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PUBLIC UTILITIES COMMISSION

October 4, 2006

**VIA HAND DELIVERY AND ELECTRONIC MAIL**

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

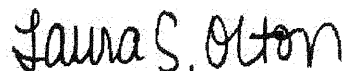
**RE: Docket 3766 - Annual Gas Cost Recovery (GCR) Charge  
Responses to Division Data Requests – Set 1**

Dear Ms. Massaro:

Enclosed please find ten (10) copies of National Grid's responses to the first set of the Division Data Requests issued on September 22, 2006, in the above-captioned proceeding. This set includes responses to Division Data Requests 1-01 through 1-19. Please note that under the Company's Motion for Protective Treatment filed with the Commission on September 1, 2006, the provisions of the Company's asset management agreement with ConocoPhillips are confidential, commercially sensitive and proprietary. Accordingly, in response to the Division request in data request DIV 1-07c for a copy of the contract, the Company is filing with the Commission one copy under seal and one copy under seal to Mr. Bruce Oliver consistent with the Commission's regulations. A redacted copy has been served to the parties.

Thank you for your attention to this matter. If you have any questions, please feel free to contact me at (401) 784-7667.

Very truly yours,



Laura S. Olton

Enclosures

cc: Docket 3766 Service List

Division Data Request 1-1

Request:

Re: Schedule PCC-1, page 12. The electronic workpapers provided show all the forecasted monthly sales and FT-2 Transportation volumes as hard inputs. Please:

- a. Provide all supporting workpapers for the development of monthly and annual forecasted sales for each rate class.
- b. Identify losses, additions or changes in rate classification for Large and Extra Large C&I customers and all documentation relied upon to support forecasted changes in sales and transportation volumes for those classes.

Response:

- a. Workpapers supporting the development of monthly and annual forecasted sales for each rate class, except the extra large, are contained in two excel files. The first file, "Forecast 2007-2008", includes a worksheet used to develop the forecasted customer count based on the general trend of month-to-month changes over the same month in each of the last three years. For example, between October and November in each of the past three years, there has been an average increase of 2,124 residential heating customers and hence, the forecast for November 2006 reflects an increase of 2,124 customers over the October customer count. For the medium, large low load and large high load categories, the sales and transportation data in each rate class was combined for purposes of developing the customer count forecast and then split into the sales / transportation subcategories based on the most recent mix of sales and transportation service. The forecasted sales volumes are calculated by multiplying the monthly forecasted customer count by the monthly average normalized use per customer. The development of the monthly average normalized use per customer is provided on the worksheets associated with the second excel file, "RI History for GCR". The second file shows the adjusting of actual historic consumption data for the effects of weather based on a ten-year normal of 5,463 degree days (5,492 in 2004 to account for the leap year). The normalized average use per customer is based on the average use per customer per month in the same month of the last two years.

Electronic copies of both excel files have been provided to Mr. Oliver via e-mail.

Prepared by or under the supervision of:  
Peter Czekanski

Response to DIV 1-1 continued:

- b. Losses, additions and changes in the Large rate classification were not specifically identified by customer. The forecast for the Large rate classification was developed as described in the response to DIV 1-1a above. Specific losses, additions and changes were identified for Extra Large C&I customers on a customer-by-customer basis by the key accounts representatives assigned to the accounts. A copy of the spreadsheet with the supporting details and documentation was provided to Mr. Oliver via e-mail.

Prepared by or under the supervision of:  
Peter Czekanski

Division Data Request 1-2

Request:

Re: Schedule PCC-3, Schedule 1. Please provide the Company's assessment of the merits of using the Weighted Cost Rate for Short-Term Debt (as exemplified by the historical data presented in Attachment SP-1, page 10 of 10, in Docket 3760) in place of the Bank of America Prime Rate when the calculation of interest on deferred balances on a going-forward basis.

Response:

The use of the Bank of America prime interest rate less 200 basis points (2%) is in accordance with the Company's tariff, Section 2, Schedule A, 6.0.3. This rate closely tracks market-based interest rates. At this time, the Company believes it is appropriate to leave the tariff and interest calculation as is, at least until a new rate plan is being considered by the Commission. The historical Weighted Cost Rate for Short-Term debt presented in Attachment SP-1, page 10 of 10, in Docket 3760, relates to pre-merger costs and, thus, would not be appropriate. To the extent the Division desires to consider other methods of calculating interest, the Company believes it would be best to consider any such changes at the time of the next rate plan filing, scheduled to occur during the summer of 2007.

Prepared by or under the supervision of:  
Peter Czekanski

Division Data Request 1-3

Request:

Re: Schedule PCC-4. Please:

- a. Provide the analyses and data upon which the Company relies to demonstrate that the “typical” usage levels represented for each rate class continue to be reasonably representative of “typical” use annual gas use for each class.
- b. Please provide average annual gas use per customer for each rate class and customer classification for each of the last five years in terms of both actual and weather-normalized gas volumes for those years.

Response:

- a. The “typical” usage levels represented for each rate class are those identified in the Company’s last rate case, Docket No. 3401. Although the Company has not undertaken a detailed analysis to update those usage levels, the Company’s bill impact analysis shows a broad range of usage levels above and below the “typical” usage levels. Please see Schedule PCC-4.
- b. The current rate classes were established on a statewide basis in July 2002 and the average annual gas use per customer since that time is as follows:

	<u>Average Dth per Customer for 12-mths ended</u>			
	Jun-03	Jun-04	Jun-05	Jun-06
<b>Actual</b>				
Res Non-Htg	19.8	19.4	19.5	19.1
Res Heating	112	106	102	91
Small	167	151	138	125
Medium	1,360	1,274	1,198	1,142
LLF Large	6,720	6,397	6,271	5,766
HLF Large	6,453	6,517	6,658	6,356
<b>Normal</b>				
Res Non-Htg	19.0	19.0	18.9	20.2
Res Heating	102	102	99	97
Small	152	144	134	134
Medium	1,270	1,245	1,167	1,192
LLF Large	6,174	6,214	6,168	6,284
HLF Large	6,216	6,444	6,819	6,555

Prepared by or under the supervision of:  
 Peter Czekanski

Division Data Request 1-4

Request:

Re: Schedule GLB-4. Please:

- a. Document all mandatory purchases of gas for December 2006 or for any other month that was delayed, deferred or not fully completed as a result of either Hurricane Katrina or Hurricane Rita.
- b. Detail by date of purchase each monthly purchase for December 2006 that was intended to make up for purchases foregone due to Hurricane Katrina.
- c. Explain why December 2006 is the only month within the 2006-07 GCR year for which gas purchases mandatory gas purchases were deferred as a result of either Hurricane Katrina or Hurricane Rita.
- d. Provide the Company's assessment of the impact on the monthly costs of gas for each month of the 2006-07 GCR year of decisions to defer mandatory purchases of gas due to the impacts of either Hurricane Katrina or Hurricane Rita.

Response:

- a. 2,943 Mmbtu per day was not purchased for the month of December 2006, 5,760 Mmbtu per day was not purchased for the month of January 2006, and 4,545 Mmbtu per day was not purchased for the month of February 2006 due to Hurricane Katrina. 5,605 Mmbtu per day was not purchased for the month of February 2006 and 5,380 Mmbtu per day was not purchased for the month of March 2006 due to Hurricane Rita. A portion of the purchases were made-up prior to the start of the delivery month - 4,000 Dt/day for January, 9,925 Dt/day for February and 7,000 Dt/day for March.
- b. See attached worksheets.
- c. December 2006 was the only month within the 2006-07 GCR year for which mandatory gas purchases were deferred because the mandatory monthly purchases of gas volumes for other months had been completed at the time Hurricane Katrina made landfall. Prices beyond the 2005/2006 winter did not react as strongly to the hurricanes and were consistent with oil pricing so mandatory purchases for the 2006/2007 GCR year were continued.
- d. The impact on the 2006-07 gas year is quite small because the make-up purchases were executed at prices which averaged close to those immediately following the hurricanes.

Prepared by or under the supervision of:  
Gary Beland

**National Grid - RI  
RIPUC Docket # 3766  
Issued September 22, 2006  
Division Data Request 1-4(b)**

	<b>Landfall</b>	<b>Jan-06</b>	<b>Feb-06</b>	<b>Mar-06</b>	<b>Dec-06</b>
<b>Hurricane 8/29/2005</b>		\$11.949	\$11.904	\$11.654	\$10.122
<b>Hurricane 9/24/2006</b>		\$13.472	\$13.352	\$12.977	\$11.021
<b>Contract expiration</b>		\$11.431	\$8.400	\$7.112	N/A

Division Data Request 1-5

Request:

Re: Schedule GLB-9. Please:

- a. Provide the date (day, month, and year) for each discretionary gas purchase listed on page 2-5 and for each mandatory gas purchase listed on pages 6-11;
- b. Discuss the criteria that the Company uses to determine when it will make discretionary gas purchases under the terms of the GPIP.

Response:

- a. See attached worksheet for the dates for each discretionary gas purchase listed on page 2-5 and for each mandatory gas purchase listed on pages 6-11.
- b. Discretionary purchases are primarily made based on the opportunity to purchase supplies at a price below the benchmark established through the mandatory purchases. As prices move below the benchmark the Company begins to make purchases. The quantity purchased is based on (1) the market conditions at the time and an expectation that the market will continue to decline or reverse course, (2) the amount of gas that can be purchased as a baseload supply without experiencing problems if demand is below normal expected levels. If only a limited amount of baseload supply can be purchased then the purchases will be limited in order to reserve some in case better opportunities arise at a later time.

Because of the extreme volatility in the market and its ability to run higher based on relatively minor events, an effort is made to put at least some purchases in place by gradually scaling in positions as the market moves progressively down.

Note that a portion of the discretionary purchases are made because there is an inability to do the exact mandatory quantity. These purchases are essentially rounding purchases to bring the quantity purchased up to a uniform daily level consistent with the supplier's policies or with the pipeline contract quantity being filled.

Prepared by or under the supervision of:  
Gary Beland



**National Grid - RI**  
**RIPUC Docket # 3766**  
**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Mandatory vs Discretionary Purchase Recap**

National Grid - Rhode Island

Month	Mandatory NYMEX	Discretionary NYMEX	Variance	Discretionary Volumes (Dt)	Gain/ (Loss)	Incentive* Level	Company Incentive
July-05	\$6.091	\$6.264	(\$0.173)	44,702	(\$7,719.88)	10%	(\$771.99)
August-05	\$6.222	\$6.361	(\$0.140)	11,966	(\$1,669.98)	10%	(\$167.00)
September-05	\$6.409	\$6.559	(\$0.150)	21,060	(\$3,162.58)	10%	(\$316.26)
October-05	\$6.516	\$6.566	(\$0.051)	76,167	(\$3,853.21)	10%	(\$385.32)
November-05	\$6.926	\$7.191	(\$0.265)	77,640	(\$20,542.48)	10%	(\$2,054.25)
December-05	\$7.719	\$7.551	\$0.169	89,435	\$15,110.58	10%	\$1,511.06
January-06	\$7.969	\$7.524	\$0.445	205,654	\$91,491.98	10%	\$9,149.20
February-06	\$8.478	\$7.667	\$0.811	163,072	\$132,286.39	20%	\$26,457.28
March-06	\$8.657	\$7.465	\$1.192	146,723	\$174,830.59	20%	\$34,966.12
April-06	\$7.347	\$6.743	\$0.604	69,570	\$42,049.61	20%	\$8,409.92
May-06	\$8.069	\$7.367	\$0.703	62,558	\$43,964.89	20%	\$8,792.98
June-06	\$8.094	\$7.125	\$0.970	149,280	\$144,784.71	20%	\$28,956.94
<b>Total #</b>	<b>\$7.607</b>	<b>\$7.259</b>	<b>\$0.544</b>	<b>1,117,827</b>	<b>\$607,570.61</b>		<b>\$114,548.68</b>

\* = Months where savings exceed 50 cents per Dt are subject to a 20% incentive.

# = Volume weighted averages.

**National Grid - RI**  
**RIPUC Docket # 3766**  
**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Discretionary Purchase Dates**

LOCK #	Month	Daily		Monthly Volumes	NYMEX Price	Cumulative	Source Date
		Purchased Volume	Days				
1	July, 2005	51	31	1,581	\$4.950	\$7,825.95	01/22/04
2	July, 2005	51	31	1,581	\$4.990	\$7,889.19	02/09/04
3	July, 2005	51	31	1,581	\$5.195	\$8,213.30	03/18/04
4	July, 2005	51	31	1,581	\$5.380	\$8,505.78	04/28/04
5	July, 2005	51	31	1,581	\$5.848	\$9,245.69	05/20/04
6	July, 2005	51	31	1,581	\$5.960	\$9,422.76	06/21/04
7	July, 2005	80	31	2,480	\$5.970	\$14,805.60	07/13/04
8	July, 2005	80	31	2,480	\$6.060	\$15,028.80	08/25/04
9	July, 2005	80	31	2,480	\$5.980	\$14,830.40	09/20/04
11	July, 2005	80	31	2,480	\$7.290	\$18,079.20	10/27/04
12	July, 2005	3	31	93	\$6.700	\$623.10	11/24/04
13	July, 2005	3	31	93	\$6.590	\$612.87	12/21/04
14	July, 2005	9	31	279	\$6.390	\$1,782.81	01/25/05
15	July, 2005	3	31	93	\$6.490	\$603.57	02/03/05
16	July, 2005	798	31	24,738	\$6.570	\$162,528.66	05/13/05
		<b>1,442</b>		<b>44,702</b>	<b>\$6.264</b>	<b>\$279,997.67</b>	
1	August, 2005	15	31	465	\$4.990	\$2,320.35	02/10/04
2	August, 2005	15	31	465	\$5.170	\$2,404.05	03/26/04
3	August, 2005	15	31	465	\$5.365	\$2,494.73	04/12/04
4	August, 2005	15	31	465	\$5.845	\$2,717.93	05/21/04
5	August, 2005	15	31	465	\$5.990	\$2,785.35	06/23/04
6	August, 2005	21	31	651	\$5.990	\$3,899.49	07/26/04
7	August, 2005	21	31	651	\$6.040	\$3,932.04	08/26/04
8	August, 2005	21	31	651	\$6.220	\$4,049.22	09/27/04
9	August, 2005	21	31	651	\$6.990	\$4,550.49	10/21/04
10	August, 2005	36	31	1,116	\$6.940	\$7,745.04	11/08/04
11	August, 2005	36	31	1,116	\$6.640	\$7,410.24	12/16/04
13	August, 2005	8	31	248	\$6.130	\$1,520.24	01/12/05
14	August, 2005	36	31	1,116	\$6.370	\$7,108.92	02/11/05
15	August, 2005	36	31	1,116	\$6.950	\$7,756.20	03/02/05
16	August, 2005	75	31	2,325	\$6.635	\$15,426.38	05/13/05
		<b>386</b>		<b>11,966</b>	<b>\$6.361</b>	<b>\$76,120.66</b>	
1	September, 2005	16	30	480	\$5.195	\$2,493.60	03/16/04
2	September, 2005	16	30	480	\$5.260	\$2,524.80	04/01/04
3	September, 2005	16	30	480	\$5.660	\$2,716.80	05/13/04
4	September, 2005	16	30	480	\$5.900	\$2,832.00	06/08/04
5	September, 2005	68	30	2,040	\$5.980	\$12,199.20	07/16/04
6	September, 2005	68	30	2,040	\$6.050	\$12,342.00	08/26/04
7	September, 2005	68	30	2,040	\$6.160	\$12,566.40	09/24/04
8	September, 2005	68	30	2,040	\$6.710	\$13,688.40	10/19/04
9	September, 2005	67	30	2,010	\$6.690	\$13,446.90	11/24/04
10	September, 2005	67	30	2,010	\$6.700	\$13,467.00	12/15/04

**National Grid - RI**  
**RIPUC Docket # 3766**  
**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Discretionary Purchase Dates**

LOCK #	Month	Daily		Monthly Volumes	NYMEX Price	Cumulative	Source Date
		Purchased Volume	Days				
12	September, 2005	1	30	30	\$6.430	\$192.90	01/28/05
13	September, 2005	67	30	2,010	\$6.810	\$13,688.10	02/24/05
14	September, 2005	67	30	2,010	\$7.380	\$14,833.80	03/16/05
15	September, 2005	94	30	2,820	\$7.290	\$20,557.80	04/18/05
17	September, 2005	3	30	90	\$6.440	\$579.60	05/31/05
		<b>702</b>		<b>21,060</b>	<b>\$6.559</b>	<b>\$138,129.30</b>	
1	October, 2005	94	31	2,914	\$5.340	\$15,560.76	04/23/04
2	October, 2005	94	31	2,914	\$5.420	\$15,793.88	05/05/04
3	October, 2005	94	31	2,914	\$5.990	\$17,454.86	06/28/04
4	October, 2005	93	31	2,883	\$5.990	\$17,269.17	07/28/04
5	October, 2005	93	31	2,883	\$6.100	\$17,586.30	08/27/04
6	October, 2005	93	31	2,883	\$6.390	\$18,422.37	09/30/04
8	October, 2005	93	31	2,883	\$7.100	\$20,469.30	10/25/04
10	October, 2005	1	31	31	\$6.700	\$207.70	11/16/04
12	October, 2005	1	31	31	\$6.350	\$196.85	12/27/04
13	October, 2005	3	31	93	\$6.510	\$605.43	01/26/05
14	October, 2005	1	31	31	\$6.290	\$194.99	02/07/05
15	October, 2005	1	31	31	\$7.590	\$235.29	03/18/05
16	October, 2005	41	31	1,271	\$7.340	\$9,329.14	04/15/05
17	October, 2005	41	31	1,271	\$6.840	\$8,693.64	05/03/05
18	October, 2005	1,714	31	53,134	\$6.740	358,123.16	05/13/05
		<b>2,457</b>		<b>76,167</b>	<b>\$6.566</b>	<b>\$500,142.84</b>	
1	November, 2005	59	30	1,770	\$5.935	\$10,504.95	05/17/04
2	November, 2005	59	30	1,770	\$6.195	\$10,965.15	06/25/04
3	November, 2005	32	30	960	\$6.200	\$5,952.00	07/23/04
4	November, 2005	732	30	21,960	\$6.330	\$139,006.80	08/24/04
5	November, 2005	32	30	960	\$6.350	\$6,096.00	09/23/04
6	November, 2005	32	30	960	\$6.990	\$6,710.40	10/15/04
8	November, 2005	34	30	1,020	\$6.890	\$7,027.80	11/18/04
10	November, 2005	34	30	1,020	\$6.650	\$6,783.00	12/03/04
11	November, 2005	2	30	60	\$6.550	\$393.00	01/11/05
12	November, 2005	34	30	1,020	\$6.690	\$6,823.80	02/17/05
14	November, 2005	1,334	30	40,020	\$7.770	\$310,955.40	03/28/05
15	November, 2005	68	30	2,040	\$7.750	\$15,810.00	04/18/05
16	November, 2005	68	30	2,040	\$7.350	\$14,994.00	05/09/05
26	November, 2005	68	30	2,040	\$7.978	16,274.10	06/27/05
		<b>2,588</b>		<b>77,640</b>	<b>\$7.191</b>	<b>\$558,296.40</b>	
1	December, 2005	16	31	496	\$6.280	\$3,114.88	06/29/04
2	December, 2005	6	31	186	\$6.410	\$1,192.26	07/12/04
3	December, 2005	806	31	24,986	\$6.500	\$162,409.00	08/31/04
4	December, 2005	6	31	186	\$6.655	\$1,237.83	09/27/04
5	December, 2005	6	31	186	\$7.890	\$1,467.54	10/28/04

**National Grid - RI**  
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**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Discretionary Purchase Dates**

LOCK #	Month	Daily		Monthly Volumes	NYMEX Price	Cumulative	Source Date
		Purchased Volume	Days				
7	December, 2005	91	31	2,821	\$7.240	\$20,424.04	11/17/04
9	December, 2005	91	31	2,821	\$6.990	\$19,718.79	12/02/04
10	December, 2005	73	31	2,263	\$7.080	\$16,022.04	01/31/05
11	December, 2005	91	31	2,821	\$6.950	\$19,605.95	02/07/05
12	December, 2005	1,591	31	49,321	\$8.150	\$401,966.15	03/24/05
13	December, 2005	27	31	837	\$8.490	\$7,106.13	04/05/05
14	December, 2005	27	31	837	\$7.730	\$6,470.01	05/06/05
23	December, 2005	27	31	837	\$8.510	7,122.87	06/27/05
28	December, 2005	27	31	837	\$8.870	7,424.19	07/29/05
		<b>2,885</b>		<b>89,435</b>	<b>\$7.551</b>	<b>\$675,281.68</b>	
1	January, 2006	843	31	26,133	\$6.630	\$173,261.79	07/30/04
2	January, 2006	843	31	26,133	\$6.670	\$174,307.11	08/23/04
3	January, 2006	843	31	26,133	\$6.990	\$182,669.67	09/30/04
4	January, 2006	843	31	26,133	\$8.030	\$209,847.99	10/29/04
5	January, 2006	486	31	15,066	\$7.490	\$112,844.34	11/24/04
6	January, 2006	786	31	24,366	\$7.190	\$175,191.54	12/30/04
8	January, 2006	58	31	1,798	\$6.990	\$12,568.02	01/12/05
10	January, 2006	86	31	2,666	\$7.910	\$21,088.06	02/28/05
11	January, 2006	1,686	31	52,266	\$8.470	\$442,693.02	03/21/05
12	January, 2006	40	31	1,240	\$8.590	\$10,651.60	04/08/05
13	January, 2006	40	31	1,240	\$7.990	\$9,907.60	05/12/05
22	January, 2006	40	31	1,240	\$8.790	10,899.60	06/27/05
28	January, 2006	40	31	1,240	\$9.205	11,414.20	07/29/05
		<b>6,634</b>		<b>205,654</b>	<b>\$7.524</b>	<b>\$1,547,344.54</b>	
1	February, 2006	777	28	21,756	\$6.555	\$142,610.58	08/18/04
2	February, 2006	777	28	21,756	\$6.660	\$144,894.96	09/23/04
3	February, 2006	777	28	21,756	\$7.900	\$171,872.40	10/26/04
4	February, 2006	439	28	12,292	\$7.670	\$94,279.64	11/29/04
5	February, 2006	1,139	28	31,892	\$7.160	\$228,346.72	12/29/04
6	February, 2006	17	28	476	\$7.420	\$3,531.92	01/26/05
8	February, 2006	39	28	1,092	\$7.900	\$8,626.80	02/28/05
10	February, 2006	1,639	28	45,892	\$8.780	\$402,931.76	03/31/05
11	February, 2006	55	28	1,540	\$8.450	\$13,013.00	04/26/05
12	February, 2006	55	28	1,540	\$7.950	\$12,243.00	05/13/05
20	February, 2006	55	28	1,540	\$8.860	13,644.40	06/27/05
26	February, 2006	55	28	1,540	\$9.270	14,275.80	07/29/05
		<b>5,824</b>		<b>163,072</b>	<b>\$7.667</b>	<b>\$1,250,270.98</b>	
1	March, 2006	817	31	25,327	\$6.420	\$162,599.34	09/21/04
2	March, 2006	817	31	25,327	\$7.230	\$183,114.21	10/23/04
3	March, 2006	427	31	13,237	\$7.490	\$99,145.13	11/29/04
4	March, 2006	727	31	22,537	\$7.030	\$158,435.11	12/27/04
6	March, 2006	81	31	2,511	\$6.900	\$17,325.90	01/11/05

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LOCK #	Month	Daily		Monthly Volumes	NYMEX Price	Cumulative	Source Date
		Purchased Volume	Days				
8	March, 2006	27	31	837	\$7.710	\$6,453.27	02/28/05
9	March, 2006	1,527	31	47,337	\$7.990	\$378,222.63	03/16/05
10	March, 2006	58	31	1,798	\$8.180	\$14,707.64	04/21/05
11	March, 2006	58	31	1,798	\$7.740	\$13,916.52	05/16/05
18	March, 2006	58	31	1,798	\$8.770	15,768.46	06/27/05
23	March, 2006	58	31	1,798	\$9.070	16,307.86	07/29/05
27	March, 2006	58	31	1,798	\$11.990	21,558.02	08/30/05
28	March, 2006	20	31	620	\$12.480	7,737.60	10/31/05
		<b>4,733</b>		<b>146,723</b>	<b>\$7.465</b>	<b>\$1,095,291.69</b>	
1	April, 2006	99	30	2,970	\$5.970	\$17,730.90	10/04/04
2	April, 2006	42	30	1,260	\$6.380	\$8,038.80	11/16/04
3	April, 2006	642	30	19,260	\$6.180	\$119,026.80	12/22/04
5	April, 2006	25	30	750	\$6.200	\$4,650.00	01/27/05
6	April, 2006	75	30	2,250	\$6.250	\$14,062.50	02/17/05
7	April, 2006	75	30	2,250	\$6.630	\$14,917.50	03/03/05
8	April, 2006	71	30	2,130	\$7.250	\$15,442.50	04/26/05
9	April, 2006	71	30	2,130	\$6.885	\$14,665.05	05/11/05
10	April, 2006	38	30	1,140	\$7.750	8,835.00	06/21/05
14	April, 2006	38	30	1,140	\$7.660	8,732.40	07/25/05
17	April, 2006	38	30	1,140	\$8.550	9,747.00	08/18/05
19	April, 2006	35	30	1,050	\$9.590	10,069.50	09/13/05
21	April, 2006	35	30	1,050	\$10.880	11,424.00	10/26/05
22	April, 2006	35	30	1,050	\$9.700	10,185.00	11/07/05
23	April, 2006	1,000	30	30,000	\$6.720	201,600.00	02/28/06
		<b>2,319</b>		<b>69,570</b>	<b>\$6.743</b>	<b>\$469,126.95</b>	
1	May, 2006	3	31	93	\$6.370	\$592.41	11/04/04
2	May, 2006	403	31	12,493	\$5.980	\$74,708.14	12/08/04
3	May, 2006	0	31	0	\$5.900	\$0.00	01/11/05
4	May, 2006	0	31	0	\$5.990	\$0.00	02/08/05
5	May, 2006	0	31	0	\$6.990	\$0.00	03/21/05
6	May, 2006	40	31	1,240	\$6.790	\$8,419.60	04/28/05
8	May, 2006	40	31	1,240	\$6.690	\$8,295.60	05/12/05
9	May, 2006	80	31	2,480	\$7.590	18,823.20	06/21/05
10	May, 2006	80	31	2,480	\$7.590	18,823.20	07/19/05
12	May, 2006	80	31	2,480	\$8.350	20,708.00	08/18/05
15	May, 2006	73	31	2,263	\$10.850	24,553.55	09/29/05
19	May, 2006	73	31	2,263	\$10.450	23,648.35	10/27/05
20	May, 2006	73	31	2,263	\$9.950	22,516.85	11/28/05
21	May, 2006	73	31	2,263	\$10.190	23,059.97	12/27/05
22	May, 2006	1,000	31	31,000	\$6.990	216,690.00	02/27/06
		<b>2,018</b>		<b>62,558</b>	<b>\$7.367</b>	<b>\$460,838.87</b>	
1	June, 2006	287	30	8,610	\$6.220	\$53,554.20	12/20/04

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LOCK #	Month	Daily Purchased Volume	Days	Monthly Volumes	NYMEX Price	Cumulative	Source Date
2	June, 2006	24	30	720	\$5.900	\$4,248.00	01/12/05
3	June, 2006	8	30	240	\$6.090	\$1,461.60	02/10/05
4	June, 2006	8	30	240	\$7.020	\$1,684.80	03/18/05
5	June, 2006	71	30	2,130	\$6.990	\$14,888.70	04/18/05
6	June, 2006	71	30	2,130	\$6.830	\$14,547.90	05/10/05
8	June, 2006	84	30	2,520	\$7.520	18,950.40	06/29/05
9	June, 2006	84	30	2,520	\$7.770	19,580.40	07/07/05
10	June, 2006	84	30	2,520	\$8.570	21,596.40	08/15/05
11	June, 2006	51	30	1,530	\$9.990	15,284.70	09/26/05
12	June, 2006	51	30	1,530	\$10.750	16,447.50	10/26/05
13	June, 2006	51	30	1,530	\$9.990	15,284.70	11/02/05
14	June, 2006	51	30	1,530	\$10.850	16,600.50	12/15/05
15	June, 2006	51	30	1,530	\$9.890	15,131.70	01/04/06
16	June, 2006	1,000	30	30,000	\$7.650	229,500.00	02/23/06
17	June, 2006	1,000	30	30,000	\$7.180	215,400.00	02/27/06
18	June, 2006	1,000	30	30,000	\$6.990	209,700.00	04/27/06
19	June, 2006	1,000	30	30,000	\$5.990	179,700.00	05/18/06
		<b>4,976</b>		<b>149,280</b>	<b>\$7.125</b>	<b>\$1,063,561.50</b>	
		<b>36,964</b>		<b>1,117,827</b>	<b>\$7.259</b>	<b>\$8,114,403.08</b>	

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**Mandatory Purchase Dates**

LOCK #	Month	Daily Purchased Volume	Days	Monthly Volumes	NYMEX Price	Cumulative	Source Date
1	July, 2005	1,649	31	51,119	\$4.950	\$253,039.05	01/22/04
2	July, 2005	1,649	31	51,119	\$4.990	\$255,083.81	02/09/04
3	July, 2005	1,649	31	51,119	\$5.195	\$265,563.21	03/18/04
4	July, 2005	1,649	31	51,119	\$5.380	\$275,020.22	04/28/04
5	July, 2005	1,649	31	51,119	\$5.848	\$298,943.91	05/20/04
6	July, 2005	1,649	31	51,119	\$5.960	\$304,669.24	06/21/04
7	July, 2005	1,420	31	44,020	\$5.970	\$262,799.40	07/13/04
8	July, 2005	1,420	31	44,020	\$6.060	266,761.20	08/25/04
9	July, 2005	1,420	31	44,020	\$5.980	263,239.60	09/20/04
10	July, 2005	300	31	9,300	\$6.570	61,101.00	10/06/04
11	July, 2005	1,120	31	34,720	\$7.290	253,108.80	10/27/04
12	July, 2005	1,297	31	40,207	\$6.700	269,386.90	11/24/04
13	July, 2005	1,297	31	40,207	\$6.590	264,964.13	12/21/04
14	July, 2005	3,891	31	120,621	\$6.390	\$770,768.19	01/25/05
15	July, 2005	1,297	31	40,207	\$6.490	260,943.43	02/03/05
16	July, 2005	5,702	31	176,762	\$6.570	1,161,326.34	05/13/05
		<b>29,058</b>		<b>900,798</b>	<b>\$6.091</b>	<b>\$5,486,718.43</b>	
1	August, 2005	1,485	31	46,035	\$4.990	\$229,714.65	02/10/04
2	August, 2005	1,485	31	46,035	\$5.170	\$238,000.95	03/26/04
3	August, 2005	1,485	31	46,035	\$5.365	\$246,977.78	04/12/04
4	August, 2005	1,485	31	46,035	\$5.845	\$269,074.58	05/21/04
5	August, 2005	1,485	31	46,035	\$5.990	\$275,749.65	06/23/04
6	August, 2005	1,279	31	39,649	\$5.990	\$237,497.51	07/26/04
7	August, 2005	1,279	31	39,649	\$6.040	239,479.96	08/26/04
8	August, 2005	1,279	31	39,649	\$6.220	246,616.78	09/27/04
9	August, 2005	1,279	31	39,649	\$6.990	277,146.51	10/21/04
10	August, 2005	1,264	31	39,184	\$6.940	271,936.96	11/08/04
11	August, 2005	1,264	31	39,184	\$6.640	260,181.76	12/16/04
12	August, 2005	1,000	31	31,000	\$6.190	\$191,890.00	01/11/05
13	August, 2005	2,792	31	86,552	\$6.130	\$530,563.76	01/12/05
14	August, 2005	1,264	31	39,184	\$6.370	249,602.08	02/11/05
15	August, 2005	1,264	31	39,184	\$6.950	272,328.80	03/02/05
16	August, 2005	6,925	31	214,675	\$6.635	1,424,368.63	05/13/05
		<b>28,314</b>		<b>877,734</b>	<b>\$6.222</b>	<b>\$5,461,130.35</b>	
1	September, 2005	1,384	30	41,520	\$5.195	\$215,696.40	03/16/04
2	September, 2005	1,384	30	41,520	\$5.260	\$218,395.20	04/01/04
3	September, 2005	1,384	30	41,520	\$5.660	\$235,003.20	05/13/04
4	September, 2005	1,384	30	41,520	\$5.900	\$244,968.00	06/08/04
5	September, 2005	1,332	30	39,960	\$5.980	\$238,960.80	07/16/04
6	September, 2005	1,332	30	39,960	\$6.050	241,758.00	08/26/04
7	September, 2005	1,332	30	39,960	\$6.160	246,153.60	09/24/04
8	September, 2005	1,332	30	39,960	\$6.710	268,131.60	10/19/04
9	September, 2005	1,433	30	42,990	\$6.690	287,603.10	11/24/04
10	September, 2005	1,433	30	42,990	\$6.700	288,033.00	12/15/04
11	September, 2005	2,200	30	66,000	\$5.990	395,340.00	01/06/05
12	September, 2005	2,099	30	62,970	\$6.430	404,897.10	01/28/05
13	September, 2005	1,433	30	42,990	\$6.810	292,761.90	02/24/05
14	September, 2005	1,433	30	42,990	\$7.360	317,266.20	03/16/05
15	September, 2005	2,006	30	60,180	\$7.290	438,712.20	04/18/05
16	September, 2005	8,600	30	258,000	\$6.675	1,722,150.00	05/13/05
17	September, 2005	597	30	17,910	\$6.440	115,340.40	05/31/05
		<b>32,098</b>		<b>962,940</b>	<b>\$6.409</b>	<b>\$6,171,170.70</b>	
1	October, 2005	2,006	31	62,186	\$5.340	\$332,073.24	04/23/04
2	October, 2005	2,006	31	62,186	\$5.420	\$337,048.12	05/05/04
3	October, 2005	2,006	31	62,186	\$5.990	\$372,494.14	06/28/04
4	October, 2005	2,207	31	68,417	\$5.990	\$409,817.83	07/28/04
5	October, 2005	2,207	31	68,417	\$6.100	417,343.70	08/27/04
6	October, 2005	2,207	31	68,417	\$6.390	437,184.63	09/30/04
7	October, 2005	500	31	15,500	\$6.560	101,680.00	10/06/04
8	October, 2005	1,707	31	52,917	\$7.100	375,710.70	10/25/04
9	October, 2005	1,300	31	40,300	\$6.740	271,622.00	11/09/04
10	October, 2005	999	31	30,969	\$6.700	207,492.30	11/16/04
11	October, 2005	1,300	31	40,300	\$6.390	257,517.00	12/02/04
12	October, 2005	999	31	30,969	\$6.350	196,653.15	12/27/04
13	October, 2005	6,897	31	213,807	\$6.510	\$1,391,883.57	01/26/05

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14	October, 2005	2,299	31	71,269	\$6.290	448,282.01	02/07/05
15	October, 2005	2,299	31	71,269	\$7.590	540,931.71	03/18/05
16	October, 2005	2,759	31	85,529	\$7.340	627,782.86	04/15/05
17	October, 2005	2,759	31	85,529	\$6.840	585,018.36	05/03/05
18	October, 2005	7,686	31	238,266	\$6.740	1,605,912.84	05/13/05
		<b>44,143</b>		<b>1,368,433</b>	<b>\$6.516</b>	<b>\$8,916,448.16</b>	
1	November, 2005	3,041	30	91,230	\$5.935	\$541,450.05	05/17/04
2	November, 2005	3,041	30	91,230	\$6.195	\$565,169.85	06/25/04
3	November, 2005	3,168	30	95,040	\$6.200	\$589,248.00	07/23/04
4	November, 2005	3,168	30	95,040	\$6.330	601,603.20	08/24/04
5	November, 2005	3,168	30	95,040	\$6.350	603,504.00	09/23/04
6	November, 2005	3,168	30	95,040	\$6.990	664,329.60	10/15/04
7	November, 2005	1,700	30	51,000	\$6.930	353,430.00	11/15/04
8	November, 2005	1,466	30	43,980	\$6.890	303,022.20	11/18/04
9	November, 2005	1,200	30	36,000	\$6.990	251,640.00	12/01/04
10	November, 2005	1,966	30	58,980	\$6.650	392,217.00	12/03/04
11	November, 2005	9,498	30	284,940	\$6.550	\$1,866,357.00	01/11/05
12	November, 2005	3,166	30	94,980	\$6.690	635,416.20	02/17/05
13	November, 2005	2,500	30	75,000	\$7.380	553,500.00	03/11/05
14	November, 2005	666	30	19,980	\$7.770	155,244.60	03/28/05
15	November, 2005	4,432	30	132,960	\$7.750	1,030,440.00	04/18/05
16	November, 2005	4,432	30	132,960	\$7.350	977,256.00	05/09/05
17	November, 2005	1,000	30	30,000	\$7.150	214,500.00	05/17/05
18	November, 2005	5,000	30	150,000	\$7.170	1,075,500.00	05/17/05
19	November, 2005	3,000	30	90,000	\$7.150	643,500.00	05/17/05
20	November, 2005	1,000	30	30,000	\$7.285	218,550.00	05/18/05
21	November, 2005	2,500	30	75,000	\$7.150	536,250.00	05/18/05
22	November, 2005	3,000	30	90,000	\$7.110	639,900.00	05/19/05
23	November, 2005	1,000	30	30,000	\$8.130	243,900.00	06/24/05
24	November, 2005	1,000	30	30,000	\$8.090	242,700.00	06/24/05
25	November, 2005	1,500	30	45,000	\$8.080	363,600.00	06/24/05
26	November, 2005	932	30	27,960	\$7.978	223,050.90	06/27/05
		<b>68,712</b>		<b>2,091,360</b>	<b>\$6.926</b>	<b>\$14,485,278.60</b>	
1	December, 2005	3,584	31	111,104	\$6.280	\$697,733.12	06/29/04
2	December, 2005	3,894	31	120,714	\$6.410	\$773,776.74	07/12/04
3	December, 2005	3,894	31	120,714	\$6.500	784,641.00	08/31/04
4	December, 2005	3,894	31	120,714	\$6.655	803,351.67	09/27/04
5	December, 2005	3,894	31	120,714	\$7.890	952,433.46	10/28/04
6	December, 2005	1,200	31	37,200	\$7.280	270,816.00	11/16/04
7	December, 2005	2,709	31	83,979	\$7.240	608,007.96	11/17/04
8	December, 2005	2,000	31	62,000	\$7.190	445,780.00	12/02/04
9	December, 2005	1,909	31	59,179	\$6.990	413,661.21	12/02/04
10	December, 2005	11,727	31	363,537	\$7.080	2,573,841.96	01/31/05
11	December, 2005	3,909	31	121,179	\$6.950	842,194.05	02/07/05
12	December, 2005	3,909	31	121,179	\$8.150	987,608.85	03/24/05
13	December, 2005	5,473	31	169,663	\$8.490	1,440,438.87	04/05/05
14	December, 2005	5,473	31	169,663	\$7.730	1,311,494.99	05/06/05
15	December, 2005	1,000	31	31,000	\$7.610	235,910.00	05/17/05
16	December, 2005	5,000	31	155,000	\$7.620	1,181,100.00	05/17/05
17	December, 2005	1,000	31	31,000	\$7.730	239,630.00	05/18/05
18	December, 2005	2,400	31	74,400	\$7.610	566,184.00	05/18/05
19	December, 2005	3,000	31	93,000	\$7.580	704,940.00	05/19/05
20	December, 2005	2,500	31	77,500	\$8.585	665,337.50	06/23/05
21	December, 2005	1,000	31	31,000	\$8.630	267,530.00	06/24/05
22	December, 2005	1,000	31	31,000	\$8.600	266,600.00	06/24/05
23	December, 2005	973	31	30,163	\$8.510	256,687.13	06/27/05
24	December, 2005	1,000	31	31,000	\$8.460	262,260.00	07/25/05
25	December, 2005	1,000	31	31,000	\$8.490	263,190.00	07/25/05
26	December, 2005	1,000	31	31,000	\$8.700	269,700.00	07/28/05
27	December, 2005	1,000	31	31,000	\$8.670	268,770.00	07/28/05
28	December, 2005	1,473	31	45,663	\$8.870	405,030.81	07/29/05
29	December, 2005	1,000	31	31,000	\$11.750	364,250.00	11/02/05
30	December, 2005	1,000	31	31,000	\$11.590	359,290.00	11/03/05
31	December, 2005	1,000	31	31,000	\$11.590	359,290.00	11/03/05
32	December, 2005	1,000	31	31,000	\$11.330	351,230.00	11/04/05



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33	December, 2005	1,000	31	31,000	\$11.070	343,170.00	11/07/05
		<b>85,815</b>		<b>2,660,265</b>	<b>\$7.719</b>	<b>\$20,535,879.32</b>	
1	January, 2006	4,057	31	125,767	\$6.630	\$833,835.21	07/30/04
2	January, 2006	4,057	31	125,767	\$6.670	838,865.89	08/23/04
3	January, 2006	4,057	31	125,767	\$6.990	879,111.33	09/30/04
4	January, 2006	4,057	31	125,767	\$8.030	1,009,909.01	10/29/04
5	January, 2006	4,114	31	127,534	\$7.490	955,229.66	11/24/04
6	January, 2006	4,114	31	127,534	\$7.190	916,969.46	12/30/04
7	January, 2006	300	31	9,300	\$7.150	\$66,495.00	01/11/05
8	January, 2006	12,042	31	373,302	\$6.990	\$2,609,380.98	01/12/05
9	January, 2006	2,000	31	62,000	\$7.690	476,780.00	02/24/05
10	January, 2006	2,114	31	65,534	\$7.910	518,373.94	02/28/05
11	January, 2006	4,114	31	127,534	\$8.470	1,080,212.98	03/21/05
12	January, 2006	5,760	31	178,560	\$8.590	1,533,830.40	04/08/05
13	January, 2006	5,760	31	178,560	\$7.990	1,426,694.40	05/12/05
14	January, 2006	1,000	31	31,000	\$7.910	245,210.00	05/17/05
15	January, 2006	5,000	31	155,000	\$7.890	1,222,950.00	05/17/05
16	January, 2006	1,000	31	31,000	\$8.015	248,465.00	05/18/05
17	January, 2006	2,300	31	71,300	\$7.890	562,557.00	05/18/05
18	January, 2006	1,800	31	55,800	\$8.885	495,783.00	06/22/05
19	January, 2006	1,000	31	31,000	\$8.980	278,380.00	06/24/05
20	January, 2006	1,000	31	31,000	\$8.950	277,450.00	06/24/05
21	January, 2006	1,000	31	31,000	\$8.840	274,040.00	06/27/05
22	January, 2006	960	31	29,760	\$8.790	261,590.40	06/27/05
23	January, 2006	1,000	31	31,000	\$8.950	277,450.00	07/11/05
24	January, 2006	1,000	31	31,000	\$8.990	278,690.00	07/21/05
25	January, 2006	1,000	31	31,000	\$8.890	275,590.00	07/21/05
26	January, 2006	1,000	31	31,000	\$8.850	274,350.00	07/25/05
27	January, 2006	800	31	24,800	\$9.060	224,688.00	07/28/05
28	January, 2006	960	31	29,760	\$9.205	273,940.80	07/29/05
29	January, 2006	1,000	31	31,000	\$12.250	379,750.00	11/02/05
30	January, 2006	1,000	31	31,000	\$11.935	369,985.00	11/04/05
31	January, 2006	1,000	31	31,000	\$11.750	364,250.00	11/07/05
32	January, 2006	1,000	31	31,000	\$11.920	369,520.00	11/10/05
		<b>81,366</b>		<b>2,522,346</b>	<b>\$7.969</b>	<b>\$20,100,327.46</b>	
1	February, 2006	4,223	28	118,244	\$6.555	775,089.42	08/18/04
2	February, 2006	4,223	28	118,244	\$6.660	787,505.04	09/23/04
3	February, 2006	4,223	28	118,244	\$7.900	934,127.60	10/26/04
4	February, 2006	3,961	28	110,908	\$7.670	850,664.36	11/29/04
5	February, 2006	3,961	28	110,908	\$7.160	794,101.28	12/29/04
6	February, 2006	11,883	28	332,724	\$7.420	\$2,468,812.08	01/26/05
7	February, 2006	2,000	28	56,000	\$7.670	429,520.00	02/25/05
8	February, 2006	1,961	28	54,908	\$7.900	433,773.20	02/28/05
9	February, 2006	2,000	28	56,000	\$7.950	445,200.00	03/03/05
10	February, 2006	1,961	28	54,908	\$8.780	482,092.24	03/31/05
11	February, 2006	5,545	28	155,260	\$8.450	1,311,947.00	04/26/05
12	February, 2006	5,545	28	155,260	\$7.950	1,234,317.00	05/13/05
13	February, 2006	1,000	28	28,000	\$7.895	221,060.00	05/17/05
14	February, 2006	3,000	28	84,000	\$7.880	661,920.00	05/17/05
15	February, 2006	1,000	28	28,000	\$8.009	224,252.00	05/18/05
16	February, 2006	1,200	28	33,600	\$7.890	265,104.00	05/18/05
17	February, 2006	2,600	28	72,800	\$8.940	650,832.00	06/23/05
18	February, 2006	1,000	28	28,000	\$9.000	252,000.00	06/24/05
19	February, 2006	1,000	28	28,000	\$8.960	250,880.00	06/24/05
20	February, 2006	945	28	26,460	\$8.860	234,435.60	06/27/05
21	February, 2006	1,000	28	28,000	\$8.990	251,720.00	07/07/05
22	February, 2006	1,000	28	28,000	\$8.990	251,720.00	07/21/05
23	February, 2006	1,000	28	28,000	\$8.850	247,800.00	07/25/05
24	February, 2006	1,000	28	28,000	\$8.850	247,800.00	07/25/05
25	February, 2006	600	28	16,800	\$9.060	152,208.00	07/28/05
26	February, 2006	945	28	26,460	\$9.270	245,284.20	07/29/05
27	February, 2006	1,000	28	28,000	\$9.990	279,720.00	08/18/05
28	February, 2006	1,000	28	28,000	\$12.200	341,600.00	11/02/05
29	February, 2006	1,000	28	28,000	\$11.900	333,200.00	11/04/05
30	February, 2006	1,000	28	28,000	\$11.720	328,160.00	11/07/05

**National Grid - RI**  
**RIPUC Docket # 3786**  
**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Mandatory Purchase Dates**

LOCK #	Month	Daily Purchased Volume	Days	Monthly Volumes	NYMEX Price	Cumulative	Source Date
31	February, 2006	1,000	28	28,000	\$11.960	334,880.00	11/10/05
32	February, 2006	1,000	28	28,000	\$11.770	329,560.00	11/10/05
33	February, 2006	1,000	28	28,000	\$12.330	345,240.00	12/23/05
34	February, 2006	2,000	28	56,000	\$11.990	671,440.00	12/27/05
35	February, 2006	2,000	28	56,000	\$11.250	630,000.00	12/28/05
36	February, 2006	2,000	28	56,000	\$10.250	574,000.00	01/04/06
37	February, 2006	2,000	28	56,000	\$9.890	553,840.00	01/05/06
38	February, 2006	1,000	28	28,000	\$9.590	268,520.00	01/05/06
39	February, 2006	1,000	28	28,000	\$9.250	259,000.00	01/09/06
40	February, 2006	1,000	28	28,000	\$8.800	246,400.00	01/18/06
		<b>86,776</b>		<b>2,429,728</b>	<b>\$8.478</b>	<b>20,599,725.02</b>	
1	March, 2006	3,783	31	117,273	\$6.420	752,892.66	09/21/04
2	March, 2006	3,783	31	117,273	\$7.230	847,883.79	10/23/04
3	March, 2006	3,673	31	113,863	\$7.490	852,833.87	11/29/04
4	March, 2006	3,673	31	113,863	\$7.030	800,456.89	12/27/04
5	March, 2006	1,700	31	52,700	\$6.940	\$365,738.00	01/11/05
6	March, 2006	9,319	31	288,889	\$6.900	\$1,993,334.10	01/11/05
7	March, 2006	1,700	31	52,700	\$7.490	394,723.00	02/25/05
8	March, 2006	1,973	31	61,163	\$7.710	471,566.73	02/28/05
9	March, 2006	3,673	31	113,863	\$7.990	909,765.37	03/16/05
10	March, 2006	5,142	31	159,402	\$8.180	1,303,908.36	04/21/05
11	March, 2006	5,142	31	159,402	\$7.740	1,233,771.48	05/16/05
12	March, 2006	1,000	31	31,000	\$7.710	239,010.00	05/17/05
13	March, 2006	1,100	31	34,100	\$7.740	263,934.00	05/17/05
14	March, 2006	1,000	31	31,000	\$7.859	243,629.00	05/18/05
15	March, 2006	2,200	31	68,200	\$8.780	598,796.00	06/22/05
16	March, 2006	1,000	31	31,000	\$8.890	275,590.00	06/24/05
17	March, 2006	1,000	31	31,000	\$8.850	274,350.00	06/24/05
18	March, 2006	942	31	29,202	\$8.770	256,101.54	06/27/05
19	March, 2006	1,000	31	31,000	\$8.965	277,915.00	07/07/05
20	March, 2006	1,200	31	37,200	\$8.940	332,568.00	07/18/05
21	March, 2006	1,000	31	31,000	\$8.880	275,280.00	07/20/05
22	March, 2006	1,000	31	31,000	\$8.700	269,700.00	07/25/05
23	March, 2006	942	31	29,202	\$9.070	264,862.14	07/29/05
24	March, 2006	1,000	31	31,000	\$9.910	307,210.00	08/18/05
25	March, 2006	2,000	31	62,000	\$9.910	614,420.00	08/18/05
26	March, 2006	1,100	31	34,100	\$10.490	357,709.00	08/25/05
27	March, 2006	1,042	31	32,302	\$11.990	387,300.98	08/30/05
28	March, 2006	5,380	31	166,780	\$12.480	2,081,414.40	10/31/05
29	March, 2006	2,000	31	62,000	\$11.930	739,660.00	11/01/05
30	March, 2006	1,000	31	31,000	\$11.900	368,900.00	11/02/05
31	March, 2006	1,000	31	31,000	\$11.450	354,950.00	11/07/05
32	March, 2006	1,000	31	31,000	\$11.750	364,250.00	11/10/05
33	March, 2006	1,000	31	31,000	\$11.990	371,690.00	12/27/05
34	March, 2006	1,000	31	31,000	\$11.250	348,750.00	12/28/05
35	March, 2006	1,000	31	31,000	\$10.350	320,850.00	01/04/06
36	March, 2006	2,000	31	62,000	\$9.990	619,380.00	01/04/06
37	March, 2006	1,000	31	31,000	\$9.690	300,390.00	01/05/06
38	March, 2006	1,000	31	31,000	\$9.350	289,850.00	01/09/06
		<b>79,467</b>		<b>2,463,477</b>	<b>\$8.657</b>	<b>21,325,334.31</b>	
1	April, 2006	2,801	30	84,030	\$5.970	501,659.10	10/04/04
2	April, 2006	3,058	30	91,740	\$6.380	585,301.20	11/16/04
3	April, 2006	3,058	30	91,740	\$6.180	566,953.20	12/22/04
4	April, 2006	5,300	30	159,000	\$5.990	952,410.00	01/07/05
5	April, 2006	3,775	30	113,250	\$6.200	702,150.00	01/27/05
6	April, 2006	3,025	30	90,750	\$6.250	567,187.50	02/17/05
7	April, 2006	3,025	30	90,750	\$6.630	601,672.50	03/03/05
8	April, 2006	3,629	30	108,870	\$7.250	789,307.50	04/26/05
9	April, 2006	3,629	30	108,870	\$6.885	749,569.95	05/11/05
10	April, 2006	4,462	30	133,860	\$7.750	1,037,415.00	06/21/05
11	April, 2006	1,500	30	45,000	\$7.930	356,850.00	07/07/05
12	April, 2006	1,000	30	30,000	\$7.830	234,900.00	07/11/05
13	April, 2006	1,000	30	30,000	\$7.750	232,500.00	07/21/05
14	April, 2006	962	30	28,860	\$7.660	221,067.60	07/25/05
15	April, 2006	1,500	30	45,000	\$8.750	393,750.00	08/17/05

**National Grid - RI**  
**RIPUC Docket # 3766**  
**Issued September 22, 2006**  
**Division Data Request 1-5(a)**  
**Gas Procurement Incentive Program Worksheet - June 2006**  
**Mandatory Purchase Dates**

LOCK #	Month	Daily		Monthly Volumes	NYMEX Price	Cumulative	Source Date
		Purchased Volume	Days				
16	April, 2006	1,500	30	45,000	\$8.690	391,050.00	08/17/05
17	April, 2006	1,462	30	43,860	\$8.550	375,003.00	08/18/05
18	April, 2006	1,500	30	45,000	\$9.650	434,250.00	09/12/05
19	April, 2006	965	30	28,950	\$9.590	277,630.50	09/13/05
20	April, 2006	1,500	30	45,000	\$10.600	477,000.00	10/20/05
21	April, 2006	965	30	28,950	\$10.880	314,976.00	10/26/05
22	April, 2006	2,465	30	73,950	\$9.700	717,315.00	11/07/05
		<b>52,081</b>		<b>1,562,430</b>	<b>\$7.347</b>	<b>11,479,918.05</b>	
1	May, 2006	1,897	31	58,807	\$6.370	374,600.59	11/04/04
2	May, 2006	1,897	31	58,807	\$5.980	351,665.86	12/08/04
3	May, 2006	5,700	31	176,700	\$5.900	\$1,042,530.00	01/11/05
4	May, 2006	1,900	31	58,900	\$5.990	352,811.00	02/08/05
5	May, 2006	1,900	31	58,900	\$6.990	411,711.00	03/21/05
6	May, 2006	2,660	31	82,460	\$6.790	559,903.40	04/28/05
7	May, 2006	1,300	31	40,300	\$6.730	271,219.00	05/09/05
8	May, 2006	1,360	31	42,160	\$6.690	282,050.40	05/12/05
9	May, 2006	3,420	31	106,020	\$7.590	804,691.80	06/21/05
10	May, 2006	3,420	31	106,020	\$7.590	804,691.80	07/19/05
11	May, 2006	1,500	31	46,500	\$8.570	398,505.00	08/17/05
12	May, 2006	1,920	31	59,520	\$8.350	496,992.00	08/18/05
13	May, 2006	1,400	31	43,400	\$9.250	401,450.00	09/13/05
14	May, 2006	1,000	31	31,000	\$10.350	320,850.00	09/27/05
15	May, 2006	1,727	31	53,537	\$10.850	580,876.45	09/29/05
16	May, 2006	1,000	31	31,000	\$10.300	319,300.00	10/06/05
17	May, 2006	1,000	31	31,000	\$10.250	317,750.00	10/13/05
18	May, 2006	1,000	31	31,000	\$10.290	318,990.00	10/20/05
19	May, 2006	1,127	31	34,937	\$10.450	365,091.65	10/27/05
20	May, 2006	4,127	31	127,937	\$9.950	1,272,973.15	11/28/05
21	May, 2006	4,127	31	127,937	\$10.190	1,303,678.03	12/27/05
		<b>45,382</b>		<b>1,406,842</b>	<b>\$8.069</b>	<b>11,352,331.13</b>	
1	June, 2006	1,513	30	45,390	\$6.220	282,325.80	12/20/04
2	June, 2006	4,776	30	143,280	\$5.900	\$845,352.00	01/12/05
3	June, 2006	1,592	30	47,760	\$6.090	290,858.40	02/10/05
4	June, 2006	1,592	30	47,760	\$7.020	335,275.20	03/18/05
5	June, 2006	2,229	30	66,870	\$6.990	467,421.30	04/18/05
6	June, 2006	2,229	30	66,870	\$6.830	456,722.10	05/10/05
7	June, 2006	600	30	18,000	\$7.380	132,840.00	06/14/05
8	June, 2006	2,116	30	63,480	\$7.520	477,369.60	06/29/05
9	June, 2006	2,716	30	81,480	\$7.770	633,099.60	07/07/05
10	June, 2006	2,716	30	81,480	\$8.570	698,283.60	08/15/05
11	June, 2006	2,249	30	67,470	\$9.990	674,025.30	09/26/05
12	June, 2006	2,249	30	67,470	\$10.750	725,302.50	10/26/05
13	June, 2006	2,249	30	67,470	\$9.990	674,025.30	11/02/05
14	June, 2006	2,249	30	67,470	\$10.850	732,049.50	12/15/05
15	June, 2006	2,249	30	67,470	\$9.890	667,278.30	01/04/06
		<b>33,324</b>		<b>999,720</b>	<b>\$8.094</b>	<b>8,092,228.50</b>	
<b>Totals</b>		<b>667,536</b>		<b>20,246,073</b>	<b>\$7.607</b>	<b>154,006,490.02</b>	

Division Data Request 1-6

Request:

Re: Schedule GLB-10. Please provide comparable data regarding forecasted gas purchasing program volumes for each of the three immediately preceding GCR years.

Response:

The data is attached.

Prepared by or under the supervision of:  
Gary Beland

	NOV	DEC	JAN-04	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<b>2003-04</b>												
Purchase Plan												
Purchases Pipeline Gas	2,836,228	3,643,878	3,840,980	3,616,698	3,581,582	2,346,804	1,308,096	887,270	842,907	842,103	921,504	1,671,974
Purchases Storage Injection	0	0	0	0	0	190,035	689,657	755,430	690,507	612,685	545,554	251,048
Total Purchase requirement	2,836,228	3,643,878	3,840,980	3,616,698	3,581,582	2,536,839	1,997,753	1,642,700	1,533,414	1,454,788	1,467,058	1,923,022
<b>2004-05</b>												
Purchase Plan												
Purchases Pipeline Gas	3,004,515	3,840,520	4,076,485	3,514,109	3,606,587	2,311,722	1,269,831	845,901	696,442	663,484	785,205	1,690,323
Purchases Storage Injection	0	0	0	0	0	590,412	590,412	590,412	590,412	590,412	590,412	590,412
Total Purchase requirement	3,004,515	3,840,520	4,076,485	3,514,109	3,606,587	2,902,134	1,860,243	1,436,313	1,286,854	1,253,897	1,375,617	2,280,735
<b>2005-06</b>												
Purchase Plan												
Purchases Pipeline Gas	3,093,739	3,952,852	4,167,385	3,587,355	3,811,874	2,064,846	1,470,504	888,973	803,124	799,981	879,692	1,742,722
Purchases Storage Injection	0	0	0	0	0	539,257	539,257	539,257	539,257	539,257	539,257	539,257
Total Purchase requirement	3,093,739	3,952,852	4,167,385	3,587,355	3,811,874	2,604,104	2,009,761	1,428,230	1,342,381	1,339,239	1,418,949	2,281,980

Division Data Request 1-7

Request:

Re: Schedule GLB-12. Please:

- a. Indicate the status of the Company's efforts to establish a new asset management agreement for the 2006-07 GCR year;
- b. Indicate whether ConocoPhillips has elected to renew its contract for the 2006-07 period;
- c. Provide a copy of any asset management agreement executed to date for the 2006-07 period.

Response:

- a. In response to the November 2005 request for proposal soliciting asset management services for November 1 2005 to October 31, 2006, ConocoPhillips submitted a bid that included granting them an option to extend the contract for an additional year. ConocoPhillips has exercised that option and asset management service for the 2006-07 GCR year is in place.
- b. As described above, ConocoPhillips has elected to continue the existing contract for the 2006-07 contract year.
- c. The terms for the 2006-07 GCR year are the same as for 2005-06, as provided for in the contract. This contract is considered confidential under the Company's September 1, 2006 Motion for Protective Treatment. Accordingly, a redacted copy of the contract is attached and a non-redacted confidential copy has been filed under seal with the Commission and with Mr. Oliver.

Prepared by or under the supervision of:  
Gary Beland

## TRANSACTION CONFIRMATION


Date: November 1, 2005

Transaction Confirmation #: \_\_\_\_\_

This Transaction Confirmation is subject to the Base Contract between Seller and New England Gas Company, a division of Southern Union Company, dated November 1, 2003. This Transaction Confirmation will not become binding until executed by both parties.

**SELLER:**

ConocoPhillips Company

Attn: Jeff BrantPhone: 315-453-7353

Fax: \_\_\_\_\_

Base Contract No. 19850Transporters: Algonquin, Columbia (TCO), Dominion, Iroquois,  
National Fuel, Tennessee, Texas Eastern,  
Transco**BUYER:**New England Gas Company, a division of Southern Union Company, for its operating units Bristol & Warren Gas Co.,  
Valley Gas Co., Providence Gas Co., and New England Gas Co.Attn: Carl MattsonPhone: (401) 868-6362Fax: (401) 333-3527

Base Contract No. \_\_\_\_\_

Transporters: Bristol & Warren Gas Co., Valley Gas Co., and  
Providence Gas Co., and New England Gas Co.**Contract Prices:**

2.8.1 Preexisting Supply Contract Price: Buyer will pay to Buyer's suppliers the amounts invoiced by such supplier pursuant to the Preexisting Supply Contracts, and Buyer will pay Seller an amount per Mmbtu equal to the total of the Transport Costs associated with the designated Preexisting Supply Contracts from the Receipt Point(s) to the Delivery Point(s) as shown in the Schedules attached hereto.

2.8.2 Exchange Gas Price: Buyer will pay to Seller an amount per Mmbtu equal to the commodity storage withdrawal fees applicable under the relevant Storage Agreement designated for supply of the Exchange Gas Quantity by Buyer plus the Transport Costs associated with the designated Storage Facility in the applicable Schedule attached hereto. An Exchange Gas Price will apply to the portion(s) of the Baseload or Swing Quantity designated by Buyer as the Exchange Gas Quantity at the time of its monthly or daily nominations.

2.8.3 Baseload Price: Buyer will pay for each Mmbtu of the Baseload Quantity an amount equal to the Index Price plus the Transport Costs associated with the applicable Transporter and zone in the applicable Schedule attached hereto for the designated tier of the Baseload Quantity; provided that if the Baseload Quantity includes either or both Preexisting Supply Quantities or monthly Exchange Gas Quantities, such Quantities will be deemed delivered first, and the Contract Price for such Quantities provided above will replace the price shown in the Schedule to the extent that a tier is supplied by such Preexisting Supply Quantity and/or monthly Exchange Gas Quantity.

2.8.4 Swing Price: Buyer will pay for each Mmbtu of the Swing Quantity an amount equal to the GDM Price plus the Transport Costs associated with the applicable Transporter and zone in the applicable Schedule attached hereto for the designated tier of the Swing Quantity; provided that if the Swing Quantity includes a daily Exchange Gas Quantity, such daily Exchange Gas Quantity will be deemed delivered immediately after the Baseload Quantity, and the Contract Price for such daily Exchange Gas Quantity provided above will replace the Swing Price shown in the Schedule to the extent that a tier is supplied by such daily Exchange Gas Quantity. For purposes of applying the pricing tiers shown on the Schedules, the initial Swing Quantities will be priced as delivered after the Baseload Quantities have been dispatched according to the Economic Dispatch Queue shown in the Schedules.

2.8.5 Fixed Price(s). For any Month(s) for which natural gas futures contracts are traded on the NYMEX, Buyer may request to fix the Index Price component of the Baseload Price for all or part of the Baseload Quantity purchased during such Month. A Fixed Price request may be made at any time prior to 11:00 am Central Prevailing Time on the last Business Day prior to the close of NYMEX trading during the Month preceding the Month(s) of delivery. Upon receipt of Buyer's Fixed Price request, Seller will quote Buyer a Fixed Price to apply to the requested quantity ("Covered Quantity") for the requested Month(s). If Buyer accepts the Fixed Price quoted by Seller to Buyer, such quoted Fixed Price will replace the Index Price in calculation of the Baseload Price for the Covered Quantity delivered during such Month(s). Seller will confirm a new Fixed Price in writing within one Business Day after receipt of Buyer's request. If Seller's confirmation is contrary to Buyer's understanding of the Fixed Price, Buyer shall notify Seller in writing before the close of the first Business Day following receipt. Buyer's failure to so notify the Seller in writing within the time period specified in this Section 2.8.5 constitutes Buyer's agreement to the Fixed Price described in Seller's confirmation. Notwithstanding Section 11, an event of Force Majeure affecting Buyer will not excuse Buyer's obligation to purchase the full amount of a Covered

## Quantity.

2.8.6 If any Contract Price is required to be negotiated, either as provided in the applicable Schedule or for pricing replacement Gas under Section 3.2.1 or intraday nomination changes under Sections 3.2.4 or 4.4.3, the parties will cooperate to reach agreement on such Contract Price prior to the applicable pipeline nomination deadlines.

**Delivery Period:** Begin: November 1, 2005

End: October 31, 2006

**Extension Option:** Seller will have the option to extend the Delivery Period until October 31, 2007 by giving written notice (including notice via facsimile or electronic mail) to Buyer no later than August 31, 2006. The Premium for this option to extend will be [REDACTED], payable upon execution of this Transaction Confirmation.

**Performance Obligation and Contract Quantity:** Except as otherwise set out herein, Seller will have a Firm obligation to deliver and Buyer will have a Firm obligation to purchase all quantities of Gas nominated by Buyer in accordance with Section 4.4. The Contract Quantity for any Day consists of the following categories:

3.2.1 **Preexisting Supply Quantity.** Buyer hereby appoints Seller as its agent to receive delivery of and to take title to Gas that Buyer has contracted to purchase from other suppliers under the Preexisting Supply Contracts. During each Month the Algonquin Preexisting Supply Quantity will be deemed the first Gas delivered at the Algonquin Delivery Points, and the Tennessee Preexisting Supply will be the first Gas delivered at the Tennessee Delivery Points. Seller will not be liable to Buyer for amounts otherwise due under Section 3.2 as a result of the failure (whether excused or unexcused) of a third party supplier to perform under a Preexisting Supply Contract; provided that Seller will attempt to replace the Gas, first from sources in the same supply area and then from other supply areas if Gas is unavailable from the same supply area, and Seller and Buyer will negotiate a reasonable Contract Price to be applicable to the replacement Gas acquired by Seller for delivery to Buyer within a reasonable time period.

3.2.2 **Exchange Gas Quantity.** Buyer will designate the portion of the Baseload Quantity to be delivered as Exchange Gas at the time that it provides its nomination for Baseload Gas prior to each Month and the portion of the Swing Quantity to be delivered as Exchange Gas at the time that it provides its nomination for Swing Gas prior to the day of flow. In no event, however, may Buyer designate an Exchange Gas Quantity for any day greater than the maximum withdrawal quantities available under the relevant Storage Agreement(s), nor may Buyer designate cumulative quantities of Exchange Gas greater than the total quantity of Gas held by Buyer under the Storage Agreements on the effective date of this Transaction Confirmation. Seller will not be liable for the remedies provided in Section 3.2 for failing to deliver any Exchange Gas Quantity in excess of the maximum daily quantities provided in the Transportation Agreement(s) serving the storage facility designated for the Exchange Gas due to the loss of interruptible transportation.

3.2.3 **Baseload Quantity.** Buyer will designate the Baseload Quantity of Gas to be delivered on each Day of a Month as provided in Section 4.4.1. The Baseload Quantity includes the Preexisting Supply Quantity and any Exchange Gas Quantity nominated for the whole Month. If Buyer is unable to receive any portion of the Baseload Quantity, Buyer may elect by notice prior to 9:30 am on the day that Platts Gas Daily surveys market prices to determine the GDM Price for the day of flow (i) to sell the excess Gas to Seller at a negotiated price or (ii) during the Winter Delivery Period only, to have the excess quantity injected into storage, to the extent Buyer has available storage capacity. Any excess quantity purchased by Seller will be deducted from the last tier from which Baseload Gas for the Month is sourced. Any excess quantity injected into the TETCO Storage Facilities will be deemed supplied from the first tier supplying Baseload Gas pursuant to the Economic Dispatch Queue for Algonquin Delivery Points; excess quantities injected into the TCO Storage Facility will be deemed supplied from the TCO Receipt Points; excess quantities injected into the Tennessee Storage Facility will be deemed supplied from the first tier supplying Baseload Gas pursuant to the Economic Dispatch Queue for Tennessee Delivery Points; excess quantity injected into the Dominion Storage Facilities will be deemed supplied from the first tier supplying Baseload Gas pursuant to the Economic Dispatch Queue for Algonquin, except for Gas injected pursuant to Contract nos. 300168 and 300170, which will be deemed supplied from the first tier supplying Baseload Gas pursuant to the Economic Dispatch Queue for Tennessee Delivery Points. The Transport Costs shown in the Schedule for filling the designated storage facility will be substituted in calculation of the Baseload Price for the Transport Costs associated with such tier in the Economic Dispatch Queue.

3.2.4 **Swing Quantity.** Buyer will designate the Swing Quantity of Gas to be delivered on each Day as provided in Section 4.4.2. The Swing Quantity includes any daily Exchange Gas Quantity nominated for a Day. If Buyer is unable to receive any portion of the Swing Quantity, Buyer may request to utilize an intra-day nomination and sell the excess Gas to Seller at a negotiated price.

3.2.5 **Maximum Daily Quantity.** The maximum daily quantity ("MDQ") that Seller will be obligated to deliver under this Transaction Confirmation at the Algonquin Delivery Points during any Month is the total of the maximum daily capacities available under the Transportation Agreements supplying the Algonquin Delivery Points (142,705), and the maximum daily quantity that Seller will be obligated to deliver under this Transaction Confirmation at the Tennessee Delivery Points during any Month is the total of the maximum daily capacities available under the Transportation Agreements supplying the Tennessee Delivery Points (57,238). The MDQ will be adjusted each Month to correspond with increases or decreases in Buyer's capacity on the Transporters due to changes in the status of released capacity to third party marketers or changes to the Transportation Agreements. The terms and condition of any excess quantities of Gas requested by Buyer will be negotiated and agreed at the time of such request.



**Delivery Point(s):**

Algonquin Delivery Points:

- BW Delivery Point - Interconnection of Algonquin facilities with the facilities of Bristol and Warren Gas Co.
- Providence Algonquin Delivery Point - Interconnection of Algonquin facilities with the facilities of Providence Gas Co.
- Valley Algonquin Delivery Point - Interconnection of Algonquin facilities with the facilities of Valley Gas Co.

Algonquin Storage Delivery Points:

- Dominion Storage Facility located near Leidy and Oakford.
- National Fuel Storage Facility located near Wharton.
- TETCO Storage Facility located near Leidy and Oakford.
- TCO Storage Facility located near Hanover.

Tennessee Delivery Points:

- Providence Tennessee Delivery Point - Interconnection of Tennessee facilities with the facilities of Providence Gas Co.
- Valley Tennessee Delivery Point - Interconnection of Tennessee facilities with the facilities of Valley Gas Co.

Tennessee Storage Delivery Points:

- Tennessee Storage Facility located near Ellisburg.
- Dominion Storage Facility located near Ellisburg.

**Special Conditions:**

Section 2. Definitions:

"Algonquin" means Algonquin Gas Transmission Company.

"Assumed Injection Rate" means the portion of the Storage Refill Quantity deemed delivered during a Month pursuant to Section 4.6.1, divided by the number of days in the Month.

"Bristoria" means the interconnection between the pipeline facilities of National Fuel and TETCO near Bristoria, Pennsylvania.

"Business Day" means any day other than Saturdays, Sundays, federal bank holidays, and the days listed below."

November 11, 2005	January 16, 2006	July 3, 2006
November 24, 2005	February 20, 2006	July 4, 2006
November 25, 2005		August 14, 2006
December 23, 2005	April 14, 2006	September 4, 2006
December 26, 2005	May 29, 2006	October 9, 2006
January 2, 2006		

"Centerville" means the interconnection between the pipeline facilities of Transco and Algonquin near Centerville, New Jersey.

"Chambersburg" means the interconnection between the pipeline facilities of Dominion and TETCO at Chambersburg, Pennsylvania.

"Dominion" means Dominion Transmission Inc.

"Dracut" means the portion of Tennessee's pipeline facilities serving various city gates in the New England area, including the pipeline facilities of Providence Gas Company and Valley Gas Company.

"Ellisburg" means the interconnection of the pipeline facilities of Dominion and Tennessee at Ellisburg, New York.

"GDM Price" means the Midpoint price published in *Platts Gas Daily* for the day of delivery for the designated pipeline and zone identified in the applicable Economic Dispatch Queue of the Schedule.

"Hanover" means the interconnection between the pipeline facilities of TCO and Algonquin at Hanover, New Jersey.

"Hubline" means the portion of Algonquin's pipeline facilities serving various city gates in the New England area, including the pipeline facilities of Providence Gas Company and Bristol and Warren Pipeline Co.

"Index Price" means the Index price published in the first of the month edition of *Platts Inside FERC's Gas Market Report* for the Month of delivery for the designated pipeline and zone in the applicable Economic Dispatch Queue of the Schedule.

"Iroquois" means Iroquois Gas Transmission System.

"Lambertville" means the interconnection between the pipeline facilities of TETCO and Algonquin at Lambertville, New Jersey and

the interconnection of the pipeline facilities of Transco and Algonquin at Centerville, New Jersey.

"Lebanon" means the interconnection between the pipeline facilities of Dominion and Texas Gas in Lebanon, Ohio.

"Leidy" means the interconnections among the pipeline facilities of Dominion, Transco and TETCO, including the TETCO Storage Facility, all located at Leidy, Pennsylvania.

"National Fuel" means National Fuel Gas Company.

"Oakford" means the interconnection between the pipeline facilities of TETCO and the TETCO Storage Facility located near Oakford, Pennsylvania.

"Preexisting Supply Contract(s)" means the contract(s) listed on the Preexisting Supply Quantity Schedule attached hereto between various suppliers and Buyer providing for delivery of the Preexisting Supply Quantity to Buyer at the indicated delivery points.

"Storage Agreements" means those certain storage agreements between Buyer and Transporters identified in the Schedules attached hereto, which are subject to the Storage Management provisions of Section 4.6 below.

"Storage Refill Quantity" has the meaning ascribed in Section 4.6.1.

"TCO" means Columbia Gas Transmission Corp.

"TCO Receipt Point(s)" means the interconnection of TCO's pipeline facilities with the pipeline facilities of (1) Tennessee near Broad Run, West Virginia, TETCO near Eagle, Pennsylvania, Panhandle Eastern Pipeline Company near Maumee, Ohio, and/or Transco near Downingtown, Pennsylvania.

"Tennessee" means Tennessee Gas Pipeline Company.

"Texas Gas" means Texas Gas Transmission Corp.

"TETCO" means Texas Eastern Transmission Company.

"Transco" means Transcontinental Gas Pipe Line Corporation.

"Wharton" means the interconnection between the pipeline facilities of Transco and National Fuel at Wharton, New York.

"Wright" means the interconnection of the pipeline facilities of Iroquois and Tennessee at Wright, New York.

#### 4.4 Nominations of Baseload and Swing Quantities.

4.4.1 Buyer will nominate the Baseload Quantity, including any designated monthly Exchange Gas Quantity, no later than 10:00 am ET on the third Business Day prior to the close of NYMEX trading for the Month of deliveries.

4.4.2 Buyer will nominate the daily quantity of Gas to be delivered and received on each day of flow ("Daily Nomination"), including any additional Swing Gas no later than 9:30 am ET on the day that Platts *Gas Daily* surveys market prices to determine the GDM Price for the day of flow. The parties agree to take special communication steps to ensure reliability during either company's holidays. Daily Nominations for weekends and holidays must be constant over the full weekend or holiday period except that Buyer may nominate (no later than the regular nomination deadline) different quantities of Exchange Gas for different days during a weekend or holiday period. If Buyer fails to provide the Daily Nomination provided for herein by the 9:30 deadline, Seller will contact by telephone to determine the Daily Nomination.

4.4.3 Seller will have no Firm obligation to deliver any quantities of Gas requested after the Daily Nomination deadline, but Seller will make reasonable efforts to supply intra-day nominations requested by Buyer on terms and conditions to be negotiated at the time of Buyer's request. If Seller is unable to supply the Gas requested by Buyer, Buyer may seek another source of supply for the Gas that Seller is unable to supply.

4.4.4 In addition to the monthly and daily nominations described above, Buyer will advise Seller each Business Day of Buyer's best estimate of its anticipated requirements for Gas (including Preexisting Supply, Exchange Gas, Baseload and Swing) for the following five Day period. Seller recognizes and acknowledges that Buyer's Total Sendout (TOTS) estimate of anticipated requirements includes Gas transported on Buyer's capacity released to third party marketers.

#### 4.5 Firm Transportation Management and Release.

4.5.1 Buyer will either release its firm transportation capacity to Seller or make Seller agent for Buyer, so as to allow Seller to manage Buyer's capacity, under the Transportation Agreements listed on the Schedules for the Delivery Period.

4.5.2 Buyer will reimburse Seller for all firm demand charges applicable under the Transportation Agreements.

4.5.3 In consideration for Buyer's release of capacity and assignment of management to Seller of the Transportation Agreements, Seller will pay Buyer a monthly Management Fee [REDACTED] which will be paid the following Month by a credit against monies

due from Buyer to Seller for Gas delivered during the Month to which the Management Fee applies.

4.5.4 If the total amount of Buyer's capacity on any of the Transporters increases or decreases during the Delivery Period due to changes in the status of releases to third party marketers, the amount of capacity released to Seller hereunder will increase or decrease proportionally with the change in Buyer's retained capacity.

4.5.5 Seller will have the right to terminate the release, agency and assignment of the Transportation Agreements to Seller hereunder in the event of an Event of Default by Buyer, as provided in Section 10.3, and to include in the calculation of the Net Settlement Amount any gain or loss accruing to Seller as a result of such early termination.

4.5.6 Seller may propose to Buyer from time to time that Buyer temporarily reduce its nominated receipts of Gas from Seller hereunder in order to permit Seller to deliver such Gas to another third party purchaser requiring Gas supplies off of the Transporter's delivery points. Seller's proposal will include the quantity and duration of the proposed diversion and the margin that Seller intends to realize between the Contract Price applicable to such Gas under this Contract and the proceeds (net of incremental delivery costs) applicable to Seller's proposed alternate sale of such Gas. If Buyer agrees of the diversion of Gas pursuant to Seller's proposal, the parties will effect the reduced nominations, and Seller will pay to Buyer one-half of the margin realized by Seller from the diversion of Gas to the third party purchaser. The parties will document their agreement to any proposed diversions by email, facsimile or other written procedure.

4.6. Storage Management.

4.6.1 Buyer will either assign to Seller or make Seller agent for management of all of Buyer's rights and obligations under the Storage Agreements listed in the Schedule for the term of this Transaction Confirmation. Seller will be obligated to refill Buyer's inventory under the Storage Agreements for the quantity of Exchange Gas withdrawn by Buyer from November 1, 2005 through April 15, 2006 up to 95 percent of Buyer's maximum storage capacity under the Storage Agreements ("Storage Refill Quantity") by no later than October 31, 2006; provided that Seller will not be obligated to replace any gas lost from a Storage Facility due to Force Majeure, theft, negligence or other action of the facility operator, or any other cause unrelated to withdrawals of Gas by Seller as manager of the Storage Agreements. The Storage Refill Quantity for withdrawals during November 1, 2005 through April 15, 2006, which Seller will be obligated to refill by no later than October 31, 2006, will be deemed delivered into storage pro-rata over the Months of April through October 2006, such that the Baseload Quantity for each of the Months of April through October 2006 will include one-seventh of the Storage Refill Quantity.

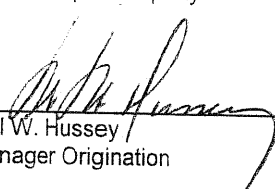
4.6.2 If the total amount of Buyer's storage capacity on any of the Transporters increases or decreases during the Delivery Period due to changes in the status of releases to third party marketers, the amount of storage capacity assigned to Seller hereunder will increase or decrease proportionally with the change in Buyer's retained capacity. If any such changes occur during the Months of April through October, the pro-rata portion of the Storage Refill Quantity to be deemed delivered each Month subsequent to any such change will be recalculated and a new deemed refill schedule will be adopted.

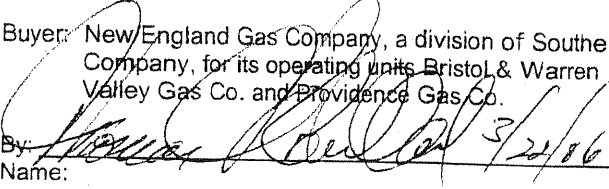
4.6.3 Seller will have the right to terminate the assignment of the Storage Agreements to Seller hereunder in the event of an Event of Default by Buyer, as provided in Section 10.3, and to include in the calculation of the Net Settlement Amount any gain or loss accruing to Seller as a result of such early termination.

4.6.4 Buyer agrees to manage its nominations of Exchange Gas and storage refill during the Months of November through February so as to assure that Buyer's storage inventory under Storage Agreements with delivery points at Leidy and Lambertville on March 1 is no less than 16 percent of Buyer's maximum storage capacity under all of its Storage Agreements. Buyer further agrees to limit its nominations of Exchange Gas during March to quantities no greater than 16 percent of the maximum withdrawal rates applicable under its Storage Agreements. If Buyer's storage inventory under the Storage Agreements with delivery points at Leidy and Lambertville is less than 16 percent of the maximum storage capacity applicable under all Storage Agreements on March 1, Buyer will pay Seller a Storage Deficiency Charge equal to the quantity (in MMBtu) of such deficiency times the amount by which the average of the GDM Prices for the Month of March for TETCO at the location of the relevant delivery point exceeds the March Index Price for TETCO at such location. Buyer may propose to Seller any time prior to February 15 for Buyer to assure a storage inventory on March 1 greater than 16 percent of Buyer's total maximum storage capacity, and Seller will provide a quote to Buyer of the optimization value that Seller believes can be realized from such increased storage inventory. If Buyer accepts Seller's quote, Buyer will assure that the increased storage inventory is in place on March 1, and Seller will pay to Buyer one-half of the optimization value quoted by Seller attributable to the increased storage inventory. The parties will document their agreement with respect to such increased storage inventory by email, facsimile or other written procedure.

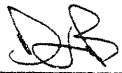
7.2 The following sentence is added to the end of Section 7.2.

"Notwithstanding the foregoing, the Payment Date for the first \$2,400,000 in firm transportation demand charges is the 20<sup>th</sup> Day of the Month following the Month of delivery, with the remaining demand charges to be due on the later of the 25<sup>th</sup> Day of the Month following the Month of delivery or ten days after receipt of invoice."

<p>Seller: ConocoPhillips Company</p> <p>By: </p> <p>Name: Will W. Hussey</p> <p>Title: Manager Origination</p>	<p>Buyer: New England Gas Company, a division of Southern Union Company, for its operating units Bristol &amp; Warren Gas Co. Valley Gas Co. and Providence Gas Co.</p> <p>By: _____</p> <p>Name: _____</p> <p>Title: _____</p>
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Seller: ConocoPhillips Company	Buyer: New England Gas Company, a division of Southern Union Company, for its operating units Bristol & Warren Gas Co. Valley Gas Co. and Providence Gas Co.
By: _____ Name: Will W. Hussey Title: Manager Origination	By:  Name: _____ Title: _____

LEGAL  
APPROVED  
AS TO  
FORM

  
3/6/06

### Schedule of Preexisting Supply Contracts

<u>Contract No.</u>	<u>Receipt Point</u>	<u>Transport Costs</u>
800303R	TETCO South Texas	Variable transportation charges for (1) TETCO from the South Texas zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
800303R	TETCO East Texas	Variable transportation charges for (1) TETCO from the East Texas zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
800303R	TETCO West Louisiana	Variable transportation charges for (1) TETCO from the West Louisiana zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
800303R	TETCO East Louisiana	Variable transportation charges for (1) TETCO from the East Louisiana zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
8516	Tennessee Zone 0	Variable transportation charges for Tennessee from Tennessee zone 0 supply area to the Tennessee Delivery Point(s).
8516	Tennessee La 500 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
8516	Tennessee La 800 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
1597	Tennessee Zone 0	Variable transportation charges for Tennessee from Tennessee zone 0 supply area to the Tennessee Delivery Point(s).
1597	Tennessee La 500 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
1597	Tennessee La 800 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
1598	Tennessee Zone 0	Variable transportation charges for Tennessee from Tennessee zone 0 supply area to the Tennessee Delivery Point(s).
1598	Tennessee La 500 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
1598	Tennessee La 800 leg	Variable transportation charges for Tennessee from the Tennessee La supply area to the Tennessee Delivery Point(s).
37804	TCO Receipt Points	Variable transportation charges for (1) TCO from the applicable TCO Receipt Point to Hanover and (2) Algonquin from Hanover to the Algonquin Delivery Point(s).
500-01	Iroquois Waddington	Variable transportation charges for (1) Iroquois from Iroquois Waddington to Wright and (2) Tennessee from Wright to the Tennessee Delivery Point.
39173	Tennessee Niagara River	Variable transportation charges for Tennessee from Tennessee Niagara River to the Tennessee Delivery Point.
40725	Tennessee Dracut	Variable transportation charges for Tennessee from Tennessee Dracut to the Tennessee Delivery Points.

## Pricing Schedule

Economic Dispatch Queue for the Algonquin Delivery Points		
Quantity	Pipeline and Zone	Transport Costs
First 30,000 Mmbtu/d	TCO Appalachia	Variable transportation charges for (1) TCO from TCO Maumee to Hanover, and (2) for Algonquin from Hanover to the Algonquin Delivery Point.
Next 9,192 Mmbtu/d	TETCO East Texas	Variable transportation charges for (1) TETCO from the East Texas zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 6,023 Mmbtu/d	TETCO South Texas	Variable transportation charges for (1) TETCO from the South Texas zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point.
Next 10,662 Mmbtu/d	TETCO West Louisiana	Variable transportation charges for (1) TETCO from the West Louisiana zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 20,057 Mmbtu/d	TETCO East Louisiana	Variable transportation charges for (1) TETCO from the East Louisiana zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 10,000 Mmbtu/d	Dominion Appalachia	Variable transportation charges for (1) TCO from the TCO Broad Run Receipt Point to Hanover, and (2) for Algonquin from Hanover to the Algonquin Delivery Point.
Next 3,600 Mmbtu/d	index: TETCO zone M-3 GDM: negotiated	Variable transportation charges for (1) TCO from the TCO Eagle Receipt Point to Lambertville, and (2) for Algonquin from Lambertville to the Algonquin Delivery Point.
Next 3,855 Mmbtu/d	Transco zone 6 non-NY	Variable transportation charges for (1) TCO from the TCO Downington Receipt Point to Lambertville, and (2) for Algonquin from Lambertville to the Algonquin Delivery Point.
Next 661 Mmbtu/d	TETCO East Texas	Variable transportation charges for (1) TETCO from the ETX zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 527 Mmbtu/d	TETCO West Louisiana	Variable transportation charges for (1) TETCO from the WLA zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 911 Mmbtu/d	TETCO East Louisiana	Variable transportation charges for (1) TETCO from the ELA zone to Lambertville and (2) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 925 Mmbtu/d	TETCO East Louisiana	Variable transportation charges for (1) TETCO from the ELA zone to Bristoria, (2) National Fuel from Bristoria to Wharton, (3) Transco from Wharton to Lambertville and (4) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 549 Mmbtu/d	TETCO East Louisiana	Variable transportation charges for (1) TETCO from the ELA zone to Chambersburg, (2) Dominion from Chambersburg to Leidy, (3) Transco from Leidy to Lambertville and (4) Algonquin from Lambertville to the Algonquin Delivery Point(s).
Next 8,000 Mmbtu/d	Algonquin Citygate GDM less variables	Algonquin's variable transportation charges from Algonquin's Hubline to the Algonquin Delivery Point(s).
Remaining Contract Quantity up to the MDQ	index: TETCO zone M3 GDM: TETCO zone M3 unless negotiated	Algonquin's variable transportation charges from Lambertville to the Algonquin Delivery Point(s).

<b>Economic Dispatch Queue for the Tennessee Delivery Points</b>		
First 9,522 Mmbtu/d	Tennessee TX zone 0	Variable transportation charges for Tennessee from Tennessee zone 0 to the Tennessee Delivery Point(s).
Next 13,653 Mmbtu/d	Tennessee LA 500 leg	Variable transportation charges for Tennessee from Tennessee LA 500 leg to the Tennessee Delivery Point(s).
Next 6,160 Mmbtu/d	Tennessee LA 800 leg	Variable transportation charges for Tennessee from Tennessee LA 800 leg to the Tennessee Delivery Point(s).
Next 1,067	Index: Northeast, Niagara GDM: Canadian, Niagara	Variable transportation charges for Tennessee from Tennessee Niagara River to the Tennessee Delivery Point(s).
Next 1,000 Mmbtu/d	Index: negotiated GDM: Canadian Iroquois	Variable transportation charges for (1) Iroquois from Waddington to Wright and (2) for Tennessee from Wright to the Tennessee Delivery Point.
Remaining Contract Quantity up to the MDQ	Index: negotiated GDM: Dracut	Variable transportation charges for Tennessee from Dracut to the Tennessee Delivery Point.



### Schedule of Transportation Agreements

<b>Contract Nos.</b>	<b>Company</b>	<b>Transporter</b>	<b>Receipt Point</b>	<b>Delivery Point</b>
Contract No. 90106	Providence Gas	Algonquin	Hanover	Providence Gas City Gate
Contract No. 96003	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 93207	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 93407	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 9B105	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 9S102	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 933004	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 90107	Providence Gas	Algonquin	Hanover	Providence Gas City Gate
Contract No. 9001	Providence Gas	Algonquin	Hanover	Providence Gas City Gate
Contract No. 93011E	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 9W009E	Providence Gas	Algonquin	Lambertville	Providence Gas City Gate
Contract No. 99054	Providence Gas	Algonquin	Hubline	Providence Gas City Gate
Contract No. 37804	Providence Gas	TCO	TCO Delivery Points	Hanover
Contract No. 38053	Providence Gas	TCO	TCO Storage Facility	Hanover
Contract No. 700086	Providence Gas	Dominion	Leidy	Leidy
Contract No. 40725	Providence Gas	Tennessee	Dracut	Providence Gas City Gate
Contract No. 1598	Providence Gas	Tennessee	Tennessee supply zones	Providence Gas City Gate
Contract No. 800440	Providence Gas	TETCO	Leidy	Lambertville
Contract No. 330844	Providence Gas	TETCO	Leidy	Lambertville
Contract No. 330907	Providence Gas	TETCO	Leidy	Lambertville
Contract No. 331801	Providence Gas	TETCO	Leidy/Oakford	Lambertville
Contract No. 331722	Providence Gas	TETCO	Leidy	Lambertville
Contract No. 331819	Providence Gas	TETCO	Leidy	Lambertville
Contract No. 800303R	Providence Gas	TETCO	TETCO supply zones	Lambertville
Contract No. 6433	Providence Gas	Transco	Wharton	Lambertville
Contract No. 6504	Providence Gas	Transco	Transco supply zones	Leidy
Contract No. 933011	Valley Gas	Algonquin	Lambertville	Cumberland City Gate
Contract No. 700087	Valley Gas	Dominion	Dominion Storage	Leidy
Contract No. 500-01	Valley Gas	Iroquois	Waddington	Wright
Contract No. 39173	Valley Gas	Tennessee	Niagara River	Zone 6 City Gate
Contract No. 10807	Valley Gas	Tennessee	Zone 4 - Ellisburg	Zone 6 City Gate
Contract No. 32352	Valley Gas	Tennessee	Wright	Zone 6 City Gate
Contract No. 1597	Valley Gas	Tennessee	Tennessee supply zones	Zone 6 City Gate
Contract No. 8516	Valley Gas	Tennessee	Tennessee supply zones	Zone 6 City Gate
Contract No. 330870	Valley Gas	TETCO	Chambersburg	Lambertville
Contract No. 933001	Bristol & Warren	Algonquin	Lambertville	Warren City Gate
Contract No. 96004SC	Bristol & Warren	Algonquin	Lambertville	Warren City Gate
Contract No. 93401S	Bristol & Warren	Algonquin	Lambertville	Warren City Gate
Contract No. 9S100S	Bristol & Warren	Algonquin	Lambertville	Warren City Gate
Contract No. 93001ESC	Bristol & Warren	Algonquin	Lambertville/Hanover	Warren City Gate
Contract No. 510075	Bristol & Warren	Algonquin	Hubline	Warren City Gate
Contract No. 100107	Bristol & Warren	Dominion	Oakford	Leidy
Contract No 510209	N. E. Gas	Algonquin	Hubline	Montville, CT Gate
Contract No. E00518	Bristol & Warren	National Fuel	TETCO Bristoria	NF Storage or Wharton
Contract No. 330845	Bristol & Warren	TETCO	Leidy	Lambertville
Contract No. 330867	Bristol & Warren	TETCO	Chambersburg	Lambertville
Contract No. 331802	Bristol & Warren	TETCO	Oakford	Lambertville
Contract No. 800173	Bristol & Warren	TETCO	TETCO supply area	Oakford
Contract No. 800173	Bristol & Warren	TETCO	TETCO supply area	National Fuel Bristoria
Contract No. 800156	Bristol & Warren	TETCO	TETCO supply area	Lambertville/Hanover
Contract No. 6427	Bristol & Warren	Transco	Wharton	Centerville

### Schedule of Storage Agreements

<u>Storage Agreement</u>	<u>Transport Costs for Exchange Gas</u>	<u>Transport Costs for Storage Injection</u>
Ct No. 600045(Dominion)	Variable transportation charges for (1) Dominion from the Dominion Storage Facility to Leidy, (2) TETCO from Leidy to Lambertville, and (3) Algonquin from Lambertville to the RI Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, and (2) Dominion from Oakford to the Dominion Storage facility, plus (3) any applicable injection fees.
Ct No. 300169 (Dominion)	Variable transportation charges for (1) Dominion from the Dominion Storage Facility to Leidy, (2) TETCO from Leidy to Lambertville, and (3) Algonquin from Lambertville to the RI Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, and (2) Dominion from Oakford to the Dominion Storage facility, plus (3) any applicable injection fees.
Ct No. 400185 (TETCO)	Variable transportation charges for (1) TETCO from Leidy to Lambertville and (2) Algonquin from Lambertville to the RI Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, plus (2) any applicable injection fees.
Ct No. 38010 (TCO)	Variable transportation charges for (1) TCO from the TCO Storage Facility to Hanover and (2) Algonquin from Hanover to the RI Algonquin Delivery Point.	Variable transportation charges for (1) TCO from the applicable TCO Receipt Point(s) to Hanover and from Hanover to the TCO Storage Facility, plus (2) any applicable injection fees.
Ct No. 300171 (Dominion)	Variable transportation charges for (1) Dominion from the Dominion Storage Facility to Leidy, (2) TETCO from Leidy to Lambertville, and (3) Algonquin from Lambertville to the RI Algonquin Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, and (2) Dominion from Oakford to the Dominion Storage facility, plus (3) any applicable injection fees.
Ct No. 8995 (Tennessee)	Variable transportation charges for Tennessee from the Tennessee Storage Facility to the RI Tennessee Delivery Point.	Variable transportation charges for (1) Tennessee from Tennessee's zone 0, zone 1 500L or zone 1 800L, as applicable, to the Tennessee Storage facility, plus (2) any applicable injection fees.
Ct No. 400515 (TETCO)	Variable transportation charges for (1) TETCO from Leidy to Lambertville and (2) Algonquin from Lambertville to the RI Algonquin Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, plus (2) any applicable injection fees.
Ct No. 400221 (TETCO)	Variable transportation charges for (1) TETCO from Leidy to Lambertville and (2) Algonquin from Lambertville to the RI Algonquin Delivery Point.	Variable transportation charges for (1) TETCO from TETCO's ELA zone, WLA zone, STX zone or ETX zone, as applicable, to Oakford, plus (2) any applicable injection fees.
Ct No. 300168 (Dominion)	Variable transportation charges for Tennessee from the Dominion Storage Facility to the RI Tennessee Delivery Point.	Variable transportation charges for (1) Tennessee from Tennessee's zone 0, zone 1 500L or zone 1 800L, as applicable, to the Dominion Storage facility, plus (2) any applicable injection fees.
Ct No. 300170 (Dominion)	Variable transportation charges for (1) Dominion from the Dominion Storage Facility to Ellisburg and (2) Tennessee from Ellisburg to the RI Tennessee Delivery Point.	Variable transportation charges for (1) Tennessee from Tennessee's zone 0, zone 1 500L or zone 1 800L, as applicable, to Ellisburg, (2) Dominion from Ellisburg to the Dominion Storage facility, plus (3) any applicable injection fees.
Ct No. 501	Variable transportation charges for	Variable transportation charges for (1)

(Tennessee)	Tennessee from the Tennessee Storage Facility to the RI Tennessee Delivery Point	Tennessee from Tennessee's zone 0, zone 1 500L or zone 1 800L, as applicable, to the Tennessee Storage facility, plus (2) any applicable injection fees.
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Division Data Request 1-8

Request:

Re: page 5 of the Company's Long-Range Gas Supply Plan, submitted August 22, 2006. Please provide:

- a. The monthly degree day data since 1905-06 that was used in the establishment of design winter criteria;
- b. The referenced statistical analysis of winter monthly degree data since 1905-06 documenting the form of the regression equation and providing all regression statistics generated;
- c. The analyses and rationales supporting the Company's decision to analyze aggregate degree days for the 121-day period of December through March;
- d. Any and all analyses of alternatives to the December – March period that may have been considered.

Response:

- a. The monthly degree days used to calculate the design winter standard are attached.
- b. The analysis was not based on regression modeling. The one in one hundred year confidence interval was based on a mean of 3,946 degree days, a standard deviation of 274 and the application of the Z value such that there would be a 1% probability that total winter degree days would exceed the calculated design standard (2.326 standard deviations).
- c. The decision to base the Company's design winter on an analysis of weather variations over the December 1st to March 31st period was the result of an evaluation of how the Company's portfolio performed during the winter months. The key to that evaluation was the determination that weather in November, even significantly colder than normal weather, had only a very limited impact on the use of storage or peaking supplies. The primary operational value and purpose of design planning is the modeling of withdrawals from underground and peaking storage in order to develop minimum inventory levels necessary to meet design weather conditions over the course of the winter. To the extent most colder than normal weather during November can be met using pipeline supplies rather than storage or peaking supplies, it does not represent a true test of the adequacy of the portfolio.
- d. A similar evaluation of the month of March showed that peaking supply and storage use can be significant and may be fairly heavy, particularly in the first two weeks, and thus, it was important to include March in the design modeling of system supply.

Prepared by or under the supervision of:  
Gary Beland

DEGREE DAY DATA BASE

YEAR	DEC	JAN	FEB	MAR	Winter only Dec - Mar
1905-06	942	952	990	1015	3899
1906-07	1120	1154	1220	830	4324
1907-08	919	1088	1129	843	3979
1908-09	998	1098	902	917	3915
1909-10	1102	1040	1018	726	3886
1910-11	1207	1036	1086	955	4284
1911-12	844	1374	1119	946	4283
1912-13	858	837	1062	754	3511
1913-14	860	1126	1166	908	4060
1914-15	1110	1030	926	950	4016
1915-16	1034	1019	1173	1106	4332
1916-17	1044	1098	1122	898	4162
1917-18	1294	1386	1094	877	4651
1918-19	962	998	936	771	3667
1919-20	1150	1372	1121	826	4469
1920-21	958	1047	939	630	3574
1921-22	1058	1192	942	808	4000
1922-23	1087	1215	1184	988	4474
1923-24	809	1062	1145	892	3908
1924-25	1070	1198	814	732	3814
1925-26	1009	1080	1056	988	4133
1926-27	1156	1100	912	758	3926
1927-28	932	1015	1034	894	3875
1928-29	862	1136	933	723	3654
1929-30	1061	1058	878	872	3869
1930-31	1032	1093	941	837	3903
1931-32	868	818	995	928	3609
1932-33	866	858	913	909	3546
1933-34	1144	1066	1333	907	4450
1934-35	1091	1264	1014	764	4133
1935-36	1150	1139	1206	662	4157
1936-37	910	848	864	942	3564
1937-38	1028	1135	928	771	3862
1938-39	954	1142	890	944	3930
1939-40	963	1310	1014	983	4270
1940-41	918	1192	974	960	4044
1941-42	945	1117	1030	718	3810
1942-43	1126	1177	942	862	4107
1943-44	1073	1036	1004	911	4024
1944-45	1048	1255	944	538	3785
1945-46	1122	1083	1008	526	3739
1946-47	915	983	981	822	3701
1947-48	1041	1260	1092	793	4186
1948-49	884	889	801	765	3339
1949-50	867	847	1016	948	3678
1950-51	915	929	807	758	3409

1951-52	883	950	915	832	3580
1952-53	887	901	801	748	3337
1953-54	817	1206	825	828	3676
1954-55	976	1139	931	861	3907
1955-56	1219	1066	896	986	4167
1956-57	885	1303	866	804	3858
1957-58	817	1057	1124	816	3814
1958-59	1225	1134	1063	879	4301
1959-60	942	1106	825	1034	3907
1960-61	1159	1274	955	864	4252
1961-62	1013	1123	1068	840	4044
1962-63	1125	1115	1076	805	4121
1963-64	1242	1059	1033	835	4169
1964-65	981	1231	1018	891	4121
1965-66	907	1115	975	806	3803
1966-67	994	963	1093	976	4026
1967-68	937	1246	1137	827	4147
1968-69	1072	1117	1010	923	4122
1969-70	1065	1399	996	924	4384
1970-71	1124	1298	949	868	4239
1971-72	922	1054	1044	879	3899
1972-73	945	1044	984	653	3626
1973-74	819	1028	1003	808	3658
1974-75	899	951	962	907	3719
1975-76	1013	1283	828	798	3922
1976-77	1219	1361	983	653	4216
1977-78	1030	1231	1192	964	4417
1978-79	970	1075	1261	755	4061
1979-80	849	1088	1104	857	3898
1980-81	1125	1379	769	808	4081
1981-82	1044	1343	932	802	4121
1982-83	810	1037	891	755	3493
1983-84	1001	1190	804	960	3955
1984-85	832	1309	914	743	3798
1985-86	1066	1045	999	772	3882
1986-87	911	1111	1014	772	3808
1987-88	921	1177	954	787	3839
1988-89	1003	960	975	847	3785
1989-90	1329	882	854	762	3827
1990-91	781	1090	829	726	3426
1991-92	884	1034	919	872	3709
1992-93	951	1029	1077	901	3958
1993-94	966	1307	1092	805	4170
1994-95	815	892	990	731	3428

Division Data Request 1-9

Request:

Re: page 6 of the Company's Long-Range Gas Supply Plan, submitted August 22, 2006. Please:

- a. Identify the date of each peak day examined for the period 1941-42 through 1993-94 and provide the number of degree days and level of demand experience on each peak day examined for that period.
- b. Provide comparable data for the peak day of each winter since the winter of 1993-94.
- c. Explain why the Company chose not to use data for peak days in (1) winters prior to 1941-42 and (2) winters subsequent to 1993-95 in its analysis of peak day data.
- d. Provide the analyses and rationales supporting the Company's decision to use "once in every hundred years" as its planning criteria for design day peak requirements.
- e. Provide all analyses prepared by or for the Company of the differences in (1) demand and (2) fixed gas supply costs that would be associated with using lesser criteria for planning design day resources (e.g., one day in 50 years, one day in 40 years, or one day in 20 years).
- f. Document the derivation of the "heat per degree day factor" referenced page 8 of the Long-Range Gas Supply Plan submitted August 22, 2006.

Response:

- a. The original analysis in the 1994 Integrated Resource Plan was done by calculating the mean and standard deviation of the time series of the observed coldest day (highest degree day) for each individual winter season from 1941/42 to 1993/94. The sample used did not identify the actual dates of the peak days and no demand data was collected. (Note that over the timeframe 1941 to 1993, there were drastic changes in the Rhode Island gas industry including mergers and shifts in supply sourcing that make such long term tracking of demand impossible. Also, the information is based on a calendar day, midnight to midnight, rather than a gas day, 10AM to 10AM.)
- b. See attachment.
- c. (1) Daily weather data prior to 1941 was not readily available from any source  
(2) The Commission approved standard developed in the 1994 IRP has been shown to be reasonable. Also, the attachment included in response to (a) above shows that the use of all data from 1941 to 2006 still supports the use of at least a 68 DD design standard.

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Gary Beland

- d. The “once in 100 year” standard is a common standard. Attached is the detailed discussion excerpted from the 1994 Integrated Resource Plan filing covering the rationale for its choice as a design standard.
- e. The Company has not prepared any updated analyses for Rhode Island portfolio design based on any standard other than the 68 degree day design day standard used since Commission approval of the 1994 IRP in Docket 2025. Note that the selection of resources for inclusion in the portfolio depends on more than the ability to meet the peak day design condition. Design winter, the cold snap analysis and the need to accommodate hourly peaks all play a roll in determining whether resources are adequate to meet extreme conditions.
- f. The heating use in dekatherms per degree day (heating Dth/DD) is calculated by subtracting the baseload quantity from the weather normalized sendout for the December to March period and then dividing the resulting heating load by the normal degree days.

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The December through March analysis was similar to the design day analysis except that the aggregate degree days for this 121-day period were analyzed. The Company also had access to monthly degree day data back to 1905-06. The mean degree days for December through March over this time period is 3,946 degree days and the standard deviation is 274 degree days. Applying the same probability of occurrence of once in one hundred years, yields a design degree day of 4,583 for the December through March period, 16.1% colder than normal. The weather was modeled using the coldest ever January to March, with the residual amount placed in December.

In addition to the one in one-hundred year reliability standard, the Company explored two other less conservative reliability standards in order to measure the appropriateness of using the one in one-hundred standard. The Company chose to model design winter occurrences of one in forty years and one in twenty years using the same data used in the one in one-hundred study. The one in forty study yielded a statistical 97.5% confidence level with a total of 4,483 degree days which was 100 degree days less than the one in one-hundred study. Due to the lower winter degree day totals, supply requirements during the winter decreased by 1.8% in each year of the study.

To measure the dollar impact of the lower supply requirements, the demand related long-run avoided costs (LRAC's) were applied to the reduced volumes for each year of the ten years in the study. This captures the cost impact because the lower design standard would either make that amount of capacity available for release or reduce the need for additional capacity by that amount. This provided a measurement of avoided pipeline capacity costs for the lower requirement of supply. The results showed that the avoided cost of using the one in forty year standard yielded only a small amount of savings. On a percentage of total supply costs basis, the yearly cost reduction ranged from a low of 0.2% in the first three years to a high of 0.5% in the last two years.

The same methodology as above was applied to the one in twenty study. This produced a statistical confidence level of 95% and lowered the winter degree day level to 4,396 which was a reduction of 187 from the one in one-hundred standard.

Applying this lower winter degree day base to the supply model run resulted in a reduction of 3.3% in supply requirements. The application of the demand LRAC's to this supply reduction produced cost reductions of less than 1% in all years of the study ranging from 0.4% in the early years to 0.9% in the latter years. As in the one in forty year study, it was felt this was not a significant impact given the lack of experience with post Order 636 supply reliability, the effect of the added cushion in hedging well freeze-offs, pipeline outages or other supply disruptions.

In conclusion, the use by the Company of a one in one-hundred year standard to determine its supply requirements does not result in a significant added cost to its customers and provides a reasonable margin for supply failure disruptions. The higher standard also provides an additional hedge against supply failures on peak days and during the winter season. Because the plan is to release capacity on a firm basis above these levels to customer off-system.

Division Data Request 1-10

Request:

Re: Section IV. Preparation of Demand Forecast Under Normal Weather Conditions in the Company's Long-Range Gas Supply Plan, submitted August 22, 2006. Please provide the workpapers, data and analyses relied upon in the development of forecasted weather-normal demand by rate class, including but not limited to documentation of all adjustments to consumption data for:

- a. "Known and measurable changes:
- b. Weather normalization adjustments to consumption data by rate class
- c. Adjustments to consumption data by rate class to reflect future growth

Response:

The forecasted weather-normalized demand used in the Company's Long-Range Gas Supply Plan was an extension of the November 2005 – October 2006 forecast used with the Company's November 2005 GCR. That forecast relied on an analysis of historic actual consumption data that was adjusted for the effects of weather based on a 10-year normal of 5,463 degree days (5,492 in 2004 to account for the leap year). For the residential non-heat rate class, the historic annual decline in customers was projected to continue at approximately 1.8% following the month-to-month pattern of the prior year. Forecasted volumes were based on normalized average use per customer per month in the same month of the prior two years. For the residential heating rate class, the projection was for the average annual customer count to increase approximately 1% following the month-to-month pattern of the prior year. Forecasted volumes were based on the normalized average use per customer per month in the same month for the prior two years. For the small C&I rate class, the recent historic decline was forecasted to continue but at a slower pace of approximately 1% following the general month-to-month pattern of the prior year. Forecasted volumes were developed similar to the residential rate classes. For the medium and large C&I rate categories, the recent level and pattern of in and out customer activity was forecasted to continue and forecasted volumes were based on the normalized average use per customer per month in the same month of the previous two years. The extra large rate class was forecast on the basis of customer specific projections from the key account executives responsible for the accounts to recognize any known and measurable changes. The resulting forecast was an overall average growth rate of one-half percent. This one-half percent annual increase was then forecast to continue over the supply planning period.

An electronic copy of the excel workpapers were previously provided.

Prepared by or under the supervision of:  
Peter Czekanski

Division Data Request 1-11

Request:

Re: Section V. Conversion of Normal Load to Design Load Requirement in the Company's August 22, 2006 Long-Range Gas supply Plan. Please provide the derivation of the "heat per degree factor" referenced at page 8.

Response:

Appendix II shows the calculation of the "heat per degree factor". The use per degree day is calculated by subtracting the estimated baseload use from the total normalized use for the December 2005 to March 2006 forecast period and dividing the result by the normal degree days for the same period.

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-12

Request:

Some gas utilities have argued that they have experienced declining use per customer in recent years, particularly for residential and commercial heating service customers. Please document any such trends in gas use per customer that the Company has identified and provide the data and analyses used to identify those trends.

Response:

Gas use per customer has behaved erratically over time but with a long term downward trend. Use per residential heating customer has declined more than 30% over the last 32 years. However, that decline has been characterized by significant drops over periods of a few years and modest increases at other times. Over the same time period Rhode Island has consolidated from 5 gas companies to one, making long term trend analyses based on actual use impractical.

The Company is still in the process of evaluating this past winter. It appears that there was a noticeable reduction in use per customer but the reduced consumption may also have been associated with the weather normalization technologies under an unusually warm winter. Likewise, it is unclear what roll or effect the extreme price increase or hurricanes may have had or how long the impact of the price increase or hurricane scare may persist. Also see the Company's reply to data request DIV 1-03(b).

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-13

Request:

Please provide the data, analyses and assumptions upon which the Company relies to assess peak gas use by rate class under design peak day conditions, as well as any changes in the relationship between degree days and design day use by rate class in recent years.

Response:

The Company does not have the information to assess peak gas use by rate class. The Long Range Plan is based strictly on the aggregated forecast of all customer loads that depend on the portfolio for supply service. It excludes transportation customers who are grandfathered or who have declined sales service at the time they began firm service.

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-14

Request:

Please provide the number of days in each of the last 20 years that each of the Company's propane facilities has been operated for purposes other than testing and verification of operational status. Also, please indicate the amount of propane capacity used for each facility on peak day of each year.

Response:

Providence Gas eliminated its last propane facility approximately 15 years ago.

Valley Gas virtually discontinued use of its facility in Cumberland when peaking supplies became available from Pawtucket Power other than for testing and emergency use. When Pawtucket Power discontinued its pipeline and supply contracts, the Company resumed using propane during peak periods.

A table showing the use of the facility over the last 5 years is attached. There was no use of the facility in the 2001/2002 or the 2005/2006 winters.

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Gary Beland



Propane Vaporization

	MMBtu
1/15/2003	620
1/16/2003	3968
1/17/2003	5792
1/18/2003	6120
1/19/2003	6198
1/20/2003	3309
1/21/2003	6591
1/22/2003 Peak Day	6893
1/23/2003	7026
1/24/2003	3309
1/25/2003	0
1/26/2003	1712
1/27/2003	7836
1/28/2003	2452
2/13/2003	6268
2/14/2003	1619
2/26/2003	4397
1/9/2004	6919
1/10/2004	5908
1/11/2004	0
1/12/2004	0
1/13/2004	0
1/14/2004	8132
1/15/2004 Peak Day	10070
1/16/2004	8832
1/17/2004	0
1/18/2004	0
1/19/2004	1618
1/20/2004	0
1/21/2004	0
1/22/2004	0
1/23/2004	4948
1/24/2004	7951
1/25/2004	6449
1/26/2004	5475
2/24/2004	838
1/18/2005 Peak Day	2420
1/19/2005	2710
1/20/2005	1180
1/21/2005	4876
1/22/2005	3332
1/23/2005	0
1/24/2005	4808
1/25/2005	4420
1/26/2005	2788
1/27/2005	4353
1/28/2005	6214
1/29/2005	1535
1/30/2005	3075
1/31/2005	1860

Division Data Request 1-15

Request:

Re: page 16 of the Company's Long-Range Gas Supply Plan, submitted August 22, 2006. Please provide the data and analyses relied upon to support the assertion that "basis for winter deliveries has increased sharply since late 2003. Also, please provide a history of basis costs the most recent 10-year period.

Response:

The reference was to New England basis and the only points in New England that the Company makes forward purchases of basis are Dracut and Beverly, Massachusetts where we have capacity on Tennessee Pipeline from Dracut to city gate and on Algonquin Pipeline from Beverly to city gate. Historical basis information at a number of major points is available from various industry publications. Trading at Dracut, Massachusetts did not begin until late 1999 or early 2000, around the time Maritimes and Northeast Pipeline was completed.

For the 2003/04 winter the Company purchased a baseload supply at Dracut for November through March at a basis of \$1.28, for 2004/05 winter, \$1.95 and for the 2005/2006 winter, \$2.12. The 2005/06 purchase was made in June, long before the hurricanes struck. Following the hurricanes basis at Dracut and Beverly for a November to March supply traded at close to \$4.00. Basis quotes for the coming winter have been in the \$2.50 to \$3.00 range for much of the summer but have come down to the low \$2.00 range as prices have dropped. In the late 1990's it was common for a New England city gate delivered baseload winter supply to trade at a basis of eighty cents to a dollar.

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-16

Request:

Re: Appendix IV, Schedule 3, of the August 22, 2006, Long-Range Gas Supply Plan. Please document the Company's evaluation of demand-side alternatives for meeting short duration peak supply requirements that appear to represent more than 20% of the Company's total design firm sendout requirements.

Response:

Other than the interruption of non-firm sales customers, which the Company uses as a strategy today, the Company is not aware of any significant demand-side alternatives that would be available to it that would meet short duration peaking needs. The use of supplies arranged by or for large customers with alternative fuel capability such as electric generators or industrial customers has been used where possible. Many industrial customers with alternate fuel capability are on transportation service and are unavailable as a peaking resource because their agreement with their supplier does not allow the resale of their supply when they are interrupted

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-17

Request:

Re: Appendix IV, Schedule 3, of the August 22, 2006, Long-Range Gas Supply Plan. Please:

- a. Document the basis for the Company's assumed 0.5% growth rate for design sendout requirements.
- b. Explain why the assumed rate of growth in design sendout is appropriate in the context of what appear to be more than 3% reductions in forecasted design sendout requirements for the years 2005-06, 2006-07 and 2007-08 when compared with comparable data in the Company's January 30, 2004 Long Range Gas Supply Plan.

Response:

- a. For the last several years the Company has experienced new customer additions of roughly 1%. This growth through new customers is offset by an assumed .5% year reduction in use per customer resulting in a projected net growth rate of .5%.
- b. The forecasted design winter sendout for December 2005 to March 2006 increased from 23,906,406 Dt in the 2004 Plan to 23,924,915 Dt in the 2006 Plan. Actual design winter demand growth closely tracked plan assumptions in the 2004 Plan which also was based on an assumed growth rate of .5% per year. The differences in the April to October load forecasts had no effect on the conclusions of the study because supply needs in those months are met almost entirely by pipeline supplies rather than storage.

Prepared by or under the supervision of:  
Gary Beland

Division Data Request 1-18

Request:

Please document any and all purchases of gas made by the Company during the winter of 2005-06 at prices in excess of \$15.00 per dekatherm. For each purchase identified, please include in this response:

- a. The date of the purchase
- b. The volume purchased
- c. The actual price paid
- d. The actual delivered cost of the gas purchased

Response:

See attached worksheet.

Prepared by or under the supervision of:  
Gary Beland

**National Grid RI  
 RIPUC Docket # 3766  
 Issued September 22, 2006  
 Division Data Request 1-18**

<b>Purchase Date</b>	<b>GDD Price</b>	<b>Receipt Volume</b>	<b>Total Delivered Cost</b>
12/6/2005	\$15.620	3,674	\$16.177
12/6/2005	\$15.340	3,934	\$15.885
12/6/2005	\$15.400	5,614	\$15.604
12/6/2005	\$15.512	8,000	\$15.525
12/6/2005	\$15.620	11,430	\$15.834
12/8/2005	\$15.480	100	\$15.649
12/8/2005	\$15.480	2,845	\$15.908
12/8/2005	\$15.480	3,674	\$16.032
12/8/2005	\$15.345	3,934	\$15.890
12/8/2005	\$15.270	8,000	\$15.283
12/9/2005	\$15.590	3,674	\$16.145
12/9/2005	\$15.300	3,934	\$15.844
12/9/2005	\$15.359	5,908	\$15.372
12/9/2005	\$15.060	14,141	\$15.261
12/10/2005	\$15.468	1,908	\$15.481
12/10/2005	\$15.255	2,328	\$15.799
12/10/2005	\$15.925	3,674	\$16.492
12/10/2005	\$15.780	3,934	\$16.340
12/10/2005	\$15.085	4,204	\$15.618
12/10/2005	\$15.215	14,141	\$15.418
12/11/2005	\$15.468	1,908	\$15.481
12/11/2005	\$15.255	2,328	\$15.799
12/11/2005	\$15.925	3,674	\$16.492
12/11/2005	\$15.780	3,934	\$16.340
12/11/2005	\$15.085	4,204	\$15.618
12/11/2005	\$15.215	14,141	\$15.418
12/12/2005	\$15.468	1,908	\$15.481
12/12/2005	\$15.255	2,328	\$15.799
12/12/2005	\$15.925	3,674	\$16.492
12/12/2005	\$15.780	3,934	\$16.340
12/12/2005	\$15.085	4,204	\$15.618
12/12/2005	\$15.215	14,141	\$15.418
12/13/2005	\$15.200	2,328	\$15.742
12/13/2005	\$16.895	3,674	\$17.495
12/13/2005	\$16.845	3,934	\$17.441
12/13/2005	\$15.545	4,204	\$16.094
12/13/2005	\$16.895	4,660	\$17.341
12/13/2005	\$16.895	6,352	\$17.126
12/13/2005	\$17.146	8,000	\$17.159
12/13/2005	\$16.235	14,141	\$16.447
12/14/2005	\$15.300	587	\$17.804
12/14/2005	\$15.260	599	\$18.003
12/14/2005	\$15.260	957	\$17.231

**National Grid RI  
RIPUC Docket # 3766  
Issued September 22, 2006  
Division Data Request 1-18**

<b>Purchase Date</b>	<b>GDD Price</b>	<b>Receipt Volume</b>	<b>Total Delivered Cost</b>
12/14/2005	\$15.260	1,010	\$17.660
12/14/2005	\$15.260	1,010	\$17.767
12/14/2005	\$15.300	1,876	\$17.352
12/14/2005	\$15.155	2,083	\$16.594
12/14/2005	\$15.785	2,328	\$16.347
12/14/2005	\$17.345	2,845	\$17.580
12/14/2005	\$15.250	3,489	\$16.697
12/14/2005	\$17.345	3,674	\$17.960
12/14/2005	\$17.075	3,934	\$17.678
12/14/2005	\$16.190	4,204	\$16.760
12/14/2005	\$17.345	4,660	\$17.797
12/14/2005	\$17.201	8,000	\$17.214
12/14/2005	\$16.500	14,141	\$16.714
12/15/2005	\$16.155	108	\$16.319
12/15/2005	\$15.010	2,328	\$15.546
12/15/2005	\$16.155	3,674	\$16.730
12/15/2005	\$15.925	3,934	\$16.490
12/15/2005	\$15.335	4,204	\$15.877
12/15/2005	\$15.996	8,000	\$16.009
12/15/2005	\$15.675	11,748	\$15.882
12/16/2005	\$15.060	3,674	\$15.598
12/20/2005	\$15.115	3,674	\$15.654
12/20/2005	\$15.125	3,934	\$15.663
12/20/2005	\$15.035	7,127	\$15.235
12/20/2005	\$15.246	8,000	\$15.259
12/20/2005	\$15.115	11,835	\$15.322
12/21/2005	\$15.265	3,674	\$15.810
12/21/2005	\$15.195	3,934	\$15.735
12/21/2005	\$15.265	4,660	\$15.690
12/21/2005	\$15.458	8,000	\$15.471
12/21/2005	\$15.265	9,176	\$15.475
12/21/2005	\$15.195	14,454	\$15.398

Division Data Request 1-19

Request:

Please provide data comparable to that in Appendix IV, Schedule 2, of the Company's August 22, 2006 Long-Range Gas Supply Plan, for each of the five winter periods immediately preceding the 2005-06 Winter.

Response:

Attached are four preceding winters prior to the 2005-06 winter period in the same format as Appendix VI, Schedule 2 of the Long Range Gas Supply Plan. The data for the fifth year 2000-01 was not available since we did not have a Design Plan for Valley Gas integrated into the Rhode Island system at that time.

Prepared by or under the supervision of:  
Gary Beland





NEW ENGLAND GAS COMPANY - R.I. SERVICE AREA

CITY GATE AVAILABILITY AND ESTIMATED USAGE OF WINTER SUPPLY CONTRACTS

2002-03 Winter

Sources of Supply	Available at			City Gate Used		Available at		City Gate Used	
	Daily Available City Gate Dth	Dec and Jan	City Gate Used December	January	February	City Gate February	Total Winter	City Gate February	Total Winter
Tenn Zn0	2,987	91,977	91,977	91,977	83,076	83,076	267,030	267,030	267,030
Tenn Zn1	7,033	218,023	218,023	218,023	196,924	196,924	632,970	632,970	632,970
Tenn Valley	7,035	218,085	208,455	218,085	196,980	196,980	633,150	633,150	633,150
Gulf Suppliers	12,300	381,300	381,300	381,300	344,400	308,886	1,107,000	1,071,498	1,071,498
Tetco Sx	13,970	433,070	433,070	433,070	391,160	391,160	1,257,300	1,257,300	1,257,300
Tetco Ela	16,054	497,674	497,674	497,674	449,512	449,512	1,444,860	1,444,860	1,444,860
Tetco Wla	7,964	246,884	246,884	246,884	222,992	222,992	716,760	716,760	716,760
Tetco Etx	7,464	231,384	231,384	231,384	208,992	208,992	671,760	671,760	671,760
Tetco to NF	882	27,652	24,084	24,084	24,976	24,976	80,280	80,280	80,280
Tetco to Dorn	537	16,647	15,915	16,430	15,036	14,840	48,330	47,085	47,085
Tetco to B&W	2,073	64,263	62,345	64,263	58,044	58,044	186,570	184,652	184,652
Texas Gas	756	23,436	23,436	23,436	21,168	21,168	68,040	68,040	68,040
<b>Total Gulf Supplies</b>	<b>79,045</b>	<b>2,450,395</b>	<b>2,434,447</b>	<b>2,450,178</b>	<b>2,213,260</b>	<b>2,177,560</b>	<b>7,114,050</b>	<b>7,062,185</b>	<b>7,062,185</b>
<b>Percent of Capability used</b>			<b>99.3%</b>	<b>100.0%</b>		<b>98.4%</b>			<b>99.3%</b>
Col Maume	29,685	920,235	920,235	920,235	831,180	831,180	2,671,650	2,671,650	2,671,650
Broadrun	9,885	306,745	306,745	306,745	277,060	277,060	890,550	890,550	890,550
Dominion	2,898	89,838	72,583	86,850	81,144	81,060	260,820	240,493	240,493
ANE	3,374	31,000	31,000	31,000	28,000	28,000	90,000	90,000	90,000
M3 Delivered	15,000	104,584	104,584	104,584	94,472	72,840	303,660	282,028	282,028
Dracut	7,377	228,687	181,963	225,587	420,000	420,000	1,350,000	1,346,532	1,346,532
Col to AGT	876	24,084	27,156	24,084	24,528	24,528	78,840	75,768	75,768
National Fuel	1,067	33,077	33,077	33,077	29,876	29,876	96,030	96,030	96,030
Niagara	5,900	164,300	33,775	63,000	148,400	135,074	477,000	231,849	231,849
Dist FCS Vap	76,472	2,370,632	2,189,588	2,263,244	2,141,216	2,106,174	6,882,480	6,539,006	6,539,006
<b>Total Northeast Supplies</b>			<b>91.5%</b>	<b>95.5%</b>		<b>98.4%</b>			<b>95.0%</b>
<b>Percent of Capability used</b>									

STORAGE SUPPLIES (b)

Sources of Supply	Available at			City Gate Used		Available at		City Gate Used	
	Daily Available City Gate Dth	December	City Gate Used December	January	February	City Gate February	Total Winter	City Gate February	Total Winter
TENN 8995	2,949	91,419	43,498	91,419	82,572	82,572	265,410	265,410	265,410
TENN 501	4,255	131,905	100,631	131,905	119,140	119,140	382,950	351,676	351,676
GSS 600018	2,584	70,091	28,787	70,091	68,897	63,308	203,490	199,556	199,556
GSSTE 600003	8,539	231,620	166,222	231,620	166,222	209,206	150,136	672,446	482,580
GSSTE 600042	190	5,154	3,705	5,154	4,655	4,655	14,963	13,514	13,514
GSSII 400004	2,016	54,684	54,684	54,684	54,009	49,392	38,124	156,760	146,817
GSS 300140	1,371	42,030	34,274	42,030	42,030	33,590	117,650	109,894	109,894
GSS 300141	5,210	157,992	81,720	157,992	127,645	118,612	443,629	358,324	358,324
SS-1 400221	13,957	237,072	237,072	306,809	285,129	285,129	829,010	829,010	829,010
FSS-1 400515	832	11,328	11,328	14,726	13,594	13,594	39,648	39,648	39,648
TEICO 400185	647	10,398	5,520	13,519	12,479	6,900	36,396	19,596	19,596
NF ESS 1488	286	8,866	8,866	8,866	8,008	8,008	25,740	25,740	25,740
COL FSS38010	2,513	80,000	31,353	80,000	73,805	60,000	220,000	158,603	158,603
<b>TOTAL STORAGE</b>	<b>45,449</b>	<b>1,132,559</b>	<b>807,680</b>	<b>1,208,815</b>	<b>1,113,217</b>	<b>1,068,717</b>	<b>3,410,081</b>	<b>2,837,752</b>	<b>2,837,752</b>
<b>Percent of Capability used</b>			<b>71.3%</b>	<b>92.1%</b>		<b>85.8%</b>			<b>83.2%</b>

(b) Available storage was assumed to have not hit any of its ratchet down levels in the above table. Some contracts have less available daily and monthly when the inventories are drawn down below a specified level.

Total Pipeline and Storage

Daily Available City Gate Dth	Available at		City Gate Used		Available at		City Gate Used	
	December	City Gate December	January	City Gate January	February	City Gate February	Total Winter	City Gate Total Winter
200,966	5,953,586	5,411,685	6,029,842	5,828,639	5,423,193	5,200,610	17,406,621	16,436,943
		<b>90.9%</b>		<b>96.6%</b>		<b>95.9%</b>		<b>94.4%</b>

Percent of Capability used

NEW ENGLAND GAS COMPANY - R.I. SERVICE AREA

CITY GATE AVAILABILITY AND ESTIMATED USAGE OF WINTER SUPPLY CONTRACTS

Sources of Supply	Available at			City Gate Used		Available at		City Gate Used	
	Daily Available City Gate Dth	Dec and Jan	City Gate	December	January	February	City Gate	February	Total Winter
2003-04 Winter									
TENN ZONE 0	2,987	91,977	86,043	91,977	91,977	86,043	269,997	269,997	86,043
TENN ZONE 1	7,033	218,023	218,023	218,023	218,023	203,957	640,003	640,003	203,957
TENN DRACUT	15,000	465,000	465,000	465,000	465,000	435,000	1,365,000	1,365,000	435,000
TETCO STX	13,198	409,138	409,138	409,138	409,138	382,742	1,201,018	1,201,018	382,742
TETCO WLA	6,964	215,884	215,884	215,884	215,884	201,956	633,724	633,724	201,956
TETCO ELA	4,504	477,524	477,524	477,524	477,524	446,716	1,401,764	1,401,764	446,716
TETCO ETX	9,886	306,466	306,466	306,466	306,466	286,694	899,626	899,626	286,694
TETCO - NF	883	27,373	27,373	27,373	27,373	25,607	80,353	80,353	25,607
HUBLINE	4,449	137,919	137,919	137,919	137,919	129,021	404,859	404,859	129,021
M3 DELIVERED	6,818	205,158	205,158	198,540	189,734	191,922	602,238	586,814	602,238
MAUMEE SUP	29,885	920,235	920,235	920,235	920,235	860,865	2,701,335	2,701,335	860,865
BROADRUN COL	9,895	306,745	306,745	306,745	306,745	286,955	900,445	900,445	286,955
COLUMBIA AGT	7,377	228,687	228,687	228,687	228,687	213,933	671,307	671,307	213,933
TRANSCO DOM	134	4,154	4,154	4,154	4,154	3,886	12,194	12,194	3,886
TRAN WHARTON	60	1,860	1,860	1,860	1,860	1,740	5,460	5,460	1,740
TETCO B&W	2,075	64,325	64,325	62,250	62,250	60,175	188,825	184,675	60,175
DOMINION B&W	531	16,461	16,461	16,461	16,461	15,399	48,321	48,321	15,399
TEXGAS DOM	738	22,878	22,878	22,878	22,878	21,402	67,158	67,158	21,402
ANE	1,000	31,000	31,000	31,000	31,000	29,000	91,000	91,000	29,000
NIAGARA	1,067	33,077	33,077	33,077	33,077	30,943	97,097	97,097	30,943
TENN ZNO VGC	6,465	200,415	200,415	194,678	188,076	187,485	585,315	580,239	187,485
TENN ZN1 VGC	12,870	398,970	398,970	398,970	398,970	373,230	1,171,170	1,171,170	373,230
DISTRIFCS (a)	5,300	164,300	143,300	143,300	143,799	153,700	482,300	415,998	153,700
<b>TOTAL PIPELINE</b>	<b>159,599</b>	<b>4,947,569</b>	<b>4,911,427</b>	<b>4,907,530</b>	<b>4,911,427</b>	<b>4,628,371</b>	<b>14,523,509</b>	<b>14,420,340</b>	<b>99%</b>

(a) Only volumes taken as Vapor are shown in the respective monthly totals. 20,501 Dth in January and 24,800 Dth in February were taken as liquid.

STORAGE SUPPLIES (b)	Available at		City Gate Used		Available at		City Gate Used	
	Daily Available City Gate Dth	December	December	January	January	February	February	Total Winter
TENN 8995	2,949	91,419	53,082	91,419	55,038	67,827	268,359	175,947
TENN 501	4,255	131,905	136,431	131,905	136,431	123,395	387,205	400,491
GASTE 600003	8,634	267,654	258,168	267,654	258,168	250,386	785,694	766,722
GASTE 600042	179	4,855	4,025	4,855	3,938	3,759	14,253	11,722
GSS 600018	2,587	70,172	19,403	70,172	51,445	63,382	203,726	129,485
GSSII 400004	2,016	54,684	5,825	7,223	5,702	49,392	111,299	18,284
GSS 300140	1,371	42,030	32,875	40,765	35,361	33,590	116,385	106,371
GSS 300141	5,210	157,992	98,894	141,321	108,994	141,321	440,635	340,921
SS-1 400221	13,978	317,492	317,492	317,492	317,492	297,009	931,993	931,993
FSS-1 400515	933	14,726	8,667	14,726	14,726	14,160	43,612	37,553
TETCO 400185	657	13,517	10,398	13,517	13,517	12,998	40,032	36,913
NF ESS 1488	275	8,525	8,525	8,525	8,525	7,975	25,025	25,025
COL FS 38010	2,516	80,000	77,986	80,000	77,986	60,000	220,000	175,913
<b>TOTAL STORAGE</b>	<b>45,558</b>	<b>1,254,972</b>	<b>1,031,781</b>	<b>1,189,575</b>	<b>1,087,333</b>	<b>1,143,670</b>	<b>3,588,217</b>	<b>3,157,350</b>

(b) Available storage was assumed to have not hit any of its ratchet down levels in the above table. Some contracts have less available daily and monthly when the inventories are drawn down below a specified level.

Total Pipeline and Storage	Daily Available City Gate Dth	Available at City Gate December	City Gate Used December	Available at City Gate January	City Gate Used January	Available at City Gate February	City Gate Used February	Available at City Gate Total Winter	City Gate Used Total Winter
	205,157	6,202,541	5,939,311	6,189,844	5,998,760	5,772,041	5,639,619	18,164,426	17,577,690
<b>Percent of Capability used</b>			<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>96%</b>	<b>96%</b>	<b>96.0%</b>	<b>96.8%</b>

