

**Massachusetts
Gas
Implementation
Guideline**

For
Electronic Data Interchange

TRANSACTION SET

814

Change

Request and Response

Ver/Rel 004010

814 General Request, Response or Confirmation

Functional Group ID=**GE**

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:

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

Detail:

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

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate 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).

Comments:

Notes:

Request: Required
 Response: Required
 ST*814*000000001

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			814 General Request, Response or Confirmation	
M	ST02	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	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response Signifies that the requested service will be addressed as described in this transaction. 13 Request	M ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier On the request, this is a unique transaction identification number assigned by the originator of this transaction. On the response, the tracking number from the request is echoed back in this BGN02.	M AN 1/30
M	BGN03	373	Date Date expressed as CCYYMMDD The transaction creation date - the date that the data was processed by the sender's application system.	M DT 8/8

Segment: N1 LDC
Position: 040
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.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Notes: Request: Required
 Response: Required
 N1*8S*LDC COMPANY*1*007909411**40 (as Receiver)
 N1*8S*LDC COMPANY*9*0079094110001**40 (as Receiver)
 N1*8S*LDC COMPANY*1*007909411**41 (as Sender)
 N1*8S*LDC COMPANY*9*0079094110001**41 (as Sender)

Data Element Summary

Ref.	Data Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			8S Consumer Service Provider (CSP)	
			LDC	
M	N102	93	Name	M AN 1/60
			Free-form name	
			LDC Company Name	
M	N103	66	Identification Code Qualifier	M ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
M	N104	67	Identification Code	M AN 9/13
			Code identifying a party or other code	
			This is the LDC's DUN & Bradstreet Number with or without the +4.	
M	N106	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			40 Receiver	
			41 Submitter	

Segment: N1 Supplier
Position: 040
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.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: Request: Required
 Response: 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 Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SJ Service Provider	
			Supplier	
M	N102	93	Name	M AN 1/60
			Free-form name	
			This is the Supplier's name.	
M	N103	66	Identification Code Qualifier	M ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
M	N104	67	Identification Code	M AN 9/13
			Code identifying a party or other code	
			This is the DUN & Bradstreet Number with or without the +4.	
M	N106	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			40 Receiver	
			41 Submitter	

Segment: **LIN** Item Identification

Position: 010

Loop: LIN 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:

Comments:

- 1 LIN01 is the line item identification
- 2 See the Data Dictionary for a complete list of IDs.
- 3 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*CE199912310800000001*SH*GAS*SH*CE (Supplier Services)

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	LIN01	350	Assigned Identification	M AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			On the request, this is a unique tracking number. Only one LIN loop per transaction.	
M	LIN02	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	LIN03	234	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.	
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)	

Segment: **ASI** Action or Status Indicator

Position: 020

Loop: LIN Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To indicate the action to be taken with the information provided or the status of the entity described

Syntax Notes:

Semantic Notes:

Comments:

Notes:

Request: Required
Response: Required
ASI*WQ*001 - (814CC - Successful)
ASI*U*001 - (814ER - Reject)
ASI*7*001 - (814CS & 814CL)

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ASI01	306	Action Code Code indicating type of action 7 Request U Reject WQ Accept	M ID 1/2
M	ASI02	875	Maintenance Type Code Code identifying the specific type of item maintenance 001 Change	M ID 3/3

Segment: **REF** **Reject Reasons**
Position: 030
Loop: LIN Mandatory
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 REF02.

Comments:
Notes:

Request: Not Used
 Response: Required for Error Response
 REF*7G*DIV (example only)

Data Element Summary

Ref.	Data Element	Name	Attributes
M	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		7G Data Quality Reject Reason	
M	REF02	127 Reference Identification	M AN 3/3
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		008 Account exists but is not active	
		A13 Other - see REF03	
		A76 Account not found	
		ABN Duplicate request received	
		ACI Action Code (ASI01) Invalid	
		ANL Service provider not licensed to provide requested service	
		C11 Change Reason (REF*TD) Missing or Invalid	
		FRB Incorrect Billing Option (REF*BLT) Requested	
		MNM The meter number does not match any meter associated with the account	
		UND Cannot identify ESP	
		UNE Cannot identify LDC	
		W05 Requested Rate not found (Complete Billing)	
	REF03	352 Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	
		Used to further describe the status reason code sent in REF02.	
		DRP Invalid Designated Receipt Point	

Segment: **REF** LDC Company - Reason for Change
Position: 030
Loop: LIN Mandatory
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 REF02.

Comments:
Notes:

Request: Required on Request from LDC if Change is at an Account Level
 Response: Not Used
 REF*TD*REF12

Data Element Summary

	<u>Ref.</u>	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier		M ID 2/3
				Code qualifying the Reference Identification	
				TD Reason for Change	
M	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	
				NM1MA Meter Addition	
				NM1MR Meter Removal	
				NM1MX Meter Exchange	
				REF12 Change LDC Account Number for Customer	
				REFBF Change LDC Billing Cycle	
				REFMT Change Total Capacity Quantity	
				REFNH Change Utility Rate Class or Tariff	
				REFSPL Change Designated Receipt Point	

Segment: **REF** Supplier - Reason for Change
Position: 030
Loop: LIN Mandatory
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 REF02.

Comments:
Notes: Request: Required on Request from Supplier if Change is at an Account Level
Response: Not Used
REF*TD*REFBLT

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TD Reason for Change	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AMTTA Change Sales Tax Indicator REF11 Change Supplier Account Number REF17 Change Service Indicator REFBLT Change Billing Type (Billing Option) REFPG Change Public Aggregator REFPL Change Supplier Rate Code 2 REFPR Change Supplier Rate Amount REFRB Change Supplier Rate Code 1	M AN 1/30

Segment: **REF** Supplier Account Number for Customer
Position: 030
Loop: LIN 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 REF02.

Comments:
Notes:

Request: Required if previously sent by supplier
Response: Required if previously sent by supplier
REF*11*2348400586

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			11 Account Number	
			Supplier assigned account number for end use customer	
M	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	

Segment: **REF** LDC Account Number for Customer
Position: 030
Loop: LIN 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 REF02.

Comments:
Notes: Request: Required
Response: Required
REF*12*2931839200

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account LDC Company assigned account number for end use customer	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Account Number	M AN 1/30

Segment: **REF** Old LDC Account Number for Customer
Position: 030
Loop: LIN Mandatory
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 REF02.
Comments:
Notes: This segment is used at the discretion of each LDC. Please check with your LDC to see if they are using this segment or not.
REF*45*1105687500

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 45 Old Account Number LDC Company previous account number for the end use customer.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LDC's previous account number for the customer.	M AN 1/30

Segment: **REF** LDC Billing Cycle
Position: 030
Loop: LIN Mandatory
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 REF02.

Comments:
Notes: Request: Optional
Response: Not Used
REF*BF*15

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BF Billing Center Identification Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LDC Billing Cycle Number	M AN 1/2

Segment: **REF** Billing Option
Position: 030
Loop: LIN Mandatory
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 REF02.

Comments:
Notes: Request: Optional
Response: Not Used
REF*BLT*LDC

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BLT Billing Type Identifies whether the bill is consolidated by the Distribution Company or whether each party will render their own bill. See REF02 for valid values.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DUAL Each party bills the customer for its portion - also known as Passthrough LDC The Distribution Company bills the customer for both Distribution and Supplier Service Charges - also known as Complete Billing.	M AN 3/4

Segment: **NM1** Meter/Unmetered Information
Position: 080
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 required.
 2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.
Notes:

Request: Required
 Response: Required
 NM1*MR*3*****32*1234568
 NM1*MA*3*****93*UNMETERED
 NM1*MX*3*****32*334545

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	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
M	NM102	1065	Entity Type Qualifier	M ID 1/1
			Code qualifying the type of entity	
			3 Unknown	
M	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").
M	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.	

On a meter removal, the meter number for the meter being removed will be provided in this NM109.

Segment: **REF** Old Meter Number
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: Only used when NM1*MX is used exchanging a meter. This would present the "old meter" being replaced.
REF*46*9938526S

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 46 Old Meter Number	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Old Meter Number	M AN 1/30

Segment: **REF** LDC Rate Code
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: Request: Optional
Response: Not Used
REF*NH*RS1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification NH Rate Card Number Identifies a Distribution rate class or tariff	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LDC Rate Code	M AN 1/30

Segment: **REF** Supplier Rate Code 1
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: This is only used when complete billing is chosen.
REF*RB*A29

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification RB Rate code number Supplier Rate Code for the customer	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Supplier Rate Code	M AN 1/30

Segment: **REF** Supplier Rate Code 2
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: This is only used when complete billing is chosen.
REF*PL*A20

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PL Price List Number Used to indicate a second price code for a Supplier account.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Secondary Rate Code for Supplier	M AN 1/30

Segment: **REF** Supplier Rate Amount
Position: 130
Loop: NM1 Mandatory
Level: Detail
Usage: Optional (Dependent)
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 REF02.
Comments:
Notes: This is only used when complete billing is chosen. This segment is used at the discretion of each LDC. Please check with your LDC to see if they are using this segment or not. This segment is only used when Supplier Rate Code 1 is used.
REF*PR*.0350

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PR Price Quote Number Identifies a unit pricing category under a rate code	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Supplier Rate Amount Example: .0350 for 3.5 cents	M AN 1/30

Segment: **REF** Designated Receipt Point
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes:

Request: Optional
Response: Not Used
REF*SPL*1234567

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			SPL	Standard Point Location Code (SPLC)
			City gate number	
M	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	
			City gate number	

Segment: **REF** Service Indicator
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes:

Request: Optional
 Response: Not Used
 REF*17*D
 REF*17*N

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	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.	
M	REF02	127	Reference Identification	M AN 1/5
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			D Daily Metered Distribution Service	
			N Non Daily Metered Distribution Service	

Segment: **REF** Sales Tax Indicator
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: This is only used on complete billing for sales tax on the supplier side.
REF*TX*1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TX Tax Exempt Number Indicates if the service is taxable or exempt.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 0 Tax exempt 1 100% taxable	M AN 1/5

Segment: **REF** Total Capacity Quantity (in therms)
Position: 130
Loop: NM1 Mandatory
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 REF02.

Comments:
Notes: Request: Optional
Response: Not Used
REF*MT*T*14

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by this meter and the interval between measurements.	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier T Indicates the measurement is in therms	M AN 1/5
M	REF03	352	Description A free-form description to clarify the related data elements and their content Total therms (Gas)	M AN 1/80

Segment: **DTM** Meter Status Date

Position: 140

Loop: NM1 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.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

This is used to indicate a meter change date.

DTM*MRR*19990101

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			MRR Meter Reading	
			Used to indicate the date of a meter change, addition, etc.	
M	DTM02	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	

Segment: **SE** Transaction Set Trailer
Position: 150
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes:

Request: Required
 Response: Required
 SE*28*00000001

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	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	M AN 4/9