$0 \$55,337 24.40 \$3,699 8.43% \$312 3.42% | \$47,928 \$0 \$47,928 24.40 \$3,204 8.43% \$270 3.42% | \$38,746 \$0 \$38,746 24.40 \$2,590 8.43% \$218 3.42% | \$3,114 \$0 \$3,114 24.40 \$208 8.43% \$18 3.42% | \$62,185 \$0 \$62,185 24.40 \$4,157 8.43% \$350 3.42% | \$1,207,828 \$0 |

| Line | | | | | | | | | | | | | | |
|----------|---|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------|-----------------------|-------------------|-------------------|------------------------|-------------------|--------------------|------------------------|
| No. | | Nov-09 | Dec-09 | <u>Jan-10</u> | Feb-10 | <u>Mar-10</u> | <u>Apr-10</u> | May-10 | <u>Jun-10</u> | <u>Jul-10</u> | Aug-10 | Sep-10 | Oct-10 | Nov-Oct |
| | (a) | (b) actual | (c) actual | (c) actual | (c) actual | (c) actual | (c) actual | (c) actual | (i) actual | (j) fcst | (k) fcst | (I) fcst | (j) fcst | (n) |
| 1 | SALES (dth) | dotadi | aotaai | aotaai | aotaai | aotaai | dolddi | aotaai | aotaai | 1001 | 1001 | 1001 | 1001 | |
| 2 | Residential Non-Heating | 53,856 | 72,115 | 106,210 | 85,485 | 75,061 | 56,075 | 43,806 | 34,773 | 41,240 | 37,916 | 37,067 | 39,674 | 683,279 |
| 3 | Residential Non-Heating Low Incom | 1,228 | 1,917 | 3,920 | 3,982 | 3,696 | 2,198 | 1,465 | 866 | | | | | 19,272 |
| 4 | Residential Heating | 976,902 | 1,638,849 | 3,063,886 | 2,797,453 | 2,247,579 | 1,308,570 | 766,843 | 457,783 | 460,692 | 374,569 | 407,299 | 558,900 | 15,059,324 |
| 5 | Residential Heating Low Income | 109,132 | 175,730 | 337,180 | 316,550 | 289,312 | 165,907 | 107,144 | 65,672 | | | | | 1,566,629 |
| 6 | Small C&I | 124,663 | 230,236 | 615,969 | 359,350 | 354,709 | 183,324 | 102,574 | 58,577 | 77,031 | 67,983 | 75,604 | 90,438 | 2,340,458 |
| 7 | Medium C&I | 311,911 | 268,199 | 628,550 | 572,428 | 459,034 | 290,497 | 189,139 | 121,103 | 141,790 | 129,233 | 138,056 | 181,197 | 3,431,138 |
| 8 | Large LLF | 51,738 | 76,229 | 133,444 | 131,821 | 131,876 | 104,359 | 24,389 | 10,448 | 21,798 | 14,915 | 19,394 | 45,677 | 766,090 |
| 9 | Large HLF | 27,350 | 29,269 | 48,741 | 33,444 | 31,949 | 27,524 | 25,781 | 12,714 | 23,983 | 25,952 | 30,312 | 28,264 | 345,282 |
| 10 11 | Extra Large LLF Extra Large HLF | 15,382 21,508 | 2,660 23,255 | 12,861 33,402 | 12,411 21,646 | 15,061 21,085 | 6,666 <u>17,333</u> | 5,441 <u>8,375</u> | 3,074 40,894 | 2,541 19,397 | 1,034 <u>21,061</u> | 1,642 23,975 | 6,368 23,746 | 85,140 275,678 |
| | Total Sales | 1,693,670 | 2,518,460 | 4,984,162 | 4,334,571 | 3,629,362 | 2,162,453 | 1,274,958 | 805,904 | 788,472 | 672,664 | 733,349 | 974,264 | 24,572,290 |
| | Total Gales | 1,033,070 | 2,310,400 | 4,304,102 | 4,554,571 | 3,023,302 | 2,102,400 | 1,274,550 | 003,304 | 700,472 | 072,004 | 733,343 | 374,204 | 24,572,250 |
| 12 | <u>TSS</u> | | | | | | | | | | | | | |
| 13 | Medium | 2,525 | 2,511 | 6,387 | 6,033 | 4,764 | 6,749 | 4,461 | 27 | | | | | |
| 14 | Large LLF | 7,545 | (215) | 441 | 41 | 59 | 3 | (4,291) | 0 | | | | | |
| 15 | Large HLF | 6,907 | 2,823 | 5,634 | 3,770 | 5,073 | 2,276 | 1,856 | 0 | | | | | |
| 16 | Extra Large LLF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 17 | Extra Large HLF | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | | | | | |
| 18 | Total TSS | 16,977 | 5,119 | 12,462 | 9,844 | 9,896 | 9,028 | 2,026 | 27 | | | | | |
| 10 | ET 2 TRANSPORTATION | | | | | | | | | | | | | |
| 19 20 | FT-2 TRANSPORTATION FT-2 Medium | 55,472 | 86,571 | 164,596 | 154,653 | 134,338 | 91,851 | 60,355 | 45,505 | 21,962 | 22,767 | 20,908 | 33,989 | 892,967 |
| | FT-2 Large LLF | 39,873 | 69,264 | 139,157 | 125,796 | 120,286 | 74,016 | 38,392 | 18,410 | 17,144 | 11,979 | 13,000 | 21,033 | 688,351 |
| 22 | FT-2 Large HLF | 11,014 | 17,953 | 21,969 | 22,532 | 24,213 | 18,749 | 14,450 | 13,165 | 7,343 | 8,243 | 8,828 | 8,245 | 176,704 |
| | FT-2 Extra Large LLF | 1,075 | 9,076 | 12,561 | 9,369 | 10,636 | 5,005 | 2,988 | (265) | 9 | 0,240 | 3 | 185 | 50,641 |
| | FT-2 Extra Large HLF | 4,243 | <u>3,461</u> | 4,414 | <u>9,631</u> | 7,392 | <u>7,770</u> | 9,454 | 8,78 <u>5</u> | 2,691 | <u>7,776</u> | 5,890 | 6,764 | <u>78,271</u> |
| 25 | Total FT-2 Transportation | 111,676 | 186,325 | 342,697 | 321,980 | 296,865 | 197,390 | 125,640 | 85,600 | 49,149 | 50,766 | 48,629 | 70,215 | 1,886,933 |
| | | | | | | | | | | | | | | |
| 26 | Sales & FT-2 THROUGHPUT | | | | | | | | | | | | | |
| 27 | Residential Non-Heating | 53,856 | 72,115 | 106,210 | 85,485 | 75,061 | 56,075 | 43,806 | 34,773 | 41,240 | 37,916 | 37,067 | 39,674 | 683,279 |
| 28 | Residential Non-Heating Low Incom | 1,228 | 1,917 | 3,920 | 3,982 | 3,696 | 2,198 | 1,465 | 866 | 0 | 0 | 0 | 0 | 19,272 |
| 29 | Residential Heating | 976,902 | 1,638,849 | 3,063,886 | 2,797,453 | 2,247,579 | 1,308,570 | 766,843 | 457,783 | 460,692 | 374,569 | 407,299 | 558,900 | 15,059,324 |
| 30 31 | Residential Heating Low Income Small C&I | 109,132 | 175,730 230,236 | 337,180 615,969 | 316,550 359,350 | 289,312 | 165,907 | 107,144 | 65,672 58,577 | 77.024 | 0 67,983 | 0 75,604 | 0 90,438 | 1,566,629 |
| 32 | Medium C&I | 124,663 369,907 | 357,281 | 799,533 | 733,114 | 354,709 598,136 | 183,324 389,097 | 102,574 253,956 | 166,635 | 77,031 163,752 | 152,001 | 158,964 | 215,185 | 2,340,458 4,357,562 |
| 33 | Large LLF | 99,156 | 145,278 | 273,042 | 257,658 | 252,221 | 178,378 | 58,490 | 28,859 | 38,943 | 26,894 | 32,395 | 66,710 | 1,458,023 |
| | Large HLF | 45,271 | 50,045 | 76,344 | 59,745 | 61,235 | 48,549 | 42,087 | 25,879 | 31,326 | 34,196 | 39,140 | 36,509 | 550,326 |
| 35 | Extra Large LLF | 16,457 | 11,735 | 25,422 | 21,780 | 25,697 | 11,671 | 8,429 | 2,809 | 2,550 | 1,034 | 1,644 | 6,552 | 135,781 |
| 36 | Extra Large HLF | 25,751 | 26,716 | 37,816 | 31,277 | 28,476 | 25,103 | 17,829 | 49,679 | 22,088 | 28,837 | 29,865 | 30,510 | 353,948 |
| 37 | Total Sales & FT-2 Throughput | 1,822,323 | 2,709,904 | 5,339,321 | 4,666,395 | 3,936,123 | 2,368,872 | 1,402,624 | 891,531 | 837,621 | 723,430 | 781,977 | 1,044,480 | 26,524,601 |
| | | | | | | | | | | | | | | |
| 38 | FT-1 TRANSPORTATION | == === | 00.005 | 404.040 | 400.004 | 70.000 | 50.005 | 44 400 | 00.070 | 00.050 | 00.704 | 00.077 | 45.000 | 005.000 |
| 39 | FT-1 Medium | 55,583 | 92,625 | 131,042 | 102,284 | 73,803 | 50,005 | 41,460 | 30,070 | 20,856 | 22,704 | 29,877 | 45,660 | 695,968 |
| | FT-1 Large LLF FT-1 Large HLF | 81,308 41,419 | 145,299 59,542 | 217,037 78,382 | 168,901 64,417 | 113,089 53,517 | 66,066 43,217 | 41,815 44,174 | 16,754 38,318 | 30,457 34,522 | 25,702 47,361 | 30,940 40,668 | 41,632 38,002 | 979,000 583,539 |
| 42 | FT-1 Earge FLF FT-1 Extra Large LLF | 34,778 | 71,391 | 98,247 | 101,582 | 59,774 | 36,255 | 30,365 | 14,642 | 31,465 | 28,568 | 27,615 | 33,974 | 568,656 |
| 43 | FT-1 Extra Large HLF | 307,500 | 399,910 | 570,169 | 439,547 | 410,200 | 361,432 | 322,490 | 373,837 | 239,946 | 241,558 | 289,315 | 297,281 | 4,253,184 |
| 44 | Default | 20,878 | 12,047 | <u>18,196</u> | 6,670 | 3,609 | 10,153 | 4,098 | <u>2,672</u> | 200,010 | 2,000 | 200,010 | 201,201 | 78,324 |
| 45 | Total FT-1 Transportation | 541,466 | 780,815 | 1,113,072 | 883,401 | 713,993 | 567,127 | 484,402 | 476,292 | 357,245 | 365,893 | 418,416 | 456,548 | 7,158,671 |
| | · | | | | | | | | | | | | | |
| 46 | Total THROUGHPUT | | | | | | | | | | | | | |
| 47 | Residential Non-Heating | 53,856 | 72,115 | 106,210 | 85,485 | 75,061 | 56,075 | 43,806 | 34,773 | 41,240 | 37,916 | 37,067 | 39,674 | 683,279 |
| 48 | Residential Non-Heating Low Incom | 1,228 | 1,917 | 3,920 | 3,982 | 3,696 | 2,198 | 1,465 | 866 | 0 | 0 | 0 | 0 | 19,272 |
| | Residential Heating | 976,902 | 1,638,849 | 3,063,886 | 2,797,453 | 2,247,579 | 1,308,570 | 766,843 | 457,783 | 460,692 | 374,569 | 407,299 | 558,900 | 15,059,324 |
| | Residential Heating Low Income | 109,132 | 175,730 | 337,180 | 316,550 | 289,312 | 165,907 | 107,144 | 65,672 | 77.024 | 0 | 0 75 604 | 0 438 | 1,566,629 |
| | Small C&I Medium C&I | 124,663 425,491 | 230,236 449,907 | 615,969 | 359,350 835,398 | 354,709 671,940 | 183,324 439,102 | 102,574 | 58,577 106 705 | 77,031 | 67,983 174,705 | 75,604 | 90,438 | 2,340,458 |
| | Large LLF | 425,491 180,464 | 449,907 290,578 | 930,575 490,080 | 835,398 426,559 | 365,310 | 439,102 244,444 | 295,416 100,305 | 196,705 45,612 | 184,607 69,399 | 174,705 52,596 | 188,841 63,335 | 260,845 108,342 | 5,053,530 2,437,024 |
| | Large HLF | 86,690 | 109,587 | 154,726 | 124,162 | 114,752 | 91,765 | 86,261 | 64,197 | 65,848 | 81,556 | 79,808 | 74,511 | 1,133,864 |
| | Extra Large LLF | 51,235 | 83,127 | 123,668 | 123,362 | 85,471 | 47,925 | 38,794 | 17,451 | 34,015 | 29,602 | 29,260 | 40,527 | 704,437 |
| | Extra Large HLF | 333,251 | 426,626 | 607,985 | 470,824 | 438,676 | 386,535 | 340,319 | 423,516 | 262,033 | 270,396 | 319,180 | 327,791 | 4,607,132 |
| | Default | 20,878 | 12,047 | <u>18,196</u> | 6,670 | 3,609 | <u>10,153</u> | 4,098 | 2,672 | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | 78,324 |
| | Total Throughput | 2,363,789 | 3,490,719 | 6,452,394 | 5,549,796 | 4,650,116 | 2,935,998 | 1,887,027 | 1,367,824 | 1,194,866 | 1,089,323 | 1,200,393 | 1,501,028 | 33,683,272 |
| | | | | | | | | | | | | | | |