

October 30, 2008

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 3982 – National Grid Gas Cost Recovery 2008
Responses to Division Data Requests – Set 2**

Dear Ms. Massaro:

Enclosed please find ten (10) copies of National Grid's¹ responses to the second set of data requests issued by the Rhode Island Division of Public Utilities and Carrier's ("Division") in the above-captioned proceeding.

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

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 3982 Service List
Paul Roberti, Esq.
Steve Scialabba, Division

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

DIV 2-1

Request:

For the 12 months ended June 30, 2008 and for the 12 months ended June 30, 2007, please identify each day on which the Company made daily spot purchases of gas; and for each day identified, provide:

- a. The volumes of gas purchased
- b. The price(s) paid per Dth for the gas volumes purchased

Response:

- a. & b. The gas purchases and prices paid for supply purchases at daily spot index prices are shown in the attached table.

Swing Purchases

	<u>Swing Volume MMBTU</u>	<u>Price per dth</u>
07/08/2006	3000	\$5.383800
07/09/2006	3000	\$5.383800
07/10/2006	3000	\$5.383800
07/12/2006	2000	\$5.823620
08/19/2006	2000	\$7.036660
08/20/2006	2000	\$7.036660
08/21/2006	2000	\$7.036660
08/26/2006	2500	\$7.792240
08/27/2006	2500	\$7.792240
08/28/2006	2500	\$7.792240
08/29/2006	9500	\$6.917023
08/30/2006	9500	\$6.685772
08/31/2006	10700	\$6.778058
09/01/2006	4000	\$6.068865
09/02/2006	2000	\$5.340460
09/03/2006	2000	\$5.340460
09/04/2006	2000	\$5.340460
09/05/2006	2000	\$5.340460
09/07/2006	2000	\$6.039500
09/09/2006	1000	\$5.571480
09/10/2006	1000	\$5.571480
09/11/2006	1000	\$5.571480
09/12/2006	4000	\$5.673180
09/13/2006	5000	\$5.961240
09/14/2006	7000	\$5.719230
09/15/2006	6000	\$5.300007
09/16/2006	6000	\$4.613913
09/17/2006	6000	\$4.613913
09/18/2006	6000	\$4.613913
09/19/2006	6000	\$5.294503
09/20/2006	6000	\$5.302760
09/21/2006	5000	\$5.128722
09/22/2006	3000	\$4.860863
09/23/2006	5500	\$4.646055
09/24/2006	5500	\$4.646055
09/25/2006	5500	\$4.646055
09/26/2006	4000	\$4.515363
09/27/2006	3000	\$4.598810
09/28/2006	5500	\$4.604625
09/29/2006	5500	\$4.604625
09/30/2006	5500	\$4.604625
10/05/2006	4000	\$4.645430
10/06/2006	3000	\$4.979047
10/07/2006	4000	\$4.671125
10/08/2006	4000	\$4.671125
10/09/2006	4000	\$4.671125
10/10/2006	4000	\$5.364855
10/11/2006	4000	\$5.462493

Swing Purchases

	Swing Volume MMBTU	Price per dth
10/12/2006	6000	\$6.114617
10/13/2006	15500	\$5.528905
10/14/2006	20000	\$4.561654
10/15/2006	20000	\$4.561654
10/16/2006	20000	\$4.561654
10/17/2006	25000	\$5.422105
10/18/2006	12000	\$6.623849
10/19/2006	12000	\$6.443993
10/20/2006	15000	\$7.214688
10/21/2006	26000	\$7.307975
10/22/2006	26000	\$7.307975
10/23/2006	26000	\$7.307975
10/24/2006	30000	\$7.871677
10/25/2006	49000	\$7.738041
10/26/2006	65000	\$7.883748
10/27/2006	68000	\$8.500979
10/28/2006	50000	\$7.874672
10/29/2006	50000	\$7.874672
10/30/2006	50000	\$7.874672
11/03/2006	22000	\$7.796474
11/04/2006	15000	\$7.548267
11/05/2006	15000	\$7.548267
11/06/2006	15000	\$7.548267
12/02/2006	12000	\$8.930313
12/03/2006	12000	\$8.930313
12/04/2006	12000	\$8.930313
12/05/2006	11000	\$8.400730
12/06/2006	7000	\$7.783274
12/07/2006	15000	\$7.904045
12/08/2006	26000	\$8.414418
12/09/2006	15000	\$7.935642
12/10/2006	15000	\$7.935642
12/11/2006	15000	\$7.935642
12/12/2006	27000	\$7.340094
12/13/2006	16000	\$7.465245
12/16/2006	4000	\$7.320985
12/17/2006	4000	\$7.320985
12/18/2006	4000	\$7.320985
12/19/2006	15700	\$7.058264
12/20/2006	15700	\$6.702542
12/21/2006	15700	\$6.895636
12/22/2006	15000	\$6.546175
12/23/2006	15700	\$6.262678
12/24/2006	15700	\$6.262678
12/25/2006	15700	\$6.262678
12/26/2006	15700	\$6.262678
12/27/2006	10000	\$5.995254
12/29/2006	15000	\$5.954392

Swing Purchases

	Swing Volume MMBTU	Price per dth
12/30/2006	15000	\$5.954392
12/31/2006	15000	\$5.954392
01/01/2007	7300	\$5.825836
01/02/2007	7300	\$5.825836
01/13/2007	7300	\$6.467397
01/14/2007	7300	\$6.467397
01/15/2007	7300	\$6.467397
01/16/2007	7300	\$6.467397
01/17/2007	44278	\$9.072266
01/18/2007	15121	\$7.337541
01/20/2007	30121	\$7.137930
01/21/2007	30121	\$7.137930
01/22/2007	30121	\$7.137930
01/23/2007	10621	\$7.856167
01/24/2007	35121	\$8.792293
01/25/2007	30121	\$11.371805
01/26/2007	39121	\$10.481446
01/27/2007	22121	\$8.280783
01/28/2007	22121	\$8.280783
01/29/2007	22121	\$8.280783
01/30/2007	30266	\$8.578208
01/31/2007	29449	\$8.596898
02/01/2007	9966	\$8.361773
02/02/2007	15121	\$8.563921
02/03/2007	51177	\$10.897660
02/04/2007	51177	\$10.897660
02/05/2007	51177	\$10.897660
02/06/2007	46177	\$14.419345
02/07/2007	46177	\$10.713864
02/08/2007	46177	\$9.495851
02/09/2007	46177	\$9.652823
02/10/2007	36008	\$9.285978
02/11/2007	36008	\$9.285978
02/12/2007	36008	\$9.285978
02/13/2007	43584	\$9.475820
02/14/2007	39164	\$10.471082
02/15/2007	33121	\$11.573013
02/16/2007	30121	\$11.354539
02/17/2007	30121	\$9.703484
02/18/2007	30121	\$9.703484
02/19/2007	30121	\$9.703484
02/20/2007	30121	\$9.703484
02/21/2007	10000	\$7.809607
02/22/2007	32764	\$8.138223
02/23/2007	47484	\$8.268663
02/24/2007	35664	\$8.264904
02/25/2007	35664	\$8.264904
02/26/2007	35664	\$8.264904

Swing Purchases

	Swing Volume MMBTU	Price per dth
02/27/2007	4208	\$8.318840
02/28/2007	14600	\$8.076699
03/01/2007	18000	\$7.755488
03/02/2007	11600	\$7.597733
03/03/2007	21300	\$7.832990
03/04/2007	21300	\$7.832990
03/05/2007	21300	\$7.832990
03/06/2007	61502	\$10.938735
03/07/2007	65291	\$11.949641
03/08/2007	65291	\$9.836973
03/09/2007	59100	\$8.135850
03/10/2007	5000	\$7.630898
03/11/2007	5000	\$7.630898
03/12/2007	5000	\$7.630898
03/16/2007	30000	\$7.772362
03/17/2007	40000	\$7.728588
03/18/2007	40000	\$7.728588
03/19/2007	40000	\$7.728588
03/20/2007	41500	\$7.516142
03/21/2007	38600	\$7.550933
03/23/2007	17000	\$7.691665
03/24/2007	27000	\$7.705544
03/25/2007	27000	\$7.705544
03/26/2007	27000	\$7.705544
04/01/2007	39000	\$8.033446
04/02/2007	39000	\$8.033446
04/03/2007	39000	\$8.171254
04/04/2007	56000	\$8.258671
04/05/2007	76000	\$8.271983
04/06/2007	75000	\$8.319669
04/07/2007	75000	\$8.319669
04/08/2007	75000	\$8.319669
04/09/2007	75000	\$8.319669
04/10/2007	75000	\$8.550457
04/11/2007	53000	\$8.412519
04/12/2007	64000	\$8.725529
04/13/2007	28000	\$8.471649
04/14/2007	48000	\$8.500031
04/15/2007	48000	\$8.500031
04/16/2007	48000	\$8.528565
04/17/2007	48000	\$8.528565
04/18/2007	70000	\$8.351454
04/19/2007	70000	\$8.345418
04/20/2007	45000	\$8.065389
05/01/2007	4500	\$8.218007
05/02/2007	4000	\$8.211608
05/22/2007	10000	\$8.406814

Swing Purchases

	<u>Swing Volume MMBTU</u>	<u>Price per dth</u>
07/06/2007	2000	\$6.737120
07/07/2007	3000	\$6.654960
07/08/2007	3000	\$6.654960
07/09/2007	3000	\$6.654960
07/11/2007	6000	\$6.897425
07/12/2007	5000	\$7.117110
07/13/2007	4000	\$6.759305
07/14/2007	4000	\$6.800395
07/15/2007	4000	\$6.800395
07/16/2007	4000	\$6.800395
07/17/2007	4000	\$6.754170
07/18/2007	6000	\$6.748485
07/19/2007	7000	\$6.568579
07/20/2007	4000	\$6.867168
07/21/2007	4000	\$6.846623
07/22/2007	4000	\$6.846623
07/23/2007	4000	\$6.846623
07/24/2007	4000	\$6.410040
07/25/2007	6000	\$6.096235
07/26/2007	4000	\$5.994005
07/27/2007	5500	\$6.249849
07/28/2007	5000	\$6.167136
07/29/2007	5000	\$6.167136
07/30/2007	5000	\$6.167136
07/31/2007	3000	\$6.773067
08/01/2007	2000	\$6.798740
08/02/2007	2000	\$6.490640
08/03/2007	2000	\$6.675500
08/04/2007	1500	\$6.461927
08/05/2007	1500	\$6.461927
08/06/2007	1500	\$6.461927
08/07/2007	2000	\$6.382805
08/08/2007	2000	\$6.701175
08/09/2007	5000	\$6.613880
08/10/2007	2000	\$6.829550
08/11/2007	2000	\$6.916845
08/12/2007	2000	\$6.916845
08/13/2007	2000	\$6.916845
08/14/2007	2000	\$7.517640
08/21/2007	2000	\$6.680635
08/22/2007	4000	\$5.935001
08/23/2007	6500	\$6.018671
08/24/2007	6500	\$5.926234
08/25/2007	7000	\$5.900936
08/26/2007	7000	\$5.900936

Swing Purchases

	Swing Volume MMBTU	Price per dth
08/27/2007	7000	\$5.900936
08/28/2007	9000	\$5.608027
08/29/2007	7500	\$5.838875
08/30/2007	5550	\$5.931081
08/31/2007	4600	\$5.793261
09/01/2007	2500	\$5.721504
09/02/2007	2500	\$5.721504
09/03/2007	2500	\$5.721504
09/04/2007	2500	\$5.721504
09/15/2007	4000	\$6.497358
09/16/2007	4000	\$6.497358
09/17/2007	4000	\$6.497358
09/18/2007	1500	\$6.708487
09/19/2007	2000	\$6.690905
09/20/2007	3000	\$6.593340
09/21/2007	2000	\$6.336590
09/22/2007	1000	\$6.321190
09/23/2007	1000	\$6.321190
09/24/2007	1000	\$6.321190
10/16/2007	3000	\$7.527910
10/25/2007	5000	\$6.598476
10/26/2007	10000	\$7.029816
10/27/2007	8000	\$6.835518
10/28/2007	8000	\$6.835518
10/29/2007	8000	\$6.835518
10/30/2007	25000	\$7.030716
10/31/2007	25000	\$7.426524
11/06/2007	10000	\$7.363590
11/07/2007	5000	\$7.784660
11/08/2007	25000	\$7.492869
11/09/2007	25000	\$7.077283
11/10/2007	22500	\$6.753761
11/11/2007	22500	\$6.753761
11/12/2007	22500	\$6.753761
11/13/2007	22500	\$7.153814
11/15/2007	32500	\$7.853047
11/16/2007	12000	\$8.108166
11/17/2007	45500	\$7.615587
11/18/2007	45500	\$7.615587
11/19/2007	45500	\$7.615587
11/20/2007	25500	\$7.657247
11/21/2007	15500	\$7.284686
11/22/2007	37500	\$7.255915
11/23/2007	37500	\$7.255915
11/24/2007	37500	\$7.255915
11/25/2007	37500	\$7.255915
11/26/2007	37500	\$7.255915
11/27/2007	17500	\$8.130321

Swing Purchases

	Swing Volume MMBTU	Price per dth
11/28/2007	22500	\$7.982689
11/29/2007	29500	\$7.975888
11/30/2007	29500	\$7.816302
12/01/2007	33000	\$8.025734
12/02/2007	33000	\$8.025734
12/03/2007	33000	\$8.025734
12/04/2007	47000	\$11.069173
12/05/2007	47400	\$9.816871
12/06/2007	56500	\$10.565061
12/07/2007	34000	\$9.544754
12/08/2007	39000	\$8.033115
12/09/2007	39000	\$8.033115
12/10/2007	39000	\$8.033115
12/11/2007	20600	\$7.811573
12/12/2007	37000	\$8.076306
12/13/2007	64000	\$10.765582
12/14/2007	64000	\$10.345210
12/15/2007	64000	\$11.398764
12/16/2007	64000	\$11.398764
12/17/2007	64000	\$11.398764
12/18/2007	64000	\$11.546096
12/19/2007	44000	\$8.662493
12/20/2007	44000	\$8.285924
12/21/2007	52500	\$8.244493
12/22/2007	42100	\$7.775692
12/23/2007	42100	\$7.775692
12/24/2007	42100	\$7.775692
12/25/2007	42100	\$7.775692
12/26/2007	42100	\$7.775692
12/27/2007	13000	\$7.358976
12/28/2007	25000	\$7.383368
12/29/2007	25000	\$7.383368
12/30/2007	25000	\$7.383368
12/31/2007	25000	\$7.383368
01/01/2008	37000	\$9.313060
01/02/2008	37000	\$9.215529
01/03/2008	52900	\$15.478666
01/04/2008	40000	\$10.359601
01/05/2008	5000	\$8.044520
01/06/2008	5000	\$8.044520
01/07/2008	5000	\$8.044520
01/12/2008	10000	\$8.621008
01/13/2008	10000	\$8.621008
01/14/2008	10000	\$8.621008
01/15/2008	23000	\$7.378766
01/16/2008	18000	\$9.296953
01/17/2008	8000	\$8.659750
01/18/2008	17000	\$8.812265

Swing Purchases

	Swing Volume MMBTU	Price per dth
01/19/2008	41365	\$13.643871
01/20/2008	33301	\$17.069553
01/21/2008	33301	\$17.069553
01/22/2008	41365	\$13.763960
01/23/2008	29000	\$10.875887
01/24/2008	33301	\$11.198349
01/25/2008	30301	\$11.714343
01/26/2008	15348	\$8.455797
01/27/2008	15348	\$8.455797
01/28/2008	15348	\$8.455797
01/30/2008	15300	\$8.754239
01/31/2008	15300	\$8.902150
02/01/2008	4014	\$8.850732
02/07/2008	28000	\$8.839812
02/08/2008	20000	\$8.764163
02/09/2008	28500	\$8.965048
02/10/2008	28500	\$8.965048
02/11/2008	28500	\$8.965048
02/12/2008	29805	\$9.649863
02/13/2008	18500	\$9.107929
02/14/2008	38500	\$9.521137
02/15/2008	38500	\$9.331921
02/16/2008	32500	\$9.643378
02/17/2008	32500	\$9.643378
02/18/2008	32500	\$9.643378
02/19/2008	32500	\$9.643378
02/21/2008	47500	\$10.610166
02/22/2008	47500	\$10.145357
02/23/2008	35500	\$9.434738
02/24/2008	35500	\$9.434738
02/25/2008	35500	\$9.434738
02/26/2008	2400	\$9.830963
02/27/2008	20500	\$9.967865
02/28/2008	59000	\$12.730549
02/29/2008	40000	\$10.409231
03/01/2008	37660	\$9.959064
03/02/2008	37660	\$9.959064
03/03/2008	37660	\$9.959064
03/04/2008	20700	\$9.951878
03/05/2008	16700	\$10.014407
03/06/2008	11700	\$10.154048
03/08/2008	19700	\$10.577924
03/09/2008	19700	\$10.577924
03/10/2008	19700	\$10.577924
03/21/2008	10000	\$9.445591
03/22/2008	10000	\$9.445591
03/23/2008	10000	\$9.445591
03/24/2008	10000	\$9.445591

Swing Purchases

	<u>Swing Volume MMBTU</u>	<u>Price per dth</u>
04/01/2008	6000	\$10.627071
04/02/2008	21000	\$10.729692
04/03/2008	26000	\$10.367267
04/04/2008	66500	\$10.507557
04/05/2008	42000	\$10.151615
04/06/2008	42000	\$10.151615
04/07/2008	42000	\$10.151615
04/08/2008	32000	\$10.241701
04/09/2008	20000	\$10.511515
04/10/2008	18500	\$10.659389
04/11/2008	33000	\$10.933696
04/12/2008	13000	\$10.772412
04/13/2008	11842	\$10.773185
04/14/2008	13000	\$10.772412
04/15/2008	13000	\$10.725501
04/16/2008	3500	\$10.867154
05/01/2008	10000	\$11.570433
05/02/2008	6264	\$11.432783
05/09/2008	16961	\$12.011243
05/10/2008	20000	\$12.008450
05/11/2008	19401	\$12.005435
05/12/2008	29462	\$12.015614
05/13/2008	20000	\$12.105029
05/14/2008	10500	\$11.921254
05/15/2008	10500	\$12.321118
05/16/2008	4500	\$12.206062
05/17/2008	2000	\$12.181146
05/18/2008	2000	\$12.181146
05/19/2008	2000	\$12.181146
05/21/2008	7500	\$11.734798
05/22/2008	7000	\$12.127614

DIV 2-2

Request:

Regarding the Company's response to Division Data Request DIV 1-11, please:

- a. Provide the requested response to part (d) of the Division's initial request.
- b. Provide the data relied upon in the response to part (b) to assess the magnitude of variations in the monthly supply requirements of the Company's non-firm gas sales service customers.

Response:

- a. The response to 11-d was provided on October 7th.
- b. Attached is a table comparing the monthly supply requirements for sales sendout from this filing to the actual non-firm sales sendout over the past two years. The experience demonstrated by this data shows that non-firm sales can be significant during the non-heating months but that non-firm sales tend to be a few percent or less of total sales during the heating season. In addition, during the heating season, the Company regularly curtails these sales if they become problematic or if it seems at all possible that they could be problematic.

The variations in sendout from weather during the midwinter season are very substantial. The average mid-winter sendout including firm transportation is around 200,000 DT/day with a low sendout day below 100,000 DT and the high at design conditions of around 350,000 DT. The supply portfolio has the inherent flexibility to manage daily swings of that magnitude. The primary constraint in translating that daily flexibility into monthly flexibility lies in the limitations on LNG supply. This problem is managed through the curtailment of all non-firm loads when excess LNG use could compromise system supply needs.

Historical Non-firm Sales Sendout versus Forecasted Firm Sales Sendout

	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Total
System Sales Sendout*	745,208	776,452	801,792	1,460,795	2,622,717	4,241,840	5,044,293	4,438,288	3,632,328	2,108,674	1,232,306	831,637	27,936,330
Actual Non-firm Sales	144,225	124,690	79,142	95,278	104,074	104,425	63,109	24,309	67,388	84,084	75,877	87,035	1,053,634
Percentage	19.4%	16.1%	9.9%	6.5%	4.0%	2.5%	1.3%	0.5%	1.9%	4.0%	6.2%	10.5%	3.8%
	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Total
System Sales Sendout*	745,208	776,452	801,792	1,460,795	2,622,717	4,241,840	5,044,293	4,438,288	3,632,328	2,108,674	1,232,306	831,637	27,936,330
Actual Non-firm Sales	92,089	100,150	89,637	78,160	135,846	188,837	117,010	199,409	49,533	36,793	36,576	23,023	1,147,064
Percentage	12.4%	12.9%	11.2%	5.4%	5.2%	4.5%	2.3%	4.5%	1.4%	1.7%	3.0%	2.8%	4.1%

* Forecast in This Docket

DIV 2-3

Request:

Regarding the Company's response to Division Data Request DIV 1-12, please provide the underlying data and calculations used to determine the "Normal Distribution" percentage for each month.

Response:

See the attached table.

Four Year Average of Normalized Sendouts for % Calculation

Sendout Excluding All Transportation

	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
2003-04	769,805	835,134	1,901,707	2,817,205	4,610,271	6,772,527	4,588,235	3,942,139	2,395,618	1,222,530	975,731	910,737
2004-05	958,272	964,286	1,783,064	3,012,181	4,544,745	5,719,706	4,479,630	4,355,997	2,033,415	1,749,698	953,873	876,603
2005-06	881,918	875,129	1,687,259	2,576,364	4,772,161	4,177,077	4,521,981	3,722,808	2,012,339	1,426,036	956,294	836,197
2006-07	846,777	888,026	1,598,989	2,249,161	3,539,937	4,644,634	5,079,715	3,951,918	2,607,142	1,173,482	864,281	925,878
2007-08	999,654	957,477	1,226,609	3,126,742	5,050,234	4,864,260	4,635,112	3,700,590				

Non-Firm sales

2003-04	56,906	55,874	120,246	138,112	138,975	35,913	29,885	100,307	117,855	84,832	103,395	130,823
2004-05	161,041	142,923	164,239	150,687	108,019	23,572	46,950	107,144	109,062	104,558	120,911	124,482
2005-06	125,132	117,753	112,134	78,093	56,132	8,709	116,835	127,196	136,354	124,762	133,732	144,098
2006-07	126,490	79,929	93,992	100,412	101,681	62,422	23,657	67,236	84,363	76,884	87,524	97,744
2007-08	93,719	89,559	77,434	69,985	46,155	68,730	113,622	44,033				

Net Sendout

2003-04	712,899	779,260	1,781,461	2,679,093	4,471,296	6,736,614	4,558,350	3,841,832	2,277,763	1,137,698	872,336	779,914
2004-05	797,231	821,363	1,618,825	2,861,494	4,436,726	5,696,134	4,432,680	4,248,853	1,924,353	1,645,140	832,962	752,121
2005-06	756,786	757,376	1,575,125	2,498,271	4,716,029	4,168,368	4,405,146	3,595,612	1,875,985	1,301,274	822,562	692,099
2006-07	720,287	808,097	1,504,997	2,148,749	3,438,256	4,582,212	5,056,058	3,884,682	2,522,779	1,096,598	776,757	828,134
2007-08	905,935	867,918	1,149,175	3,056,757	5,004,079	4,795,530	4,521,490	3,656,557				

Base Sendout

2003-04	774,066	749,096	774,066	749,096	774,066	774,066	724,126	774,066	749,096	774,066	749,096	774,066
2004-05	765,573	740,877	765,573	740,877	765,573	765,573	691,485	765,573	740,877	765,573	740,877	765,573
2005-06	754,454	730,116	754,454	730,116	754,454	754,454	681,442	754,454	730,116	754,454	730,116	754,454
2006-07	706,193	683,413	706,193	683,413	706,193	706,193	637,852	706,193	683,413	706,193	683,413	828,134
2007-08	828,134	801,420	828,134	801,420	828,134	828,134	774,706	828,134				

Heat Sendout

2003-04	0	30,164	1,007,395	1,929,997	3,697,230	5,962,548	3,834,224	3,067,766	1,528,667	363,632	123,240	0
2004-05	0	80,486	853,252	2,120,617	3,671,153	4,930,561	3,741,195	3,483,280	1,183,476	879,567	92,085	0
2005-06	0	27,260	820,671	1,768,155	3,961,575	3,413,914	3,723,704	2,841,158	1,145,869	546,820	92,446	0
2006-07	0	124,684	798,804	1,465,336	2,732,063	3,876,019	4,418,206	3,178,489	1,839,366	390,405	93,344	0
2007-08	0	66,498	321,041	2,255,337	4,175,945	3,967,396	3,746,784	2,828,423				

Degree Days

2003-04	1	31	392	549	894	1,345	921	796	457	197	51	0
2004-05	4	57	403	640	943	1,157	936	928	448	352	42	0
2005-06	0	39	321	567	1,005	856	928	797	427	217	38	0
2006-07	5	77	342	467	748	948	1005	825	541	178	29	0
2007-08	8	38	203	662	993	972	924	782				

Heating use per DD

2003-04	0	973	2,570	3,515	4,136	4,433	4,163	3,854	3,345	1,846	2,416	0
2004-05	0	1,412	2,117	3,313	3,893	4,262	3,997	3,754	2,642	2,499	2,193	0
2005-06	0	699	2,557	3,118	3,942	3,988	4,013	3,565	2,684	2,520	2,433	0
2006-07	0	1,619	2,336	3,138	3,652	4,089	4,396	3,853	3,400	2,193	3,219	0
2007-08	0	1,750	1,581	3,407	4,205	4,082	4,055	3,617				
4 yr avg	0	1,370	2,148	3,244	3,923	4,105	4,115	3,697	3,018	2,264	2,565	0

Normal DD

	1	55	340	591	920	1072	942	800	475	226	49	1
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Normal SO

	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
2003-04									2,337,973	1,191,228	867,503	779,914	5,176,618
2004-05	797,231	818,539	1,485,438	2,699,134	4,347,186	5,333,906	4,456,662	3,768,401	1,995,679	1,330,295	848,310	752,121	28,632,901
2005-06	756,786	768,560	1,623,701	2,573,114	4,380,970	5,029,823	4,461,323	3,606,306	2,004,795	1,323,953	849,323	692,099	28,070,752
2006-07	720,287	772,473	1,500,326	2,537,832	4,066,484	5,089,202	4,779,096	3,788,364	2,298,383	1,201,876	841,132	828,134	28,423,589
2007-08	905,935	924,453	1,373,746	2,932,197	4,579,335	5,207,780	4,481,519	3,714,428					24,119,392

Four Yr Avg	795,060	821,006	1,495,802	2,685,569	4,343,494	5,165,178	4,544,650	3,719,375	2,159,207	1,261,838	851,567	763,067	28,605,813
% of Total	2.78%	2.87%	5.23%	9.39%	15.18%	18.06%	15.89%	13.00%	7.55%	4.41%	2.98%	2.67%	

DIV 2-4

Request:

Regarding the Company's response to Division Data Request DIV 1-13, part (b), please provide requested estimates in dollar terms of the costs and/or savings by month that will result from the proposed changes in minimum inventory levels.

Response:

As described in the original answer to DIV 1-13, the increase in storage available to the marketers in February would equal approximately 2,776 Dekatherms with 1,388 shifted from November to February and 1,388 shifted from April to February. There would be no change to December, January or March. It is unclear how you would place a value on these shifted volumes because the actual result would depend on whether marketers use the additional capability, which is not something that can be readily predicted.

One possible, hypothetical valuation would be to look at the difference between the future value of the gas in February, where the supply available to marketers is being increased by the tariff change, and November and April, which are the months from which the storage rights are being shifted. Using next year's forward pricing on NYMEX the differential between February 2010 and November 2009 is \$.597 per dekatherm. For February 2010 and April 2010 the differential is \$.805 dekatherm. Multiplying those differences by the shifted quantities, the difference in market value would be \$829 higher for the November to February shift and \$1,117 higher for the April to February shift with the change benefiting marketers because they are receiving additional access to supply in February when gas is more expensive.