

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 Supply Status), REF*IJ (Industrial Classification Code), REF*TX (Utility Tax Exempt Status), REF*TDT (Account Settlement Indicator), REF*YP (NYPA Discount Indicator), REF*SG (Utility Discount Indicator), REF*ZV (Enrollment Block), QTY*KZ (ICAP Tag),DTM*007(ICAP Effective Dates), QTY*9N (Number of Meters) and REF*MG (Meter Number). <p>This loop is used when data is available from the utility. In the event that no historical usage is available on the account, this may be the only information contained within the 867HU.</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 <p>Added possible value to MEA01: CQ – Calculated Quantity</p>
	<p>Replaced references to Marketer and E/M with ESCO.</p>
<p>July 24, 2015 Version 1.3</p>	<p>Version 1.3 Issued</p>
	<ul style="list-style-type: none"> • Errata – <ul style="list-style-type: none"> ○ Corrected incomplete loops in Detail: section. ○ Corrected acronym for North American Industry Classification System. ○ Corrected PTD Product Transfer and Resale Detail (Metered Summary) segment example.
<p><u>January 29, 2016</u> <u>Version 1.4</u></p>	<p><u>Version 1.4 Issued</u></p>
	<ul style="list-style-type: none"> • <u>Addition of new segments REF Reference Identification (ISO Location Based Marginal Pricing Zones) and REF Reference Identification (Gas Pool ID) to describe customer supply locations, where necessary, on a pre-enrollment basis.</u> • <u>Modifications to notes QTY Quantity (ICAP) segment to</u> <ul style="list-style-type: none"> ○ <u>Indicate that multiple QTY*KZ loops may be provided when future ICAP Tags have been calculated.</u> ○ <u>Provide examples.</u> ○ <u>Enhanced notes for Codes K1 & AJ regarding Special Program Adjustment Indicators</u> • <u>Errata</u> <ul style="list-style-type: none"> ○ <u>Added missing segment in Detail: section.</u> •○ <u>Generalized identities in examples.</u>

	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 24 months, or life of the account, whichever is shorter. The gas profile data is a weather normalized forecast for a 24 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.

<p>Description of PTD Loops</p>	<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.
<p>Data Element Attributes</p>	<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.
<p>Definitions</p>	<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.
<p>Companion Documents</p>	<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:
 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:

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.

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

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

One or more examples.

Data Element Summary

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

This column documents differences between X12 and NY use for each data element:
 Mand. (Mandatory) – Required by X12
 Must Use – Required by NY
 Cond. (Conditional)
 Optional

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)

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		
13	120	REF	Reference Identification (ISO Location Based Marginal Pricing Zones)	O	1		
14	120	REF	Reference Identification (Gas Pool ID)	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PTD							>1
4315	010	PTD	Product Transfer and Resale Detail (Metered Summary)	O	1		
4416	030	REF	Reference Identification (Utility Rate Service Class)	O	1		
4517	030	REF	Reference Identification (Rate Sub Class)	O	1		
4618	030	REF	Reference Identification (Load Profile)	O	1		
LOOP ID - QTY							>1
4719	110	QTY	Quantity	O	1		
4820	160	MEA	Measurements	O	40		
2022	210	DTM	Date/Time Reference (Period Start Date)	O	1		
2423	210	DTM	Date/Time Reference (Period End Date)	O	1		

NY 867 Consumption History/Gas Profile

LOOP ID - PTD					>1	
	2224	010	PTD	Product Transfer and Resale Detail (Unmetered Usage)	O	1
	2325	030	REF	Reference Identification (Utility Rate Service Class)	O	1
	2426	030	REF	Reference Identification (Rate Sub Class)	O	1
	2527	030	REF	Reference Identification (Load Profile)	O	1
LOOP ID - QTY					>1	
	2628	110	QTY	Quantity	O	1
	2729	160	MEA	Measurements	O	1
	2830	210	DTM	Date/Time Reference (Period Start Date)	O	1
	2931	210	DTM	Date/Time Reference (Period End Date)	O	1
LOOP ID - PTD					>1	
	3032	010	PTD	Product Transfer and Resale Detail (Metered Consumption Detail)	O	1
	3133	030	REF	Reference Identification (Meter Number)	O	1
	3234	030	REF	Reference Identification (Utility Rate Service Class)	O	1
	3335	030	REF	Reference Identification (Rate Sub Class)	O	1
	3436	030	REF	Reference Identification (Load Profile)	O	1
LOOP ID - QTY					>1	
	3537	110	QTY	Quantity	O	1
	3638	160	MEA	Measurements	O	40
	3840	210	DTM	Date/Time Reference (Period Start Date)	O	1
	3941	210	DTM	Date/Time Reference (Period End Date)	O	1
LOOP ID - PTD					1	
	4042	010	PTD	Product Transfer and Resale Detail (Gas Profile Factors)	O	1
	4143	020	DTM	Date/Time Reference (Profile Period Start Date)	O	1
	4244	020	DTM	Date/Time Reference (Date Customer Initiated Service)	O	1
	4345	030	REF	Reference Identification (Utility Rate Service Class)	O	1
	4446	030	REF	Reference Identification (Rate Sub Class)	O	1
LOOP ID - QTY					1	
	4547	110	QTY	Quantity (Base)	O	1
LOOP ID - QTY					1	
	4648	110	QTY	Quantity (Slope)	O	1
LOOP ID - QTY					1	
	4749	110	QTY	Quantity (Load Factor)	O	1
LOOP ID - QTY					1	
	4850	110	QTY	Quantity (UFG Rate)	O	1
LOOP ID - QTY					1	
	4951	110	QTY	Quantity (Maximum Delivery)	O	1
LOOP ID - PTD					12	
	5052	010	PTD	Product Transfer and Resale Detail (Gas Profile Data)	O	1
	5153	020	DTM	Date/Time Reference (Report Month)	O	1
LOOP ID - QTY					1	
	5254	110	QTY	Quantity (Projected Monthly Usage)	O	1

NY 867 Consumption History/Gas Profile

LOOP ID - QTY				1
5355	110	QTY	Quantity (Projected Monthly Delivery Quantity)	O 1
LOOP ID - QTY				1
5456	110	QTY	Quantity (Projected Daily Delivery Quantity)	O 1
LOOP ID - QTY				1
5557	110	QTY	Quantity (Projected Balancing Use)	O 1
5658	140	AMT	Monetary Amount (Projected Swing Charges)	O 1
LOOP ID - PTD				1
5759	010	PTD	Product Transfer and Resale Detail (Additional Information)	O 1
5860	030	REF	Reference Identification (Customer Supply Status)	O 1
5961	030	REF	Reference Identification (Industrial Classification Code)	O 1
6062	030	REF	Reference Identification (Utility Tax Exempt Status)	O 1
6163	030	REF	Reference Identification (Account Settlement Indicator)	O 1
6264	030	REF	Reference Identification (NYPA Discount Indicator)	O 1
6365	030	REF	Reference Identification (Utility Discount Indicator)	O 1
6466	030	REF	Reference Identification (Enrollment Block)	O 1
LOOP ID - QTY				>1
6567	110	QTY	Quantity (ICAP)	O 1
68	210	DTM	<u>Date/Time Reference (ICAP Effective Dates)</u>	<u>O 1</u>
LOOP ID - QTY				
6769	110	QTY	Quantity (Number of Meters)	O 1
6870	030	REF	Reference Identification (Meter Number)	O 1

Summary:

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

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

Segment: **N1** Name (ESCO)
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

Notes: Required
 N1~SJ~~24~163456789

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Mand.	N101	98 Entity Identifier Code SJ Service Provider Identifies the ESCO participating in this transaction.	M ID 2/3
	N102	93 Name 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.	X AN 1/60
Must Use	N103	66 Identification Code Qualifier 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	X ID 1/2
Must Use	N104	67 Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Utility)
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

Notes: Required
 N1~8S~~1~006994708

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Mand.	N101	98 Entity Identifier Code 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
	N102	93 Name 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.	X AN 1/60
Must Use	N103	66 Identification Code Qualifier 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	X ID 1/2
Must Use	N104	67 Identification Code	X AN 2/80

Segment: **N1** Name (Customer)
Position: 080
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the customer in this transaction.
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

Notes: Required

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

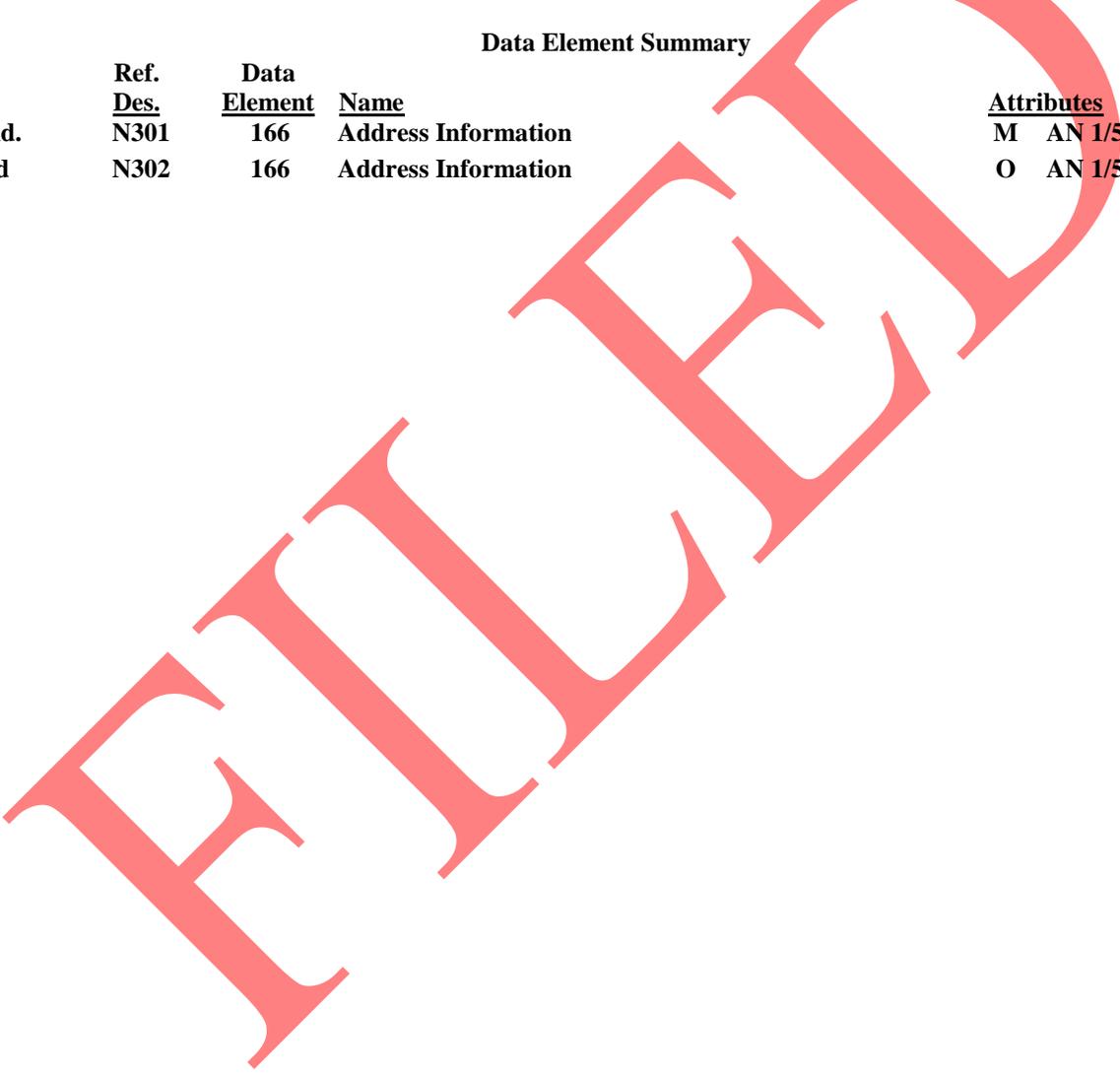
Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8R	M ID 2/3 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

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<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

<u>Ref. Des.</u>	<u>Data 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
N405	309	Location Qualifier	X ID 1/2
		TX Taxing District	
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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 is the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification 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)	X AN 1/30

Segment: **REF** Reference Identification (Previous Utility Account Number)
Position: 120
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional
 Required when the utility assigned account number for the customer has changed in the last 90 days.
 REF~45~9194132485705971

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 45 Old Account Number REF02 contains the Utility's previous account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification 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.	X AN 1/30

Segment: **REF** Reference Identification (ISO Location Based Marginal Pricing Zones)

Position: 120

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes:

Conditional
Optional - where supported by a utility for Electric accounts as detailed in its Utility Maintained EDI Guide. May be used if available in the utility's system and if utility's service territory is located within more than one Location Based Pricing Zone in New York.

REF~SPL~A

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
Must Use	REF01	128	Reference Identification Qualifier
			M ID 2/3
		Code qualifying the Reference Identification	
		<u>SPL</u>	<u>Standard Point Location Code (SPLC)</u>
			REF02 contains the ISO Assigned code for New York Location Based Pricing Zones when service type is EL.
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	
		A code assigned by the ISO that represents a location based marginal pricing zone. Valid Values for REF02:	
		A	WEST
		B	GENESE
		C	CENTRL
		D	NORTH
		E	MHK VL
		F	CAPITL
		G	HUD VL
		H	MILL WD
		I	DUNWOD
		J	N.Y.C.
		K	LONGIL
		M	HQ
		O	OH
		P	PJM

Segment: **REF** **Reference Identification (Gas Pool ID)**

Position: 120

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes:

Conditional
Optional - where supported by a utility for Gas accounts as detailed in its Utility Maintained EDI Guide. If requested by an ESCO not currently supplying the customer, the utility may send a gas supply area designation. If requested by an ESCO currently supplying the customer, the utility may send the Gas Pool ID to which the customer is assigned or a gas supply area designation.

REF~VI~211234567
REF~VI~TGP ZONE

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Must Use</u>	<u>REF01</u>	<u>128 Reference Identification Qualifier</u> <u>Code qualifying the Reference Identification</u>	<u>M ID 2/3</u>
		<u>VI</u>	<u>Pool Number</u>
			<u>Gas Pool IDs are assigned to a gas marketer by the Utility and are used to define a unique sub-grouping of customers.</u>
<u>Must Use</u>	<u>REF02</u>	<u>127 Reference Identification</u> <u>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</u>	<u>X AN 1/30</u>
			<u>Gas Pool ID or supply area associated with the customer.</u>

Segment: PTD Product Transfer and Resale Detail (Metered Summary)

Position: 010
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)

Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

- Syntax Notes:**
- 1 If either PTD02 or PTD03 is present, then the other is required.
 - 2 If either PTD04 or PTD05 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Conditional

Three PTD Loops with codes of BO, BC, or BQ have been provided for transmitting historic usage. Two PTD loops with codes of BG and SM are provided for transmitting gas profile data. The sender must use the correct PTD loop for the type of data being transmitted. For example, do not use PTD*BQ to send unmetered usage information. Data on unmetered service points should be summarized in the PTD*BC loop.

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

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

PTD~BO~~~OZ~EL

Data Element Summary

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

Segment: **REF** Reference Identification (Rate Sub Class)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

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

Data Element Summary

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

Segment: **REF** Reference Identification (Load Profile)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: Conditional
 Load Profile codes must be sent when the service is electric (PTD05=EL).
 REF~LO~L01

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier LO	M ID 2/3 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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier FL Units	M ID 2/2
Must Use	QTY02	380	Quantity	X R 1/15

QTY02 contains the number of metered service delivery points represented by the summarized data in this PTD loop.

Report the number of meters represented in the summarized data for the period indicated in the DTM segment.

Segment: **MEA** Measurements
Position: 160
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 40
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes:

Required
 An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	MEA01	737 Measurement Reference ID Code AN BR CQ EN	O ID 2/2 Work 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. Payment Orders Calculated Quantity Environmental Conditions Period Estimated
Must Use	MEA02	738 Measurement Qualifier PRQ	O ID 1/3 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 HH	M ID 2/2 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

Cond MEA07 935 Measurement ID 2/2

Significance Code

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
- 49 Mist
- 50 Winter On Peak
- 50 Predominant
- 50 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
- 57 Summer Total
- 58 Planned
- 58 Winter Total
- 73 Low to High
- 73 Summer Off Peak
- 74 Low to Medium
- 74 Summer Intermediate Peak
- 75 Low to Moderate
- 75 Winter Off Peak
- 84 Good to High
- 84 High Tension On Peak Energy
- 85 High
- 85 High Tension Off Peak Energy
- 86 Budgeted
- 86 Low Tension On Peak Energy
- 87 Forecast
- 87 Low Tension Off Peak Energy
- 88 Adjusted
- 88 Low Tension Total Energy
- 89 Allocated
- 89 Low Tension Primary Demand
- 90 Increasing
- 90 Low Tension Secondary Demand
- 91 Stable
- 91 Low Tension Transmission Demand
- 92 Declining
- 92 High Tension Total Energy
- 93 Previous
- 93 High Tension Primary Demand
- 94 Potential
- 94 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:

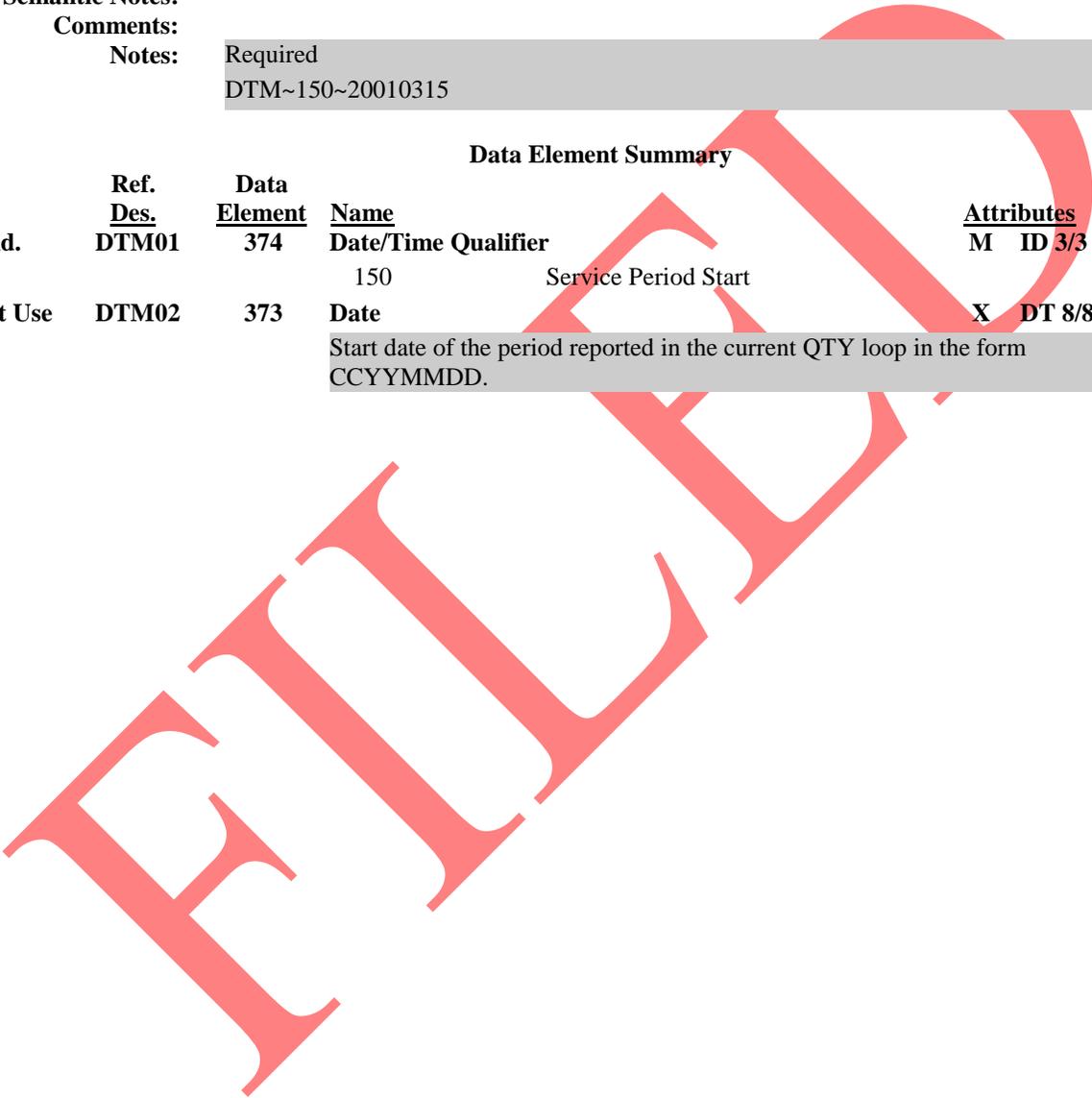
Comments:

Notes:

Required
 DTM~150~20010315

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 150 Service Period Start	M ID 3/3
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 151 Service Period End	M ID 3/3
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>Mand.</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	PTD01	521	Product Transfer Type Code BC Issue - Other Agency	M ID 2/2
Total for all unmetered Service points on the account for the commodity type indicated in PTD05.				
Must Use	PTD04	128	Reference Identification Qualifier OZ Product Number	X ID 2/3
PTD05 contains a code identifying the commodity reported in this transaction.				
Must Use	PTD05	127	Reference Identification EL Electric Service GAS Gas Service	X AN 1/30

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

Segment: **REF** Reference Identification (Rate Sub Class)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

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

Data Element Summary

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

Segment: **REF** Reference Identification (Load Profile)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional
 Load profile codes must be sent when the service is electric (PTD05=EL).
 REF~LO~L01

Data Element Summary

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

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

Data Element Summary

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

Segment: **MEA** Measurements

Position: 160

Loop: QTY Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes: 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: Required

MEA~BR~PRQ~10101~KH Billed consumption is 10,101 kilowatt hours

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	MEA01	737 Measurement Reference ID Code	O ID 2/2
		AN Work	
		BR Billed History	
		CQ Payment Orders	
		EN Calculated Quantity	
		EN Environmental Conditions	
		EN Period Estimated	
Must Use	MEA02	738 Measurement Qualifier	O ID 1/3
		PRQ Product Reportable Quantity	
		PRQ 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 150 Service Period Start	M ID 3/3
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 151 Service Period End	M ID 3/3
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>Mand.</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	PTD01	521	Product Transfer Type Code BQ Other	M ID 2/2
			Detail of metered service points on the account for the commodity type indicated in PTD05.	
Must Use	PTD04	128	Reference Identification Qualifier OZ	X ID 2/3
			PTD05 contains a code identifying the commodity reported in this transaction.	
Must Use	PTD05	127	Reference Identification EL GAS	X AN 1/30
			Electric Service	
			Gas Service	

Segment: **REF** Reference Identification (Meter Number)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Required
 REF~MG~012345678

Data Element Summary

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

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

Segment: **REF** Reference Identification (Rate Sub Class)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

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

Data Element Summary

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

Segment: **REF** Reference Identification (Load Profile)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: Conditional
 Load profile codes must be sent when the service is electric (PTD05=EL).
 REF~LO~L01

Data Element Summary

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

Segment: **QTY** Quantity
Position: 110
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity information. A separate Quantity loop is used for each register or measurement type provided by the meter.

Syntax Notes: 1 At least one of QTY02 or QTY04 is required.

2 Only one of QTY02 or QTY04 may be present.

Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:

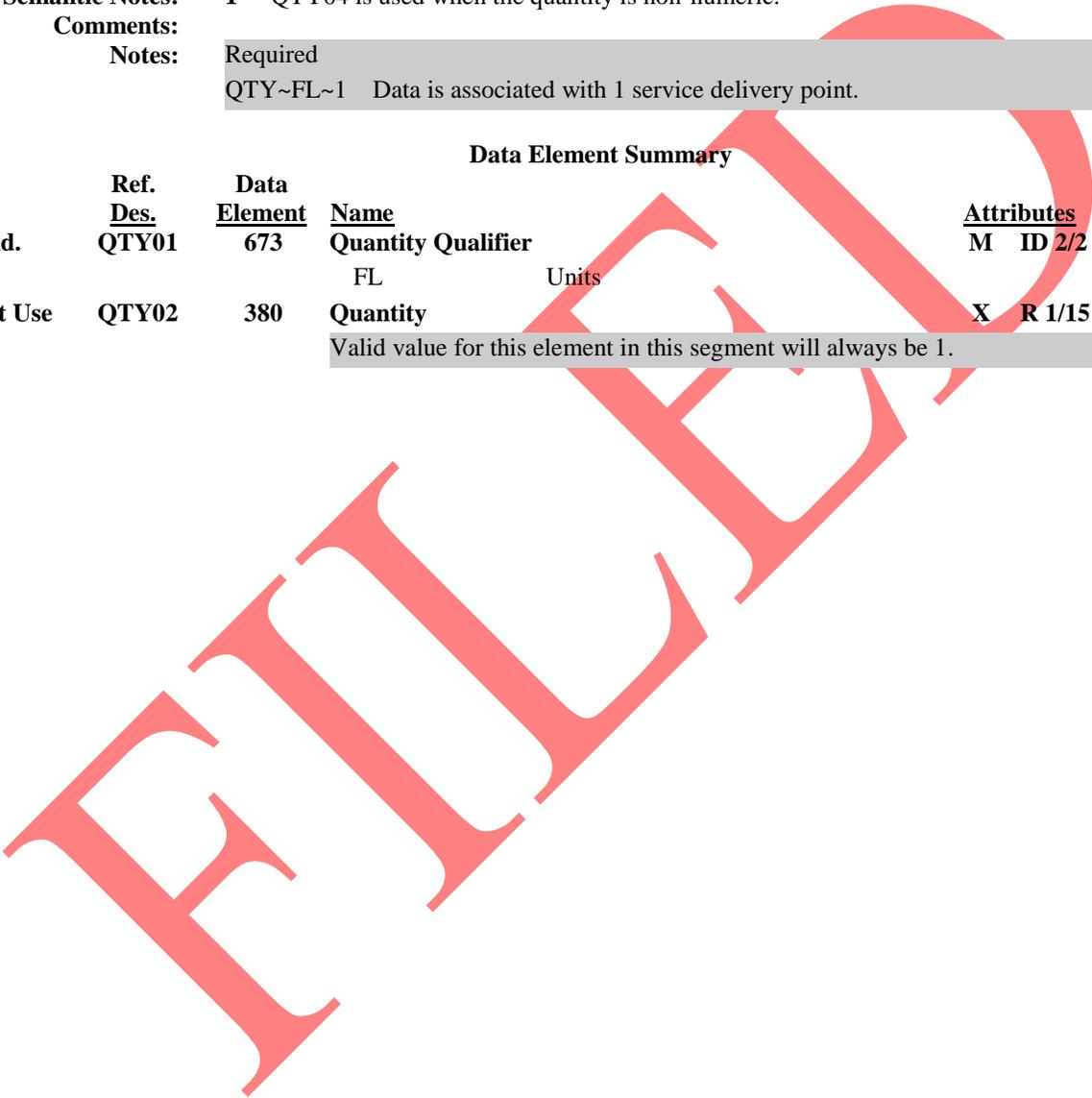
Notes:

Required
 QTY~FL~1 Data is associated with 1 service delivery point.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data 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:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes:

Required	
An MEA segment must be sent for each unit of measure and time interval where time intervals are applicable.	
MEA~BR~PRQ~10101~KH~~~41	10101 kWh billed off peak use
MEA~AN~PRQ~12.3~K1~~~51	12.3 kW total recorded demand
MEA~BR~PRQ~11.4~K1~~~51	11.4 kW total billed demand
MEA~AN~PRQ~2.1~K1~~~41	2.1 kW recorded off peak demand
MEA~AN~PRQ~7.3~K1~~~42	7.3 kW recorded on peak demand
MEA~AN~PRQ~3~K1~~~43	3 kW recorded shoulder peak demand
MEA~BR~PRQ~750~KH~~~41	750 kWh billed off peak kilowatt hours
MEA~EN~PRQ~1275~TD	1275 Estimated Therms
MEA~CQ~PRQ~358~TD	358 Calculated Quantity in Therms

Data Element Summary

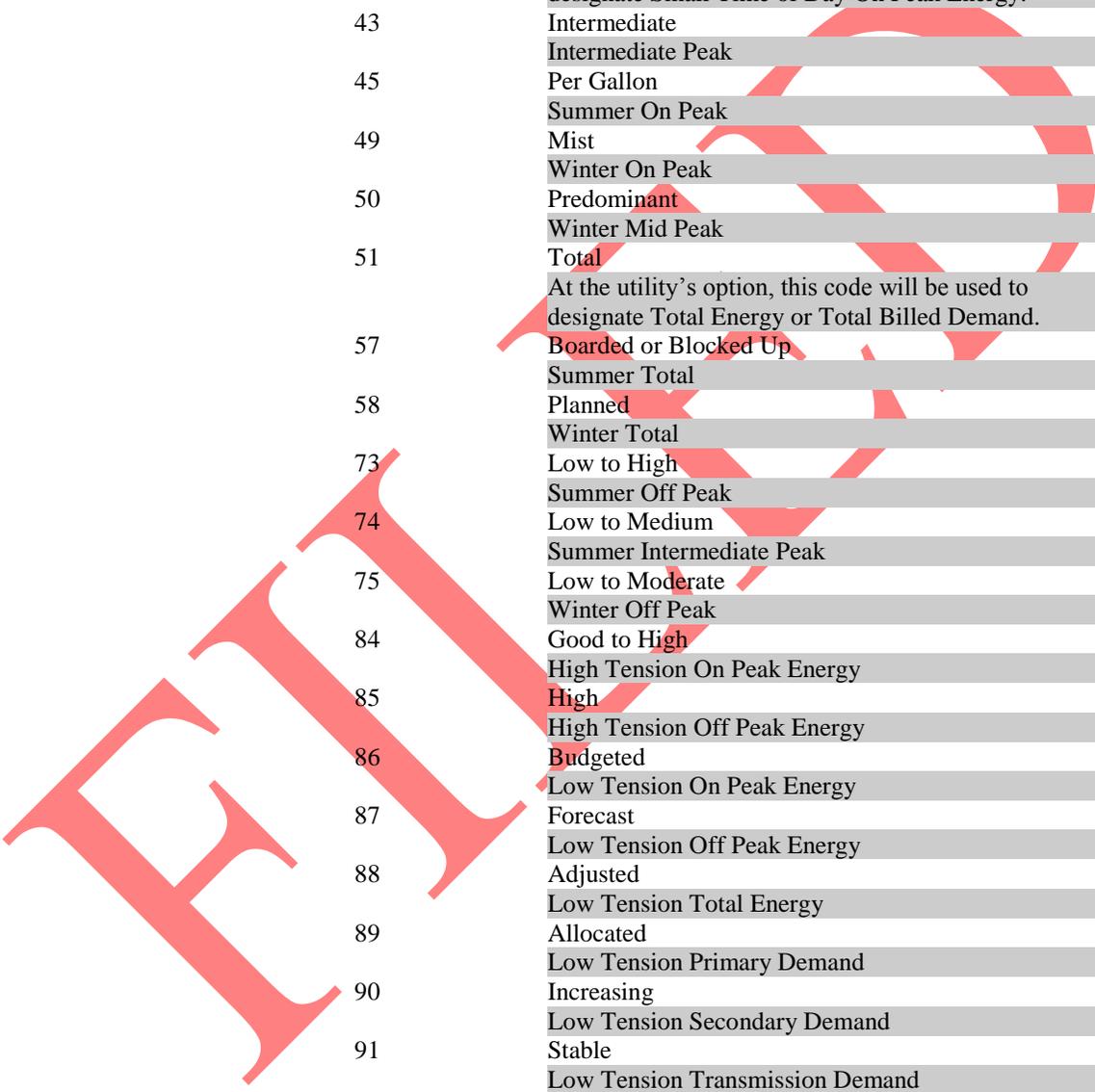
Ref. Des.	Data Element	Name	Attributes
Must Use	MEA01	737 Measurement Reference ID Code	O ID 2/2
			AN Work
			BR Billed History
			CQ Payment Orders
			EN Environmental Conditions
			PRQ Period Actual
Must Use	MEA02	738 Quantity PRQ	O ID 1/3
			Product Reportable Quantity Consumption
Must Use	MEA03	739 Measurement Value	X R 1/20
			Quantity of the consumption for the period indicated in the DTM segment.
Must Use Mand.	MEA04 C00101	C001 355 Composite Unit of Measure Unit or Basis for Measurement Code	X
			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 150 Service Period Start	M ID 3/3
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:

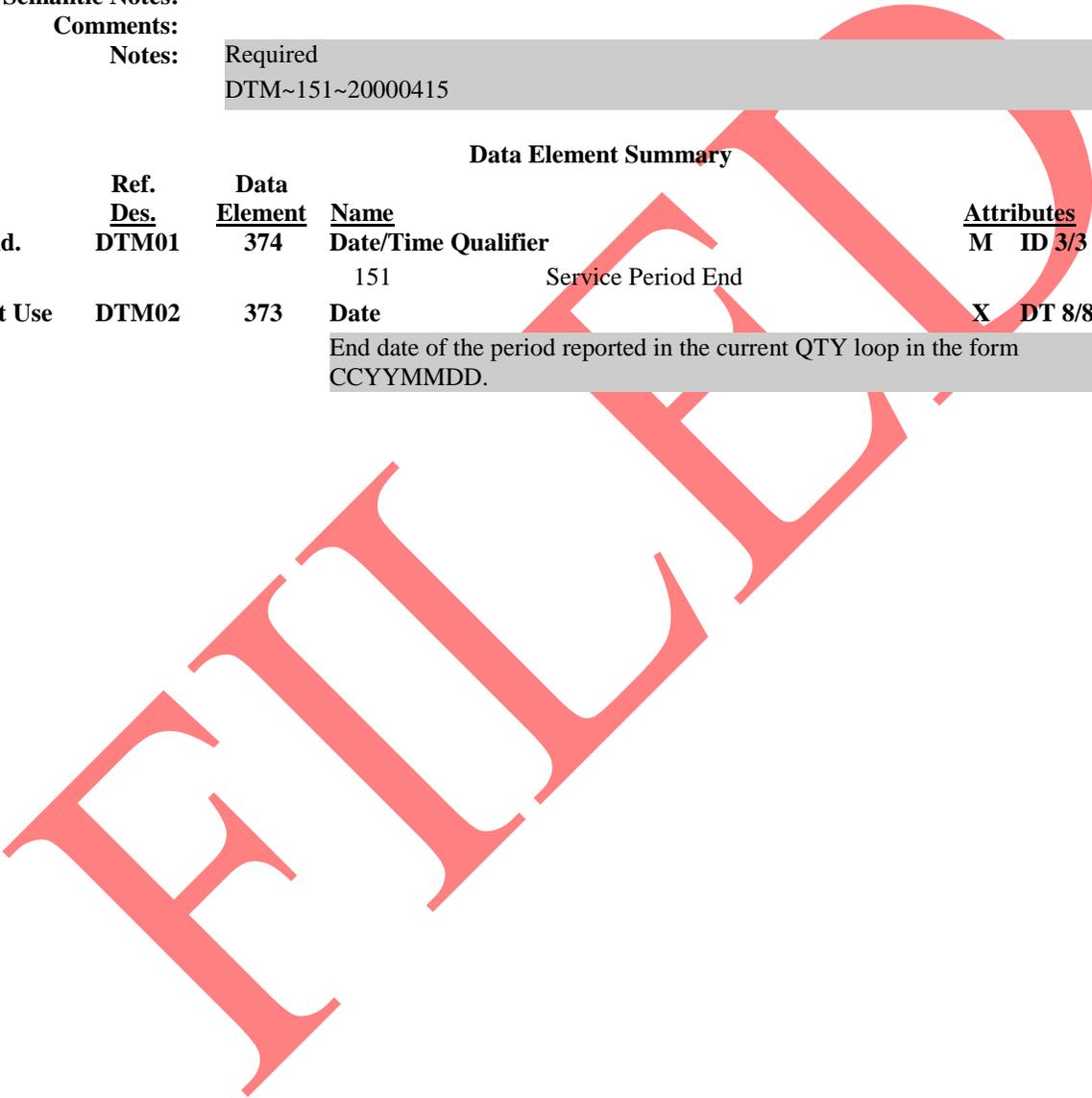
Comments:

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 151 Service Period End	M ID 3/3
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	PTD01	521	Product Transfer Type Code BG Test and Evaluation	M ID 2/2
			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 OZ Product Number	X ID 2/3
			PTD05 contains the code for the commodity reported in this PTD loop.	
Must Use	PTD05	127	Reference Identification GAS Gas Service	X AN 1/30

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:

Conditional
 Required when a Gas Profile is being sent.
 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 193 Period Start Profile Period Start Date	M ID 3/3
Must Use	DTM02	373	Date Date profile was created in the form CCYYMMDD.	X DT 8/8

Segment: **DTM** Date/Time Reference (Date Customer Initiated Service)
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
 2 If DTM04 is present, then DTM03 is required.
 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Conditional

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 629	M ID 3/3
			Account Opened	
			Date Customer Initiated Service	
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. Des.</u>	<u>Data 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 Utility Rate code	X AN 1/30

Segment: **REF** Reference Identification (Rate Sub Class)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

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

Data Element Summary

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

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

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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier FJ	M ID 2/2
			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 e.g., x.xx or x.xxxx.	
Must Use	QTY03	C001	Composite Unit of Measure	O
			Unit of Measurement	
Mand.	C00101	355	Unit or Basis for Measurement Code TD	M ID 2/2
			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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier LP	M ID 2/2
			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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier LH	M ID 2/2
			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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier CG	M ID 2/2
			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 Unit of Measurement	O
Mand.	C00101	355	Unit or Basis for Measurement Code TD Therms	M ID 2/2

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

Segment: **DTM** Date/Time Reference (Report Month)
Position: 020
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
 2 If DTM04 is present, then DTM03 is required.
 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Conditional

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

DTM~582~~~~MM~01 Report period is January
 DTM~582~~~~MM~10 Report period is October

Data Element Summary

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

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier AY	M ID 2/2
			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 Unit of Measurement	O
Mand.	C00101	355	Unit or Basis for Measurement Code TD Therms	M ID 2/2

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier 70	M ID 2/2
			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 TD Therms	M ID 2/2

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier WD	M ID 2/2
			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 Unit of Measurement	O
Mand.	C00101	355	Unit or Basis for Measurement Code TD Therms	M ID 2/2

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

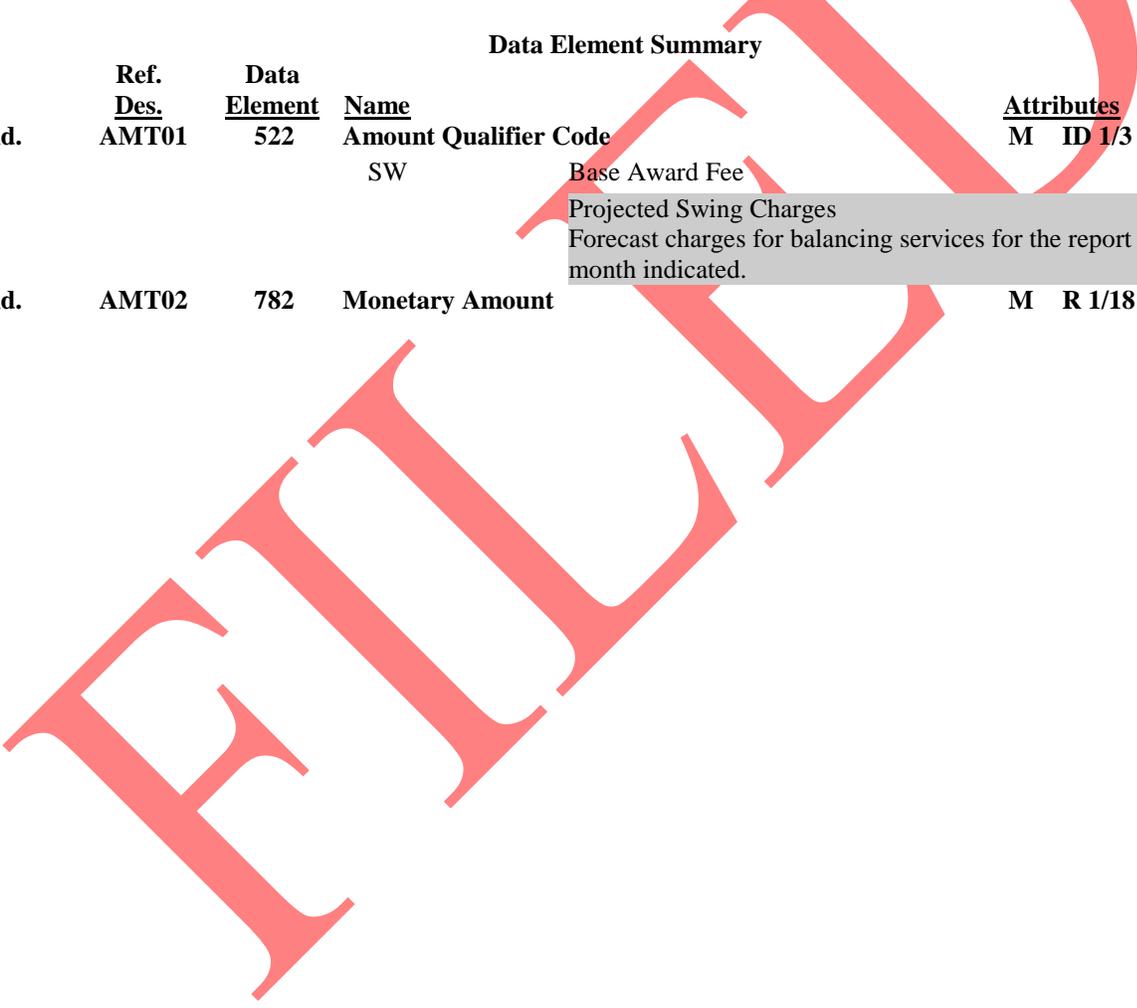
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	QTY01	673	Quantity Qualifier BA	M ID 2/2
			Due-In Projected Balancing Use The difference between the average daily usage for the historical monthly billing period (weather normalized) and the average daily summer usage for the report month indicated.	
Must Use	QTY02	380	Quantity	X R 1/15
Must Use	QTY03	C001	Composite Unit of Measure Unit of Measurement	O
Mand.	C00101	355	Unit or Basis for Measurement Code TD	M ID 2/2
			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 SW	M ID 1/3
			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
 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). The data provided is based upon what is available on the date the 867HU is provided.

 PTD~FG~~~OZ~GAS

Data Element Summary

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

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

Segment: **REF** Reference Identification (Industrial Classification Code)
Position: 030
Loop: PTD Optional (Dependent)
Level: Detail
Usage: Optional (Dependent)
Max Use: 20
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

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

Data Element Summary

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

Segment: **REF** Reference Identification (Utility Tax Exempt Status)

Position: 030

Loop: PTD Optional (Dependent)

Level: Detail

Usage: Optional (Dependent)

Max Use: 20

Purpose: To specify identifying information

Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: Required

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

REF~TX~Y

Data Element Summary

	<u>Ref. Des.</u>	<u>Data 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

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

Segment: **REF** Reference Identification (NYPA Discount 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 accounts, if available in the utility's system.
 REF~YP~N

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand..	REF01	128	Reference Identification Qualifier YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority.	M ID 2/3
Must Use	REF02	127	Reference Identification N No, the customer does not participate in NYPA Discount Indicator Y Yes, the customer participates in NYPA/Discount Indicator	X AN 1/30

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:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: Conditional

Required for non-residential accounts where the customer receives a commodity discount from the utility or a delivery discount that is dependent upon purchase of commodity from the utility. Further, the indicator should be set to "N" in cases where all 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.

REF~SG~Y

Data Element Summary

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

Segment: **REF** Reference Identification (Enrollment Block)
Position: 030
Loop: PTD Mandatory
Level: Detail
Usage: Optional
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
 Segment will be sent when customer has an enrollment block on an account.
 REF~ZV~EB

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier ZV Block Enrollment Block	M ID 2/3
Must Use	REF02	127	Reference Identification EB Enrollment Block	X AN 1/30

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. Multiple QTY*KZ loops may be provided when future ICAP Tags have been calculated.

QTY~KZ~.9278291476~K1
 DTM~007~RD8~20140501-20150430
 QTY~KZ~5.9999999~K1
 DTM~007~RD8~20150501-20160430
 QTY~KZ~.8314101249~AJ
 DTM~007~RD8~20150501-20160430

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand..	QTY01	673	Quantity Qualifier KZ	M ID 2/2
			Corrective Action Requests-Written ICAP Tag	
Must Use	QTY02	380	Quantity ICAP Tag	X R 1/15
	QTY03	C001	Composite Unit of Measure	O
Mand.	C00101	355	Unit or Basis for Measurement Code K1	M ID 2/2
			Kilowatt Demand <u>There is no Special Program Adjustment Indicator related to the ICAP Tag.</u>	
			AJ Adjusted Kilowatt Demand <u>The customer participates in NYPA/ReCharge New York or another Special Program which is covering some portion of this account's ICAP Tag. This unit of measure indicates that the QTY02 represents the remaining ICAP Tag obligation left over after the</u> <u>There is a Special Program's -Adjustment Indicator related to the ICAP Tag. For example, a NYPA-adjustment has been applied.</u>	

Segment: **DTM** Date/Time Reference (ICAP Effective Dates)
Position: 210
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Conditional
 Required if ICAP Tag (QTY*KZ) is sent.

 QTY~KZ~476~K1
 DTM~007~~~~RD8~20140601-20150531

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 007 Effective ICAP Tag Effective Dates	M ID 3/3
Must Use	DTM05	1250	Date Time Period Format Qualifier RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	X ID 2/3
Must Use	DTM06	1251	Date Time Period Period expressed in the format CCYYMMDD-CCYYMMDD	X AN 1/35

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

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

- Segment:** **REF** Reference Identification (Meter Number)
- Position:** 190
- Loop:** QTY Optional (Dependent)
- Level:** Detail
- Usage:** Optional (Dependent)
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
 - 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
 - 1 REF04 contains data relating to the value cited in REF02.
- Comments:**
- Notes:**

Required - One REF segment will be sent for each Meter Number on the account and/or one REF segment would be sent if there are unmetered services on the account.

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

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

QTY~9N~0
 REF~MG~UNMETERED

Data Element Summary

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

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:

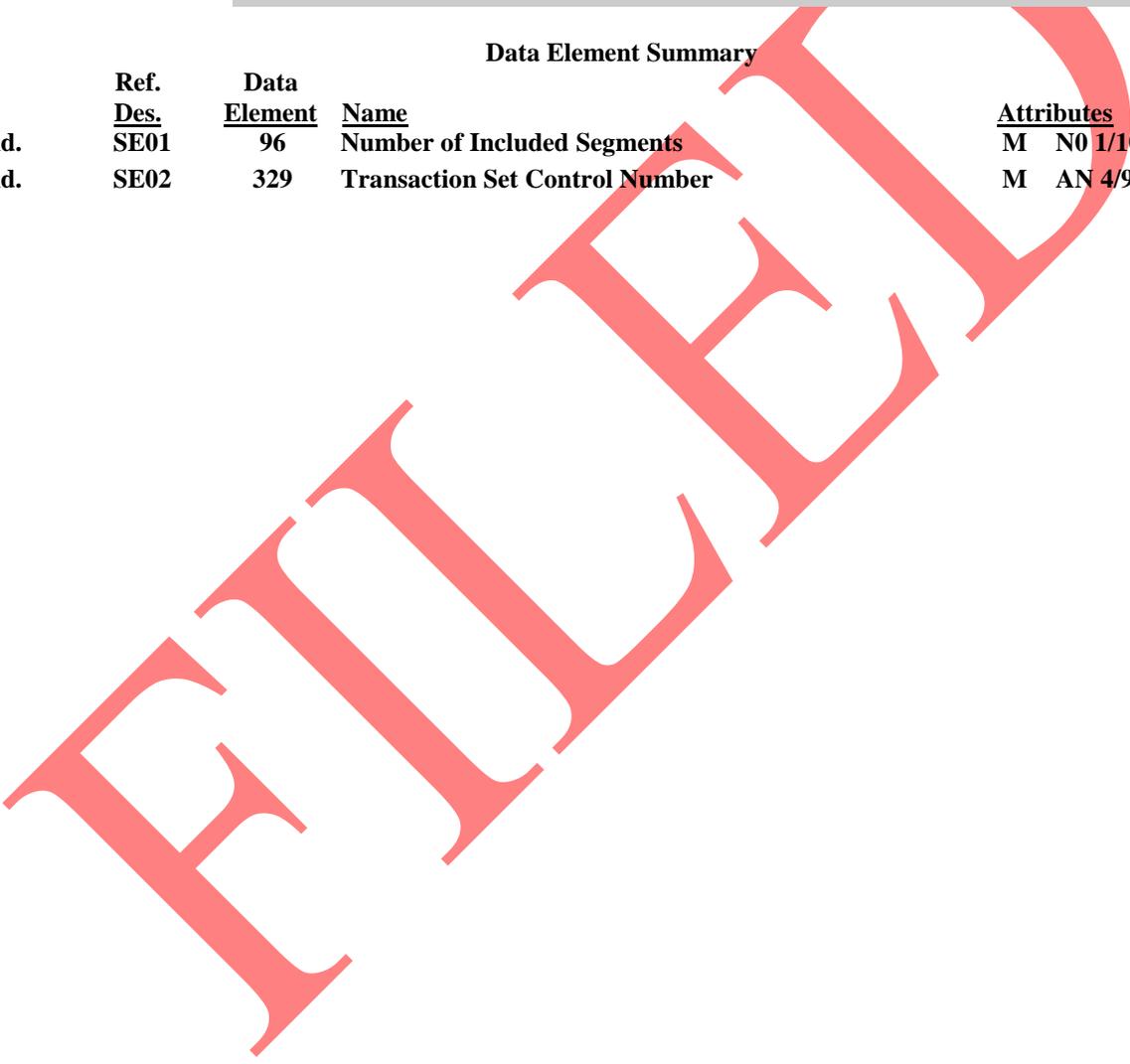
Semantic Notes:

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

Notes: Required
 SE~99~0001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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* ESCO NAME 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/	Customer Name
PTD*BG***OZ*GAS	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

FILED

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

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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* ESCO NAMEAMERADA HESS *1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*CUSTOMER 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 (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

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

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Gas Profile Data for the Same Account (Con Edison)

ST*867*0004/	Transaction Set header; transaction defined is an 867 ; control number assigned by originator
BPT*52*2001062730326001*20010627*41/	Transaction is a Response to Historical Inquiry ; Unique id number for this transaction; transaction creation date; Report type is Gas Profile
N1*SJ* ESCO NAMEAMERADA HESS *1*006977763/	ESCO Name and DUNS number
N1*8S*CON EDISON*1*006982359/	Utility Name and DUNS number
N1*8R*CUSTOMER NAME/	Customer Name
N4*FLUSHING*NY*11355-2426**TX*8009/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*233939360100025/	Utility assigned account number for the customer
PTD*BG***OZ*GAS/	PTD loop contains Gas Profile Factors ; service is Gas
DTM*193*199970901/	Profile Period Start Date
REF*NH*931/	Utility Rate Service Class
QTY*CG*7136*TD/	Maximum Delivery Quantity for the gas profile period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*08/	Data in this loop is for August
QTY*AY*926*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*956*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*32*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*185*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*11.29/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*09/	Data in this loop is for September
QTY*AY*1024*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*1058*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*36*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*205*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*12.49/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*10/	Data in this loop is for October

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

QTY*AY*2442*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*2523*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*84*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*1186*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*72.32/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*11/	Data in this loop is for November
QTY*AY*2979*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*3078*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*106*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*1765*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*107.66/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*12/	Data in this loop is for December
QTY*AY*6286*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*6494*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*216*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*5030*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*306.81/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582***MM*01/	Data in this loop is for January
QTY*AY*7136*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*7372*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*246*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*5880*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*358.65/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas

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

DTM*582****MM*02/ QTY*AY*5645*TD/	Data in this loop is for February 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/ QTY*AY*4068*TD/	Data in this loop is for March 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/ QTY*AY*3009*TD/	Data in this loop is for April 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/ QTY*AY*1727*TD/	Data in this loop is for May 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

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

PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582****MM*06/	Data in this loop is for June
QTY*AY*1744*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*1802*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*62*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*530*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*32.33/	Amount reported is the estimated swing charges for the period
PTD*SM***OZ*GAS/	PTD loop contains Gas Profile Data ; service is Gas
DTM*582****MM*07/	Data in this loop is for July
QTY*AY*985*TD/	Quantity reported is projected weather normalized monthly usage including line losses ; unit is Therms
QTY*70*1018*TD/	Quantity reported is the projected monthly delivery quantity ; unit is Therms
QTY*WD*34*TD/	Quantity reported is the projected daily delivery quantity , unit is Therms
QTY*BA*197*TD/	Quantity reported is the projected balancing use , unit is Therms
AMT*SW*12.02/	Amount reported is the estimated swing charges for the period
SE*95*0004/	Transaction Set Trailer; segment count; control number assigned by originator

Response Contains Electric Detail Interval Usage Data

ST*867*0011/	Transaction Set header; transaction defined is an 867 ; control number assigned by originator
BPT*52*2001062730326001*20010706*DD/	Transaction is a Response to Historical Inquiry ; Unique id number for this transaction; transaction creation date; Report type is Historic Usage
N1*SJ* ESCO NAME 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/	Customer Name
N4*NAPLES*NY*14512-9116**TX*3272/	Customer's City, State, Postal Code and Current Tax District Code
REF*12*245610/	Utility assigned account number for the customer
PTD*BQ***OZ*EL/	PTD loop contains Metered Consumption Detail ; Service is Electric
REF*MG*82582420/	Meter number
REF*NH*04/	Utility Rate Service Class associated with this meter
REF*PR*TR3/	Utility Rate Sub Class associated with this meter
REF*LO*MSL/	Utility Load Profile Code associated with this meter
QTY*FL*1/	QTY Loop #1 : Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*145*KH***42/	Recorded on-peak usage was 145 Kilowatt hours for this period
DTM*150*20010131/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #2 : Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*558*KH***41/	Recorded off-peak usage was 558 Kilowatt hours for this period
DTM*150*20010131/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #3 : Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*267*KH***43/	Recorded intermediate-peak usage was 267 Kilowatt hours for this period
DTM*150*20010131/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010227/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #4 : Number of service delivery end points represented in this QTY loop is 1

Response Contains Electric Detail Interval Usage Data - Continued

MEA*AN*PRQ*184*KH***42/	Recorded on-peak usage was 184 Kilowatt hours for this period
DTM*150*20001229/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #5: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*646*KH***41/	Recorded off-peak usage was 646 Kilowatt hours for this period
DTM*150*20001229/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #6: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*336*KH***43/	Recorded intermediate-peak usage was 336 Kilowatt hours for this period
DTM*150*20001229/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20010131/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #7: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*147*KH***42/	Recorded on-peak usage was 147 Kilowatt hours for this period
DTM*150*20001129/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001229/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #8: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*562*KH***41/	Recorded off-peak usage was 562 Kilowatt hours for this period
DTM*150*20001129/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001229/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #9: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*331*KH***43/	Recorded intermediate-peak usage was 331 Kilowatt hours for this period
DTM*150*20001129/	Start date for the measurement period in which the usage in this QTY loop was recorded

Response Contains Electric Detail Interval Usage Data - Continued

DTM*151*20001229/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #10: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*0*KH***42/	Recorded on-peak usage was 0 Kilowatt hours for this period
DTM*150*20001026/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #11: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*578*KH***41/	Recorded off-peak usage was 578 Kilowatt hours for this period
DTM*150*20001026/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #12: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*531*KH***43/	Recorded intermediate-peak usage was 531 Kilowatt hours for this period
DTM*150*20001026/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001129/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #13: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*17*KH***42/	Recorded peak usage was 17 Kilowatt hours for this period
DTM*150*20000926/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #14: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*523*KH***41/	Recorded off-peak usage was 523 Kilowatt hours for this period
DTM*150*20000926/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #15: Number of service delivery end points represented in this QTY loop is 1

Response Contains Electric Detail Interval Usage Data - Continued

MEA*AN*PRQ*364*KH***43/	Recorded intermediate-peak usage was 364 Kilowatt hours for this period
DTM*150*20000926/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20001026/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #16: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*187*KH***42/	Recorded peak usage was 187 Kilowatt hours for this period
DTM*150*20000824/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #17: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*470*KH***41/	Recorded off-peak usage was 470 Kilowatt hours for this period
DTM*150*20000824/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #18: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*321*KH***43/	Recorded intermediate-peak usage was 321 Kilowatt hours for this period
DTM*150*20000824/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000926/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #19: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*140*KH***42/	Recorded on-peak usage was 140 Kilowatt hours for this period
DTM*150*20000728/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000824/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #20: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*404*KH***41/	Recorded off-peak usage was 404 Kilowatt hours for this period
DTM*150*20000728/	Start date for the measurement period in which the usage in this QTY loop was recorded

Response Contains Electric Detail Interval Usage Data- Continued

DTM*151*20000824/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #21: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*245*KH***43/	Recorded intermediate-peak usage was 245 Kilowatt hours for this period
DTM*150*20000728/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000824/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #22: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*187*KH***42/	Recorded on-peak usage was 187 Kilowatt hours for this period
DTM*150*20000626/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #23: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*462*KH***41/	Recorded off-peak usage was 462 Kilowatt hours for this period
DTM*150*20000626/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #24: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*312*KH***43/	Recorded intermediate-peak usage was 312 Kilowatt hours for this period
DTM*150*20000626/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000728/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #25: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*118*KH***42/	Recorded on-peak usage was 118 Kilowatt hours for this period
DTM*150*20000525/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #26: Number of service delivery end points represented in this QTY loop is 1

Response Contains Electric Detail Interval Usage Data - Continued

MEA*AN*PRQ*411*KH***41/	Recorded off-peak usage was 411 Kilowatt hours for this period
DTM*150*20000525/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #27: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*323*KH***43/	Recorded intermediate-peak usage was 323 Kilowatt hours for this period
DTM*150*20000525/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000626/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #28: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*0*KH***42/	Recorded on-peak usage was 0 Kilowatt hours for this period
DTM*150*20000425/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #29: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*410*KH***41/	Recorded off-peak usage was 410 Kilowatt hours for this period
DTM*150*20000425/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #30: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*428*KH***43/	Recorded intermediate-peak usage was 428 Kilowatt hours for this period
DTM*150*20000425/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000525/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #31: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*0*KH***42/	Recorded peak usage was 0 Kilowatt hours for this period
DTM*150*20000425/	Start date for the measurement period in which the usage in this QTY loop was recorded

Response Contains Electric Detail Interval Usage Data- Continued

DTM*151*20000525/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #32: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*557*KH***41/	Recorded off-peak usage was 557 Kilowatt hours for this period
DTM*150*20000323/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000425/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #33: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*515*KH***43/	Recorded intermediate-peak usage was 515 Kilowatt hours for this period
DTM*150*20000323/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000425/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #34: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*35*KH***42/	Recorded peak usage was 35 Kilowatt hours for this period
DTM*150*20000223/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #35: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*433*KH***41/	Recorded off-peak usage was 433 Kilowatt hours for this period
DTM*150*20000223/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	End date for the measurement period in which the usage in this QTY loop was recorded
QTY*FL*1/	QTY Loop #36: Number of service delivery end points represented in this QTY loop is 1
MEA*AN*PRQ*409*KH***43/	Recorded intermediate-peak usage was 409 Kilowatt hours for this period
DTM*150*20000223/	Start date for the measurement period in which the usage in this QTY loop was recorded
DTM*151*20000323/	End date for the measurement period in which the usage in this QTY loop was recorded
SE*157*0011/	Transaction Set Trailer; segment count; control number assigned by originator

Response Contains Electric Unmetered Usage Data

ST*867*0012/	Transaction Set header; transaction defined is an 867 ; control number assigned by originator
BPT*52*20000301145101*20010706*DD/	Transaction is a Response to Historical Inquiry ; Unique id number for this transaction; transaction creation date; Report type is Historic Usage
N1*SJ* ESCO NAME 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/	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
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

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*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
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

Response Contains Electric Unmetered Usage Data - Continued

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

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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* ESCO NAME AMERADA-HESS*1*006977763/	ESCO Name and DUNS number
N1*8S* CON EDISON UTILITY NAME*1*006982359/	Utility Name and DUNS number
N1*8R*CUSTOMER_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

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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*ON*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 HESSESCO NAME *1*006977763/	ESCO Name and DUNS number
N1*8S* CON EDISONUTILITY NAME *1*006982359/	Utility Name and DUNS number
N1*8R* CUSTOMER 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*ON*E/	Customer Supply Status
REF*TX*Y/	Utility Tax Exempt Status
REF*TDT*C/	Account Settlement Indicator (Electric)
QTY*KZ*476*K1/	ICAP
DTM*007****RD8*20140601-20150531/	ICAP Effective Dates
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