

New York Implementation Standard

For Standard Electronic Transactions

TRANSACTION SET

867

Consumption History/Gas Profile

Ver/Rel 004010

	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 <ul style="list-style-type: none"> 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
	<ul style="list-style-type: none"> 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 <u>Discount Indicator</u>), REF*SG (Utility Discount), QTY*KZ (ICAP Tag), QTY*9N (Number of Meters) and REF*MG (Meter Number). <p>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.</p>
	Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary.
	<p>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:</p> <ul style="list-style-type: none"> 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.

DRAFT

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Each response will contain up to 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 4224 months, or life of the account, whichever is shorter. The gas profile data is a weather normalized forecast for a 4224 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	<ul style="list-style-type: none"> 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.

Description of PTD Loops	<ul style="list-style-type: none"> 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. 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<p>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.</p> <p>Request: Required</p> <p>Accept Response: Required</p> <p>Reject Response: Required unless account number was not provided on the request.</p> <p>REF*12*2931839200</p>

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

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		

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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				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	
5253	110	QTY	Quantity (Projected Usage - Normal)	O	1
LOOP ID - QTY				1	
5254	110	QTY	Quantity (Projected Monthly Usage)	O	1
LOOP ID - QTY				1	
5355	110	QTY	Quantity (Projected Delivery - Normal)	O	1

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			LOOP ID - QTY 1
5356	110	QTY	Quantity (Projected Monthly Delivery Quantity) O 1
			LOOP ID - QTY 1
5457	110	QTY	Quantity (Projected Daily Delivery Quantity) O 1
			LOOP ID - QTY 1
5558	110	QTY	Quantity (Projected Usage - Design) O 1
			LOOP ID - QTY 1
5559	110	QTY	Quantity (Projected Delivery - Design) O 1
			LOOP ID - QTY 1
5560	110	QTY	Quantity (Projected Balancing Use) O 1
5661	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
5661	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 are sent by utilities 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	ST01	143	Transaction Set Identifier Code 867 Product Transfer and Resale Report	M ID 3/3
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Mand.</u>	<u>Des.</u>	<u>Element</u>		
	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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Mand.</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>M</u> <u>ID</u> <u>2/3</u>
	N101	98 Entity Identifier Code	
		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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<p>Required</p> <p>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.</p> <p>N1~8R~MARY SMITH N1~8R~NAME</p>

Data Element Summary

	Ref.	Data	Name	Attributes
Mand.	Des.	Element		
	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.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>Required when the utility assigned account number for the customer has changed in the last 90 days.</p> <p>REF~45~9194132485705971</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<p>1 If either PTD02 or PTD03 is present, then the other is required.</p> <p>2 If either PTD04 or PTD05 is present, then the other is required.</p>
Semantic Notes:	
Comments:	
Notes:	<p>Conditional</p> <p>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.</p> <p>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).</p> <p>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.</p> <p>PTD~BO~~OZ~EL</p>

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.</p> <p>REF~PR~RSVD REF~PR~NRSVD</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Required</p> <p>An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.</p> <table> <tr> <td>MEA~BR~PRQ~10101~KH~~~41</td><td>10101 kWh billed off peak use</td></tr> <tr> <td>MEA~AN~PRQ~12.3~K1~~~51</td><td>12.3 kW total recorded demand</td></tr> <tr> <td>MEA~BR~PRQ~11.4~K1~~~51</td><td>11.4 kW total billed demand</td></tr> <tr> <td>MEA~AN~PRQ~2.1~K1~~~41</td><td>2.1 kW recorded off peak demand</td></tr> <tr> <td>MEA~AN~PRQ~7.3~K1~~~42</td><td>7.3 kW recorded on peak demand</td></tr> <tr> <td>MEA~AN~PRQ~3~K1~~~43</td><td>3 kW recorded shoulder peak demand</td></tr> <tr> <td>MEA~BR~PRQ~750~KH~~~41</td><td>750 kWh billed off peak kilowatt hours</td></tr> <tr> <td>MEA~EN~PRQ~1275~TD</td><td>1275 Estimated Therms</td></tr> <tr> <td>MEA~CQ~PRQ~358~TD</td><td>358 Calculated Quantity in Therms</td></tr> </table>	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
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u> <u>O</u> <u>ID 2/2</u>
Must Use	MEA01	737	Measurement Reference ID Code	
			AN Work	
			BR Billed History	
			CQ Payment Orders	
			EN 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
49	Summer On Peak
50	Mist
51	Winter On Peak
57	Predominant
58	Winter Mid Peak
73	Total At the utility's option, this code will be used to designate Total Energy or Total Billed Demand.
74	Boarded or Blocked Up
75	Summer Total
84	Planned
85	Winter Total
86	Low to High
87	Summer Off Peak
88	Low to Medium
89	Summer Intermediate Peak
90	Low to Moderate
91	Winter Off Peak
92	Good to High
93	High Tension On Peak Energy
94	High
	High Tension Off Peak Energy
	Budgeted
	Low Tension On Peak Energy
	Forecast
	Low Tension Off Peak Energy
	Adjusted
	Low Tension Total Energy
	Allocated
	Low Tension Primary Demand
	Increasing
	Low Tension Secondary Demand
	Stable
	Low Tension Transmission Demand
	Declining
	High Tension Total Energy
	Previous
	High Tension Primary Demand
	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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.</p> <p>REF~PR~RSVD REF~PR~NRSVD</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<p>1 At least one of QTY02 or QTY04 is required.</p> <p>2 Only one of QTY02 or QTY04 may be present.</p>
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	<p>Required</p> <p>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.</p> <p>QTY~FL~44 Reported consumption is summarized from 44 unmetered points</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MEA01	737	Measurement Reference ID Code	O ID 2/2
			AN Work	
			BR Billed History	
			CQ Payment Orders	
			EN 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 Consumption delivered for service period.	
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.</p> <p>REF~PR~RSVD REF~PR~NRSVD</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<p>1 At least one of QTY02 or QTY04 is required.</p> <p>2 Only one of QTY02 or QTY04 may be present.</p>
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	<p>Required</p> <p>QTY~FL~1 Data is associated with 1 service delivery point.</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Required</p> <p>An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.</p> <table> <tr> <td>MEA~BR~PRQ~10101~KH~~~41</td><td>10101 kWh billed off peak use</td></tr> <tr> <td>MEA~AN~PRQ~12.3~K1~~~51</td><td>12.3 kW total recorded demand</td></tr> <tr> <td>MEA~BR~PRQ~11.4~K1~~~51</td><td>11.4 kW total billed demand</td></tr> <tr> <td>MEA~AN~PRQ~2.1~K1~~~41</td><td>2.1 kW recorded off peak demand</td></tr> <tr> <td>MEA~AN~PRQ~7.3~K1~~~42</td><td>7.3 kW recorded on peak demand</td></tr> <tr> <td>MEA~AN~PRQ~3~K1~~~43</td><td>3 kW recorded shoulder peak demand</td></tr> <tr> <td>MEA~BR~PRQ~750~KH~~~41</td><td>750 kWh billed off peak kilowatt hours</td></tr> <tr> <td>MEA~EN~PRQ~1275~TD</td><td>1275 Estimated Therms</td></tr> <tr> <td>MEA~CQ~PRQ~358~TD</td><td>358 Calculated Quantity in Therms</td></tr> </table>	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
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MEA01	737	Measurement Reference ID Code	O ID 2/2
			AN	Work
			BR	Period Actual 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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.

PTD~BG~~~OZ~GAS

Data Element Summary

Mand.	Ref. Des.	Data Element	Name	Attributes
	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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>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.</p> <p>DTM~629~20010315</p>

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier NH	M ID 2/3
			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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.</p> <p>REF~PR~RSVD REF~PR~NRSVD</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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.	Data	Name	Attributes
Mand.	<u>Des.</u>	<u>Element</u>		
	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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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.

PTD~SM~~~OZ~GAS

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>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.</p> <p>DTM~582~~~~MM~01 Report period is January DTM~582~~~~MM~10 Report period is October</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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: 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier	M ID 2/3
			0N	Attached To Customer Supply Status
				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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	<ol style="list-style-type: none"> 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:	<p>Required</p> <p>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.</p> <p>REF~TX~Y</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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

Cond.	Ref. Des.	Data Element	Name	Attributes
	REF01	128	Reference Identification Qualifier	M ID 2/3
			TDT	Technical Documentation Type Account Settlement
				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 Discount Indicator)
Position:	030
Loop:	PTD Optional (Dependent)
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	20
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Cond.	REF01	128	Reference Identification Qualifier	M ID 2/3
			YP	Selling Arrangement NYPA Discount Indicator The customer receives any special incentives from the New York Power Authority.
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 Indicator)
Position:	030
Loop:	PTD Optional (Dependent)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	20
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<p>Conditional</p> <p>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 non-residential 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.</p> <p>REF~SG~Y</p>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Cond.	REF01	128	Reference Identification Qualifier	M ID 2/3
			SG	SavingsUtility Discount Indicator
				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 (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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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 Kilowatt Kilowatt Demand
				<u>There is a Special Program Adjustment Indicator related to the ICAP Tag. For example, a NYPA adjustment has been applied.</u>

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

Mand.	Ref. Des.	Data Element	Name	Attributes	
				M	ID 2/2
	QTY01	673	Quantity Qualifier		
			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:	<ol style="list-style-type: none"> 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:	<p>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.</p> <p>The REF*MG is not required when consumption is reported on an account basis or when a gas profile is provided.</p> <p>For example: QTY~9N~3 REF~MG~13259131 REF~MG~59381932 REF~MG~10393823 REF~MG~UNMETERED</p> <p>QTY~9N~0 REF~MG~UNMETERED</p>

Data Element Summary

	Ref.	Data		Attributes
Mand.	Des.	Element	Name	
	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.	Data		Attributes
	Des.	Element	Name	
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 (NGRID-NY)

ST*867*0003/	Transaction Set header; transaction defined is an 867; control number assigned by originator
BPT*52*2014091030326001*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

Response to Request for Historical Usage for Gas (NGRID-NY) - Continued

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

Response to Request for Historical Usage for Gas (NGRID-NY) - Continued

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

Response to Request for Historical Usage for Gas (NGRID-NY) - Continued

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

Response to Request for Historical Usage for Gas (NGRID-NY) - Continued

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

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

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

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

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

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; <u>transaction</u> 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
<u>REF*12*233939360100025/</u>	<u>Utility assigned account number for the customer</u>

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

Gas Profile Data for the Same Account (Con Edison) - Continued

<u>QTY*AY*2442*TD/</u>	<u>Quantity reported is projected weather normalized monthly usage including line losses; unit is Therms</u>
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
<u>PTD*SM***OZ*GAS/</u>	<u>PTD loop contains Gas Profile Data; service is Gas</u>

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

Gas Profile Data for the Same Account (Con Edison)- Continued

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

Gas Profile Data for the Same Account (Con Edison) - Continued

<u>PTD*SM***OZ*GAS/</u>	<u>PTD loop contains Gas Profile Data; service is Gas</u>
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
<u>PTD*SM***OZ*GAS/</u>	<u>PTD loop contains Gas Profile Data; service is Gas</u>

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
<u>QTY*FL*1/</u>	<u>QTY Loop #2: Number of service delivery end points represented in this QTY loop is 1</u>

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

Response Contains Electric Detail Interval Usage Data - Continued

<u>MEA*AN*PRQ*184*KH***42/</u>	<u>Recorded on-peak usage was 184 Kilowatt hours for this period</u>
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
<u>QTY*FL*1/</u>	<u>QTY Loop #7:</u> Number of service delivery end points represented in this QTY loop is 1

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

Response Contains Electric Detail Interval Usage Data - Continued

<u>DTM*151*20001229/</u>	<u>End date</u> 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
<u>QTY*FL*1/</u>	<u>QTY Loop #12:</u> Number of service delivery end points represented in this QTY loop is 1

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

Response Contains Electric Detail Interval Usage Data - Continued

<u>MEA*AN*PRQ*364*KH***43/</u>	<u>Recorded intermediate-peak usage was 364 Kilowatt hours for this period</u>
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
<u>QTY*FL*1/</u>	<u>QTY Loop #17:</u> Number of service delivery end points represented in this QTY loop is <u>1</u>

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

Response Contains Electric Detail Interval Usage Data- Continued

<u>DTM*151*20000824/</u>	<u>End date</u> 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
<u>QTY*FL*1/</u>	<u>QTY Loop #22:</u> Number of service delivery end points represented in this QTY loop is 1

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

Response Contains Electric Detail Interval Usage Data - Continued

<u>MEA*AN*PRQ*411*KH***41/</u>	<u>Recorded off-peak usage was 411 Kilowatt hours for this period</u>
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
<u>QTY*FL*1/</u>	<u>QTY Loop #27: Number of service delivery end points represented in this QTY loop is 1</u>

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

Response Contains Electric Detail Interval Usage Data- Continued

<u>DTM*151*20000525/</u>	<u>End date for the measurement period in which the usage in this QTY loop was recorded</u>
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 Unmetered 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
<u>QTY*FL*1/</u>	<u>QTY Loop #4: Usage in this QTY loop is for 1 service delivery point on this account</u>
<u>MEA*BR*PRQ*0*KH/</u>	<u>Billed usage was 0 Kilowatt hours for this period</u>
<u>DTM*150*20001010/</u>	<u>Start date for the measurement period for the usage in this QTY loop</u>

Response Contains Electric Unmetered Usage Data - Continued

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

Response Contains Electric Unmetered Usage Data - Continued

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 Unmetered 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
<u>QTY*FL*3/</u>	<u>QTY Loop #4: Usage in this QTY loop is summarized for 3 service delivery points on</u>

	this account
<u>MEA*BR*PRQ*1250*KH/</u>	<u>Billed usage was 1250 Kilowatt hours for</u>
	<u>this period</u>
<u>DTM*150*20001010/</u>	<u>Start date for the measurement period for</u>
	<u>the usage in this QTY loop</u>

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

Response Contains Electric Unmetered Usage Data - Continued

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

Response Contains Electric Unmetered Usage Data - Continued

<u>QTY*FL*3/</u>	<u>QTY Loop #11:</u> Usage in this QTY loop is summarized for 3 service delivery points on this account
<u>MEA*BR*PRQ*1250*KH/</u>	<u>Billed usage was 1250 Kilowatt hours</u> for this period
<u>DTM*150*20000307/</u>	<u>Start date</u> for the measurement period for the usage in this QTY loop
<u>DTM*151*20000406/</u>	<u>End date</u> 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**

Response to Request for Historic Usage for GAS Includes Additional Information - Continued

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

Response to Request for Historic Usage for GAS Includes Additional Information - Continued

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/	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