# nationalgrid

Thomas R. Teehan Senior Counsel Rhode Island

September 26, 2011

## VIA HAND DELIVERY & ELECTRONIC MAIL

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

### RE: Docket 4270 The Narragansett Electric Company, d/b/a National Grid Tariff Advice Filing Regarding the Terms and Conditions for Gas Marketers and the calculation of Gas Cost Recovery rates (R.I.P.U.C. NG-GAS No. 101, Sections 2, 5, and 6) Responses to Division Data Requests (Set 1)

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's<sup>1</sup> responses to the Division's First Set of Data Requests issued on September 2, 2011, in the above-captioned proceeding.

Please be advised that due to the voluminous nature of the Company's attachment to Division 1-19, identified as Attachment DIV 1-19, the Company is providing the Commission with a CD-ROM containing this electronic file.

If you have any questions regarding this filing, please feel free to contact me at (401) 784-7667.

Very truly yours,

H Tuch

Thomas R, Teehan

Enclosures

cc: Steve Scialabba, Division Leo Wold, Esq.

<sup>&</sup>lt;sup>1</sup> The Narragansett Electric Company d/b/a National Grid.

## **Certificate of Service**

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

<u>September 26, 2011</u> Date

Joanne M. Scanlon

Docket No. 4270 – National Grid – Tariff Filing Regarding T&C for Gas Marketers and the calculation of GCR rates (R.I.P.U.C. NG-GAS No. 101, Sections 2, 5, and 6) Service List as of 9/13/11

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89 Jefferson Blvd.		
Warwick RI 02888	Sccamara@puc.state.ri.us	

## Request:

Re: page 2, lines 3-6, of witness Bauer's Direct Testimony, please:

- a. Indicate each party that participated in the collaborative discussions sponsored and managed by the New York State Public Service Commission in which rules governing customer transportation were negotiated and establish.
- b. Provide the time period over which those collaborative discussions occurred.
- c. Identify each party that participated in the collaborative discussions that represented consumer interests.

## Response:

- a. The Company was only one of the invitees to the collaborative discussion sponsored by the New York Public Service Commission and as such does not have a list of attendees.
- b. In September 1998, the New York State Public Service Commission (NYPSC or Commission) issued a proposal with a draft set of rules, Uniform Business Practices (UBP), to provide for consistent business procedures for energy services companies (ESCOs or Marketers) and the electric and natural gas utilities across the state. The Commission issued an order in Case 98-M-1343 adopting the UBP in February 1999 and required each utility to submit a compliance filing by June 1999.

As the competitive retail energy market has evolved in New York, the UBP has been revisited and modified by the Commission to reflect changes in the market while continuing to provide consumer protections, streamlined business transactions and communications protocols between ESCOs and utilities. For example, Chapter 416 of the Laws of 2010, which was signed into law on August 13, 2010, amends the general business law (GBL) by adding a §349-d which specifies requirements ESCOs must comply with when marketing energy services, defined as natural gas or electricity, to residential customers and/or through door to door sales. The statute also required that the NYPSC develop an ESCO Consumers Bill of Rights. On December 17, 2010 the Commission issued an Order revising the UBP to include the ESCO Consumers Bill of Rights. At this time, the collaborative discussion proceedings are ongoing.

c. Please see the Company's response to subpart b.

#### Request:

Re: page 2, lines 13-16, of witness Bauer's Direct Testimony, please:

- a. Identify all parties other than those listed who were invited to participate in the referenced collaborative meetings, and if known, the reasons they did not participate.
- b. Identify the persons in attendance at each of the meetings and the parties with whom they were affiliated.

#### Response:

- a. All of the active natural gas suppliers attended the collaborative meetings and participated. A list of the companies and attendees is set forth in subpart (b)
- b. In addition to National Grid personnel from Customer Service, Gas Supply and Regulatory, the following Marketers and natural gas suppliers attended the collaborative sessions:

Debra Bateman – Hess Corp Cheryl Macena – Hess Corp Dave Healey – Santa Buckley Tim Costello – Santa Buckley Jon Tyles – Glacial Energy Eric Nickulas – Glacial Energy Roberta Ortiz – Shell Karen Merrill – Metromedia Laura Hill – Metromedia Theresa Ringenbach – Direct Energy Tana Ream – Sprauge Energy Dan Smith – Sprauge Energy

#### Request:

Re: page 4, lines 7-9, for National Grid's current fiscal year to date and for each of the three prior fiscal years please:

- a. Provide the Companies total number of transportation service customers by rate classification by month;
- b. Document all movements of customers to and from marketers by month.

#### Response:

a.-b. See Attachment DIV 1-3.

Prepared by or under the supervision of: Juliana Griffiths

Attachment DIV 1-3 Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 1 of 2

			Provide the co	mpanies total	number of tra	nsportation se	rvice customer	s by rate classifi	cation by mon	th				
Year	2008-2009													
		Sep-2008	Oct-2008	Nov-2008	Dec-2008	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	Jul-2009	Aug-2009	
	FT-1 Medium-22EN	385	391	392	395	394	393	394	394	400	413	416		
	FT-2 Medium-2221	410	412	466	489	496	504	517	525	556	596	602		
	FT-1 LLF Large-33EN	170	171	171	173	174	174	176	176	175	177	177		
	FT-2 LLF Large-3321	66	66	86	97	97	97	99	110	112	118	119		
	FT-1 LLF Extra-large-34EN	28	28	28	28	28	28	28	28	28	28	28		
	FT-2 LLF Extra-large-3421	1	1	1	1	1	1	1	1	2	2	2		
	FT-1 HLF Large-23EN	63	63	63	64	64	65	66	66	67	67	66		
	FT-2 HLF Large-2321	17	17	20	20	20	20	21	21	25	26	26		
	FT-1 HLF Extra-large-24EN	65	65	65	67	67	67	68	69	70	69	69	70	
	FT-2 HLF Extra-large-2421	2	2	3	5	5	5	5	5	5	4	4	4	
	Total Transporting Customers	1207	1216	1295	1339	1346	1354	1375	1395	1440	1500	1509	1521	
Year	2009-2010													
1001	2000 2010	Sep-2009	Oct-2009	Nov-2009	Dec-2009	Jan-2010	Feb-2010	Mar-2010	Apr-2010	May-2010	Jun-2010	Jul-2010	Aug-2010	
	FT-1 Medium-22EN	422	423	427	426	426	426	429	430	433	435	438		
	FT-2 Medium-2221	610	611	681	720	751	761	771	798	819	836	850		
	FT-1 LLF Large-33EN	177	177	178	181	181	181	181	181	183	183	183		
	FT-2 LLF Large-3321	122	119	127	131	131	133	133	134	136	136	136		
	FT-1 LLF Extra-large-34EN	29	30	32	32	33	33	33	33	33	33	33	33	
	FT-2 LLF Extra-large-3421	2	2	4	4	4	4	4	4	4	4	4	5	
	FT-1 HLF Large-23EN	65	65	65	67	68	68	68	68	68	68	68	68	
	FT-2 HLF Large-2321	28	28	29	28	18	20	21	24	25	26	27	28	
	FT-1 HLF Extra-large-24EN	70	71	71	70	70	70	70	71	71	71	71	71	
	FT-2 HLF Extra-large-2421	4	4	4	4	6	7	7	7	7	7	7	7	
	Total Transporting Customers	1529	1530	1618	1663	1688	1703	1717	1750	1779	1799	1817	1832	
Year	2010-2011													
		Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2
	FT-1 Medium-22EN	434	433	442	451	454	453	456	457	458	459	460		
	FT-2 Medium-2221	864	888	937	965	987	1001	1011	1022	1032	1040	1046		
	FT-1 LLF Large-33EN	183	182	184	185	184	186	187	187	186	186	186		
	FT-2 LLF Large-3321	141	141	141	142	142	144	145	145	146	146	146	146	
	FT-1 LLF Extra-large-34EN	33	33	35	35	33	33	35	35	35	35	35	35	
	FT-2 LLF Extra-large-3421	5	5	5	5	5	5	5	5	5	5	5		
	FT-1 HLF Large-23EN	67	67	66	66	66	66	66	66	66	66	66	66	
	FT-2 HLF Large-2321	28	29	31	32	32	34	34	32	30	32	32		
	FT-1 HLF Extra-large-24EN	71	71	74	74	76	76	76	76	76	76	76		
	FT-2 HLF Extra-large-2421	7	7	9	9	9	9	9	8	8	8	8		
	Total Transporting Customers	1833	1856	1924	1964	1988	2007	2024	2033	2042	2053	2060	-	

Attachment DIV 1-3 Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 2 of 2

Year	2008-2009	1			040101101010	and from marl			1					-
rear	2008-2009	Sep-2008	Oct-2008	Nov-2008	Dec-2008	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	1	Aug-2009	-
	FT-1 Medium-22EN	54	9	2	28	Jan-2009	Feb-2009	Widi-2009	Api-2009	17	Juli-2009		Aug-2008	2
-	FT-2 Medium-2221	3	5	11	20	11	3		1	6				+
	FT-1 LLF Large-33EN	3	1	1	14	1	2		1	8				+
	FT-2 LLF Large-3321	5	2		17		2			0				+
	FT-1 LLF Extra-large-34EN		-										-	+
	FT-2 LLF Extra-large-3421												-	+
	FT-1 HLF Large-23EN	8	1	2	3					2			-	+
	FT-2 HLF Large-2321	0	1	-	1					-			-	+
	FT-1 HLF Extra-large-24EN	1		1	2	1			1	1			2	5
-	FT-2 HLF Extra-large-2421			1	_							-	-	+
														T
Year	2009-2010													+
i cui	2000 2010	Sep-2009	Oct-2009	Nov-2009	Dec-2009	Jan-2010	Feb-2010	Mar-2010	Apr-2010	May-2010	Jun-2010	Jul-2010	Aug-2010	0
	FT-1 Medium-22EN			68	2							1		T
	FT-2 Medium-2221	1	3	63	3			2	25	4		2		T
	FT-1 LLF Large-33EN			27	1		1		1				1	1
	FT-2 LLF Large-3321	1	1	98	1				8	1		1		T
	FT-1 LLF Extra-large-34EN	1		2										T
	FT-2 LLF Extra-large-3421			1										T
	FT-1 HLF Large-23EN		1	4	6					1				T
	FT-2 HLF Large-2321			2	1				2				1	1
	FT-1 HLF Extra-large-24EN		1	3	1		1		2				1	1
	FT-2 HLF Extra-large-2421													-
Year	2010-2011													+
real	2010-2011	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	1
	FT-1 Medium-22EN	2		3	2				•		4			+
	FT-2 Medium-2221	3		5	12	13	2	12	2	1	6	-		T
	FT-1 LLF Large-33EN			1	3				1		2			T
	FT-2 LLF Large-3321								1					T
	FT-1 LLF Extra-large-34EN	1		3										T
	FT-2 LLF Extra-large-3421													T
	FT-1 HLF Large-23EN	3			2					2				T
	FT-2 HLF Large-2321				1	1				1				T
	FT-1 HLF Extra-large-24EN													

Request:

Re: page 4, lines 9-11, of witness Bauer's Direct Testimony, please:

- a. Identify the specific provisions of the Company's existing tariff that permit the Company to sell needed inventory to Marketers;
- b. Identify each instance in the Company's current fiscal year to date and in the three prior fiscal years in which the Company sold needed inventory to a marketer, the date of the transaction, volumes sold, and the price at which such inventory was sold;
- c. Provide the documents, data, and other information upon which the Company relies to support its representation that "Marketers have found it difficult to manage and administer the process through which the Company can sell needed inventories to Marketers.
- d. Provide a detailed description of the complexities of the referenced process from the Company's perspective.
- e. Document the Company's assessment of its actual costs for administration of the referenced provisions for selling needed inventory to marketers for the Company's current fiscal year to date and for each of the three prior fiscal years.

## Response:

- a. Please see RIPUC NG-GAS No 101, Section 6, Schedule C, Sheets 22-24, Subpart 3.02.4.
- b. The Company has not sold any inventory to Marketers in the past three years.
- c. The issue was raised by the Marketers at the collaborative meetings. As an example, in the month of February 2011 one Marketer had a delivery requirement 17,254 Dth more than what the customer used making the Marketer's storage balance increase by that amount. Another customer with the same Marketer that same month had a delivery requirement that was 1,017 Dth more than what they used and therefore lowered the Marketer's storage inventory by that amount. These types of swings make it increasingly difficult for Marketers to manage their storage balances.

## Division 1-4 (continued)

d. From the Company's perspective the current process has a number of complexities that impact management of storage. For example, the Maximum Service Quantity-Underground (MSQ-U) can be adjusted on both a daily and/or monthly basis. On a daily basis, the current Marketer system compares the Marketers Forecasted Daily Usage (FDU) to the volume of gas that the Marketer has "flowed" to the city gate. If the FDU is greater than the amount of flowed gas, the difference is taken out of the MSQ-U or the Marketer will nominate a withdrawal from the MSQ-U to meet the FDU. In each instance, a Daily Imbalance Adjustment (DIA) is levied against the MSQ-U inventory. A DIA can only be a negative amount (i.e.: a reduction to the MSQ-U) since Marketers are paid for over nomination, and the over nomination gas amount is flowed through the system.

The process is different on a monthly basis as currently the Marketer system compares what the Marketer actually delivered to what was used by the Marketer's customers. The difference between these volumes, either positive or negative, is added to or deducted from the MSQ-U inventory level for the Marketer.

These processes are impacted by the fact that there are a number of limitations in the current Marketer system. For example, if the MDQ-U inventory for a Marketer becomes negative, the Marketer will need to nominate and injection or withdrawal to MSQ-U to bring the inventory level to a positive level. However, the current Marketer system does not recognize a Marketer's injection nomination if the inventory balance is negative, and as a result the Company has had to manually track injection nominations and manually adjust the Marketer's MSQ-U levels until they are positive. After this has occurred, the Marketer may resume nominating on the Company's Electronic Bulletin Board.

These types of manual workarounds not only can create errors, but a major reason why the Company is seeking to introduce new systems for Marketers.

e. Please see the Company's response to subpart (b).

#### Request:

Re: page 4, lines 15-16, of witness Bauer's Direct Testimony, please indicate whether the Company intends to provide the referenced "updated" charge to the Commission and the Division each month for review prior to its application, and if not, indicate the authority upon which it relies to make such monthly rate changes without prior Commission review.

#### Response:

The Company is willing to file its updated FT-2 variable charge each month with the Commission and the Division similar to the process that is currently in place for the Transitional Sales Service surcharge. (See RIPUC NG-GAS 101, Section 5, Schedule H. Sheet 3, Subpart 4.1).

#### Request:

Re: page 4, lines 16-20, of witness Bauer's Direct Testimony, please:

- a. Provide the Company's assessment of changes in cash-flow that would result from the change from having Marketers purchase an allocated amount of inventory at the average inventory price from the Company in early November of each year to a monthly cash-out based on the Company's cost of supply in inventory.
- b. Explain why Marketers should be insulated from the uncertainties associated with advance planning for winter gas supply requirements by allowing them monthly cash-outs.
- c. Assuming the proposed process of monthly cash-outs had been in-place during the winter of 2010-2011, provide the Company's best calculation of the monthly cash-out price for each month of that winter season, as well as the inventory price that was charge to Marketers in November of 2010.
- d. Verify that the cash-out price would be applied on imbalances or storage deficiencies identified after the end of each month. If this is incorrect, please explain the manner in which the volumes to be cash-out would be determined and when the cost of cashed-out volumes would be billed to marketers.

#### Response:

a. The Company would expect that the impact on cash flow from moving to a monthly cash-out methodology would be minimal. As noted in the testimony of Mr. John F. Nestor, III in Docket No. 4283 the overall FT-2 gas costs are less than 1.5% of total gas costs. In addition, one of the underlying drivers for implementing a monthly cash-out based on the Company's inventory price is to better align rates with costs since the recent overall experience with the current allocation methodology has been extremely volatile resulting an under-recovery of \$1,170,915 in 2009 and an over-recovery of \$1,015,480 in 2008. (Docket No. 4283, Testimony of John F. Nestor, III at 7-9) Because of these wide swings, the accuracy of a comparison with historical cash-flows would be of limited value.

#### Division 1-6 (continued)

- b. The cash out methodology is not based on insulating Marketers from any uncertainties associated with advanced planning for winter as supply. Rather, as noted above in subpart (a) the purpose of moving to a cash-out methodology is to better align rate recovery with gas costs.
- c. The inventory cash-out price for November 2010 was \$ 4.619. The monthly cash-out would be

November 2010	Undertake \$4.658	Overtake \$5.6196
December 2010	Undertake \$7.9431	Overtake \$11.8804
January 2011	Undertake \$8.4105	Overtake \$11.9632
February 2011	Undertake \$6.3388	Overtake \$ 7.2136
March 2011	Undertake \$5.1623	Overtake \$6.2639
April 2011	Undertake \$4.7242	Overtake \$5.0464

d. The cash-out price would be applied on imbalances identified after the end of each month and billed approximately on the 5<sup>th</sup> business day of the new month. Imbalances between customer Gas Usage and the Forecasted Daily Usage (FDU) adjusted for actual weather will be cashed out at the average of the Algonquin and Tennessee city gate delivered monthly indexes. The Company will prorate the imbalance amount between the months billed based on the customer's base load and heating use factors and apply the average monthly index to the corresponding month's imbalance quantity.

Prepared by or under the supervision of: John F. Nestor, III and Michael A. Bauer

#### Request:

Re: page 5, lines 1-3, of witness Bauer's Direct Testimony, please:

- a. Identify the limitations on winter withdrawals that the Company faces for the coming 2011-2012 winter period;
- b. Identify the limitations on winter withdrawals that marketer in RI would face for the coming 2011-2012 winter period under the Company's existing tariff provisions;
- c. Provide the data, studies and analyses upon which the Company relies to support the reasonableness of the proposed "monthly limits and allowed amounts."

#### Response:

- a. The storage limitations that apply are related to the inventory rule curve which the marketers are required to abide by.
- b. The monthly limitations for Marketers are as follows:

It is a twice a month rule curve where the percentages are given for the 1st and 15th of the month. For example as of December 1, 2011 the Marketers are required to be at or above 95%; and as of December 15th they can be at or above 86.5%. This would result in the following percentages on the monthly dates:

Subpart b continued:

11/01/2011	95.0%
11/15/2011	95.0%
12/01/2011	95.0%
12/15/2011	86.5%
01/01/2012	76.1%
01/15/2012	65.8%
02/01/2012	53.4%
02/15/2012	43.5%
03/01/2012	32.9%
03/15/2012	30.2%
04/01/2012	26.9%

The Narragansett Electric Company d/b/a National Grid Docket No. 4270 Tariff Advice Filing Regarding Changes in Terms and Conditions for Gas Marketers Responses to Division Data Requests (Set 1) Issued on September 2, 2011

Subpart b co	ntinued:
04/15/2012	33.9%
05/01/2012	42.0%
05/15/2012	49.2%
06/01/2012	57.9%
06/15/2012	64.9%
07/01/2012	72.9%
07/15/2012	77.3%
08/01/2012	82.6%
08/15/2012	83.2%
09/01/2012	83.8%
09/15/2012	88.9%
10/01/2012	94.7%
10/15/2012	94.8%

## Division 1-7 (continued)

c. Please see Attachment DIV 1-7. The marketer must be at or above the levels indicated on the date.

Attachment DIV 1-7 Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 1 of 1

Date	Perce	ntage
11/01/2011	95.00%	95.00%
11/15/2011	95.00%	
12/01/2011	95.00%	95.00%
12/15/2011	86.50%	
01/01/2012	76.10%	76.10%
01/15/2012	65.80%	
02/01/2012	53.40%	53.40%
02/15/2012	43.50%	
03/01/2012	32.90%	32.90%
03/15/2012	30.20%	
04/01/2012	26.90%	26.90%
04/15/2012	33.90%	
05/01/2012	42.00%	42.00%
05/15/2012	49.20%	
06/01/2012	57.90%	57.90%
06/15/2012	64.90%	
07/01/2012	72.90%	72.90%
07/15/2012	77.30%	
08/01/2012	82.60%	82.60%
08/15/2012	83.20%	
09/01/2012	83.80%	83.80%
09/15/2012	88.90%	
10/01/2012	94.70%	94.70%
10/15/2012	94.80%	

#### Rhode Island Underground Storage Percentages

### Request:

Re: page 5, lines 3-5, of witness Bauer's Direct Testimony, please:

- a. Identify in the tariff the "demand charge" to which witness Bauer refers;
- b. Identify all customers to whom the referenced demand charge would apply;
- c. Document any change in the level of the referenced demand charge that would accompany implementation of the Company's proposals in this proceeding; and
- d. Provide the cost basis for any change in the referenced demand charges that the Company presently seeks or would expect to request within the next 12 months as a result of approval of the Company's proposals in this proceeding.

#### Response:

- a. The reference is to the FT-2 Demand Charge. Please see RIPUC No. 101 Section 6, Schedule C, Sheet 25 of the proposed tariff.
- b. The demand charge would apply to all FT-2 Suppliers.
- c. The impact of the proposed FT-2 demand charge is de minimus. Please see the Testimony of John F. Nestor, III in Docket No. 4283 at 7-8.
- d. Please see response to subpart (c).

#### Request:

Re: page 5, lines 8-13, of witness Bauer's Direct Testimony, please:

- a. Provide the formulae the Company would use to calculate an individual customer's design peak day requirements;
- b. Identify any and all differences in data and methodology that the Company would use for customers in each rate classification.
- c. Indicate whether the Company would make such calculations for all customers or just for those customers who presently take or request transportation service;
- d. Provide all information, data, studies, analyses, and other checks that the Company relies upon to verify the reasonableness of:
  - i. The formulae used to estimate individual customers' design day requirements;
  - ii. The results of design day peak calculations for individual customers.
- e. Indicate the tariff provisions under which the Company currently assigns peaking storage entitlements;
- f. For each type of capacity to be assigned (i.e., pipeline, underground storage, and peaking storage), indicate the manner in which capacity assignments would be differentiated for "grandfathered" and non-grandfathered FT-1 customers.

#### Response:

- a. Peak Day = Daily Base Load + (Thermal Response \* Design Heating Degree Days)
- b. All customers would be categorized as high load factor or low load factor based on their weather sensitivity. Allocation of long haul capacity release, storage and peaking assets would be based on the appropriate customer category. See Attachment NG-JFN-7 in Docket No. 4283.

## Division 1-9 (continued)

- c. All customers would be deemed either high load factor or low load factor but the calculation and allocation of capacity, storage and peaking assets would be applied to transportation customers.
- d.

i. The formulae used to estimate individual customers' design day requirements is following: (Thermal response X 68 HDD) + Daily baseload.

ii. This is the standard industry calculation for a customer's design day requirement. It multiplies the individual customer's thermal response by the design heating degree days and adds the base.

- e. Please see RIPUC No. 101, Section 6, Schedule C, Sheet 21, Subpart 3.021.
- f. For each type of capacity to be assigned (i.e., pipeline, underground storage, and peaking storage), indicate the manner in which capacity assignments would be differentiated for "grandfathered" and non-grandfathered FT-1 customers. Under the proposed tariff there would no longer be grandfathered capacity.

#### Request:

Re: page 5, lines 14-17, of witness Bauer's Direct Testimony, please:

- a. Provide the average annual load factor of each rate classification the Company presently serves in RI;
- b. For the winter of 2011-2012, provide all supporting data, analyses, studies, and assumptions for the Company's calculation of the ratio of average winter-day use for all classes of the same load factor type to the system average average winter-day use of the whole system:
  - i. For high load factor customers;
  - ii. For low load factor customers.

#### Response:

- a. Please see Attachment Division 1-10(a).
- b. (i) and (ii)

Please see the Testimony of John F. Nestor, III in Docket No. 4283 at 12 and Attachment NG-JFN-1, Page 15.

Prepared by or under the supervision of: Leo A. Silvestrini and John F. Nestor, III

Attachment DIV 1-10a Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 1 of 1

#### Annual Load Factor of each rate classification the Company presently serves in RI

Actual dth	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Total	Nov-Apr	Average Annual Load Factor	
(including Firm Dual Fuel)																
1012 Residential non-heat (1012)	26,623	28,811	34,396	42,196	66,230	83,970	81,663	74,518	63,482	44,319	36,385	30,500	613,093	412,060	67.2%	HLF
1247 Residential heat (1247)	361,990	381,590	477,314	1,025,124	2,218,528	3,254,673	3,321,016	2,820,353	2,064,032	1,028,248	586,268	419,588	17,958,724	14,703,725	81.9%	LLF
2107 C & I small (2107)	42,040	46,311	65,398	115,197	292,499	487,812	495,049	407,231	275,546	123,393	68,788	54,697	2,473,961	2,073,334	83.8%	LLF
2237 C & I medium sales (2237+2231)	83,546	95,243	113,374	193,412	374,817	555,026	570,584	494,524	353,832	201,217	120,094	121,735	3,277,405	2,542,195	77.6%	LLF
22EN C & I medium FT-1 (22EN)	29,752	29,611	44,696	61,779	114,485	116,328	113,624	86,157	68,251	34,922	34,237	26,402	760,243	560,623	73.7%	LLF
2221 C & I medium FT-2 (2221)	29,150	29,043	39,207	67,288	136,964	201,798	215,608	205,876	132,781	82,783	54,623	41,849	1,236,969	960,315	77.6%	LLF
3367 LLF large sales (3367)	2,183	19,128	20,028	40,756	85,060	116,985	149,243	116,982	90,764	30,687	26,599	10,961	709,376	599,791	84.6%	LLF
33EN LLF large FT-1 (33EN)	17,281	20,650	56,611	92,968	190,991	200,308	193,300	145,457	103,539	38,937	17,336	15,214	1,092,591	926,563	84.8%	LLF
3321 LLF large FT-2 (3321)	7,899	10,619	22,880	43,040	91,153	137,880	145,179	126,621	88,452	55,989	14,153	15,487	759,351	632,325	83.3%	LLF
3496 LLF XL sales (3496)	1,045	696	894	2,031	1,950	5,445	5,689	4,322	4,090	2,759	1,770	881	31,572	23,526	74.5%	LLF
34EN LLF XL FT-1 (34EN)	15,155	17,472	35,683	83,773	174,467	156,725	156,250	123,506	104,731	45,827	12,885	12,768	939,242	799,452	85.1%	LLF
3421 LLF XL FT-2 (3421)	868	1,845	1,560	4,530	8,084	11,060	15,081	11,614	8,526	3,841	2,005	2,063	71,077	58,895	82.9%	LLF
2367 HLF large sales (2367)	11,450	19,746	19,243	22,061	30,759	35,858	22,148	38,724	25,991	18,567	17,110	15,952	277,609	175,541	63.2%	HLF
23EN HLF large FT-1 (23EN)	36,597	37,308	36,782	42,068	62,569	61,042	61,697	52,273	45,009	35,881	31,477	25,870	528,571	324,657	61.4%	HLF
2321 HLF large FT-2 (2321)	13,004	13,003	14,432	17,620	23,830	30,595	29,778	29,366	24,528	18,634	15,697	15,021	245,507	155,717	63.4%	HLF
2496 HLF XL sales (2496)	17,061	14,664	11,070	14,225	36,967	35,072	18,843	24,074	17,184	14,335	12,683	12,210	228,388	146,365	64.1%	HLF
24EN HLF XL FT-1 (24EN)	358,307	369,203	369,203	396,160	477,085	480,029	476,373	452,613	408,779	351,634	365,278	329,704	4,834,367	2,691,039	55.7%	HLF
2421 HLF XL FT-2 (2421)	8,697	8,060	7,980	9,403	16,731	20,902	22,720	19,881	17,947	13,729	12,681	10,663	169,394	107,584	63.5%	HLF
Total	1,062,647	1,143,003	1,370,751	2,273,632	4,403,169	5,991,505	6,093,845	5,234,091	3,897,464	2,145,701	1,430,069	1,161,567	36,207,443	27,893,706	77.0%	LLF

#### Request:

Re: page 6, lines 3-5, of witness Bauer's Direct Testimony, please:

- a. Explain the use of the term "portfolio" in the context of the referenced lines, and explain whose portfolio is being referenced (e.g., a Marketer's portfolio, the Company's portfolio, or some other portfolio;
- b. If a Marketer serves both high load factor and low load factor transportation service customers, for how many portfolios would assignments be made for the marketer.

#### Response:

- a. The term refers to National Grid's Rhode Island gas portfolio. Specifically, the assets in the portfolio that are used in serving and balancing our customers (capacity, storage and peaking assets)
- b. The assignment is based on the assets in the Rhode Island portfolio and they are allocated based on the customer's needs. For example, a residential heating customer will require more storage and peaking assets than a commercial manufacturer whose usage if basically uniform year round.

#### Request:

Re: page 6, lines 5-8, of witness Bauer's Direct Testimony, please provide the number of days each type of storage will be available for the winter of 2011-2012, including service from the Company's own peaking resources. If the number of days varies by storage service or contract within each type of storage, please detail all such variations.

#### Response:

Storage and Peaking will be available to Suppliers during each winter month. Please see the Company's Response to DIV 1-9 (b).

#### Request:

Re: page 6, lines 9-15, of witness Bauer's Direct Testimony, please:

- a. Is the phrase on line 10, "so they can provide quotes to customers," intended to suggest that marketers cannot presently provide quotes to customers?
- b. Explain in detail and provide documentation to support the manner in which the current tariff provisions inhibit marketers' ability to evaluate their costs to service a customer and how marketer's ability to evaluate such costs is differs substantially from the Company's ability to make similar evaluations.
- c. Please provide the information relating to "base and thermal use factors" that the Company has agreed to provide marketers, and state how and when the Company would update that information over time.

#### Response:

- a. That phrase is intended to describe the uses to which marketers would put the formula and the historic usage. It is not meant to suggest that Marketers cannot presently provide quotes to customers.
- b. The Company has not claimed that the current tariff provisions inhibit a Marketer's ability to evaluate their cost of service to customers. Rather the proposed changes were developed as part of a collaborative process designed to address issues and improve and simplify the existing processes. For example, because each customer will be assigned to a low or high load factor group, the Marketer's will know exactly how much capacity, storage and peaking assets will be assigned to the individual customers that they intend to serve.
- c. Base and thermal use factors are calculated on the account level (by customer) and based on that customer's usage. The base and thermal factors are updated annually.

#### Request:

Re: page 7, lines 4-8, of witness Bauer's Direct Testimony, please identify each instance in the Company's current fiscal year to date and in each of the three prior fiscal years in which a transportation service customer was moved to the Small C&I rate classification due to the customer's usage falling below the threshold for Medium C&I service.

#### Response:

There were no accounts reclassified from transportation to commercial small since 3/31/2008.

Prepared by or under the supervision of: Juliana Griffiths

#### Request:

Re: page 7, lines 4-8, of witness Bauer's Direct Testimony:

- a. If the Company is willing to open its transportation service offerings to Small C&I customers would it also advocate opening transportation service options for Residential customers. If not, please explain why not.
- b. Provide the analyses upon which the Company relies to assess the impacts of opening transportation service to Small C&I customers on:
  - i. Its operations,
  - ii. Its costs of providing service (including, but not limited to its costs of administering transportation services),
  - iii. Its planning of facilities;
  - iv. Its gas supply planning.

#### Response:

- a. The Company would be willing to address the opening of transportation service to residential customers in a collaborative with Marketers and regulators (Division staff, Commission staff) similar to what was conducted with the Marketers in this case. However, it should be noted that the issue of opening transportation service to residential customers was discussed at the collaborative and none of the Marketer's indicated a willingness to serve the residential market at this time.
- b. (i) through (iv)

The Company viewed the opening of transportation service as the logical progression of opening the C&I market to competition. Operations, systems and processes are in place to handle the other C&I rate classes, and the Company thus does not perceive major impacts in those areas of opening transportation service to Small C&I customers.

#### Request:

Re: page 7, lines 4-8, of witness Bauer's Direct Testimony:

- a. Does National Grid presently provide consolidated billing for gas transportation service customers in RI or any other jurisdiction?
- b. If the Company does provide consolidated billing, please document the costs incurred per bill by National Grid to provide such services to marketers in RI and in its other jurisdictions.
- c. If the Company does not presently provide consolidated billing for marketers of transportation services in RI, would the Company be willing to provide such service if the availability of transportation services are expanded to:
  - i. Small C&I customers
  - ii. Residential customers

#### Response:

a. National Grid does not provide consolidated billing at this time in Rhode Island, but it is offered in Massachusetts and New York.

b.	See subpart (a). The charges for consolidated billi	ing in Massachusetts and New York are:
	Massachusetts	\$.97 (proposed)
	New York	
	KEDNY	\$.76
	KEDLI	\$.65
	Niagara Mohawk	\$.50

c. The Company would be willing to discuss providing consolidated billing in Rhode Island in a collaborative with the Marketers and regulators, where issues of specific billing requirements and cost recovery could be discussed.

#### Request:

Re: page 7, lines 12-20, of witness Bauer's Direct Testimony, please:

- a. Identify the number of Medium C&I FT-1 customers served by the Company in each month of the Company's current fiscal year to date and each month of the three prior fiscal years.
- b. Provide the monthly volumes of gas delivered to Medium C&I FT-1 customers by the Company in each month of the Company's current fiscal year to date and each month of the three prior fiscal years.
- c. Identify the specific "improvements to the FT-2 service" that make access to FT-1 service unnecessary.
- d. Explain why the purport "improvements" in FT-2 service do not negate the need for FT-1 service for:
  - i. Large C&I customers
  - ii. Extra Large C&I customers

#### Response:

- a. Please see Attachment DIV 1-17.
- b. Please see subpart (a).
- c. It is the Company's view that FT-1 service still provides benefits to large commercial customers that require telemetry to manage balancing. However, there are still issues concerning the establishment and maintenance of telemetry for billing and by simplifying the FT-2 service, this service should be more attractive to many of the smaller FT-1 customers.
- d. (i) and (ii)

Please see subpart (c).

Prepared by or under the supervision of: John F. Nestor, III Juliana Griffiths and Michael A. Bauer.

Attachment DIV 1-17a-b Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 1 of 12

Medium FT-1 - Rate 22EN	FY 2009	Apr-08 #
(a) (b)	Customers Therms	383 843,730
Medium FT-1 - Rate 22EN	FY 2010	Apr-09
(a) (b)	Customers Therms	393 -117,503
	FY 2011	Apr-10
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	429 500,047
	FY 2012 to date	Apr-11
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	430 682,508

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Medium FT-1 - Rate 22EN	FY 2009	May-08 #
(a)	Customers	383
(b)	Therms	117,202
Medium FT-1 - Rate 22EN	FY 2010	May-09
(a)	Customers	400
(b)	Therms	326,625
Medium FT-1 - Rate 22EN	FY 2011	May-10
(a)	Customers	431
(b)	Therms	414,600
Medium FT-1 - Rate 22EN	FY 2012 to date	May-11
(a)	Customers	429
(b)	Therms	349,222

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Medium FT-1 - Rate 22EN	FY 2009 Customers	Jun-08 #
(a) (b)	Therms	249,589
Medium FT-1 - Rate 22EN	FY 2010	Jun-09
(a) (b)	Customers Therms	408 321,580
Medium FT-1 - Rate 22EN	FY 2011	Jun-10
(a) (b)	Customers Therms	431 300,699
Medium FT-1 - Rate 22EN	FY 2012 to date	Jun-11
(a) (b)	Customers Therms	432 342,366

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Medium FT-1 - Rate 22EN	FY 2009	Jul-08 #
(a)	Customers	384
(b)	Therms	927,072
Medium FT-1 - Rate 22EN	FY 2010	<b>Jul-09</b>
(a)	Customers	414
(b)	Therms	286,664
Medium FT-1 - Rate 22EN	FY 2011	Jul-10
(a)	Customers	432
(b)	Therms	274,299
Medium FT-1 - Rate 22EN	FY 2012 to date	Jul-11
(a)	Customers	432
(b)	Therms	264,020

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Medium FT-1 - Rate 22EN	FY 2009	Aug-08 #
(a)	Customers	383
(b)	Therms	589,924
Medium FT-1 - Rate 22EN	FY 2010	Aug-09
(a)	Customers	413
(b)	Therms	597,232
Medium FT-1 - Rate 22EN	FY 2011	Aug-10
(a)	Customers	433
(b)	Therms	297,520
Medium FT-1 - Rate 22EN	FY 2012 to date	Aug-11
(a)	Customers	432
(b)	Therms	300,270

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Medium FT-1 - Rate 22EN	FY 2009	<b>Sep-08</b> #
(a)	Customers	391
(b)	Therms	-642,266
Medium FT-1 - Rate 22EN	FY 2010	<b>Sep-09</b>
(a)	Customers	425
(b)	Therms	48,564
Medium FT-1 - Rate 22EN	FY 2011	<b>Sep-10</b>
(a)	Customers	421
(b)	Therms	296,108
Medium FT-1 - Rate 22EN (a) (b)	FY 2012 to date Customers Therms	

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	FY 2009	Oct-08
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	406 307,496
Modium ET 1 Data 22EN	FY 2010	Oct-09
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	427 539,878
	FY 2011	Oct-10
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	419 446,962
Medium FT-1 - Rate 22EN	FY 2012 to date	

Customers Therms

(a) (b)

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	FY 2009	Nov-08
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	404 <i>#</i> 388,273 0
Medium FT-1 - Rate 22EN	FY 2010	 Nov-09
(a) (b)	Customers Therms	431 555,832
	FY 2011	 Nov-10
Medium FT-1 - Rate 22EN (a) (b)	Customers Therms	423 617,791
Medium FT-1 - Rate 22EN	FY 2012 to date	

(a)	Customers
(b)	Therms

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Medium FT-1 - Rate 22EN	FY 2009	<b>Dec-08</b>
(a)	Customers	405
(b)	Therms	965,239
Medium FT-1 - Rate 22EN	FY 2010	<b>Dec-09</b>
(a)	Customers	428
(b)	Therms	926,255
Medium FT-1 - Rate 22EN	FY 2011	<b>Dec-10</b>
(a)	Customers	430
(b)	Therms	1,144,854
Medium FT-1 - Rate 22EN (a) (b)	FY 2012 to date Customers Therms	

Attachment DIV 1-17a-b Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 10 of 12

Medium FT-1 - Rate 22EN	FY 2009	Jan-09
(a)	Customers	393
(b)	Therms	1,106,756
Medium FT-1 - Rate 22EN	FY 2010	<b>Jan-10</b>
(a)	Customers	426
(b)	Therms	1,310,415
Medium FT-1 - Rate 22EN	FY 2011	Jan-11
(a)	Customers	429
(b)	Therms	1,163,276
Medium FT-1 - Rate 22EN (a) (b)	FY 2012 to date Customers Therms	

Attachment DIV 1-17a-b Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 11 of 12

Medium FT-1 - Rate 22EN	FY 2009	<b>Feb-09</b>
(a)	Customers	392
(b)	Therms	961,749
Medium FT-1 - Rate 22EN	FY 2010	<b>Feb-10</b>
(a)	Customers	427
(b)	Therms	1,022,838
Medium FT-1 - Rate 22EN	FY 2011	<b>Feb-11</b>
(a)	Customers	430
(b)	Therms	1,136,237
Medium FT-1 - Rate 22EN (a) (b)	FY 2012 to date Customers Therms	

Attachment DIV 1-17a-b Docket 4270 Terms Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 12 of 12

Medium FT-1 - Rate 22EN	FY 2009	Mar-09
(a)	Customers	391
(b)	Therms	862,375
Medium FT-1 - Rate 22EN	FY 2010	Mar-10
(a)	Customers	428
(b)	Therms	738,034
Medium FT-1 - Rate 22EN	FY 2011	Mar-11
(a)	Customers	430
(b)	Therms	861,567
Medium FT-1 - Rate 22EN (a) (b)	FY 2012 to date Customers Therms	

### Division 1-18

### Request:

Re: page 8, lines 8-11, of witness Bauer's Direct Testimony, please:

- a. Detail the methodology and data to be used to identify imbalances caused by errors in the daily weather forecast;
- b. Is it presumed that all marketers will be relying on the same forecasts in making their nominations?
- c. Provide the rationale for applying monthly index prices to any remaining imbalance volumes.

### Response:

- a. Daily delivery requirements are based on forecasted weather. As such, forecasted weather may cause deliveries to be more or less then what is required for a Marketer's customer pool. It is proposed that the delta between the forecasted weather and actual weather will be calculated and cashed-out on a daily balancing, in effect keeping both the Supplier and the Company whole.
- b. Yes. The Company will supply the Marketers with a five day weather forecast. In addition, the Company will calculate the Marketer's next day delivery requirement based on that days forecasted weather.
- c. Even though the Company is calculating the Market's delivery requirements using forecasted weather and truing up to actual weather, there is still likely to be some amount of difference between the customers metered usage and the Marketer's actual deliveries. That imbalance will need to be cashed out on a monthly basis.

Prepared by or under the supervision of: Michael Bauer

### Division 1-19

### Request:

Re: page 8, line 14, through page 9, line 2, of witness Bauer's Direct Testimony, please:

- a. Identify all information that the Company will receive through EDI transactions;
- b. Provide copies of the regulatory policies and/or terms and conditions that govern the use of EDI transactions in the other jurisdictions in which National Grid provides gas transportation services.

### Response:

- a. The Company proposes using EDI to facilitate the transfer of data between the Company and Marketers that is normally done in high volumes. The EDI transactions to be used include the 814 enrollment drop and change transactions as well as the 867 historical and monthly usage transactions.
- b. Each state has developed different EDI standards. In New York, the Public Service Commission has developed EDI standards that are set forth in the Business Process, Data Dictionaries and Implementation Guides that are available on the Commission's web site. On the other hand, Massachusetts also has developed their own EDI standards that the Company plans to generally follow in Rhode Island. Since, all of the gas suppliers in Rhode Island also do business in Massachusetts it is logical to use the same standard. Please see Attachment DIV 1-19.

Prepared by or under the supervision of: Michael Bauer

The Narragansett Electric Company d/b/a National Grid Docket No. 4270 Tariff Advice Filing Regarding Changes in Terms and Conditions for Gas Marketers Responses to Division Data Requests (Set 1) Issued on September 2, 2011

### Attachment DIV 1-19

Due to the voluminous nature of this file, the Company is providing this Attachment on CD-ROM.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 1 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET



MA248 (004010)

### 248 Account Assignment/Inquiry and Service of Status Sirst Set of Data Requests

Terms & Conditions for Gas Marketers and the

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Attachment DIV 1-19 Docket 4270

Functional Group ID=SU

### **Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Account Assignment/Inquiry and Service/Status Transaction Set (248) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used for two-way, multi-transactional purposes of assigning accounts for collection, reporting status inquiries and inquiry responses and to update accounts between entities.

### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BHT	Beginning of Hierarchical Transaction	Μ	1		
			LOOP ID - NM1			2	
М	030	NM1	LDC	М	1		n1
			LOOP ID - NM1			2	
М	030	NM1	Supplier	М	1		n2

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - HL		_	>1	
М	010	HL	Hierarchical Level	М	1		n3
М	020	NM1	Customer Information	М	1		n4
М	060	REF	Supplier Account Number for Customer	Μ	>1		
М	060	REF	LDC Account Number for Customer	М	>1		
	060	REF	OLD LDC Account Number for Customer	0	>1		
М	110	BAL	Balance Detail	Μ	1		
			LOOP ID - DTP			>1	
	120	DTP	Write-off Date	0	1		
М	180	SE	Transaction Set Trailer	М	1		

### **Transaction Set Notes**

- The NM1 loop will contain only information pertaining to the Credit Grantor and the Agency. 1.
- 2. The NM1 loop will contain only information pertaining to the Credit Grantor and the Agency.
- 3. The HL loop will contain parent-child (subordinate) data relationships pertaining to the debtor and/or any association to the debtor.
- 4. The NM1 segment will contain only information pertaining to the debtor and/or any subordinate association to the debtor.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 3 of 241

Segment: ST T			ransaction Set Header	Gas Marketers and the Calculation of Gas Cost Recovery Rat Responses to Division's First Set of Da			
	Position:	010		September 23, 2011 Page 3 of 241			
	Loop:			Ū.			
	Level:	Heading					
	Usage:	Mandato	ry				
	Max Use:	1					
	Purpose:	To indica	te the start of a transaction set and to assign a co	ntrol number			
	Syntax Notes:						
	Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	Comments: Notes:	nents:					
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	Name	Attributes			
Μ	ST01	143	Transaction Set Identifier Code	M ID 3/3			
			Code uniquely identifying a Transaction Set				
			248 Account Assignment/Inqu	iry and Service/Status			
Μ	ST02	329	Transaction Set Control Number	M AN 4/9			
			Identifying control number that must be unique functional group assigned by the originator for a				

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 4 of 241

	Segment: Position: Loop:	<b>BH</b> 7 020	Beginning of Hierarchical Transaction	Gas Marketers and the Calculation of Gas Cost Recovery Ra Responses to Division's First Set of E September 23, 2011 Page 4 of 241
	Level:	Heading		
	Usage:	Mandato	ry	
	Max Use: Purpose:	1 To defin	e the business hierarchical structure of the transact	ion sot and identify the
	i ui pose.		application purpose and reference data, i.e., numb	
	Syntax Notes:	00000000		
	Semantic Notes:		CO3 is the number assigned by the originator to ide	ntify the transaction within the
			nator's business application system.	
			CO4 is the date the transaction was created within t	he business application
		syste 3 BH7	CO5 is the time the transaction was created within t	he business application
		syste		ne ousmess appreation
	<b>Comments:</b>			
	Notes:		omer account per 248. This is a one to one relation	nship.
		BHT*00	57*22*1234567890*19990226	
	Ref.	Data	Data Element Summary	
	Des.	<u>Element</u>	Name	<u>Attributes</u>
Μ	BHT01	1005	Hierarchical Structure Code	M ID 4/4
			Code indicating the hierarchical application structure of utilizes the HL segment to define the structure of 0057 Supergroup, subgroup, mer	f the transaction set
			Debtor Customer	
Μ	BHT02	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			22 Information Copy	
				ng party that the billing party
М	BHT03	127	will no longer pursue collect Reference Identification	M AN 1/30
111	DIII00	12/	Reference information as defined for a particular	
			specified by the Reference Identification Qualifi	
			Unique Number identifying this transaction assig transaction. This number should be unique over	gned by the sender of the
Μ	BHT04	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			The transaction creation date - the date that the dapplication system.	ata was processed by the
			application system.	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 5 of 241

Segment:	NM1 LDC	Calculation of Gas Cost Recovery Responses to Division's First Set		
Position:	030	September 23, 2011 Page 5 of 241		
Loop:	NM1 Mandatory			
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To supply the full name of an individual or organizational entit	у		
Syntax Notes:	1 If either NM108 or NM109 is present, then the other is req	uired.		
	2 If NM111 is present, then NM110 is required.			
Semantic Notes:	1 NM102 qualifies NM103.			
<b>Comments:</b>	1 NM110 and NM111 further define the type of entity in NM	4101.		
Notes:	NM1*8S*3*LDC COMPANY****1*007909411			

М	Ref. <u>Des.</u> NM101	Data <u>Element</u> 98	<u>Name</u> Entity Identifie	r Code	<u>Attı</u> M	ributes ID 2/3
			Code identifying individual 8S	g an organizational entity, a physical location	n, prop	perty or an
			60	Consumer Service Provider (CSP) LDC		
Μ	NM102	1065	Entity Type Qu		Μ	ID 1/1
			Code qualifying	the type of entity		
			3	Unknown		
Μ	NM103	1035	Name Last or C	Organization Name	Μ	AN 1/35
			Individual last na	ame or organizational name		
			LDC Company l	Name		
Μ	NM108	66	Identification C	Code Qualifier	Μ	ID 1/2
			Code designating Code (67)	g the system/method of code structure used	for Ide	entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo	our Ch	aracter
Μ	NM109	67	Identification C	Code	Μ	AN 2/80
			Code identifying	g a party or other code		
			LDC D-U-N-S N	Number or D-U-N-S + 4 Number		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 6 of 241

NM1 Supplier	Calculation of Gas Cost Recovery R Responses to Division's First Set of					
Position: 030 September 23, 2 Page 6 of 241						
NM1 Mandatory						
Heading						
Mandatory						
1						
To supply the full name of an individual or organizational entity	,					
1 If either NM108 or NM109 is present, then the other is requ	uired.					
2 If NM111 is present, then NM110 is required.						
1 NM102 qualifies NM103.						
1 NM110 and NM111 further define the type of entity in NM	101.					
NM1*SJ*3*ESP COMPANY****9*007909422ESP1						
	<ul> <li>030</li> <li>NM1 Mandatory</li> <li>Heading</li> <li>Mandatory</li> <li>1</li> <li>To supply the full name of an individual or organizational entity</li> <li>1 If either NM108 or NM109 is present, then the other is requ</li> <li>2 If NM111 is present, then NM110 is required.</li> <li>1 NM102 qualifies NM103.</li> <li>1 NM110 and NM111 further define the type of entity in NM</li> </ul>					

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attr	<u>ributes</u>
Μ	NM101	98	Entity Identi	ifier Code	Μ	ID 2/3
			Code identify individual	ring an organizational entity, a physical location	, prop	perty or an
			SJ	Service Provider		
				Supplier		
Μ	NM102	1065	Entity Type	Qualifier	Μ	ID 1/1
			Code qualify	ing the type of entity		
			3	Unknown		
Μ	NM103	1035	Name Last o	or Organization Name	Μ	AN 1/35
			Individual las	st name or organizational name		
			Supplier Con	npany Name		
Μ	NM108	66	Identification	n Code Qualifier	Μ	ID 1/2
			Code designa Code (67)	ting the system/method of code structure used f	or Ide	entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo	ur Ch	aracter
				Suffix		
Μ	NM109	67	Identification	n Code	Μ	AN 2/80
			Code identify	ving a party or other code		
			Supplier D-U	-N-S Number or D-U-N-S + 4 Number		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 7 of 241

	Segment: Position:	<b>HL</b> 1	Hierarchical Leve	I	Calculation of Gas Cost Recovery Ra Responses to Division's First Set of I September 23, 2011			
	Loop:		Mandatory		Page 7 of 241			
	Loop: Level:	Detail	viandatory					
	Usage:	Mandato	rv					
	Max Use:	1	19					
	Purpose:		• •	nong and the content of hiera	rchically related groups of data			
	Syntax Notes:	U						
	Semantic Notes:							
	Comments:	struc item	cture, such as relation data.		nformation using a hierarchical data, and packaging data to line- ed structure.			
		2 HL0 segn num be "	11 shall contain a ur nent in the transacti ber of occurrences 1" for the initial HL	nique alphanumeric number f ion set. For example, HL01 c of the HL segment, in which segment and would be incre	or each occurrence of the HL ould be used to indicate the case the value of HL01 would			
			<ul><li>subsequent HL segment within the transaction.</li><li>HL02 identifies the hierarchical ID number of the HL segment to which the current</li></ul>					
		HL segment is subordinate.						
		segn HL0 grou 5 HL0	nent up to the next 3 is used to indicat ping of data referri	e that subsequent segments in ng to shipment, order, or iten r or not there are subordinate	in the transaction. For example, the HL loop form a logical			
	Notes:	HL*1**2						
	Ref.	Data	Data Ele	ment Summary				
	Des.	<u>Element</u>	<u>Name</u>		<u>Attributes</u>			
Μ	HL01	628	Hierarchical ID	Number	M AN 1/12			
			A unique number in a hierarchical s		ntify a particular data segment			
					ways be "1". This is a one to			
Μ	HL03	735	Hierarchical Lev	vel Code	M ID 1/2			
			Code defining the	characteristic of a level in a	hierarchical structure			
			24	Supergroup				
					ould include both a credit or			

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Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the NM1 Customer Information Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 020 Page 8 of 241 Loop: HL Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To supply the full name of an individual or organizational entity If either NM108 or NM109 is present, then the other is required. Syntax Notes: 1 If NM111 is present, then NM110 is required. 2 Semantic Notes: NM102 qualifies NM103. 1 NM110 and NM111 further define the type of entity in NM101. **Comments:** 1 Notes: NM1\*D4\*3

М	Ref. <u>Des.</u> NM101	Data <u>Element</u> 98	<u>Name</u> Entity Identifier C	ode	<u>Attr</u> M	<u>ibutes</u> ID 2/3
			Code identifying an individual D4	organizational entity, a physical location Debtor	n, prop	perty or an
				This could be a credit or debit write-off	f situat	ion.
Μ	NM102	1065	Entity Type Qualif	fier	Μ	ID 1/1
			Code qualifying the	type of entity		
			3	Unknown		

Segment: Position:	<b>REF</b> Supplier Account Number for Customer	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
		Page 9 of 241
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
-	2 If either C04003 or C04004 is present, then the other is	required.
	3 If either C04005 or C04006 is present, then the other is	required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF0	2.
<b>Comments:</b>	č	
Notes:	REF*11*1394959	

Μ	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Reference Identi	fication Qualifier he Reference Identification	<u>Attı</u> M	ributes ID 2/3
			11	Account Number Supplier assigned account number for e customer.	end us	e [debtor]
Μ	REF02	127		<b>fication</b> ation as defined for a particular Transactio deference Identification Qualifier	M n Set	<b>AN 1/30</b> or as

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Segment:	${f REF}$ LDC Account Number for Customer	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Dat
<b>Position:</b>	060	September 23, 2011 Page 10 of 241
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	3 If either C04005 or C04006 is present, then the other	is required.
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in RE	
Notes:	REF*12*1234567890	

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128		ification Qualifier	<u>Attı</u> M	ributes ID 2/3	
			Code qualifying	the Reference Identification			
			12	Billing Account			
				LDC-assigned account number for end	use [c	lebtor]	
				customer.			
Μ	REF02	127	<b>Reference Ident</b>	ification	Μ	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Account Number				

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0

	Segment: Position:	<b>REF</b>	OLD	LDC Account Number for Customer	Responses to September 23	f Gas Cost Recovery Rat Division's First Set of Da 3, 2011
	Loop:		Mandator	ry.	Page 11 of 24	41
	Level:	Detail	iundutoi	- y		
	Usage:	Optional				
	Max Use:	>1				
	<b>Purpose:</b>	To specif	fy identif	ying information		
	Syntax Notes:			of REF02 or REF03 is required.		
		2 If eit	ther C040	003 or C04004 is present, then the other is 1	required.	
		3 If eit	ther C040	005 or C04006 is present, then the other is 1	required.	
	Semantic Notes: Comments:	1 REF	04 conta	ins data relating to the value cited in REF0.	2.	
		REF*45*	*1235367	7812 Data Element Summary		
	Ref.	Data	NT			·····
М	<u>Des.</u> REF01	<u>Element</u> 128	<u>Name</u> Referei	nce Identification Qualifier	<u>Att</u> M	<u>tributes</u> ID 2/3
			Code qu	ualifying the Reference Identification		
			45	Old Account Number		
				Previous LDC-assigned accor [debtor] customer.	unt number for	end use
Μ	REF02	127	Referen	nce Identification	Μ	AN 1/30
			specifie	nce information as defined for a particular T and by the Reference Identification Qualifier		or as
			LDC's j	previous account number for the customer.		

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Segment:	<b>BAL</b> Balance Detail	Calculation of Gas C Responses to Divisio
Position:	110	September 23, 2011 Page 12 of 241
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify the specific monetary balances associated with a p	articular account
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	BAL*CD*BD*325.67	

If the amount is signed with a '-' it means it is a credit due to Customer.

	Ref.	Data		-		
	Des.	<b>Element</b>	<u>Name</u>		Att	ributes
Μ	BAL01	951	<b>Balance Type Cod</b>	e	Μ	ID 1/2
			Code indicating the	type of balance		
			CD	Cycle to Date		
Μ	BAL02	522	<b>Amount Qualifier</b>	Code	Μ	ID 1/3
			Code to qualify amo	ount		
			BD	Balance Due		
Μ	BAL03	782	<b>Monetary Amount</b>		Μ	R 1/18
			Monetary amount			
			This is the amount t	hat the billing party will no longer pursue	e colle	ections for.

Docket 4270 Terms & Conditions for Gas Marketers and the **DTP** Write-off Date Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 120 Page 13 of 241 DTP Loop: Optional Level: Detail Usage: Optional Max Use: 1 **Purpose:** To specify any or all of a date, a time, or a time period Syntax Notes: Semantic Notes: 1 DTP02 is the date or time or period format that will appear in DTP03. **Comments:** DTP\*630\*D8\*19990226 Notes:

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	Ref.	Data	Data Elem	cht Summary		
	Des.	<b>Element</b>	Name		Attı	ributes
Μ	DTP01	374	Date/Time Qualifi	er	Μ	ID 3/3
			Code specifying typ	be of date or time, or both date and time		
			630	Account Closed		
				Date the account was written off.		
Μ	DTP02	1250	Date Time Period	Format Qualifier	Μ	ID 2/3
			Code indicating the	date format, time format, or date and time	e fori	nat
			D8	Date Expressed in Format CCYYMMD	D	
Μ	DTP03	1251	<b>Date Time Period</b>		Μ	AN 1/35
			Expression of a date	e, a time, or range of dates, times or dates	and t	imes

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	Segment:		ransaction Set Trailer	Gas Marketers and the Calculation of Gas Cost Recove Responses to Division's First Se September 23, 2011
	Position:	180		Page 14 of 241
	Loop:			
	Level:	Detail		
	Usage:	Mandato	ry	
	Max Use:	1		
	Purpose:		ate the end of the transaction set and provide the cou s (including the beginning (ST) and ending (SE) seg	
	Syntax Notes:			
S	emantic Notes:			
	<b>Comments:</b>	<b>1</b> SE is	s the last segment of each transaction set.	
	Notes:	SE*28*0	00000001	
			Data Element Summary	
	Ref.	Data		
	Des.	<b>Element</b>	<u>Name</u>	<u>Attributes</u>
[	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction segments	n set including ST and SE
[	SE02	329	Transaction Set Control Number	M AN 4/9

Transaction Set Control NumberMAN 4/9Identifying control number that must be unique within the transaction setfunctional group assigned by the originator for a transaction set

М

Μ

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# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET



MA810ESP (004010)

## 810 Invoice

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 16 of 241

Functional Group ID=

### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	010	ST	Transaction Set Header	М	1		
М	020	BIG	Beginning Segment for Invoice	М	1		
М	050	REF	LDC Account Number for Customer	М	12		
М	050	REF	Supplier Account Number for Customer	М	12		
Dep	050	REF	Meter Number	0	12		
			LOOP ID - N1		•	200	
М	070	N1	LDC	М	1		
			LOOP ID - N1			200	
М	070	N1	Supplier	М	1		

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - IT1			200000	
М	010	IT1	Invoice Account Level	М	1		
			LOOP ID - SAC	· · ·	· ·	25	
М	180	SAC	Service, Promotion, Allowance, or Charge Information Account Level	М	1		

### **Summary:**

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	Repeat	<b>Comments</b>
М	010	TDS	Total Monetary Value Summary	М	1		
М	070	CTT	Transaction Totals	М	1		n1
М	080	SE	Transaction Set Trailer	М	1		

### **Transaction Set Notes**

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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	Segment:	ST т	ransaction Set Header	Responses to I	Gas Cost Recovery Rat Division's First Set of Da		
	Position:	010		September 23, Page 17 of 241			
	Loop:			0			
	Level:	Heading					
	Usage:	Mandato	ry				
	Max Use:	1					
	Purpose:	To indica	ate the start of a transaction set and to assign a control	number			
	Syntax Notes:						
	Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	<b>Comments:</b>		,				
	Notes:	ST*810*	0000001				
	D C	D (	Data Element Summary				
	Ref.	Data	NT.		•1		
М	Des.	Element	Name Transmention Set Linetifier Code		ributes		
Μ	ST01	143	Transaction Set Identifier Code	M	ID 3/3		
			Code uniquely identifying a Transaction Set				
			810 Invoice				
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9		
			Identifying control number that must be unique withir functional group assigned by the originator for a trans		tion set		

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	Segment: Position: Loop:	<b>BIG</b> 020	Beginning Segmen	t for Invoice		Gas Cost Recovery Rat Division's First Set of D , 2011
	Level: Usage: Max Use: Purpose:		ate the beginning of a	n invoice transaction set and t	ransmit identifyi	ng numbers
	Syntax Notes: Semantic Notes:	2 BIG 3 BIG BIG	01 is the invoice issue 03 is the date assigned 10 indicates the conso 10 is not used.	d by the purchaser to purchase blidated invoice number. Whe	n BIG07 contain	is code CI,
	Comments: Notes:			her define the type of invoice 500001***2048392934504**		
			Data Eleme	ent Summary		
М	Ref. <u>Des.</u> BIG01	Data <u>Element</u> 373	<u>Name</u> Date		<u>Attı</u> M	<u>ributes</u> DT 8/8
			Date expressed as C The transaction crea sender's application	tion date - the date that the da	ta was processed	l by the
Μ	BIG02	76	Invoice Number Identifying number		Μ	AN 1/22
			transaction. This nu	n identification number assign mber must be unique over tin		ator of this
Μ	BIG07	640	Transaction Type Code specifying the ME		М	ID 2/2
Μ	BIG08	353	<b>Transaction Set Pu</b> Code identifying pu 00	rpose Code rpose of transaction set Original	Μ	ID 2/2

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Segment:	${f REF}$ LDC Account Number for Customer	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	050	September 23, 2011 Page 19 of 241
Loop:		- 292 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other i	s required.
	<b>3</b> If either C04005 or C04006 is present, then the other i	s required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF	F02.
<b>Comments:</b>		
Notes:	REF*12*39205810578	

			Data Eler	ment Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identif	fication Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
			Code qualifying the	ne Reference Identification		
			12	Billing Account		
				LDC assigned account number for end	use cu	istomer
Μ	REF02	127	<b>Reference Identif</b>	fication	Μ	AN 1/30
				ation as defined for a particular Transaction efference Identification Qualifier	n Set o	or as
			Account Number			

	<b>PFF</b> and the second	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates
Segment:	${f REF}$ Supplier Account Number for Customer	Responses to Division's First Set of Data Requests September 23, 2011
Position:	050	Page 20 of 241
Loop:		-
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
-	2 If either C04003 or C04004 is present, then the other is	required.
	3 If either C04005 or C04006 is present, then the other is	required.
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF0	1
Notes:	REF*11*395871290	

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			Data Ele	ment Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identi	fication Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
			Code qualifying the	he Reference Identification		
			11	Account Number		
				Supplier assigned account number for	end us	e customer
Μ	REF02	127	<b>Reference Identi</b>	fication	Μ	AN 1/30
				ation as defined for a particular Transactio eference Identification Qualifier	n Set o	or as
			Account Number			

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	Segment: Position: Loop:	<b>REF</b> 050	Meter Number	Gas Marketers and the Calculation of Gas Cost Recovery F Responses to Division's First Set of September 23, 2011 Page 21 of 241
	Level:	Heading		
	Usage:	Optional	(Dependent)	
	Max Use:	12		
	Purpose:	To specif	fy identifying information	
	Syntax Notes:	<b>1</b> At le	east one of REF02 or REF03 is required.	
	Semantic Notes: Comments:	3 If eit	ther C04003 or C04004 is present, then the other is requi ther C04005 or C04006 is present, then the other is requi 704 contains data relating to the value cited in REF02.	
	Notes:	Berkshire	one meter number must be provided for validation purpo e. 3*1234567	ses for Bay State and
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	Name	Attributes
Μ	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			MG Meter Number	
Μ	REF02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Trans specified by the Reference Identification Qualifier	action Set or as
			Meter Number	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10	Mandatory ry fy a party by type east one of N102 ther N103 or N10 segment, used al nizational identif ide a key to the ta 5 and N106 furth	e of organization, nam or N103 is required. 4 is present, then the one, provides the mos ication. To obtain this able maintained by the er define the type of e '*1*007909411**40 (	Doo Ter Gai Ret Sep Pag other is required. st efficient method of s efficiency the "ID C e transaction processs entity in N101.	sponses to E ptember 23, ge 22 of 241 f providin Code" (N	tions for and the Sas Cost Recovery Division's First Set o 2011 2011	
			LDC COMPANY	*9*0079094110001*	· · · · · · · · · · · · · · · · · · ·			
	<b>D</b> 4	<b>D</b> (	Data E	lement Summary				
	Ref.	Data Element	Nome			A 44	3h4 o a	
М	<u>Des.</u> N101	<u>Element</u> 98	<u>Name</u> Entity Identifie	or Codo			<u>ibutes</u> ID 2/3	
IVI		20	•		tity a physical loast			
			individual	g an organizational en	nity, a physical local	lon, prop	erty or an	
			8S	Consumer Servi	ice Provider (CSP)			
			00	LDC				
Μ	N102	93	Name			М	AN 1/60	
IVII.	11102	))	Free-form name			171	11111/00	
			This is the LDC					
М	N103	66	Identification (			М	ID 1/2	
IVI	N103	00		-	of and a structure use			
			Code (67)	ig the system/method	of code structure use	a for fae	minication	
			1	D-U-N-S Numb	er, Dun & Bradstreet	t		
			9		U-N-S Number with		aracter	
			-	Suffix		1 0 01 011		
Μ	N104	67	Identification (			Μ	AN 2/80	
			Code identifyin	g a party or other code	e			
				V & Bradstreet Numbe		e +4.		
Μ	N106	<b>98</b>	Entity Identifie				ID 2/3	
			•	g an organizational en Receiver	ntity, a physical locat			

	Segment: Position: Loop: Level: Usage: Max Use:	Heading Mandato 1	Mandatory ry			ttions for and the Gas Cost Recovery Rates Division's First Set of Data Requests 2011
	Purpose:			of organization, name, and code		
	Syntax Notes:			or N103 is required.		
	Semantic Notes:	2 If eit	ther N103 or N104	4 is present, then the other is required.		
	Comments:	1 This	segment, used alc	one, provides the most efficient metho	d of providi	ng
	Notes:	prov 2 N10 N1*SJ*E	ide a key to the ta 5 and N106 furthe SP COMPANY* SP COMPANY*	cation. To obtain this efficiency the "I ble maintained by the transaction proc or define the type of entity in N101. 9*0079094220001**41(as Sender) 1*007909422**41 (as Sender)		
	D f	D (	Data Ele	ement Summary		
	Ref. <u>Des.</u>	Data Element	Name		A ##1	ributes
М	<u>Des.</u> N101	<u>98</u>	Entity Identifie	r Code	M	ID 2/3
			•	an organizational entity, a physical lo Service Provider Supplier	ocation, prop	perty or an
М	N102	93	Name	Supplier	М	AN 1/60
	11202		Free-form name			111 1 2/00
			This is the Suppl	lier's name.		
М	N103	66	Identification C		М	ID 1/2
			Code designating Code (67) 1 9	g the system/method of code structure D-U-N-S Number, Dun & Bradst D-U-N-S+4, D-U-N-S Number v	treet	
N /	N104		T.J	Suffix	м	A NI 2/00
Μ	N104	67	Identification C	a party or other code	Μ	AN 2/80
				& Bradstreet Number with or without	t the $\perp 1$	
Μ	N106	98	Entity Identifier		M Une +4.	ID 2/3
1.11	11100	20	•	an organizational entity, a physical lo Submitter		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 24 of 241

Comonte	IT1 Invoice Account Level	Gas Marketers and the Calculation of Gas Cost Recovery R
Segment:		Responses to Division's First Set of September 23, 2011
Position:	010 IT1 Mandatana	Page 24 of 241
Loop:	IT1 Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1 To an arithmetic and most for months and line item date f	an the increases and veloced
Purpose:	To specify the basic and most frequently used line item data for	or the invoice and related
C N - 4	transactions	
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are req	
	2 If either IT106 or IT107 is present, then the other is requi	
	3 If either IT108 or IT109 is present, then the other is requi	
	4 If either IT110 or IT111 is present, then the other is requi	
	5 If either IT112 or IT113 is present, then the other is requi	
	6 If either IT114 or IT115 is present, then the other is requi	
	7 If either IT116 or IT117 is present, then the other is requi	
	8 If either IT118 or IT119 is present, then the other is requi	
	<b>9</b> If either IT120 or IT121 is present, then the other is requi	
	<b>10</b> If either IT122 or IT123 is present, then the other is requi	
a (1 ) .	<b>11</b> If either IT124 or IT125 is present, then the other is requi	red.
Semantic Notes:	<b>1</b> IT101 is the purchase order line item identification.	
<b>Comments:</b>	1 Element 235/234 combinations should be interpreted to in	1
	services. See the Data Dictionary for a complete list of ID	
	2 IT106 through IT125 provide for ten different product/ser	
	example: Case, Color, Drawing No., U.P.C. No., ISBN N	
Notes:	This IT1 Loop is used to convey charges and taxes that apply	
	Loops may be sent in any order; however, there may be only	ONE IT1 Account Loop.
	Required if there are charges associated with the account.	
	IT1*001*****SV*GAS*C3*ACCOUNT	
	Data Element Summary	
Ref.	Data Element Summary	

	NCI.	Data			
	Des.	<u>Element</u>	Name	At	<u>tributes</u>
Μ	IT101	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters a	ssigned for differentiation within a tra	nsaction set
			Sequential line item counter	r.	
Μ	IT106	235	Product/Service ID Quali	fier M	ID 2/2
			Code identifying the type/s Product/Service ID (234)	ource of the descriptive number used	in
			SV Servic	ce Rendered	
Μ	IT107	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a pr	oduct or service	
			GAS Gas S	ervice	
Μ	IT108	235	<b>Product/Service ID Quali</b>	fier M	ID 2/2
			Product/Service ID (234)	ource of the descriptive number used fication	in
М	IT109	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a pr	oduct or service	
			ACCOUNT Indica	ttes that charges pertain to the account	t level.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates **a tepponses (consult Levess** et of Data Requests September 23, 2011

Segment:	Gas Marketers and the Calculation of Gas Cost Recovery Rat Calculation of Gas Cost Recovery Rat Calculation of Gas Cost Recovery Rat Calculation of Gas Cost Recovery Rat
Position:	180 September 23, 2011 Page 25 of 241
Loop:	SAC Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount
-	or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
v	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	5 If SAC11 is present, then SAC10 is required.
	<ul><li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li></ul>
	<ul><li>7 If SAC14 is present, then SAC13 is required.</li></ul>
	<ul><li>8 If SAC16 is present, then SAC15 is required.</li></ul>
Semantic Notes:	<ol> <li>If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.</li> </ol>
Semantic 10005.	<ul> <li>2 SAC05 is the total amount for the service, promotion, allowance, or charge.</li> </ul>
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	<ul><li>3 SAC08 is the allowance or charge rate per unit.</li></ul>
	· · · · · · · · · · · · · · · · · · ·
	different from the purchase order or invoice quantity.
	SAC10 and SAC11 used together indicate a quantity range, which could be a dollar
	amount, that is applicable to service, promotion, allowance, or charge.
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference
	number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when there is more
	than one option of the promotion.
	7 SAC16 is used to identify the language being used in SAC15.
<b>Comments:</b>	1 SAC04 may be used to uniquely identify the service, promotion, allowance, or
	charge. In addition, it may be used in conjunction to further the code in SAC02.
	2 In some business applications, it is necessary to advise the trading partner of the
	actual dollar amount that a particular allowance, charge, or promotion was based on
	to reduce ambiguity. This amount is commonly referred to as "Dollar Basis
	Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" -
	Dollars in SAC09.
Notes:	Only one SAC is allowed for adjustments
	SAC*C**GU*TPI002*100.00
	Data Element Summary
Rof	Data

			2			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attı	<u>ibutes</u>
Μ	SAC01	248	Allowance or Cha	rge Indicator	Μ	ID 1/1
			Code which indicat	es an allowance or charge for the service	specit	fied
			С	Charge		
Μ	SAC03	559	Agency Qualifier (	Code	Μ	ID 2/2
			Code identifying the	e agency assigning the code values		
			GU	Natural Gas Utilities		
Μ	SAC04	1301	Agency Service, P	comotion, Allowance, or Charge Code	Μ	AN 1/10
			Agency maintained charge	code identifying the service, promotion,	allow	ance, or
			TPI002	Energy Services Supplier initiated line i	tems	
Μ	SAC05	610	Amount		Μ	N2 1/15
			Monetary amount			
			This amount must b NOT determined by	e signed if negative. Whether an amount x SAC01.	is ne	gative is

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 26 of 241

Segment:	TDS	Total Monetary Value	Summarv	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	010	J		September 23, 2011 Page 26 of 241
Loop:				1 490 20 01 241
Level:	Summar	y		
Usage:	Mandato	ry		
Max Use:	1			
Purpose:	To specif	fy the total invoice discoun	ts and amounts	
Syntax Notes:				
Semantic Notes:		S01 is the total amount of ir as discount (if discount is a		less allowances) before
	2 TDS	02 indicates the amount up	on which the terms disco	ant amount is calculated.
	3 TDS	03 is the amount of invoic	e due if paid by terms disc	ount due date (total invoice
	or in	stallment amount less cash	discount).	
	4 TDS	04 indicates the total amou	int of terms discount.	
Comments:		602 is required if the dollar e of TDS01.	value subject to discount	s not equal to the dollar
Notes:	TDS*98'	75		
Ref.	Data	Data Element S	ummary	
Des.	Element	Name		Attributes
<u>Des.</u> TDS01	610	Amount		M N2 1/15
		Monetary amount		
		Note: 9875 represents \$9	8.75 - there is an implied of	lecimal.

Segment:	<b>CTT</b> Transaction Totals	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	070	September 23, 2011 Page 27 of 241
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the t	transaction set
Syntax Notes:	<b>1</b> If either CTT03 or CTT04 is present, then the oth	her is required.
	2 If either CTT05 or CTT06 is present, then the oth	her is required.
Semantic Notes:		
Comments:	1 This segment is intended to provide hash totals to and correctness.	o validate transaction completeness
Notes:	CTT*5	

	Ref.	Data		
	Des.	<u>Element</u>	Name	<b>Attributes</b>
Μ	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			The number of IT1 segments.	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates

### OT

Segment:	SE t	ransaction Set Trailer	Calculation of Gas Cost Recovery Rat Responses to Division's First Set of D
Position:	080		September 23, 2011 Page 28 of 241
Loop:			
Level:	Summary	ý	
Usage:	Mandato	ry	
Max Use:	1		
Purpose:		ate the end of the transaction set and provide the s (including the beginning (ST) and ending (SE)	
Syntax Notes: Semantic Notes: Comments: Notes:		s the last segment of each transaction set.	
10000	22.00 0	Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transa segments	iction set including ST and SE
SE02	329	<b>Transaction Set Control Number</b>	M AN 4/9

Identifying control number that must be unique within the transaction set

functional group assigned by the originator for a transaction set

MA810ESP (004010)

М

Μ

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 29 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET



MA810ESP (004010)

## 810 Invoice

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 30 of 241

Functional Group ID=

### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	010	ST	Transaction Set Header	М	1		
М	020	BIG	Beginning Segment for Invoice	М	1		
М	050	REF	LDC Account Number for Customer	М	12		
М	050	REF	Supplier Account Number for Customer	М	12		
Dep	050	REF	Meter Number	0	12		
			LOOP ID - N1	· · ·	· ·	200	
М	070	N1	LDC	М	1		
			LOOP ID - N1			200	
М	070	N1	Supplier	М	1		

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - IT1			200000	
М	010	IT1	Invoice Account Level	М	1		
			LOOP ID - SAC			25	
М	180	SAC	Service, Promotion, Allowance, or Charge Information Account Level	М	1		

### **Summary:**

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	Repeat	<b>Comments</b>
М	010	TDS	Total Monetary Value Summary	М	1		
М	070	CTT	Transaction Totals	М	1		n1
М	080	SE	Transaction Set Trailer	М	1		

### **Transaction Set Notes**

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 31 of 241

	Segment:	ST т	ransaction Set Header	Responses to I	Gas Cost Recovery Rate Division's First Set of Da		
	Position:	010		September 23, Page 31 of 241			
	Loop:			- 5			
	Level:	Heading					
	Usage:	Mandato	ry				
	Max Use:	1					
	Purpose:	To indica	te the start of a transaction set and to assign a control n	umber			
	Syntax Notes:						
	Semantic Notes:	<b>1</b> The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	Comments: Notes:	ST*810*	0000001				
			Data Element Summary				
	Ref.	Data	N		•1		
	Des.	Element	Name		<u>ributes</u>		
Μ	ST01	143	Transaction Set Identifier Code	M	ID 3/3		
			Code uniquely identifying a Transaction Set				
			810 Invoice				
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9		
			Identifying control number that must be unique within functional group assigned by the originator for a trans		ion set		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 32 of 241

	Segment: Position: Loop:	<b>BIG</b> 020	<sup>-</sup> Beginning Se	egment for Invoice		Gas Cost Recovery Rat Division's First Set of D , 2011
	Level: Usage: Max Use: Purpose:	Heading Mandato 1 To indica	ry	ng of an invoice transaction set and	transmit identifyi	ng numbers
	Syntax Notes: Semantic Notes:	and dates <b>1</b> BIG <b>2</b> BIG <b>3</b> BIG	s 01 is the invoic 03 is the date a	-	se order.	-
	Comments: Notes:	1 BIG	07 is used only	to further define the type of invoid 201123500001***2048392934504*		
		<b>.</b> .	Data	Element Summary		
	Ref.	Data	N		• 44	····
М	<u>Des.</u> BIG01	Element 373	<u>Name</u> Date			<u>ributes</u> DT 8/8
		0.0		ed as CCYYMMDD		
			The transaction	on creation date - the date that the cleation system.	lata was processed	d by the
Μ	BIG02	76	Invoice Num		Μ	AN 1/22
			Identifying nu	umber assigned by issuer		
			-	saction identification number assign This number must be unique over ti		ator of this
Μ	BIG07	640	Transaction	Type Code	Μ	ID 2/2
			Code specifyi ME	ing the type of transaction Memorandum		
Μ	BIG08	353	Transaction	Set Purpose Code	Μ	ID 2/2
			Code identify	ving purpose of transaction set		
			00	Original		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Rates f Data Requests

Segment:	<b>REF</b> LDC Account Number for Customer	Gas Marketers and the Calculation of Gas Cost Recovery Rat Responses to Division's First Set of D
Position:	050	September 23, 2011 Page 33 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
•	2 If either C04003 or C04004 is present, then the other	is required.
	3 If either C04005 or C04006 is present, then the other	
Semantic Notes:	1 REF04 contains data relating to the value cited in RE	-
<b>Comments:</b>		
Notes:	REF*12*39205810578	

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifie	cation Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
				Reference Identification		
			12	Billing Account		
				LDC assigned account number for end	use cu	istomer
Μ	REF02	127	<b>Reference Identifie</b>	cation	Μ	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Account Number			

	DEE	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates
Segment:	${f REF}$ Supplier Account Number for Customer	Responses to Division's First Set of Data Requests
Position:	050	September 23, 2011 Page 34 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
<b>Purpose:</b>	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
-	2 If either C04003 or C04004 is present, then the other is	s required.
	3 If either C04005 or C04006 is present, then the other is	
Semantic Notes:	1 REF04 contains data relating to the value cited in REF	02.
<b>Comments:</b>	C	
Notes:	REF*11*395871290	

Attachment DIV 1-19

			Data Lie	ment Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identi	fication Qualifier	-	<u>ributes</u> ID 2/3
			Code qualifying the	he Reference Identification		
			11	Account Number		
				Supplier assigned account number for e	end us	e customer
Μ	REF02	127	<b>Reference Identi</b>	fication	Μ	AN 1/30
				ation as defined for a particular Transaction efference Identification Qualifier	n Set o	or as
			Account Number			

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	Segment:	REF	Meter Number			Bas Cost Recovery F Division's First Set of
	Position:	050				2011
	Loop:				Page 35 of 241	
	Level:	Heading				
	Usage:	Optional	(Dependent)			
	Max Use:	12				
	Purpose:	To specif	y identifying information			
	Syntax Notes:	1 At le	ast one of REF02 or REF03	is required.		
	-	2 If eit	ner C04003 or C04004 is pre	sent, then the other is requi	ired.	
		3 If eit	ner C04005 or C04006 is pre	sent, then the other is requi	ired.	
	Semantic Notes:	1 REF	04 contains data relating to th	ne value cited in REF02.		
	<b>Comments:</b>					
	Notes:	Berkshire	ne meter number must be pro *1234567		505 IOI Day	
	D. (		Data Element Sun	nmary		
	Ref.	Data			• • •	•••
3.7	Des.	Element	<u>Name</u>	1.0.		ibutes
Μ	REF01	128	Reference Identification Q		IVI	ID 2/3
			Code qualifying the Referen	ce Identification		
			MG Meter	Number		
Μ	REF02	127	<b>Reference Identification</b>		Μ	AN 1/30
			Reference information as de	fined for a particular Trans	saction Set o	or as
			specified by the Reference I	dentification Qualifier		
			Meter Number			

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10	Mandatory ry fy a party by type east one of N102 of ther N103 or N10 segment, used al- nizational identifi ide a key to the ta 5 and N106 furthe	e of organization, name or N103 is required. 4 is present, then the or one, provides the most ication. To obtain this e able maintained by the er define the type of en *1*007909411**40 (a	Dock Term Gas Calc Resp Sept Page ther is required. efficient method of efficiency the "ID Co transaction processin tity in N101.	ponses to E tember 23, e 36 of 241 providin ode" (N	tions for and the Sas Cost Recovery I Division's First Set o 2011 2011	
		N1*8S*I	DC COMPANY	*9*0079094110001**	40 (as Receiver)			
			Data E	lement Summary				
	Ref.	Data						
	Des.	<u>Element</u>	Name Name				<u>ibutes</u>	
Μ	N101	98	Entity Identifie				ID 2/3	
				g an organizational enti	ity, a physical locati	on, prop	berty or an	
			individual	Construction Constitu	- Dussidan (CCD)			
			8S	Consumer Service	e Provider (CSP)			
	N100	02	NT	LDC		м	A NI 1/60	
Μ	N102	93	Name			Μ	AN 1/60	
			Free-form name					
			This is the LDC					
Μ	N103	66	Identification (	-			ID 1/2	
			Code designatin Code (67)	g the system/method o	f code structure used	d for Ide	entification	
			1	D-U-N-S Number	r, Dun & Bradstreet			
			9	,	-N-S Number with I	Four Ch	aracter	
				Suffix				
Μ	N104	67	Identification (			Μ	AN 2/80	
				g a party or other code				_
				& Bradstreet Number	with or without the			
Μ	N106	<b>98</b>	<b>Entity Identifie</b>	er Code		Μ	ID 2/3	
			Code identifying individual 40	g an organizational enti Receiver	ity, a physical location	on, prop	perty or an	

	Segment: Position: Loop:		<b>upplier</b> Mandatory				270 Condi keters ion of ( ses to I per 23,	tions for and the Gas Cost Recovery Division's First Set o 2011	
	Level: Usage:	Heading Mandato	<b>rx</b> /						
	Max Use:	1	ı y						
	Purpose:	To identi	fy a party by type	e of organi	zation, name, and code				
	Syntax Notes:		east one of N102						
		2 If eit	ther N103 or N10	4 is preser	nt, then the other is requir	ed.			
	Semantic Notes: Comments:	1 This	comment used al		dog the most officient me	thad of mu			
	Notes:	orga prov 2 N10 N1*SJ*E	nizational identifi ide a key to the ta 5 and N106 furthe ESP COMPANY*	ication. To able mainta er define th \$9*007909	des the most efficient me o obtain this efficiency the ained by the transaction p he type of entity in N101. 4220001**41(as Sender) 422**41 (as Sender)	e "ID Code processing	e" (N	104) must	
			Data E	lement Su	mmarv				
	Ref.	Data			e e e e e e e e e e e e e e e e e e e				
	Des.	<u>Element</u>	<u>Name</u>	~ .				<u>ributes</u>	
Μ	N101	98	Entity Identifie				Μ	ID 2/3	
			individual SJ		izational entity, a physica	al location,	prop	berty or an	
				Supp	olier				
Μ	N102	93	Name	11			Μ	AN 1/60	
			Free-form name	e					
			This is the Supp	lier's name	е.				
М	N103	66	Identification (	Code Qual	lifier		Μ	ID 1/2	
			Code designatin Code (67)	ng the syste	em/method of code struct	ure used fo	or Ide	entification	
			1	D-U-	-N-S Number, Dun & Bra	adstreet			
			9	Suffi	-N-S+4, D-U-N-S Numbe x	er with Fou	ır Ch		
Μ	N104	67	Identification (				Μ	AN 2/80	
			Code identifying						_
					reet Number with or with	nout the +4	•		
Μ	N106	<b>98</b>	<b>Entity Identifie</b>	er Code			Μ	ID 2/3	
			Code identifying individual 41	g an organ Subn	izational entity, a physica	al location,	prop	perty or an	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 38 of 241

Segment:	IT1 Invoice Account Level	Gas Marketers and the Calculation of Gas Cost Recovery R
e		Responses to Division's First Set of September 23, 2011
Position:	010 IT1 Mandatory	Page 38 of 241
Loop: Level:	IT1 Mandatory Detail	
Usage:	Mandatory	
Max Use:	] To aposify the basic and most frequently used line item date f	on the invoice and veloted
Purpose:	To specify the basic and most frequently used line item data f	or the invoice and related
Conton Noton	transactions	
Syntax Notes:	<ol> <li>If any of IT102 IT103 or IT104 is present, then all are red</li> <li>If either IT106 or IT107 is present, then the other is requi</li> </ol>	1
	1 / 1	
	<ul> <li>4 If either IT110 or IT111 is present, then the other is requi</li> <li>5 If either IT112 or IT113 is present, then the other is requi</li> </ul>	
	6 If either IT114 or IT115 is present, then the other is requi	
	7 If either IT116 or IT117 is present, then the other is requi	
	8 If either IT118 or IT119 is present, then the other is requi	
	9 If either IT120 or IT121 is present, then the other is requi	
	<b>10</b> If either IT122 or IT123 is present, then the other is requi	
	<b>11</b> If either IT124 or IT125 is present, then the other is requi	red.
Semantic Notes:	<b>1</b> IT101 is the purchase order line item identification.	
<b>Comments:</b>	1 Element 235/234 combinations should be interpreted to in	
	services. See the Data Dictionary for a complete list of II	
	2 IT106 through IT125 provide for ten different product/set	
	example: Case, Color, Drawing No., U.P.C. No., ISBN N	
Notes:	This IT1 Loop is used to convey charges and taxes that apply	
	Loops may be sent in any order; however, there may be only	ONE IT1 Account Loop.
	Required if there are charges associated with the account.	
	IT1*001*****SV*GAS*C3*ACCOUNT	
	Data Element Summary	
Ref.	Data Data	
_		

	NCI.	Data			
	Des.	<u>Element</u>	Name	Atti	<u>ributes</u>
Μ	IT101	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assign	ned for differentiation within a tran	saction set
			Sequential line item counter.		
Μ	IT106	235	<b>Product/Service ID Qualifier</b>	Μ	ID 2/2
			Code identifying the type/source Product/Service ID (234)	e of the descriptive number used in	1
			SV Service Re	endered	
Μ	IT107	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a produc	et or service	
			GAS Gas Servio	e	
Μ	IT108	235	<b>Product/Service ID Qualifier</b>	Μ	ID 2/2
			Code identifying the type/source Product/Service ID (234) C3 Classificat	e of the descriptive number used in	1
Μ	IT109	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a produc	ct or service	
			ACCOUNT Indicates t	hat charges pertain to the account	level.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Helporses COMMUNE LANCE of Data Requests Sentember 23, 2011

Segment: Position: Loop: Level: Usage: Max Use: Purpose:	180 SAC Detail Mandato 1	Mandatory ry	otion, Allowance, or Charge Inform	September 23, 2011 Page 39 of 241
Syntax Notes: Semantic Notes:	or percent 1 At le 2 If eit 3 If eit 4 If eit 5 If SA 6 If SA 7 If SA 8 If SA 1 If SA 2 SAC If SA 3 SAC 4 SAC	tage for the service east one of SAC02 ther SAC03 or SA ther SAC06 or SA AC11 is present, the AC13 is present, the AC13 is present, the AC14 is present, the AC16 is present we construct the allowand and SAC11 is	ce, promotion, allowance, or charge 2 or SAC03 is required. CO4 is present, then the other is required. CO7 is present, then the other is required. CO7 is present, then the other is required. Then SAC10 is required. Then at least one of SAC02 or SAC04 then SAC13 is required. Then at least one of SAC05, SAC0 ount for the service, promotion, allow ith SAC07 or SAC08, then SAC05 the ce or charge rate per unit. The quantity basis when the allowan	uired. uired. uired. is required. 07, or SAC08 is required. wance, or charge. akes precedence.
Comments: Notes:	SAC amor 5 SAC num 6 SAC than 7 SAC 1 SAC char 2 In sc actua to re Amo Doll Only one	210 and SAC11 us unt, that is applica 213 is used in conj ber as identified b 214 is used in conj one option of the 216 is used to iden 204 may be used to ge. In addition, it ome business appl al dollar amount the duce ambiguity. To punt". It is represe ars in SAC09. 2 SAC is allowed to	unction with SAC13 to identify an oppromotion. titify the language being used in SAC o uniquely identify the service, prom- may be used in conjunction to further ications, it is necessary to advise the hat a particular allowance, charge, on Chis amount is commonly referred to nted in the SAC segment in SAC10 for adjustments	e, or charge. rovide a specific reference option when there is more 15. aotion, allowance, or er the code in SAC02. trading partner of the r promotion was based on as "Dollar Basis
			000 00.00 - there is an implied decimal. ement Summary	
Ref.	Data		-	
Des.	Element	<u>Name</u>		<u>Attributes</u>
SAC01	248		harge Indicator	M ID 1/1
			cates an allowance or charge for the	service specified
	_	С	Charge	
SAC03	559	Agency Qualifie		M ID 2/2
		GU	g the agency assigning the code value Natural Gas Utilities	
SAC04	1301		, Promotion, Allowance, or Charg	
		Agency maintain charge TPI002	ned code identifying the service, pro- Energy Services Supplier initia	
SAC05	610	Amount		M N2 1/15
		Monetary amou	nt	=, ==
		•	st be signed if negative. Whether an	amount is negative is

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Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 40 of 241

Segment:	TDS	Total Monetary Valu	e Summarv	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	010	,		September 23, 2011 Page 40 of 241
Loop:				
Level:	Summar	ý		
Usage:	Mandato	ry		
Max Use:	1			
Purpose:	To speci	fy the total invoice disco	ints and amounts	
Syntax Notes:				
Semantic Notes:		01 is the total amount of s discount (if discount is		ges, less allowances) before
	<b>2</b> TDS	02 indicates the amount	upon which the terms dis	scount amount is calculated.
	3 TDS	03 is the amount of invo	ice due if paid by terms o	discount due date (total invoice
	or in	stallment amount less ca	sh discount).	
	4 TDS	04 indicates the total am	ount of terms discount.	
Comments:		02 is required if the dollar of TDS01.	ar value subject to discou	int is not equal to the dollar
Notes:	TDS*98'	75		
Ref.	Data	Data Element	Summary	
Des.	Element	Name		Attributes
<u>Des.</u> TDS01	610	Amount		M N2 1/15
		Monetary amount		
		Note: 9875 represents \$	98.75 - there is an implie	ed decimal.

Segment:	<b>CTT</b> Transaction Totals	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	070	September 23, 2011 Page 41 of 241
Loop:		-
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the	transaction set
Syntax Notes:	<b>1</b> If either CTT03 or CTT04 is present, then the o	ther is required.
	2 If either CTT05 or CTT06 is present, then the o	ther is required.
Semantic Notes:		
Comments:	<b>1</b> This segment is intended to provide hash totals and correctness.	to validate transaction completeness
Notes:	CTT*5	

М	Ref. <u>Des.</u> CTT01	Data <u>Element</u> 354	<u>Name</u> Number of Line Items	<u>Attributes</u> M N0 1/6
111		554	Total number of line items in the transaction set	
			The number of IT1 segments.	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011

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Segment:	SE T	ransaction Set Trailer	Gas Marketers and the Calculation of Gas Cost Recov Responses to Division's First S
Position:	080		September 23, 2011 Page 42 of 241
Loop:			
Level:	Summary	7	
Usage:	Mandato	ry .	
Max Use:	1		
Purpose:		te the end of the transaction set and provide the (including the beginning (ST) and ending (SE) and	
Syntax Notes:	•		
Semantic Notes:			
<b>Comments:</b>	1 SE is	s the last segment of each transaction set.	
Notes:	SE*35*0	00000001	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transact	tion set including ST and SE

**Transaction Set Control Number** 

Identifying control number that must be unique within the transaction set

functional group assigned by the originator for a transaction set

segments

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**SE02** 

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# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET



MA810LDC (004010)

### **810 Invoice**

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 44 of 241

Functional Group ID=**IN** 

#### **Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u> ST	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	010	ST	Transaction Set Header	М	1		
М	020	BIG	Beginning Segment for Invoice	М	1		
М	050	REF	LDC Account Number for Customer	М	12		
М	050	REF	Supplier Account Number for Customer	Μ	12		
	050	REF	Old LDC Account Number for Customer	0	12		
Dep	050	REF	LDC Billing Cycle	0	12		
			LOOP ID - N1	• • •	•	200	
М	070	N1	LDC	М	1		
			LOOP ID - N1	· · ·		200	
М	070	N1	Supplier	М	1		
М	140	DTM	LDC Billing Date	М	10		

#### **Detail:**

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - IT1			200000	
010	IT1	Invoice Account Level	0	1		
040	TXI	Tax Information Account Level	0	10		
150	DTM	Service Period Start & End	0	10		
		LOOP ID - SAC	· · ·		25	
180	SAC	Service, Promotion, Allowance, or Charge Information Account Level	0	1		
		LOOP ID - IT1			200000	
010	IT1	Invoice Rate Level	0	1		
120	REF	LDC Rate Code	0	>1		
120	REF	Supplier Rate Code 1	0	>1		
120	REF	Supplier Rate Code 2	0	>1		
120	REF	Supplier Rate Amount	0	>1		
		LOOP ID - SAC			25	
180	SAC	Service, Promotion, Allowance, or Charge Information Rate Level	0	1		

#### **Summary:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name		Req. <u>Des.</u>	Max.Use	Loop Repeat	Notes and Comments
М	010	TDS	Total Monetary Value Summary		M	1	<u>Acpear</u>	comments
М	070	CTT	Transaction Totals		М	1		n1
MA810LDC (004010)				2				May 30, 2000

М	080	SE	Transaction Set Trailer	М	1	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Transa	action	Set No	otes			September 23, 2011 Page 45 of 241

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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	Segment:	ST т	ransaction Set Header	Responses to I	Gas Cost Recovery Rate Division's First Set of Da
	Position:	010		September 23, Page 46 of 241	
	Loop:				
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:	To indica	te the start of a transaction set and to assign a control n	umber	
	Syntax Notes:				
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translation change partners to select the appropriate transaction set ets the Invoice Transaction Set).		
	Comments: Notes:	ST*810*	0000001		
		_	Data Element Summary		
	Ref.	Data	N.	• • •	
3.6	Des.	Element	Name		<u>ributes</u>
Μ	ST01	143	Transaction Set Identifier Code	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			810 Invoice		
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within functional group assigned by the originator for a trans		ion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 47 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	020 Heading Mandato 1 To indica and dates 1 BIG 2 BIG 3 BIG	ate the beginning of s 01 is the invoice is 03 is the date assig 10 indicates the co	of an invoice transaction set and trans	Responses to September 23 Page 47 of 24 smit identifyi	Gas Cost Recovery Ra Division's First Set of D 2011 ng numbers
	<b>Comments:</b>		10 is not used. 07 is used only to	further define the type of invoice wh	nen needed.	
	Notes:			123500001***2048392934504**PR		
			Data El	ement Summary		
	Ref.	Data		v		
М	<u>Des.</u> BIG01	Element 373	<u>Name</u> Date		<u>Attı</u> M	<u>ributes</u> DT 8/8
			Date expressed a	as CCYYMMDD		
				creation date - the date that the data w	was processed	l by the
М	BIG02	76	sender's applicati Invoice Number	•	М	AN 1/22
171	D1002	70		ber assigned by issuer	141	11111/22
			A unique transac	tion identification number assigned	by the origina	ator of this
С	BIG05	328	transaction. This Release Number	s number must be unique over time.	С	AN 1/30
C	DIGUS	320		ing a release against a Purchase Orden	-	
			parties involved	in the transaction		
				nce number originally transmitted in he BIG05 of the 810. Required unle		
Μ	BIG07	640	Transaction Ty			ID 2/2
			Code specifying	the type of transaction		
			FB	Final Bill		
				This is to designate this is a fina	0	ent for this
			ME	customer from the non-billing p Memorandum	barty.	
				Used to signify that no usage m is forthcoming.	atching the B	IG05 value
			PR	Product (or Service)		
				This is to indicate this is a regul from the non-billing party.	ar service per	riod bill
Μ	BIG08	353	Transaction Set		Μ	ID 2/2
			Code identifying	purpose of transaction set		
			00	Original		
			01	Cancellation		
				Cancels an entire invoice/transa	ction	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 48 of 241

Segment:	${f REF}$ LDC Account Number for Customer	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	050	September 23, 2011 Page 48 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	3 If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF	F02.
<b>Comments:</b>	-	
Notes:	REF*12*39205810578	

			Data Ele	ement Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ident	ification Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
			Code qualifying	the Reference Identification		
			12	Billing Account		
				LDC assigned account number for er	nd use cu	istomer
Μ	REF02	127	<b>Reference Ident</b>	ification	Μ	AN 1/30
				nation as defined for a particular Transact Reference Identification Qualifier	ion Set o	or as
			Account Number	r		

Segment: Position:	<b>REF</b> Supplier Account Number for Customer	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
Loop:		Page 49 of 241
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is	required.
	3 If either C04005 or C04006 is present, then the other is	required.
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF0	02.
Notes:	REF*11*395871290	

Attachment DIV 1-19

			Data Elem	ent Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	cation Qualifier	<u>Attr</u> M	<u>ributes</u> ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Supplier assigned account number for e	nd us	e customer
Μ	REF02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	Set o	or as
			Account Number			

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	050 Heading Optional 12 To specif 1 At le 2 If eit 3 If eit 1 REF This segn if they ar	Y identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is her C04005 or C04006 is present, then the other is 04 contains data relating to the value cited in REF0 nent is used at the discretion of each LDC. Please e using this segment or not. 1105687500	required. 12.
	Ref.	Data	Data Element Summary	
	Des.	Element	Name	Attributes
Μ	REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
			45 Old Account Number	
			LDC's previous account num	ber for the customer.
Μ	REF02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular	
			specified by the Reference Identification Qualifie	
			LDC's previous account number for the customer	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Re Rates ta Requests

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Segment:	REF	LDC Billing C	Cycle	Responses to	Gas Cost Recovery Rates Division's First Set of Data
Position:	050			September 23 Page 51 of 24	
Loop:				Ū	
Level:	Heading				
Usage:	Optional	(Dependent)			
Max Use:	12				
Purpose:	To specif	fy identifying info	ormation		
Syntax Notes:	1 At le	east one of REF02	2 or REF03 is required.		
-	2 If eit	ther C04003 or C	04004 is present, then the other is r	equired.	
			04006 is present, then the other is r		
Semantic Notes:			relating to the value cited in REF02	-	
<b>Comments:</b>			0		
Notes:	Required	l unless showing	an adjustment that does not relate to	o a billing cycle	•
	REF*BF	•	5	0,	
		21			
		Data E	lement Summary		
Ref.	Data				
Des.	Element	Name		Att	ributes
REF01	128	Reference Iden	ntification Qualifier	Μ	ID 2/3
		Code qualifying	g the Reference Identification		
		BF	Billing Center Identification		
		DI	U		
			LDC's billing cycle		
REF02	127	Reference Iden	ntification	Μ	AN 1/30
		Reference infor	mation as defined for a particular T	ransaction Set	or as
		specified by the	Reference Identification Qualifier		
		LDC's Billing C	Cycle Number		

М

М

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10	Mandatory ry fy a party by type east one of N102 of ther N103 or N104 segment, used alo nizational identifi- ide a key to the ta 5 and N106 furthe	of organization, name, a or N103 is required. 4 is present, then the oth one, provides the most e cation. To obtain this ef ble maintained by the tr er define the type of enti *1*007909411**41 (as	Doc Terr Gas Cala Res Sep Pag and code her is required. efficient method of ficiency the "ID C cansaction processi ity in N101.	sponses to E stember 23, je 52 of 241 providin Code" (N	tions for and the Sas Cost Recovery   Division's First Set o 2011 2011	
			LDC COMPANY	*9*0079094110001**41	· · · · · · · · · · · · · · · · · · ·			
	D-f	D-4-	Data El	ement Summary				
	Ref.	Data Flomont	Nama			A ttm	ibutos	
М	<u>Des.</u> N101	Element 98	<u>Name</u> Entity Identifie	r Code			<u>ibutes</u> ID 2/3	
			•	g an organizational entity Consumer Service LDC		ion, prop	perty or an	
N /	N100	02	NT	LDC		м	AN 1/60	
Μ	N102	93	Name			Μ	AN 1/60	
			Free-form name					
			This is the LDC'					
Μ	N103	66	Identification C	-			ID 1/2	
			Code designating Code (67) 1 9	g the system/method of D-U-N-S Number, D-U-N-S+4, D-U-N Suffix	Dun & Bradstreet	Į		
Μ	N104	67	Identification C			М	AN 2/80	
IVI	11104	07		g a party or other code		111	1111 2/00	
				& Bradstreet Number v	with or without the	<b>→</b> _1		
М	N106	98	Entity Identifie		viul of without the		ID 2/3	
⊥¥∎	11100	20	•	g an organizational entity Submitter	y, a physical locati			

	Segment: Position: Loop:	<b>N1</b> s 070 N1 M	<b>upplier</b> ⁄Iandatory				ditions for rs and the f Gas Cost Recovery I o Division's First Set o 3, 2011	
	Level:	Heading	J.					
	Usage:	Mandato	ry					
	Max Use:	1 T. 1.1	C	C				
	Purpose: Syntax Notes:		ast one of N102		nization, name, and code			
	Syntax Notes.				sent, then the other is required.			
	Semantic Notes:			o i is pies	sont, mon me outer is required.			
	<b>Comments:</b>	1 This	segment, used al	lone, pro	vides the most efficient metho	d of provid	ling	
	Notes:	prov 2 N10 N1*SJ*E	ide a key to the t 5 and N106 furth SP COMPANY	table main ner define *9*00790	To obtain this efficiency the "I ntained by the transaction proce the type of entity in N101. 094220001**40 (as Receiver) 09422**40 (as Receiver)			
			Data E	Element S	Summary			
	Ref.	Data			U			
	Des.	<u>Element</u>	<u>Name</u>	~ -			tributes	
Μ	N101	98	Entity Identifie			M	12 10	
			individual		anizational entity, a physical lo	ocation, pro	operty or an	
			SJ		rvice Provider			
М	N102	93	Name	Suj	pplier	М	AN 1/60	
IVI	N102	95		_		IVI	AN 1/00	
			Free-form name					
Л	N102	((	This is the Supp	-		м	ID 1/2	
Μ	N103	66	Identification (	-		M	-	
			Code (67)		stem/method of code structure		lenumcation	
			1		U-N-S Number, Dun & Bradst		_	
			9	Sut	U-N-S+4, D-U-N-S Number w ffix			
Μ	N104	67	Identification			Μ	AN 2/80	
			Code identifyin					_
					Istreet Number with or without	t the $+4$ .		
Μ	N106	98	Entity Identifie			Μ		
			Code identifyin individual 40		anizational entity, a physical lo ceiver	ocation, pro	operty or an	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 54 of 241

Attributes

M ID 3/3

M DT 8/8

Segment:	DTM LDC Billing Date	Calculation of Gas Cost Recovery Responses to Division's First Set of
<b>Position:</b>	140	September 23, 2011 Page 54 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	<b>3</b> If either DTM05 or DTM06 is present, then the other is	required.
Semantic Notes:		
<b>Comments:</b>		
Notes:	DTM*434*20000115	

**Data Element Summary** 

Code specifying type of date or time, or both date and time

Date which the invoice was generated.

Statement

#### MA810LDC (004010)

Ref.

Des.

**DTM01** 

**DTM02** 

М

Μ

Data

Element

374

373

<u>Name</u>

434

Date

**Date/Time Qualifier** 

Date expressed as CCYYMMDD

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 55 of 241

Segment:	IT1 Invoice Account Level	Gas Marketers and the Calculation of Gas Cost Recovery R Responses to Division's First Set of September 23, 2011
Position:	010	Page 55 of 241
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data transactions	for the invoice and related
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are r	equired.
<b>.</b>	2 If either IT106 or IT107 is present, then the other is req	
	3 If either IT108 or IT109 is present, then the other is req	
	4 If either IT110 or IT111 is present, then the other is req	
	5 If either IT112 or IT113 is present, then the other is req	
	6 If either IT114 or IT115 is present, then the other is req	
	7 If either IT116 or IT117 is present, then the other is req	
	8 If either IT118 or IT119 is present, then the other is req	
	9 If either IT120 or IT121 is present, then the other is req	
	10 If either IT122 or IT123 is present, then the other is requ	
	11 If either IT124 or IT125 is present, then the other is requ	
Semantic Notes:	<b>1</b> IT101 is the purchase order line item identification.	
Comments:	1 Element 235/234 combinations should be interpreted to services. See the Data Dictionary for a complete list of	
	<ul> <li>IT106 through IT125 provide for ten different product/s example: Case, Color, Drawing No., U.P.C. No., ISBN</li> </ul>	ervice IDs for each item. For
Notes:	This IT1 Loop is used to convey charges and taxes that appl	
110005	Loops may be sent in any order; however, there may be onl Required if there are charges associated with the account.	
	IT1*001****SV*GAS*C3*ACCOUNT	
	Data Element Summary	
Ref.	Data Ekement Summary	
Des.	Element Name	Attributes
<u>DC3.</u> IT101	350 Assigned Identification	$\frac{M}{M} = \frac{1}{20}$

	Des.	<b>Element</b>	<u>Name</u>		Attı	<u>ibutes</u>
Μ	IT101	350	Assigned Identific	cation	Μ	AN 1/20
			Alphanumeric cha	racters assigned for differentiation within	a tran	saction set
			Sequential line iter	n counter.		
Μ	IT106	235	Product/Service I	D Qualifier	Μ	ID 2/2
			Code identifying the Product/Service ID SV	ne type/source of the descriptive number u (234) Service Rendered	ised ir	l
Μ	IT107	234	<b>Product/Service I</b>	D	Μ	AN 1/48
			Identifying number	r for a product or service		
			GAS	Gas Service		
Μ	IT108	235	<b>Product/Service I</b>	D Qualifier	Μ	ID 2/2
			Code identifying th Product/Service ID C3	ne type/source of the descriptive number u (234) Classification	ised ir	l
Μ	IT109	234	<b>Product/Service I</b>	D	Μ	AN 1/48
			Identifying number	r for a product or service		
			ACCOUNT	Indicates that charges pertain to the acc	ount l	evel.

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	Segment:		Tax Information -	- Account Level		Gas Cost Recovery Rate Division's First Set of Da
	Position:	040			Page 56 of 24	
	Loop:		Optional			
	Level:	Detail				
	Usage:	Optional				
	Max Use:	10 Ta ana ait				
	Purpose:	1	fy tax information	KI03 or TXI06 is required.		
	Syntax Notes:			is present, then the other is required.	ad	
			KI08 is present, then		eu.	
	Semantic Notes:		02 is the monetary a			
	Semantic Roles.			expressed as a decimal.		
			07 is a code indicatir	ng the relationship of the price or a	mount to the	associated
	<b>Comments:</b>	0				
	Notes:	Taxes that	at apply to the account	nt number appear in this IT1 loop.		
		Required	if there are tax char	ges associated with the account.		
		-	*3.55****A	6		
			Data Elem	ent Summary		
	Ref.	Data				
	Des.	<u>Element</u>				ributes
Μ	TXI01	963	Tax Type Code		M	ID 2/2
			Code specifying the	e type of tax		
			ST	State Sales Tax		
Μ	<b>TXI02</b>	782	Monetary Amoun	t	Μ	R 1/18
			Monetary amount			
				ount. This amount must be signed	l if negative.	
Μ	<b>TXI07</b>	662	<b>Relationship Code</b>	9	Μ	ID 1/1
			Code indicating the	e relationship between entities		
			Α	Add		
				The amount in the TXI02 is incl	uded when s	umming the
				invoice total.		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	<ul> <li>150</li> <li>IT1</li> <li>Detail</li> <li>Optional</li> <li>10</li> <li>To specified</li> <li>1 At let</li> <li>2 If D'</li> </ul>	Optional fy pertinent date east one of DTM TM04 is presen	D Tr G C riod Start & End R S P	esponses to eptember 23 age 57 of 24	ditions for s and the Gas Cost Recovery R Division's First Set of 3, 2011	
<b>Comments:</b>						
Notes:	Do not u 867 BPT will be th DTM*15	se these dates to 02 segment to 1 ne earliest start 50*19991224 51*20000124	d if charges are based on current usage. o match the 867. Use the cross reference m match the 810 BIG05 segment. The dates i date and the latest end date from the PTD le	n this DT	TM segment	
Ref.	Data	Data	Element Summary			
Kei. Des.	Data Element	Name		Att	ributes	
DTM01	374	Date/Time Q	ualifier	M		
		Code specifyi	ng type of date or time, or both date and tim	ne		
		150	Service Period Start			
		151	Service Period End			
<b>DTM02</b>	373	Date		Μ	DT 8/8	
		Date expresse	ed as CCYYMMDD			

М

М

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates **a tepponses (consult Levess** et of Data Requests September 23, 2011

	Gas Marketers and the Calculation of Gas Cost Recovery Ra SAC Service, Promotion, Allowance, or Charge Informations & county Levelset of D
Segment:	September 23, 2011
Position:	180 Page 58 of 241
Loop:	SAC Optional
Level:	Detail
Usage:	Optional
Max Use:	1 To move a identify a comical anomation allowers of a change to an eiferthe anomation
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount
Contor Notors	or percentage for the service, promotion, allowance, or charge
Syntax Notes:	<ol> <li>At least one of SAC02 or SAC03 is required.</li> <li>If either SAC03 or SAC04 is present, then the other is required.</li> </ol>
	1 / 1
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	<ul> <li>5 If SAC11 is present, then SAC10 is required.</li> <li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> </ul>
	1 /
	<ul><li>7 If SAC14 is present, then SAC13 is required.</li><li>8 If SAC16 is present, then SAC15 is required.</li></ul>
Semantic Notes:	1 / 1
Semantic Notes:	
	2 SAC05 is the total amount for the service, promotion, allowance, or charge. If $S A C05$ is present with $S A C07$ or $S A C08$ then $S A C05$ takes precedence.
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	<ul> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is</li> </ul>
	different from the purchase order or invoice quantity.
	SAC10 and SAC11 used together indicate a quantity range, which could be a dollar
	amount, that is applicable to service, promotion, allowance, or charge. <b>5</b> SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference
	J I I I I I I I I I I I I I I I I I I I
	number as identified by the code used. $5 \times C12$ to identify an antion when there is more
	6 SAC14 is used in conjunction with SAC13 to identify an option when there is more
	<ul><li>than one option of the promotion.</li><li>SAC16 is used to identify the language being used in SAC15.</li></ul>
<b>Comments:</b>	
Comments:	1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
	<ul> <li>In some business applications, it is necessary to advise the trading partner of the</li> </ul>
	actual dollar amount that a particular allowance, charge, or promotion was based on
	to reduce ambiguity. This amount is commonly referred to as "Dollar Basis
	Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	SAC*C**GU*PRB001*10000
INOLES:	
Def	Data Element Summary

	Ref.	Data				
	Des.	<b>Element</b>	Name		Attr	<u>ibutes</u>
Μ	SAC01	248	Allowance or Char	ge Indicator	Μ	ID 1/1
			Code which indicate	es an allowance or charge for the service	specif	fied
			С	Charge		
Μ	SAC03	559	Agency Qualifier O	Code	Μ	ID 2/2
			Code identifying the	e agency assigning the code values		
			GU	Natural Gas Utilities		
Μ	SAC04	1301	Agency Service, Pr	romotion, Allowance, or Charge Code	Μ	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or		ance, or	
			charge			
			ADJ002	Corrections made to rate or consumption	n	
			ADJ008	Complete or partial dollar adjustment or statement	1 cust	omer
				Used to report adjustments on Sales Tax	κ.	
			BUD001 Monthly budget bill amount due			
				Only valid for Bay State.		
			LPC001	Late Payment Charge		

			PRB0001 TPI002	Past Due Balance - Supplier Arr Used for prior billed amount. Energy Services Supplier initiat	Responses to September 23,	itions for and the Gas Cost Recovery Rates Division's First Set of Data Requests 2011
Μ	SAC05	610	Amount		Μ	N2 1/15
			Monetary amount			
			This amount must l NOT determined by	be signed if negative. Whether an y SAC01.	amount is ne	gative is

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 60 of 241

Segment:	IT1 Invoice Rate Level	Gas Marketers and the Calculation of Gas Cost Recovery Ra Responses to Division's First Set of I
Position:	010	September 23, 2011 Page 60 of 241
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data for transactions	or the invoice and related
Syntax Notes:	<ol> <li>If any of IT102 IT103 or IT104 is present, then all are req</li> <li>If either IT106 or IT107 is present, then the other is requir</li> </ol>	
	3 If either IT108 or IT109 is present, then the other is requir	
	4 If either IT110 or IT111 is present, then the other is requir	
	5 If either IT112 or IT113 is present, then the other is requir	
	6 If either IT114 or IT115 is present, then the other is requir	
	7 If either IT116 or IT117 is present, then the other is requir	
	8 If either IT118 or IT119 is present, then the other is requir	
	9 If either IT120 or IT121 is present, then the other is requir	
	10 If either IT122 or IT123 is present, then the other is requir	
	11 If either IT124 or IT125 is present, then the other is requir	
Semantic Notes:	<b>1</b> IT101 is the purchase order line item identification.	
Comments:	1 Element 235/234 combinations should be interpreted to in services. See the Data Dictionary for a complete list of ID	
	2 IT106 through IT125 provide for ten different product/ser example: Case, Color, Drawing No., U.P.C. No., ISBN No.	vice IDs for each item. For
Notes:	This IT1 Loop is used to convey charges and taxes that apply a	
	may be sent in any order. IT1*002*****SV*GAS*C3*RATE	

	Ref. <u>Des.</u>	Data Element	Name	•	Attı	ributes
М	IT101	350	Assigned Identifi	cation	Μ	AN 1/20
			Alphanumeric cha	racters assigned for differentiation within	a tran	saction set
			Sequential line iter	m counter.		
Μ	IT106	235	Product/Service I	D Qualifier	Μ	ID 2/2
			Code identifying t Product/Service II SV	he type/source of the descriptive number u D (234) Service Rendered	ised ir	1
Μ	IT107	234	Product/Service I	D	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			GAS	Gas Service		
Μ	IT108	235	Product/Service I	D Qualifier	Μ	ID 2/2
			Code identifying t Product/Service II C3	he type/source of the descriptive number u D (234) Classification	ised ir	1
Μ	IT109	234	Product/Service 1	D	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			RATE	Indicates that charges are summarized a	at a ra	te level.

Segment:	<b>REF</b> LDC Rate Code	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	120	September 23, 2011 Page 61 of 241
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
-	2 If either C04003 or C04004 is present, then the other	is required.
	3 If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in RE	F02.
<b>Comments:</b>	C C	
Notes:	REF*NH*B01	

#### REF\*NH\*B01

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	ication Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
				e Reference Identification		12 10
			NH	Rate Card Number		
				Identifies a LDC rate class or tariff		
Μ	REF02	127	<b>Reference Identif</b>	ication	Μ	AN 1/30
				tion as defined for a particular Transaction eference Identification Qualifier	n Set o	or as
			LDC Rate Code			

	Segment:	REF	Supplier Rate (	Code 1		litions for	
	Position:	120			September 23 Page 62 of 24		
	Loop:	IT1	Optional		1 age 02 01 24	1	
	Level:	Detail	-				
	Usage:	Optional					
	Max Use:	>1					
	Purpose:	-	fy identifying infor				
	Syntax Notes:			or REF03 is required.			
				4004 is present, then the other is requ			
				4006 is present, then the other is requ	uired.		
	Semantic Notes:	1 REF	04 contains data re	elating to the value cited in REF02.			
	Comments: Notes:	Dequires	use of Sumplion De	to Code 2 OB Supplier Date Amoun	4		
	notes:	•		ate Code 2 OR Supplier Rate Amoun	it		
		REF*RB	*A29				
	D. 6		Data Ele	ement Summary			
	Ref.	Data	NT			•1	
М	Des.	Element	<u>Name</u>	**************************************		ributes	
Μ	REF01	128		ification Qualifier	IVI	ID 2/3	
				he Reference Identification			
			RB	Rate code number			
				Supplier Rate Code for the custo	omer		
Μ	REF02	127	<b>Reference Identi</b>	ification	Μ	AN 1/30	
			Reference inform	ation as defined for a particular Tran	saction Set	or as	
				Reference Identification Qualifier			
			Supplier Rate Co				

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	Segment:	REF	Suppli	er Rate Code 2		Responses to I	Gas Cost Recovery Rat Division's First Set of D
	Position:	120				September 23, Page 63 of 241	
	Loop:	IT1	Optional			. ugo oo o. 2 .	•
	Level:	Detail					
	Usage:	Optional					
	Max Use:	>1					
	Purpose:	To specif	fy identif	ing information			
	Syntax Notes:	1 At le	east one c	f REF02 or REF03 is requ	ired.		
				03 or C04004 is present, t			
				05 or C04006 is present, t	-	red.	
	Semantic Notes:	1 REF	04 contai	ns data relating to the valu	e cited in REF02.		
	Comments: Notes:			sed, Supplier Rate Code			
		Supplier REF*PL		ount. Data Element Summary			
	Ref.	Data					
	Des.	<b>Element</b>	<u>Name</u>			<u>Attı</u>	<u>ributes</u>
Μ	REF01	128	Referei	ce Identification Qualifie	er	Μ	ID 2/3
			Code qu	alifying the Reference Ide	entification		
			PL	Price List Nu	ımber		
				Used to indic	cate a second price co	de for a Su	pplier
				account.	···· · · · · · · · · · · · · · · · · ·		rr ·
Μ	REF02	127	Referei	ce Identification		М	AN 1/30
			specifie	te information as defined l by the Reference Identifi Rate Code 2		action Set o	or as
			11				

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Responses to Division's First Set of Data Requests
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	Segment:	REF	Supplier Rate Am	nount		Gas Cost Recovery Rate Division's First Set of Da
	Position:	120			September 23, Page 64 of 24	
	Loop:	IT1	Optional		1 age 04 01 24	1
	Level:	Detail	1			
	Usage:	Optional				
	Max Use:	>1				
	Purpose:	To speci	fy identifying information	ation		
	Syntax Notes:	<b>1</b> At le	east one of REF02 or	REF03 is required.		
	Semantic Notes: Comments:	3 If ei	ther C04005 or C040	04 is present, then the other is requ 06 is present, then the other is requ ting to the value cited in REF02.		
	Notes:		nnot be used with Suj *.0350	f this segment is used, Supplier Rapplier Rate Code 2.	te Code 1 m	ust also be
	Ref.	Data	Data Elelli	ent Summary		
	Des.	Element	Name		Δtt	ributes
М	REF01	128	Reference Identifie	cation Qualifier		ID 2/3
				Reference Identification		
			PR	Price Quote Number		
			ΓK	•		
				Identifies a unit pricing category		
Μ	REF02	127	Reference Identifie		Μ	AN 1/30
			specified by the Ref	ion as defined for a particular Tran ference Identification Qualifier	saction Set of	or as
			Supplier Rate Amore Example: .0350 for			

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Segment:	${f SAC}$ Service, Promotion, Allowance, or Charge Info	Gas Marketers and the Calculation of Gas Cost Recovery Ra rmationors Rate Visiove First Set of D
Position:	180	September 23, 2011 Page 65 of 241
Loop:	SAC Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To request or identify a service, promotion, allowance, or cha	arge: to specify the amount
	or percentage for the service, promotion, allowance, or charge	
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.	-
Syntan 1 (otost	2 If either SAC03 or SAC04 is present, then the other is re	auired
	3 If either SAC06 or SAC07 is present, then the other is re	
	4 If either SAC09 or SAC10 is present, then the other is re	
	5 If SAC11 is present, then SAC10 is required.	quirea.
	<ul><li>6 If SAC13 is present, then at least one of SAC02 or SAC0</li></ul>	)4 is required
	<ul><li>7 If SAC14 is present, then SAC13 is required.</li></ul>	, is required.
	8 If SAC16 is present, then SAC15 is required.	
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC	C07 or SAC08 is required
Semantic 1 (Stest	<ul><li>2 SAC05 is the total amount for the service, promotion, all</li></ul>	
	If SAC05 is present with SAC07 or SAC08, then SAC05	
	3 SAC08 is the allowance or charge rate per unit.	tukes precedence.
	4 SAC10 and SAC11 is the quantity basis when the allowa	nce or charge quantity is
	different from the purchase order or invoice quantity.	lifee of charge quantity is
	SAC10 and SAC11 used together indicate a quantity ran	ge which could be a dollar
	amount, that is applicable to service, promotion, allowan	
	5 SAC13 is used in conjunction with SAC02 or SAC04 to	
	number as identified by the code used.	provide a specific reference
	<ul><li>6 SAC14 is used in conjunction with SAC13 to identify an</li></ul>	option when there is more
	than one option of the promotion.	option when there is more
	<ul><li>7 SAC16 is used to identify the language being used in SA</li></ul>	C15
<b>Comments:</b>	<ol> <li>SAC10 is used to identify the language being used in SA</li> <li>SAC04 may be used to uniquely identify the service, pro</li> </ol>	
Comments:	charge. In addition, it may be used in conjunction to furth	
	2 In some business applications, it is necessary to advise th	
	actual dollar amount that a particular allowance, charge,	
	to reduce ambiguity. This amount is commonly referred	
	Amount". It is represented in the SAC segment in SAC10	using the qualitier DO -
Noter	Dollars in SAC09. SAC*C**GU*BAS001*1680	
Notes:	SAC	

Data Element Summary								
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>		Attı	<u>ributes</u>		
Μ	SAC01	248	Allowance or Charge Indicator		Μ	ID 1/1		
			Code which indicates an allowance or charge for the service specified					
			С	Charge				
Μ	SAC03	559	Agency Qualifier Code		Μ	ID 2/2		
			Code identifying the agency assigning the code values					
			GU	Natural Gas Utilities				
Μ	SAC04	1301	Agency Service, P	romotion, Allowance, or Charge Code	Μ	AN 1/10		
			Agency maintained code identifying the service, promotion, allowance, or					
			charge					
			BAS001	Customer Charge				
			DMD001	D001 Demand billing charge taken each month				
			ENC001	Charge for usage used				
Μ	SAC05	610	Amount		Μ	N2 1/15		
			Monetary amount					
			This amount must be signed if negative. Whether an amount is negative is					
			NOT determined by SAC01.					

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Segment:	TDS	<b>Total Monetary Val</b>	ue Summarv	Gas Marketers and the Calculation of Gas Cost Recovery Rat Responses to Division's First Set of Da					
Position:	010	,		September 23, 2011 Page 66 of 241					
Loop:									
Level:	Summary								
Usage:	Mandatory								
Max Use:	1								
Purpose:	To specify the total invoice discounts and amounts								
Syntax Notes:									
Semantic Notes:	1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).								
	2 TDS02 indicates the amount upon which the terms discount amount is calculated.								
	3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice								
	or installment amount less cash discount).								
	4 TDS04 indicates the total amount of terms discount.								
Comments:	<b>1</b> TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.								
Notes:	TDS*9875								
Data Element Summary Ref. Data									
Des.	Element	Name		Attributes					
<u>Des.</u> TDS01	610	Amount		M N2 1/15					
		Monetary amount							
	Note: 9875 represents \$98.75 - there is an implied decimal.								

Segment:	<b>CTT</b> Transaction Totals	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	070	September 23, 2011 Page 67 of 241
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the	transaction set
Syntax Notes:	<b>1</b> If either CTT03 or CTT04 is present, then the ot	ther is required.
	2 If either CTT05 or CTT06 is present, then the ot	ther is required.
Semantic Notes:		
Comments:	1 This segment is intended to provide hash totals t and correctness.	to validate transaction completeness
Notes:	CTT*5	

### Data Element Summary

	Ref. <u>Des.</u>	Data Element	Name	Attributes
М	<u>Des.</u> CTT01	<u>354</u>	Number of Line Items	M N0 1/6
IVI	CITOI	554	Number of Line Items	
			Total number of line items in the transaction set	
			The number of IT1 segments.	

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### SE Transaction Set Traile

Segment:	SE T	ransaction Set Trailer	Responses to Division's First Set of D
Position:	080		September 23, 2011 Page 68 of 241
Loop:			
Level:	Summary	/	
Usage:	Mandato	ry	
Max Use:	1		
Purpose:		te the end of the transaction set and provide the (including the beginning (ST) and ending (SE)	
Syntax Notes: Semantic Notes: Comments:	-	s the last segment of each transaction set.	
Notes:		00000001	
		Data Element Summary	
Ref.	Data		
Des.	<b>Element</b>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transac segments	ction set including ST and SE
SE02	329	Transaction Set Control Number	M AN 4/9

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

М

Μ

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# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

814 Change Request and Response Ver/Rel 004010

### 814 General Request, Response or Confirmation Division's First Set of Data Requests

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### **Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BGN	Beginning Segment	М	1		
			LOOP ID - N1	• • •		1	
М	040	N1	LDC	М	1		n1
			LOOP ID - N1			1	
Μ	040	N1	Supplier	М	1		n2

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
	010		LOOP ID - LIN		1	>1	
М	010	LIN	Item Identification	М	1		
М	020	ASI	Action or Status Indicator	М	1		
	030	REF	Reject Reasons	0	>1		
	030	REF	LDC Company - Reason for Change	0	>1		
	030	REF	Supplier - Reason for Change	0	>1		
М	030	REF	Supplier Account Number for Customer	М	1		
М	030	REF	LDC Account Number for Customer	М	1		
	030	REF	Old LDC Account Number for Customer	0	1		
	030	REF	LDC Billing Cycle	0	1		
	030	REF	Billing Option	0	1		
			LOOP ID - NM1			>1	
М	080	NM1	Meter/Unmetered Information	М	1		n3
	130	REF	Old Meter Number	0	1		
	130	REF	LDC Rate Code	0	1		
	130	REF	Supplier Rate Code 1	0	1		
	130	REF	Supplier Rate Code 2	0	1		
Dep	130	REF	Supplier Rate Amount	0	1		
	130	REF	Designated Receipt Point	0	1		
	130	REF	Service Indicator	0	1		
	130	REF	Sales Tax Indicator	0	1		
	130	REF	Total Capacity Quantity (in therms)	0	1		
	140	DTM	Meter Status Date	0	>1		
М	150	SE	Transaction Set Trailer	М	1		

### **Transaction Set Notes**

MA814C (004010GAS)

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- 1. The N1 loop is used to identify the transaction sender and receiver.
- 2. The N1 loop is used to identify the transaction sender and receiver.
- **3.** The NM1 loop is used to identify the parties associated with the individual line item (LIŇ), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

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	Segment:		ransaction Set Header		Gas Cost Recovery Rate Division's First Set of Da
	Position:	010		Page 72 of 24	
	Loop: Level:	Heading			
	Usage:	Mandato	457		
	Max Use:	1	ı y		
	Purpose:	To indice	te the start of a transaction set and to assign a control r	umber	
	Syntax Notes:	10 maie	the the start of a transaction set and to assign a control r	lumber	
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translati change partners to select the appropriate transaction se ets the Invoice Transaction Set).		
	<b>Comments:</b>	~			
	Notes:	Response	Required e: Required 000000001		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		<u>ributes</u>
Μ	ST01	143	Transaction Set Identifier Code	$\mathbf{M}$	ID 3/3
			Code uniquely identifying a Transaction Set		
			814 General Request, Response or C	onfirmation	
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within functional group assigned by the originator for a trans		tion set

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## Segment: N Synta Semanti

## **BGN** Beginning Segment

Segment:	<b>DUI</b> Beginning Segment	Responses to Division's First Set of					
<b>Position:</b>	020	September 23, 2011 Page 73 of 241					
Loop:							
Level:	Heading						
Usage:	Mandatory						
Max Use:	1						
<b>Purpose:</b>	To indicate the beginning of a transaction set						
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.						
nantic Notes:	<b>1</b> BGN02 is the transaction set reference number.						
	<b>2</b> BGN03 is the transaction set date.						
	<b>3</b> BGN04 is the transaction set time.						
	<b>4</b> BGN05 is the transaction set time qualifier.						
	<b>5</b> BGN06 is the transaction set reference number of a affected by the current transaction.	previously sent transaction					
<b>Comments:</b>							
Notes:	Request: Required						
	Response: Required						
	For BGN 01 use the following:						
	814E - 814CS - 814CL - 814DC - 814DS - 814H use 13	3 request					
	814SE - 814ER - 814CC - 814DR use 11 response						
	BGN*13*199904011956531*19990401						
	BGN*11*199904011956531*19990402						

### **Data Element Summary**

			Data Elen	ient Summary		
М	Ref. <u>Des.</u> BGN01	Data <u>Element</u> 353	<u>Name</u> Transaction Set P	urpose Code	<u>Attr</u> M	<u>ibutes</u> ID 2/2
			Code identifying p	urpose of transaction set		
			11	Response		
				Signifies that the requested service wil described in this transaction.	be ad	dressed as
			13	Request		
Μ	BGN02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30
				tion as defined for a particular Transactio ference Identification Qualifier	n Set o	or as
			On the request, this the originator of th	s is a unique transaction identification nui is transaction.	nber a	ssigned by
			On the response, th BGN02.	e tracking number from the request is ecl	noed b	ack in this
Μ	BGN03	373	Date		Μ	DT 8/8
			Date expressed as	CCYYMMDD		
			The transaction creation date - the date that the data was processed by the sender's application system.			

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 Request: Response N1*8S*I N1*8S*I N1*8S*I	Mandatory ry fy a party by type of east one of N102 or ther N103 or N104 segment, used alor nizational identific ide a key to the tab 5 and N106 further Required e: Required LDC COMPANY* LDC COMPANY*	of organization, name, and code N103 is required. is present, then the other is required. ne, provides the most efficient metho ation. To obtain this efficiency the "I de maintained by the transaction prod define the type of entity in N101. 1*007909411**40 (as Receiver) 9*0079094110001**40 (as Receiver) 9*007909411**41 (as Sender)	Responses to September 23, Page 74 of 24 d of providi D Code" (N cessing party	Gas Cost Recovery Rat Division's First Set of D 2011 1 ng 1104) must
			Data Ele	ment Summary		
М	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identifier			<u>ributes</u> ID 2/3
			-	an organizational entity, a physical le Consumer Service Provider (CSI LDC	ocation, proj	
М	N102	93	Name		Μ	AN 1/60
			Free-form name LDC Company N	ame		
Μ	N103	66	Identification Co	ode Qualifier	Μ	ID 1/2
			Code designating Code (67) 1 9	the system/method of code structure D-U-N-S Number, Dun & Brads D-U-N-S+4, D-U-N-S Number v Suffix	treet	
Μ	N104	67	Identification Co		Μ	AN 9/13
			Code identifying	a party or other code		
			This is the LDC's	DUN & Bradstreet Number with or	without the	+4.
Μ	N106	<b>98</b>	<b>Entity Identifier</b>	Code	Μ	ID 2/3
			Code identifying individual 40	an organizational entity, a physical le Receiver	ocation, proj	perty or an
			40	Submitter		
			71	Sublinuer		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 75 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If ei 1 This orga prov 2 N10 Request: Response N1*SJ*H N1*SJ*H	Mandatory ry ify a party by type east one of N102 ther N103 or N10 segment, used al nizational identificide a key to the t 5 and N106 furth Required e: Required ESP COMPANY ESP COMPANY	e of organization, name, and code or N103 is required. 04 is present, then the other is required one, provides the most efficient m fication. To obtain this efficiency the able maintained by the transaction er define the type of entity in N10 *9*0079094220001**41 (as Sender *1*0079094220001**40 (as Recei *1*007909422**40 (as Receiver)	Responses to September 23 Page 75 of 24 ired. ethod of providi he "ID Code" (N processing part 1. er)	and the Gas Cost Recovery Rat Division's First Set of Di 2011 1 1 1 1 1 1 1 1 1 1 1 1 1
				lement Summary		
	Ref.	Data		lentent Summury		
М	<u>Des.</u> N101	<u>Element</u> 98	<u>Name</u> Entity Identifi	er Code		<u>ributes</u> ID 2/3
IVI	11101	70	•	g an organizational entity, a physic		
			individual	g an organizational entity, a physic	car location, pro	perty of an
			SJ	Service Provider		
				Supplier		
Μ	N102	93	Name		Μ	AN 1/60
			Free-form name			
			This is the Supp	olier's name.		
Μ	N103	66	Identification	Code Qualifier	Μ	ID 1/2
			Code designatin Code (67)	ng the system/method of code struc D-U-N-S Number, Dun & B		entification
			9	D-U-N-S+4, D-U-N-S Number		araatar
			7	Suffix		laracter
Μ	N104	67	Identification		Μ	AN 9/13
			Code identifyin	g a party or other code		
			This is the DUN	& Bradstreet Number with or with	thout the +4.	
Μ	N106	<b>98</b>	Entity Identifi		Μ	ID 2/3
			Code identifyin individual	g an organizational entity, a physic	cal location, pro	
			40	Receiver		
			41	Submitter		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the LIN Item Identification Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 010 Page 76 of 241 LIN Loop: Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To specify basic item identification data Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required. Semantic Notes: 1 LIN01 is the line item identification **Comments:** 1 See the Data Dictionary for a complete list of IDs. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. 2 For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. Notes: Request: Required Response: Required LIN\*CE19991231080000001\*SH\*GAS\*SH\*CE (Supplier Services) **Data Element Summary** Ref. Data Des. Element Name **Attributes** LIN01 350 **Assigned Identification** AN 1/20 Μ Alphanumeric characters assigned for differentiation within a transaction set On the request, this is a unique tracking number. Only one LIN loop per transaction. 235 LIN02 **Product/Service ID Qualifier** M ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested 234 LIN03 **Product/Service ID** M AN 1/48 Identifying number for a product or service GAS Gas Service Indicates a customer request to obtain gas service. LIN04 235 **Product/Service ID Qualifier** Μ ID 2/2

 M
 LIN04
 235
 Product/Service ID Qualifier
 M
 ID 2/2

 Code identifying the type/source of the descriptive number used in Product/Service ID (234)
 SH
 Service Requested

 M
 LIN05
 234
 Product/Service ID
 M
 AN 2/2

 Identifying number for a product or service
 CE
 Supplier Services

Indicates a customer request to enroll in the service defined in LIN03 (Gas Delivery)

М

Μ

Μ

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	020 LIN Detail Mandator 1	ate the action to be	<b>Indicator</b> taken with the information provided	Responses to September 23, Page 77 of 24	itions for and the Gas Cost Recovery R Division's First Set of 2011	
	Semantic Notes:						
	Comments: Notes:	D (	Required				
	notesi	Response ASI*WQ ASI*U*(	e: Required 2*001 - (814CC - S 201 - (814ER - Rej 201 - (814CS & 814	ect)			
			Data Ele	ement Summary			
	Ref.	Data					
М	<u>Des.</u> ASI01	<u>Element</u> 306	<u>Name</u> Action Code			r <u>ibutes</u> ID 1/2	
141	ASIVI	500	Code indicating t	vpe of action	141	10 1/2	
			7	Request			
			U	Reject			
			WQ	Accept			
Μ	ASI02	875	Maintenance Ty	pe Code	Μ	ID 3/3	
			Code identifying	the specific type of item maintenance	e		
			001	Change			

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	ther C04003 or Co ther C04005 or Co	ormation 2 or REF03 is required. 04004 is present, then the other is req 04006 is present, then the other is req relating to the value cited in REF02. rror Response	
			Data E	lement Summary	
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Iden	tification Qualifier	Attributes M ID 2/3
				the Reference Identification	
			7G	Data Quality Reject Reason	
Μ	REF02	127		mation as defined for a particular Tran Reference Identification Qualifier Account exists but is not active Other - see REF03 Account not found Duplicate request received Action Code (ASI01) Invalid Service provider not licensed to Change Reason (REF*TD) Miss Incorrect Billing Option (REF*I The meter number does not mate with the account Cannot identify ESP Cannot identify LDC Requested Rate not found (Com	provide requested service sing or Invalid BLT) Requested ch any meter associated
	REF03	352	Description		O AN 1/80
	-		-	cription to clarify the related data eler	
			Used to further	describe the status reason code sent ir	n REF02.
			DRP	Invalid Designated Receipt Poin	it

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specif 1 At le 2 If eit 3 If eit 1 REF Request:	Mandatory by identifying i east one of REI her C04003 or her C04005 or 04 contains da Required on R e: Not Used	nformation F02 or REF03 is required. C04004 is present, then the other is rec C04006 is present, then the other is rec ta relating to the value cited in REF02. Request from LDC if Change is at an Ac	Responses to September 23 Page 79 of 24 quired.	Gas Cost Recovery Ra Division's First Set of I , 2011
			Data	Element Summary		
	Ref.	Data				-
	Des.	Element	Name D C			ributes
Μ	REF01	128		lentification Qualifier	NI	ID 2/3
			1 1	ing the Reference Identification		
			TD	Reason for Change		
Μ	REF02	127	Reference Id			AN 1/30
			specified by t	formation as defined for a particular Tra the Reference Identification Qualifier Meter Addition	ansaction Set	or as
			NM1MA			
			NM1MR	Meter Removal		
			NM1MX	Meter Exchange		
			REF12	Change LDC Account Number	for Customer	r
			REFBF	Change LDC Billing Cycle		
			REFMT	Change Total Capacity Quantit	•	
			REFNH	Change Utility Rate Class or Ta	aritt	

REFSPL Change Designated Receipt Point

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specif 1 At le 2 If eit 3 If eit 1 REF	Mandatory fy identifying info east one of REF0 ther C04003 or C ther C04005 or C 04 contains data	ason for Change ormation 2 or REF03 is required. 204004 is present, then the other is required 204006 is present, then the other is requirelating to the value cited in REF02.	ired.
	Response	e: Not Used *REFBLT		
Ref.	Data	Data E	lement Summary	
<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Ider	ntification Qualifier	<u>Attributes</u> M ID 2/3
		Code qualifying	g the Reference Identification	
		TD	Reason for Change	
REF02	127	Reference Iden		M AN 1/30
			mation as defined for a particular Trans Reference Identification Qualifier Change Sales Tax Indicator Change Supplier Account Number Change Service Indicator Change Billing Type (Billing Op Change Public Aggregator Change Supplier Rate Code 2	er
			0 11	

REFPR

REFRB

Change Supplier Rate Amount

Change Supplier Rate Code 1

М

М

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandator 1 To specif 1 At le 2 If eit 3 If eit 1 REF	y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other her C04005 or C04006 is present, then the other 04 contains data relating to the value cited in RE	Docket Terms Gas M Calcula Respo Septer Page 8 is required. is required.	& Condi arketers ation of (	itions for s and the Gas Cost Recovery F Division's First Set of , 2011	
	Notes:	Response REF*11*	Required if previously sent by supplier : Required if previously sent by supplier 2348400586 Data Element Summary				
	Ref.	Data					
М	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identification Qualifier			<u>ributes</u> ID 2/3	
IVI	KEFUI	120	-		IVI	ID 2/3	
			Code qualifying the Reference Identification				
			Supplier assigned account	number for e			
Μ	REF02	127	Reference Identification	- ·		AN 1/30	
			Reference information as defined for a particula		1 Set o	or as	
			specified by the Reference Identification Qualif Account Number	ier			

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandator 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	y identifying informations one of REF02 or 1 her C04003 or C0400 her C04005 or C0400 04 contains data relation	ıtion	Responses to I September 23, Page 82 of 241 uired.	tions for and the Gas Cost Recovery R Division's First Set of 2011	
	Ref.	Data	Data Eleme	ent Summary			
М	Des. REF01	Element 128	<u>Name</u> Reference Identific	ation Oualifier		<u>ributes</u> ID 2/3	
		-		Reference Identification Billing Account			
			12	LDC Company assigned account customer	t number for	end use	
Μ	REF02	127	<b>Reference Identific</b>	ation	Μ	AN 1/30	
				on as defined for a particular Trar erence Identification Qualifier	isaction Set of	or as	

	Segment: Position:	<b>REF</b> 030	Old LDC Accoun	t Number for Customer	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery F Responses to Division's First Set of September 23, 2011	
	Loop:		Mandatory		Page 83 of 241	
	Level:	Detail	mandatory			
	Usage:	Optional				
	Max Use:	1				
	<b>Purpose:</b>	To specif	fy identifying inform	ation		
	Syntax Notes:		east one of REF02 or			
	Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li><li>This segurif they ar</li></ul>	ther C04005 or C040 F04 contains data rela	04 is present, then the other is rec 06 is present, then the other is rec ting to the value cited in REF02. scretion of each LDC. Please che or not.	uired.	
		<b>-</b> .	Data Elem	ent Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifie	cation Qualifier	Attributes M ID 2/3	
			Code qualifying the	Reference Identification		
			45	Old Account Number		
				LDC Company previous accoun customer.	nt number for the end use	
Μ	REF02	127	<b>Reference Identifie</b>	cation	M AN 1/30	
			specified by the Re	ion as defined for a particular Tra ference Identification Qualifier ount number for the customer.	nsaction Set or as	

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	Segment: Position:	030		lling Cycle		Gas Cost Recovery Ra Division's First Set of D , 2011
	Loop:		Mandatory	Į.		
	Level:	Detail				
	Usage:	Optional				
	Max Use:	1				
	Purpose:	-	• •	ng information		
	Syntax Notes:			REF02 or REF03 is required.		
	Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li><li>Request:</li></ul>	ther C0400 704 contains Optional e: Not Used	3 or C04004 is present, then the other is ro 5 or C04006 is present, then the other is ro s data relating to the value cited in REF02 d	equired.	
			E	Data Element Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Referenc	e Identification Qualifier		<u>ributes</u> ID 2/3
			Code qua	lifying the Reference Identification		
			BF	Billing Center Identification		
				Billing cycle. Cycle number v rendered.	when the billing	g will be
Μ	REF02	127	Referenc	e Identification	Μ	AN 1/2
			specified	e information as defined for a particular T by the Reference Identification Qualifier ing Cycle Number	ransaction Set o	or as

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	030 LIN Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF	fy identifying informed east one of REF02 of ther C04003 or C04 ther C04005 or C04 04 contains data ref	mation or REF03 is required. 4004 is present, then the other is req 4006 is present, then the other is req lating to the value cited in REF02.	
	Notes:	Request: Response	e: Not Used		
	Ref.	REF*BL		ment Summary	
	Des.	Element	Name		A <b>17</b>
Μ		Lacinent	Ivallie		<u>Attributes</u>
TAT	REF01	128		fication Qualifier	<u>Attributes</u> M ID 2/3
TAT	REF01		<b>Reference Identi</b> Code qualifying the	fication Qualifier he Reference Identification	
TAT	REF01		<b>Reference Identi</b>	he Reference Identification Billing Type	M ID 2/3
141	REF01		<b>Reference Identi</b> Code qualifying the	he Reference Identification	M ID 2/3 asolidated by the er each party will render
M	REF01 REF02		<b>Reference Identi</b> Code qualifying the	he Reference Identification Billing Type Identifies whether the bill is cor Distribution Company or wheth their own bill. See REF02 for v	M ID 2/3 asolidated by the er each party will render

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the NM1 Meter/Unmetered Information Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 080 Page 86 of 241 NM1 Loop: Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To supply the full name of an individual or organizational entity Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required. 2 If NM111 is present, then NM110 is required. Semantic Notes: 1 NM102 qualifies NM103. **Comments:** NM110 and NM111 further define the type of entity in NM101. 1 Notes: **Request: Required Response: Required** NM1\*MR\*3\*\*\*\*\*32\*1234568 NM1\*MA\*3\*\*\*\*\*93\*UNMETERED NM1\*MX\*3\*\*\*\*\*32\*334545 **Data Element Summary** Ref. Data Element Attributes Des. Name Μ **NM101** 98 **Entity Identifier Code** M ID 2/3 Code identifying an organizational entity, a physical location, property or an individual MA Party for whom Item is Ultimately Intended Meter Addition - use when adding a meter to an existing account MQ Metering Location Meter Level Information Change - use when changing existing Meter level Information or Attribute(s) for an existing Meter. Also used when enrolling a customer for the first time. MR Medical Insurance Carrier Meter Removal - use when removing a meter from an existing account MX Juvenile Witness Meter Exchange - use when exchanging a meter Μ NM102 1065 **Entity Type Qualifier** M ID 1/1 Code qualifying the type of entity Unknown 3 Μ **NM108** 66 **Identification Code Qualifier** M ID 1/2 Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator Meter Number 93 Code assigned by the organization originating the transaction set This code used when a Meter Number is NOT provided in NM109 (i.e., when NM109 contains "UNMETERED"). Μ **NM109** 67 **Identification Code** M AN 2/80 Code identifying a party or other code Meter Number or **UNMETERED** - for Unmetered Services On an exchange, this is the new meter number. This is the meter number that will be used for validation for Bay State and Berkshire.

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On a meter removal, the meter number for the meter being a Marketers and the provided in this NM109. Responses to Division's First Set of Data Requests September 23, 2011 Page 87 of 241

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	130 NM1 Detail Optional 1 To specifi	Old Meter Number Mandatory fy identifying information east one of REF02 or REF03 is required.		Gas Cost Recovery Rate Division's First Set of Da 2011
	Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li><li>Only use</li><li>meter" be</li></ul>	ther C04003 or C04004 is present, then the other is req ther C04005 or C04006 is present, then the other is req 04 contains data relating to the value cited in REF02. d when NM1*MX is used exchanging a meter. This we eing replaced. *9938526S	quired.	the "old
			Data Element Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	NameReference Identification QualifierCode qualifying the Reference Identification46Old Meter Number		<u>ibutes</u> ID 2/3
Μ	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Tra specified by the Reference Identification Qualifier Old Meter Number	M unsaction Set o	<b>AN 1/30</b> or as

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request:	fy identifying informat east one of REF02 or R ther C04003 or C04004 ther C04005 or C04006		Responses to September 2 Page 89 of 2 is required. is required.	rs and the f Gas Cost Recovery I o Division's First Set o 3, 2011	
Ref.	REF*NH Data	I*RS1 Data Elemer	nt Summary			
Des.	<u>Element</u>	<u>Name</u>		At	<u>tributes</u>	
REF01	128	<b>Reference Identifica</b>	tion Qualifier	Μ	ID 2/3	
		1 , 6	Reference Identification			
			Rate Card Number			
			Identifies a Distribution rat	te class or tariff		
REF02	127	<b>Reference Identifica</b>	ition	Μ	AN 1/30	
			n as defined for a particula rence Identification Qualifi		or as	

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>130</li> <li>NM1</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specifi</li> <li>1 At let</li> <li>2 If eit</li> <li>3 If eit</li> <li>1 REF</li> </ul>	Supplier Rate Code 1 Mandatory y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other her C04005 or C04006 is present, then the other 04 contains data relating to the value cited in RE	is required.
	Ref.	Data	Data Element Summary	
м	Des.	Element	Name	Attributes
Μ	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
			RB Rate code number Supplier Rate Code for th	e customer
М	REF02	127	Reference Identification	M AN 1/30
171	KLA V2	127	Reference information as defined for a particul specified by the Reference Identification Quali Supplier Rate Code	ar Transaction Set or as

Segment: Position: Loop: Level:	REF 130 NM1 Detail	Supplier Rate Cod Mandatory	le 2		itions for and the Gas Cost Recovery F Division's First Set of 2011	
Usage:	Optional					
Max Use:	1	C	(* a			
Purpose: Syntax Notes:	-	fy identifying informat east one of REF02 or R				
Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li></ul>	ther C04005 or C0400 F04 contains data relational relations of the complexity of the	4 is present, then the other is require 6 is present, then the other is require ng to the value cited in REF02. te billing is chosen.			
		Data Eleme	nt Summary			
Ref.	Data					
<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identifica	ation Qualifian	<u>Attı</u> M	<u>ributes</u> ID 2/3	
<b>KEFUI</b>	120		Reference Identification	IVI	ID 2/3	
			Price List Number			
			Used to indicate a second price co account.	ode for a Su	pplier	
REF02	127	Reference Identifica	ation	Μ	AN 1/30	
			on as defined for a particular Trans erence Identification Qualifier e for Supplier	saction Set of	or as	

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	Segment: Position:	<b>REF</b>	Supplier Rate Amount	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
	Loop:	130 NM1	Mandatory	Page 92 of 241
	Loop: Level:	Detail	Wandatory	
	Usage:		(Dependent)	
	Max Use:	1		
	<b>Purpose:</b>	To specif	fy identifying information	
	Syntax Notes:		east one of REF02 or REF03 is requir	
			her C04003 or C04004 is present, the	
			ther C04005 or C04006 is present, the	-
	Semantic Notes: Comments:	1 REF	04 contains data relating to the value	cited in REF02.
	Notes:	This is or	aly used when complete billing is che	sen. This segment is used at the discretion
			nent is only used when Supplier Rate	see if they are using this segment or not. Code 1 is used.
			Data Element Summary	
	Ref.	Data		
٦ſ	Des.	Element	Name Defense Llockfordier Oralifica	Attributes
Μ	REF01	128	Reference Identification Qualifier	
			Code qualifying the Reference Iden	
			PR Price Quote N	
				t pricing category under a rate code
Μ	REF02	127	<b>Reference Identification</b>	M AN 1/30
			Reference information as defined for specified by the Reference Identification	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>130</li> <li>NM1</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specifi</li> <li>1 At let</li> <li>2 If eit</li> <li>3 If eit</li> <li>1 REF</li> </ul>	Designated Receipt Point Mandatory y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requir her C04005 or C04006 is present, then the other is requir 04 contains data relating to the value cited in REF02.	Responses to September 23 Page 93 of 24	ditions for s and the Gas Cost Recovery F Division's First Set of 3, 2011	
	Notes:	REF*SP	Optional :: Not Used _*1234567 Data Element Summary			
	Ref. <u>Des.</u>	Data Element	Name	A 11	ributes	
Μ	<u>Des.</u> REF01	<u>128</u>	Reference Identification Qualifier	M		
			Code qualifying the Reference Identification SPL Standard Point Location Code (SP City gate number	LC)		
Μ	REF02	127	Reference Identification	Μ	AN 1/30	
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier City gate number	action Set	or as	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request:	east one of F ther C04003 ther C04005 04 contains Optional e: Not Used	ng information REF02 or REF03 is required. 3 or C04004 is present, then the other is r 5 or C04006 is present, then the other is r data relating to the value cited in REF02	Responses September Page 94 of required.	0 onditions for ers and the of Gas Cost Recover to Division's First Set 23, 2011	
		REF*17*		ata Element Summary			
	Ref.	Data	D	ata Element Summary			
	Des.	<u>Element</u>	<u>Name</u>		Α	<u>ttributes</u>	
Μ	REF01	128		e Identification Qualifier		/ ID 2/3	
			Code qual	ifying the Reference Identification			
			17	Client Reporting Category			
				Used as an identifier for the ty to be provided to the Custome Supplier Services.			
Μ	REF02	127	Reference	e Identification	Ν	AN 1/5	
				information as defined for a particular T by the Reference Identification Qualifier Daily Metered Distribution So Non Daily Metered Distributi	ervice	t or as	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>130</li> <li>NM1</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specifi</li> <li>1 At let</li> <li>2 If eit</li> <li>3 If eit</li> <li>1 REF</li> </ul>	fy identifying infor east one of REF02 of ther C04003 or C04 ther C04005 or C04 04 contains data re nly used on comple		Responses to September 23 Page 95 of 24 is required. is required. F02.	litions for s and the Gas Cost Recovery Rates Division's First Set of Data , 2011
Ref.	Data	Data Ele	ment Summary		
Des.	<u>Element</u>	Name		Att	ributes
REF01	128		fication Qualifier	Μ	ID 2/3
		Code qualifying t	he Reference Identification		
		TX	Tax Exempt Number		
			Indicates if the service is ta	axable or exempt.	
REF02	127	<b>Reference Identi</b>	fication	Μ	AN 1/5
			ation as defined for a particular		or as
		· ·	Reference Identification Qualifi	ier	
		0	Tax exempt		
		1	1000/ / 11		

1 100% taxable

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Μ

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specifi 1 At le 2 If eit 3 If eit 1 REF Request:	Mandatory fy identifying inform east one of REF02 or ther C04003 or C040 ther C04005 or C040 04 contains data rela Optional e: Not Used		
Μ	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	ent Summary cation Qualifier e Reference Identification Meter Ticket Number	<u>Attributes</u> M ID 2/3
М	REF02	127	Reference Identifi	Meter type. Used to identify the measured by this meter and the in measurements.	•••
IVI	KEF UZ	127	Reference informat	ion as defined for a particular Tran ference Identification Qualifier Indicates the measurement is in t	saction Set or as
Μ	REF03	352	<b>Description</b> A free-form descrip Total therms (Gas)	ption to clarify the related data elem	M AN 1/80 nents and their content

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	140 NM1 Detail Optional >1 To specif 1 At le 2 If D' 3 If eit	fy pertinent dates and east one of DTM02 D TM04 is present, ther	times TM03 or DTM05 is required. n DTM03 is required. 06 is present, then the other is requ	Responses to I September 23, Page 97 of 241	tions for and the Gas Cost Recovery Rate Division's First Set of Da 2011	
М	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifie	ent Summary er be of date or time, or both date and Meter Reading Used to indicate the date of a met	time	<u>ibutes</u> ID 3/3 ddition,	
Μ	DTM02	373	<b>Date</b> Date expressed as C	etc.		DT 8/8	

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	Segment:	<b>SE</b> т	ransaction Set Trailer	Responses to I	Gas Cost Recovery Ra Division's First Set of D
	Position:	150		September 23, Page 98 of 241	
	Loop:			g	
	Level:	Detail			
	Usage:	Mandato	ry		
	Max Use:	1			
	-		te the end of the transaction set and provide the count of (including the beginning (ST) and ending (SE) segment		itted
	Syntax Notes:	U		*	
	Semantic Notes:				
	<b>Comments:</b>	1 SE is	s the last segment of each transaction set.		
	Notes:		Required		
		-	e: Required		
		-	00000001		
			Data Element Summary		
	Ref.	Data			
		Element	<u>Name</u>	Attr	ributes
Μ	SE01	96	Number of Included Segments	Μ	N0 1/10
			Total number of segments included in a transaction set	including S	ST and SE
			segments	U	
Μ	<b>SE02</b>	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within	the transact	ion set
			functional group assigned by the originator for a transa		
			remember of a solution of the originator for a transa	ienon set	

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# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

814 Drop Request and Response Ver/Rel 004010

#### 814 General Request, Response or Confirmation Gas Cost Recovery Rates Division's First Set of Data Requests

Docket 4270 Terms & Conditions for Gas Marketers and the Galuration of Gas Cost Recovery Rates **Gappeness d** Division's First Set of Data Reques September 23, 2011

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### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BGN	Beginning Segment	М	1		
			LOOP ID - N1			1	
М	040	N1	LDC	М	1		n1
			LOOP ID - N1		•	1	
М	040	N1	Supplier	М	1		n2

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - LIN			>1	
М	010	LIN	Item Identification	М	1		
М	020	ASI	Action or Status Indicator	М	1		
	030	REF	Reject Reasons	0	>1		
М	030	REF	Supplier Account Number for Customer	М	1		
М	030	REF	LDC Account Number for Customer	М	1		
	030	REF	Old LDC Account Number for Customer	0	1		
	030	REF	REF ID (Meter Number)	0	1		
			LOOP ID - NM1			>1	
М	080	NM1	Meter/Unmetered Information	М	1		n3
	140	DTM	Effective Date of Service	0	>1		
М	150	SE	Transaction Set Trailer	М	1		

### **Transaction Set Notes**

- 1. The N1 loop is used to identify the transaction sender and receiver.
- 2. The N1 loop is used to identify the transaction sender and receiver.
- **3.** The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

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	Segment:		ransaction Set Header		Gas Cost Recovery Rate Division's First Set of Dat
	Position:	010		Page 101 of 24	
	Loop:	Heedine			
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:			1	
	Purpose: Syntax Notes:	To indica	ate the start of a transaction set and to assign a control	number	
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the transla change partners to select the appropriate transaction s ets the Invoice Transaction Set).		
	<b>Comments:</b>	~~~~			
	Notes:	Response	Required e: Required 000000001		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		<u>ributes</u>
Μ	ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
			Code uniquely identifying a Transaction Set		
			814 General Request, Response or	Confirmation	
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique with functional group assigned by the originator for a tran		tion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests

# Segment: Synta Semant

## **BGN** Beginning Segment

Segment:	<b>DOIV</b> beginning Segment	Responses to Division's First Set of D
Position:	020	September 23, 2011 Page 102 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
<b>Purpose:</b>	To indicate the beginning of a transaction set	
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.	
nantic Notes:	1 BGN02 is the transaction set reference number.	
	<b>2</b> BGN03 is the transaction set date.	
	<b>3</b> BGN04 is the transaction set time.	
	<b>4</b> BGN05 is the transaction set time qualifier.	
	5 BGN06 is the transaction set reference number of a p	reviously sent transaction
	affected by the current transaction.	,
<b>Comments:</b>		
Notes:	Request: Required	
	Response: Required	
	For BGN 01 use the following:	
	Tor Dorv of use the following.	
	814E - 814CS - 814CL - 814DC - 814DS - 814H use 13 r	aquest
	014E - 014C5 - 014CE - 014DC - 014D5 - 01411 use 15 1	equest
	814SE - 814ER - 814CC - 814DR use 11 response	
	<b>•</b>	
	BGN*13*199904011956531*19990401	
	BGN*11*199904011956531*19990402	

### **Data Element Summary**

			Data Elem	ient Summary		
М	Ref. <u>Des.</u> BGN01	Data <u>Element</u> 353	<u>Name</u> Transaction Set P	urpose Code	<u>Attı</u> M	<u>ributes</u> ID 2/2
			Code identifying pu	urpose of transaction set		
			11	Response		
				Signifies that the requested service wil described in this transaction.	l be ad	ldressed as
			13	Request		
Μ	BGN02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30
				ion as defined for a particular Transactio ference Identification Qualifier	n Set o	or as
			On the request, this the originator of this	is a unique transaction identification nui is transaction.	mber a	ssigned by
			On the response, th BGN02.	e tracking number from the request is ec	hoed b	ack in this
Μ	BGN03	373	Date		Μ	DT 8/8
			Date expressed as (	CCYYMMDD		
			The transaction cre sender's application	ation date - the date that the data was pro	cessed	l by the

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 103 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 Request: Response N1*8S*I N1*8S*I N1*8S*I	Mandatory ry ify a party by type east one of N102 of ther N103 or N104 segment, used alo nizational identific ride a key to the tak 5 and N106 further Required e: Required LDC COMPANY* LDC COMPANY*	of organization, name, and code r N103 is required. is present, then the other is required ne, provides the most efficient methor cation. To obtain this efficiency the " ole maintained by the transaction pro r define the type of entity in N101. 1*007909411**40 (as Receiver) 9*007909411**41 (as Sender) 9*0079094110001**41 (as Sender)	Responses to September 23 Page 103 of 2	Gas Cost Recovery Rai Division's First Set of D 2011 11 11 10 10 10 4) must
				ement Summary		
	Ref.	Data	Data Ele	ement Summary		
	Des.	<u>Element</u>	<u>Name</u>			<u>ributes</u>
Μ	N101	98	Entity Identifier	· Code	Μ	ID 2/3
				an organizational entity, a physical l	ocation, proj	perty or an
			individual 8S	Consumer Service Provider (CSI	D)	
			60	LDC	r )	
М	N102	02	Name	LDC	М	AN 1/60
IVI	IN102	93			IVI	AIN 1/00
			Free-form name	T		
	N102		LDC Company N		М	ID 1/2
Μ	N103	66	Identification C	-		ID 1/2
			Code designating Code (67)	the system/method of code structure	e used for Id	entification
			1	D-U-N-S Number, Dun & Brads	treet	
			9	D-U-N-S+4, D-U-N-S Number		aracter
			,	Suffix		
Μ	N104	67	Identification Co	ode	Μ	AN 9/13
			Code identifying	a party or other code		
			This is the LDC's	DUN & Bradstreet Number with or	without the	+4.
Μ	N106	<b>98</b>	Entity Identifier	Code	Μ	ID 2/3
			individual	an organizational entity, a physical l	ocation, proj	perty or an
			40	Receiver		
			41	Submitter		

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 Request: Response N1*SJ*E N1*SJ*E	Mandatory ry ify a party by ty east one of N102 ther N103 or N1 segment, used nizational ident ride a key to the 5 and N106 furt Required e: Required ESP COMPANY ESP COMPANY	pe of organization, name, and cod 2 or N103 is required. 104 is present, then the other is rec alone, provides the most efficient ification. To obtain this efficiency table maintained by the transaction her define the type of entity in N1 (*9*0079094220001**41 (as Sender) (*9*0079094220001**40 (as Rec (*1*007909422**41 (as Sender)	Responses to September 23 Page 104 of 2 Page 104 of 2 le quired. method of providi y the "ID Code" (N on processing party 101. der)	Gas Cost Recovery Rat Division's First Set of Da , 2011 41 ing 1104) must
		NI*SJ*E	2SP COMPANY	(*1*007909422**40 (as Receiver	)	
	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Element Summary		<u>ributes</u>
Μ	N101	98	Entity Identif			ID 2/3
			individual SJ	ng an organizational entity, a phy Service Provider	sical location, pro	perty or an
				Supplier		
Μ	N102	93	Name Free-form nan		М	AN 1/60
			This is the Sup			
Μ	N103	66		Code Qualifier	Μ	ID 1/2
			Code designat Code (67) 1	ing the system/method of code str D-U-N-S Number, Dun &		entification
			9	D-U-N-S+4, D-U-N-S Nur Suffix		naracter
М	N104	67	Identification		Μ	AN 9/13
			Code identifyi	ng a party or other code		
			This is the DU	N & Bradstreet Number with or v	without the +4.	
Μ	N106	<b>98</b>	Entity Identif	ier Code	Μ	ID 2/3
			Code identifyi individual 40	ng an organizational entity, a phy Receiver	sical location, pro	perty or an
			40 41	Submitter		
			41	Submitter		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates LIN Item Identification Responses to Division's First Set of Data Requests September 23, 2011 Page 105 of 241 Mandatory Mandatory To specify basic item identification data If either LIN04 or LIN05 is present, then the other is required. If either LIN06 or LIN07 is present, then the other is required. If either LIN08 or LIN09 is present, then the other is required. If either LIN10 or LIN11 is present, then the other is required. If either LIN12 or LIN13 is present, then the other is required. If either LIN14 or LIN15 is present, then the other is required. If either LIN16 or LIN17 is present, then the other is required. If either LIN18 or LIN19 is present, then the other is required. If either LIN20 or LIN21 is present, then the other is required. If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. If either LIN30 or LIN31 is present, then the other is required. LIN01 is the line item identification See the Data Dictionary for a complete list of IDs. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. Request: Required Response: Required LIN\*CE19991231080000001\*SH\*GAS\*SH\*CE (Supplier Services)

#### **Data Element Summary**

	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Atti	<u>ributes</u>
Μ	LIN01	350	Assigned Identific	ation	Μ	AN 1/20
			Alphanumeric chara	Alphanumeric characters assigned for differentiation within a		
			On the request, this	is a unique tracking number. Only one I	LIN lo	op per
			transaction.			
Μ	LIN02	235	Product/Service II	) Qualifier	Μ	ID 2/2
			Code identifying th Product/Service ID	e type/source of the descriptive number u (234)	sed ir	1
			SH	Service Requested		
Μ	LIN03	234	Product/Service II	)	Μ	AN 1/48
			Identifying number	for a product or service		
			GAS	Gas Service		
				Indicates a customer request to obtain g	as sei	vice.
Μ	LIN04	235	Product/Service II	O Qualifier	Μ	ID 2/2
			Code identifying th Product/Service ID	e type/source of the descriptive number u (234)	sed in	1
			SH	Service Requested		
Μ	LIN05	234	<b>Product/Service II</b>	)	Μ	AN 2/2
			Identifying number for a product or service			
			CE	Supplier Services		
				Indicates a customer request to enroll in defined in LIN03 (Gas Delivery)	n the s	service

Segment:

**Position:** 

Loop:

Level:

Usage:

Max Use:

**Purpose:** 

Syntax Notes:

Semantic Notes:

**Comments:** 

Notes:

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Detail

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	020 LIN Detail Mandator 1	ate the action to be ta	ndicator aken with the information provided	Responses to I September 23, Page 106 of 24	tions for and the 3as Cost Recovery R Division's First Set of I 2011 1	
	Semantic Notes:						
	Comments: Notes:	D	D · 1				
	notes.	Response ASI*7*0 ASI*U*(	Required e: Required 24 - (814DS & 814I )24 - (814DR - Reje 2*024 - (814DR - co	oct)			
			Data Elen	nent Summary			
	Ref.	Data	NT			•1	
М	<u>Des.</u> ASI01	Element 306	<u>Name</u> Action Code			<u>ibutes</u> ID 1/2	
			Code indicating ty	pe of action			
			7	Request			
			U	Reject			
			WQ	Accept			
Μ	ASI02	875	Maintenance Typ	e Code	Μ	ID 3/3	
				he specific type of item maintenance	e		
			024	Cancellation or Termination			

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specifi 1 At le 2 If eir 3 If eir 1 REF Request: Response	fy identifying in east one of REF ther C04003 or ther C04005 or 04 contains dat Not Used	nformation F02 or REF03 is required. C04004 is present, then the other is req C04006 is present, then the other is req ta relating to the value cited in REF02. Error Response	Responses to September 23 Page 107 of 2-	and the Gas Cost Recovery Rat Division's First Set of D , 2011
			Data	Element Summary		
	Ref.	Data		j		
Μ	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Id	entification Qualifier	Att M	<u>ributes</u> ID 2/3
			Code qualifyi	ng the Reference Identification		
			7G	Data Quality Reject Reason		
Μ	REF02	127	<b>Reference Id</b>		Μ	AN 3/3
				Formation as defined for a particular Transle Reference Identification Qualifier Account exists but is not active Other - see REF03 Account not found Duplicate request received Action Code (ASI01) Invalid Date Invalid The meter number does not mate with the account Cannot identify ESP Cannot identify LDC		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandator 1 To specif 1 At le 2 If eit 3 If eit 1 REF	Ty identifying information the sast one of REF02 or REF03 is required. Ther C04003 or C04004 is present, then the other ther C04005 or C04006 is present, then the other the contains data relating to the value cited in RE	Doc Tern Gas Cala Res Sep Pag	ponses to tember 23 e 108 of 2-	litions for s and the Gas Cost Recovery F Division's First Set of , 2011	
	Notes:	Response	Required if previously sent by supplier 2348400586 Data Element Summary				
	Ref.	Data					
м	Des.	Element	Name Reference Identification Qualifian			ributes	
Μ	REF01	128	<b>Reference Identification Qualifier</b>		IVI	ID 2/3	
			Code qualifying the Reference Identification				
				t number fo	n and up	a austaman	
		105	Supplier assigned account	t number 10			
Μ	REF02	127	Reference Identification			AN 1/30	
			Reference information as defined for a particul specified by the Reference Identification Quali		on Set	or as	
			Account Number				

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandator 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	fy identifying informa east one of REF02 or I ther C04003 or C0400 ther C04005 or C0400	tion	Responses to September 23 Page 109 of 2	litions for s and the Gas Cost Recovery F Division's First Set of , 2011	
		Data Eleme	ent Summary			
Ref. Des.	Data Element	Name		Att	ributes	
REF01	128	Reference Identific	ation Qualifier		ID 2/3	
		Code qualifying the	Reference Identification			
		12	Billing Account			
			LDC Company assigned account customer	number for	end use	
REF02	127	<b>Reference Identific</b>	ation	Μ	AN 1/30	
			on as defined for a particular Trans erence Identification Qualifier	saction Set	or as	

М

М

	Segment: Position:	030		unt Number for Customer		and the as Cost Recovery F ivision's First Set of 2011	
	Loop: Level:	Detail	Mandatory				
	Usage:	Optional					
	Max Use:	1					
	Purpose:	To specif	fy identifying infor	mation			
	Syntax Notes:	-		or REF03 is required.			
	U	2 If eit	ther C04003 or C04	4004 is present, then the other is re 4006 is present, then the other is re			
	Semantic Notes:			elating to the value cited in REF02			
	<b>Comments:</b>			C			
	Notes:	if they ar	ment is used at the re using this segment *1105687500	discretion of each LDC. Please ch nt or not.	ieck with your I	LDC to see	
			Data Ele	ement Summary			
	Ref.	Data					
	Des.	Element				ibutes	
Μ	REF01	128		ification Qualifier	Μ	ID 2/3	
				he Reference Identification			
			45	Old Account Number			
				LDC Company previous account customer.	unt number for t	the end use	
Μ	REF02	127	<b>Reference Identi</b>	ification	Μ	AN 1/30	
			specified by the R	ation as defined for a particular Transference Identification Qualifier count number for the customer.	ransaction Set o	r as	1

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	Segment: Position:	<b>REF</b> 030	REF ID (Meter Number)	Responses to I September 23,	Gas Cost Recovery Rate Division's First Set of Dat 2011		
	Loop:		Mandatory	Page 111 of 24	1		
	Level:	Detail	ivialidator y				
	Usage:	Optional					
	Max Use:	1					
	Purpose:	To specif	y identifying information				
	Syntax Notes:	-	east one of REF02 or REF03 is required.				
	Syntan 100050		her C04003 or C04004 is present, then the other is requ	ired			
			her C04005 or C04006 is present, then the other is requ				
	Semantic Notes:		04 contains data relating to the value cited in REF02.	neu.			
	Comments:	1 1121					
	Notes: Required when supplier drops customer.						
		Optional	where customer drops supplier. 3*1234567				
			Data Element Summary				
	Ref.	Data					
	Des.	Element	Name	Attr	ibutes		
Μ	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			MG Meter Number				
Μ	REF02	127	Reference Identification		AN 3/4		
			Reference information as defined for a particular Trans	saction Set o	or as		
			specified by the Reference Identification Qualifier				
			Meter Number				

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	<ul> <li>NM1 Meter/Unmetered Information</li> <li>080</li> <li>NM1 Mandatory</li> <li>Detail</li> <li>Mandatory</li> <li>1</li> <li>To supply the full name of an individual or organizational entity</li> <li>1 If either NM108 or NM109 is present, then the other is required.</li> <li>2 If NM111 is present, then NM110 is required.</li> <li>1 NM102 qualifies NM103.</li> </ul>	uired.
Comments: Notes:	1 NM110 and NM111 further define the type of entity in NM Request: Required	101.
- 10000	Response: Required NM1*MQ*3*****93*1234567	

			Dutu Litint	che Summar y		
	Ref.	Data				
	Des.	Element	Name		Attr	ibutes
Μ	NM101	98	Entity Identifier Co	ode	Μ	ID 2/3
			Code identifying an	organizational entity, a physical location,	. pror	erty or an
			individual		, <b>r</b> r	
			MQ	Metering Location		
			ι.	Meter Level Information Change - use v	vhen	changing
				existing Meter level Information or Attr		
				existing Meter. Also used when enrollin		
				the first time.	5 4 00	
Μ	NM102	1065	Entity Type Qualify	ier	Μ	ID 1/1
			Code qualifying the	type of entity		
			3	Unknown		
Μ	NM108	66	Identification Code	Qualifier	Μ	ID 1/2
			Code designating the Code (67)	e system/method of code structure used fo	or Ide	entification
			32	Assigned by Property Operator		
				Meter Number		
			93	Code assigned by the organization origin	nating	g the
				transaction set		
				This code used when a Meter Number is	NO7	Γ provided
				in NM109 (i.e., when NM109 contains		
				"UNMETERED").		
Μ	NM109	67	Identification Code	<u>}</u>	Μ	AN 2/80
			Code identifying a p	arty or other code		
			Meter Number			
			<b>UNMETERED</b> - for	Unmetered Services		

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	140 NM1 Detail Optional >1 To specif <b>1</b> At le <b>2</b> If D' <b>3</b> If eit Request: Response	fy pertinent dates and east one of DTM02 D TM04 is present, then	times TM03 or DTM05 is required.	Responses to I September 23, Page 113 of 24	Gas Cost Recovery Rate Division's First Set of Da , 2011
	Ref. Des.	Data Element		ent Summary	Attı	<u>ributes</u>
Μ	DTM01	374	Date/Time Qualifie	r		ID 3/3
			Code specifying typ 150	e of date or time, or both date and Service Period Start Date that the service with the Sur		tart.
Μ	DTM02	373	<b>Date</b> Date expressed as C	CYYMMDD	Μ	DT 8/8

Segment:	SE Transaction Set Trailer	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	150	September 23, 2011 Page 114 of 241
Loop:		
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provid segments (including the beginning (ST) and ending	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>	<b>1</b> SE is the last segment of each transaction set.	
Notes:	Request: Required	
	Response: Required	
	SE*28*00000001	
	Data Element Summary	
Ref.	Data	
Des	Flamont Nama	Attributes

			Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		<u>ributes</u>
Μ	SE01	96	Number of Included Segments	$\mathbf{M}$	N0 1/10
			Total number of segments included in a transaction set include segments	ding S	T and SE
Μ	SE02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction		ion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 115 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

814 Enrollment Request and Response Ver/Rel 004010

### 814 General Request, Response or Confirmation Division's First Set of Data Requests

Terms & Conditions for Gas Marketers and the Gasturation of Gas Cost Recovery Rates **Gaspenses d** Division's First Set of Data Reques September 23, 2011

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Attachment DIV 1-19 Docket 4270

#### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

#### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BGN	Beginning Segment	М	1		
			LOOP ID - N1			1	
М	040	N1	LDC	М	1		n1
			LOOP ID - N1			1	
М	040	N1	Supplier	М	1		n2
			LOOP ID - N1			1	
	040	N1	Bill to Identifier	0	1		n3
	060	N3	Address Information	0	1		
	070	N4	Geographic Location	0	1		

#### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - LIN		· ·	>1	
М	010	LIN	Item Identification	М	1		
М	020	ASI	Action or Status Indicator	М	1		
	030	REF	Reject Reasons	0	>1		
М	030	REF	Supplier Account Number for Customer	М	1		
М	030	REF	LDC Account Number for Customer	М	1		
	030	REF	Old LDC Account Number for Customer	0	1		
	030	REF	Public Aggregator	0	1		
	030	REF	LDC Billing Cycle	0	1		
	030	REF	Billing Option	0	1		
			LOOP ID - NM1			>1	
М	080	NM1	Meter/Unmetered Information	М	1		n4
	130	REF	LDC Rate Code	0	1		
	130	REF	Supplier Rate Code 1	0	1		
	130	REF	Supplier Rate Code 2	0	1		
Dep	130	REF	Supplier Rate Amount	0	1		
	130	REF	Designated Receipt Point	0	1		
	130	REF	Service Indicator	0	1		
	130	REF	Sales Tax Indicator	0	1		
	130	REF	Total Capacity Quantity (in therms)	0	1		
	140	DTM	Effective Date of Service	0	>1		

М	150	SE	Transaction Set Trailer	М	1	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
<b>T</b>			1			September 23, 2011

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#### **Transaction Set Notes**

- 1. The N1 loop is used to identify the transaction sender and receiver.
- 2. The N1 loop is used to identify the transaction sender and receiver.
- 3. The N1 loop is used to identify the transaction sender and receiver.
- 4. The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 118 of 241

	Segment:		ransaction Set Header		Gas Cost Recovery Rate Division's First Set of Da
	Position:	010		Page 118 of 24	
	Loop: Level:	Haadima			
		Heading			
	Usage: Max Use:	Mandato	ſy		
		I To india	to the start of a transaction act and to assign a control	numban	
	Purpose: Syntax Notes:	To marca	ate the start of a transaction set and to assign a control	number	
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translat change partners to select the appropriate transaction se ets the Invoice Transaction Set).		
	<b>Comments:</b>				
	Notes:	Response	Required e: Required 000000001		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>	Att	<u>ributes</u>
Μ	ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
			Code uniquely identifying a Transaction Set		
			814 General Request, Response or C	Confirmation	
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique withir functional group assigned by the originator for a tran		tion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests

# Segment: P N F Synta Semanti

## **BGN** Beginning Segment

Segment:	<b>DUIN</b> Beginning Segment	Responses to Division's First Set of Da
Position:	020	September 23, 2011 Page 119 of 241
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
<b>Purpose:</b>	To indicate the beginning of a transaction set	
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.	
mantic Notes:	<b>1</b> BGN02 is the transaction set reference number.	
	<b>2</b> BGN03 is the transaction set date.	
	<b>3</b> BGN04 is the transaction set time.	
	<b>4</b> BGN05 is the transaction set time qualifier.	
	<b>5</b> BGN06 is the transaction set reference number of a p	reviously sent transaction
	affected by the current transaction.	-
<b>Comments:</b>		
Notes:	Request: Required	
	Response: Required	
	For BGN 01 use the following:	
	814E - 814CS - 814CL - 814DC - 814DS - 814H use 13 r	equest
	814SE - 814ER - 814CC - 814DR use 11 response	
	BGN*13*199904011956531*19990401	
	BGN*11*199904011956531*19990402	

			Data Elen	ient Summar y		
М	Ref. <u>Des.</u> BGN01	Data <u>Element</u> 353	<u>Name</u> Transaction Set P	urpose Code		<u>ributes</u> ID 2/2
				urpose of transaction set		
			11	Response		
				Signifies that the requested service will described in this transaction.	be ad	dressed as
			13	Request		
Μ	BGN02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			On the request, this the originator of the	s is a unique transaction identification nur is transaction.	nber a	ssigned by
			On the response, th BGN02.	e tracking number from the request is ech	ioed b	ack in this
Μ	BGN03	373	Date		Μ	DT 8/8
			Date expressed as	CCYYMMDD		
			The transaction cre sender's application	ation date - the date that the data was pronsystem.	cessed	l by the

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 120 of 241

Segment:	N1 LDC	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da September 23, 2011
Position:	040	Page 120 of 241
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required.	
	2 If either N103 or N104 is present, then the other is required	1.
Semantic Notes:		
Comments:	<ol> <li>This segment, used alone, provides the most efficient meth organizational identification. To obtain this efficiency the provide a key to the table maintained by the transaction pro</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>	'ID Code" (N104) must
Notes:	Request: Required	
	Response: Required	
	N1*8S*LDC COMPANY*1*007909411**40 (as Receiver)	
	N1*8S*LDC COMPANY*9*0079094110001**40 (as Receive	r)
	N1*8S*LDC COMPANY*1*007909411**41 (as Sender)	
	N1*8S*LDC COMPANY*9*0079094110001**41 (as Sender)	

			Data Elei	nent Summary		
М	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identifier	Code	<u>Attı</u> M	<u>ributes</u> ID 2/3
			Code identifying a individual	an organizational entity, a physical location	, proj	perty or an
			8S	Consumer Service Provider (CSP)		
				LDC		
Μ	N102	93	Name		Μ	AN 1/60
			Free-form name			
			LDC Company Na	ame		
Μ	N103	66	<b>Identification</b> Co	de Qualifier	Μ	ID 1/2
			Code designating Code (67)	the system/method of code structure used f	or Ide	entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Fo Suffix	ur Ch	aracter
Μ	N104	67	<b>Identification Co</b>	de	Μ	AN 9/13
			Code identifying a	a party or other code		
			This is the LDC's	DUN & Bradstreet Number with or withou	t the	+4.
Μ	N106	<b>98</b>	<b>Entity Identifier</b>	Code	Μ	ID 2/3
			Code identifying a individual	an organizational entity, a physical location	, prop	perty or an
			40	Receiver		
			41	Submitter		

N1 Supplier	Attachment DIV 1-19
040	Docket 4270
N1 Mandatory	Terms & Conditions for
Heading	Gas Marketers and the
Mandatory	Calculation of Gas Cost Recovery Rates
1	Responses to Division's First Set of Data Requests
To identify a party by type of organization, name, and code	September 23, 2011
1 At least one of N102 or N103 is required.	Page 121 of 241
2 If either N103 or N104 is present, then the other is required.	

Semantic No Comme

Syntax Notes:

Segment: **Position:** 

Loop:

Level:

Usage: Max Use:

**Purpose:** 

c Notes:		
nments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must
	2	provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	Re	quest: Required
	Re	sponse: Required
	N1	*SJ*ESP COMPANY*9*0079094220001**41 (as Sender)

N1\*SJ\*ESP COMPANY\*1\*007909422\*\*41 (as Sender)

N1\*SJ\*ESP COMPANY\*9\*0079094220001\*\*40 (as Receiver)

N1\*SJ\*ESP COMPANY\*1\*007909422\*\*40 (as Receiver)

			Data Er	ement Summary		
М	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identifie	r Code		<u>ributes</u> ID 2/3
			Code identifying individual	g an organizational entity, a physical location	on, proj	perty or an
			SJ	Service Provider		
				Supplier		
М	N102	93	Name		Μ	AN 1/60
			Free-form name			
			This is the Suppl	lier's name.		
М	N103	66	Identification C	Code Qualifier	Μ	ID 1/2
			Code designating Code (67)	g the system/method of code structure used	for Id	entification
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with F Suffix	our Cl	naracter
М	N104	67	Identification C	Code	Μ	AN 9/13
			Code identifying	g a party or other code		
			This is the DUN	& Bradstreet Number with or without the -	+4.	
М	N106	<b>98</b>	Entity Identifie	r Code	Μ	ID 2/3
			Code identifying individual	g an organizational entity, a physical location	on, pro	perty or an
			40	Receiver		
			41	Submitter		

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	Segment: Position:	<b>N1</b> в	ill to Identifier		Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da September 23, 2011
	Loop:		Optional		Page 122 of 241
	Level:	Heading	optional		
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To identi	ify a party by type of	organization, name, and code	
	Syntax Notes:		east one of N102 or N		
	J			s present, then the other is required.	
	Semantic Notes: Comments: Notes:	1 This orga prov 2 N10 Request:	segment, used alone nizational identificat ide a key to the table	e, provides the most efficient metho tion. To obtain this efficiency the "I e maintained by the transaction proc lefine the type of entity in N101.	d of providing D Code'' (N104) must
			Data Elen	nent Summary	
	Ref.	Data			
Μ	<u>Des.</u> N101	Element 98	<u>Name</u> Entity Identifier (	Code	<u>Attributes</u> M ID 2/3
			Code identifying an individual BT	n organizational entity, a physical lo Bill-to-Party	ocation, property or an
				Used to identify a billing address associated with the service accou	
Μ	N102	93	Name		M AN 1/60
			Free-form name		
			This segment is rec	uired for X12 compliance. It will b	be populated with "NV".

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N3 Address Information Segment: **Position:** 060 Loop: N1 Optional Level: Heading Usage: Optional Max Use: 1 To specify the location of the named party **Purpose:** Syntax Notes: Semantic Notes: **Comments:** Request: Optional Notes: **Response: Optional** 

N3\*123 N MAIN ST\*MS FLR13

	Ref.	Data			
	Des.	<b>Element</b>	Name	Attı	<u>ributes</u>
Μ	N301	166	Address Information	Μ	AN 1/55
			Address information		
	N302	166	Address Information	0	AN 1/55
			Address information		

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	Segment:	<b>N4</b> G	eographic Location	Responses to I	Gas Cost Recovery Ra Division's First Set of D			
	<b>Position:</b>	070		September 23, Page 124 of 24				
	Loop:	N1 (	Optional					
	Level:	Heading						
	Usage:	Optional						
	Max Use:	1						
	Purpose:	To specif	fy the geographic place of the named party					
	Syntax Notes:	1 If N <sup>4</sup>	406 is present, then N405 is required.					
	Semantic Notes:							
	<b>Comments:</b>		ombination of either N401 through N404, or N405 and N	406 may be	e adequate to			
		1	ify a location.					
	<b>N</b> T (		2 is required only if city name (N401) is in the U.S. or C	anada.				
	Notes:		Optional					
		Response: Optional N4*ANYTOWN*PA*18111						
		IN4*AN I	(TOWN*PA*181110001					
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	Name	Attr	<u>ributes</u>			
Μ	N401	19	City Name	Μ	AN 2/30			
			Free-form text for city name					
Μ	N402	156	State or Province Code	Μ	ID 2/2			
			Code (Standard State/Province) as defined by appropria	ate governn	nent agency			
Μ	N403	116	Postal Code	Μ	ID 5/9			
			Code defining international postal zone code excluding	punctuatio	n and blanks			
			(zip code for United States)	. 1				
	N404	26	Country Code	0	ID 2/3			
			Code identifying the country					
			Only used if outside of the US.					

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates LIN Item Identification Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 010 Page 125 of 241 LIN Loop: Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To specify basic item identification data Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. If either LIN30 or LIN31 is present, then the other is required. 14 Semantic Notes: LIN01 is the line item identification 1 **Comments:** 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. Notes: Request: Required Response: Required LIN\*CE19991231080000001\*SH\*GAS\*SH\*CE (Supplier Services) **Data Element Summary** Ref. Data Des. **Element** Name Attributes

Μ	LIN01	<u>350</u>	Assigned Identifica	ntion	M	AN 1/20
			Alphanumeric chara	cters assigned for differentiation within a	trans	saction set
			On the request, this	is a unique tracking number. Only one L	IN lo	op per
			transaction.			
Μ	LIN02	235	Product/Service ID	Qualifier	Μ	ID 2/2
			Code identifying the Product/Service ID	e type/source of the descriptive number us (234)	sed in	l
			SH	Service Requested		
Μ	LIN03	234	<b>Product/Service ID</b>		Μ	AN 1/48
			Identifying number	for a product or service		
			GAS	Gas Service		
				Indicates a customer request to obtain g	as ser	vice.
Μ	LIN04	235	<b>Product/Service ID</b>	Qualifier	Μ	ID 2/2
			Code identifying the Product/Service ID	e type/source of the descriptive number us (234)	sed in	l
			SH	Service Requested		
Μ	LIN05	234	<b>Product/Service ID</b>		Μ	AN 2/2
			Identifying number	for a product or service		
			CE	Supplier Services		
				Indicates a customer request to enroll in defined in LIN03 (Gas Delivery)	the s	ervice

s	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	020 LIN Detail Mandato 1	te the action to be	<b>Indicator</b> e taken with the information provided	Responses to September 23, Page 126 of 24	litions for s and the Gas Cost Recovery Rat Division's First Set of Di , 2011 41	
	Comments: Notes:	Poquest.	Required				
		ASI*7*0 ASI*WQ	:: Required 21 - (814E) *021 - (814SE - S 21 - (814ER - Re	ject)			
	Ref.	Data	Data El	ement Summary			
	Des.	Element	Name		Att	ributes	
Μ	ASI01	306	Action Code			ID 1/2	
			Code indicating	type of action			
			7	Request			
			U	Reject			
			WQ	Accept			
Μ	ASI02	875	Maintenance Ty	ype Code	Μ	ID 3/3	
			Code identifying	the specific type of item maintenance	e		
			021	Addition			
				Use when requesting or confirmi	ng a new set	rvice.	

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	ther C04003 or C ther C04005 or C 04 contains data Not Used	ormation 2 or REF03 is required. 04004 is present, then the other is rec 04006 is present, then the other is rec relating to the value cited in REF02.	
			Data E	lement Summary	
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Iden	ntification Qualifier	<u>Attributes</u> M ID 2/3
				g the Reference Identification	
			7G	Data Quality Reject Reason	
Μ	REF02	127	<b>Reference Iden</b>	ntification	M AN 3/3
				mation as defined for a particular Tra Reference Identification Qualifier Account exists but is not active Other - see REF03 Account not found Service is not offered at custom Invalid Service Indicator	
			ABN	Duplicate request received	
			ACI	Action Code (ASI01) Invalid	
			ANE	Account Not Eligible	
			ANL	Service provider not licensed to	provide requested service
			DIV	Date Invalid	
			FRB	Incorrect Billing Option (REF*	BLT) Requested
			MNM	The meter number does not mat with the account	tch any meter associated
			NFI	Not First In	
			TEI	Tax Exemption Percentage (AM Invalid	AT*DP or AMT*T)
			UND	Cannot identify ESP	
			UNE W05	Cannot identify LDC Paguested Pate not found (Con	anlata Billing)
	REF03	352		Requested Rate not found (Con	O AN 1/80
	KEFUJ	352	<b>Description</b>	scription to clarify the related data ele	
				describe the status reason code sent i	
			DRP	Invalid Designated Receipt Poin	
			PG	Used to reject an invalid Public	

				Docket 4270 Terms & Conditions for
	<b>C</b>	BEE	Supplier Account Number for Customer	Gas Marketers and the Calculation of Gas Cost Recovery Rates
	Segment:		Supplier Account Number for Customer	Responses to Division's First Set of Data Requests September 23, 2011
	Position:	030		Page 128 of 241
	Loop:		Mandatory	
	Level:	Detail		
	Usage:	Mandato	ry	
	Max Use:	l T		
	Purpose:	-	fy identifying information	
	Syntax Notes:		east one of REF02 or REF03 is required.	
			ther C04003 or C04004 is present, then the other is	
			her C04005 or C04006 is present, then the other is	1
	Semantic Notes:	1 REF	04 contains data relating to the value cited in REF0	)2.
	Comments:	D		
	Notes:	Request:	*	
		-	e: Required if Supplied on Request	
		<b>KEF*11</b> *	\$2348400586	
			Data Element Summary	
	Ref.	Data	•	
	Des.	Element	Name	<u>Attributes</u>
Μ	REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
			Code qualifying the Reference Identification	
			11 Account Number	
			Supplier assigned account nu	umber for end use customer
Μ	REF02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular	Transaction Set or as
			specified by the Reference Identification Qualifier	
				-
			Account Number	

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandato 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	Fy identifying informates east one of REF02 or ther C04003 or C0400 ther C04005 or C0400	ation	Responses to I September 23, Page 129 of 24	tions for and the Gas Cost Recovery R Division's First Set of 2011	
	Def	Data	Data Eleme	ent Summary			
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identific	ation Qualifier		<u>ibutes</u> ID 2/3	
				Reference Identification			
			12	Billing Account		J	
				LDC Company assigned account customer	number for	end use	
Μ	REF02	127	<b>Reference Identific</b>	cation	Μ	AN 1/30	
				on as defined for a particular Tran erence Identification Qualifier	saction Set o	or as	

	Segment:		Old LDC Account	Number for Customer		270 Condit keters ion of C ses to D	tions for and the Gas Cost Recovery Division's First Set c	
	Position:	030	Mandatam		Page 13			
	Loop: Level:		Mandatory					
		Detail						
	Usage: Max Use:	Optional						
	Purpose:	To specif	fy identifying informa	tion				
	Syntax Notes:	-	east one of REF02 or H					
	Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li><li>This segrif they ar</li></ul>	her C04005 or C0400 04 contains data relati	14 is present, then the other is 16 is present, then the other is 16 ing to the value cited in REF cretion of each LDC. Please or not.	s required. 02.	your ]	LDC to see	
			Data Eleme	ent Summary				
	Ref.	Data						
	Des.	Element	Name				<u>ibutes</u>	
Μ	REF01	128	Reference Identifica	•		M	ID 2/3	
				Reference Identification				
			45	Old Account Number				
				LDC Company previous accustomer.	count numbe	r for	the end use	
Μ	REF02	127	<b>Reference Identifica</b>	ation		М	AN 1/30	
			specified by the Refe	on as defined for a particular erence Identification Qualifie punt number for the customer	er	Set o	or as	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional 1 To specif 1 At le 2 If eit 3 If eit	Public Aggregator Mandatory Y identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is rea her C04005 or C04006 is present, then the other is rea of contains data relating to the value cited in REF02. Optional	
M	0011111111	-	e: Optional	<u>Attributes</u> M ID 2/3 M AN 1/4
171		127	Reference information as defined for a particular Tra specified by the Reference Identification Qualifier Public Aggregator Number	

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	Segment: Position:		LDC Billing	Cycle	Gas Marketers and the Calculation of Gas Cost Recovery Rat Responses to Division's First Set of D September 23, 2011 Page 132 of 241
	Loop:	LIN	Mandatory		Fage 132 01 241
	Level:	Detail	•		
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To specif	fy identifying inf	formation	
	Syntax Notes:	1 At le	east one of REF0	2 or REF03 is required.	
	Semantic Notes: Comments: Notes:	<ul><li>3 If eit</li><li>1 REF</li><li>Request:</li></ul>	ther C04005 or C 04 contains data Not Used e: Required	C04004 is present, then the o C04006 is present, then the o relating to the value cited ir	ther is required.
			Data H	Element Summary	
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u>	ntification Qualifier	<u>Attributes</u> M ID 2/3
			Code qualifyin	g the Reference Identificatio	n
			BF	Billing Center Identifi	
				0	umber when the billing will be
Μ	REF02	127	<b>Reference Ide</b>	ntification	M AN 1/2
				rmation as defined for a part e Reference Identification Q ycle Number	

	Segment:REF Billing OptionAttachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Rec Responses to Division's Firs September 23, 2011 Page 133 of 241Position:030Loop:LINLoop:LINMax Use:1Purpose:To specify identifying informationSyntax Notes:1At least one of REF02 or REF03 is required.2If either C04003 or C04004 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.Semantic Notes:1REF04 contains data relating to the value cited in REF02.						
	Notes:	tes: Request: Required Response: Required REF*BLT*LDC Data Element Summary					
	Ref.	Data					
М	<u>Des.</u> REF01	Element 128	<u>Name</u> Defense Identi	ification Qualifier	<u>Attributes</u> M ID 2/3		
IVI	KEFU1	120		the Reference Identification	M 1D 2/3		
			BLT	Billing Type			
			DET	Identifies whether the bill is co Distribution Company or whet their own bill. See REF02 for	her each party will render		
Μ	REF02	127	<b>Reference Identi</b>	ification	M AN 3/4		
				nation as defined for a particular Tr Reference Identification Qualifier	ansaction Set or as		

Segment: Position:	NM1 Meter/Unmetered Information	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 134 of 241
Loop:	NM1 Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To supply the full name of an individual or organizational ent	ity
Syntax Notes:	1 If either NM108 or NM109 is present, then the other is re	equired.
	2 If NM111 is present, then NM110 is required.	-
Semantic Notes:	1 NM102 qualifies NM103.	
<b>Comments:</b>	1 NM110 and NM111 further define the type of entity in N	M101.
Notes:	Request: Required	
	Response: Required	
	NM1*MQ*3*****93*1234567	

			Duta Litint	in Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attr	<u>ibutes</u>
Μ	NM101	<b>98</b>	<b>Entity Identifier Co</b>	ode	Μ	ID 2/3
			Code identifying an	organizational entity, a physical location	, prop	erty or an
			individual			5
			MQ	Metering Location		
				Meter Level Information Change - use wexisting Meter level Information or Attrexisting Meter. Also used when enrolling the first time.	ibute(	(s) for an
Μ	NM102	1065	Entity Type Qualifi	ier	Μ	ID 1/1
			Code qualifying the	type of entity		
			3	Unknown		
Μ	NM108	66	Identification Code	Qualifier	Μ	ID 1/2
			Code designating the	e system/method of code structure used for	or Ide	ntification
			Code (67)			
			32	Assigned by Property Operator		
				Meter Number		
			93	Code assigned by the organization origin transaction set	nating	g the
				This code used when a Meter Number is in NM109 (i.e., when NM109 contains "UNMETERED").	NOT	Γ provided
Μ	NM109	67	Identification Code		Μ	AN 2/80
			Code identifying a p	arty or other code		
			Meter Number			
			<b>UNMETERED</b> - for	Unmetered Services		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request:	fy identifying informa east one of REF02 or I ther C04003 or C0400 ther C04005 or C0400 704 contains data relati Not Used e: Required		Responses September Page 135 of is required. is required.	onditions for ters and the of Gas Cost Recovery to Division's First Set of 23, 2011	
		Data Eleme	ent Summary			
Ref. Des.	Data Element	Name		Δ	ttributes	
REF01	<u>128</u>	Reference Identific	ation Qualifier		/ ID 2/3	
		Code qualifying the	Reference Identification			
		NH	Rate Card Number			
			Identifies a Distribution ra	te class or tariff		
REF02	127	<b>Reference Identific</b>	ation	Ν	AN 1/30	
			on as defined for a particula erence Identification Qualif		t or as	
						-

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>3 If either C04005 or C040</li> <li>1 REF04 contains data rela</li> <li>This is only used when complete</li> </ul>	adion REF03 is required. 004 is present, then the other is requir 006 is present, then the other is requir then the other is required.	Responses to September 23, Page 136 of 24	itions for and the Gas Cost Recovery F Division's First Set of 2011
Comments:	<ul><li>3 If either C04005 or C040</li><li>1 REF04 contains data rela</li></ul>	006 is present, then the other is requirating to the value cited in REF02.		
Ref. <u>Des.</u> M REF01	Data Elem Data <u>Element Name</u> 128 Reference Identifi	nent Summary ication Oualifier		<u>ributes</u> ID 2/3
		e Reference Identification Rate code number Supplier Rate Code for the custom		
M REF02		tion as defined for a particular Transa ference Identification Qualifier	M action Set o	<b>AN 1/30</b> or as

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	Segment: Position:	<b>REF</b>	Supplier Rate	code 2	Responses to September 23	Gas Cost Recovery Rat Division's First Set of Da , 2011
	Loop:	NM1	Mandatory		Page 137 of 2	41
	Level:	Detail	5			
	Usage:	Optional				
	Max Use:	1				
	Purpose:	To specif	fy identifying info	ormation		
	Syntax Notes:	1 At le	east one of REF02	2 or REF03 is required.		
				04004 is present, then the other is		
				04006 is present, then the other is		
	Semantic Notes:	1 REF	04 contains data	relating to the value cited in REF	02.	
	Comments: Notes:			mplete billing is chosen and can r		
	Def	REF*PL		lement Summary		
	Ref.	Data Element	Nama		A 44	wihntog
М	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Ider	ntification Qualifier	<u>Au</u> M	<u>ributes</u> ID 2/3
IVI	KEF VI	120		g the Reference Identification	141	10 2/3
			PL	Price List Number		
			PL		. 16 0	1.
				Used to indicate a second pr account.	ice code for a Su	ipplier
Μ	REF02	127	Reference Iden	ntification	Μ	AN 1/30
			Reference infor	mation as defined for a particular	Transaction Set	or as
				Reference Identification Qualifie	r	
			Secondary Rate	Code for Supplier		

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specifi 1 At le 2 If eit 3 If eit 1 REF This is on with REI This segn Nstar is r	Supplier Rate Amount Mandatory (Dependent) by identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is rec her C04005 or C04006 is present, then the other is rec 04 contains data relating to the value cited in REF02. hly used when complete billing is chosen and can not r*PR. Only one of REF*PL or REF*PR is valid. nent is only used when Supplier Rate Code 1 is used. not supporting the REF*PR.	uired.		
		REF*PR	*.0350 Data Element Summary			
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         PR       Price Quote Number         Identifies a unit priving enteror	М	ibutes ID 2/3	
М	REF02	127	Identifies a unit pricing categor <b>Reference Identification</b> Reference information as defined for a particular Tra specified by the Reference Identification Qualifier Supplier Rate Amount Example: .0350 for 3.5 cents	M	AN 1/30	

Response: Required REF*SPL*1234567         Data Element Summary         Ref.       Data         Des.       Element       Name       Attributes         Des.       Element       Name       Attributes         REF01       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       SPL       Standard Point Location Code (SPLC)         City gate number       M       AN 1/30         REF02       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>130</li> <li>NM1</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specifi</li> <li>1 At let</li> <li>2 If eit</li> <li>3 If eit</li> <li>1 REF</li> </ul>	her C04005 or C04006 04 contains data relatir	ion	Responses to September 2 Page 139 of 2 Page 139 of 2 required.	ditions for s and the Gas Cost Recovery F Division's First Set of 3, 2011	
Des. REF01       Element 128       Name Reference Identification Qualifier       Attributes M         Code qualifying the Reference Identification SPL       Standard Point Location Code (SPLC)         City gate number         REF02       127       Reference Identification Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	Notes:	Response	e: Required L*1234567	nt Summary			
REF01       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       SPL       Standard Point Location Code (SPLC)         City gate number       City gate number         REF02       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30	Ref.	Data		-			
Code qualifying the Reference Identification         SPL       Standard Point Location Code (SPLC)         City gate number         REF02       127         Reference Identification       M AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							
SPL       Standard Point Location Code (SPLC)         City gate number         REF02       127         Reference Identification       M AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	KEF01	128		-	Μ	ID 2/3	
City gate number         REF02       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       Set or as							
REF02       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30					e (SPLC)		
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				••			
specified by the Reference Identification Qualifier	REF02	127					
				1	ransaction Set	or as	

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response REF*17*	east one of R ther C04003 ther C04005 04 contains Required e: Required D	ndicator	Responses to September 23, Page 140 of 24	itions for and the Gas Cost Recovery Division's First Set c 2011	
		REF*17*		ata Element Summary			
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>		Att	ributes	
Μ	REF01	128	Reference	Identification Qualifier	Μ	ID 2/3	
			Code quali	fying the Reference Identification			
			17	Client Reporting Category			
				Used as an identifier for the type of to be provided to the Customer in Supplier Services.			
Μ	REF02	127	Reference	Identification	Μ	AN 1/5	
				information as defined for a particular Transport by the Reference Identification Qualifier Daily Metered Distribution Servic Non Daily Metered Distribution S	e	or as	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF	fy identifying i east one of RE ther C04003 of ther C04005 of 704 contains da nly used on co		en the other is requi en the other is requi cited in REF02.	Responses to September 23 Page 141 of 24 irred.	itions for s and the Gas Cost Recovery F Division's First Set of , 2011	
D-f	Data	Data	Element Summary				
Ref. <u>Des.</u>	Data <u>Element</u>	Name			Att	<u>ributes</u>	
REF01	128	Reference Ic	lentification Qualifier		Μ	ID 2/3	
		Code qualify	ing the Reference Iden	tification			
		TX	Tax Exempt N	umber			
			Indicates if the	e service is taxable of	or exempt.		
REF02	127	Reference Ic	lentification		Μ	AN 1/5	
			formation as defined for the Reference Identific Tax exempt	-	action Set o	or as	

100% taxable

1

М

Μ

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	130 NM1 Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request:	her C04005 or C040 04 contains data rela Not Used	ation	Responses to September 23, Page 142 of 24	itions for and the Gas Cost Recovery Rates Division's First Set of Data 2011	
		Response REF*M7	e: Required				
	Ref. Des.	Data <u>Element</u>	Data Elem <u>Name</u>	ent Summary	Attı	ibutes	
Μ	REF01	128	Reference Identifie	cation Qualifier		ID 2/3	
			1 . 0	Reference Identification			
			MT	Meter Ticket Number			
				Meter type. Used to identify the measured by this meter and the in measurements.			
Μ	REF02	127	<b>Reference Identifie</b>	cation	Μ	AN 1/5	
				ion as defined for a particular Trans ference Identification Qualifier Indicates the measurement is in th		or as	
Μ	REF03	352	Description		Μ	AN 1/80	
			A free-form descrip	tion to clarify the related data elem	ents and the	eir content	
			Total therms (Gas). exempt from the TC	This field will be populated with 'CQ.	'E" if the cu	stomer is	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 143 of 241

	Segment: Position:	<b>DTN</b> 140	Effective Date of	f Service	Responses to I September 23,	Gas Cost Recovery Rate Division's First Set of Da 2011
	Loop:	NM1	Mandatory		Page 143 of 24	11
	Level:	Detail	Wandatory			
	Usage:	Optional				
	Max Use:	>1				
	Purpose:	To specif	y pertinent dates and	times		
	Syntax Notes:			TM03 or DTM05 is required.		
	v			n DTM03 is required.		
			1 ·	06 is present, then the other is requi	red.	
	Semantic Notes: Comments:					
	Notes:	Request:	Not Used			
		Response	e: Required 0*19990101			
		_	Data Elem	ent Summary		
	Ref.	Data				
М	<u>Des.</u> DTM01	Element 374	<u>Name</u> Date/Time Qualifi	er		<u>ributes</u> ID 3/3
			Code specifying typ	be of date or time, or both date and t	ime	
			150	Service Period Start		
			100	Date that the service with the Supp	nlior will st	ort
		252		Date that the service with the Supp	-	
Μ	DTM02	373	Date		Μ	DT 8/8
			Date expressed as C	CCYYMMDD		

<b>SE</b> Transaction Set Trailer	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 144 of 241
Detail	
Mandatory	
1	
To indicate the end of the transaction set and provide the c	ount of the transmitted
segments (including the beginning (ST) and ending (SE) se	egments)

Syntax Notes: Semantic Notes: **Comments:** Notes:

Segment: **Position:** 

Loop: Level:

Usage:

Max Use:

**Purpose:** 

1 SE is the last segment of each transaction set. Request: Required Response: Required SE\*28\*000000001

### **Data Element Summary**

			Data Element Summary		
	Ref.	Data Element	Name	A +++	ributes
	Des.	Liement	Name	Au	inutes
Μ	SE01	96	Number of Included Segments	Μ	N0 1/10
			Total number of segments included in a transaction set incluses segments	ding S	T and SE
Μ	SE02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		ion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 145 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

814 Historical Usage Request and Response Ver/Rel 004010

#### 814 General Request, Response or Confirmation Gas Cost Recovery Rates Division's First Set of Data Requests

Docket 4270 Terms & Conditions for Gas Marketers and the Gatuation of Gas Cost Recovery Rates Catuation of Gas Cost Recovery Rates

September 23, 2011 Page 146 of 241

Attachment DIV 1-19

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

## **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BGN	Beginning Segment	М	1		
			LOOP ID - N1	• • •		1	
М	040	N1	LDC	М	1		n1
			LOOP ID - N1			1	
М	040	N1	Supplier	М	1		n2

## **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - LIN			>1	
М	010	LIN	Item Identification	М	1		
М	020	ASI	Action or Status Indicator	М	1		
	030	REF	Reject Reasons	0	>1		
М	030	REF	LDC Account Number for Customer	М	1		
			LOOP ID - NM1	· · ·	·	>1	
М	080	NM1	Meter/Unmetered Information	М	1		n3
М	150	SE	Transaction Set Trailer	М	1		

## **Transaction Set Notes**

- **1.** The N1 loop is used to identify the transaction sender and receiver.
- 2. The N1 loop is used to identify the transaction sender and receiver.
- **3.** The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 147 of 241

	Segment: Position:	<b>ST</b> т 010	ransaction Set Header	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Dat September 23, 2011
	Loop:	010		Page 147 of 241
	Level:	Heading		
	Usage:	Mandato	rv	
	Max Use:	1	-5	
	Purpose:	To indica	ate the start of a transaction set and to assign a contro	l number
	Syntax Notes:			
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translachange partners to select the appropriate transaction ets the Invoice Transaction Set).	
	<b>Comments:</b>		······	
	Notes:	Response	Required e: Required 000000001	
			Data Element Summary	
	Ref.	Data		
	Des.	Element	Name	Attributes
Μ	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			814 General Request, Response or	Confirmation
М	ST02	329	Transaction Set Control Number	M AN 4/9
	2-3-		Identifying control number that must be unique with functional group assigned by the originator for a tra	hin the transaction set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests

## Segment: N Synta Semanti

## BGN Beginning Segment

beginent.		Responses to Division's First Set of
<b>Position:</b>	020	September 23, 2011 Page 148 of 241
Loop:		-
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
<b>Purpose:</b>	To indicate the beginning of a transaction set	
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.	
nantic Notes:	<b>1</b> BGN02 is the transaction set reference number.	
	<b>2</b> BGN03 is the transaction set date.	
	<b>3</b> BGN04 is the transaction set time.	
	<b>4</b> BGN05 is the transaction set time qualifier.	
	<b>5</b> BGN06 is the transaction set reference number of a	previously sent transaction
	affected by the current transaction.	
<b>Comments:</b>		
Notes:	Request: Required	
	Response: Required	
	For BGN 01 use the following:	
	814E - 814CS - 814CL - 814DC - 814DS - 814H use 13	request
	814SE - 814ER - 814CC - 814DR use 11 response	
	BGN*13*199904011956531*19990401	
	BGN*11*199904011956531*19990402	

### **Data Element Summary**

			Data Elen	ient Summary			
М	Ref. <u>Des.</u> BGN01	Data <u>Element</u> 353	<u>Name</u> Transaction Set P	urpose Code	<u>Attr</u> M	<u>ibutes</u> ID 2/2	
			Code identifying p	urpose of transaction set			
			11	Response			
				Signifies that the requested service wil described in this transaction.	be ad	dressed as	
			13	Request			
Μ	BGN02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
			On the request, this the originator of th	s is a unique transaction identification nui is transaction.	nber a	ssigned by	
			On the response, th BGN02.	e tracking number from the request is ecl	noed b	ack in this	
Μ	BGN03	373	Date		Μ	DT 8/8	
			Date expressed as	CCYYMMDD			
			The transaction cre sender's application	ation date - the date that the data was pronsystem.	cessed	by the	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 149 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 Request: Response N1*8S*I N1*8S*I N1*8S*I	Mandatory ry ify a party by type o east one of N102 or ther N103 or N104 i segment, used alon nizational identifica vide a key to the tabl 5 and N106 further Required e: Required LDC COMPANY*1 LDC COMPANY*1 LDC COMPANY*1	f organization, name, and code N103 is required. is present, then the other is required. e, provides the most efficient method tion. To obtain this efficiency the "I le maintained by the transaction proc define the type of entity in N101. *007909411**40 (as Receiver) *007909411**40 (as Receiver) *007909411**41 (as Sender)	Responses to September 23, Page 149 of 24 d of providi D Code" (N cessing party	Gas Cost Recovery Rat Division's First Set of D 2011 11 11 10 10 10 4) must
			Data Eler	nent Summary		
N	Ref. <u>Des.</u>	Data <u>Element</u> 98	Name			<u>ributes</u> ID 2/3
М	N101	20	Entity Identifier Code identifying a individual 8S	n organizational entity, a physical lo Consumer Service Provider (CSP	ocation, proj	
				LDC		
Μ	N102	93	Name Free-form name		М	AN 1/60
	N102		LDC Company Na			ID 1/2
М	N103	66	Identification Co Code designating Code (67) 1 9	the system/method of code structure D-U-N-S Number, Dun & Bradst D-U-N-S+4, D-U-N-S Number w Suffix	used for Ide	
М	N104	67	Identification Co		Μ	AN 9/13
			Code identifying a	a party or other code		
			This is the LDC's	DUN & Bradstreet Number with or v	without the	+4.
М	N106	<b>98</b>	Entity Identifier	Code	М	ID 2/3
			Code identifying a individual 40	n organizational entity, a physical lo Receiver	ocation, proj	perty or an
			40	Submitter		
			11	Saommo		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 150 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If ei 1 This orga prov 2 N10 Request: Response N1*SJ*H N1*SJ*H N1*SJ*H	Mandatory ry ify a party by ty east one of N102 ther N103 or N1 segment, used nizational ident ride a key to the 5 and N106 furt Required e: Required ESP COMPANY ESP COMPANY	pe of organization, name, and code 2 or N103 is required. 104 is present, then the other is requi alone, provides the most efficient m ification. To obtain this efficiency th table maintained by the transaction ther define the type of entity in N10 X*9*0079094220001**41 (as Sender X*1*0079094220001**40 (as Receiver)	Responses to September 23 Page 150 of 2 Page 150 of 2 rocessing party l.	Gas Cost Recovery Rat Division's First Set of Da 2011 41 ng 104) must
			Data	Element Summary		
М	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identif			<u>ributes</u> ID 2/3
			•	ing an organizational entity, a physic Service Provider		
				Supplier		
Μ	N102	93	Name Free-form nam	20	Μ	AN 1/60
			This is the Sup			
Μ	N103	66	-	Code Qualifier	Μ	ID 1/2
			Code designat Code (67) 1 9	ing the system/method of code struc D-U-N-S Number, Dun & Bi D-U-N-S+4, D-U-N-S Numb	radstreet	
М	N104	67	Identification	Suffix Code	М	AN 9/13
171	11104	07		ing a party or other code	171	111 7/15
				JN & Bradstreet Number with or wit	hout the +4.	
Μ	N106	<b>98</b>	Entity Identif		Μ	ID 2/3
			individual	ing an organizational entity, a physic	cal location, proj	perty or an
			40	Receiver		
			41	Submitter		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the LIN Item Identification Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 010 Page 151 of 241 LIN Loop: Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To specify basic item identification data Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. If either LIN30 or LIN31 is present, then the other is required. 14 Semantic Notes: LIN01 is the line item identification 1 **Comments:** 1 See the Data Dictionary for a complete list of IDs. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. 2 For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. Notes: Request: Required Response: Required LIN\*HU19991231080000002\*SH\*GAS\*SH\*HU (Historical Usage) **Data Element Summary** Ref. Data Des. Element Name Attributes LIN01 350 **Assigned Identification** AN 1/20 Μ Alphanumeric characters assigned for differentiation within a transaction set On the request, this is a unique tracking number. Only one LIN loop per transaction. 235 **Product/Service ID Qualifier** LIN02 M ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested T TNIO2 Product/Service ID 224 ЪΛ AN 1/48

Μ	LIN03	234	<b>Product/Service ID</b>	1	Μ	AN 1/48
			Identifying number f	for a product or service		
			GAS	Gas Service		
				Indicates a customer request to obtain ga	is ser	rvice.
Μ	LIN04	235	<b>Product/Service ID</b>	Qualifier	Μ	ID 2/2
			Code identifying the Product/Service ID ( SH	e type/source of the descriptive number us (234) Service Requested	ed in	1
Μ	LIN05	234	<b>Product/Service ID</b>	1	Μ	AN 2/2
			Identifying number f	for a product or service		
			HU	Historical Usage		
				Indicates an ESP request to obtain histor information for this customer. This info be returned on an EDI 867.		0

М

Μ

					Docket 4270 Terms & Conditions for Gas Marketers and the
	Segment:	ASI	Action or Status I	Indicator	Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
	Position:	020			September 23, 2011 Page 152 of 241
	Loop:		Mandatory		1 age 152 01 241
	Level:	Detail			
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:	To indica described		taken with the information provided	or the status of the entity
	Syntax Notes:				
	Semantic Notes:				
	Comments:	Descrete	Description		
	Notes:	-	Required e: Required		
		-	)29 - (814ER - Reje	ect)	
			29 - (814H)		
				ment Summary	
	Ref.	Data	Data Liei	ment Summary	
	Des.	<u>Element</u>	Name		<u>Attributes</u>
Μ	ASI01	306	Action Code		M ID 1/2
			Code indicating ty	ppe of action	
			7	Request	
			U	Reject	
Μ	ASI02	875	Maintenance Typ	pe Code	M ID 3/3
			Code identifying t	he specific type of item maintenance	e
			029	Inquiry	
				Use when requesting the following	ng service:
				HU - Historical Usage	

Attachment DIV 1-19

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 153 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Optional >1 To specif 1 At la 2 If eir 3 If eir 1 REF Request: Response	fy identifying inform east one of REF02 or ther C04003 or C040 ther C04005 or C040	r REF03 is required. 004 is present, then the other is requi 006 is present, then the other is requi ating to the value cited in REF02.		
			Data Elen	nent Summary		
	Ref.	Data				
	Des.	Element	Name		<u>Attributes</u>	
Μ	REF01	128	Reference Identifi	•	M ID 2/3	
				e Reference Identification		
			7G	Data Quality Reject Reason		
Μ	REF02	127	<b>Reference Identifi</b>		M AN 3/3	
				tion as defined for a particular Tran eference Identification Qualifier Account exists but is not active	saction Set or as	
			008 A76	Account exists but is not active Account not found		
			ABN	Duplicate request received		
			ACI	Action Code (ASI01) Invalid		
			HUU	Historical usage unavailable	h	1
			MNM	The meter number does not matc with the account	n any meter associate	a
			UND	Cannot identify ESP		
			UNE	Cannot identify LDC		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 LIN Detail Mandato 1 To specif 1 At le 2 If eit 3 If eit 1 REF Request: Response	fy identifying informates the control of REF02 or 1 the C04003 or C0400 the C04005 or C0400	tion	Responses to I September 23, Page 154 of 24	tions for and the Gas Cost Recovery R Division's First Set of 2011	
	Ref.	Data	Data Eleme	ent Summary			
М	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identific	ation Qualifier		<u>ributes</u> ID 2/3	
				Reference Identification Billing Account			
			12	LDC Company assigned account customer	number for	end use	
Μ	REF02	127	<b>Reference Identific</b>	ation	Μ	AN 1/30	
				on as defined for a particular Tran erence Identification Qualifier	saction Set o	or as	

Segment:	NM1 Meter/Unmetered Information	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
Position:	080	Page 155 of 241
Loop:	NM1 Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To supply the full name of an individual or organizational entity	,
Syntax Notes:	1 If either NM108 or NM109 is present, then the other is requ	iired.
-	<b>2</b> If NM111 is present, then NM110 is required.	
Semantic Notes:	1 NM102 qualifies NM103.	
<b>Comments:</b>	1 NM110 and NM111 further define the type of entity in NM	101.
Notes:	Request: Required	
	Response: Required	
	NM1*MQ*3*****93*1234567	

## **Data Element Summary**

			Duta Litint	in Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attr	<u>ibutes</u>
Μ	NM101	<b>98</b>	<b>Entity Identifier Co</b>	ode	Μ	ID 2/3
			Code identifying an	organizational entity, a physical location	, prop	erty or an
			individual			5
			MQ	Metering Location		
				Meter Level Information Change - use v existing Meter level Information or Attr existing Meter. Also used when enrollin	ibute(	(s) for an
м	NIN #100	10/5	Б4'4 Т О Реб	the first time.	М	ID 1/1
Μ	NM102	1065	Entity Type Qualifi		Μ	ID 1/1
			Code qualifying the	type of entity		
			3	Unknown		
Μ	NM108	66	Identification Code	Qualifier	Μ	ID 1/2
			Code designating the	e system/method of code structure used for	or Ide	ntification
			Code (67)	•		
			32	Assigned by Property Operator		
				Meter Number		
			93	Code assigned by the organization origin transaction set	nating	g the
				This code used when a Meter Number is in NM109 (i.e., when NM109 contains "UNMETERED").	NOT	Γ provided
Μ	NM109	67	Identification Code		Μ	AN 2/80
			Code identifying a p	arty or other code		
			Meter Number			
			<b>UNMETERED</b> - for	Unmetered Services		

Segment: Position:	<b>SE</b> Transaction Set Trailer	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
Loop:	150	Page 156 of 241
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the co segments (including the beginning (ST) and ending (SE) se	
Syntax Notes: nantic Notes:		
<b>Comments:</b>	<b>1</b> SE is the last segment of each transaction set.	
Notes:	Request: Required	
	Response: Required SE*28*00000001	
	Data Element Summary	
Ref.	Data	
<u>Des.</u> SE01	Element Name 96 Number of Included Segments	<u>Attributes</u> M N0 1/10
SEOI	70 Humber of menuted beginents	

Total number of segments included in a transaction set including ST and SE

Identifying control number that must be unique within the transaction set

functional group assigned by the originator for a transaction set

segments

**Transaction Set Control Number** 

329

Μ

М

Syntax Semantic

**SE02** 

M AN 4/9

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 157 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

820 Payment/Remittance Ver/Rel 004010

## 820 Payment Order/Remittance Advice

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 158 of 241

Functional Group ID=**RA** 

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BPR	Beginning Segment for Payment Order/Remittance Advice	М	1		
	050	REF	Remittance Tracking Number	0	>1		
М	060	DTM	Creation Date	Μ	>1		
			LOOP ID - N1			>1	
М	070	N1	LDC	М	1		c1
			LOOP ID - N1			>1	
М	070	N1	Supplier	М	1		c2

#### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID - ENT	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u> >1	Notes and <u>Comments</u>
М	010	ENT	Entity	М	1		n1, c3
			LOOP ID - RMR			>1	
М	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	М	1		c4
М	170	REF	Supplier Account Number for Customer	Μ	>1		
	170	REF	Old LDC Account Number for Customer	0	>1		
	180	DTM	Date/Time Reference	0	>1		

### **Summary:**

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	Repeat	<b>Comments</b>
Μ	010	SE	Transaction Set Trailer	M	1		

## **Transaction Set Notes**

1. The ENT loop is for vendor or consumer third party consolidated payments.

## **Transaction Set Comments**

**1.** The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for

- The N1 loop allows for name/address information for the payer and payee which would address the construction of the payer and payee which would be the set of the set 2. remittance(s) for delivery. September 23, 2011 Page 159 of 241
- 3. ENT09 may contain the payee's accounts receivable customer number.
- Loop RMR is for open items being referenced or for payment on account. 4.

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 160 of 241

	Segment:	ST т	ransaction Set Header	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da			
	Position:	010		September 23, 2011 Page 160 of 241			
	Loop:						
	Level:	Heading					
	Usage:	Mandato	ry				
	Max Use:	1					
	Purpose:	To indica	ate the start of a transaction set and to assign a control nu	umber			
	Syntax Notes:						
	Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	<b>Comments:</b>		·····				
	Notes:						
			Data Element Summary				
	Ref.	Data	·				
	Des.	<b>Element</b>	Name	<b>Attributes</b>			
Μ	<b>ST01</b>	143	Transaction Set Identifier Code	M ID 3/3			
			Code uniquely identifying a Transaction Set				
			820 Payment Order/Remittance Advid	re la			
М	ST02	329	Transaction Set Control Number	M AN 4/9			
IVI	5102	329					
			Identifying control number that must be unique within				
			functional group assigned by the originator for a transa	iction set			

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates **CRADIGE** to Division's First Set of Data Requests September 23, 2011 Page 161 of 241

Segment: Position: Loop: Level:	020	Beginning Segment for Payment Order/Remittance	Gas Marketers and the Calculation of Gas Cost Recovery Ra Red <b>Oites</b> to Division's First Set of E September 23, 2011 Page 161 of 241
Usage:	Heading Mandato	ry	
Max Use:	1	ı y	
Purpose:	To indica total pay	ate the beginning of a Payment Order/Remittance Advice ment amount, or to enable related transfer of funds and/or payee to occur	
Syntax Notes:	1 If ei 2 If B	wher BPR06 or BPR07 is present, then the other is require PR08 is present, then BPR09 is required. ther BPR12 or BPR13 is present, then the other is require	
	4 If B	PR14 is present, then BPR15 is required. ther BPR18 or BPR19 is present, then the other is require	
		PR20 is present, then BPR21 is required.	
Semantic Notes:	1 BPR	.02 specifies the payment amount.	
	BPR char BPR 3 BPR 4 BPR debi 5 BPR	In using this transaction set to initiate a payment, all or so 16 may be required, depending on the conventions of the nel being used. 06 and BPR07 relate to the originating depository financ 08 is a code identifying the type of bank account or other 09 is the account of the company originating the paymen ted or credited depending on the type of payment order. 12 and BPR13 relate to the receiving depository financia 14 is a code identifying the type of bank account or other	e specific financial ial institution (ODFI). r financial asset. t. This account may be l institution (RDFI).
		15 is the account number of the receiving company to be	
		the payment order.	
	8 BPR	16 is the date the originating company intends for the tra Payment Effective Date).	nsaction to be settled
		17 is a code identifying the business reason for this payn	ient.
	10 BPR	18, BPR19, BPR20 and BPR21, if used, identify a third b	oank identification
		ber and account to be used for return items only.	
C (	<b>11</b> BPR	20 is a code identifying the type of bank account or other	financial asset.
Comments: Notes:	BPR*I*1	000.00*C*ACH********19990220	
Ref.	Data	Data Element Summary	
Des.	<u>Element</u>	Name	Attributes
BPR01	<u>305</u>	Transaction Handling Code	M ID 1/2
		Code designating the action to be taken by all parties	
		I Remittance Information Only	
BPR02	782	Monetary Amount	M R 1/18
		Monetary amount	
		This amount is always positive.	
	470		

	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Att	<u>ributes</u>
Μ	BPR01	305	Transaction Han	ndling Code	Μ	ID 1/2
			Code designating	the action to be taken by all parties		
			Ι	Remittance Information Only		
Μ	BPR02	782	Monetary Amou	nt	Μ	R 1/18
			Monetary amount	:		
			This amount is alw	ways positive.		
Μ	BPR03	478	<b>Credit/Debit Fla</b>	g Code	Μ	ID 1/1
			Code indicating w	whether amount is a credit or debit		
			С	Credit		
				Credit is when monies are due to Supp	lier. F	rom LDC
				to Supplier.		
			D	Debit		
				Debit is when monies are owed to LDO	C. Sup	oplier to
				LDC.		
	BPR04	591	Payment Method	l Code	0	ID 3/3
			Code identifying	the method for the movement of payment i	nstruc	ctions
			This is only used	when the BPR 03 is a credit.		
			ACH	Automated Clearing House (ACH)		
MA 920 (	004010			-		M 20 2000

BPR16	373	CHK FEW FWT Date	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Federal Reserve Funds/Wire Transference 109 of 114 petitive Federal Reserve Funds/Wire Transference 109 of 114 petitive O DT 8/8
DI KIU	010	Date expressed as (	
		The date the origin Payment Effective	ating company intends for the transaction to be settled (i.e., Date).

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 163 of 241

Segm Posit		Remittance Tracking Numbe	r	Responses to I September 23,	Gas Cost Recovery Ra Division's First Set of 2011
2 0010	oop:			Page 163 of 24	11
	evel: Heading				
Usa	age: Optional				
Max U	0				
Purp	ose: To specif	v identifying information			
Syntax No	otes: 1 At le	ast one of REF02 or REF03 is re	equired.		
		ner C04003 or C04004 is present			
		ner C04005 or C04006 is present	-	red.	
Semantic No		4 contains data relating to the va	alue cited in REF02.		
Comme				TDG G	••
<b>Notes:</b> This is required when this is a credit situation. Monies owed from LDC to Supplier.					
	number o	te tracking number. This would check number that would accor 99887700		vire transfer	reference
		Data Element Summa	ry		
Re					
De		Name			ributes
M RE	F01 128	<b>Reference Identification Qual</b>		Μ	ID 2/3
		Code qualifying the Reference I	Identification		
		TN Transactio	on Reference Number		
M RE	F02 127	<b>Reference Identification</b>		Μ	AN 1/30
		Reference information as define specified by the Reference Iden	-	action Set of	or as

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 164 of 241

Segment: <b>DIN</b> Creation Date	Calculation of Gas Cost Reco Responses to Division's First
	September 23, 2011 Page 164 of 241
Loop:	0
Level: Heading	
Usage: Mandatory	
Max Use: >1	
<b>Purpose:</b> To specify pertinent dates and times	
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.	
2 If DTM04 is present, then DTM03 is required.	
3 If either DTM05 or DTM06 is present, then the other is requir	red.
Semantic Notes:	
Comments:	

## Data Element Summary

DTM\*097\*20000102

Notes:

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	Attr	ributes
Μ	DTM01	374	Date/Time Qualifier	Μ	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
Μ	DTM02	373	Date	Μ	DT 8/8
			Date expressed as CCYYMMDD		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 N1*8S*I	Mandatory ry ify a party by type east one of N102 o ther N103 or N104 segment, used alc nizational identific ride a key to the tal 5 and N106 furthe LDC COMPANY*	of organization, name, and code or N103 is required. 4 is present, then the other is required, one, provides the most efficient re- cation. To obtain this efficiency ble maintained by the transaction or define the type of entity in N10 *1*007909411**41 (as Sender) *9*0079094110001**41 (as Sen	Responses to September 23 Page 165 of 2 uired. method of provid the "ID Code" (N n processing part 01.	ditions for rs and the f Gas Cost Recovery Rates Division's First Set of Data Req 3, 2011 241	uests
			Data El	ement Summary			
	Ref.	Data		U			
.,	Des.	Element	Name			tributes	
Μ	N101	98	Entity Identifier		M		
			individual	an organizational entity, a phys	sical location, pro	perty or an	
			8S	Consumer Service Provider	·(CSP)		
			00	Distribution Company	(001)		
Μ	N102	93	Name	Distribution company	М	AN 1/60	
		70	Free-form name		111	11111/1/00	
				bution's Company name.			
М	N103	66	Identification C		М	ID 1/2	
IVI	11103	00		g the system/method of code stru			
			Code (67)	g the system/method of code site	deture used for fo	lentification	
			1	D-U-N-S Number, Dun & I	Bradstreet		
			9	D-U-N-S+4, D-U-N-S Num	nber with Four C	haracter	
				Suffix			
M	N104	67	Identification C		Μ	AN 2/80	
				a party or other code			
			This is the DUN	& Bradstreet Number with or w	vithout the +4.		
Μ	N106	98	Entity Identifier	r Code	Μ	ID 2/3	
			Code identifying individual 41	an organizational entity, a phys Submitter	sical location, pro	pperty or an	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If ein 1 This orga prov 2 N10 N1*SJ*E	Mandatory ry ify a party by ty east one of N10 ther N103 or N segment, used nizational ident ride a key to the 5 and N106 fur ESP COMPAN	2 or N10 104 is pr alone, pr tification table m ther defi Y*9*007	ganization, name, and code 03 is required. resent, then the other is require rovides the most efficient met 1. To obtain this efficiency the laintained by the transaction pr ine the type of entity in N101. 79094220001**40 (as Receiver)	Responses i September 2 Page 166 of ed. "ID Code" ( rocessing par	) nditions for ers and the of Gas Cost Recovery to Division's First Set 23, 2011 '241 ding N104) must	
			Data	Flomon	t Summary			
	Ref.	Data	Data	Liemen	a Summary			
	Des.	Element	<u>Name</u>			At	<u>ttributes</u>	
Μ	N101	98	Entity Identi	fier Cod	le		I ID 2/3	
			Code identify individual SJ	S	rganizational entity, a physica Service Provider Supplier	l location, pr	operty or an	
Μ	N102	93	Name			Μ	I AN 1/60	
			Free-form nar	me		10	11111,00	
			This is the Su		nomo			
Л	N102	((				N	I ID 1/2	
Μ	N103	66	Identification		-	M	, _	
			Code designal Code (67)	ting the s	system/method of code structu	ire used for I	dentification	
			1	Г	D-U-N-S Number, Dun & Bra	dstreet		
			9		D-U-N-S+4, D-U-N-S Number		haracter	
			,		Suffix		sharaotor	
Μ	N104	67	Identificatior			Μ	I AN 2/80	
			Code identify	ing a par	rty or other code			
			This is the DU	JN & Br	adstreet Number with or with	out the +4.		
Μ	N106	<b>98</b>	Entity Identi	fier Cod	le	Μ	I ID 2/3	
			•	ing an or	rganizational entity, a physica Receiver	l location, pr	operty or an	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 167 of 241

Segment:	ENT Entity	Calculation of Gas Cost Recovery Ra Responses to Division's First Set of I		
Position:	010	September 23, 2011		
Loop:	ENT Mandatory	Page 167 of 241		
Level:	Detail			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To designate the entities which are parties to a transaction and meaningful to those entities	specify a reference		
Syntax Notes:	<ol> <li>If any of ENT02 ENT03 or ENT04 is present, then all are</li> <li>If any of ENT05 ENT06 or ENT07 is present, then all are</li> <li>If either ENT08 or ENT09 is present, then the other is req</li> </ol>	5 ENT06 or ENT07 is present, then all are required.		
Semantic Notes:	5 If chief Elvio of Elvio is present, then the other is req	uned.		
Comments.	<ul> <li>mantic Notes:</li> <li>Comments: 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (a norganization) which is comprised of one or more entities. Groupings are as follows: <ol> <li>Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).</li> <li>Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no c data elements need be used.</li> <li>Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.</li> </ol> </li> </ul>			
Notes:	meaningful between the entities. ENT*1			

## **Data Element Summary**

Ref.	Data	Data Element Summary		
Des.		Name	Attr	ibutes
ENT01	554	Assigned Number	0	N0 1/6
		Number assigned for differentiation within a transaction set		

Attachment DIV 1-19 Docket 4270 Recovery Rates First Set of Data Requests

	Terms & Conditions for
	Gas Marketers and the
	Calculation of Gas Cost F
e Accounts Receivable Open	Iteras Referencesion's F
-	

	Segment: Position: Loop:	<b>RM</b> 150 RMR	<b>R</b> Remittance Adv Mandatory	vice Accounts Receivable Open It	Cas Marketers and the Calculation of Gas Cost Recovery Rat Calculation of Gas Cost Recovery Rat Calculation of Cas Cost Recovery Rat Calculation of Cas Cost Recovery Rat Calculation of Cas Cost Recovery Rat Cas Cas Cas Cost Recovery Rat Cas Cas Cost Recovery Rat Cas Cas Cas Cas Cas Cost Recovery Rat Cas Cas Cas Cas Cost Recovery Rat Cas Cas Cas Cas Cas Cas Cas Cost Recovery Rat Cas Cas Cas Cas Cas Cas Cas Cas Cas Cas
	Level:	Detail			
	Usage: Max Use:	Mandato	ry		
	Purpose:	1 To specit	fy the accounts receiv	vable open item(s) to be included in	the cash application and
	Syntax Notes:	to conve	y the appropriate deta		
				808 is present, then the other is requ	
	Semantic Notes:			pecifies how the cash is to be applie	ed.
		3 RMI disce item	ount (if discount is ap s.	invoice (including charges, less all oplicable) or debit amount or credit	
			R06 is the amount of		mount late interest noid
			nount anticipation.	sents an interest penalty payment, a	mount fale interest paid,
	Comments:	1 Parti		t should agree on the content of RM on.	IR01 and RMR02 prior
		2 If RI RMI	MR03 is not present, R02 must be present.	this is a payment for an open item. If not paying a specific open item, by some payees to distinguish betwee	RMR04 must be present.
			bers.		
	Notes:	RMR*12	2*334455*PO*1000.0	00	
			Dete Flore		
	Ref.	Data	Data Elem	ent Summary	
М	Des. RMR01	Element 128	<u>Name</u> Reference Identifi	cation Oualifier	<u>Attributes</u> M ID 2/3
				e Reference Identification	
			12	Billing Account	
				LDC Account Number for Custor	ner
Μ	RMR02	127	<b>Reference Identifi</b>		M AN 1/30
				ion as defined for a particular Trans ference Identification Qualifier	
			LDC Account Num	ber for Customer	
Μ	RMR03	482	<b>Payment Action C</b>	ode	M ID 2/2
			the cash application		if any, to be included in
			AJ	Adjustment	
				The use of AJ is limited to the fol	lowing:
				<ul> <li>Misapplied Payment</li> <li>Returned check</li> </ul>	
				For example, if \$100 is sent to Er the payment is not for an account	
				but is an account of Energy Suppl would send \$100 payment to Ene an AJ code with \$100 credit to En	lier #2. The Utility rgy Supplier #2, and
				This can be either a positive or ne signed in RMR08.	egative amount and is
			РО	Payment on Account	
				This will always be a positive am in RMR04.	ount and can be found

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 169 M241 **R** 1/18

					ntember 23, 2011
Μ	RMR04	782	Monetary Amount	Pa	ptember 23, 2011 ge 169 <b>M</b> 241 <b>R 1/18</b>
			Monetary amount		
			The payment/adjust match RMR08 if RM	ment amount. This amount is sumed i MR08 is used.	in BPR02. This will
	<b>RMR07</b>	426	Adjustment Reason	n Code	O ID 2/2
			Code indicating reason for debit or credit memo or adjustment to invoice, or or credit memo, or payment 72 Authorized Return		ment to invoice, debit
				Returned Check	
			D1	Transfer Between Accounts	
				Misapplied payments	
	RMR08	782	<b>Monetary Amount</b>		O R 1/18
			Monetary amount		
				ount. This amount should be signed if urrent payment, this amount is also in	e

Segment: Position:	<b>REF</b> Supplier Account Number for Customer	Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 170 of 241
Loop:	RMR Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is r	equired.
	<b>3</b> If either C04005 or C04006 is present, then the other is r	equired.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02	2.
<b>Comments:</b>		
Notes:	REF*11*2348400586	

Attachment DIV 1-19

## Data Element Summary

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	<b>cation Qualifier</b> e Reference Identification	<u>Attı</u> M	ributes ID 2/3
			11	Account Number		
				Supplier assigned account number for e	end us	e customer
Μ	REF02	127	<b>Reference Identifi</b>	cation	Μ	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier	n Set o	or as
			Account Number			

	Segment:		Old LDC Account Number for Customer	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
	Position:	170 RMR	Mondotory	Page 171 of 241
	Loop: Level:	Detail	Mandatory	
	Usage:	Optional		
	Max Use:	>1		
	Purpose:		fy identifying information	
	Syntax Notes:		east one of REF02 or REF03 is required.	
	Semantic Notes:	3 If eit	ther C04003 or C04004 is present, then the other is ther C04005 or C04006 is present, then the other is 04 contains data relating to the value cited in REF	s required.
	Comments:	I KLA	or contains data relating to the value cited in relation	
	Notes:	if they ar	nent is used at the discretion of each LDC. Please e using this segment or not. *2348400586	check with your LDC to see
			Data Element Summary	
	Ref.	Data Element	Nome	A the but og
М	<u>Des.</u> REF01	Element 128	<u>Name</u> Reference Identification Qualifier	Attributes M ID 2/3
171		120	Code qualifying the Reference Identification	
			45 Old Account Number	
				has for the and use sustamor
<b>N F</b>	DEDOA	105		ber for the end use customer.
Μ	REF02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular	
			specified by the Reference Identification Qualifie LDC's previous account number for the customer	

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 172 of 241

Segment:	DTM Date/Time Reference	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	180	September 23, 2011 Page 172 of 241
Loop:	RMR Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	<b>3</b> If either DTM05 or DTM06 is present, then the other is re	equired.
Semantic Notes:		
<b>Comments:</b>		
Notes:	DTM*809*19990428	

## Data Element Summary

М	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifi		<u>Attı</u> M	<u>ributes</u> ID 3/3
			809	be of date or time, or both date and time Posted		
				Payment Posting Date		
	DTM02	373	Date		Х	DT 8/8
			Date expressed as C	CCYYMMDD		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 173 of 241

Segment:	SE Transaction Set Trailer	Gas Marketers and the Calculation of Gas Cost Reco Responses to Division's First			
Position:	010	September 23, 2011 Page 173 of 241			
Loop:					
Level:	Summary				
Usage:	Mandatory				
Max Use:	1				
<b>Purpose:</b> To indicate the end of the transaction set and provide the count of the transmitte segments (including the beginning (ST) and ending (SE) segments)					
Syntax Notes:					
Semantic Notes:					
<b>Comments:</b>	<b>1</b> SE is the last segment of each transaction set.				
Notes:	SE*28*00000001				
	Data Element Summary				
Ref.	Data Electronic de la constante de la	A • <b>1</b>			
<u>Des.</u> SE01	<u>Element</u> Name96Number of Included Segments	<u>Attributes</u> M N0 1/10			

		Liethene	1 (unite	1100	Indices
Μ	SE01	96	Number of Included Segments	Μ	N0 1/10
			Total number of segments included in a transaction set include segments	ding S	T and SE
Μ	SE02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the transaction functional group assigned by the originator for a transaction set		tion set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 174 of 241

# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

824 Application Advice Ver/Rel 004010

## 824 Application Advice

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 175 of 241

Functional Group ID=AG

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

## **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BGN	Beginning Segment	М	1		
			LOOP ID - N1			>1	
М	030	N1	LDC	М	1		
			LOOP ID - N1			>1	
М	030	N1	Supplier	М	1		
			LOOP ID - N1	-		>1	
М	030	N1	Customer	М	1		
М	070	REF	LDC Account Number for Customer	М	12		
М	070	REF	Supplier Account Number for Customer	М	12		
	070	REF	OLD LDC Account Number for Customer	0	12		

## **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - OTI			1	
М	010	OTI	Original Transaction Identification	М	1		n1
	020	REF	Reference Identification (Meter Number)	0	12		n2
			LOOP ID - TED		_	>1	
М	070	TED	Technical Error Description	М	1		
	080	NTE	Note/Special Instruction	0	100		
М	090	SE	Transaction Set Trailer	М	1		ii

## **Transaction Set Notes**

- **1.** The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
- 2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

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	Segment:	ST т	ransaction Set Header	Responses to	Gas Cost Recovery Rate Division's First Set of Da	
	Position:	010		September 23, Page 176 of 24		
	Loop:					
	Level:	Heading				
	Usage:	Mandato	ry			
	Max Use:	1				
	Purpose:	To indica	ate the start of a transaction set and to assign a control	number		
	Syntax Notes:					
	<b>Semantic Notes:</b> 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	Comments:					
	Notes:	51*824*	00000001 Data Element Summary			
	Ref.	Data	Dutu Elenent Summury			
	Des.	Element	Name	Atti	ributes	
Μ	<b>ST01</b>	143	Transaction Set Identifier Code	M	ID 3/3	
			Code uniquely identifying a Transaction Set			
			824 Application Advice			
Μ	ST02	329	Transaction Set Control Number	Μ	AN 4/9	
			Identifying control number that must be unique with functional group assigned by the originator for a trans		tion set	

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	Segment: Position: Loop:	<b>BGN</b> 020	N Beginning Segm	ient		Gas Cost Recovery Ra Division's First Set of D , 2011
	Level: Usage: Max Use:	Heading Mandato 1	ry			
	Purpose:	-	ate the beginning of	a transaction set		
	Syntax Notes:			en BGN04 is required.		
	Semantic Notes:			n set reference number.		
			N03 is the transaction			
		3 BGN	NO4 is the transaction	n set time.		
		4 BGN	N05 is the transaction	n set time qualifier.		
				n set reference number of a prev	iously sent tran	saction
	~	affeo	cted by the current th	ransaction.		
	Comments:	DOM: 11	*100007111000001	*10000711******00		
	Notes:	DON-11	*199907111230001	*19990711****82		
	Ref.	Data	Data Elen	nent Summary		
	Des.	Element	Name		A tt	ributes
Μ	BGN01	<u>353</u>	Transaction Set F	Purpose Code	M	ID 2/2
				ourpose of transaction set		/
			11	Response		
М	BGN02	127	Reference Identif	•	М	AN 1/30
IVI	DGIN02	147				
				tion as defined for a particular T efference Identification Qualifier	ransaction Set	or as
				on identification number assigne	d by the origin	ator of this
			transaction.	on identification number assigne	d by the origina	ator or this
Μ	BGN03	373	Date		Μ	DT 8/8
			Date expressed as	CCYYMMDD		
			-	eation date - the date that the data	a was processed	l by the
			sender's applicatio		a was processed	a og tilo
				n sjotenn		
Μ	BGN08	306	Action Code		Μ	ID 1/2
Μ	BGN08	306	Action Code Code indicating ty	pe of action	Μ	ID 1/2
Μ	BGN08	306	Code indicating ty	•	Μ	ID 1/2
М	BGN08	306		Follow Up		
Μ	BGN08	306	Code indicating ty	•	he transaction	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 N1*8S*I	Mandatory ry fy a party by ty east one of N10 ther N103 or N segment, used nizational identide a key to the 5 and N106 fur LDC COMPAN	ppe of organization, name, and 2 or N103 is required. 104 is present, then the other is alone, provides the most efficient tification. To obtain this efficient table maintained by the transat ther define the type of entity in IY*1*007909411**40 IY*9*007909411LDCC**41	Gas Ma Calcula Respor Septer Page 1 code s required. ient method of pr ency the "ID Cod action processing	4270 & Cond arketers tition of 1ses to 1ber 23, 78 of 24 rovidi le" (N	titions for Gas Cost Recovery Division's First Set o , 2011 41	
			Data	Element Summary				
	Ref.	Data		·				
ъл	<u>Des.</u>	Element	<u>Name</u> Entite Idonti	for Codo			ributes	
Μ	N101	98	Entity Identi				ID 2/3	
			individual	ing an organizational entity, a	physical location	, proj	perty or an	
			8S	Consumer Service Prov	vider (CSP)			
				LDC	(14)			
М	N102	93	Name			Μ	AN 1/60	
			Free-form nar	ne				
			LDC's Name					
М	N103	66		n Code Qualifier		Μ	ID 1/2	
	11100	00		ting the system/method of code	e structure used f		-	
			Code (67)		e structure used i	01 14	entineution	
			1	D-U-N-S Number, Dur	n & Bradstreet			
			9	D-U-N-S+4, D-U-N-S	Number with Fo	ur Cł	naracter	
				Suffix				
Μ	N104	67	Identification			Μ	AN 2/80	
			-	ing a party or other code				_
				S Number or D-U-N-S + 4 Nu	mber			
Μ	N106	98	Entity Identi			Μ	ID 2/3	
				ing an organizational entity, a	physical location	, proj	perty or an	
			individual 40	Receiver				
			40 41	Submitter				
			1 1	Submitter				

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If ein 1 This orga prov 2 N10 N1*SJ*S	Mandatory ory ify a party by typ east one of N102 ther N103 or N1 s segment, used a unizational identi vide a key to the 5 and N106 furth SUPPLIER COM	fication. To obtain this eff	er is required. ficient method of providing ficiency the "ID Code" (N104) must ansaction processing party. y in N101. P1**40
			Data ]	Element Summary	
Μ	Ref. <u>Des.</u> N101	Data <u>Element</u> 98		-	<u>Attributes</u> M ID 2/3
			Code identifyin individual SJ	ng an organizational entity Service Provider Supplier	, a physical location, property or an
М	N102	93	Name	Supplier	M AN 1/60
			Free-form nam	ie	
			Supplier Name		
М	N103	66		Code Qualifier	M ID 1/2
141	11105	00			code structure used for Identification
			1	D-U-N-S Number,	Dun & Bradstreet
			9	D-U-N-S+4, D-U-N Suffix	I-S Number with Four Character
М	N104	67	Identification	Code	M AN 2/80
			Code identifying	ng a party or other code	
			Supplier D-U-2	N-S Number or D-U-N-S -	+ 4 Number
Μ	N106	<b>98</b>	Entity Identif	ier Code	M ID 2/3
			Code identifyin individual 40	ng an organizational entity Receiver	r, a physical location, property or an
			40 41	Submitter	
			41	Submitter	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga	Mandatory ry fy a party by type of east one of N102 or N ther N103 or N104 is segment, used alone nizational identificat	s present, then the other is required. e, provides the most efficient metho ion. To obtain this efficiency the "I	D Code" (N104) must
Notes:			e maintained by the transaction proc lefine the type of entity in N101.	essing party.
Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identifier (	ent Summary Code n organizational entity, a physical lo Consumer Service Provider (CSF Customer	

М

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the **REF** LDC Account Number for Customer Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 070 Page 181 of 241 Loop: N1 Mandatory Level: Heading Usage: Mandatory Max Use: 12 **Purpose:** To specify identifying information At least one of REF02 or REF03 is required. Syntax Notes: 1 If either C04003 or C04004 is present, then the other is required. 2 3 If either C04005 or C04006 is present, then the other is required. Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. **Comments:** Notes: REF\*12\*33445566

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identific	cation Qualifier	<u>Attı</u> M	ributes ID 2/3		
			Code qualifying the	Reference Identification				
			12	Billing Account				
				LDC Account Number for Customer				
Μ	REF02	127	<b>Reference Identifie</b>	cation	Μ	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
			Account Number					

Segment:	${f REF}$ Supplier Account Number for Customer	Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
<b>Position:</b>	070	September 23, 2011 Page 182 of 241
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	<b>1</b> At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is	required.
	<b>3</b> If either C04005 or C04006 is present, then the other is	required.
Semantic Notes:	<b>1</b> REF04 contains data relating to the value cited in REF0	02.
<b>Comments:</b>		
Notes:	REF*11*223344	

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	Ref. <u>Des.</u>	Data <u>Element</u>	Name	ent Summary	Attı	<u>ributes</u>			
Μ	REF01	128	Reference Identifie	cation Qualifier	Μ	ID 2/3			
			Code qualifying the	Reference Identification					
			11	Account Number					
				Supplier Account Number for Customer	r				
Μ	REF02	127	<b>Reference Identifie</b>	cation	Μ	AN 1/30			
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
			Account Number						

	Segment: Position: Loop: Level: Usage: Max Use: Purpose:	070 N1 M Heading Optional 12	Mandatory	Account Number for Custom	Terr Gas Calc I <b>er</b> Resp Sept		and the Gas Cost Recovery Division's First Set o 2011	
	Syntax Notes:	1 At le 2 If eit	east one of RE ther C04003 or	F02 or REF03 is required. r C04004 is present, then the ot r C04006 is present, then the ot				
	Semantic Notes: Comments: Notes:	This segr if they ar		ata relating to the value cited in t the discretion of each LDC. P gment or not.		h your	LDC to see	
		_	Data	a Element Summary				
	Ref. Des.	Data Element	<u>Name</u>			A ttr	ibutes	
Μ	<u>Des.</u> REF01	<u>128</u>		dentification Qualifier			ID 2/3	
				ing the Reference Identification	n			
			45	Old Account Number				
				OLD LDC Account Nu	umber for Cust	omer		
Μ	REF02	127	Reference Id	dentification		Μ	AN 1/30	
			specified by	formation as defined for a parti- the Reference Identification Qu bus account number for the cust	ıalifier	on Set o	or as	

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#### Gas Marketers and the **OTI** Original Transaction Identification Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 010 Page 184 of 241 OTI Loop: Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result Syntax Notes: 1 If OTI09 is present, then OTI08 is required. Semantic Notes: 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set. 2 OTI06 is the group date. 3 OTI07 is the group time. 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver. 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification. 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification. 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.

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8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.

- **9** OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
- **10** OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.
- **Comments:** 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
  - 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
  - 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.
  - Notes: OTI\*TR\*TN\*1999010100001\*\*\*\*\*\*867

#### **Data Element Summary**

	Ref.	Data				
	Des.	Element	Name		Att	<u>ibutes</u>
Μ	<b>OTI01</b>	110	Application A	Application Acknowledgment Code		
			Code indicatin	g the application system edit results of the bu	siness	data
			TR	Transaction Set Reject		
Μ	<b>OTI02</b>	128	<b>Reference Ide</b>	ntification Qualifier	Μ	ID 2/3
			Code qualifyin	g the Reference Identification		
			TN	Transaction Reference Number		
				This data element is populated from the elements of the original transaction: 810 - BIG02 820 - REF02 - Tracking Number 867 - BPT02 248 - BHT03	e follo	wing data
Μ	<b>OTI03</b>	127	<b>Reference Ide</b>		Μ	AN 1/30
				rmation as defined for a particular Transactio e Reference Identification Qualifier	n Set o	or as
			This data elem transaction.	ent is populated from the following data elem	ents o	f the original
Μ	OTI10	143	Transaction S	et Identifier Code	Μ	ID 3/3
MA 924 (00	40100 4 5)			11		June 2, 2000

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Code uniquely identifying a Transaction Set

248	Account Assignment/Inquiry and September 25, 2011			
	Write-off	Page 185 of 241		
810	Invoice			
820	Payment Order/Remittance Advic	ce		
867	Product Transfer and Resale Repo	ort		

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Segment:	<b>REF</b> Reference Identification (Meter Number)	Calculation of Gas Cost Recovery Rat Responses to Division's First Set of D
Position:	020	September 23, 2011 Page 186 of 241
Loop:	OTI Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is a	required.
	<b>3</b> If either C04005 or C04006 is present, then the other is a	required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF0.	2.
<b>Comments:</b>	-	
Notes:	REF*MG*1234567	

			Da	ta Element Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference	Identification Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
IVI	<b>KET UI</b>	120	Kelefence	Identification Quantier	IVI	ID 2/3
			Code qualiz	fying the Reference Identification		
			MG	Meter Number		
	REF02	127	Reference Identification		Х	AN 1/30
				information as defined for a particular Transaction y the Reference Identification Qualifier	n Set o	or as

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Calculation of Gas Cost Recovery Rates
Responses to Division's First Set of Data Requests
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Segment:	TED Technical Error Description	Calculation of Gas Cost Recove Responses to Division's First Se
Position:	070	September 23, 2011 Page 187 of 241
Loop:	TED Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify the error and, if feasible, the erroneous segment,	or data element, or both
Syntax Notes:		
Semantic Notes:		
Comments:	<b>1</b> If used, TED02 will contain a generic description of the number, date, reference number, etc.).	data in error (e.g., part
Notes:	Only one error per inbound transaction is permitted	

TED\*848\*A76

	Ref.	Data		·		
	Des.	Element	Name		Attr	ributes
Μ	TED01	647	Application Error	Condition Code	Μ	ID 1/3
			Code indicating app	plication error condition		
			848	Incorrect Data		
$\mathbf{M}$	TED02	3	Free Form Messag	ge	Μ	AN 1/60
			Free-form text			
			008	Account exists but is not active		
				Valid for 810-S		
				EXAMPLE: Adjustment sent after the been made.	right	off has
			A13	Other		
				Valid for 248, 810, 820, 867		
				See NTE for further definition of error.		
			A74	Energy Supplier account invalid or not		
				Valid for 810-B, 810-S, 867-M, 248, 82	20	
			A76 Utility Account Invalid or Not Found			
				Valid for 810-S, 810-B, 867-M, 248, 82	20	
			CRI	Cross Reference Number Invalid		
				The cross reference number provided o		
			D76	not match the cross reference number of D-U-N-S Number Invalid or Not Found		open 867.
			DIV	Invalid or missing date	1	
			DIV	Valid for 248, 810-B, 820, 867-M		
			FRF	Bill Type Mismatch		
			I'IXI'	An 810 was received by the Billing Par	ty for	a customor
				that is listed as having a different bill o		
			IAA	Invalid Adjustment Amount		
			IAC	Invalid Adjustment Code		
			SUM	Sum of Details does not equal total		
				Valid for 820		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	080 TED Detail Optional 100 To transr instruction <b>1</b> The stand shou	mit information in a free-form format, if necessary, for co on NTE segment permits free-form information/data which idard implementations, is not machine processable. The u uld therefore be avoided, if at all possible, in an automate further describe the status reason code A13 sent in TED0		Responses to I September 23, Page 188 of 24 or comment or s nich, under AN he use of the N nated environm	tions for and the Sas Cost Recovery Rates Division's First Set of Data Requests 2011 1 special SI X12 IFE segment
			Data I	Element Summary		
	Ref.	Data		·		
	Des.	<b>Element</b>	<u>Name</u>			<u>ibutes</u>
Μ	NTE01	363	Note Reference			ID 3/3
			-	ng the functional area or purpose for	which the note	applies
			ADD	Additional Information		
Μ	NTE02	352	Description		Μ	AN 1/80
			A free-form de	scription to clarify the related data e	lements and the	ir content
			<b>Rejection Reas</b>	son Text to define A13 from TED02.		
			METER	Meter Account Mismatch		

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M AN 4/9

Segment:	SE T	ransaction Set Trailer	Calculation of Gas Cost Recovery Responses to Division's First Set
Position:	090		September 23, 2011 Page 189 of 241
Loop:			
Level:	Detail		
Usage:	Mandato	ry	
Max Use:	1		
Purpose:		te the end of the transaction set and provide the c (including the beginning (ST) and ending (SE) s	
Syntax Notes:	•		-
Semantic Notes:			
<b>Comments:</b>	<b>1</b> SE i	s the last segment of each transaction set.	
Notes:	ST*28*0	00001	
		Data Element Summary	
Ref.	Data	Dum Element Summing	
Des.	Element	Name	Attributes
SE01	<u>96</u>	Number of Included Segments	M N0 1/10
		Total number of segments included in a transact segments	ion set including ST and SE

Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

М

Μ

**SE02** 

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## Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

867 Historical Usage Ver/Rel 004010

MA867HU (004010GAS)

## **867 Product Transfer and Resale Report**

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Functional Group ID=**PT** 

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer). Report may be issued by either buyer or seller.

## **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BPT	Beginning Segment for Product Transfer and Resale LOOP ID - N1	М	1	e.	
М	080	N1	LOOP ID - NI LDC	М	1	5	
			LOOP ID - N1			5	
М	080	N1	Supplier	М	1		
			LOOP ID - N1	· ·		5	
М	080	N1	Customer Information on Billing Option	М	1		
М	120	REF	LDC Account Number for Customer	М	12		
М	120	REF	Supplier Account Number for Customer	М	12		
	120	REF	Old LDC Account Number for Customer	0	12		
М	120	REF	Service Type	М	12		

### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PTD			>1	
М	010	PTD	Historical Usage - Metered Services Detail	М	1		
М	030	REF	Service Indicator	Μ	20		
М	030	REF	Designated Receipt Point	М	20		
М	030	REF	LDC Rate Code	М	20		
			LOOP ID - QTY		·	>1	
М	110	QTY	Quantity	М	1		
М	160	MEA	Measurements - Billing Demand	Μ	40		
М	160	MEA	Measurements - Therm Conversion Factor	М	40		
М	160	MEA	Measurements - TCQ	М	40		
М	210	DTM	Service Period Start & End	М	10		

## **Summary:**

	Pos.	Seg.		Req.			Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	<b>Repeat</b>	<b>Comments</b>
Μ	030	SE	Transaction Set Trailer	М	1		

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	Segment:	ST т	ransaction Set Header	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
	Position:	010		September 23, 2011 Page 192 of 241
	Loop:			
	Level:	Heading		
	Usage:	Mandato	ry	
	Max Use:	1		
	Purpose:	To indica	ate the start of a transaction set and to assign a control nu	ımber
	Syntax Notes:			
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translatio change partners to select the appropriate transaction set cts the Invoice Transaction Set).	
	<b>Comments:</b>		,	
	Notes:	ST*867*	00000001	
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	Name	<u>Attributes</u>
Μ	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			867 Product Transfer and Resale Repo	ort
М	ST02	329	Transaction Set Control Number	M AN 4/9
	5202		Identifying control number that must be unique within functional group assigned by the originator for a transa	the transaction set

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates SalResponses to Division's First Set of Data Requests September 23, 2011 Page 193 of 241

	Segment: Position:	<b>BPT</b> 020	Beginning Segme	nt for Product Transfer and Resa	Calculation of Calculation of September 23, Page 193 of 24	Gas Cost Recovery Ra Division's First Set of [ , 2011
	Loop:					
	Level:	Heading				
	Usage: Max Use:	Mandato	ry			
	Purpose:	1 To indice	ate the beginning of t	he Product Transfer and Resale Re	oort Transa	ction Set and
	i ui pose.		identifying data	ne i foudet fransier and Resale Rej		cuon set and
	Syntax Notes:			6 is present, then the other is require	ed.	
	Semantic Notes:		02 identifies the tran			
		<b>2</b> BPT	03 identifies the tran	sfer/resale date.		
			08 identifies the tran			
		4 BPT	09 is used when it is	necessary to reference a Previous F	Report Num	ber.
	Comments:					
	Notes:	BP1*52*	*1999070112300001	*19990701*DD		
			D-4- Flow			
	Ref.	Data	Data Elem	ent Summary		
	Des.	Element	Name		A ##	<u>ributes</u>
Μ	<u>всз.</u> ВРТ01	<u>353</u>	Transaction Set P	urpose Code	M	ID 2/2
				rpose of transaction set		
			52	Response to Historical Inquiry		
			52	Response to a request for historic	al motor ros	ding
ъл	BPT02	127	Reference Identifi			-
Μ	BP102	127			Μ	AN 1/30
				ion as defined for a particular Trans	saction Set (	or as
				ference Identification Qualifier n identification number assigned by	the origin	ator of this
			-	umber must be unique over time.	y the origina	ator or uns
Μ	BPT03	373	Date	under must de unique over unie.	М	DT 8/8
			Date expressed as (	CCYYMMDD		
			The transaction creater application system.	ation date - the date that the data wa	as processed	l by the
Μ	BPT04	755	Report Type Code		Μ	ID 2/2
			Code indicating the	title or contents of a document, rep	oort or supp	orting item
			DD	Distributor Inventory Report		-
				Usage		
				0-		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10	Mandatory ry ify a party by type of east one of N102 or ther N103 or N104 segment, used alor nizational identific ride a key to the tab 5 and N106 further	is present, then the other is requee, provides the most efficient ation. To obtain this efficiency le maintained by the transaction define the type of entity in N1	Responses i September 2 Page 194 of e juired. method of provid the "ID Code" ( on processing par	) nditions for ers and the of Gas Cost Recovery to Division's First Set o 23, 2011 241 ding N104) must	
	Notes:			1*007909411**41 (as Sender) 9*0079094110001**41 (as Ser	nder)		
			Data Ele	ment Summary			
	Ref.	Data					
	Des.	Element	Name			ttributes	
М	N101	98	Entity Identifier	Code	Μ	I ID 2/3	
			Code identifying individual 8S	an organizational entity, a phys Consumer Service Provider	-	operty or an	
			00	LDC			
М	N102	93	Name		Ν	I AN 1/60	
		,,,	Free-form name		141		
			LDC Name				
Л	N102	((		1. 0	N	I ID 1/2	
Μ	N103	66	Identification Co	-	M	, _	
			Code designating Code (67)	the system/method of code stru		dentification	
			1	D-U-N-S Number, Dun &			
			9	D-U-N-S+4, D-U-N-S Nun Suffix	nber with Four (	Character	
Μ	N104	67	Identification Co	ode	Μ	I AN 2/80	
			Code identifying	a party or other code			
			LDC DUNS num	ber with or without the +4.			
Μ	N106	<b>98</b>	Entity Identifier	Code	Μ	I ID 2/3	-
			•	an organizational entity, a phys	sical location, pr		

	Segment: Position: Loop:	<b>N1 s</b> 080 N1 N	<b>upplier</b> ⁄Iandatory				nditions for Irs and the of Gas Cost Recovery o Division's First Set c (3, 2011	
	Loop: Level:	Heading	vialidatory					
	Usage:	Mandato	ry					
	Max Use:	1						
	Purpose:				organization, name, and code			
	Syntax Notes:		east one of N102		-			
	Semantic Notes:	2 If eit	ther N103 or N1	04 1S	present, then the other is required.			
	Comments:	1 This	segment, used a	alone.	provides the most efficient method	l of provid	ling	
	Notes:	prov 2 N10 N1*SJ*E	ide a key to the 5 and N106 furt SP COMPANY	table her de /*9*0	on. To obtain this efficiency the "II maintained by the transaction proc efine the type of entity in N101. 079094220001**40 (as Receiver) 07909422**40 (as Receiver)			
			Data l	Eleme	ent Summary			
	Ref.	Data			•			
	Des.	<u>Element</u>	Name		_		tributes	
Μ	N101	98	Entity Identif			. M	12 1,0	
			Code identifyin individual SJ	ng an	organizational entity, a physical lo Service Provider	cation, pro	operty or an	
			20		Supplier			
М	N102	93	Name		~ <b>0FF</b>	М	AN 1/60	
			Free-form nam	ne				
			Supplier name					
Μ	N103	66	Identification		e Oualifier	Μ	ID 1/2	
					e system/method of code structure	used for I	dentification	
			1		D-U-N-S Number, Dun & Bradstr	reet		
			9		D-U-N-S+4, D-U-N-S Number w Suffix	ith Four C	Character	
Μ	N104	67	Identification	Code		Μ	AN 2/80	
			Code identifying	ng a p	party or other code			
			Supplier DUN	S nun	nber with or without +4.			
М	N106	<b>98</b>	Entity Identif	ier Co	ode	Μ	ID 2/3	
			Code identifyin individual 40	ng an	organizational entity, a physical lo Receiver	cation, pro	operty or an	

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Segment:	<b>N1</b> c	Customer Informatio	n on Billing Option	Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data F
Position:	080			September 23, 2011 Page 196 of 241
Loop:	N1 N	Mandatory		
Level:	Heading			
Usage:	Mandato	ory		
Max Use:	1			
Purpose:	To identi	ify a party by type of	organization, name, and code	
Syntax Notes:		east one of N102 or N	-	
•	2 If eit	ther N103 or N104 is	present, then the other is required	1.
Semantic Notes:				
Comments: Notes:	orga prov	nizational identificati vide a key to the table	, provides the most efficient meth on. To obtain this efficiency the maintained by the transaction pro- efine the type of entity in N101.	"ID Code" (N104) must
Ref.	Data	Data Elemo	ent Summary	
Des.	Element	Name		Attributes
N101	98	Entity Identifier C	ode	M ID 2/3
		·	organizational entity, a physical	location, property or an
		8R	Consumer Service Provider (CS	SP) Customer

М

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Segment:	<b>REF</b> LDC Account Number for Customer	Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data
Position:	120	September 23, 2011 Page 197 of 241
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	<b>3</b> If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in RE	F02.
<b>Comments:</b>		
Notes:	REF*12*1239485790	

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ident	ification Qualifier	<u>Attr</u> M	ributes ID 2/3
			Code qualifying	the Reference Identification		
			12	Billing Account		
				LDC Company -assigned account numl use customer.	ber foi	r the end
Μ	REF02	127	<b>Reference Ident</b>	ification	Μ	AN 1/30
				nation as defined for a particular Transaction Reference Identification Qualifier	n Set o	or as

Docket 4270 Terms & Conditions for Gas Marketers and the **REF** Supplier Account Number for Customer Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 120 Page 198 of 241 Loop: N1 Mandatory Level: Heading Usage: Mandatory Max Use: 12 **Purpose:** To specify identifying information At least one of REF02 or REF03 is required. Syntax Notes: 1 If either C04003 or C04004 is present, then the other is required. 2 3 If either C04005 or C04006 is present, then the other is required. Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. **Comments:** Notes: REF\*11\*1394959

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М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identif	-	<u>Attı</u> M	ributes ID 2/3
			Code qualifying the	ne Reference Identification		
			11	Account Number		
				Supplier assigned account number for t customer.	he en	d use
Μ	REF02	127	<b>Reference Identif</b>	fication	Μ	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Account Number			

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Docket 4270	
Terms & Conditions	for
Gas Marketers and	the
Calculation of Gas C	Cost Recovery Rates
Responses to Divisi	on's First Set of Data Requests
September 23, 2011	
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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	120 N1 M Heading Optional 12 To specifi 1 At le 2 If eit 3 If eit 1 REF This segu	Mandatory fy identifying east one of RE ther C04003 of ther C04005 of 04 contains d ment is used a	EF02 or REF03 is required. or C04004 is present, then the other is r or C04006 is present, then the other is r lata relating to the value cited in REF02 at the discretion of each LDC. Please c	Responses to I September 23, Page 199 of 24 required. required. 2.	Gas Cost Recovery Ra Division's First Set of I , 2011 41
	Ref.	•	*1234567	egment or not. <b>Ta Element Summary</b>		
	Des.	Element	<u>Name</u>		A ##1	<u>ributes</u>
М	<u>Des.</u> REF01	<u>128</u>		dentification Qualifier		ID 2/3
	•_			ying the Reference Identification		
			45	Old Account Number		
				LDC's previous account num	ber for the custo	omer
М	REF02	127	Reference I	dentification		AN 1/30
			Reference in specified by	nformation as defined for a particular T the Reference Identification Qualifier tous account number for the customer.	Transaction Set of	

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Segment:	<b>REF</b> Service Type	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	120	September 23, 2011 Page 200 of 241
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	<b>3</b> If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	<b>1</b> REF04 contains data relating to the value cited in RE	F02.
<b>Comments:</b>		
Notes:	REF*QY*GAS	

			Data ER	inchi Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identi	ification Qualifier	<u>Attı</u> M	ributes ID 2/3
			Code qualifying t	he Reference Identification		
			QY	Service Performed Code		
				Commodity		
Μ	REF02	127	<b>Reference Identi</b>	ification	Μ	AN 1/30
				ation as defined for a particular Transaction Reference Identification Qualifier Gas Service	n Set (	or as

	Segment: Position: Loop:	PTC 010 PTD	Historical Usage - Metered Services Detail Mandatory	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Reques September 23, 2011 Page 201 of 241
	Level:	Detail	in an and in the second s	
	Usage:	Mandato	ry	
	Max Use:	1		
	Purpose:		ate the start of detail information relating to the tradentifying data	ansfer/resale of a product and
	Syntax Notes:		ther PTD02 or PTD03 is present, then the other is ther PTD04 or PTD05 is present, then the other is	
	Semantic Notes: Comments:			
		The PTD required	l if providing Historical Usage by meter. loop is required if there are metered services on for each meter. 1***MG*1234568	the account. One PTD loop is
			Data Element Summary	
м	Ref. Des.	Data <u>Element</u>	Name	<u>Attributes</u>
Μ	PTD01	521	Product Transfer Type Code	M ID 2/2
			Code identifying the type of product transfer	_
			PM Physical Meter Information Meter Services Detail	1
М	PTD04	128	Reference Identification Qualifier	M ID 2/3
IVI	11004	120	Code qualifying the Reference Identification	<b>IVI ID</b> 2/5
			MG Meter Number	
М	PTD05	127	Reference Identification	M AN 1/30
М	PTD05	127		
Μ	PTD05	127	Reference Identification Reference information as defined for a particula specified by the Reference Identification Qualifi Meter Number	r Transaction Set or as

<b>REF</b> Service Indicator	Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
030	September 23, 2011 Page 202 of 241
PTD Mandatory	
Detail	
Mandatory	
20	
To specify identifying information	
<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is</li> <li>If either C04005 or C04006 is present, then the other is</li> <li>REF04 contains data relating to the value cited in REF0</li> </ol>	required.
REF*17*D REF*17*N	
Data Element Summary Data Element Name	Attributes
	030 PTD Mandatory Detail Mandatory 20 To specify identifying information 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is 3 If either C04005 or C04006 is present, then the other is 1 REF04 contains data relating to the value cited in REF0 REF*17*D REF*17*N Data Element Summary

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Μ REF01 128 **Reference Identification Qualifier** M ID 2/3 Code qualifying the Reference Identification 17 **Client Reporting Category** Used as an identifier for the type of Distribution Service to be provided to the Customer in conjunction with Supplier Services. Μ **REF02** 127 **Reference Identification** M AN 1/30 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier D Daily Metered Distribution Service Ν Non Daily Metered Distribution Service

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Segment:	<b>REF</b> Designated Receipt Point	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Dat
Position:	030	September 23, 2011 Page 203 of 241
Loop:	PTD Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	20	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is a	required.
	<b>3</b> If either C04005 or C04006 is present, then the other is a	required.
Semantic Notes:	<b>1</b> REF04 contains data relating to the value cited in REF02	2.
<b>Comments:</b>		
Notes:	REF*SPL*1234567	

м	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	ication Qualifier	_	<u>ributes</u> ID 2/3
171	NLI VI	120		e Reference Identification	1.1	10 2/3
			SPL	Standard Point Location Code (SPLC)		
				City Gate		
Μ	REF02	127	<b>Reference Identifi</b>	ication	Μ	AN 1/30
				tion as defined for a particular Transaction reference Identification Qualifier	Set	or as
			City Gate			

Segment: Position:	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 204 of 241					
Loop:	PTD Mandatory					
Level:	Detail					
Usage:	Mandatory					
Max Use:	20					
Purpose:	To specify identifying information					
Syntax Notes:	1 At least one of REF02 or REF03 is required.					
	2 If either C04003 or C04004 is present, then the other is required.					
	<b>3</b> If either C04005 or C04006 is present, then the other is required.					
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.					
<b>Comments:</b>	-					
Notes:	REF*NH*A20					

## REF\*NH\*A20

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	cation Qualifier Reference Identification	<u>Attı</u> M	<u>ributes</u> ID 2/3
			NH	Rate Card Number Identifies a LDC rate class or tariff		
М	REF02	127		cation ion as defined for a particular Transactior ference Identification Qualifier	M Set o	<b>AN 1/30</b> or as

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	110 QTY Detail Mandato 1 To speci 1 At 1 2 Onl 1 QTY Each QT interval. QTY*Q	fy quantity inf east one of QT y one of QTY( Y04 is used wh TY/MEA/DTM	Formation YO2 or QTY04 is required. 2 or QTY04 may be present. then the quantity is non-numeric. I loop conveys consumption informat shows usage of 22348 Therms shows 0 usage	Responses to I September 23, Page 205 of 24	and the Gas Cost Recovery Rates Division's First Set of Data Requests 2011 1
				a Element Summary		
М	Ref. <u>Des.</u> QTY01	Data <u>Element</u> 673	<u>Name</u> Quantity Qu		<u>Attr</u> M	<u>tibutes</u> ID 2/2
			KA	Estimated		
				Quantity is estimated		
			QD	Quantity Delivered Quantity is actual		
	QTY02	380	Quantity		0	R 1/15
			Numeric val	ue of quantity		
			This is the q	uantity measured in therms.		
Μ	QTY03	C001	Composite V	Unit of Measure	Μ	
			of use)	a composite unit of measure (See Fig		or examples
Μ	C00101	355	Unit or Basi	is for Measurement Code	Μ	ID 2/2
				ving the units in which a value is bein surement has been taken Therms	g expressed, or n	nanner in
	<b>QTY04</b>	61	Free-Form	Message	0	AN 1/30
	-		Free-form in	-		
			NV	Usage is 0		

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>160</li> <li>QTY</li> <li>Detail</li> <li>Mandato</li> <li>40</li> <li>To speci:</li> <li>and weig</li> <li>1 At let</li> <li>2 If M</li> <li>3 If M</li> <li>4 If M</li> <li>5 Only</li> <li>1 MEz</li> <li>1 Whet any negative</li> </ul>	A Measurements - Billing Demand Mandatory Ty Ty Ty Ty physical measurements or counts, includ hts (See Figures Appendix for example of east one of MEA03 MEA05 MEA06 or ME EA05 is present, then MEA04 is required. EA06 is present, then MEA04 is required. EA07 is present, then MEA04 is required. EA07 is present, then at least one of MEA03 one of MEA08 or MEA03 may be present A04 defines the unit of measure for MEA03 n citing dimensional tolerances, any measu measurement where a positive (+) value can tive (-) value and MEA06 as the positive (- F**100*TD	Ca Re Se Pa Ling dimensions, Tuse of C001) EA08 is required 03 MEA05 or M t. 3, MEA05, and T Irement requiring nnot be assumed	esponses to I eptember 23, age 206 of 24 , toleranco I. IEA06 is MEA06. ng a sign (	Sas Cost Recovery Rate Division's First Set of Da 2011 es, variances, required.
	Ref.	Data	Data Element Summary			
	Des.	Element	Name		Δttr	<u>ributes</u>
Μ	<u>Des.</u> MEA01	737	Measurement Reference ID Code			ID 2/2
			Code identifying the broad category to wh	hich a measuren	nent appli	ies
			AF Actual Total		11	
			Used for demand on	ly		
Μ	MEA03	739	Measurement Value		Μ	R 1/20
			The value of the measurement			
			Billing Demand			
Μ	MEA04	C001	Composite Unit of Measure		Μ	
			To identify a composite unit of measure (	(See Figures Ap	pendix fo	or examples
			of use)			
Μ	C00101	355	Unit or Basis for Measurement Code			ID 2/2
			Code specifying the units in which a value which a measurement has been taken TD Therms	e is being expre	essed, or n	nanner in

Segment: Position: Loop: Level: Usage: Max Use: Purpose:	160 QTY Detail Mandato 40 To specif	A Measurements - Therm Conversion Factor Mandatory ry by physical measurements or counts, including dimension ths (See Figures Appendix for example of use of CO	Responses to September 23 Page 207 of 2 sions, tolerance	litions for s and the Gas Cost Recovery Rates Division's First Set of Data Requests , 2011 41
Syntax Notes:		ast one of MEA03 MEA05 MEA06 or MEA08 is rec		
Syntax motes:		EA05 is present, then MEA04 is required.	lunea.	
		EA06 is present, then MEA04 is required.		
		EA07 is present, then at least one of MEA03 MEA05	or MEA06 is	required.
		one of MEA08 or MEA03 may be present.		•
Semantic Notes:		A04 defines the unit of measure for MEA03, MEA05,		
<b>Comments:</b>		n citing dimensional tolerances, any measurement rec		
		measurement where a positive (+) value cannot be ass	sumed, use M	EA05 as the
	nega MEA*Cl	tive (-) value and MEA06 as the positive (+) value.		
Notes:	MEA*CI	····14		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		ributes
MEA01	737	Measurement Reference ID Code	Μ	ID 2/2
		Code identifying the broad category to which a mea	surement appl	ies
		CF Conversion Factor		
MEA03	739	Measurement Value	Μ	R 1/20
		The value of the measurement		
		Used for the Therm Conversion Factor value		

Μ

М

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>160</li> <li>QTY</li> <li>Detail</li> <li>Mandato</li> <li>40</li> <li>To specifiand weig</li> <li>1 At let</li> <li>2 If M</li> <li>3 If M</li> <li>4 If M</li> <li>5 Only</li> <li>1 MEA</li> <li>1 Whete any for the second s</li></ul>	fy physical measurer ghts (See Figures Age east one of MEA03 I EA05 is present, the EA06 is present, the EA07 is present, the y one of MEA08 or I A04 defines the unit en citing dimensiona measurement where	ments or counts, including dimension opendix for example of use of C001 MEA05 MEA06 or MEA08 is required on MEA04 is required. Of MEA04 is required. Of measure of MEA03 MEA05 of MEA03 may be present. Of measure for MEA03, MEA05, a I tolerances, any measurement require a positive (+) value cannot be assu	Responses to September 23, Page 208 of 24 ons, toleranc ) ired. or MEA06 is nd MEA06. iring a sign	Gas Cost Recovery Rate Division's First Set of Da 2011 41 es, variances, required. (+ or -), or
	Notes:		T*MX*12	EA06 as the positive (+) value.		
			Data Elen	nent Summary		
	Ref.	Data				
	Des.	Element				ributes
Μ	MEA01	737	Measurement Ref		Μ	ID 2/2
			Code identifying the	ne broad category to which a measu	rement appl	ies
			DT	Dimensional Tolerance		
Μ	MEA02	738	Measurement Qu	alifier	Μ	ID 1/3
			Code identifying a measurement appli EX	specific product or process charact es Eccentricity	eristic to wh	ich a
				This code is used to show the cus TCQ.	stomer is exe	empt from
			MX	Maximum		
Μ	MEA03	739	Measurement Val		Μ	R 1/20
			The value of the m	easurement		
			TCQ			

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Segment:	DTM Service Period Start & End	Calculation of Gas Cost Recovery Rat Responses to Division's First Set of D
Position:	210	September 23, 2011 Page 209 of 241
Loop:	QTY Mandatory	1 490 200 01 211
Level:	Detail	
Usage:	Mandatory	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
-	2 If DTM04 is present, then DTM03 is required.	
	3 If either DTM05 or DTM06 is present, then the other is a	required.
Semantic Notes:		
<b>Comments:</b>		
Notes:	DTM*150*19990901	
	DTM*151*19990930	
	Data Element Summary	

			Data	Element Builliary		
	Ref. Des.	Data Element	Name		Attı	ributes
Μ	<b>DTM01</b>	374	Date/Time Q	ualifier	Μ	ID 3/3
			Code specifyi	ng type of date or time, or both date and time		
			150	Service Period Start		
			151	Service Period End		
Μ	<b>DTM02</b>	373	Date		Μ	DT 8/8
			Date expresse	ed as CCYYMMDD		

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Segment:	SE Transaction Set Trailer	Calculation of Gas Cos Responses to Division's
Position:	030	September 23, 2011 Page 210 of 241
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count segments (including the beginning (ST) and ending (SE) segm	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>	<b>1</b> SE is the last segment of each transaction set.	
Notes:	SE*28*00000001	

М	Ref. <u>Des.</u> SE01	Data <u>Element</u> 96	<u>Name</u> Number of Included Segments	<u>Attr</u> M	<u>ributes</u> N0 1/10	
М	SE02	329	Total number of segments included in a transaction set incluses segments <b>Transaction Set Control Number</b>	ding S M	T and SE AN 4/9	
			Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction			

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# Massachusetts Gas Implementation Guideline

# **E**lectronic **D**ata **I**nterchange

TRANSACTION SET

867 Monthly Usage Ver/Rel 004010

MA867MU (004010GAS)

## **867 Product Transfer and Resale Report**

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Functional Group ID=**PT** 

#### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer). Report may be issued by either buyer or seller.

#### **Heading:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BPT	Beginning Segment for Product Transfer and Resale	М	1		
М	080	N1	LOOP ID - N1 LDC	М	1	5	
М	080	N1	LOOP ID - N1 Supplier	М	1	5	
141	000	NI	LOOP ID - N1		1	5	
М	080	N1	Customer Information on Billing Option	М	1		
М	120	REF	LDC Account Number for Customer	М	12		
М	120	REF	Supplier Account Number for Customer	М	12		
	120	REF	Old LDC Account Number for Customer	0	12		
М	120	REF	Billing Option	М	12		
Μ	120	REF	Service Type	М	12		

#### **Detail:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID - PTD	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u> >1	Notes and Comments
М	010	PTD		М	1	>1	
			Billing Usage - Metered Services Detail		1		
М	020	DTM	Current Meter Read Start & End Date + Exchange Date	М	10		
М	020	DTM	Next Scheduled Read Date	М	10		
М	030	REF	Service Indicator	М	20		
М	030	REF	LDC Rate Code	М	20		
Must Use	030	REF	Number of Dials	0	20		
			LOOP ID - QTY		_	>1	
М	110	QTY	Quantity	М	1		
М	160	MEA	Measurements - Billing Demand	М	40		
М	160	MEA	Measurements - Therm Conversion Factor	М	40		
	160	MEA	Measurements - Meter Multiplier	0	40		
	160	MEA	Measurements - Meter Readings	0	40		
			LOOP ID - PTD			>1	
М	010	PTD	Billing Usage - Unmetered Services Detail	М	1		
М	020	DTM	Current Meter Read Start & End Date	М	10		
1406714	TT (0040		2				I 0 0000

М	020 030	DTM REF	Next Scheduled Read Date	O M	10 20	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011
			LOOP ID - QTY			Page 213 of 241
М	110	QTY	Quantity	М	1	
М	160	MEA	Measurements - Therm Conversion Factor	М	40	

#### Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des. Ma	ax.Use	Repeat	<b>Comments</b>
Μ	030	SE	Transaction Set Trailer	М	1		

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	Segment:	ST т	ransaction Set Header	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
	Position:	010		September 23, 2011 Page 214 of 241
	Loop:			
	Level:	Heading		
	Usage:	Mandato	ry	
	Max Use:	1		
	Purpose:	To indica	ate the start of a transaction set and to assign a control nu	ımber
	Syntax Notes:			
	Semantic Notes:	inter	transaction set identifier (ST01) is used by the translatio change partners to select the appropriate transaction set ets the Invoice Transaction Set).	
	<b>Comments:</b>			
	Notes:	ST*867*	00000001	
			Data Element Summary	
	Ref.	Data		
	Des.	<b>Element</b>	Name	<u>Attributes</u>
Μ	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			867 Product Transfer and Resale Repo	ort
М	ST02	329	Transaction Set Control Number	M AN 4/9
TAT	5102	547		
			Identifying control number that must be unique within	
			functional group assigned by the originator for a transa	ction set

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	020 Heading Mandato 1 To indica transmit 1 If eit 1 BPT 2 BPT 3 BPT 4 BPT 4 BPT 8PT*00 <sup>3</sup> BPT*00 <sup>3</sup> BPT*01 <sup>3</sup> If BPT01	ry ate the beginning of t identifying data ther BPT05 or BPT00 02 identifies the tran 03 identifies the tran 08 identifies the tran 09 is used when it is *199902010001*199 *199902020001*199 *199902020001*199 = '01' (Cancellation	sfer/resale date. sfer/resale time. necessary to reference a Previous R 90131*DD	port Transac	and the Gas Cost Recovery R Division's First Set of 2011 the extion Set and ber.
			Data Elem	ent Summary		
	Ref.	Data		·	A 44-	-1
М	<u>Des.</u> BPT01	Element 353	<u>Name</u> Transaction Set P	urpose Code		<u>ributes</u> ID 2/2
111		000		urpose of transaction set		10 2/2
			00	Original		
			00	Conveys original readings for the	account he	inσ
				reported		ing
			01	Cancellation		
				Indicates that the readings previou account are to be cancelled.	sly reporte	d for the
Μ	BPT02	127	<b>Reference Identifi</b>		Μ	AN 1/30
				ion as defined for a particular Trans	action Set of	or as
				ference Identification Qualifier on identification number assigned by	the origing	tor of this
				umber must be unique over time. The		
				the 810 billing document.		ii be used us
Μ	BPT03	373	Date	<u> </u>	Μ	DT 8/8
			Date expressed as C	CCYYMMDD		
			The transaction crea	ation date - the date that the data wa	s processed	l by the
			application system.			
Μ	BPT04	755	Report Type Code			ID 2/2
			e	e title or contents of a document, rep	ort or suppo	orting item
			DD	Distributor Inventory Report		
				Usage		
	BPT07	306	Action Code		0	ID 1/2
			Code indicating typ			
			F	Final		
				Code to indicate this is the final us	-	-
				for this customer. Either the custo with the LDC or the customer swi		
	ВРТ09	127	<b>Reference Identifi</b>		0	AN 1/30
			Reference informat	ion as defined for a particular Trans	action Set (	
			specified by the Re	ference Identification Qualifier		
				(cancel), this element is required if i		
				l should contain the transaction iden action that is being cancelled.	uncation n	under from
			Di 102 of the trailse	action that is soning currented.		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Heading Mandato 1 To identi 1 At le 2 If eit 1 This orga prov 2 N10 N1*8S*I	Mandatory ry fy a party by type of east one of N102 or 1 ther N103 or N104 i segment, used along nizational identifica ide a key to the table 5 and N106 further of LDC COMPANY*1	s present, then the other is required e, provides the most efficient methor tion. To obtain this efficiency the " e maintained by the transaction pro define the type of entity in N101. *007909411**41 (as Sender)	Responses to September 23, Page 216 of 24 od of providi ID Code" (N	itions for and the Gas Cost Recovery Rates Division's First Set of Data Requests 2011 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		N1*8S*I	LDC COMPANY*9	*0079094110001**41 (as Sender)		
		_	Data Elen	nent Summary		
	Ref.	Data			• • •	<b></b>
	Des.	Element	Name			ributes
М	N101	98	Entity Identifier			ID 2/3
				n organizational entity, a physical l	ocation, proj	perty or an
			individual	Commune Commine Drassider (CC)	D)	
			8S	Consumer Service Provider (CS)	P)	
	N100	02	<b>N</b> T	LDC		
Μ	N102	93	Name		Μ	AN 1/60
			Free-form name			
			LDC Name			
Μ	N103	66	Identification Co	de Qualifier	Μ	ID 1/2
			Code designating t Code (67)	he system/method of code structure	e used for Ide	entification
			1	D-U-N-S Number, Dun & Brads	street	
			9	D-U-N-S+4, D-U-N-S Number	with Four Ch	naracter
				Suffix		
Μ	N104	67	Identification Co		Μ	AN 2/80
			Code identifying a	party or other code		
			LDC DUNS numb	er with or without the +4.		
М	N106	<b>98</b>	Entity Identifier	Code	Μ	ID 2/3
			Code identifying a individual 41	n organizational entity, a physical l Submitter	ocation, proj	perty or an

	Segment: Position: Loop: Level: Usage:	N1 s 080 N1 M Heading Mandato	Mandatory		Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 217 of 241
	Max Use:	1			
	Purpose:			type of organization, name, and	d code
	Syntax Notes:			02 or N103 is required.	
	Comontio Notore	2 If eit	ther N103 or N	N104 is present, then the other	is required.
	Semantic Notes: Comments:	1 This	segment used	d alone, provides the most effi	cient method of providing
	Notes:	orga prov 2 N10 N1*SJ*F	nizational ider ide a key to th 5 and N106 fu ESP COMPAN	ntification. To obtain this efficient the table maintained by the transition of the type of entity and the type of	tiency the "ID Code" (N104) must saction processing party. in N101. s Receiver)
		NI*SJ*E	ESP COMPAN	VY*1*007909422**40 (as Rec	ceiver)
			Data	a Element Summary	
	Ref.	Data	2	,	
	Des.	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Μ	N101	98	Entity Ident	tifier Code	M ID 2/3
				ying an organizational entity,	a physical location, property or an
			individual		
			SJ	Service Provider	
				Supplier	
Μ	N102	93	Name		M AN 1/60
			Free-form na		
			Supplier nam	ne	
Μ	N103	66	Identificatio	on Code Qualifier	M ID 1/2
			Code designa Code (67)		de structure used for Identification
			1	D-U-N-S Number, D	
			9	Suffix	S Number with Four Character
Μ	N104	67	Identificatio		M AN 2/80
			•	ying a party or other code	
			Supplier DU	NS number with or without +4	4.
Μ	N106	<b>98</b>	<b>Entity Ident</b>	tifier Code	M ID 2/3
			Code identify individual 40	ying an organizational entity, a Receiver	a physical location, property or an

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Segment:		Customer Informat	ion on Billing Option	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da September 23, 2011
Position:	080			Page 218 of 241
Loop:		Mandatory		
Level:	Heading			
Usage:	Mandato	ory		
Max Use:	1			
Purpose:	To identi	ify a party by type o	f organization, name, and code	
Syntax Notes:	1 At le	east one of N102 or	N103 is required.	
	2 If eit	ther N103 or N104 i	is present, then the other is requ	iired.
Semantic Notes:				
Comments:	orga prov	nizational identification identification a key to the table	e, provides the most efficient n ation. To obtain this efficiency t e maintained by the transaction define the type of entity in N10	he "ID Code" (N104) must processing party.
Notes:	N1*8R			
<b>D</b> .4		Data Eler	nent Summary	
Ref.	Data	<b>N</b> .7		A <b>17</b>
Des.	<u>Element</u>			<u>Attributes</u>
N101	98	Entity Identifier	Code	M ID 2/3
		Code identifying a individual	n organizational entity, a physi	cal location, property or an
		8R	Consumer Service Provider	(CSP) Customer

М

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Segment:	${f REF}$ LDC Account Number for Customer	Calculation of Gas Cost Recovery Rat Responses to Division's First Set of Da
<b>Position:</b>	120	September 23, 2011 Page 219 of 241
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	<b>3</b> If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REI	F02.
<b>Comments:</b>		
Notes:	REF*12*1239485790	

			Data	Element Summary		
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ide	entification Qualifier	<u>Attı</u> M	<u>ributes</u> ID 2/3
			Code qualifyi	ng the Reference Identification		
			12	Billing Account		
				LDC Company -assigned account num	iber fo	r the end
				use customer.		
Μ	REF02	127	Reference Id	entification	Μ	AN 1/30
			specified by the	ormation as defined for a particular Transaction he Reference Identification Qualifier	on Set o	or as
			Account Num	ıber		

Docket 4270 Terms & Conditions for Gas Marketers and the **REF** Supplier Account Number for Customer Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 120 Page 220 of 241 Loop: N1 Mandatory Level: Heading Usage: Mandatory Max Use: 12 **Purpose:** To specify identifying information Syntax Notes: At least one of REF02 or REF03 is required. 1 If either C04003 or C04004 is present, then the other is required. 2 3 If either C04005 or C04006 is present, then the other is required. Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. **Comments:** Notes: REF\*11\*1394959

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М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identif	-	<u>Attı</u> M	ributes ID 2/3
			Code qualifying the	ne Reference Identification		
			11	Account Number		
				Supplier assigned account number for t customer.	he en	d use
Μ	REF02	127	<b>Reference Identif</b>	fication	Μ	AN 1/30
			specified by the R	ation as defined for a particular Transaction eference Identification Qualifier	n Set o	or as
			Account Number			

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Calculation of Gas C	ost Recovery Rates
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	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	120 N1 M Heading Optional 12 To specifi 1 At le 2 If eit 3 If eit 1 REF This segu	Mandatory fy identifying east one of RE ther C04003 of ther C04005 of 04 contains d ment is used a	Account Number for Customer information EF02 or REF03 is required. or C04004 is present, then the other is r or C04006 is present, then the other is r ata relating to the value cited in REF02 at the discretion of each LDC. Please ci egment or not.	Responses to I September 23, Page 221 of 24 Pequired. Pequired. 2.	Gas Cost Recovery Ra Division's First Set of I 2011 41
	Ref.	•	*1234567	a Element Summary		
	Des.	<u>Element</u>	Name			<u>ributes</u>
Μ	REF01	128		dentification Qualifier	М	ID 2/3
				ying the Reference Identification		
			45	Old Account Number		
				LDC's previous account numb	per for the custo	omer.
Μ	REF02	127	Reference I	dentification	Μ	AN 1/30
			specified by	nformation as defined for a particular T the Reference Identification Qualifier ous account number for the customer.	ransaction Set o	or as

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M AN 1/30

Segment:	<b>REF</b> Billing Option	Gas Marketers and the Calculation of Gas Cost Recovery Ra Responses to Division's First Set of I
Position:	120	September 23, 2011 Page 222 of 241
Loop:	N1 Mandatory	-
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is re-	quired.
	<b>3</b> If either C04005 or C04006 is present, then the other is re-	quired.
Semantic Notes:	<b>1</b> REF04 contains data relating to the value cited in REF02.	
<b>Comments:</b>		
Notes:	REF*BLT*DUAL	
	REF*BLT*LDC	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	<u>Attributes</u>
REF01	128 Reference Identification Qualifier	M ID 2/3
	Code qualifying the Reference Identification	

Billing Type

specified by the Reference Identification Qualifier

See REF02 for valid values.

Reference information as defined for a particular Transaction Set or as

known as Passthrough

Identifies whether the bill is consolidated by the LDC or ESP, or whether each party will render their own bill.

Each party bills the customer for their portion - also

The LDC bills the customer for the distribution and supplier charges - also known as Complete Billing

BLT

DUAL

LDC

**Reference Identification** 

1	١	4	1	r	
J	N	Y.		L	

REF02

127

М

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Segment:	<b>REF</b> Service Type	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	120	September 23, 2011 Page 223 of 241
Loop:	N1 Mandatory	9
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other	is required.
	<b>3</b> If either C04005 or C04006 is present, then the other	is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in RE	EF02.
<b>Comments:</b>		
Notes:	REF*QY*GAS	

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attr	<u>ributes</u>
Μ	REF01	128	<b>Reference Identifie</b>	cation Qualifier	Μ	ID 2/3
			Code qualifying the	e Reference Identification		
			QY	Service Performed Code		
				Commodity		
Μ	REF02	127	<b>Reference Identifie</b>	cation	Μ	AN 1/30
				ion as defined for a particular Transaction ference Identification Qualifier Gas Service	Set o	or as

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	010 PTD Detail Mandato 1 To indica provide i <b>1</b> If eit <b>2</b> If eit	Mandatory ry ate the start of deta dentifying data ther PTD02 or PT ther PTD04 or PT	<b>Metered Services Detail</b> ail information relating to the transfer, D03 is present, then the other is requi D05 is present, then the other is requi	Responses to I September 23, Page 224 of 24 /resale of a p red.	itions for and the Gas Cost Recovery R Division's First Set of 2011 1	
	Notes:		ervices Detail				
		required	for each meter or I***MG*1234568			PTD loop is	
	Ref.	Data	Data El	ement Summary			
	Des.	Element	Name		Attr	ributes	
Μ	PTD01	<u>521</u>	Product Transf	er Type Code		ID 2/2	
				the type of product transfer			
			PM	Physical Meter Information			
				Meter Services Detail			
Μ	PTD04	128	Reference Ident	tification Qualifier	М	ID 2/3	
				the Reference Identification			
			MG	Meter Number			
Μ	PTD05	127	Reference Ident	lification	М	AN 1/30	
			Reference inform	nation as defined for a particular Tran	saction Set of	or as	
				Reference Identification Qualifier			
			Meter Number				

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	Segment:	DTN	Current Ma	eter Read Start & End Date + Exchar	Gas Marketers and the Calculation of Gas Cost Recovery Rate
	Position:	020		tel Reau Start & Ellu Date + Exchar	September 23, 2011
	Loop:	PTD	Mandatory		Page 225 of 241
	Level:	Detail	Wandatory		
	Usage:	Mandato	rv		
	Max Use:	10	5		
	<b>Purpose:</b>	To specif	fy pertinent dates	s and times	
	Syntax Notes:	1 At le	east one of DTM	02 DTM03 or DTM05 is required.	
				then DTM03 is required.	
		3 If ei	ther DTM05 or I	OTM06 is present, then the other is requ	iired.
	Semantic Notes:				
	Comments:	0.1			
	Notes:	•		DTM*151 is required.	
			50*19990101		
			51*19990131		
				tart of Meter Read	
		DTM*51	14*19990115 - E	xchange Meter Read Date	
		DTM*51	1/*10000115 E	xchange Meter Read Date	
				nd of Meter Read	
	Ref.	Data	Data E	Element Summary	
	Des.	Element	Name		Attributes
Μ	DTM01	374	Date/Time Qu	alifier	M ID 3/3
			Code specifying	g type of date or time, or both date and	time
			150	Service Period Start	
			151	Service Period End	
			514	Transferred	
				Exchanged meter read date	
Μ	<b>DTM02</b>	373	Date	<u> </u>	M DT 8/8
			Date expressed	as CCYYMMDD	
			r-		

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Segment:	${f DTM}$ Next Scheduled Read Date	Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data
Position:	020	September 23, 2011 Page 226 of 241
Loop:	PTD Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	3 If either DTM05 or DTM06 is present, then the other is r	equired.
Semantic Notes:		
<b>Comments:</b>		
Notes:	DTM*634*19990617	

#### DTM\*634\*19990617

Data Element S	Summary
----------------	---------

Μ	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifie	r		ributes ID 3/3
			Code specifying typ 634	e of date or time, or both date and time Next Review Date		
				Next meter read date		
Μ	DTM02	373	<b>Date</b> Date expressed as C	CYYMMDD	Μ	DT 8/8

Segment: Position: Loop: Level: Usage:	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 227 of 241 PTD Mandatory Detail Mandatory
Max Use:	20
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	<ul> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ul>
Semantic Notes:	<b>1</b> REF04 contains data relating to the value cited in REF02.
<b>Comments:</b>	
Notes:	REF*17*D

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ident	ification Qualifier the Reference Identification	<u>Attı</u> M	<u>ibutes</u> ID 2/3
			17	Client Reporting Category		
				Used as an identifier for the type of Di to be provided to the Customer in conj Supplier Services.		
Μ	REF02	127	<b>Reference Ident</b>	ification	Μ	AN 1/30
				ation as defined for a particular Transactic Reference Identification Qualifier Daily Metered Distribution Service Non Daily Metered Distribution Service		or as

Segment: Position: Loop: Level: Usage:	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 PTD Mandatory Detail Mandatory
Max Use:	20
<b>Purpose:</b>	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes: Comments:	<ul> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ul>
Notes:	REF*NH*RS1

### REF\*NH\*RS1

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ident	ification Qualifier the Reference Identification	<u>Attı</u> M	ributes ID 2/3
			NH	Rate Card Number		
				Identifies a LDC rate class or tariff		
Μ	REF02	127	<b>Reference Ident</b>	ification	Μ	AN 1/30
				nation as defined for a particular Transaction Reference Identification Qualifier	n Set (	or as

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	030 PTD Detail Optional 20 To specif <b>1</b> At le <b>2</b> If eit <b>3</b> If eit <b>1</b> REF	Number of Dials Mandatory (Must Use) y identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required of contains data relating to the value cited in REF02.	Responses to September 2 Page 229 of 2	ditions for s and the Gas Cost Recovery R Division's First Set of 3, 2011	
М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Data Element Summary         Name Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Number of dials on the meter.		ributes ID 2/3	
Μ	REF02	127	Reference Identification Reference information as defined for a particular Tran specified by the Reference Identification Qualifier Number of Dials	M saction Set	<b>AN 1/30</b> or as	

Docket 4270 Terms & Conditions for Gas Marketers and the QTY Quantity Calculation of Gas Cost Recovery Rates Segment: Responses to Division's First Set of Data Requests September 23, 2011 **Position:** 110 Page 230 of 241 Loop: QTY Mandatory Level: Detail Usage: Mandatory Max Use: 1 **Purpose:** To specify quantity information At least one of QTY02 or QTY04 is required. Syntax Notes: 1 Only one of QTY02 or QTY04 may be present. 2 Semantic Notes: 1 QTY04 is used when the quantity is non-numeric. **Comments:** Notes: QTY\*QD\*22348\*TD shows usage of 22348 Therms

Attachment DIV 1-19

#### **Data Element Summary**

shows 0 usage

QTY\*QD\*\*TD\*NV

	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Attı	ributes
Μ	QTY01	673	Quantity Qualifie	r	Μ	ID 2/2
			Code specifying th	e type of quantity		
			KA	Estimated		
				Quantity is estimated		
			QD	Quantity Delivered		
				Quantity is actual		
Μ	QTY02	380	Quantity		Μ	R 1/15
			Numeric value of a	quantity		
			This is the total bil	ling units in therms.		
Μ	QTY03	C001	Composite Unit o	f Measure	Μ	
			To identify a comp of use)	posite unit of measure (See Figures Appen	dix fo	or examples
			Note this is a comp	posite data element, populate C00101		
Μ	C00101	355	Unit or Basis for I	Measurement Code	Μ	ID 2/2
			Code specifying th which a measurem TD	e units in which a value is being expressed ent has been taken Therms	l, or r	nanner in
	QTY04	61	Free-Form Messa	ige	0	AN 1/30
			Free-form informa	tion		
			No measurable usa	age to report.		
			NV	No Value		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 231 of 241

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>160</li> <li>QTY</li> <li>Detail</li> <li>Mandato</li> <li>40</li> <li>To speci:</li> <li>and weig</li> <li>1 At let</li> <li>2 If M</li> <li>3 If M</li> <li>4 If M</li> <li>5 Only</li> <li>1 MEz</li> <li>1 Whet any negative</li> </ul>	A Measurements - Billing Demand Mandatory ry fy physical measurements or counts, including d hts (See Figures Appendix for example of use of east one of MEA03 MEA05 MEA06 or MEA08 EA05 is present, then MEA04 is required. EA06 is present, then MEA04 is required. EA07 is present, then ALEA04 is required. EA07 is present, then at least one of MEA03 M v one of MEA08 or MEA03 may be present. A04 defines the unit of measure for MEA03, ME en citing dimensional tolerances, any measurement measurement where a positive (+) value cannot tive (-) value and MEA06 as the positive (+) value F**100*TD	Responses to September 23 Page 231 of 2 Page 231 of 2 of C001) is required. EA05 or MEA06 is EA05, and MEA06. ent requiring a sign be assumed, use MI	Gas Cost Recovery Rate Division's First Set of Dar , 2011 41 ces, variances, e required. (+ or -), or
	10005		100 12		
			Data Element Summary		
	Ref. Des.	Data <u>Element</u>	Name	A ++	<u>ributes</u>
М	<u>Des.</u> MEA01	737	Measurement Reference ID Code	M	ID 2/2
			Code identifying the broad category to which a	a measurement app!	lies
			AF Actual Total	T T	
			Used for demand only		
Μ	MEA03	739	Measurement Value	М	R 1/20
			The value of the measurement		
			Billing Demand		
Μ	MEA04	C001	Composite Unit of Measure	М	
			To identify a composite unit of measure (See	Figures Appendix f	or examples
			of use)	• •	-
Μ	C00101	355	Unit or Basis for Measurement Code		ID 2/2
			Code specifying the units in which a value is b which a measurement has been taken TD Therms	eing expressed, or i	manner in

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>160</li> <li>QTY</li> <li>Detail</li> <li>Mandator</li> <li>40</li> <li>To specification</li> <li>To specification</li> <li>To specification</li> <li>To specification</li> <li>At let 1</li> <li>MEA</li> <li>When any participation</li> </ul>	y physical measurements or counts, including dime hts (See Figures Appendix for example of use of C ast one of MEA03 MEA05 MEA06 or MEA08 is re EA05 is present, then MEA04 is required. EA06 is present, then MEA04 is required. EA07 is present, then at least one of MEA03 MEA0 one of MEA08 or MEA03 may be present. A04 defines the unit of measure for MEA03, MEA00 n citing dimensional tolerances, any measurement r neasurement where a positive (+) value cannot be a	Responses t September 2 Page 232 of ensions, toleran 001) equired. 05 or MEA06 i 5, and MEA06 requiring a sign	nditions for rs and the of Gas Cost Recovery Rates o Division's First Set of Data Requests 3, 2011 241 cces, variances, s required. (
Notes:	MEA*CH	tive (-) value and MEA06 as the positive (+) value.		
10005		Data Element Summary		
Ref.	Data			
Des.	Element	Name		tributes
MEA01	737	Measurement Reference ID Code		ID 2/2
MEA03	739	Code identifying the broad category to which a me CF Conversion Factor Measurement Value The value of the measurement Used for the Therm Conversion Factor value		olies [ <b>R 1/20</b>

М

М

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 233 of 241

Segment:	MEA Measurements - Meter Multiplier	Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data
Position:	160	September 23, 2011 Page 233 of 241
Loop:	QTY Mandatory	-
Level:	Detail	
Usage:	Optional	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dim and weights (See Figures Appendix for example of use of	
Syntax Notes:	<ol> <li>At least one of MEA03 MEA05 MEA06 or MEA08 is</li> <li>If MEA05 is present, then MEA04 is required.</li> <li>If MEA06 is present, then MEA04 is required.</li> <li>If MEA07 is present, then at least one of MEA03 MEA</li> <li>Only one of MEA08 or MEA03 may be present.</li> </ol>	required.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA	05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement any measurement where a positive (+) value cannot be negative (-) value and MEA06 as the positive (+) value	requiring a sign (+ or -), or assumed, use MEA05 as the
Notes:	Used for a Meter Multiplier or a Constant	
	MEA**MU*10	

			Data Element Buinnary	
	Ref. <u>Des.</u>	Data Element	Name	Attributes
Μ	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic measurement applies MU Multiplier	to which a
Μ	MEA03	739	Measurement Value	O R 1/20
			The value of the measurement	
			Represents the meter constant when MEA02 equals "MU". is present, use a value of 1.	When no multiplier

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 234 of 241

Segment:	MEA Measurements - Meter Readings	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	160	September 23, 2011 Page 234 of 241
Loop:	QTY Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dime and weights (See Figures Appendix for example of use of C	
Syntax Notes:	<ol> <li>At least one of MEA03 MEA05 MEA06 or MEA08 is 1</li> <li>If MEA05 is present, then MEA04 is required.</li> <li>If MEA06 is present, then MEA04 is required.</li> <li>If MEA07 is present, then at least one of MEA03 MEA</li> <li>Only one of MEA08 or MEA03 may be present.</li> </ol>	
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA0	
Comments:	1 When citing dimensional tolerances, any measurement any measurement where a positive (+) value cannot be a negative (-) value and MEA06 as the positive (+) value.	assumed, use MEA05 as the
Notes:	Used to supply meter readings	
	MEA****HH*12345*12445*57	

		Data Eltin	int Summary			
Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>		Attr	<u>ributes</u>	
MEA04	C001	Composite Unit of	Measure	Х		
		To identify a compo	site unit of measure (See Figures Append	lix fo	or examples	
		of use)				
C00101	355	Unit or Basis for M	leasurement Code	0	ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in				
		which a measurement				
		HH	Hundred Cubic Feet			
MEA05	740	Range Minimum		Х	R 1/20	
		The value specifying	g the minimum of the measurement range			
		Beginning Reading				
MEA06	741	Range Maximum		0	R 1/20	
		The value specifying the maximum of the measurement range				
		Ending reading				
<b>MEA07</b>	935	Measurement Sign	ificance Code	0	ID 2/2	
		Code used to benchi	nark, qualify or further define a measurer	nent	value	
		NOTE: Other codes	s (as identified by UIG) can be used to ide	ntify	quantities	
		measured by the me	ter, but should not be used to identify tari	ffed/o	calculated	
		measurements.				
		51	Total			
			Readings Cross Summer and Winter			
		57	Boarded or Blocked Up			
			Summer			
		58	Planned			
			Winter			

Segment:	<b>PTD</b> Billing Usage - Unmetered Services Detail	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests
Position:	010	September 23, 2011 Page 235 of 241
Loop:	PTD Mandatory	1 490 200 01 211
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of detail information relating to the tran provide identifying data	sfer/resale of a product and
Syntax Notes:	<ol> <li>If either PTD02 or PTD03 is present, then the other is r</li> <li>If either PTD04 or PTD05 is present, then the other is r</li> </ol>	
Semantic Notes: Comments:		
Notes:	Unmetered Services Detail	
	The PTD loop is required if there are unmetered services or unmetered service is lights. PTD*BD	the account. The only
	Data Element Summary	
Ref.	Data	
Des.	Element Name	<u>Attributes</u>
M PTD01	521 Product Transfer Type Code	M ID 2/2
	Code identifying the type of product transfer	
	BD Issue - Other Department	
	Unmetered Services Detail	

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Segment:	DTM Current Meter Read Start & End Date	Calculation of Gas Cost Recovery Ra Responses to Division's First Set of I
Position:	020	September 23, 2011 Page 236 of 241
Loop:	PTD Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	<b>3</b> If either DTM05 or DTM06 is present, then the other is a	equired.
Semantic Notes:		
<b>Comments:</b>		
Notes:	DTM*150*19990101	

#### DTM\*151\*19990131

			D	ata Element Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		Attr	ibutes
Μ	DTM01	374	Date/Tim	e Qualifier	Μ	ID 3/3
			Code spec	cifying type of date or time, or both date and time		
			150	Service Period Start		
			151	Service Period End		
Μ	<b>DTM02</b>	373	Date		Μ	DT 8/8
			Date expr	essed as CCYYMMDD		

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 237 of 241

Segment:	DTM Next Scheduled Read Date	Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Dat
Position:	020	September 23, 2011 Page 237 of 241
Loop:	PTD Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	<b>3</b> If either DTM05 or DTM06 is present, then the other is re	equired.
Semantic Notes: Comments:		
Notes:	DTM*634*19990617	

Μ	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifie	er	<u>Attı</u> M	<u>ributes</u> ID 3/3
			Code specifying typ 634	e of date or time, or both date and time Next Review Date		
				Next meter read date		
Μ	DTM02	373	Date		Μ	DT 8/8
			Date expressed as C	CYYMMDD		

Segment: Position:	Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 238 of 241
Loop:	PTD Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	20
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
<b>Comments:</b>	-
Notes:	REF*NH*A20

#### REF\*NH\*A20

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Identifi	cation Qualifier Reference Identification	<u>Attı</u> M	<u>ributes</u> ID 2/3
			NH	Rate Card Number Identifies a LDC rate class or tariff		
М	REF02	127		cation ion as defined for a particular Transactior ference Identification Qualifier	M Set o	<b>AN 1/30</b> or as

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	110 QTY Detail Mandato 1 To specir 1 At le 2 Only 1 QTY	fy quantity info east one of QTY y one of QTY02 (04 is used whe	Y02 or QTY04 2 or QTY04 m en the quantity		L T G G F S S F		tions for and the Sas Cost Recovery F Division's First Set of 2011	
	1100000	-	A*22348*TD		-	r			
				shows 0 usag					
	Ref.	Data		Element Sun					
	Des.	<u>Element</u>	Name				Attr	ibutes	
Μ	QTY01	<u>673</u>	Quantity Qu	alifier				ID 2/2	
	C C			ng the type of	quantity				
			KA	Estima	1 2				
				Ouant	ity is estimated				
М	QTY02	380	Quantity		5		Μ	R 1/15	
	C C		Numeric valu	e of quantity					
					ption quantity per	in therms.			
М	QTY03	C001	-	nit of Measu			Μ		
	-		-		t of measure (See	e Figures A	ppendix fo	or examples	
			Note this is a	composite dat	a element, popula	ate C00101			
М	C00101	355	Unit or Basis	for Measure	ment Code		Μ	ID 2/2	
				ng the units in urement has b Therm		being expre	essed, or n	nanner in	
	<b>QTY04</b>	61	Free-Form M	Iessage			X	AN 1/30	
			Free-form inf	ormation					
			No measurabl	le usage to rep	ort.				
			NV	No Va	lue				

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 240 of 241

Segment:	MEA Measurements - Therm Conversion Factor	Gas Marketers and the Calculation of Gas Cost Recovery Rate Responses to Division's First Set of Da
Position:	160	September 23, 2011 Page 240 of 241
Loop:	QTY Mandatory	1 age 240 61 241
Level:	Detail	
Usage:	Mandatory	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dimens and weights (See Figures Appendix for example of use of CO	
Syntax Notes:	<ol> <li>At least one of MEA03 MEA05 MEA06 or MEA08 is req.</li> <li>If MEA05 is present, then MEA04 is required.</li> <li>If MEA06 is present, then MEA04 is required.</li> <li>If MEA07 is present, then at least one of MEA03 MEA05</li> <li>Only one of MEA08 or MEA03 may be present.</li> </ol>	uired.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05,	and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement rea any measurement where a positive (+) value cannot be ass negative (-) value and MEA06 as the positive (+) value.	
Notes:	MEA*CF**14****51	
	Data Element Summary	
Ref.	Data	

Μ	Des. MEA01	Element 737	<u>Name</u> Measurement Ref	erence ID Code	<u>Attı</u> M	<u>ributes</u> ID 2/2		
			Code identifying th	ne broad category to which a measurement	appl	ies		
			CF	Conversion Factor				
Μ	MEA03	739	Measurement Val	ue	Μ	R 1/20		
			The value of the m	easurement				
			Used for the Thern	n Conversion Factor value				
Μ	MEA07	935	Measurement Sig	nificance Code	Μ	ID 2/2		
			Code used to benchmark, qualify or further define a measurement value					
				NOTE: Other codes (as identified by UIG) can be used to identify quantities measured by the meter, but should not be used to identify tariffed/calculated				
			measurements.					
			51	Total				
				Crosses Winter and Summer				
			57	57 Boarded or Blocked Up				
				Summer				
			58	Planned				
				Winter				

Attachment DIV 1-19 Docket 4270 Terms & Conditions for Gas Marketers and the Calculation of Gas Cost Recovery Rates Responses to Division's First Set of Data Requests September 23, 2011 Page 241 of 241

SE Transaction Set Trailer	Calculation of Gas Cos Responses to Division's
030	September 23, 2011 Page 241 of 241
Summary	
Mandatory	
1	
1	
<b>1</b> SE is the last segment of each transaction set.	
SE*28*00000001	
	Summary Mandatory 1 To indicate the end of the transaction set and provide the count segments (including the beginning (ST) and ending (SE) segme 1 SE is the last segment of each transaction set.

Μ	Ref. <u>Des.</u> SE01	Data <u>Element</u> 96	<u>Name</u> Number of Included Segments	<u>Attı</u> M	<u>ributes</u> N0 1/10
Μ	SE02	329	Total number of segments included in a transaction set inclu segments <b>Transaction Set Control Number</b>	ding S M	ST and SE AN 4/9
			Identifying control number that must be unique within the tr functional group assigned by the originator for a transaction		ion set

#### Request:

Re: page 9, lines 14-15, of witness Bauer's Direct Testimony, please:

- a. Provide the amount billed for the current fiscal year to date and for each of the last three fiscal years for switching services.
- b. Document the costs to the Company to administer:
  - i. Transfers of customers from sales service to transportation service
  - ii. Transfers of customers from transportation service to sales service
  - iii. Transfers of transportation service customers between gas marketers

#### Response:

- a. There have been no switching fees for Rhode Island Gas Transportation accounts for the last three years.
- b. (i) through (iii)

The current costs to manually process change requests equates to approximately one-third (1/3) Full Time Equivalent person. This estimate does not account for future changes resulting from the expansion of the program to include the small commercial rate class.

#### Request:

Re: page 9, lines 15-17, of witness Bauer's Direct Testimony, please:

- a. Quantify in dollar terms the savings from elimination of internal labor needed to manage the changes process that is expected with implementation of EDI.
- b. Provide the data, studies, documents, and analyses upon which the Company relies to support the assertion that the change fee prevents customers from shopping for the best deal for their gas supply arrangements.
- c. To the extent savings result from the implementation of EDI and/or the elimination of the \$50 fee, how and when would those savings be reflected in rates?
- d. Does the Company agree that, except for a comparatively limited number large or extra large C&I customers for whom the \$50 fee would represent a small portion of their annual costs for gas services, most transportation service customers tend to sign gas supply contracts for periods of one-year or longer.

#### Response:

- a. The estimated labor savings based on one third (1/3) FTE saving would be approximately \$33,000 annually.
- b. While no studies have been conducted, the annual costs savings to small and medium commercial customers are not large. The switching fee acts as a barrier to the small customer's ability to shop and achieve savings. In addition, EDI is a far more efficient method of switching customers and the cost per switch is significantly less than the \$50 charge.
- c. Based on previous history, savings would be negligible if at all. For example, in the past year of 27 customer switches that occurred, only two customers have switched during that time to multiple Suppliers.
- d. The Company has no basis to agree or disagree with the statement since the contract is between the customer and the Marketer.

#### Request:

Re: page 10, lines 1, of witness Bauer's Direct Testimony, please indicate whether representatives of the Division and the Commission would be invited to participate in the planned meetings with Marketers, and if not, please explain the Company's rationale for excluding the Division and the Commission from such discussions.

#### Response:

Yes. The Company will extend an invitation to the Division staff and the Commission Staff of any future collaborative meetings with the Marketers and would welcome any input from these parties into the collaborative process.

#### Request:

Re: page 10, lines 6-10, of witness Bauer's Direct Testimony, please:

- a. Explain why the elimination of grandfathered paths is necessary;
- b. Identify the compensation, if any, the Company proposes to pay to Marketers who are economically disadvantaged by the elimination of grandfathered paths; and
- c. Demonstrate through examples how this change will allow Marketers "to better predict what capacity they will end up with."

#### Response:

- a. Eliminating grandfathering and prorating the available capacity across all participating marketers provides for a more level playing field for all participants.
- b. No compensation has been anticipated or was requested at the collaborative meetings.
- c. Please see Attachment DIV 1-23.

#### Request:

Re: page 10, lines 11-14, of witness Bauer's Direct Testimony, please provide a detailed explanation of what the Company believes would constitute "a failure to pay for supply needed by its customers" and what opportunities the Company would provide a Marketer to remedy such a situation before the Marketer would be disqualified.

#### Response:

This testimony refers to the Marketer's monthly charges for storage, peaking and imbalance. If the Marketer became delinquent in their payments, they would be notified of possible termination if it was not rectified within a ten day cure period.

#### Request:

Re: page 11, lines 3-9, of witness Bauer's Direct Testimony, please provide a comparison of the storage service terms and conditions in each of the jurisdictions in which National Grid offers such services which highlights commonalities and differences among those jurisdictions.

#### Response:

In New York, in both the KEDNY and KEDLI service territories storage is sold to the Marketers as a bundled city gate sale, priced at the average cost of gas in storage plus applicable variable, fixed and demand costs plus carrying charges. Niagara Mohawk currently requires Marketers to inject into physical storage. Massachusetts service territories offer a hybrid approach with a combination of bundled city gate sales and release of physical storage.

#### Request:

Re: page 11, lines 3-9, of witness Bauer's Direct Testimony, please provide the information, data, studies and rationales upon which the Company would rely to conclude that the storage service offered in RI is:

- a. More expensive for marketers than the storage services in the other jurisdictions in which National Grid provides gas transportation services;
- b. More administratively burdensome for the Company than the storage services in the other jurisdictions in which National Grid provides gas transportation services, and if so, provide quantification of the added costs incurred in RI; and
- c. Inferior to the storage services in the other jurisdictions in which National Grid provides gas transportation services in terms of protection of firm gas sales service customer's interests.

#### Response:

- a. There was no claim in the cited testimony that the storage service offered in Rhode Island is more expensive then that in other jurisdictions.
- b. Please see the Company's response to DIV 1-4 (c) and (d).
- c. There was no claim in the cited testimony that the storage service offered in Rhode Island is inferior to the storage service in other jurisdictions.

#### Request:

Re: page 11, line 12-15, of witness Bauer's Direct Testimony, please:

- a. Quantify the referenced reductions in administrative costs:
  - i. For the Company
  - ii. For Marketers
- b. Explain in detail the meaning of the phrase "less prone to compliance issues;" and
- c. Explain why compliance is not something that should be encouraged from the perspective of customers who either do not have transportation service options or who choose to use the Company's gas sales services.
- d. Provide the documents, data, studies and analyses upon which the Company relies to support the assertion that the program it's proposes in this proceeding will "ultimately increase competition" in RI.

#### Response:

- a.
- i. Under the proposed filing, the Company will not incur the labor cost of processing enrollments, drops, usage information and historical information. The Company will also not need to manually track Marketers injections and withdrawals from storage which could no longer be managed in the antiquated LCDM system. See the Company's Response to DIV 1-4 (d).
- ii. Under the proposed filing, Marketers would no longer have to manually fax National Grid requests for switches, drops, usage information and historical information. Marketers would also no longer be burdened with over delivering gas during the summer for winter use and the tracking of that gas
- b. See the Company's Response to DIV 1-4 (d). While the Company takes very seriously it compliance obligations, the introduction of manual workarounds into a process that can be unified and simplified, increases the opportunity for possible non-compliance with specific tariff provisions.
- c. The Company takes its compliance option very seriously and agrees that it should be required of all customers. Eliminating complex processes and developing

#### Division 1-27 (continued)

simplified and unified processes decreases the likelihood that the Company, a customer or Marketer may inadvertently be in non-compliance with a specific tariff provision.

d. No competitive studies were conducted; however, the very fact that during the collaborative discussions with the Rhode Island Marketers they requested that the tariff be simplified and are willing to increase their own marketing efforts to serve an additional rate class is strong evidence of increasing competition in the Rhode Island marketplace.

#### Request:

Re: page 12, lines 11-18, of witness Bauer's Direct Testimony, given that the Company's proposals in this proceeding were not filed until August 1, 2011 is it reasonable to assume that Marketers have already begun nominating storage for withdrawal in the coming winter. If not, please explain why.

#### Response:

Marketers were advised not to deliver into storage pending a decision by the Rhode Island Commission on this filing. If a Commission decision is delayed or the proposed tariff is significantly modified or not approved, the Company would sell the Marketers the storage they require.

#### Request:

Please identify each of the changes in Marketer terms and conditions and other changes proposed by the Company in this proceeding that would apply directly to or otherwise affect the Company's Non-Firm gas transportation service customers in RI.

#### Response:

The only change to the Company's non-firm gas transportation program is the threshold for participation. In addition, FT-1 transportation service is no longer available to new customers classified as medium.

#### Request:

Please provide a comparison of the percentage of non-residential customers in Rhode Island that use transportation service with comparable percentages for customers in National Grid's service territories in other jurisdictions in which National Grid offers gas transportation services.

#### Response:

See chart below.

			AS OF Way 201	1		
Firm Gas Migration (annual)						
Company	Firm Transport Customers	Total Firm Customers	Firm Transport % Customers	Firm Transportation Load (Annual Dth)	Total Annual Firm Throughput	Firm Transport % Load
Niagara						
Mohawk	139,219	589,360	23.62%	22,235,820	74,497,437	29.85%
KEDNY	217,434	1,197,853	18.15%	48,272,449	130,029,422	37.12%
KEDLI	65,373	488,852	13.37%	31,447,077	85,087,448	36.96%
KEDNE (Mass)	11,462	838,476	1.37%	30,561,023	184,027,850	16.61%
KEDNE (NH)	1,525	85,882	1.78%	7,092,894	21,607,388	32.83%
Rhode Island	1,805	248,809	0.73%	10,490,233	35,827,420	29.28%
TOTAL	436,818	3,449,232	12.66%	150,099,495	531,076,966	28.26%

As of May 2011

Non-Firm Gas Migration (annual)