

January 15, 2009

#### VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE:** Docket 4011 - Standard Offer Reconciliation Report

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's<sup>1</sup> Standard Offer Reconciliation Report ("Report"). The enclosed Report provides the Company's most current projection of the Standard Offer reconciliation balance through December 31, 2009 based on actual revenues through December 2008 and actual expenses through November 2008. The estimated expenses are calculated using estimated fuel index payments based on projected gas and oil futures prices as reported in the *Wall Street Journal* for December 24, 26, and 29, 2008.

Based on the December futures prices, the Company estimates an over-collection of approximately \$5.8 million by the end of September 2009. By the end of December 2009, the Company estimates an over-collection of approximately \$12.8 million.

Attachment 1, page 1, of this Report shows the Company's projected Standard Offer reconciliation balance through December 31, 2009. Pages 2 and 3 of Attachment 1 support the calculation of the Company's estimated Standard Offer revenues and expenses, respectively. Estimated revenues are determined by applying the current Standard Offer Service rate of 9.2¢ per kWh to the Company's forecasted retail Standard Offer deliveries.

Attachment 2 contains the calculation of the estimated monthly fuel index adjustment prices per kWh based on the December 24, 26, and 29, 2008 forecasted fuel prices. Pages 1 and 2 include the projections of natural gas and crude oil prices, respectively. The monthly weighted fuel index adjustments are calculated on page 3.

 $^{\rm 1}$  The Narragansett Electric Company, d/b/a National Grid ("Company").

Luly E. Massaro, Commission Clerk Docket 4011 – Standard Offer Reconciliation Report January 15, 2009 Page 2 of 2

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

Very truly yours,

Thomas R. Teehan

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#### **Enclosures**

cc: Docket 4011 Service List Steve Scialabba, RI Division

### Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate was electronically submitted to the individuals listed below.



January 15, 2009 Date

## National Grid – Annual Reconciliation Retail Tariff Filing Docket No. 4011 Service List Updated 11/25/08

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## **Attachment 1**

# **The Narragansett Electric Company**

Report to the R.I.P.U.C. Standard Offer Reconciliation

Projected Balance for the period October 2008 through December 2009

**Submitted: January 2009** 

# Standard Offer Reconciliation for the period October 2008 through September 2009

#### Projected Balance @ September 30, 2009

	Month	Over(Under) Beginning Balance (a)	Standard Offer <u>Revenue</u> (b)	Standard Offer Base Expense (c)	Fuel Index Payments (d)	Total Standard Offer Expenses (e)	Monthly Over(Under) (f)	Adjustments (g)	Over(Under) Ending Monthly Balance (h)	Monthly Balance Including <u>Unbilled</u> (i)
(1)	Oct-08	\$22,487,122	\$29,189,036	\$33,180,611	\$46,520,758	\$79,701,369	(\$50,512,333)	\$4,507	(\$28,029,718)	(\$2,812,014)
(1)	Nov-08	(\$28,029,718)	\$45,850,371	\$31,718,885	\$24,680,727	\$56,399,612	(\$10,549,241)	\$0	(\$38,578,959)	(\$5,096,523)
(2)	Dec-08	(\$38,578,959)	\$60,877,157	\$33,874,160	\$23,948,436	\$57,822,596	\$3,054,561	\$0	(\$35,524,398)	\$22,110
(2)	Jan-09	(\$35,524,398)	\$64,630,015	\$41,867,984	\$26,086,296	\$67,954,281	(\$3,324,266)	\$0	(\$38,848,664)	(\$11,142,723)
(2)	Feb-09	(\$38,848,664)	\$50,374,438	\$38,875,925	\$22,212,755	\$61,088,680	(\$10,714,242)	\$0	(\$49,562,906)	(\$21,792,553)
(2)	Mar-09	(\$49,562,906)	\$50,491,550	\$38,966,305	\$19,966,920	\$58,933,225	(\$8,441,675)	\$0	(\$58,004,581)	(\$31,839,383)
(2)	Apr-09	(\$58,004,581)	\$47,573,086	\$36,714,012	\$16,590,479	\$53,304,491	(\$5,731,405)	\$0	(\$63,735,986)	(\$38,871,437)
(2)	May-09	(\$63,735,986)	\$45,208,271	\$34,888,992	\$13,267,870	\$48,156,862	(\$2,948,591)	\$0	(\$66,684,577)	(\$40,139,408)
(2)	Jun-09	(\$66,684,577)	\$48,263,944	\$37,247,174	\$10,715,788	\$47,962,963	\$300,981	\$0	(\$66,383,596)	(\$36,308,761)
(2)	Jul-09	(\$66,383,596)	\$54,681,518	\$42,199,867	\$7,693,077	\$49,892,944	\$4,788,574	\$0	(\$61,595,022)	(\$30,901,594)
(2)	Aug-09	(\$61,595,022)	\$55,806,233	\$43,067,854	\$4,954,654	\$48,022,508	\$7,783,726	\$0	(\$53,811,296)	(\$23,879,868)
(2)	Sep-09	(\$53,811,296)	\$54,420,778	\$41,998,644	\$2,794,183	\$44,792,827	\$9,627,951	\$0	(\$44,183,345)	\$5,206,457
(2)	Oct-09	(\$44,183,345)	\$49,389,802				\$49,389,802		\$5,206,457	
Tot	als	\$22,487,122	\$656,756,200	\$454,600,413	\$219,431,945	\$674,032,359	(\$17,276,158)	\$4,507	\$5,206,457	
Inte	erest (3)								\$562,757	
Enc	ding Balance w	rith Interest							\$5,769,214	

- (1) Actual revenues and expenses
- (2) Estimated revenues and expenses
- (3) Interest expense calculation: (22487122 + 5206456.93418066)/2\*((0.0463\*5/12)+(0.0366\*7/12))

NOTE: October 2009 reflects September usage billed in October

<u>Sec</u>	etion 2. Project	Over(Under) Beginning Balance (a)	Standard Offer Revenue (b)	Standard Offer Base Expense (c)	Fuel Index Payments (d)	Total Standard Offer Expenses (e)	Monthly Over(Under) (f)	Adjustments (g)	Over(Under) Ending Monthly Balance (h)	Monthly Balance Including <u>Unbilled</u> (i)
(2)	Oct-09	\$5,769,214	\$0	\$38,116,043	2,516,164	\$40,632,207	(\$40,632,207)		(\$34,862,993)	(\$9,510,899)
(2)	Nov-09	(\$34,862,993)	\$46,094,716	\$35,573,096	2,516,164	\$38,089,260	\$8,005,456		(\$26,857,537)	\$2,051,099
(2)	Dec-09	(\$26,857,537)	\$52,561,157	\$40,563,501	2,529,492	\$43,092,993	\$9,468,164		(\$17,389,374)	\$12,827,416
(2)	Jan-10	(\$17,389,374)	\$30,216,790				\$30,216,790		\$12,827,416	
To	tals	\$5,769,214	\$128,872,663	\$114,252,641	\$7,561,820	\$121,814,460	\$7,058,202	\$0	\$12,827,416	

NOTE: January 2010 reflects December usage billed in January

(2) Estimated revenues and expenses

#### Column Notes:

Column (a) Column (b) from previous row; beginning balance - Sep '08 ending balance from RIPUC Docket No. 4011 on Schedule JAL-4

 Column (b)
 from Page 2

 Column (c)
 from invoices

 Column (d)
 from invoices

 Column (e)
 Column (c) + Column (d)

 Column (f)
 Column (b) - Column (e)

 Column (g)
 NE-GIS expense

 Column (h)
 Column (a) + Column (f) + Column (g)

 $\begin{array}{ll} Column \ (h) & Column \ (a) + Column \ (f) + Column \ (g) \\ Column \ (i) & Column \ (h) + 55\% \ of \ next \ month's \ Column \ (b) \end{array}$ 

#### Standard Offer Reconciliation <u>Estimated Revenue</u>

<u>Month</u>	Estimated Standard Offer Deliveries (a)	Standard Offer  Rate (b)	Total Estimated Revenues (c)
Dec-08	505,584,473	\$0.12400	\$62,692,475
Jan-09	589,689,919	\$0.09200	\$64,630,015
Feb-09	547,548,234	\$0.09200	\$50,374,438
Mar-09	548,821,198	\$0.09200	\$50,491,550
Apr-09	517,098,761	\$0.09200	\$47,573,086
May-09	491,394,255	\$0.09200	\$45,208,271
Jun-09	524,608,087	\$0.09200	\$48,263,944
Jul-09	594,364,327	\$0.09200	\$54,681,518
Aug-09	606,589,494	\$0.09200	\$55,806,233
Sep-09	591,530,200	\$0.09200	\$54,420,778
Oct-09	536,845,678	\$0.09200	\$49,389,802
Nov-09	501,029,521	\$0.09200	\$46,094,716
Dec-09	571,316,922	\$0.09200	\$52,561,157
Jan-10 full mo kWh	597,169,760	\$0.09200	\$54,939,618

#### Column Notes:

- (a) from Page 3, Column (c)
- (b) Per currently effective tariff
- (c) Column (a) x Column (b)

# Standard Offer Reconciliation Estimated Standard Offer Expenses

	Estimated Total Company kWh Deliveries (a)	% of Standard Offer kWhs to Total <u>kWhs</u> (b)	Estimated Standard Offer kWh Deliveries (c)	Base Standard <u>Offer Charge</u> (d)	Estimated Base Standard Offer Expenses (e)	Estimated Fuel Index Value per <u>kWh</u> (f)	Estimated Fuel Index Payments (g)	Docket No. 3959 Settlement Payments (h)	Docket No. 3969 Settlement Payments (i)	Total Estimated Fuel Index Payments (j)	Total Estimated Standard Offer Expenses (k)
2008											
Dec-08	609,137,919	83.0%	505,584,473	\$0.06700	\$33,874,160	\$0.04514	\$22,822,083	\$1,126,353	\$0	23,948,436	\$57,822,596
<u>2009</u>											
Jan-09	710,469,781	83.0%	589,689,919	\$0.07100	\$41,867,984	\$0.03841	\$22,649,990	\$920,143	\$2,516,164	26,086,296	\$67,954,281
Feb-09	659,696,667	83.0%	547,548,234	\$0.07100	\$38,875,925	\$0.03507	\$19,202,517	\$494,075	\$2,516,164	22,212,755	\$61,088,680
Mar-09	661,230,359	83.0%	548,821,198	\$0.07100	\$38,966,305	\$0.03135	\$17,205,545	\$245,211	\$2,516,164	19,966,920	\$58,933,225
Apr-09	623,010,555	83.0%	517,098,761	\$0.07100	\$36,714,012	\$0.02712	\$14,023,718	\$50,597	\$2,516,164	16,590,479	\$53,304,491
May-09	592,041,271	83.0%	491,394,255	\$0.07100	\$34,888,992	\$0.02188	\$10,751,706	\$0	\$2,516,164	13,267,870	\$48,156,862
Jun-09	632,057,937	83.0%	524,608,087	\$0.07100	\$37,247,174	\$0.01563	\$8,199,624	\$0	\$2,516,164	10,715,788	\$47,962,963
Jul-09	716,101,598	83.0%	594,364,327	\$0.07100	\$42,199,867	\$0.00871	\$5,176,913	\$0	\$2,516,164	7,693,077	\$49,892,944
Aug-09	730,830,716	83.0%	606,589,494	\$0.07100	\$43,067,854	\$0.00402	\$2,438,490	\$0	\$2,516,164	4,954,654	\$48,022,508
Sep-09	712,686,988	83.0%	591,530,200	\$0.07100	\$41,998,644	\$0.00047	\$278,019	\$0	\$2,516,164	2,794,183	\$44,792,827
Oct-09	646,802,021	83.0%	536,845,678	\$0.07100	\$38,116,043	\$0.00000	\$0	\$0	\$2,516,164	2,516,164	\$40,632,207
Nov-09	603,650,026	83.0%	501,029,521	\$0.07100	\$35,573,096	\$0.00000	\$0	\$0	\$2,516,164	2,516,164	\$38,089,260
Dec-09	688,333,641	83.0%	571,316,922	\$0.07100	\$40,563,501	\$0.00000	\$0	\$13,328	\$2,516,164	2,529,492	\$43,092,993

#### Column Notes:

- (a) Per Company forecast
- (b) Reflects 12-month average Standard Offer kWh deliveries as a percentage of total kWh deliveries
- (c) Column (a) x Column (b)
- (d) Estimated per prices contained in wholesale standard offer contracts
- (e) Column (c) x Column (d)
- (f) from Attachment 2, Page 3, Column (n)
- (g) Column (c) x Column (f)
- (h) Estimated payments to supplier per Settlement in Docket No. 3959
- (i) Payments to supplier per Settlement in Docket No. 3969
- $(j)\ Column\ (g) + Column\ (h) + Column\ (i)$

## **Attachment 2**

# The Narragansett Electric Company Report to the R.I.P.U.C.

**Standard Offer Reconciliation** 

Calculation of the Fuel Index Adjustment through December 2009

Prices published in WSJ on: 24-Dec-08 26-Dec-08 29-Dec-08

#### DETERMINATION OF MARKET GAS PRICE

(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)	
	Last					NGrid's	EUA's	sos	
Contract	Month	Settlem	ent Prices (\$/mm	nBtu)	Gas	Market	Market	Delivery	
Month	of Trading	3rd Last	2nd Last	Last	Index	Gas Price	Gas Price	Month	
Jan-06	Dec-05	\$12.283	\$11.022	\$11.431	\$11.579	\$8.989	n/a	Jan-06	
Feb-06	Jan-06	\$8.460	\$8.229	\$8.400	\$8.363	\$9.156	n/a	Feb-06	
Mar-06	Feb-06	\$7.283	\$7.458	\$7.112	\$7.284	\$9.243	n/a	Mar-06	
Apr-06	Mar-06	\$7.067	\$7.214	\$7.233	\$7.171	\$9.246	n/a	Apr-06	
May-06	Apr-06	\$7.558	\$7.254	\$7.198	\$7.337	\$9.274	n/a	May-06	
Jun-06	May-06	\$5.964	\$5.975	\$5.925	\$5.955	\$9.248	n/a	Jun-06	
Jul-06	Jun-06	\$5.969	\$6.107	\$5.887	\$5.988	\$9.151	n/a	Jul-06	
Aug-06	Jul-06	\$6.409	\$6.887	\$7.042	\$6.779	\$9.095	n/a	Aug-06	
Sep-06	Aug-06	\$7.157	\$6.472	\$6.816	\$6.815	\$8.818	n/a	Sep-06	
Oct-06	Sep-06	\$4.475	\$4.526	\$4.201	\$4.401	\$8.101	n/a	Oct-06	
Nov-06	Oct-06	\$7.693	\$7.497	\$7.153	\$7.448	\$7.549	n/a	Nov-06	
Dec-06	Nov-06	\$7.718	\$7.998	\$8.318	\$8.011	\$7.261	n/a	Dec-06	
Jan-07	Dec-06	\$6.635	\$6.113	\$5.838	\$6.195	\$6.812	n/a	Jan-07	
Feb-07	Jan-07	\$6.905	\$7.175	\$6.917	\$6.999	\$6.699	n/a	Feb-07	
Mar-07	Feb-07	\$7.727	\$7.755	\$7.547	\$7.676	\$6.731	n/a	Mar-07	
Apr-07	Mar-07	\$7.254	\$7.503	\$7.558	\$7.438	\$6.754	n/a	Apr-07	
May-07	Apr-07	\$7.598	\$7.689	\$7.508	\$7.598	\$6.775	n/a	May-07	
Jun-07	May-07	\$7.681	\$7.640	\$7.591	\$7.637	\$6.916	n/a	Jun-07	
Jul-07	Jun-07	\$6.940	\$6.877	\$6.929	\$6.915	\$6.993	n/a	Jul-07	
Aug-07	Jul-07	\$5.925	\$5.943	\$6.110	\$5.993	\$6.927	n/a	Aug-07	
Sep-07	Aug-07	\$5.380	\$5.593	\$5.430	\$5.468	\$6.815	n/a	Sep-07	
Oct-07	Sep-07	\$6.370	\$6.360	\$6.423	\$6.384	\$6.980	n/a	Oct-07	
Nov-07	Oct-07	\$7.188	\$7.218	\$7.269	\$7.225	\$6.962	n/a	Nov-07	
Dec-07	Nov-07	\$7.723	\$7.557	\$7.203	\$7.494	\$6.919	n/a	Dec-07	
Jan-08	Dec-07	\$7.025	\$7.046	\$7.172	\$7.081	\$6.992	n/a	Jan-08	
Feb-08	Jan-08	\$7.983	\$8.095	\$7.996	\$8.025	\$7.078	n/a	Feb-08	
Mar-08	Feb-08	\$9.186	\$9.206	\$8.930	\$9.107	\$7.197	n/a	Mar-08	
Apr-08	Mar-08	\$9.419	\$9.572	\$9.578	\$9.523	\$7.371	n/a	Apr-08	
May-08	Apr-08	\$10.790	\$10.963	\$11.280	\$11.011	\$7.655	n/a	May-08	
Jun-08	May-08	\$11.857	\$11.801	\$11.916	\$11.858	\$8.007	n/a	Jun-08	
Jul-08	Jun-08	\$13.011	\$12.753	\$13.105	\$12.956	\$8.510	n/a	Jul-08	
Aug-08	Jul-08	\$9.084	\$9.163	\$9.217	\$9.155	\$8.774	n/a	Aug-08	
Sep-08	Aug-08	\$7.825	\$8.278	\$8.394	\$8.166	\$8.999	n/a	Sep-08	
Oct-08	Sep-08	\$7.679	\$7.724	\$7.472	\$7.625	\$9.102	n/a	Oct-08	
Nov-08	Oct-08	\$6.121	\$6.186	\$6.469	\$6.259	\$9.022	n/a	Nov-08	
Dec-08	Nov-08	\$6.316	\$6.480	\$6.888	\$6.561	\$8.944	n/a	Dec-08	
Jan-09	Dec-08	\$5.910	\$5.826	\$6.136	\$5.957	\$8.850	n/a	Jan-09	
Feb-09	Jan-09	\$5.919	\$5.812	\$6.084	\$5.938	\$8.676	n/a	Feb-09	
Mar-09	Feb-09	\$5.944	\$5.847	\$6.099	\$5.963	\$8.414	n/a	Mar-09	
Apr-09	Mar-09	\$5.979	\$5.887	\$6.123	\$5.996	\$8.121	n/a	Apr-09	
May-09	Apr-09	\$6.026	\$5.936	\$6.166	\$6.043	\$7.706	n/a	May-09	
Jun-09	May-09	\$6.121	\$6.031	\$6.254	\$6.135	\$7.230	n/a	Jun-09	
Jul-09	Jun-09	\$6.241	\$6.150	\$6.362	\$6.251	\$6.671	n/a	Jul-09	
Aug-09	Jul-09	\$6.326	\$6.237	\$6.442	\$6.335	\$6.436	n/a	Aug-09	
Sep-09	Aug-09	\$6.374	\$6.285	\$6.492	\$6.384	\$6.287	n/a	Sep-09	
Oct-09	Sep-09	\$6.489	\$6.400	\$6.612	\$6.500	\$6.194	n/a	Oct-09	
Nov-09	Oct-09	\$6.859	\$6.775	\$6.962	\$6.865	\$6.244	n/a	Nov-09	
Dec-09	Nov-09	\$7.239	\$7.160	\$7.337	\$7.245	\$6.301	n/a	Dec-09	

Notes:

Col. A - Contract refers to the NYMEX Natural Gas Futures Contract, as approved by the CFTC,

for the purchase and sale of natural gas at Henry Hub.

- Col. B Month that trading for the Contract ends (the month before the delivery month)
- Col. C Settlement price for the third last trading day as reported in the Wall Street Journal. (Jan-99 Jan-09)
  - Settlement price as reported in the Wall Street Journal on 12-24-08 (Jan-09 Dec-09)
- Col. D Settlement price for the second last trading day as reported in the Wall Street Journal. (Jan-99 Jan-09)
  - Settlement price as reported in the Wall Street Journal on 12-26-08 (Jan-09 Dec-09)
- Col. E Settlement price for the last trading day as reported in the Wall Street Journal. (Jan-99 Jan-09)
  - Settlement price as reported in the Wall Street Journal on 12-29-08 (Jan-09 Dec-09)
- $Col.\ F Average\ value\ of\ Col.\ C,\ Col.\ D\ and\ Col.\ E\ (=AVERAGE(Col.\ C..Col.\ E))$
- $Col.\ G-Average\ of\ the\ most\ recent\ twelve\ months\ of\ values\ in\ Col.\ F\ (including\ current\ SOS\ delivery\ month)$
- Col. H Average of the most recent six months of values in Col. F (ending month prior to SOS delivery month)
- Col. I month in which SOS was delivered at wholesale.

#### DETERMINATION OF MARKET OIL PRICE

(Col. A)	(Col. B)	(Col. HH)	(Col. II)	(Col. JJ)	(Col. KK)	(Col. LL)	(Col. MM)	(Col. NN)	(Col. OO)	(Col. PP)	(Col. QQ)
sos						NGrid's	EUA's				
Delivery	Trading	Sum of	# of	Conversion	Oil Index	Market	Market		Prices publi	shed in Wal	l Street Journal on:
Month	Month	Values	Values	Factor	(\$/mmBtu)	Oil Price	Oil Price	Average	24-Dec-08	26-Dec-08	29-Dec-08
Jan-06	Jan-06	948.15	20	6.3	7.525	6.797	n/a	57.9800	57.98	57.98	57.98 <=Jan closing from WSJ on 12/20/05
Feb-06	Feb-06	911.50	19	6.3	7.615	7.025	n/a	68.3500	68.35	68.35	68.35 <=Feb closing from WSJ on 01/20/06
Mar-06	Mar-06	1086.62	23	6.3	7.499	7.181	n/a	61.1000		61.10	61.10 <=Mar closing from WSJ on 02/21/06
Apr-06	Apr-06	967.73	19	6.3	8.085	7.343	n/a	60.5700		60.57	60.57 <=Apr closing from WSJ on 03/21/06
May-06	May-06	1081.50	22	6.3	7.803	7.494	n/a	71.9500		71.95	71.95 <=May closing from WSJ on 04/20/06
Jun-06	Jun-06	1060.25	22	6.3	7.650	7.591	n/a	69.2300		69.23	69.23 <=June closing from WSJ on 05/22/06
Jul-06	Jul-06	923.40	19	6.3	7.714	7.675	n/a	70.3300		70.33	70.33 <=July closing from WSJ on 06/20/06
Aug-06	Aug-06	1155.05	23	6.3	7.971	7.736	n/a	73.0800		73.08	73.08 <=Aug closing from WSJ on 07/20/06
Sep-06	Sep-06	796.22	20	6.3	6.319	7.592	n/a	72.6300		72.63	72.63 <=Sep closing from WSJ on 08/22/06
Oct-06	Oct-06	863.40	22	6.3	6.229	7.451	n/a	60.4600		60.46	60.46 <=Oct closing from WSJ on 09/20/06
Nov-06	Nov-06	847.60	20	6.3	6.727	7.404	n/a	56.8200		56.82	56.82 <=Nov closing from WSJ on 10/20/06
Dec-06	Dec-06	799.00	20	6.3	6.341	7.290	n/a	55.8100		55.81	55.81 <=Dec closing from WSJ on 11/17/06
Jan-07	Jan-07	743.10	20	6.3	5.898	7.154	n/a	63.1500		63.15	63.15 <= Jan closing from WSJ on 12/19/06
Feb-07	Feb-07	759.45	19	6.3	6.345	7.048	n/a	51.1300		51.13	51.13 <=Feb closing from WSJ on 01/22/07
Mar-07	Mar-07	935.70	22	6.3	6.751	6.986	n/a	58.0700		58.07	58.07 <=Mar closing from WSJ on 02/20/07
Apr-07	Apr-07	941.55	20	6.3	7.473	6.935	n/a	56.7300		56.73	56.73 <=April 2007 closing from WSJ on 03/20/07
May-07	May-07	1151.60	22	6.3	8.309	6.977	n/a	63.3800		63.38	63.38 <=May 2007 closing from WSJ on 04/20/07
Jun-07	Jun-07	1132.60	21	6.3	8.561	7.053	n/a	64.9700		64.97	64.97 <= June 2007 closing from WSJ on 05/22/07
Jul-07	Jul-07	1197.55	21	6.3	9.052	7.165	n/a	68.1900		68.19	68.19 <=July 2007 closing from WSJ on 06/20/07
Aug-07	Aug-07	1249.15	23	6.3	8.621	7.219	n/a	75.5700		75.57	75.57 <=August 2007 closing from WSJ on 07/20/07
Sep-07	Sep-07	1092.55	19	6.3	9.127	7.453	n/a	69.4700		69.47	69.47 <=September 2007 closing from WSJ on 08/21/07
Oct-07	Oct-07	1427.75	23	6.3	9.853	7.755	n/a	83.3200		83.32	83.32 <=October 2007 closing from WSJ on 09/21/07
Nov-07	Nov-07	1502.60	21	6.3	11.358	8.141	n/a	87.5600		87.56	87.56 <=November 2007 closing from WSJ on 10/22/07
Dec-07	Dec-07	1303.50	18	6.3	11.495	8.570	n/a	95.1000		95.10	95.10 <=December 2007 closing from WSJ on 11/16/07
Jan-08 Feb-08	Jan-08 Feb-08	1560.10 1410.80	21 20	6.3 6.3	11.792 11.197	9.061 9.466	n/a n/a	90.4900 89.850		90.49 89.85	90.49 <=January 2008 closing from WSJ on 12/18/07 89.85 <=February 2008 closing from WSJ on 01/22/08
Mar-08	Mar-08	1410.80	20	6.3	11.197	9.466		100.740		100.74	100.74 <=March 2008 closing from WSJ on 02/20/08
		1764.65	20	6.3	12.732	10.301	n/a n/a	100.740		100.74	ž
Apr-08 May-08	Apr-08 May-08	1881.60	21	6.3	14.222	10.793	n/a	119.370		119.37	104.48 <=April 2008 closing from WSJ on 03/19/08 119.37 <=May 2008 closing from WSJ on 04/22/08
Jun-08	Jun-08	2169.45	21	6.3	16.398	11.447	n/a	129.070		129.07	129.07 <=June 2008 closing from WSJ on 04/22/08
Jul-08	Jul-08	2409.00	22	6.3	17.381	12.141	n/a	134.620		134.62	134.62 <=July 2008 closing from WSJ on 06/20/08
Aug-08	Aug-08	2013.25	21	6.3	15.217	12.690	n/a	127.950		127.95	127.95 <=Aug 2008 closing from WSJ on 07/22/08
Sep-08	Sep-08	1744.10	21	6.3	13.183	13.028	n/a	114.980		114.98	114.98 <=Sep 2008 closing from WSJ on 08/20/08
Oct-08	Oct-08	1355.85	23	6.3	9.357	12.987	n/a	120.920		120.92	120.92 <=Oct 2008 closing from WSJ on 09/22/08
Nov-08	Nov-08	720.70	18	6.3	6.355	12.570	n/a	70.860		70.86	70.86 <=Nov 2008 closing from WSJ on 10/21/08
Dec-08	Dec-08	713.35	21	6.3	5.392	12.062	n/a	49.620		49.62	49.62 <=Dec 2008 closing from WSJ on 11/20/08
Jan-09	Jan-09	33.87	21	6.3	3.68	11.386	n/a	33.870		33.87	33.87 <=Jan 2009 closing from WSJ on 12/19/08
Feb-09	Feb-09	37.69		6.3	4.10	10.794	n/a	37.693		37.71	40.02
Mar-09	Mar-09	40.60		6.3	4.41	10.202	n/a	40.597		40.53	43.03
Apr-09	Apr-09	42.38		6.3	4.61	9.525	n/a	42.383		42.28	44.81
May-09	May-09	43.81		6.3	4.76	8.736	n/a	43.813		43.75	46.19
Jun-09	Jun-09	45.11		6.3	4.90	7.778	n/a	45.110		45.08	47.46
Jul-09	Jul-09	46.32		6.3	5.03	6.750	n/a	46.320		46.33	48.66
Aug-09	Aug-09	47.01		6.3	5.11	5.907	n/a	47.010		46.33	49.68
Sep-09	Sep-09	47.66		6.3	5.18	5.240	n/a	47.660		46.33	50.66
Oct-09	Oct-09	48.29		6.3	5.25	4.898	n/a	48.287		46.33	51.58
Nov-09	Nov-09	48.90		6.3	5.31	4.811	n/a	48.903		46.33	52.49
Dec-09	Dec-09	51.17		6.3	5.56	4.825	n/a	51.167		51.33	53.37

#### Notes:

Col. A - month in which SOS was delivered at wholesale.

Col. B - month in which oil prices were quoted and delivered.

 $Col.\ C\ -\ Col.\ GG\ -\ daily\ prices\ as\ quoted\ by\ Platt's\ MarketScan.\ (not\ shown)$ 

Col. HH - sum of values in Col. C through Col. GG. (Jan-99 - Dec-08)

-Dec-08 Final Crude oil contract price as reported in the Wall Street Journal on  $11/20/\!08$ 

- average of Crude oil contract prices as reported in the Wall Street Journal on

Col. II - number of non-zero values in Col. C through Col. GG.

Col. JJ - a fixed factor of 6.3 mmBtu per bbl.

Col. KK - Col. HH divided by (Col. II x Col. JJ) (Jan-99 - Dec-08)

- Current month value Col. HH \* Dec-08 value in Col KK/49.62 (Dec-08 - Dec-09)

- Where 49.62 represents the closing value from the WSJ on 11/20/08

Col. LL - Average of the most recent twelve months of values in Col. KK (including current SOS delivery month)

Col. MM - Average of the most recent six months of values in Col. KK (ending month prior to SOS delivery month)

#### DETERMINATION OF FUEL ADJUSTMENT VALUE

(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)	(Col. J)	(Col. K)	(Col. L)	(Col. M)	(Col. N)
sos	NGrid's	NGrid's	NGrid's	NGrid's	NGrid's	EUA's	EUA's	EUA's	EUA's	EUA's	Ngrid	EUA	Weighted
Delivery	Market Gas	Market Oil	Fuel	Fuel	Adjustment	Market Gas	Market Oil	Fuel	Fuel	Adjustment	Adjustment	Adjustment	Adjustment
Jan-06	\$8.98864	\$6.79699	\$15.7856	\$9.22	1.66589	n/a	n/a	n/a	\$9.22	n/a	3.929	n/a	2.907
Feb-06	\$9.15558	\$7.02450	\$16.1801	\$9.22	1.70589	n/a	n/a	n/a	\$9.22	n/a	4.165	n/a	3.082
Mar-06	\$9.24267	\$7.18060	\$16.4233	\$9.22	1.73055	n/a	n/a	n/a	\$9.22	n/a	4.310	n/a	3.190
Apr-06	\$9.24628	\$7.34323	\$16.5895	\$9.22	1.74742	n/a	n/a	n/a	\$9.22	n/a	4.410	n/a	3.263
May-06	\$9.27375	\$7.49446	\$16.7682	\$9.22	1.76554	n/a	n/a	n/a	\$9.22	n/a	4.517	n/a	3.342
Jun-06	\$9.24811	\$7.59066	\$16.8388	\$9.22	1.77270	n/a	n/a	n/a	\$9.22	n/a	4.559	n/a	3.374
Jul-06	\$9.15058	\$7.67509	\$16.8257	\$9.22	1.77137	n/a	n/a	n/a	\$9.22	n/a	4.551	n/a	3.368
Aug-06	\$9.09453	\$7.73645	\$16.8310	\$9.22	1.77190	n/a	n/a	n/a	\$9.22	n/a	4.554	n/a	3.370
Sep-06	\$8.81775	\$7.59239	\$16.4101	\$9.22	1.72922	n/a	n/a	n/a	\$9.22	n/a	4.302	n/a	3.184
Oct-06	\$8.10106	\$7.45117	\$15.5522	\$9.22	1.64221	n/a	n/a	n/a	\$9.22	n/a	3.789	n/a	2.804
Nov-06	\$7.54919	\$7.40395	\$14.9531	\$9.22	1.58145	n/a	n/a	n/a	\$9.22	n/a	3.431	n/a	2.539
Dec-06	\$7.26086	\$7.28991	\$14.5508	\$9.22	1.54065	n/a	n/a	n/a	\$9.22	n/a	3.190	n/a	2.360
Jan-07	\$6.81225	\$7.15429	\$13.9665	\$9.95	1.37928	n/a	n/a	n/a	\$9.95	n/a	2.389	n/a	1.768
Feb-07	\$6.69858	\$7.04844	\$13.7470	\$9.95	1.35855	n/a	n/a	n/a	\$9.95	n/a	2.259	n/a	1.672
Mar-07	\$6.73125	\$6.98610	\$13.7174	\$9.95	1.35575	n/a	n/a	n/a	\$9.95	n/a	2.241	n/a	1.658
Apr-07	\$6.75350	\$6.93510	\$13.6886	\$9.95	1.35303	n/a	n/a	n/a	\$9.95	n/a	2.224	n/a	1.646
May-07	\$6.77531	\$6.97725	\$13.7526	\$9.95	1.35907	n/a	n/a	n/a	\$9.95	n/a	2.262	n/a	1.674
Jun-07	\$6.91553	\$7.05318	\$13.9687	\$9.95	1.37948	n/a	n/a	n/a	\$9.95	n/a	2.391	n/a	1.769
Jul-07	\$6.99283	\$7.16463	\$14.1575	\$9.95	1.39731	n/a	n/a	n/a	\$9.95	n/a	2.503	n/a	1.852
Aug-07	\$6.92728	\$7.21875	\$14.1460	\$9.95	1.39623	n/a	n/a	n/a	\$9.95	n/a	2.496	n/a	1.847
Sep-07	\$6.81500	\$7.45277	\$14.2678	\$9.95	1.40772	n/a	n/a	n/a	\$9.95	n/a	2.569	n/a	1.901
Oct-07	\$6.98031	\$7.75476	\$14.7351	\$9.95	1.45185	n/a	n/a	n/a	\$9.95	n/a	2.847	n/a	2.107
Nov-07	\$6.96175	\$8.14064	\$15.1024	\$9.95	1.48653	n/a	n/a	n/a	\$9.95	n/a	3.065	n/a	2.268
Dec-07	\$6.91867	\$8.57009	\$15.4888	\$9.95	1.52302	n/a	n/a	n/a	\$9.95	n/a	3.295	n/a	2.438
Jan-08	\$6.99247	\$9.06130	\$16.0538	\$10.69	1.47341	n/a	n/a	n/a	\$10.69	n/a	3.172	n/a	2.347
Feb-08	\$7.07794	\$9.46565	\$16.5436	\$10.69	1.51665	n/a	n/a	n/a	\$10.69	n/a	3.462	n/a	2.562
Mar-08	\$7.19719	\$9.86236	\$17.0596	\$10.69	1.56218	n/a	n/a	n/a	\$10.69	n/a	3.767	n/a	2.787
Apr-08	\$7.37092	\$10.30063	\$17.6716	\$10.69	1.61620	n/a	n/a	n/a	\$10.69	n/a	4.129	n/a	3.055
May-08	\$7.65531	\$10.79342	\$18.4487	\$10.69	1.68479	n/a	n/a	n/a	\$10.69	n/a	4.588	n/a	3.395
Jun-08	\$8.00703	\$11.44651	\$19.4535	\$10.69	1.77348	n/a	n/a	n/a	\$10.69	n/a	5.182	n/a	3.835
Jul-08	\$8.51044	\$12.14061	\$20.6511	\$10.69	1.87918	n/a	n/a	n/a	\$10.69	n/a	5.890	n/a	4.359
Aug-08	\$8.77394	\$12.69032	\$21.4643	\$10.69	1.95095	n/a	n/a	n/a	\$10.69	n/a	6.371	n/a	4.715
Sep-08	\$8.99878	\$13.02828	\$22.0271	\$10.69	2.00062	n/a	n/a	n/a	\$10.69	n/a	6.704	n/a	4.961
Oct-08	\$9.10217	\$12.98693	\$22.0891	\$10.69	2.00610	n/a	n/a	n/a	\$10.69	n/a	6.741	n/a	4.988
Nov-08	\$9.02164	\$12.57009	\$21.5917	\$10.69	1.96220	n/a	n/a	n/a	\$10.69	n/a	6.447	n/a	4.771
Dec-08	\$8.94389	\$12.06152	\$21.0054	\$10.69	1.91045	n/a	n/a	n/a	\$10.69	n/a	6.100	n/a	4.514
Jan-09	\$8.85025	\$11.38555	\$20.2358	\$11.42	1.73099	n/a	n/a	n/a	\$11.42	n/a	5.190	n/a	3.841
Feb-09	\$8.67639	\$10.79380	\$19.4702	\$11.42	1.66751	n/a	n/a	n/a	\$11.42	n/a	4.739	n/a	3.507
Mar-09	\$8.41439	\$10.20213	\$18.6165	\$11.42	1.59673	n/a	n/a	n/a	\$11.42	n/a	4.237	n/a	3.135
Apr-09	\$8.12050	\$9.52493	\$17.6454	\$11.42	1.51620	n/a	n/a	n/a	\$11.42	n/a	3.665	n/a	2.712
May-09	\$7.70647	\$8.73649	\$16.4430	\$11.42	1.41650	n/a	n/a	n/a	\$11.42	n/a	2.957	n/a	2.188
Jun-09	\$7.70047	\$7.77847	\$15.0081	\$11.42	1.29752	n/a	n/a	n/a	\$11.42	n/a	2.112	n/a	1.563
Jul-09	\$6.67081	\$6.74951	\$13.4203	\$11.42	1.16586	n/a	n/a	n/a	\$11.42	n/a	1.178	n/a	0.871
Aug-09	\$6.43583	\$5.90709	\$12.3429	\$11.42	1.07653	n/a	n/a	n/a	\$11.42	n/a	0.543	n/a	0.402
Sep-09	\$6.28733	\$5.24009	\$11.5274	\$11.42	1.00891	n/a	n/a	n/a	\$11.42	n/a	0.063	n/a	0.047
Oct-09	\$6.19361	\$4.89758	\$11.0912	\$11.42	1.00000	n/a	n/a	n/a	\$11.42	n/a	0.003	n/a	0.000
Nov-09	\$6.24417	\$4.89738	\$11.0512	\$11.42	1.00000	n/a	n/a	n/a	\$11.42	n/a	0.000	n/a	0.000
Dec-09	\$6.30117	\$4.82481	\$11.0330	\$11.42	1.00000	n/a	n/a	n/a	\$11.42	n/a	0.000	n/a	0.000
200-09	ψ0.5011/	ψ02-101	ψ11.1200	Ψ11.72	1.00000	11/4	11/ d	11/4	Ψ11.42	11/ (1	0.000	11/ (1	0.000

#### Notes

- Col. A month in which SOS was delivered at wholesale
- Col. B Average of the values of Gas Index for the most recent 12 months. (Col. G Determination of Market Gas Price)
- Col. C Average of the values of Oil Index for the most recent 12 months. (Col. LL Determination of Market Oil Price)
- Col. D Col. B + Col. C
- $\mbox{Col.}\ E$  Applicable value from the Standard Offer Supply Contracts.
- $Col.\ F \ @if(Col.\ D > Col.\ E, (Col.\ B + \$0.60 + Col.\ C + \$0.04) \ / \ (Col.\ E + \$0.64),\ 1.000)$
- Col. G Average of the values of Gas Index for the most recent 6 months. (Col. H Determination of Market Gas Price)
- $Col.\ H-Average\ of\ the\ values\ of\ Oil\ Index\ for\ the\ most\ recent\ 6\ months.\ (Col.\ I-Determination\ of\ Market\ Oil\ Price)$
- Col. I Col. G + Col. H
- Col. J Applicable value from the Standard Offer Supply Contracts.
- $Col.\ K @if(Col.\ I > Col.\ J, (Col.\ G + \$0.60 + Col.\ H + \$0.04) \ / \ (Col.\ J + \$0.64),\ 1.000)$
- $Col.\ L\ \hbox{-}\ (Col.\ F\ \hbox{-}\ 1.0)*\ Applicable\ Contract\ Price\ from\ the\ Standard\ Offer\ Supply\ Contracts.$
- Col. M (Col. K 1.0) \* Applicable Contract Price from the Standard Offer Supply Contracts.