New York Implementation Standard

For

Standard Electronic Transactions

TRANSACTION SET

867

Consumption History/Gas Profile

Ver/Rel 004010

October 23, 2014
Version 1.2

		Summary of Changes
July 20, 2001 Version 1.0		Initial Release
August 23, 2001		Errata Notice Issued MEA07 element was deleted from PTD Loop where PTD01=BC (Unmetered Usage) in the corresponding 867HU data dictionary.
March 17, 2004 Version 1.1		Version 1.1 Issued • The following codes were added to element MEA07 in the MEA segments present in the QTY loops for the PTD*BO and PTD*BQ loops to provide for more detailed descriptions of electric consumption/usage data: 45 (Summer On Peak), 49 (Winter On Peak), 50 (Winter Mid Peak), 57 (Summer Total), 58 (Winter Total), 73 (Summer Off Peak), 74 (Summer Intermediate Peak), 75 (Winter Off Peak), 84 (High Tension On Peak Energy), 85 (High Tension Off Peak Energy), 86 (Low Tension On Peak Energy), 87 (Low Tension Off Peak Energy), 88 (Low Tension Total Energy), 89 (Low Tension Primary Demand), 90 (Low Tension Transmission Demand), 92 (High Tension Total Energy), 93 (High Tension Primary Demand) and 94 (High Transmission Demand). • Notes were added to clarify the use of codes 41 (Off Peak), 42 (On Peak) and 51 (Total) by Consolidated Edison of New York.. • Notes regarding the attributes of "R" elements were added to the Front Matter notes. • Use of the QTY*99 was corrected from 'Required' to 'Conditional'.
October 23, 2014 Version 1.2		Version 1.2 Issued
		• The PTD*FG (Additional Information) loop was added to include REF*0N (Customer Shopping Status), REF*IJ (Industrial Classification Code), REF*TX (Utility Tax Exempt Status), REF*ZV (Block on Account), REF*TDT (Account Settlement Indicator), REF*YP (NYPA/ReCharge New York), REF*SG (Utility Discount), QTY*KZ (ICAP Tag), QTY*9N (Number of Meters) and REF*MG (Meter Number). This loop is used when data is available from the utility. This loop is sent when there is no historical usage available if the utility has any of these data available for the ESCO.
		Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary.
		Updates to Notes and Examples to accommodate a hybrid 867HU transaction containing gas profile factors in a PTD*BG loop and up to 24 months of consumption history. Removal of no longer used segments from the PTD*SM loop: • DTM*582****RMD – Annual Period • QTY*99-Projected Usage – Normal • QTY*QD-Projected Delivery – Normal • QTY*9D-Projected Usage – Design • QTY*DD-Projected Delivery – Design

		Added possible value to MEA01: CQ – Calculated Quantity
		Replaced references to Marketer and E/M with ESCO.

		Notes pertaining to the use of this document
Purpose		• This 867 Transaction Set is used to return Historic Usage or Gas Profile information in response to an 814 Consumption History/Gas Profile Request or to a secondary request for history/gas profile data sent in an 814 Enrollment Request transaction. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.
One account/one commodity per 867		• Each response will contain up to ~~12~~ 24 months of consumption history for one account for one commodity (i.e. electric or gas). If a customer takes both electric and gas bundled service from the utility under a single account number, the ESCO must request history for each commodity in separate transactions (i.e. two 814 Consumption History Request transactions or two 814 Enrollment Request transactions). If the requests are valid, the Utility will respond with two 867 transactions – one for each commodity.
All meters per account		• When an ESCO requests consumption history for electric service on an account, the response will contain history data for all electric meters, and/or all unmetered electric service on the account. Similarly, when a request for consumption history is received for gas service on an account, the response will contain history data or gas profile(s) for all gas meters on the account.
Historic usage		• The responses reflected in this Implementation Guide are for history data or gas profile data. Each utility may elect to support gas profile requests and the details of a utility's gas profile implementation will be explained in its Utility Maintained EDI Guide. The history data is billing period information for the previous 12 months, or life of the account, whichever is shorter. The gas profile data is a weather normalized forecast for a 12 month period. If a gas profile is requested from a utility that does not support gas profiles, the 867 response will contain historic gas usage.
Interval Data		• Historic interval consumption will be transmitted on an 867 in summarized form as used for billing. Actual interval data will be made available upon request in a non-EDI format.
~~Fees~~		~~• Fees may be assessed for requests for consumption history. When requesting history, the ESCO must indicate a willingness to pay a fee. No 867 will be returned if the 814 request was rejected for fees. Refer to the Notes section of the Implementation Guides for the 814 Enrollment Request and Response and the 814 Consumption History Request and Response or the Usage Business Process – Historical document for the procedures for handling fees.~~

Description of PTD Loops		• Each PTD loop must contain the Utility Rate Service Class, Rate Sub Class (if applicable) and Load Profile code (for electric service) associated with the usage being sent. • Responses to requests for historic usage may contain one or more PTD loops depending upon the type of data being sent. Summarized metered consumption is sent in PTD*BO loops; summarized unmetered consumption data is sent in PTD*BC loops; and detailed consumption by meter will be sent in PTD*BQ loops. These PTD segments will contain multiple QTY loops for usage data by period start and end dates. The data provided is data as available from the utility's Customer Information System. See examples at the back of this Implementation Guide. • Two PTD loops will be used to transmit Gas Profile data. The PTD*BG segment will contain gas profile factors in a series of QTY loops. The PTD*SM segment contains the gas profile data. The profile data will be sent in multiple PTD*SM loops – one for each forecast ~~month and optionally, one for an Annual Period~~. See examples at the back of this Implementation Guide. • The PTD*FG (Additional Information) loop will be used to transmit additional information such as ICAP Tag and customer information.
Data Element Attributes		• Data elements whose X12 attribute type is 'R' (for example the QTY02 or AMT02 elements) are treated as real numbers. Real numbers are assumed to be positive numbers and a minus (-) sign must precede the amount when a negative number is being sent. Real numbers do NOT provide for an implied decimal position; therefore a decimal point must be sent when decimal precision is required. Note that in transmitting real numbers it is acceptable, but not necessary, to transmit digits that have no significance i.e. leading or trailing zeros.
Definitions		• The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either a gas or electric supplier. The principal parties involved in this Transaction Set 814 implementation guide are: • The end-use customer (Code 8R) • The Utility (LDC) (Code 8S) • The Supplier (ESCO) (Code SJ). • The terms Usage, Consumption, and Data used in this document refer to the calculated amount of the commodity (kWh, therms, etc.) used for utility billing.
Companion Documents		• All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the Usage Business Processes – Historical document and the data dictionary for the TS867 Consumption History/Gas Profile should be reviewed where further clarification is needed.

Implementation Guideline Field Descriptions

Segment: **REF** **Reference Identification**
Position: 030
Loop: LIN 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 REF02.
Comments:
Notes: Account numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded, and leading and trailing zeros that are part of the account number must be present.
Request: Required
Accept Response: Required
Reject Response: Required unless account number was not provided on the request.
REF*12*2931839200

This section shows the X12 Rules for this segment, with the exception of the Usage and Max Use fields, which include NY rules. For Usage, "Optional (Must Use)" means that the segment is Optional for X12, but required for NY. You must also review the gray boxes below for additional NY Rules.

This section displays the NY Rules for implementation of this segment.

One or more examples.

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 12 Billing Account Utility-assigned account number for the customer.	**M ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**

This column documents differences between X12 and NY use for each data element within a segment.
Mand. = X12 Required
Must Use = NY Required
Optional = NY Optional
Cond. = NY Conditional

These are X12 code descriptions, which often do not relate to retail access functions/descriptions.
In these guides the meaning of codes has been changed to correspond to retail access transactions as needed.

These columns show the X12 attributes for each data element:

M = Mandatory
O = Optional
X = Conditional

AN = Alphanumeric
N# = Implied Decimal
ID = Identification
R = Real
DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

867 Consumption History/Gas Profile

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, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Notes:

This guide documents the format and content of the TS867 used to respond to either an 814 Request for Consumption History or a secondary request for history data made coincident with an 814 Enrollment Request.

Each 867 transaction contains consumption history data for a single account for a single commodity (Electric or Gas). The consumption history may be either historic usage data or a gas profile.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
			LOOP ID - N1			1	
6	080	N1	Name (ESCO)	O	1		
			LOOP ID - N1			1	
7	080	N1	Name (Utility)	O	1		
			LOOP ID - N1			1	
8	080	N1	Name (Customer)	O	1		
9	100	N3	Address Information (Service Address)	O	1		
10	110	N4	Geographic Location (Service Address)	O	1		
11	120	REF	Reference Identification (Utility Account Number)	O	1		
12	120	REF	Reference Identification (Previous Utility Account Number)	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PTD			>1	
13	010	PTD	Product Transfer and Resale Detail (Metered Summary)	O	1		
14	030	REF	Reference Identification (Utility Rate Service Class)	O	1		
15	030	REF	Reference Identification (Rate Sub Class)	O	1		
16	030	REF	Reference Identification (Load Profile)	O	1		
			LOOP ID - QTY			>1	
17	110	QTY	Quantity	O	1		
18	160	MEA	Measurements	O	40		
20	210	DTM	Date/Time Reference (Period Start Date)	O	1		
21	210	DTM	Date/Time Reference (Period End Date)	O	1		

			LOOP ID - PTD			>1
22	010	PTD	Product Transfer and Resale Detail (Unmetered Usage)	O	1	
23	030	REF	Reference Identification (Utility Rate Service Class)	O	1	
24	030	REF	Reference Identification (Rate Sub Class)	O	1	
25	030	REF	Reference Identification (Load Profile)	O	1	
			LOOP ID - QTY			>1
26	110	QTY	Quantity	O	1	
27	160	MEA	Measurements	O	1	
28	210	DTM	Date/Time Reference (Period Start Date)	O	1	
29	210	DTM	Date/Time Reference (Period End Date)	O	1	
			LOOP ID - PTD			>1
30	010	PTD	Product Transfer and Resale Detail (Metered Consumption Detail)	O	1	
31	030	REF	Reference Identification (Meter Number)	O	1	
32	030	REF	Reference Identification (Utility Rate Service Class)	O	1	
33	030	REF	Reference Identification (Rate Sub Class)	O	1	
34	030	REF	Reference Identification (Load Profile)	O	1	
			LOOP ID - QTY			>1
35	110	QTY	Quantity	O	1	
36	160	MEA	Measurements	O	40	
38	210	DTM	Date/Time Reference (Period Start Date)	O	1	
39	210	DTM	Date/Time Reference (Period End Date)	O	1	
			LOOP ID - PTD			1
40	010	PTD	Product Transfer and Resale Detail (Gas Profile Factors)	O	1	
41	020	DTM	Date/Time Reference (Profile Period Start Date)	O	1	
42	020	DTM	Date/Time Reference (Date Customer Initiated Service)	O	1	
43	030	REF	Reference Identification (Utility Rate Service Class)	O	1	
44	030	REF	Reference Identification (Rate Sub Class)	O	1	
			LOOP ID - QTY			1
45	110	QTY	Quantity (Base)	O	1	
			LOOP ID - QTY			1
46	110	QTY	Quantity (Slope)	O	1	
			LOOP ID - QTY			1
47	110	QTY	Quantity (Load Factor)	O	1	
			LOOP ID - QTY			1
48	110	QTY	Quantity (UFG Rate)	O	1	
			LOOP ID - QTY			1
49	110	QTY	Quantity (Maximum Delivery)	O	1	
			LOOP ID - PTD			~~13~~12
50	010	PTD	Product Transfer and Resale Detail (Gas Profile Data)	O	1	
51	020	DTM	Date/Time Reference (Report Month)	O	1	
52	020	DTM	Date/Time Reference (Annual Period)	O	1	
			LOOP ID - QTY			1
53	110	QTY	Quantity (Projected Usage - Normal)	O	1	
			LOOP ID - QTY			1
54	110	QTY	Quantity (Projected Monthly Usage)	O	1	
			LOOP ID - QTY			1
55	110	QTY	Quantity (Projected Delivery - Normal)	O	1	

			LOOP ID - QTY			1
56	110	QTY	Quantity (Projected Monthly Delivery Quantity)	O	1	
			LOOP ID - QTY			1
57	110	QTY	Quantity (Projected Daily Delivery Quantity)	O	1	
			LOOP ID - QTY			1
58	110	QTY	Quantity (Projected Usage - Design)	O	1	
			LOOP ID - QTY			1
59	110	QTY	Quantity (Projected Delivery - Design)	O	1	
			LOOP ID - QTY			1
60	110	QTY	Quantity (Projected Balancing Use)	O	1	
61	140	AMT	Monetary Amount (Projected Swing Charges)	O	1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
61~~62~~	030	SE	Transaction Set Trailer	M	1		
E-1			Examples				

Transaction Set Notes:

1. The N1 loop is used to identify the transaction participants.
2. The PTD*BO and/or the PTD*BC and/or the PTD*BQ loops are sent in response to requests for historic usage.
3. The PTD*BG and the PTD*SM loops ~~is~~ are sent by utilities ~~that support gas profiles~~ in response to requests for gas profile data.

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: Required
ST~867~0001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			867 Product Transfer and Resale Report	
Mand.	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			This control number uniquely identifies the transaction set delimited by this ST and it's corresponding SE segment within a functional group.	

Segment: **BPT** **Beginning Segment for Product Transfer and Resale**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data
Syntax Notes: **1** If either BPT05 or BPT06 is present, then the other is required.
Semantic Notes: **1** BPT02 identifies the transfer/resale number.
2 BPT03 identifies the transfer/resale date.
3 BPT08 identifies the transfer/resale time.
4 BPT09 is used when it is necessary to reference a Previous Report Number.
Comments:
Notes: Required
BPT~52~2001062730326001~20010627~DD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**BPT01**	**353**	**Transaction Set Purpose Code**		**M**	**ID 2/2**
			52	Response to Historical Inquiry		
				Response to a request for consumption history or gas profile.		
Must Use	**BPT02**	**127**	**Reference Identification**		**O**	**AN 1/30**
Mand.	**BPT03**	**373**	**Date**		**M**	**DT 8/8**
			This is the date that the transaction was created by the sender's application system.			
Must Use	**BPT04**	**755**	**Report Type Code**		**O**	**ID 2/2**
			41	Statistical Model		
				Gas Profile		
			DD	Distributor Inventory Report		
				Historic Usage		

Segment: **N1** **Name (ESCO)**
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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: Required
N1~SJ~~24~163456789

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			SJ	Service Provider		
				Identifies the ESCO participating in this transaction.		
	N102	**93**	**Name**		**X**	**AN 1/60**
			Free Form ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.			
Must Use	**N103**	**66**	**Identification Code Qualifier**		**X**	**ID 1/2**
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			24	Employer's Identification Number		
				Federal Tax ID		
Must Use	**N104**	**67**	**Identification Code**		**X**	**AN 2/80**
			The D-U-N-S number or the Federal Tax ID			

Segment: **N1** **Name (Utility)**
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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: Required
N1~8S~~1~006994708

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			8S	Consumer Service Provider (CSP)		
				Identifies the Utility participating in this transaction.		
	N102	**93**	**Name**		**X**	**AN 1/60**
			Free Form Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.			
Must Use	**N103**	**66**	**Identification Code Qualifier**		**X**	**ID 1/2**
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			24	Employer's Identification Number		
				Federal Tax ID		
Must Use	**N104**	**67**	**Identification Code**		**X**	**AN 2/80**

Segment: **N1** **Name (Customer)**
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the customer in this transaction.
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: Required

The customer's current tax district must be sent in the N4 segment in this N1 loop. When an N4 segment is required, an N1 segment must also be sent to comply with X12 requirements.
N1~8R~MARY SMITH
N1~8R~NAME

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**N101**	**98**	**Entity Identifier Code**		**M ID 2/3**
			8R	Consumer Service Provider (CSP) Customer	
				Identify the end use customer targeted by this transaction.	
Must Use	**N102**	**93**	**Name**		**X AN 1/60**
			Supplemental text information that may be supplied to provide "eyeball" identification of the customer. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners. Some utilities may not transmit the actual customer name but will send the literal 'NAME' in N102 position to ensure compliance with ANSI X12 requirements.		

Segment: **N3** **Address Information (Service Address)**
Position: 100
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: Optional
N3~STREET ADDRESS~OVERFLOW ADDRESS

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N301**	**166**	**Address Information**	**M**	**AN 1/55**
Cond	**N302**	**166**	**Address Information**	**O**	**AN 1/55**

Segment: **N4** **Geographic Location (Service Address)**
Position: 110
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: Optional: City Name (N101), State (N102), and postal code (N103) .
Required: The N405 qualifier (TX) and N406 (Tax District) are required.

N4~FLUSHING~NY~11355-2426~~TX~8005

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N401	**19**	**City Name**	**O**	**AN 2/30**
	N402	**156**	**State or Province Code**	**O**	**ID 2/2**
	N403	**116**	**Postal Code**	**O**	**ID 3/15**
Must Use	**N405**	**309**	**Location Qualifier**	**X**	**ID 1/2**
			TX Taxing District		
Must Use	**N406**	**310**	**Location Identifier**	**O**	**AN 1/30**
			State assigned civil division code for the tax district where the customer service is located.		

Segment: **REF** **Reference Identification (Utility Account Number)**
Position: 120
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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: Required
REF~12~011231287654398

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			12	Billing Account		
				REF02 is the Utility-assigned account number for the customer.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)			

Segment: **REF** **Reference Identification (Previous Utility Account Number)**
Position: 120
Loop: N1 Optional (Must Use)
Level: Heading
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: Conditional
Required when the utility assigned account number for the customer has changed in the last 90 days.
REF~45~9194132485705971

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			45	Old Account Number		
				REF02 contains the Utility's previous account number for the customer.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Previous Utility account number for the customer This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to a customer.			

Segment: **PTD** **Product Transfer and Resale Detail (Metered Summary)**
Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Conditional
Three PTD Loops with codes of BO, BC, or BQ have been provided for transmitting historic usage. Two PTD loops with codes of BG and SM are provided for transmitting gas profile data. The sender must use the correct PTD loop for the type of data being transmitted. For example, do not use PTD*BQ to send unmetered usage information. Data on unmetered service points should be summarized in the PTD*BC loop.

The PTD*BO loop is for summarized metered consumption. An account with 12 months of consumption history reported for two metered service end points would be transmitted in one PTD loop but that loop would contain multiple QTY segments - one for each period reported with separate consumption for each unit of measure and daily reported peaks as applicable (see examples).

The same Utility rate service class, rate subclass and load profile code must apply to all service points summarized in the same PTD loop. If some service end points are in a different rate service class then others, the data from those service end points should be sent in a separate PTD*BO loop.
PTD~BO~~OZ~EL

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			BO	Designated Items		
				Metered Summary This loop contains a summary of the usage data from metered service points on an account for the commodity type indicated in PTD05.		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
				PTD05 contains a code identifying the commodity reported in this transaction.		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			EL	Electric Service		
			GAS	Gas Service		

Segment: **REF** **Reference Identification (Utility Rate Service Class)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required
REF~NH~A001
REF~NH~1150100

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			NH	Rate Card Number	
				REF02 contains the Utility specific rate code that references the service class and rates applicable to the service delivery point(s) summarized in this PTD loop.	
Must Use	**REF02**	**127**	**Reference Identification**		**X AN 1/30**
			Utility Rate code as found in the tariff. (This code can be used to retrieve rates from a utility's web site.)		

Segment: **REF** **Reference Identification (Rate Sub Class)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional

This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
REF~PR~RSVD
REF~PR~NRSVD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			PR	Price Quote Number		
				Utility Rate Subclass		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Provides further clarification of the Utility Rate Service Class specified in the REF*NH segment.			

Segment: **REF** **Reference Identification (Load Profile)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional
Load Profile codes must be sent when the service is electric (PTD05=EL).
REF~LO~L01

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			LO	Load Planning Number		
				Load Profile		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Utility assigned load profile code. Load profile code definitions are accessible from the Utility's web site.			

Segment: **QTY** **Quantity**
Position: 110
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity information. A separate Quantity loop is used for each register or measurement type provided by the meter.
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Required
QTY~FL~2 Data is summarized for 2 meters

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M ID 2/2**
			FL	Units	
				QTY02 contains the number of metered service delivery points represented by the summarized data in this PTD loop.	
Must Use	**QTY02**	**380**	**Quantity**		**X R 1/15**
			Report the number of meters represented in the summarized data for the period indicated in the DTM segment.		

Segment: **MEA** **Measurements**
Position: 160
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 40
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes: Required
An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.

MEA~BR~PRQ~10101~KH~~~41 10101 kWh billed off peak use
MEA~AN~PRQ~12.3~K1~~~51 12.3 kW total recorded demand
MEA~BR~PRQ~11.4~K1~~~51 11.4 kW total billed demand
MEA~AN~PRQ~2.1~K1~~~41 2.1 kW recorded off peak demand
MEA~AN~PRQ~7.3~K1~~~42 7.3 kW recorded on peak demand
MEA~AN~PRQ~3~K1~~~43 3 kW recorded shoulder peak demand
MEA~BR~PRQ~750~KH~~~41 750 kWh billed off peak kilowatt hours
MEA~EN~PRQ~1275~TD 1275 Estimated Therms
MEA~CQ~PRQ~358~TD 358 Calculated Quantity in Therms

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**MEA01**	**737**	**Measurement Reference ID Code**		**O**	**ID 2/2**
			AN	Work		
				Period Actual		
			BR	Billed History		
				Use where the utility tariff provides for minimum charges regardless of actual consumption below the minimum and the Utility does not retain the actual consumption data.		
			CQ~~CQ~~	Payment Orders Calculated Quantity~~Calculated Quantity~~		
			EN	Environmental Conditions		
				Period Estimated		
Must Use	**MEA02**	**738**	**Measurement Qualifier**		**O**	**ID 1/3**
			PRQ	Product Reportable Quantity		
				Consumption		
Must Use	**MEA03**	**739**	**Measurement Value**		**X**	**R 1/20**
			Quantity of the consumption for the period indicated in the DTM segment.			
Must Use	**MEA04**	**C001**	**Composite Unit of Measure**		**X**	
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
				Ccf		
			K1	Kilowatt Demand		
			K2	Kilovolt Amperes Reactive Demand		
			K3	Kilovolt Amperes Reactive Hour		
			K4	Kilovolt Amperes		

			K5	Kilovolt Amperes Reactive		
			K7	Kilowatt		
			KH	Kilowatt Hour		
			TD	Therms		
Cond	**MEA07**	**935**	**Measurement Significance Code**		**O**	**ID 2/2**
			This element is required for electric service but not used for gas service.			
			41	Off Peak		
				At the utility's option, this code is used to designate Small Time of Use Off Peak Energy.		
			42	On Peak		
				At the utility's option, this code is used to designate Small Time of Use On Peak Energy.		
			43	Intermediate		
			45	Per Gallon		
				Summer On Peak		
			49	Mist		
				Winter On Peak		
			50	Predominant		
				Winter Mid Peak		
			51	Total		
				At the utility's option, this code will be used to designate Total Energy or Total Billed Demand.		
			57	Boarded or Blocked Up		
				Summer Total		
			58	Planned		
				Winter Total		
			73	Low to High		
				Summer Off Peak		
			74	Low to Medium		
				Summer Intermediate Peak		
			75	Low to Moderate		
				Winter Off Peak		
			84	Good to High		
				High Tension On Peak Energy		
			85	High		
				High Tension Off Peak Energy		
			86	Budgeted		
				Low Tension On Peak Energy		
			87	Forecast		
				Low Tension Off Peak Energy		
			88	Adjusted		
				Low Tension Total Energy		
			89	Allocated		
				Low Tension Primary Demand		
			90	Increasing		
				Low Tension Secondary Demand		
			91	Stable		
				Low Tension Transmission Demand		
			92	Declining		
				High Tension Total Energy		
			93	Previous		
				High Tension Primary Demand		
			94	Potential		
				High Tension Transmission Demand		

Segment: **DTM** **Date/Time Reference (Period Start Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~150~20010315

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			150 Service Period Start		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			Start date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **DTM** **Date/Time Reference (Period End Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~151~20010415

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			151 Service Period End		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			End date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **PTD** **Product Transfer and Resale Detail (Unmetered Usage)**
Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Conditional
This PTD loop is sent to report unmetered usage history data.

All unmetered consumption history data associated with the service delivery points on an account that have the same rate service class, rate subclass and load profile can be reported in a single PTD loop. It may be necessary to send multiple PTD loops where an account has multiple unmetered service delivery points but some delivery points are associated with a different rate service class or subclass (see examples). Separate QTY loops are used to report the usage data for each period.
PTD~BC~~~OZ~EL

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			BC	Issue - Other Agency		
				Total for all unmetered Service points on the account for the commodity type indicated in PTD05.		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
				PTD05 contains a code identifying the commodity reported in this transaction.		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			EL	Electric Service		
			GAS	Gas Service		

Segment: **REF** **Reference Identification (Utility Rate Service Class)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required
REF~NH~A001
REF~NH~1150100

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			NH	Rate Card Number	
				REF02 contains the Utility specific rate code that references the service class and rates applicable to this service delivery point.	
Must Use	**REF02**	**127**	**Reference Identification**		**X AN 1/30**
			Utility Rate code as found in the tariff. (This code can be used to retrieve rates from a utility's web site.)		

Segment: **REF** **Reference Identification (Rate Sub Class)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional

This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
REF~PR~RSVD
REF~PR~NRSVD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			PR	Price Quote Number		
				Utility Rate Subclass		
Must Use	**REF02**	**127**	**Quantity**		**X**	**AN 1/30**
			Provides further clarification of the Utility Rate Service Class specified in the REF*NH segment.			

Segment: **REF** **Reference Identification (Load Profile)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional
Load profile codes must be sent when the service is electric (PTD05=EL).
REF~LO~L01

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			LO	Load Planning Number		
				Load Profile		
Must Use	**REF02**	**127**	**Quantity**		**X**	**AN 1/30**
			Utility assigned load profile code. Load profile code definitions are accessible from the Utility's web site.			

Segment: **QTY** **Quantity**
Position: 110
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity information. A separate Quantity loop is used for each period reported.
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Required
This segment must be sent to indicate the number of unmetered service end points associated with the unmetered usage data sent in this PTD loop.
QTY~FL~44 Reported consumption is summarized from 44 unmetered points

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			FL Units		
Must Use	**QTY02**	**380**	**Quantity**	**X**	**R 1/15**
			Contains the number of unmetered points represented by the usage data reported for the period indicated in the DTM segment.		

Segment: **MEA** **Measurements**
Position: 160
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes: Required
MEA~BR~PRQ~10101~KH Billed consumption is 10,101 kilowatt hours

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**MEA01**	**737**	**Measurement Reference ID Code**		**O**	**ID 2/2**
			AN	Work Period Actual		
			BR	Billed History Use where the utility tariff provides for minimum charges regardless of actual consumption below the minimum and the Utility does not retain the actual consumption data.		
			CQ	Payment Orders Calculated Quantity		
			EN	Environmental Conditions Period Estimated		
Must Use	**MEA02**	**738**	**Measurement Qualifier**		**O**	**ID 1/3**
			PRQ	Product Reportable Quantity Consumption		
Must Use	**MEA03**	**739**	**Measurement Value** Quantity of Consumption delivered for service period.		**X**	**R 1/20**
Must Use	**MEA04**	**C001**	**Composite Unit of Measure**		**X**	
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			HH	Hundred Cubic Feet ccf		
			K1	Kilowatt Demand		
			K2	Kilovolt Amperes Reactive Demand		
			K3	Kilovolt Amperes Reactive Hour		
			K4	Kilovolt Amperes		
			K5	Kilovolt Amperes Reactive		
			K7	Kilowatt		
			KH	Kilowatt Hour		
			TD	Therms		
			TZ	Thousand Cubic Feet		

Segment: **DTM** **Date/Time Reference (Period Start Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~150~20000315

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			150 Service Period Start		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			Start date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **DTM** **Date/Time Reference (Period End Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~151~20000415

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			151 Service Period End		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			End date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **PTD** **Product Transfer and Resale Detail (Metered Consumption Detail)**
Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Conditional

This PTD loop is required when metered consumption history is being reported by meter. The PTD*BQ loop is not required when consumption is reported on an account basis or when a gas profile is provided.

Usage from each metered service point is sent in a separate PTD*BQ loop with each period reported in separate QTY loops within that PTD loop. An account with 12 months of non-interval usage history for two metered delivery points would require 2 PTD*BQ loops with 12 QTY loops within each PTD loop. Each PTD loop must include the meter number, Utility rate service class (and subclass if applicable), and a load profile code where applicable. Consumption must be reported for each unit of measure (kW, kWh, ccf, etc), and time interval (peak, off peak, etc) where applicable, for each measurement period. For example, an electric account with a single metered service delivery point where consumption is being measured for on-peak, off-peak and intermediate peak periods would require a single PTD loop but 36 QTY loops to report consumption for a 12 month period (see examples).
PTD~BQ~~~OZ~EL

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			BQ	Other		
				Detail of metered service points on the account for the commodity type indicated in PTD05.		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
				PTD05 contains a code identifying the commodity reported in this transaction.		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			EL	Electric Service		
			GAS	Gas Service		

Segment: **REF** **Reference Identification (Meter Number)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required
REF~MG~012345678

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			MG Meter Number		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Utility assigned meter number		

Segment: **REF** **Reference Identification (Utility Rate Service Class)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required
REF~NH~A001
REF~NH~1150100

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			NH	Rate Card Number	
				REF02 contains the Utility specific rate code that references the service class and rates applicable to this service delivery point.	
Must Use	**REF02**	**127**	**Reference Identification**		**X AN 1/30**
			Utility Rate code as found in the tariff. (This code can be used to retrieve rates from a utility's web site.)		

Segment: **REF** **Reference Identification (Rate Sub Class)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional

This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
REF~PR~RSVD
REF~PR~NRSVD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			PR	Price Quote Number		
				Utility Rate Subclass		
Must Use	**REF02**	**127**	**Quantity**		**X**	**AN 1/30**
			Provides further clarification of the Utility Rate Service Class specified in the REF*NH segment.			

Segment: **REF** **Reference Identification (Load Profile)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional
Load profile codes must be sent when the service is electric (PTD05=EL).
REF~LO~L01

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			LO	Load Planning Number		
				Load Profile		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Utility assigned load profile code. Load profile code definitions are provided on the Utility web site.			

Segment: **QTY** **Quantity**
Position: 110
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity information. A separate Quantity loop is used for each register or measurement type provided by the meter.
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Required
QTY~FL~1 Data is associated with 1 service delivery point.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			FL Units		
Must Use	**QTY02**	**380**	**Quantity**	**X**	**R 1/15**
			Valid value for this element in this segment will always be 1.		

Segment: **MEA** **Measurements**
Position: 160
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 40
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes: Required
An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.

MEA~BR~PRQ~10101~KH~~~41 10101 kWh billed off peak use
MEA~AN~PRQ~12.3~K1~~~51 12.3 kW total recorded demand
MEA~BR~PRQ~11.4~K1~~~51 11.4 kW total billed demand
MEA~AN~PRQ~2.1~K1~~~41 2.1 kW recorded off peak demand
MEA~AN~PRQ~7.3~K1~~~42 7.3 kW recorded on peak demand
MEA~AN~PRQ~3~K1~~~43 3 kW recorded shoulder peak demand
MEA~BR~PRQ~750~KH~~~41 750 kWh billed off peak kilowatt hours
MEA~EN~PRQ~1275~TD 1275 Estimated Therms
MEA~CQ~PRQ~358~TD 358 Calculated Quantity in Therms

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**MEA01**	**737**	**Measurement Reference ID Code**		**O**	**ID 2/2**
			AN	Work Period Actual		
			BR	Billed History Use where the utility tariff provides for minimum charges regardless of actual consumption below the minimum and the Utility does not retain the actual consumption data.		
			CQ	Payment Orders Calculated Quantity		
			EN	Environmental Conditions Period Estimated		
Must Use	**MEA02**	**738**	**Quantity**		**O**	**ID 1/3**
			PRQ	Product Reportable Quantity Consumption		
Must Use	**MEA03**	**739**	**Measurement Value**		**X**	**R 1/20**
			Quantity of the consumption for the period indicated in the DTM segment.			
Must Use	**MEA04**	**C001**	**Composite Unit of Measure**		**X**	
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			HH	Hundred Cubic Feet ccf		
			K1	Kilowatt Demand		
			K2	Kilovolt Amperes Reactive Demand		
			K3	Kilovolt Amperes Reactive Hour		
			K4	Kilovolt Amperes		
			K5	Kilovolt Amperes Reactive		

				K7	Kilowatt	
				KH	Kilowatt Hour	
				TD	Therms	
				TZ	Thousand Cubic Feet	
Cond	**MEA07**	**935**	**Measurement Significance Code**			**O** **ID 2/2**
			This element is required for electric service but not used for gas service.			
				41	Off Peak	
					At the utility's option, this code will be used to designate Small Time of Use Off Peak Energy.	
				42	On Peak	
					At the utility's option, this code will be used to designate Small Time of Day On Peak Energy.	
				43	Intermediate	
					Intermediate Peak	
				45	Per Gallon	
					Summer On Peak	
				49	Mist	
					Winter On Peak	
				50	Predominant	
					Winter Mid Peak	
				51	Total	
					At the utility's option, this code will be used to designate Total Energy or Total Billed Demand.	
				57	Boarded or Blocked Up	
					Summer Total	
				58	Planned	
					Winter Total	
				73	Low to High	
					Summer Off Peak	
				74	Low to Medium	
					Summer Intermediate Peak	
				75	Low to Moderate	
					Winter Off Peak	
				84	Good to High	
					High Tension On Peak Energy	
				85	High	
					High Tension Off Peak Energy	
				86	Budgeted	
					Low Tension On Peak Energy	
				87	Forecast	
					Low Tension Off Peak Energy	
				88	Adjusted	
					Low Tension Total Energy	
				89	Allocated	
					Low Tension Primary Demand	
				90	Increasing	
					Low Tension Secondary Demand	
				91	Stable	
					Low Tension Transmission Demand	
				92	Declining	
					High Tension Total Energy	
				93	Previous	
					High Tension Primary Demand	
				94	Potential	
					High Tension Transmission Demand	

Segment: **DTM** **Date/Time Reference (Period Start Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~150~20000315

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			150 Service Period Start		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			Start date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **DTM** **Date/Time Reference (Period End Date)**
Position: 210
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: Required
DTM~151~20000415

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			151 Service Period End		
Must Use	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			End date of the period reported in the current QTY loop in the form CCYYMMDD.		

Segment: **PTD** **Product Transfer and Resale Detail (Gas Profile Factors)**
Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Conditional
The PTD*BG loop is used to transmit certain non-recurring data associated with the development of a customer's gas profile including the factors used to determine the quantities and amounts transmitted in the PTD*SM loop.

The PTD*SM loop (following this loop when a gas profile is being sent) is used to transmit the month-by-month profile data. ~~A utility that supports gas profiles may also provide an annual forecast of total quantities for the account in the PTD*SM loop.~~

~~The PTD*BG and SM loops are only sent by utilities that support gas profiles.~~
PTD~BG~~~OZ~GAS

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			BG	Test and Evaluation		
				Gas Profile Factors This PTD loop contains the factors used to determine the monthly forecast quantities in a gas profile and other non-recurring account attributes.		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
				PTD05 contains the code for the commodity reported in this PTD loop.		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			GAS	Gas Service		

Segment: **DTM** **Date/Time Reference (Profile Period Start Date)**
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required
This segment is sent to provide the date a customer's gas profile was created.
DTM~193~20010315

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**		**M**	**ID 3/3**
			193	Period Start		
			Profile Period Start Date This is the date a customer's gas profile was created.			
Must Use	**DTM02**	**373**	**Date**		**X**	**DT 8/8**
			Date profile was created in the form CCYYMMDD.			

Segment: **DTM** **Date/Time Reference (Date Customer Initiated Service)**
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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: Conditional

This segment may be sent by a utility that supports gas profiles to indicate the date the customer initiated service at the location for which a gas profile has been generated. If this date is unavailable, this segment will not be sent.
DTM~629~20010315

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Mand.	**DTM01**	**374**	**Date/Time Qualifier**		**M ID 3/3**
			629	Account Opened	
				Date Customer Initiated Service At the premise for which a gas profile has been created.	
Must Use	**DTM02**	**373**	**Date**		**X DT 8/8**
			Date on which customer initiated service in the form CCYYMMDD.		

Segment: **REF** **Reference Identification (Utility Rate Service Class)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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: Required

Although the profile is a forecast of gas consumption, this is the current rate class associated with the account for which a gas profile has been requested.
REF~NH~A001
REF~NH~1150100

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			NH	Rate Card Number		
				Utility Rate Service Class REF02 contains the Utility specific rate code that references the service class and rates applicable to this service delivery point.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Utility Rate code			

Segment: **REF** **Reference Identification (Rate Sub Class)**
Position: 030
Loop: PTD Optional (Dependent)
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: Conditional

This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
REF~PR~RSVD
REF~PR~NRSVD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			PR	Price Quote Number		
				Utility Rate Subclass		
Must Use	**REF02**	**127**	**Quantity**		**X**	**AN 1/30**
			Provides further clarification of the Utility Rate Service Class specified in the REF*NH segment.			

Segment: **QTY** **Quantity (Base)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional.
This segment may be sent by a utility that supports gas profiles to provide the customer's non-heating load factor.
QTY~1Y~12.24~TD
QTY~1Y~12.2357~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			1Y	Rate Per Day (RPD)		
			Base Quantity This is the customer's non-heating load factor based on daily consumption.			
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			The form of a numeric factor may be specified by the utility in its Utility Maintained EDI Guide.			
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Slope)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional.

This segment may be sent by a utility that supports gas profiles to provide the customer's weather normalized load factor.
QTY~FJ~.2303~TD Load factor is .2303 Therms per day

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			FJ	Trunked Channels		
			Slope Quantity This is the customer's weather normalized load factor based on average daily consumption.			
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			A numeric factor in the form x.xxxx.			
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Load Factor)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional.

This segment may be sent by a utility that supports gas profiles to provide a load factor expressed as the ratio of non-heating to heating daily demand.

QTY~LP~3.03 The ratio is approximately 1:3 for this customer

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			LP	Lease Periods		
				Load Factor Expressed as the ratio of non-heating to heating daily demand.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			Factor expressed in the form x.xx.			

Segment: **QTY** **Quantity (UFG Rate)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional.

This segment may be sent by a utility that supports gas profiles to provide the factor used for lost and unaccounted for gas in generating a gas profile for this customer.
QTY~LH~3.3~TD A UFG factor of 3.3% was used for this profile.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			LH	Lost Gas UFG Rate Factor used to estimate lost and unaccounted for gas.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			Show whole percents with decimal points: 2.1 = 2.1%, .500 = .5%, etc.			
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Maximum Delivery)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional.

This segment may be sent by a utility that supports gas profiles to provide the forecast Maximum Monthly Delivery Quantity for the profile period for the account requested.
QTY~CG~2131~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			CG	Cumulative Gas Volume		
			Maximum Delivery Quantity For the period covered by the gas profile.			
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **PTD** **Product Transfer and Resale Detail (Gas Profile Data)**
Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Conditional
The PTD*SM loop is used to transmit gas profile data and must be sent with the PTD*BG loop containing the gas profile factors. A separate PTD loop is required for each period being reported. A DTM segment is sent in each PTD loop to identify the report period, either a month or an annual period, associated with the data sent in the QTY loop. Utilities that support gas profiles will send 12 PTD*SM loops - one for each report month in the gas~~ profile and optionally, a 13th PTD*SM loop for annual totals for each profile~~.
PTD~SM~~~OZ~GAS

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			SM	Sample Gas Profile Data This PTD loop contains forecast monthly, and annual, gas consumption data for this customer.		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			GAS	Gas Service		

Segment: **DTM** **Date/Time Reference (Report Month)**
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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: Conditional

Each PTD*SM loop must include a DTM*582 segment (either Report Month or Annual Period) to indicate the time period associated with the gas profile data sent in the QTY segment.
DTM~582~~~~MM~01 Report period is January
DTM~582~~~~MM~10 Report period is Octobor

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**		**M**	**ID 3/3**
			582	Report Period		
				Reporting month associated with the gas profile data.		
Must Use	**DTM05**	**1250**	**Date Time Period Format Qualifier**		**X**	**ID 2/3**
			MM	Month of Year in Numeric Format		
Must Use	**DTM06**	**1251**	**Date Time Period**		**X**	**AN 1/35**
			The month for which QTY Loop values apply in the form MM i.e. 01 = January, 02 = February, etc.			

Segment: **DTM** **Date/Time Reference (Annual Period)**
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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: Conditional

This segment may be sent by a utility that supports gas profiles to describe the Annual Period associated with the forecast total quantities in a gas profile.
DTM~582~~~~RMD~1001 0930~Annual period is from October to the following Sept.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Mand.	**DTM01**	**374**	**Date/Time Qualifier**		**M**	**ID 3/3**
		582	Report Period			
Must Use	**DTM05**	**1250**	**Date Time Period Format Qualifier**		**X**	**ID 2/3**
		RMD	Range of Months and Days Expressed in Format MMDD-MMDD			
Must Use	**DTM06**	**1251**	**Date Time Period**		**X**	**AN 1/35**
		Starting and ending month and day for which amounts in the QTY loops contained in PTD*SM are reported in the form MMDD-MMDD.				

Segment: QTY **Quantity (Projected Usage - Normal)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility that supports gas profiles to report the forecasted normal use for the period indicated in the DTM segment.

QTY-99-4880.00-TD

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			99	Quantity Used Normal projected gas usage for the period indicated.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement.			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Projected Monthly Usage)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility that supports gas profiles to report the projected monthly weather normalized usage (including line losses).
QTY~AY~5075~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			AY	Forecast		
			Projected Monthly Usage QTY02 contains a projected monthly weather normalized usage which includes line losses.			
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

~~**Segment:** QTY **Quantity (Projected Delivery - Normal)**~~
~~**Position:** 110~~
~~**Loop:** QTY Optional (Dependent)~~
~~**Level:** Detail~~
~~**Usage:** Optional (Dependent)~~
~~**Max Use:** 1~~
~~**Purpose:** To specify quantity information~~
~~**Syntax Notes:** **1** At least one of QTY02 or QTY04 is required.~~
~~**2** Only one of QTY02 or QTY04 may be present.~~
~~**Semantic Notes:** **1** QTY04 is used when the quantity is non-numeric.~~
~~**Comments:**~~
~~**Notes:** Conditional~~

~~This segment may be sent by a utility that supports gas profiles to report the unadjusted projected gas delivery quantity for the period indicated.~~
~~QTY~~~~-~~~~QD~~~~-~~~~5075~~~~-~~~~TD~~

~~**Data Element Summary**~~

	~~Ref. Des.~~	~~Data Element~~	~~Name~~	~~Attributes~~		
~~**Mand.**~~	~~**QTY01**~~	~~**673**~~	~~**Quantity Qualifier**~~		~~**M**~~	~~**ID 2/2**~~
			~~QD~~	~~Quantity Delivered~~		
				~~Projected Delivery - Normal~~ ~~Normal projected gas delivery quantity for the report month indicated~~		
~~**Must Use**~~	~~**QTY02**~~	~~**380**~~	~~**Quantity**~~		~~**X**~~	~~**R 1/15**~~
~~**Must Use**~~	~~**QTY03**~~	~~**C001**~~	~~**Composite Unit of Measure**~~		~~**O**~~	
			~~Unit of Measurement~~			
~~**Mand.**~~	~~**C00101**~~	~~**355**~~	~~**Unit or Basis for Measurement Code**~~		~~**M**~~	~~**ID 2/2**~~
			~~TD~~	~~Therms~~		

Segment: **QTY** **Quantity (Projected Monthly Delivery Quantity)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility to report the projected weather normalized monthly delivery quantity for the report month.
QTY~70~131~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			70	Maximum Order Quantity		
				Projected Monthly Delivery Quantity A projected weather normalized delivery quantity for the report month indicated.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Projected Daily Delivery Quantity)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility to report the forecasted weather normalized daily delivery quantity (including line losses) for the account requested for the report month indicated.
QTY~WD~123~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			WD	Units Worked per Day		
				Projected Daily Delivery Quantity Forecast quantity for the report month indicated based on weather normalization and including line losses.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: QTY **Quantity (Projected Usage - Design)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility that supports gas profiles to report the customer's projected gas usage on a design basis.
QTY-9D-130-TD

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			9D	Engineered Standard Projected Usage - Design		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: QTY **Quantity (Projected Delivery - Design)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

This segment may be sent by a utility that supports gas profiles to report the projected delivery quantity based on design factors.

QTY~DD~120~TD

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			DD	Distributed		
				Projected Delivery Quantity QTY02 contains a projected delivery quantity based on design factors for the report month indicated.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **QTY** **Quantity (Projected Balancing Use)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Conditional

A utility may send this segment to report the difference between the average daily usage for an historical monthly billing period (weather normalized) and the average daily summer usage.
QTY~BA~123~TD

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			BA	Due-In		
				Projected Balancing Use The difference between the average daily usage for the historical monthly billing period (weather normalized) and the average daily summer usage for the report month indicated.		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
Must Use	**QTY03**	**C001**	**Composite Unit of Measure**		**O**	
			Unit of Measurement			
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			TD	Therms		

Segment: **AMT** **Monetary Amount (Projected Swing Charges)**
Position: 140
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: Conditional

A utility may send this segment to report the forecasted charges for balancing services for the report month indicated.
AMT~SW~100.00

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**AMT01**	**522**	**Amount Qualifier Code**		**M**	**ID 1/3**
			SW	Base Award Fee		
				Projected Swing Charges Forecast charges for balancing services for the report month indicated.		
Mand.	**AMT02**	**782**	**Monetary Amount**		**M**	**R 1/18**

Segment: **PTD** **Product Transfer and Resale Detail (Additional Information)**
Position: 010
Loop: PTD Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1** If either PTD02 or PTD03 is present, then the other is required.
2 If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Required
The PTD*FG- loop will be sent even when there is no historical usage data available, (i.e, new accounts), unless the customer has established a historical usage block with the utility. The data provided is based upon what is available on the date the 867HU is provided.

Data in the PTD*FG loop will be sent, even in cases where there is no historic usage, however; no data will be sent if there is a customer block in place (A Comprehensive Block or in the case of utilities that employ dual blocks, if a Historic Usage Block is in place).

PTD~FG~OZ~GAS

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Mand.	**PTD01**	**521**	**Product Transfer Type Code**		**M**	**ID 2/2**
			FG	Flowing Gas Information		
				Additional Information		
Must Use	**PTD04**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**
			OZ	Product Number		
Must Use	**PTD05**	**127**	**Reference Identification**		**X**	**AN 1/30**
			EL	Electric Service		
			GAS	Gas Service		

Segment: **REF** **Reference Identification (Customer Supply Status)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Must Use
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.
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: Required
REF~0N~E

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			0N	Attached To Customer Supply Status		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			E	Customer is receiving supply from an ESCO at the time the transaction is created.		
			U	Customer is receiving supply from the Utility at the time the transaction is created.		

Segment: **REF** **Reference Identification (Industrial Classification Code)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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.
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: Conditional

Required if available in the utility's system
REF~IJ~123456~NAISC
REF~IJ~1234~SIC

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			IJ	Standard Industry Classification (SIC) Code		
				Standard Industry Classification (SIC) Code, or North American Industry Classification System (NAISC) Code		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			SIC or NAISC Code as stored in the Utility's system			
Must Use	**REF03**	**352**	**Description**		**X**	**AN 1/80**
			NAISC	Value contained in REF02 is an NAISC code		
			SIC	Value contained in REF02 is an SIC code		

Segment: **REF** **Reference Identification (Utility Tax Exempt Status)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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.
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: Required

The Utility Tax Exempt Status signifies the existence of exemptions and/or certifications, if any, held by the utility, that are used to bill the customer for utility services. The indicator is informational only; the utility's exemption is not transferable to the ESCO to bill the customer for ESCO services. The ESCO should not rely upon the utility's information for billing purposes and should contact the customer to obtain necessary information consistent with the requirements of the New York State Department of Taxation & Finance and any applicable laws.
REF~TX~Y

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			TX	Tax Exempt Number		
				Indicates the Utility's Tax Exemption Status at the time the transaction is created.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			N	No, the customer is fully taxed for distribution charges at the time the transaction is created.		
			Y	Yes, customer has some level of tax exemption for distribution charges at the time the transaction is created.		

Segment: **REF** **Reference Identification (Account Settlement Indicator)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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.
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: Conditional
Required for Electric only
This indicator reflects how the usage is settled with NYISO, not necessarily how the usage is metered.
REF~TDT~H

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Cond.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			TDT	Technical Documentation Type		
				Account Settlement Indicator		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			C	Class Shape		
			H	Hourly		
			M	Mixed		
				Account is settled with the NYISO with both Class Shape and Hourly data.		

Segment: **REF** **Reference Identification (NYPA/ReCharge New York)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
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.
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: Conditional
Required for Electric accounts, if available in the utility's system.
REF~YP~N

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Cond.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			YP	Selling Arrangement		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			N	No, the customer does not participate in NYPA/ReCharge New York		
			Y	Yes, the customer participates in NYPA/ReCharge New York		

Segment: **REF** **Reference Identification (Utility Discount)**
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
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.
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: Conditional

Required for non-residential accounts where the customer receives a commodity discount from the utility or a delivery discount that is dependent upon purchase of commodity from the utility. Further, the indicator should be set to "N" in cases where all customers in a rate class or service receive the same discount or when the delivery discount is portable, i.e. it applies whether the customer purchases commodity from the ESCO or the utility.

REF~SG~Y

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Cond.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			SG	Savings		
				Utility Discounts/Incentive Rate		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			N	No, there are not Utility Discounts/Incentive Rates		
			Y	Yes, there are Utility Discounts/Incentive Rates		

Segment: **QTY** **Quantity (~~Electric Capacity Assignment~~ICAP)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Required for Electric accounts, if available
QTY~KZ~476~K1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Cond.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			KZ	Corrective Action Requests-Written		
				ICAP Tag		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			ICAP Tag			
	QTY03	**C001**	**Composite Unit of Measure**		**O**	
Mand.	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**
			K1	Kilowatt Demand		

Example - AJ Adjusted Killowatt Demand

Segment: **QTY** **Quantity (Number of Meters)**
Position: 110
Loop: QTY Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: Required - One QTY loop will be provided to indicate the Number of Meters on the account along with each individual Meter Number in subsequent REF segments. If the account has only unmetered services, the QTY02 would be 0.

The QTY*9N is not required when consumption is reported on an account basis or when a gas profile is provided.

For example:
QTY~9N~3
REF~MG~13259131
REF~MG~59381932
REF~MG~10393823
REF~MG~UNMETERED

QTY~9N~0
REF~MG~UNMETERED

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**QTY01**	**673**	**Quantity Qualifier**		**M**	**ID 2/2**
			9N	Component Meter Reading Count		
				Number of Meters on the Account		
Must Use	**QTY02**	**380**	**Quantity**		**X**	**R 1/15**
			Number of Meters on the Account			

Segment: **REF** **Reference Identification (Meter Number)**
Position: 190
Loop: QTY Optional (Dependent)
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: Required - One REF segment will be sent for each Meter Number on the account and/or one REF segment would be sent if there are unmetered services on the account.

The REF*MG is not required when consumption is reported on an account basis or when a gas profile is provided.

For example:
QTY~9N~3
REF~MG~13259131
REF~MG~59381932
REF~MG~10393823
REF~MG~UNMETERED

QTY~9N~0
REF~MG~UNMETERED

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			MG Meter Number	
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**
			Meter Number	

Segment: **SE** **Transaction Set Trailer**
Position: 030
Loop:
Level: Summary
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: Required
SE~99~0001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**SE01**	**96**	**Number of Included Segments**	**M**	**N0 1/10**
Mand.	**SE02**	**329**	**Transaction Set Control Number**	**M**	**AN 4/9**

EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for the TS867 Consumption History/Gas Profile, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Response to Request for Historical Usage for Gas ~~Gas Profile Data~~ (~~Keyspan~~NGRID-NY)

ST*867*0003/	Transaction Set header;transaction defined is an 867; control number assigned by originator
BPT*52*20140910303260001*20140910*DD/	Transaction is a Response to Historical Inquiry; Unique id number for this transaction; transaction creation date; Report type is Historic Usage
N1*SJ*AMERADA HESS*24*110584613/	ESCO Name and Tax ID number
N1*8S*NGRID NY DOWNSTATE-NY*1*178077227/	Utility Name and DUNS number
N1*8R*FLATBUSH SQUARE B&B/	Customer Name
REF*12*2051354580/	Utility assigned account number for the customer
PTD*BG***OZ*GAS	PTD loop contains Gas Profile Factors; service is Gas
DTM*193*20140801	Date gas profile factors were calculated for this account
DTM*629*20140131	Date customer initiated service at the address associated with this account
REF*NH*T1B	Utility Rate Service Class
QTY*1Y*1.43*TD	Customer's non-heating load factor; unit is TD
QTY*FJ*.2229*TD	Customer's weather normalized load factor; unit is TD
QTY*LP*.27*TD	Ratio of non-heating to heating daily demand; unit is TD
QTY*LH*1.53*TD	Factor for lost & unaccounted for gas used in calculating the gas profile; unit is TD
PTD*BQ***OZ*GAS	This PTD loop pertains to Metered Consumption Detail; Service is Gas
REF*MG*000114739	Meter Number
REF*NH*T1B	Utility Rate Class
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*39*TD	Consumption reported is actual; quantity measured is 39; unit is TD
DTM*150*20140527	Measurement period start date for this QTY loop
DTM*151*20140624	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*58*TD	Consumption reported is actual; quantity measured is 58; unit is TD
DTM*150*20140430	Measurement period start date for this QTY loop
DTM*151*20140527	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one

	service delivery point
MEA*EN*PRQ*23*TD	Consumption reported is estimated; quantity measured is 23; unit is TD
DTM*150*20140424	Measurement period start date for this QTY loop
DTM*151*20140430	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*159*TD	Consumption reported is actual; quantity measured is 159; unit is TD
DTM*150*20140325	Measurement period start date for this QTY loop
DTM*151*20140424	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*245*TD	Consumption reported is actual; quantity measured is 245; unit is TD
DTM*150*20140224	Measurement period start date for this QTY loop
DTM*151*20140325	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*230*TD	Consumption reported is actual; quantity measured is 230; unit is TD
DTM*150*20140131	Measurement period start date for this QTY loop
DTM*151*20140224	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*EN*PRQ*66*TD	Consumption reported is estimated; quantity measured is 66; unit is TD
DTM*150*20140124	Measurement period start date for this QTY loop
DTM*151*20140131	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*308*TD	Consumption reported is actual; quantity measured is 308; unit is TD
DTM*150*20131223	Measurement period start date for this QTY loop
DTM*151*20140124	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*218*TD	Consumption reported is actual; quantity measured is 218; unit is TD
DTM*150*20131121	Measurement period start date for this QTY loop
DTM*151*20131223	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*137*TD	Consumption reported is actual; quantity measured is 137; unit is TD
DTM*150*20131024	Measurement period start date for this QTY

	loop
DTM*151*20131121	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*63*TD	Consumption reported is actual; quantity measured is 63; unit is TD
DTM*150*20130924	Measurement period start date for this QTY loop
DTM*151*20131024	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*46*TD	Consumption reported is actual; quantity measured is 46; unit is TD
DTM*150*20130826	Measurement period start date for this QTY loop
DTM*151*20130924	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*43*TD	Consumption reported is actual; quantity measured is 43; unit is TD
DTM*150*20130725	Measurement period start date for this QTY loop
DTM*151*20130826	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*39*TD	Consumption reported is actual; quantity measured is 39; unit is TD
DTM*150*20130624	Measurement period start date for this QTY loop
DTM*151*20130725	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*52*TD	Consumption reported is actual; quantity measured is 52; unit is TD
DTM*150*20130524	Measurement period start date for this QTY loop
DTM*151*20130624	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*72*TD	Consumption reported is actual; quantity measured is 72; unit is TD
DTM*150*20130424	Measurement period start date for this QTY loop
DTM*151*20130524	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*152*TD	Consumption reported is actual; quantity measured is 152; unit is TD
DTM*150*20130322	Measurement period start date for this QTY loop
DTM*151*20130424	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one

	service delivery point
MEA*AN*PRQ*175*TD	Consumption reported is actual; quantity measured is 175; unit is TD
DTM*150*20130222	Measurement period start date for this QTY loop
DTM*151*20130322	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*271*TD	Consumption reported is actual; quantity measured is 271; unit is TD
DTM*150*20130124	Measurement period start date for this QTY loop
DTM*151*20130222	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*238*TD	Consumption reported is actual; quantity measured is 238; unit is TD
DTM*150*20121221	Measurement period start date for this QTY loop
DTM*151*20130124	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*151*TD	Consumption reported is actual; quantity measured is 151; unit is TD
DTM*150*20121121	Measurement period start date for this QTY loop
DTM*151*20121221	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*67*TD	Consumption reported is actual; quantity measured is 67; unit is TD
DTM*150*20121023	Measurement period start date for this QTY loop
DTM*151*20121121	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*52*TD	Consumption reported is actual; quantity measured is 52; unit is TD
DTM*150*20120924	Measurement period start date for this QTY loop
DTM*151*20121023	Measurement period end date for this QTY loop
QTY*FL*1	Historic usage in this QTY loop is from one service delivery point
MEA*AN*PRQ*32*TD	Consumption reported is actual; quantity measured is 32; unit is TD
DTM*150*20120824	Measurement period start date for this QTY loop
DTM*151*20120924	Measurement period end date for this QTY loop
SE*114*018242520	Transaction Set Trailer; segment count; control number assigned by originator
~~ST*867*0003/~~	~~Transaction Set header;transaction defined is an **867;** control number assigned by originator~~

~~BPT*52*20010627303260001*20010627*41/~~	~~Transaction is a **Response to Historical Inquiry;** Unique id number for this transaction; transaction creation date; Report type is **Gas Profile~~**
~~N1*SJ*AMERADA HESS*24*110584613/~~	~~ESCO Name and Tax ID number~~
~~N1*8S*KEYSPN DELIVERY-NY*1*844749010/~~	~~Utility Name and DUNS number~~
~~N1*8R*FLATBUSH SQUARE B&B/~~	~~Customer Name~~
~~N4*BROOKLYN*NY*11218-5508**TX*8009/~~	~~Customer's City, State, Postal Code and Current Tax District Code~~
~~REF*12*2051354580/~~	~~Utility assigned account number for the customer~~
~~PTD*BG***OZ*GAS/~~	~~PTD loop contains **Gas Profile Factors;** service is **Gas~~**
~~DTM*193*20001102/~~	~~Profile Period Start Date~~
~~DTM*629*19911029/~~	~~Date customer initiated service at the address associated with this account~~
~~REF*NH*2-2/~~	~~Utility Rate Service Class~~
~~REF*PR*0581/~~	~~Utility Rate Sub Class~~
~~QTY*1Y*.35*TD/~~	~~Customer's **non-heating load factor;** unit is **Therms~~**
~~QTY*FJ*.2303*TD/~~	~~Customer's **weather normalized load factor;** unit is **Therms~~**
~~QTY*LP*21.67*TD/~~	~~**Ratio of non-heating to heating daily demand;** unit is **Therms~~**
~~QTY*LH*.0309/~~	~~Factor for **lost & unaccounted for gas** used in calculating the gas profile~~
~~PTD*SM***OZ*GAS/~~	~~PTD loop contains **Gas Profile Data;** service is **Gas~~**
~~DTM*582****MM*10/~~	~~Data in this loop is for **October~~**
~~QTY*99*68.20*TD/~~	~~Quantity reported is the **Projected Usage-Normal;** unit is **Therms~~**
~~QTY*QD*70.30*TD/~~	~~Quantity reported is the **Projected Delivery - Normal;** unit is **Therms~~**
~~QTY*9D*68.20*TD/~~	~~Quantity reported is the **Projected Usage - Design;** unit is **Therms~~**
~~QTY*DD*119.20*TD/~~	~~Quantity reported is the **Projected Delivery - Design;** unit is **Therms~~**

PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*11/	Data in this loop is for ***November***
QTY*99*129.90*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*133.91*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*143.70*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*115.36*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*12/	Data in this loop is for ***December***
QTY*99*211.11*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*217.63*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*237.15*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*01/	Data in this loop is for ***January***
QTY*99*246.14*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*253.75*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*281.17*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*02/	Data in this loop is for ***February***
QTY*99*208.88*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*215.33*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*238.84*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*107.67*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*03/	Data in this loop is for ***March***
QTY*99*100*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*175.77*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*190.34*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***

PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*04/	Data in this loop is for ***April***
QTY*99*96.90*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*99.89*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*107.10*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*115.36*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*05/	Data in this loop is for ***May***
QTY*99*39.99*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*41.23*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*33.99*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*06/	Data in this loop is for ***June***
QTY*99*10.50*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*10.82*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*13.80*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*115.36*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*07/	Data in this loop is for ***July***
QTY*99*10.85*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*11.19*TD	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*10.85*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*08/	Data in this loop is for ***August***
QTY*99*10.85*TD/	Quantity reported is the ***Projected Usage-Normal;*** unit is ***Therms***
QTY*QD*11.19*TD/	Quantity reported is the ***Projected Delivery - Normal;*** unit is ***Therms***
QTY*9D*10.85*TD/	Quantity reported is the ***Projected Usage - Design;*** unit is ***Therms***
QTY*DD*119.20*TD/	Quantity reported is the ***Projected Delivery - Design;*** unit is ***Therms***

~~PTD*SM***OZ*GAS/~~	~~PTD loop contains **Gas Profile Data;** service is **Gas**~~
~~DTM*582****MM*09/~~	~~Data in this loop is for **September**~~
~~QTY*99*20.70*TD/~~	~~Quantity reported is the **Projected Usage - Normal;** unit is **Therms**~~
~~QTY*QD*21.34*TD/~~	~~Quantity reported is the **Projected Delivery - Normal;** unit is **Therms**~~
~~QTY*9D*20.70*TD/~~	~~Quantity reported is the **Projected Usage - Design;** unit is **Therms**~~
~~QTY*DD*115.36*TD/~~	~~Quantity reported is the **Projected Delivery - Design;** unit is **Therms**~~
~~PTD*SM***OZ*GAS/~~	~~PTD loop contains **Gas Profile Data;** service is **Gas**~~
~~DTM*582****RMD*1001-0930/~~	~~Data in this loop is for an **Annual Period**~~
~~QTY*99*1224.52*TD/~~	~~Quantity reported is the **Projected Usage - Normal;** unit is **Therms**~~
~~QTY*QD*1262.35*TD/~~	~~Quantity reported is the **Projected Delivery - Normal;** unit is **Therms**~~
~~QTY*9D*1356.69*TD/~~	~~Quantity reported is the **Projected Usage - Design;** unit is **Therms**~~
~~QTY*DD*1403.51*TD/~~	~~Quantity reported is the **Projected Delivery - Design;** unit is **Therms**~~
~~SE*95*0003/~~	~~Transaction Trailer; segment count; control number assigned by originator~~

Response to Request for Historic Usage for GAS (Con Edison)

ST*867*0008/	Transaction Set header;transaction defined is an ***867***; control number assigned by originator
BPT*52*2001062730326001*20010627*DD/	Transaction is a ***Response to Historical Inquiry***; Unique id number for this transaction; transaction creation date; Report type is ***Historic Usage***
N1*SJ*AMERADA HESS*1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*NAME/	Customer Name
N4*FLUSHING*NY*11355-2426**TX*8009/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*233939360100025/	Utility assigned account number for the customer
PTD*BQ***OZ*GAS/	This PTD loop pertains to ***Metered Consumption Detail***; Service is ***Gas***
REF*MG*3660153/	Meter Number
REF*NH*931/	Utility Rate Service Class associated with this meter
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*5067*HH/	Consumption reported is actual; quantity measured is ***5,067***; unit is ***CCF***
DTM*150*20010131/	Measurement period ***start date*** for this QTY loop
DTM*151*20010302/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*6646*HH/	Consumption reported is actual; quantity measured is ***6,646***; unit is ***CCF***

DTM*150*20001229/	Measurement period ***start date*** for this QTY loop
DTM*150*20010131/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*5806*HH/	Consumption reported is actual; quantity measured is ***5,806***; unit is ***CCF***
DTM*150*20001130/	Measurement period ***start date*** for this QTY loop
DTM*151*20001229/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*2986*HH/	Consumption reported is actual; quantity measured is ***2,986***; unit is ***CCF***
DTM*150*20001027/	Measurement period ***start date*** for this QTY loop
DTM*151*20001130/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1236*HH/	Consumption reported is actual; quantity measured is ***1,236***; unit is ***CCF***
DTM*150*20000928/	Measurement period ***start date*** for this QTY loop
DTM*151*20001027/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1022*K1/	Consumption reported is actual; quantity measured is ***1,022***; unit is ***CCF***
DTM*150*20000829/	Measurement period ***start date*** for this QTY loop
DTM*151*20000928/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*955*HH/	Consumption reported is actual; quantity measured is ***955***; unit is ***CCF***
DTM*150*20000731/	Measurement period ***start date*** for this QTY loop
DTM*151*20000829/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1281*HH/	Consumption reported is actual; quantity measured is ***1,281***; unit is ***CCF***
DTM*150*20000629/	Measurement period ***start date*** for this QTY loop
DTM*151*20000731/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1211*HH/	Consumption reported is actual; quantity measured is ***1,211***; unit is ***CCF***
DTM*150*20000531/	Measurement period ***start date*** for this QTY loop
DTM*151*20000629/	Measurement period ***end date*** for this QTY loop

QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1524*HH/	Consumption reported is actual; quantity measured is ***1,524***; unit is ***CCF***
DTM*150*20000501/	Measurement period ***start date*** for this QTY loop
DTM*151*20000531/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*2822*HH/	Consumption reported is actual; quantity measured is ***2,822***; unit is ***CCF***
DTM*150*20000321/	Measurement period ***start date*** for this QTY loop
DTM*151*20000501/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*3418*HH/	Consumption reported is actual; quantity measured is ***3,418***; unit is ***CCF***
DTM*150*20000302/	Measurement period ***start date*** for this QTY loop
DTM*151*20000331/	Measurement period ***end date*** for this QTY loop
SE*59*0008/	Transaction set trailer; segment count; control number assigned by originator of this transaction

Gas Profile Data for the Same Account (Con Edison)

ST*867*0004/	Transaction Set header;transaction defined is an ***867***; control number assigned by originator
BPT*52*2001062730326001*20010627*41/	Transaction is a ***Response to Historical Inquiry***; Unique id number for this transaction; transaction creation date; Report type is ***Gas Profile***
N1*SJ*AMERADA HESS*1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*NAME/	Customer Name
N4*FLUSHING*NY*11355-2426**TX*8009/	Customer's City, State, Postal Code and Current Tax District Code

REF*12*233939360100025/	Utility assigned account number for the customer
PTD*BG***OZ*GAS/	PTD loop contains ***Gas Profile Factors;*** service is ***Gas***
DTM*193*199970901/	Profile Period Start Date
REF*NH*931/	Utility Rate Service Class
QTY*CG*7136*TD/	***Maximum Delivery Quantity*** for the gas profile period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*08/	Data in this loop is for ***August***
QTY*AY*926*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*956*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*32*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*185*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*11.29/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*09/	Data in this loop is for ***September***
QTY*AY*1024*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*1058*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*36*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*205*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*12.49/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*10/	Data in this loop is for ***October***
QTY*AY*2442*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*2523*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*84*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*1186*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*72.32/	Amount reported is the ***estimated swing charges*** for the period

PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*11/	Data in this loop is for ***November***
QTY*AY*2979*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*3078*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*106*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*1765*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*107.66/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*12/	Data in this loop is for ***December***
QTY*AY*6286*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*6494*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*216*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*5030*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*306.81/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*01/	Data in this loop is for ***January***
QTY*AY*7136*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*7372*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*246*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*5880*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*358.65/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*02/	Data in this loop is for ***February***
QTY*AY*5645*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*5832*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*216*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*4514*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*275.37/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*03/	Data in this loop is for ***March***
QTY*AY*4068*TD/	Quantity reported is ***projected weather***

	normalized monthly usage including line losses; unit is ***Therms***
QTY*70*4202*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*140*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*2811*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*171.50/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*04/	Data in this loop is for ***April***
QTY*AY*3009*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*3109*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*107*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*1795*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*1099.48/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*05/	Data in this loop is for ***May***
QTY*AY*1727*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*1785*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*59*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*471*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*28.74/	Amount reported is the ***estimated swing charges*** for the period
PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*06/	Data in this loop is for ***June***
QTY*AY*1744*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*1802*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*62*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*530*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*32.33/	Amount reported is the ***estimated swing charges*** for the period

PTD*SM***OZ*GAS/	PTD loop contains ***Gas Profile Data;*** service is ***Gas***
DTM*582****MM*07/	Data in this loop is for ***July***
QTY*AY*985*TD/	Quantity reported is ***projected weather normalized monthly usage including line losses;*** unit is ***Therms***
QTY*70*1018*TD/	Quantity reported is the ***projected monthly delivery quantity;*** unit is ***Therms***
QTY*WD*34*TD/	Quantity reported is ***the projected daily delivery quantity,*** unit is ***Therms***
QTY*BA*197*TD/	Quantity reported is ***the projected balancing use,*** unit is ***Therms***
AMT*SW*12.02/	Amount reported is the ***estimated swing charges*** for the period
SE*95*0004/	Transaction Set Trailer; segment count; control number assigned by originator

Response Contains Electric Detail Interval Usage Data

ST*867*0011/	Transaction Set header;transaction defined is an ***867;*** control number assigned by originator
BPT*52*2001062730326001*20010706*DD/	Transaction is a ***Response to Historical Inquiry;*** Unique id number for this transaction; transaction creation date; Report type is ***Historic Usage***
N1*SJ*TXU ENERGY*1*006827749/	ESCO Name and DUNS number
N1*8S*ROCHESTER G&E*24*160612110/	Utility Name and DUNS number
N1*8R*HENRY WOLCOTT III/	Customer Name
N4*NAPLES*NY*14512-9116**TX*3272/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*245610/	Utility assigned account number for the customer
PTD*BQ***OZ*EL/	PTD loop contains ***Metered Consumption Detail;*** Service is ***Electric***
REF*MG*82582420/	Meter number
REF*NH*04/	Utility Rate Service Class associated with this meter
REF*PR*TR3/	Utility Rate Sub Class associated with this meter
REF*LO*MSL/	Utility Load Profile Code associated with this meter
QTY*FL*1/	***QTY Loop #1:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*145*KH***42/	***Recorded on-peak usage was 145 Kilowatt hours*** for this period
DTM*150*20010131/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #2:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*558*KH***41/	***Recorded off-peak usage was 558 Kilowatt hours*** for this period
DTM*150*20010131/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #3:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*267*KH***43/	***Recorded intermediate-peak usage was 267 Kilowatt hours*** for this period
DTM*150*20010131/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #4:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*184*KH***42/	***Recorded on-peak usage was 184 Kilowatt hours*** for this period
DTM*150*20001229/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #5:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*646*KH***41/	***Recorded off-peak usage was 646 Kilowatt hours*** for this period
DTM*150*20001229/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #6*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*336*KH***43/	***Recorded intermediate-peak usage was 336 Kilowatt hours*** for this period
DTM*150*20001229/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #7:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*147*KH***42/	***Recorded on-peak usage was 147 Kilowatt hours*** for this period
DTM*150*20001129/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001229/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #8:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*562*KH***41/	***Recorded off-peak usage was 562 Kilowatt hours*** for this period
DTM*150*20001129/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001229/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #9:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*331*KH***43/	***Recorded intermediate-peak usage was 331 Kilowatt hours*** for this period
DTM*150*20001129/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001229/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #10:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*0*KH***42/	***Recorded on-peak usage was 0 Kilowatt hours*** for this period
DTM*150*20001026/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #11:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*578*KH***41/	***Recorded off-peak usage was 578 Kilowatt hours*** for this period
DTM*150*20001026/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #12:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*531*KH***43/	***Recorded intermediate-peak usage was 531 Kilowatt hours*** for this period
DTM*150*20001026/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #13:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*17*KH***42/	***Recorded peak usage was 17 Kilowatt hours*** for this period
DTM*150*20000926/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #14:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*523*KH***41/	***Recorded off-peak usage was 523 Kilowatt hours*** for this period
DTM*150*20000926/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #15:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*364*KH***43/	***Recorded intermediate-peak usage was 364 Kilowatt hours*** for this period
DTM*150*20000926/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #16:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*187*KH***42/	***Recorded peak usage was 187 Kilowatt hours*** for this period
DTM*150*20000824/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #17:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*470*KH***41/	***Recorded off-peak usage was 470 Kilowatt hours*** for this period
DTM*150*20000824/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #18:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*321*KH***43/	***Recorded intermediate-peak usage was 321 Kilowatt hours*** for this period
DTM*150*20000824/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #19:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*140*KH***42/	***Recorded on-peak usage was 140 Kilowatt hours*** for this period
DTM*150*20000728/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000824/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #20:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*404*KH***41/	***Recorded off-peak usage was 404 Kilowatt hours*** for this period
DTM*150*20000728/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000824/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #21:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*245*KH***43/	***Recorded intermediate-peak usage was 245 Kilowatt hours*** for this period
DTM*150*20000728/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000824/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #22:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*187*KH***42/	***Recorded on-peak usage was 187 Kilowatt hours*** for this period
DTM*150*20000626/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #23:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*462*KH***41/	***Recorded off-peak usage was 462 Kilowatt hours*** for this period
DTM*150*20000626/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #24:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*312*KH***43/	***Recorded intermediate-peak usage was 312 Kilowatt hours*** for this period
DTM*150*20000626/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #25:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*118*KH***42/	***Recorded on-peak usage was 118 Kilowatt hours*** for this period
DTM*150*20000525/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #26:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*411*KH***41/	***Recorded off-peak usage was 411 Kilowatt hours*** for this period
DTM*150*20000525/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #27:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*323*KH***43/	***Recorded intermediate-peak usage was 323 Kilowatt hours*** for this period
DTM*150*20000525/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #28:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*0*KH***42/	***Recorded on-peak usage was 0 Kilowatt hours*** for this period
DTM*150*20000425/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #29:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*410*KH***41/	***Recorded off-peak usage was 410 Kilowatt hours*** for this period
DTM*150*20000425/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #30:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*428*KH***43/	***Recorded intermediate-peak usage was 428 Kilowatt hours*** for this period
DTM*150*20000425/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #31:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*0*KH***42/	***Recorded peak usage was 0 Kilowatt hours*** for this period
DTM*150*20000425/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	***End date*** for the measurement period in which the usage in this QTY loop was recorded

QTY*FL*1/	***QTY Loop #32:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*557*KH***41/	***Recorded off-peak usage was 557 Kilowatt hours*** for this period
DTM*150*20000323/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000425/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #33:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*515*KH***43/	***Recorded intermediate-peak usage was 515 Kilowatt hours*** for this period
DTM*150*20000323/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000425/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #34:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*35*KH***42/	***Recorded peak usage was 35 Kilowatt hours*** for this period
DTM*150*20000223/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #35:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*433*KH***41/	***Recorded off-peak usage was 433 Kilowatt hours*** for this period
DTM*150*20000223/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	***QTY Loop #36:*** Number of service delivery end points represented in this QTY loop is ***1***
MEA*AN*PRQ*409*KH***43/	***Recorded intermediate-peak usage was 409 Kilowatt hours*** for this period
DTM*150*20000223/	***Start date*** for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	***End date*** for the measurement period in which the usage in this QTY loop was recorded
SE*157*0011/	Transaction Set Trailer; segment count; control number assigned by originator

Response Contains Electric Unmetered Usage Data

ST*867*0012/	Transaction Set header;transaction defined is an ***867;*** control number assigned by originator
BPT*52*20000301145101*20010706*DD/	Transaction is a ***Response to Historical Inquiry;*** Unique id number for this transaction; transaction creation date; Report type is ***Historic Usage***
N1*SJ*ENERGETIX*1*006817952/	ESCO Name and DUNS number
N1*8S*ROCHESTER G&E*24*160612110/	Utility Name and DUNS number
N1*8R*DOT FIELD OFFICE #5/	Customer Name
N4*ROCHESTER*NY*14624-5121**TX*2605/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*96135/	Utility assigned account number for the customer
PTD*BC***OZ*EL/	This PTD loop contains ***Uunmetered Usage;*** Service is ***Electric***
REF*NH*02/	Utility Rate Service Class associated with the service delivery points summarized in this PTD loop
REF*PR*EC2/	Utility Rate Sub Class associated with the service delivery points summarized in this PTD loop
REF*LO*MSL/	Utility Load Profile Code associated with the service delivery points summarized in this PTD loop
QTY*FL*1/	***QTY Loop #1:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20010110/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20010209/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #2:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20001208/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20010110/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #3:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20001108/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001208/	***End date*** for the measurement period for the usage in this QTY loop

QTY*FL*1/	***QTY Loop #4:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20001010/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001108/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #5:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000908/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001010/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #6:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000808/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000908/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #7:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000711/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000808/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #8:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000608/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000711/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #9:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000509/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000608/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #10:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000406/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000509/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #11:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period

DTM*150*20000307/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000406/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*1/	***QTY Loop #12:*** Usage in this QTY loop is for ***1 service delivery point*** on this account
MEA*BR*PRQ*0*KH/	***Billed usage was 0 Kilowatt hours*** for this period
DTM*150*20000207/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000307/	***End date*** for the measurement period for the usage in this QTY loop
PTD*BC***OZ*EL/	***PTD loop #2:*** This PTD loop contains ***Uunmetered Usage;*** Service is ***Electric***
REF*NH*02/	Utility Rate Service Class associated with the service delivery points summarized in this PTD loop
REF*PR*NM1/	Utility Rate Sub Class associated with the service delivery points summarized in this PTD loop
REF*LO*MSL/	Utility Load Profile Code associated with the service delivery points summarized in this PTD loop
QTY*FL*3/	***QTY Loop #1:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20010110/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20010209/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #2:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20001208/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20010110/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #3:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20001108/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001208/	***End date*** for the measurement period for the usage in this QTY loop

QTY*FL*3/	***QTY Loop #4:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20001010/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001108/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #5:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000908/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20001010/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #6:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000808/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000908/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #7:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000711/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000808/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #8:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000608/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000711/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #9:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000509/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000608/	***End date*** for the measurement period for the usage in this QTY loop

QTY*FL*3/	***QTY Loop #10:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000406/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000509/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #11:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000307/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000406/	***End date*** for the measurement period for the usage in this QTY loop
QTY*FL*3/	***QTY Loop #12:*** Usage in this QTY loop is summarized for ***3 service delivery points*** on this account
MEA*BR*PRQ*1250*KH/	***Billed usage was 1250 Kilowatt hours*** for this period
DTM*150*20000207/	***Start date*** for the measurement period for the usage in this QTY loop
DTM*151*20000307/	***End date*** for the measurement period for the usage in this QTY loop
SE*112*0012/	Transaction Set Trailer; segment count; control number assigned by originator

Response to Request for Historic Usage for GAS Includes Additional Information

ST*867*0008/	Transaction Set header;transaction defined is an ***867***; control number assigned by originator
BPT*52*2001062730326001*20010627*DD/	Transaction is a ***Response to Historical Inquiry***; Unique id number for this transaction; transaction creation date; Report type is ***Historic Usage***
N1*SJ*AMERADA HESS*1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*NAME/	Customer Name
N4*FLUSHING*NY*11355-2426**TX*8009/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*233939360100025/	Utility assigned account number for the customer
PTD*BQ***OZ*GAS/	This PTD loop pertains to ***Metered Consumption Detail***; Service is ***Gas***
REF*MG*3660153/	Meter Number
REF*NH*931/	Utility Rate Service Class associated with this meter
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*5067*HH/	Consumption reported is actual; quantity measured is ***5,067***; unit is ***CCF***
DTM*150*20010131/	Measurement period ***start date*** for this QTY loop

DTM*151*20010302/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*6646*HH/	Consumption reported is actual; quantity measured is ***6,646***; unit is ***CCF***
DTM*150*20001229/	Measurement period ***start date*** for this QTY loop
DTM*150*20010131/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*5806*HH/	Consumption reported is actual; quantity measured is ***5,806***; unit is ***CCF***
DTM*150*20001130/	Measurement period ***start date*** for this QTY loop
DTM*151*20001229/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*2986*HH/	Consumption reported is actual; quantity measured is ***2,986***; unit is ***CCF***
DTM*150*20001027/	Measurement period ***start date*** for this QTY loop
DTM*151*20001130/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1236*HH/	Consumption reported is actual; quantity measured is ***1,236***; unit is ***CCF***
DTM*150*20000928/	Measurement period ***start date*** for this QTY loop
DTM*151*20001027/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1022*K1/	Consumption reported is actual; quantity measured is ***1,022***; unit is ***CCF***
DTM*150*20000829/	Measurement period ***start date*** for this QTY loop
DTM*151*20000928/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*955*HH/	Consumption reported is actual; quantity measured is ***955***; unit is ***CCF***
DTM*150*20000731/	Measurement period ***start date*** for this QTY loop
DTM*151*20000829/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1281*HH/	Consumption reported is actual; quantity measured is ***1,281***; unit is ***CCF***
DTM*150*20000629/	Measurement period ***start date*** for this QTY loop
DTM*151*20000731/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point

MEA*AN*PRQ*1211*HH/	Consumption reported is actual; quantity measured is ***1,211***; unit is ***CCF***
DTM*150*20000531/	Measurement period ***start date*** for this QTY loop
DTM*151*20000629/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*1524*HH/	Consumption reported is actual; quantity measured is ***1,524***; unit is ***CCF***
DTM*150*20000501/	Measurement period ***start date*** for this QTY loop
DTM*151*20000531/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*2822*HH/	Consumption reported is actual; quantity measured is ***2,822***; unit is ***CCF***
DTM*150*20000321/	Measurement period ***start date*** for this QTY loop
DTM*151*20000501/	Measurement period ***end date*** for this QTY loop
QTY*FL*1/	Historic usage in this QTY loop is from ***one*** service delivery point
MEA*AN*PRQ*3418*HH/	Consumption reported is actual; quantity measured is ***3,418***; unit is ***CCF***
DTM*150*20000302/	Measurement period ***start date*** for this QTY loop
DTM*151*20000331/	Measurement period ***end date*** for this QTY loop
PTD*FG*OZ*GAS/	Additional Information
REF*0N*E/	Customer Supply Status
REF*TX*Y/	Utility Tax Exempt Status
SE*59*0008/	Transaction set trailer; segment count; control number assigned by originator of this transaction

Response to Request for Historic Usage with only Additional Information

ST*867*0008/	Transaction Set header;transaction defined is an ***867***; control number assigned by originator
BPT*52*2001062730326001*20010627*DD/	Transaction is a ***Response to Historical Inquiry***; Unique id number for this transaction; transaction creation date; Report type is ***Historic Usage***
N1*SJ*AMERADA HESS*1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*NAME/	Customer Name
N4*FLUSHING*NY*11355-2426**TX*8009/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*233939360100025/	Utility assigned account number for the customer
PTD*FG*OZ*EL/	Additional Information
REF*0N*E/	Customer Supply Status
REF*TX*Y/	Utility Tax Exempt Status
REF*TDT*C/	Account Settlement Indicator (Electric)
QTY*KZ*476*K1/	~~Electric Capacity Assignment~~ICAP
QTY*9N*1/	Number of Meters

REF*MG*12345/	Meter Number
SE*59*0008/	Transaction set trailer; segment count; control number assigned by originator of this transaction