

September 30, 2010

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4199 - 2010 Gas Charge Recovery Filing
Responses to Division Data Requests (Set 2)**

Dear Ms Massaro:

Enclosed please find ten (10) copies of National Grid's responses to the Division's Second Set of Data Requests in the above-captioned proceeding.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at (401) 784-7667.

Sincerely,

A handwritten signature in blue ink, appearing to read "T. Teehan".

Thomas R. Teehan

Enclosures

cc: Leo Wold, Esq.
Steve Scialabba
Bruce Oliver

Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been electronically transmitted, sent via U.S. mail or hand-delivered to the individuals listed below.



Joanne M. Scanlon

October 1, 2010

Date

**Docket No. 4199 – National Grid – Annual Gas Cost Recovery Filing
("GCR") - Service List as of 9/3/10**

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File an original & nine (9) copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick RI 02888	Lmassaro@puc.state.ri.us	401-780-2107
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Division Data Request 2-1

Request:

Re: Attachment EDA-2, page 2 of 17. Please explain why requirements for LNG Storage Withdrawals for LNG PROV and LNG VALLEY are only projected to increase for the month of December.

Response:

Based on a normal year, the least-cost dispatch scenario utilizing the SENDOUT® Model shows a requirement of up to 97,000 MMBtus of LNG vaporization from the Providence LNG and LNG Valley (Cumberland) facilities in the month of December 2010. For the remaining peak months under normal weather conditions, the SENDOUT® model demonstrates an increase in the utilization of less expensive supplies provided by the new East to West Project, as well as Dracut, HubLine and underground storage supplies.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division Data Request 2-2

Request:

Re: Attachments EDA-5 and EDA-6. Please explain the reason(s) each of the referenced attachments is included with witness Arangio's Pre-filed Direct Testimony but is not discussed in that testimony. Please include in the response to this request identification and explanation of any and all changes that National Grid proposes in this proceeding in (1) Operational Parameters for Non-Daily Metered FT-2 Storage and Peaking Resources and (2) National Grid – Rhode Island Transportation Default Service.

Response:

Attachment EDA-5 and Attachment EDA-6 are included in this filing as both the Non-Daily Metered FT-2 Storage and Peaking Resources and Transportation Default Service Price Sheet are required by the Company's tariff. (See RIPUC NG-GAS No. 101, Section 6 subpart 2.04 and 3.02.) They were not discussed in the testimony because they were not modified since the Company's same filing last year.

Division Data Request 2-3

Request:

Please provide the workpapers, calculations, studies, modeling results, and other information upon which the Company relies to support the assessments offered in response to part a. of this request.

Response:

There is no part (a) to this question.

Division Data Request 2-4

Request:

Re: footnote 2 on page 4 of witness Nestor's Pre-Filed Direct Testimony, please:

- a. Document the specific costs that were double counted by month in which they were actually incurred;
- b. Detail all changes in procedures that the Company has implemented or plans to implement to avoid such double counting in future periods.

Response:

- a. The adjustment referred to in footnote 2 of Mr. Nestor's Testimony relates to the double counting of Storage Variable Non-Product Costs that were also being recovered in Storage Variable Product Costs. These costs were discovered during the compilation of the Gas Cost Recovery Filing (GCR) and an adjustment was made in the Company's September 20, 2010 Deferred Balance Filing. As noted in footnote 2, this adjustment lowered the overall Deferred October Balance from \$7,423,481 to \$6,727,553. Please see Attachment DIV 2-4 which identifies the specific costs by month.
- b. The Company has made the adjustment in its September 20, 2010 Deferred Balance Filing and corrected its modeling for future Deferred Balance filings to eliminate this double counting issue.

National Grid
Rhode Island Service Area
Deferred Gas Cost Balance

	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 actual	Aug-10 31 actual	Sep-10 30 fcst	Oct-10 31 fcst	Nov - Oct 365
<u>I. Supply Fixed Cost Deferred</u>													
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)	(\$9,171,582)	(\$7,823,305)	(\$6,263,436)	
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	\$2,620,430	\$2,087,272	\$2,477,914	\$2,477,975	\$24,467,164
Capacity Release	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	<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>\$19,488</u>	<u>\$15,523</u>	<u>\$18,428</u>	<u>\$18,428</u>	\$181,959
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	\$2,639,918	\$2,102,795	\$2,496,342	\$2,496,403	\$24,649,122
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	\$653,159	\$545,607	\$729,343	\$978,464	\$24,804,125
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)	(\$8,961,014)	(\$7,614,394)	(\$6,056,306)	(\$4,745,497)	
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)	(\$9,954,393)	(\$8,392,988)	(\$6,939,805)	(\$5,504,466)	
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)	(\$10,568)	(\$8,910)	(\$7,130)	(\$5,844)	(\$92,550)
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)	(\$9,171,582)	(\$7,823,305)	(\$6,263,436)	(\$4,951,340)	
<u>II. Storage Fixed Cost Deferred</u>													
Beginning Balance	\$1,674,812	\$1,850,028	\$1,670,455	\$206,359	(\$661,406)	(\$1,481,605)	(\$1,862,153)	(\$1,622,104)	(\$1,137,242)	(\$1,277,032)	(\$861,054)	(\$322,376)	
Storage Fixed Costs	\$943,967	\$952,357	\$721,613	\$1,086,439	\$800,927	\$549,607	\$815,928	\$853,488	\$19,866	\$633,099	\$822,521	\$823,721	\$9,023,534
LNG Demand to DAC	(\$77,196)	(\$77,196)	(\$39,815)	(\$84,534)	(\$51,506)	(\$13,671)	(\$58,303)	(\$64,296)	\$75,414	(\$27,508)	(\$26,460)	(\$26,460)	(\$471,531)
Supply Related LNG O & M	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$51,549	\$618,591
Working Capital	<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>\$1,092</u>	<u>\$4,887</u>	<u>\$6,304</u>	<u>\$6,312</u>	<u>\$68,200</u>
Total Storage Fixed Costs	\$925,149	\$933,602	\$738,802	\$1,061,289	\$806,927	\$591,855	\$815,192	\$846,994	\$147,922	\$662,027	\$853,914	\$855,123	\$9,238,795
TSS Peaking Collections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Fixed - Collections	\$751,743	\$1,115,042	\$2,203,893	\$1,928,836	\$1,625,989	\$970,686	\$573,295	\$360,715	\$286,431	\$244,915	\$314,628	\$424,099	\$10,800,273
Prelim. Ending Balance	\$1,848,218	\$1,668,587	\$205,364	(\$661,188)	(\$1,480,468)	(\$1,860,436)	(\$1,620,256)	(\$1,135,825)	(\$1,275,751)	(\$859,920)	(\$321,769)	\$108,647	
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)	(\$1,206,497)	(\$1,068,476)	(\$591,411)	(\$106,865)	
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)	(\$1,281)	(\$1,134)	(\$608)	(\$113)	(\$4,800)
Storage Fixed Ending Balance	\$1,850,028	\$1,670,455	\$206,359	(\$661,406)	(\$1,481,605)	(\$1,862,153)	(\$1,622,104)	(\$1,137,242)	(\$1,277,032)	(\$861,054)	(\$322,376)	\$108,533	
<u>III. Variable Supply Cost Deferred</u>													
Beginning Balance	\$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	\$12,125,403	\$11,153,912	\$10,590,715	
Variable Supply 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	\$2,978,384	\$3,880,539	\$5,888,107	\$11,211,837	\$186,020,230
Variable Delivery Storage	\$0	(\$29,074)	(\$89,361)	(\$69,473)	(\$23,075)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$210,983)
Variable Injections Storage	(\$5,163)	(\$488)	\$0	\$0	(\$1,472)	(\$16,828)	(\$17,350)	(\$13,932)	(\$8,143)	(\$7,185)	(\$361)	(\$9,372)	(\$80,294)
Fuel Cost Allocated to Storage	(\$33,017)	(\$125,895)	(\$380,174)	(\$291,966)	(\$130,763)	(\$88,698)	(\$92,134)	(\$74,192)	(\$39,785)	(\$31,783)	(\$2,757)	(\$52,733)	(\$1,343,898)
Working Capital	<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>\$21,793</u>	<u>\$28,569</u>	<u>\$43,766</u>	<u>\$82,919</u>	\$1,371,243
Total Supply Variable Costs	\$18,161,271	\$31,818,695	\$33,531,807	\$28,138,351	\$21,716,079	\$17,060,343	\$6,731,362	\$4,614,594	\$2,952,250	\$3,870,140	\$5,928,755	\$11,232,650	\$185,756,298
Supply Variable - 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	\$5,836,080	\$4,853,982	\$6,503,117	\$8,639,485	\$217,168,417
Deferred Responsibility	\$1,527	\$1,746	\$9,352	\$11,904	\$17,035	(\$410)	(\$6,327)	(\$8,464)	(\$11,123)	\$0	\$0	\$0	\$0
Prelim. Ending Balance	\$46,925,744	\$56,257,643	\$45,317,914	\$34,893,129	\$24,293,766	\$22,101,699	\$17,514,061	\$14,967,032	\$12,111,021	\$11,141,562	\$10,579,550	\$13,183,880	
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	\$16,251,067	\$13,547,374	\$11,633,482	\$10,866,731	\$11,887,297	
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	\$46,855	\$54,797	\$53,948	\$38,483	\$31,438	\$23,849	\$21,042	\$16,696	\$14,382	\$12,351	\$11,164	\$12,620	\$337,626
Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$12,125,403	\$11,153,912	\$10,590,715	\$13,196,500	

National Grid
Rhode Island Service Area
Deferred Gas Cost Balance

	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 actual	Aug-10 31 actual	Sep-10 30 fcst	Oct-10 31 fcst	Nov - Oct 365
<u>IVa. Storage Variable Product Cost Deferred</u>													
Beginning Balance	(\$30,418,752)	(\$29,548,145)	(\$25,331,122)	(\$13,141,016)	(\$4,819,420)	(\$2,023,871)	(\$2,176,993)	(\$1,783,627)	(\$1,507,946)	(\$1,200,994)	(\$595,539)	(\$332,753)	
Storage Variable Prod. Costs - LNG	\$31,545	\$743,101	\$820,931	\$1,161,436	(\$86,720)	\$205,101	\$157,300	\$152,156	\$125,679	\$127,698	\$107,700	\$111,215	\$3,657,142
Storage Variable Prod. Costs - UG	\$893,193	\$3,906,351	\$12,561,203	\$8,326,125	\$3,716,561	\$68,930	\$367,568	\$84,035	\$162,836	\$342,989	\$0	\$0	\$30,429,792
Supply Related LNG to DAC	(\$5,299)	(\$124,841)	(\$137,916)	(\$195,121)	\$14,569	(\$34,457)	(\$26,426)	(\$25,562)	(\$101,011)	(\$21,453)	(\$18,094)	(\$18,684)	(\$694,297)
Supply Related LNG O & M	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$35,844	\$430,129
Inventory Financing - LNG	\$48,072	\$44,219	\$41,050	\$34,733	\$42,932	\$42,951	\$43,624	\$44,153	\$44,244	\$43,509	\$39,116	\$38,942	\$507,544
Inventory Financing - UG	\$385,002	\$331,274	\$222,978	\$143,100	\$92,455	\$148,334	\$178,811	\$216,366	\$226,970	\$229,986	\$307,942	\$307,942	\$2,791,161
Working Capital	\$7,104	\$33,915	\$98,762	\$69,373	\$27,369	\$2,048	\$3,973	\$1,833	\$1,661	\$3,607	\$933	\$955	\$251,535
Total Storage Variable Product Costs	\$1,395,460	\$4,969,864	\$13,642,852	\$9,575,490	\$3,843,011	\$468,751	\$760,694	\$508,825	\$496,224	\$762,180	\$473,441	\$476,213	\$37,373,007
Storage Variable Product Collections	\$494,064	\$723,726	\$1,432,335	\$1,245,287	\$1,043,832	\$619,716	\$365,227	\$231,454	\$187,835	\$155,772	\$210,178	\$279,224	\$6,988,650
Prelim. Ending Balance	(\$29,517,355)	(\$25,302,006)	(\$13,120,605)	(\$4,810,813)	(\$2,020,241)	(\$2,174,836)	(\$1,781,526)	(\$1,506,256)	(\$1,199,557)	(\$594,586)	(\$332,276)	(\$135,763)	
Month's Average Balance	(\$29,968,054)	(\$27,425,075)	(\$19,225,863)	(\$8,975,914)	(\$3,419,830)	(\$2,099,354)	(\$1,979,259)	(\$1,644,941)	(\$1,353,751)	(\$897,790)	(\$463,908)	(\$234,258)	
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	(\$30,789)	(\$29,116)	(\$20,411)	(\$8,607)	(\$3,631)	(\$2,157)	(\$2,101)	(\$1,690)	(\$1,437)	(\$953)	(\$477)	(\$249)	(\$101,617)
Storage Variable Product Ending Bal.	(\$29,548,145)	(\$25,331,122)	(\$13,141,016)	(\$4,819,420)	(\$2,023,871)	(\$2,176,993)	(\$1,783,627)	(\$1,507,946)	(\$1,200,994)	(\$595,539)	(\$332,753)	(\$136,012)	
<u>IVb. Stor Var Non-Prod Cost Deferred</u>													
Beginning Balance	(\$4,875,985)	(\$4,687,669)	(\$4,242,572)	(\$3,578,583)	(\$3,081,318)	(\$2,677,290)	(\$2,445,835)	(\$2,277,627)	(\$2,159,310)	(\$2,078,279)	(\$1,997,357)	(\$1,939,466)	
Storage Variable Non-prod. Costs	\$39,974	\$195,754	\$221,572	\$123,017	\$91,247	\$1,583	\$6,548	\$2,557	\$8,161	\$0	\$0	\$0	\$690,413
Variable Delivery Storage Costs	\$9,610	\$47,211	\$53,219	\$29,511	\$21,958	\$405	\$1,725	\$687	\$2,201	\$0	\$0	\$0	\$166,527
Variable Injection Storage Costs	\$2,094	\$1,472	\$523	\$1,291	\$1,270	\$12,972	\$11,998	\$10,301	\$3,844	\$7,185	\$361	\$9,372	\$62,684
Fuel Costs Allocated to Storage	\$7,844	\$6,675	\$3,041	\$6,619	\$5,743	\$47,348	\$48,294	\$41,793	\$17,253	\$31,783	\$2,757	\$52,733	\$271,883
Working Capital	\$443	\$1,867	\$2,070	\$1,193	\$894	\$463	\$510	\$412	\$234	\$290	\$23	\$462	\$8,861
Total Storage Var Non-product Costs	\$59,965	\$252,979	\$280,425	\$161,631	\$121,112	\$62,771	\$69,075	\$55,749	\$31,693	\$39,258	\$3,141	\$62,568	\$1,200,367
Storage Var Non-Product Collections	(\$133,262)	(\$196,856)	(\$387,713)	(\$338,825)	(\$285,971)	(\$171,314)	(\$101,639)	(\$64,846)	(\$51,587)	(\$43,826)	(\$56,772)	(\$75,829)	(\$1,908,440)
Prelim. Ending Balance	(\$4,682,759)	(\$4,237,834)	(\$3,574,434)	(\$3,078,127)	(\$2,674,235)	(\$2,443,205)	(\$2,275,121)	(\$2,157,032)	(\$2,076,031)	(\$1,995,195)	(\$1,937,445)	(\$1,801,069)	
Month's Average Balance	(\$4,779,372)	(\$4,462,751)	(\$3,908,503)	(\$3,328,355)	(\$2,877,777)	(\$2,560,248)	(\$2,360,478)	(\$2,217,330)	(\$2,117,671)	(\$2,036,737)	(\$1,967,401)	(\$1,870,268)	
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	(\$4,910)	(\$4,738)	(\$4,149)	(\$3,192)	(\$3,055)	(\$2,630)	(\$2,506)	(\$2,278)	(\$2,248)	(\$2,162)	(\$2,021)	(\$1,986)	(\$35,876)
Storage Var Non-Product Ending Bal.	(\$4,687,669)	(\$4,242,572)	(\$3,578,583)	(\$3,081,318)	(\$2,677,290)	(\$2,445,835)	(\$2,277,627)	(\$2,159,310)	(\$2,078,279)	(\$1,997,357)	(\$1,939,466)	(\$1,803,055)	
<u>GCR Deferred Summary</u>													
Beginning Balance	\$9,863,623	\$15,204,716	\$25,489,793	\$22,704,742	\$17,629,103	\$7,975,101	\$3,594,663	\$128,610	(\$768,543)	(\$1,602,484)	(\$123,343)	\$1,732,684	
Gas Costs	\$22,234,671	\$39,501,648	\$49,856,489	\$40,658,219	\$28,735,825	\$19,147,744	\$10,130,096	\$7,763,817	\$6,223,738	\$7,383,524	\$9,686,139	\$15,013,881	\$256,335,791
Working Capital	\$162,135	\$290,975	\$368,812	\$301,046	\$212,697	\$140,976	\$73,682	\$55,801	\$44,268	\$52,876	\$69,453	\$109,076	\$1,881,798
Total Costs	\$22,396,807	\$39,792,623	\$50,225,301	\$40,959,265	\$28,948,522	\$19,288,720	\$10,203,778	\$7,819,618	\$6,268,006	\$7,436,400	\$9,755,592	\$15,122,957	\$258,217,589
Collections	\$18,381,356	\$26,746,389	\$52,881,457	\$45,899,761	\$38,461,645	\$22,906,017	\$13,471,913	\$8,516,545	\$6,900,795	\$5,756,450	\$7,700,494	\$10,245,443	\$257,868,265
Prelim. Ending Balance	\$13,879,074	\$28,250,950	\$22,833,637	\$17,764,246	\$8,115,981	\$4,357,805	\$326,528	(\$568,318)	(\$1,401,332)	\$77,466	\$1,931,755	\$6,610,197	
Month's Average Balance	\$11,871,349	\$21,727,833	\$24,161,715	\$20,234,494	\$12,872,542	\$6,166,453	\$1,960,596	(\$219,854)	(\$1,084,938)	(\$762,509)	\$904,206	\$4,171,441	
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	\$12,197	\$20,278	\$25,651	\$19,403	\$13,666	\$6,335	\$2,081	(\$226)	(\$1,152)	(\$810)	\$929	\$4,429	\$102,782
Gas Purchase Plan Incentives/(Penalties)	\$1,313,445	(\$1,313,445)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
NGPMP Credit	\$1,467,990	\$1,467,990	\$154,545	\$154,545	\$154,545	\$769,477	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$3,901,104
Ending Bal. W/ Interest	\$15,204,716	\$25,489,793	\$22,704,742	\$17,629,103	\$7,975,101	\$3,594,663	\$128,610	(\$768,543)	(\$1,602,484)	(\$123,343)	\$1,732,684	\$6,414,626	
Under/(Over)-collection	\$4,015,451	\$13,046,234	(\$2,656,156)	(\$4,940,496)	(\$9,513,123)	(\$3,617,297)	(\$3,268,135)	(\$696,927)	(\$632,789)	\$1,679,950	\$2,055,098	\$4,877,514	

Division Data Request 2-5

Request:

Re: the Pre-Filed Direct Testimony of witness Arangio at page 12-17, please:

- a. Explain the impacts of the changes identified in the Company's Gas Supply Portfolio for RI on its supply planning and operating strategies for the winter of 2010-11;
- b. Provide the Company's assessment of the economics of the use of alternative gas supply resources to meet:
 - i. Forecasted Design Winter Requirements
 - ii. Forecasted Design Day Peak Requirements
 - iii. Forecasted Cold Snap Requirements

Response:

Please see the Company's response to Division Data Request 1-10.

Division Data Request 2-6

Request:

Please provide the Company's assessment of the gas supply capacity that will be available for release on a daily and monthly basis during the winter of 2010-11 under forecasted Normal Winter requirements.

Response:

National Grid's obligation is to reliably meet firm customer requirements at the lowest possible cost. The Company constantly monitors its gas resource portfolios to ensure the appropriate mix of pipeline transportation capacity, market area storage, bundled city gate supply, and peaking resources are available to serve projected firm Normal and Design requirements. To further minimize cost, the Company seeks to optimize portfolio assets when they are not being utilized by the firm customers. Once the winter heating season begins, the Company will actively pursue opportunities to sell available supply and/or capacity in a manner that does not diminish overall supply adequacy, reliability or operational flexibility to firm customers.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division Data Request 2-7

Request:

Please provide the Company's assessment of the gas supply capacity that will be available for release on a daily and monthly basis during the winter of 2010-11 under forecasted Design Winter requirements.

Response:

When experiencing forecasted design winter requirements, the Company does not anticipate there will be any capacity available for release.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division Data Request 2-8

Request:

Please provide the Company's assessment of the gas supply capacity that will be available for release on a daily basis during an assumed Cold Snap in winter of 2010-11.

Response:

When experiencing a cold snap, the Company does not anticipate there will be any capacity available for release.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division Data Request 2-9

Request:

Please provide the Company's assessment of the gas supply capacity that will be available for release under forecasted Design Day Peak Demand conditions for the winter of 2010-2011.

Response:

When experiencing forecasted Design Day Peak Demand conditions, the Company does not anticipate there will be any capacity available for release.

Prepared by or under the supervision of: Elizabeth D. Arangio

The Narragansett Electric Company
d/b/a National Grid
Docket No. 4199 - GCR 2010
Responses to Division Data Requests – Set 2
Issued on September 17, 2010

Division Data Request 2-10

Request:

Please list the quantities of natural gas supply capability by source that National Grid expects to have available under Design Winter Peak conditions for the winter of 2010-2011 and compare that amount to the Company's estimated Design Day Peak Demand for the winter of 2010-2011.

Response:

Please see table below:

National Grid RI
Design Day Forecasted Sendout Requirements

(Excludes Customer Choice)
(MMBtu)

2010-11

Providence	220,700
Valley	58,100
Warren	5,800
<u>Westerly</u>	<u>5,100</u>
Total Requirements	289,700

National Grid RI
Available Capacity

(Excludes Customer Choice)
(MMBtu)

2010-11

TGP	Waddington	1,000
	TGP Long-Haul	30,490
	Niagara	1,067
	Dracut	15,000
	Storage	10,836

TET	TET Long-Haul	28,327
	TCO	45,081
	Hubline / East to West	12,850
	M3	5,539
	Storage	27,750

Local LNG	107,160
Yankee Montville (Hubline / East to West)	<u>4,600</u>

TGP	Waddington	1,000
	TGP Long-Haul	32,935
	Niagara	1,067
	Dracut	15,000
	Storage	10,836

TET	TET Long-Haul	31,252
	TCO	46,132
	Hubline / East to West	13,000
	M3	8,631
	Storage	27,750

Local LNG	145,000
Yankee Montville (Hubline / East to West)	<u>5,000</u>

Total Supplies	289,700
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Available Capacity	337,603
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Prepared by or under the supervision of: Elizabeth D. Arangio

Division Data Request 2-11

Request:

Please provide the Design Day Peak planning criteria that National Grid uses for each gas distribution utility in each jurisdiction (including its RI operations) in which it provides natural gas distribution service.

Response:

Please see table below summarizing the Design Day Peak planning criteria that National Grid uses for each gas distribution utility in each jurisdiction in which it provides natural gas distribution service:

Portfolio	Design Day Planning Criteria
Massachusetts	79 EDD
New Hampshire	72 HDD
New York – Downstate	65 HDD
New York – Upstate	75 HDD
Rhode Island	68 HDD