

New Jersey GAS Implementation Guideline

For

Electronic Data Interchange

TRANSACTION SET

867

Monthly Usage

Ver/Rel 004010

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Summary of Changes

February 10, 2000 Version 1.0	Initial Release.
February 22, 2000 Version 1.1	<ul style="list-style-type: none"> • Changed MEA**ZA to reflect CCF to Therm conversion factor. • Removed Unmetered Services detail loop (PTD01=BD) as no NJ gas utilities plan to send this data.
June 9, 2000 Version 1.2	<ul style="list-style-type: none"> • Replaced “How to use Implementation Guideline” • Changed 1999 to 2000 in all examples • Segment <ul style="list-style-type: none"> ○ PTD - Added PTD04 and PTD05 to all PTD segments to identify as gas transaction ○ QTY - Removed all references to Electric units and added Gas units ○ MEA- Removed all references to Electric units and added Gas units • Added Segments to Metered Services Loop (PTD01=PM) <ul style="list-style-type: none"> ○ MEA*CF – Conversion Factor ○ MEA**PU – Pressure Base • Removed Segment MEA*ZA • Corrected all examples
July 12, 2000 Version 1.3	<ul style="list-style-type: none"> • Added segments REF*DQ and REF*SJ to Meter loop to convey HMAD and MDQ values per New Jersey Natural Gas requirements
May 23, 2001 Version 1.4	<ul style="list-style-type: none"> • Corrected position and loop for segment REF*DQ and REF*SJ • Corrected element number and description for MEA01 for segment MEA*CF • Corrected element attribute on MEA04 for segment MEA meter readings. • Added Table of contents • Added Data Dictionary • Alphabetized REF segments in the PTD*PM (meter) loop.
June 21, 2001 Version 1.5	<ul style="list-style-type: none"> • Corrected NJ use note for segment REF*DQ and REF*SJ • Corrected example for segment QTY quality delivered in Meter Loop • Corrected example for segment MEA meter readings and deleted comment • Correct format for segment MEA*CF • Corrected Use Note on Segment REF*11 (ESP Account Number)
October 20, 2006 Version 1.6	<ul style="list-style-type: none"> • Added PTD loop FG=Scheduling Determinants to provide DQC for 12 months; • Corrected page references in the Index
October 30, 2006 Version 1.7	<ul style="list-style-type: none"> • Added DTM reference to the 867 Product Transfer and Resale Report on page 6 for the loop ID = QTY; added a sample for the PTD FG loop,
November 02, 2006 Version 1.8	<ul style="list-style-type: none"> • Corrected PTD FG loop information and added guidance regarding appearance of DCQs in cancel/rebill situations.
April 16, 2012 Version 1.9	<ul style="list-style-type: none"> • EDI Example 1 Account with one meter – deleted “PSE&G”. PSE&G uses single meter with PTD*FG loop for Scheduling Determinants to provide DCQ values.

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|-----------------------------------|---|
| September 10, 2014
Version 2.0 | <ul style="list-style-type: none">• Added documentation for SJG for difference between QTY Measurement Codes between BB, SU, PM Loop |
| December 15, 2014 | <ul style="list-style-type: none">• Added note regarding PSEG cancel/rebill when supplier is no longer active supplier |
| March 29, 2017
Version 2.1 | <ul style="list-style-type: none">• Incorporated CC 014 which clarifies use of DTM514 for multiple meter exchanges within same service period. Added example for PSEG.• Updated Notes regarding PSEG cancel/rebill when supplier is no longer active. |
| April 30, 2019
Version 2.2 | <ul style="list-style-type: none">• Incorporated CC NJG018 to update MEA*PU to reflect PSEG's usage. |
| September 10, 2019
Version 2.3 | <ul style="list-style-type: none">• Administrative Updates and corrections from CC NJG018 and NJG013 showing PSEG's updates |
| January 31, 2023
Version 2.4 | <ul style="list-style-type: none">• Incorporated CC 022 for ETG:<ul style="list-style-type: none">○ Update notes that cancel usage cancels supplier charges○ Update BPT07 Final Usage indicator supported○ Update gray box for REF*PR that ETG uses to indicate heat or non-heat○ Update QTY gray box that ETG uses HH for meter measurements○ Update MEA PU gray box that ETG does not support |

How to Use the Implementation Guideline

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.

This section is used to show the X12 Rules for this segment. You must look further into the gray boxes below for State Rules.

Notes:	Recommended by UIG
PA Use:	Must be identical to account number as it appears on the customer’s bill, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included.
	Request: Required Accept Response: Required Reject Response: Required
NJ Use:	Same as PA
Example:	REF*12*2931839200

The “Notes:” section generally contains notes by the Utility Industry Group (UIG).

This section is used to show the individual State’s 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>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		12	Billing Account GDC assigned account number for end use customer.	
Must Use	REF02	127	Reference Identification Qualifier Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

This column shows the use of each data element. If state rules differ, this will show “Conditional” and the conditions will be explained in the appropriate gray boxes.

These are X12 code descriptions, which often do not relate to the information we are trying to send. Unfortunately, X12 cannot keep up with our code needs so we often change the meaning of existing codes. See gray box for the UIG or state definitions.

This column shows the X12 attributes for each data element. Please refer to Data Dictionary for individual state rules.
 M = Mandatory, O= Optional, X = Conditional
 AN = Alphanumeric, N# = Decimal value, ID = Identification, R = Real
 1/30 = Minimum 1, Maximum 30

PTD Loops Definition**Notes**

The PTD Loops are required. Some are used individually, others are used in pairs. This section describes the purpose of each PTD loop. Depending on the characteristics of the account, there may be a different number of loops.

Monthly Billed Summary Information (PTD=BB): This loop is always required for every type of account if the GDC reads the meter.

Monthly Billed Summary (PTD01=BB): One PTD per Account - Data obtained from the billing system to reflect the billing data for this account.

Metered Services Information (PTD01 = SU and PM) – These loops are used to convey the usage for metered data, at both a detail level by meter by unit of measure (PTD01=PM) and for some units of measure, at a summary level for all meters (PTD01=SU).

Metered Services Summary (PTD01=SU): Summing to the account level by unit of measure. Data is obtained from the metering system. For every PTD01=SU, there must be a PTD01=PM.

Metered Services Detail (PTD01=PM): One or more PTDs, one for each unit of measure for each meter. Data is obtained from the metering system. In the case of one meter reporting one unit of measure, the PTD01=PM will be the same as the PTD01=SU and both must be provided. If you have two meters and each meter measures kW and kWh, you will send one PTD SU Loop. The kWh readings from Meter 1 and Meter 2 will be summed and provided in one PTD SU Loop.

Unmetered Services Information (PTD01 = BC) – These loops are used to convey the usage for any unmetered portion of an account. This information must be provided, at a minimum, at the summary level (PTD01=BC).

Unmetered Services Summary (PTD01=BC): Total Consumption for all unmetered services at the account level. Even though some of the consumption may be estimated, the consumption is reported as actual for unmetered services. Only the summary is required at this time for Unmetered Services.

Note: In New Jersey, the Unmetered Services Detail PTD loop will be not be required.

Cancellations

- The MEA is an optional segment on a cancellation.
- Cancel 867s will be by metering period, i.e. same as the original 867's. Rebills may be for multiple periods.
- The “from” and “to” dates on the cancel must match exactly with the original usage.
- On a cancellation, the signs are not reversed (don't change positive usage to negative usage). Quantities will not be negative on Cancels. Cancels should be interpreted as negative consumption.
- The consumption sent in the cancel must match the consumption sent in the original transaction.
- Cancels must be sent at the same level of detail as the original usage.
- Elizabethtown Gas cancel usage cancels supplier charges.

Restatements	<ul style="list-style-type: none">• In order to restate usage for a period, the metering party must first completely cancel all usage for that period; then send the full set of restatement transactions.• If you receive a cancellation, you will not necessarily receive a restatement (i.e. if the data was sent to you in error in the first place).• The “from” and “to” dates on the restatement transactions do not have to match the corresponding original or cancel transactions for the same period.• Restatements across multiple cycles may match original from and to dates or may cross bill cycles.• An 867 cancel can be followed by an 867 original the next month. The metering period would include the metering period from the cancelled and the current usage.
Reporting of usage if supplier is not providing 100% of gas supply	The usage information provided in the 867 is the total usage not the prorated information. Meter reading party will always send total consumption rounded to nearest unit of measure.
GDC Definitions:	<ul style="list-style-type: none">• The term GDC (Gas Distribution Company) in this document refers to the utility.
ESP Definitions:	<ul style="list-style-type: none">• The term ESP (Energy Service Provider) in this document refers to the supplier.

Data Dictionary for 867 Monthly Usage

<i>867 Monthly Usage</i>					
<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Related EDI Qualifier</i>	<i>Data Type</i>
<i>Header Information</i>					
1.	Purpose Code	00 - Original 01 - Cancellation - Cancels an entire Usage	BPT01		X(2)
2.	Transaction Reference Number	Unique Number identifying this transaction assigned by the sender of the transaction. This number should be unique over all time. This number will also be shown on the related 810 document (both Bill Ready and Rate Ready), and for cases where the billing party makes the other party whole, on the 820 document.	BPT02		X(30)
3.	System Date	Date that the data was processed by the sender's application system.	BPT03		9(8)
4.	Report Type Code	"DD" Monthly Usage "KJ" Meter Changeout when Meter Agent Changes -	BPT04	BPT01	X(2)
5.	Final Indicator	Indicates if this is a final reading for that particular ESP (e.g., customer moves, customer switches, etc.).	BPT07 = F		X(1)
6.	Transaction Reference Number	Transaction Reference Number echoed from BPT02 of the Original Transaction	BPT09		X(30)
7.	Document Due Date/Time	The last date/time that information will be accepted by the billing party for processing the bill. If 810 is received after this date/time, and the billing party cannot process it, they must notify the non-billing party (via 824.)	DTM02 (CCYYMMDD) and DTM03(HHMM)	DTM01= 649	DTM02= 9(8) and DTM03= 9(4)
8.	GDC Name	GDC's Name	N102	N1: N101 = 8S	X(60)
9.	GDC Duns	GDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = 8S N103 = 1 or 9	X(13)
10.	ESP Name	ESP's Name	N102	N1: N101 = SJ	X(60)
11.	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = SJ N103 = 1 or 9	X(13)
12.	Customer Name	Customer Name	N102	N1: N101 = 8R	X(60)

13.	GDC Account Number	GDC Customer Account Number	REF02	N1: N101*8R Loop REF01 = 12	X(30)
14.	ESP Account Number	ESP Customer Account Number	REF02	N1: N101*8R Loop REF01 = 11	X(30)
15.	Billing Type	Indicates type of billing - GDC consolidated Billing (REF02=LDC) - ESP consolidated Billing (REF02=ESP) - Dual bills (REF02=DUAL)	REF02	LIN: REF01= BLT	X(4)
16.	Billing Calculation Method	Indicates party to calculate bill. - GDC calculates bill (REF02=LDC) - Each calculate portion (REF02=DUAL)	REF02	LIN: REF01= PC	X(4)
Please refer to General Notes for details about the use of the PTD loop combinations.					
Monthly Billed Summary - Loop Required if the GDC reads the meter					
This information is obtained from the billing system to reflect billing data for this account at the unit of measure level.					
17.	Product Transfer Type	Monthly Billed Summary	PTD01= BB		X(2)
18.	Service Period Begin Date	Start date of the period for which the reads are provided	DTM02	DTM01 = 150	9(8)
19.	Service Period End Date	End date of the period for which the reads are provided	DTM02	DTM01 = 151	9(8)
20.	Quantity Qualifier	Represents whether the quantity is actual or estimated: QD = Actual KA = Estimated	QTY01		X(2)
21.	Quantity Delivered - Billed Therms	This data is taken from the GDC billing system and reflects the Therm amount on which the customer was billed.	QTY02	QTY01	-9(10).9(4)
22.	Quantity Delivered Unit of Measurement	Indicates unit of measurement for quantity of consumption delivered during service period. TD – Therms	QTY03		X(2)
Metered Services Summary - Loop required if there are metered services on the account					
23.	Product Transfer Type	Metered Services Summary	PTD01= SU		X(2)
24.	Service Period Begin Date	Start date of the period for which the reads are provided	DTM02	DTM01 = 150	9(8)
25.	Service Period End Date	End date of the period for which the reads are provided	DTM02	DTM01 = 151	9(8)
26.	Quantity Qualifier	Represents whether the quantity is actual or estimated: QD = Actual KA = Estimated	QTY01		X(2)
27.	Quantity Delivered	Represents quantity of consumption delivered for service period. Contains the difference in the meter reads multiplied by various factors.	QTY02	QTY01	-9(10).9(4)

28.	Quantity Delivered Unit of Measurement	Indicates unit of measurement for quantity of consumption delivered during service period. Only valid for Therms (TD).	QTY03		X(2)
Metered Services Detail - Loop Required if there are metered services on the account					
29.	Product Transfer Type	Metered Services Detail	PTD01= PM		X(2)
30.	Service Period Begin Date	Start date of the service period or start date of the changed in meter.	DTM02	DTM01 = 150	9(8)
31.	Service Period End Date	End date of the service period or end date of the changed out meter.	DTM02	DTM01 = 151	9(8)
32.	Meter Change Out Date	Used in conjunction with either the Service Period Start Date or the Service Period End Date to indicate when a meter has been replaced. Separate PTD loops must be created for each period and meter.	DTM02	DTM01 = 514	X(12)
33.	Highest Month Average Daily (HMAD)	Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	REF02	REF01 = DQ	9(15).99
34.	Number of Dials / Digits and related decimal positions	Needed to determine usage if meter reading rolls over during the billing period. Number of dials on the meter displayed as the number of dials to the left of the decimal, a decimal point, and number of dials to the right of the decimal.	REF02	REF01 = IX	9.9
35.	Meter Role	Effect of consumption on summarized total. S = Subtractive (consumption subtracted from summarized total). A = Additive (consumption contributed to summarized total - do nothing). I = Ignore (consumption did not contribute to summarized total - do nothing).	REF02	REF01 = JH	X(30)
36.	Meter Number	Serial number of this specific meter (may have multiple meters)	REF02	REF01 = MG	X(30)
37.	GDC Rate Code	Code indicating the rate a customer is being charged by GDC per tariff. Codes posted on GDC's Web site	REF02	REF01 = NH	X(30)
38.	GDC Rate Subclass Code	Used to provide further classification of a rate.	REF02	REF01= PR	X(30)

39.	Maximum Daily Quantity (MDQ)	Maximum Daily Quantity (MDQ)- This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJESP Tariff.	REF02	REF01 = SJ	9(15).99
40.	Quantity Qualifier	Represents whether the quantity is actual or estimated: QD = Actual KA = Estimated	QTY01		X(2)
41.	Quantity Delivered	Represents quantity of consumption delivered for service period. Contains the difference in the meter readings.	QTY02	QTY01	9(10).9(4)
42.	Quantity Delivered Unit of Measurement	Indicates unit of measurement for quantity of consumption delivered during service period. . Only valid for Therms (TD)	QTY03		X(2)
43.	Measurement Reference Code	Code identifying category to which measurement applies.	MEA01		X(2)
44.	Consumption	Represents quantity of consumption delivered for service period. Contains the difference in the meter reads (or as measured by the meter).	MEA03	MEA02 = PRQ	9(9).9(4)
45.	Unit of Measure	Unit of measure for reads.	MEA04		X(2)
46.	Beginning Reading	Value specifying beginning reading for the metering period. Factors have not been applied to this value.	MEA05		9(8).9(4)
47.	Ending/Single Reading	The ending reading or single reading for metering period. Factors have not been applied to this value.	MEA06		9(8).9(4)
48.	Measurement Significance Code	Code used to benchmark, qualify, or further define a measurement value.	MEA07		X(2)
49.	Meter Multiplier	Meter Constant - used to represent how many units are reflected by one dial or digit increment.	MEA03	MEA02 = MU	9(9).9(4)
50.	Conversion Factor	Represents the BTU conversion factor when MEA02 equals "CF". When no Conversion Factor is present, do not send this MEA segment.	MEA03	MEA01 = CF	9(9).9(4)
51.	Pressure Base	Represents the pressure base when MEA01 equals "PU". When no pressure base is present, do not send this MEA segment.	MEA03	MEA02 = PU	9(9).9(4)
Unmetered Services Summary - Loop required if there are unmetered services on the account					
52.	Product Transfer Type	Unmetered Services Summary	PTD01= BC		X(2)

53.	Service Period Begin Date	Start date of the period for which the reads are provided	DTM02	DTM01 = 150	9(8)
54.	Service Period End Date	End date of the period for which the reads are provided	DTM02	DTM01 = 151	9(8)
55.	Quantity Qualifier	Represents that the quantity is actual: QD = Actual	QTY01		X(2)
56.	Quantity Delivered	Represents quantity of consumption delivered for service period.	QTY02	QTY01	9(10).9(4)
57.	Quantity Delivered Unit of Measurement	Indicates unit of measurement for quantity of consumption delivered during service period. . Only valid for Therms (TD)	QTY03		X(2)
PTD FG Loop for Scheduling Determinants					
58.	Product Transfer Type	Scheduling Determinants	PTD01= FG		X(2)
59	Quantity Delivered	Represents quantity of DCQ for month	QTY02	PTD: QTY01 = MA	9(15)
60	Quantity Delivered Unit of Measurement	Indicates unit of measurement for quantity of DCQ for month	QTY03=TD	PTD: QTY01 = MA	X(2)
61	Service Period Start	Start date of the period for which these DCQ's are provided	DTM02	QTY: DTM01 = 150	X(8)
62	Service Period End	End date of the period for which these DCQ's are provided	DTM02	QTY: DTM01 = 151	X(8)

867 Product Transfer and Resale Report

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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		

050	DTM	Date/Time Reference (649 = Document Due)	O	10	
LOOP ID - N1				5	
080	N1	Name (8S = GDC Name)	O	1	
LOOP ID - N1				5	
080	N1	Name (SJ =Service Provider)	O	1	
LOOP ID - N1				5	
080	N1	Name (8R = End Use Customer)	O	1	
120	REF	Reference Identification (12 = GDC Account Number)	O	12	
120	REF	Reference Identification (11 = ESP Account Number)	O	12	
120	REF	Reference Identification (BLT = Billing Type)	O	12	
120	REF	Reference Identification (PC = Party Calculating Charges)	O	12	

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PTD						>1
M	010	PTD	Product Transfer and Resale Detail (BB = Billed Summary)	M	1	
	020	DTM	Date/Time Reference (150 = Service Period Start)	O	>1	
	020	DTM	Date/Time Reference (151 = Service Period End)	O	10	
LOOP ID - QTY						>1
	110	QTY	Quantity (Billed Quantity)	O	1	
LOOP ID - PTD						>1
M	010	PTD	Product Transfer and Resale Detail (SU = Metered Summary)	M	1	
	020	DTM	Date/Time Reference (150 = Service Period Start)	O	10	
	020	DTM	Date/Time Reference (151 = Service Period End)	O	10	
LOOP ID - QTY						>1
	110	QTY	Quantity (Quantity Delivered or Estimated)	O	1	
LOOP ID - PTD						>1
M	010	PTD	Product Transfer and Resale Detail (PM = Meter Detail)	M	1	
	020	DTM	Date/Time Reference (150 = Service Period Start)	O	10	
	020	DTM	Date/Time Reference (151 = Service Period End)	O	10	
	020	DTM	Date/Time Reference (514 = Exchanged meter read date)	O	10	
	030	REF	Reference Identification (DQ = Highest Monthly Average Daily (HMAD))	O	>1	
	030	REF	Reference Identification (IX = Number of Dials)	O	20	
	030	REF	Reference Identification (JH = Meter Role)	O	20	
	030	REF	Reference Identification (MG = Meter Number)	O	20	
	030	REF	Reference Identification (NH = LDC Rate Code)	O	20	
	030	REF	Reference Identification (PR = LDC Rate Subclass)	O	20	
	030	REF	Reference Identification (SJ = Maximum Daily Quantity (MDQ))	O	>1	

			LOOP ID - QTY		>1
	110	QTY	Quantity (Quantity Delivered or Estimated)	O	1
	160	MEA	Measurements (Meter Readings)	O	40
	160	MEA	Measurements (Meter Multiplier)	O	40
	160	MEA	Measurements (CF = Conversion Factor)	O	40
	160	MEA	Measurements (PU = Pressure Factor)	O	40
			LOOP ID - PTD		>1
M	010	PTD	Product Transfer and Resale Detail (BC = Unmetered Services Summary)	M	1
	020	DTM	Date/Time Reference (150 = Service Period Start)	O	10
	020	DTM	Date/Time Reference (151 = Service Period End)	O	10
			LOOP ID - QTY		>1
	110	QTY	Quantity (Quantity Delivered)	O	1
			LOOP ID - PTD		>1
M	010	PTD	Product Transfer and Resale Detail (FG = Scheduling Determinants)	M	1
			LOOP ID - QTY		>1
	110	QTY	Quantity (MA = DCQ Quantity Delivered)	O	1
	210	DTM	Date/Time Reference (150 =- Service Period Start)	O	10
	210	DTM	Date/Time Reference (151 = Service Period End)	O	10

Summary:

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

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: NJ Use: Required
 Example: ST*867*000000001

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		NJ Use: Required	
		Example: ST*867*000000001	
		867 Product Transfer and Resale Report	
M	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **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: NJ Use: Required
 Examples: BPT*00*200002010001*20000131*DD
 BPT*00*200002010001*20000131*DD***F
 BPT*01*200002020001*20000131*DD*****2000020100001

Data Element Summary

Ref.	Data Element	Name	Attributes
M	BPT01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original Conveys original readings for the account being reported. 01 Cancellation Indicates that the readings previously reported for the account are to be ignored.	M ID 2/2
M/U	BPT02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	O AN 1/30
M	BPT03	373 Date Date expressed as CCYYMMDD Transaction Creation Date - the date that the data is processed by the application system.	M DT 8/8
	BPT04	755 Report Type Code Code indicating the title or contents of a document, report or supporting item DD Monthly Usage For monthly metered customers only (not interval metered customers).	O ID 2/2
	BPT07	306 Action Code Code indicating type of action Used by SJG and ETG. Not used by PSE&G or NJNG. F Final - Indicates Final Usage Code to indicate this is the final usage data being sent for this customer. Either the customer account is final with the GDC or the customer switched to a new ESP.	O ID 1/2

BPT09 **127** **Reference Identification** **C** **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

When BPT01 = 01 (cancel), this element is required and should contain the transaction identification number from BPT02 of the transaction that is being cancelled.

Segment: **DTM** Date/Time Reference (649 = Document Due)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

Notes: Required for Bill Ready Consolidated Billing where the meter reading party sends an 867 to the non-billing party, who calculates their own portion of the bill and sends the 810 to the billing party. Must be expressed in Eastern Prevailing Time. Not provided on cancel transaction.
 NJ Use: Required for Bill Ready, not used in Rate Ready or Dual Billing
 Examples: DTM*649*20000131*2359

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 649 Document Due The date that the non-billing party must provide the 810 transaction back to the billing party. This date must be at least 48 hours after the 867 is placed on the VAN.	M ID 3/3
M/U	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8
	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) HHMM format	X TM 4/8

Segment: **N1** Name (8S = GDC Name)
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
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: NJ Use: Required
 Example: N1*8S*GDC COMPANY*1*007909411

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) GDC	M ID 2/3
M/U	N102	93 Name Free-form name LDC Company Name	X AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
M/U	N104	67 Identification Code Code identifying a party or other code GDC D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80

Segment: **N1** Name (SJ =Service Provider)
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
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: NJ Use: Required
 Example: N1*SJ*ESP COMPANY*9*007909422ESP

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SJ Service Provider ESP	M ID 2/3
M/U	N102	93	Name Free-form name ESP Company Name	X AN 1/60
M/U	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
M/U	N104	67	Identification Code Code identifying a party or other code ESP D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80

Segment: **N1 Name (8R = End Use Customer)**
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
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: Notes: Please note that while you may place your N1 segments in any order, the REF segments that follow must be contained within the N1*8R loop.
 NJ Use: Required
 Example: N1*8R*CUSTOMER NAME

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer End Use Customer	M ID 2/3
N102	93	Name Free-form name Customer Name	X AN 1/60

Segment: **REF** Reference Identification (12 = GDC Account Number)
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

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

NJ Use:	Required
Example:	REF*12*1239485790

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account GDC-assigned account number for the end use customer. Must appear as it does on the customer's bill.	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (11 = ESP Account Number)
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is 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: NJ Use: Conditional - GDC's are required to provide this data if store in their system

GDCs are not required to store ESP account number their system. GDCs if storing will do so if provided on 814 enrollment and/or 814 change. If GDC does store ESP account number, GDC will provide ESP account number on all transactions.
 All GDCs except for Elizabethtown are storing ESP account number.
 Example: REF*11*1394959

Data Element Summary

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

Segment: **REF** Reference Identification (BLT = Billing Type)
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is 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: NJ Use: Required
 Example: REF*BLT*LDC

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BLT Billing Type Identifies whether the bill is consolidated by the GDC or ESP, or whether each party will render their own bill. See REF02 for valid values.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is BLT, valid values for REF02 are: LDC - The GDC bills the customer ESP - The ESP bills the customer DUAL - Each party bills the customer for their portion Note: Code for GDC consolidated billing is "LDC" for gas	X AN 1/30

Segment: **REF** Reference Identification (PC = Party Calculating Charges)
Position: 120
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PC Production Code Identifies the party that is to calculate the charges on the bill.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is PC, valid values for REF02 are: LDC - The GDC calculates the charges on the bill (Rate Ready) DUAL - Each party calculates its portion of the bill (Dual or Bill Ready) Note: Code for GDC consolidated billing is "LDC" for gas.	X AN 1/30

Segment: **PTD** **Product Transfer and Resale Detail (BB = Billed Summary)**
Position: 010
Loop: PTD Mandatory
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:

Notes: PTD Loops may be sent in any order.
 NJ Use: Required
 Example: PTD*BB***07*GAS

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer BB Monthly Billed Summary This information is obtained from the billing system to reflect the billing data for this account at the unit of measure level.	M ID 2/2
M/U	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification 07 Add-On System Number Used to identify product (GAS)	X ID 2/3
M/U	PTD05	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier GAS	X AN 1/30

Segment: **DTM** Date/Time Reference (150 = Service Period Start)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required
 Example: DTM*150*20120101

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 150 Service Period Start	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **DTM** Date/Time Reference (151 = Service Period End)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required
 Example: DTM*151*20120131

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier	M ID 3/3
				Code specifying type of date or time, or both date and time	
				151 Service Period End	
M/U	DTM02	373		Date	X DT 8/8
				Date expressed as CCYYMMDD	

Segment: **QTY** Quantity (Billed Quantity)
Position: 110
Loop: QTY Optional
Level: Detail
Usage: Optional
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: Billed Therms
 NJ Use: Required
 Example: QTY*D1*22348*TD
 SJG measures in HH but bills in TD

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity D1 Billed Used when Quantity in QTY02 is a "Billed" quantity.	M ID 2/2
M/U	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken TD Therms Billed therm as shown on customer's bill.	M ID 2/2

Segment: **PTD** **Product Transfer and Resale Detail (SU = Metered Summary)**
Position: 010
Loop: PTD Mandatory
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: PTD Loops may be sent in any order.
NJ Use: Does not include unmetered use.
Example: PTD*SU***07*GAS

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer SU Summary A summary loop will be provided for each type of consumption for every unit of measure for all meters in the account.	M ID 2/2
M/U	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification 07 Add-On System Number Used to identify product (GAS)	X ID 2/3
M/U	PTD05	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier GAS Identify Product being transferred	X AN 1/30

Segment: **DTM** Date/Time Reference (150 = Service Period Start)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required if account has metered services.
 Example: DTM*150*20120101

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier	M ID 3/3
				Code specifying type of date or time, or both date and time	
				150 Service Period Start	
M/U	DTM02	373		Date	X DT 8/8
				Date expressed as CCYYMMDD	

Segment: **DTM** **Date/Time Reference (151 = Service Period End)**
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required if account has metered services.
 Example: DTM*151*20120131

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier Code specifying type of date or time, or both date and time 151 Service Period End	M ID 3/3
M/U	DTM02	373		Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **QTY** **Quantity (Quantity Delivered or Estimated)**
Position: 110
Loop: QTY Optional
Level: Detail
Usage: Optional
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: There will be one QTY loop for each of the QTY03 Units of Measurement listed below that are measured on this account.
NJ Use: Required if account has metered services
Example: QTY*QD*22348*TD

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity KA Estimated Used when Quantity in QTY02 is Estimated QD Quantity Delivered Used when Quantity in QTY02 is Actual	M ID 2/2
M/U	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement is taken TD Therms Billed therm as shown on customer's bill.	M ID 2/2

Segment: **PTD** **Product Transfer and Resale Detail (PM = Meter Detail)**
Position: 010
Loop: PTD Mandatory
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: Notes: PTD Loops may be sent in any order.

There will be a separate PTD loop for each unit of measurement for each meter on the account.
 NJ Use: Required if this is a metered account.
 Example: PTD*PM***07*GAS

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer PM Physical Meter Information	M ID 2/2
M/U	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification 07 Add-On System Number Used to identify product (GAS)	X ID 2/3
M/U	PTD05	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier GAS Identify Product being transferred	X AN 1/30

Segment: **DTM** **Date/Time Reference (150 = Service Period Start)**
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

Notes: This date reflects the beginning of the date range for this meter for this billing period.

This specific PTD loop is required if there are metered services on the account.

NJ Use: Required, unless a "DTM*514" is substituted for this code.

Example: DTM*150*20120101

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 150 Service Period Start	M ID 3/3
M/U	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **DTM** Date/Time Reference (151 = Service Period End)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required if account has metered services.
 Example: DTM*150*20120101

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 151 Service Period End	M ID 3/3
M/U	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **DTM** Date/Time Reference (514 = Exchanged meter read date)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

Notes: Normally used in conjunction with EITHER the Service Period Start Date or the Service Period End Date to indicate when a meter has been replaced. Separate PTD loops must be created for each period and meter. PSE&G has an exception to this which occurs infrequently. PSE&G will send one PTD*PM loop for a single meter exchange when the same meter number is used for the old meter and new meter. This scenario occurs when an ERT device attached to the meter (not the actual meter) is changed or received maintenance requiring the meter indexes to be synched. The PTD*PM loop which will contain a DTM*150 (service start date) coupled with a DTM*514 (meter change out date) in addition there will be a DTM*514 (meter change out date) coupled with a DTM*151 (service end date).

NJ Use: Required when a meter is changed and the meter agent does not change.

Example: Date Range in the first PTD is shown as:

DTM*150*20120201
 DTM*514*20120214

Date Range in the second PTD is shown as:

DTM*514*20120214
 DTM*151*20120228

For multiple exchange

DTM*514*20161201
 DTM*514*20161201

For PSEG meter device exchange

DTM*150*20160607
 DTM*514*20160616
 DTM*514*20160617
 DTM*151*20160706

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	<u>ID</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		514 Transferred	
M/U	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	

Segment: **REF** Reference Identification (DQ = Highest Monthly Average Daily (HMAD))
Position: 030
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

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

Comments:
Notes:

NJ Use:	Used by New Jersey Natural Gas Only
Example:	REF*DQ*10.9

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DQ Delivery Quote Number Highest Month Average Daily (HMAD) Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (IX = Number of Dials)
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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IX Rate Card Number Number of Dials on the Meter displayed as the number of dials to the left of the decimal, a decimal point, and the number of dials to the right of the decimal.	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (JH = Meter Role)
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:

NJ Use: Required if consumption is provided at a meter level
 Example: REF*JH*A

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification JH Meter Role	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is JH, valid values for REF02 are: S = Subtractive - this consumption needs to be subtracted from the summarized total. A = Additive - this consumption contributed to the summarized total (do nothing). I = Ignore - this consumption did not contribute to the summarized total (do nothing).	X AN 1/30

Segment: **REF** Reference Identification (MG = Meter Number)
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: NJ Use: Required if this is a metered account and the meter is on the account at the end of the period. For some utilities, they may not be able to provide the actual meter number for a meter that has been changed out during the month. In that case, the REF*MG will not be sent.
 Example: REF*MG*2222277S

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification MG Meter Number	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (NH = LDC Rate Code)
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: NJ Use: Optional
 Example: REF*NH*GS1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification NH LDC Rate Code	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (PR = LDC Rate Subclass)
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:

Notes: This iteration of the REF segment is used for meter level information.
 NJ Use: Conditional: If maintained by utility, must be sent for each meter loop that is used for billing purposes.
 Example: REF*PR*123

ETG uses to indicate whether heat or non-heat. It is an concatenation of Rate Class + 'heat' or 'non-heat'
 Ex: REF*PR*GDS HEAT

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PR Price Quote Number LDC Rate Subclass - used to provide further classification of a rate.	M ID 2/3
M/U	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

Segment: **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ))
Position: 030
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

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

Comments:
Notes:

NJ Use: Used by New Jersey Natural Gas Only
 Example: REF*SJ*10.9

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SJ Set Number Maximum Daily Quantity (MDQ)- This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJNG's Tariff.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Note The two values (MDQ/HMAD) are used to derive the other fixed billable unit (Maximum Daily Balance Quantity) (MDB): This is the maximum quantity of gas balanced, by NJNG, for a customer/meter on a daily basis. NJNG does not need a home for MDB as it is calculated as follows (MDQ less HMAD = MDB)	X AN 1/30

Segment: **QTY** **Quantity (Quantity Delivered or Estimated)**
Position: 110
Loop: QTY Optional
Level: Detail
Usage: Optional
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:

Notes: There will be one QTY loop for each of the QTY03 Units of Measurement listed below for each meter that is measured on this account.

If a meter measures total usage, as well as on-peak and off-peak there will be three QTY loops sent within one PTD01=PM loop. The MEA segment that follows each QTY will specify which time of use the QTY applies to.

NJ Use: Required if there are metered services on the.

Example: QTY*QD*22348*TD

SJG and ETG use HH for meter measurements. Bills in TD. Multiply HH by Therm Conversion Factor to calculate Therms

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity KA Estimated Used when Quantity in QTY02 is Estimated QD Quantity Delivered Used when Quantity in QTY02 is Actual	M ID 2/2
M/U	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken HH Hundred Cubic Feet TD Therms Billed therm as shown on customer's bill.	M ID 2/2

Segment:	MEA Measurements (Meter Readings)
Position:	160
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<p>Notes: The MEA segment is sent for each QTY loop. The MEA will indicate the "time of use" that applies to the QTY. If meter readings are included in the MEA, they will indicate the "time of use" that the meter readings apply to.</p> <p>NJ Use: Required (optional on a cancellation)</p> <p>Examples: MEA*AA*PRQ*22348*HH***51</p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		737	Measurement Reference ID Code	O ID 2/2
			Code identifying the broad category to which a measurement applies	
			AA Meter reading-beginning actual/ending actual	
			AE Meter reading-beginning actual/ending estimated	
			AF Actual Total	
			BO Meter Reading as Billed	
			Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage	
			EA Meter reading-beginning estimated/ending actual	
			EE Meter reading-beginning estimated/ending estimated	
M/U	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
			PRQ Consumption	
M/U	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
			Represents quantity of consumption delivered for service period. Contains the difference in the meter readings (or as measured by the meter) multiplied by various factors, excluding Conversion Factor.	
	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in	

			which a measurement has been taken HH Hundred Cubic Feet TZ Thousand Cubic Feet	
D	MEA05	740	Range Minimum The value specifying the minimum of the measurement range Beginning reading Required for Residential. If the meter provides beginning and ending reads for on and off peak usage, then you must provide beginning and ending reads and consumption. If the meter does not provide beg/ending reads, you only provide consumption.	C R 1/20
M/U	MEA06	741	Range Maximum The value specifying the maximum of the measurement range Ending reading or single reading (e.g., Hundred Cubic Feet). Required for Residential. If the meter provides beginning and ending reads for on and off peak usage, then you must provide beginning and ending reads and consumption. If the meter does not provide beg/ending reads, you only provide consumption.	X R 1/20
M/U	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value 41 Off Peak 42 On Peak 43 Intermediate 51 Total Totalizer 66 Shoulder	O ID 2/2

Segment: **MEA** Measurements (Meter Multiplier)
Position: 160
Loop: QTY Optional
Level: Detail
Usage: Optional
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: NJ Use: Required for a meter that has a meter multiplier other than 1.
 Example: MEA**MU*2

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M/U	MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies MU Multiplier	O ID 1/3
M/U	MEA03	739	Measurement Value The value of the measurement Represents the meter constant when MEA02 equals "MU". When no multiplier is present, do not send this MEA segment.	X R 1/20

Segment:	MEA Measurements (CF = Conversion Factor)
Position:	160
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<p>NJ Use: The BTU conversion factor will allow a supplier to convert the CCF meter reading data to therms for billing.</p> <p>" New Jersey Natural Gas and South Jersey Gas will send therm factor in this segment (Billed therms = ccf * Conversion Factor).</p> <p>" Elizabethtown and PSE&G will send a heat content of ccf in this segment and will require the an addition segment containing the Pressure factor for conversion of ccf to Billed therms (Billed Therms = ccf * Conversion Factor * Pressure Base)</p> <p>Note that Measurement Qualifier is sent in MEA01 not MEA02</p> <p>Example: MEA*CF**1.025</p>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M/U	MEA01	737	Measurement Qualifier	O ID 2/2
			Code identifying the broad category to which a measurement applies	
			CF Conversion Factor	
			Conversion Factor - Relationship between CCFs and BTU.	
M/U	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
			Represents the BTU conversion factor when MEA02 equals "CF".	

Segment: **MEA** Measurements (PU = Pressure Factor)

Position: 160

Loop: QTY Optional

Level: Detail

Usage: Optional

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:

NJ Use: The BTU conversion factor will allow a supplier to convert the CCF meter reading data to therms for billing.
 Not used for New Jersey Natural Gas, South Jersey Gas or Elizabethtown.
 PSE&G will send a pressure base qualifier in the MEA02.

(Billed Therms = ccf * Conversion Factor * Pressure Factor).
 Example: MEA**PU*1.025

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M/U	MEA02	738 Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		PU Pressure Base	
		Factor used to convert CCF to Billed Therms	
M/U	MEA03	739 Measurement Value	X R 1/20
		The value of the measurement	
		Represents the pressure factor when MEA02 equals "PU".	

Segment: PTD Product Transfer and Resale Detail (BC = Unmetered Services Summary)
Position: 010
Loop: PTD Mandatory
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: PTD Loops may be sent in any order.
NJ Use: Required if there are unmetered services on this account.
Example: PTD*BC***07*GAS

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer BC Unmetered Services Summary	M ID 2/2
M/U	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification 07 Add-On System Number Used to identify product (GAS)	X ID 2/3

Segment: **DTM** **Date/Time Reference (150 = Service Period Start)**
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required if there are unmetered services on this account
 Example: DTM*150*20120101

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier Code specifying the type of date or time, or both date and time 150 Service Period Start	M ID 3/3
M/U	DTM02	373		Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **DTM** Date/Time Reference (151 = Service Period End)
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes:

NJ Use: Required if there are unmetered services on this account
 Example: DTM*151*20120131

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier	M ID 3/3
				Code specifying type of date or time, or both date and time	
				151 Service Period End	
M/U	DTM02	373		Date	X DT 8/8
				Date expressed as CCYYMMDD	

Segment: **QTY** Quantity (Quantity Delivered)
Position: 110
Loop: QTY Optional
Level: Detail
Usage: Optional
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: This loop is required when there are unmetered services on the account. This will contain the total quantity for the unmetered services.
NJ Use: Required is there are unmetered services on the account -
Example: QTY*QD*500*TD

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity QD Quantity Delivered Used when Quantity in QTY02 is Actual	M ID 2/2
M/U	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken TD Therms Billed therm as shown on customer's bill.	M ID 2/2

Segment: **PTD** **Product Transfer and Resale Detail (FG = Scheduling Determinants)**
Position: 010
Loop: PTD Mandatory
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:

Notes: This PTD Loop will be used when providing DCQ information by account.
NJ Use: Optional
Note: Only PSEG is using this loop; PSEG provides this information accumulated on the account service (gas) level for DCQ quantities for all remaining months until the next DCQ renewal date. The DCQ renewal date is the next anniversary of the DCQ effective date as described in the Implementation Guideline for the 867HU transaction, page 34. For example, if the current 867MU transaction is dated November 7, 2006 and the DCQ effective date was June 1, 2006 then the DCQs provided will be for the period December 1, 2006 through May 31, 2007.

In the event that PSEG sends a transaction associated with a bill cancellation there will be no DCQ information in that record. However, any subsequent replacement (rebill) record will have DCQ information in it and that information may in some cases differ from the DCQ information originally provided. PSEG encourages suppliers who wish to utilize the DCQ information in this transaction to always retain and use the DCQ information from the most recent transaction for any given customer account.

Examples: PTD*FG***07*GAS

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer FG Flowing Gas Information DCQ Consumption Provided	M ID 2/2
M/U	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification 07 Add-On System Number Used to identify product (GAS)	X ID 2/3
M/U	PTD05	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier GAS Identify Product being transferred	X AN 1/30

Segment: **QTY** Quantity (MA = DCQ Quantity Delivered)
Position: 110
Loop: QTY Optional
Level: Detail
Usage: Optional
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: Each QTY/DTM loop conveys DCQ information about the given account for one monthly cycle.
NJ Use: Used only by PSE&G for providing up to 12 months of DCQ's; see comments on page 54 (Scheduling Determinants loop)
Example: QTY*MA*5210*TD

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity MA Miscellaneous Allowance	M ID 2/2
M/U	QTY02	380	Quantity Numeric value of quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken TD Therms Billed therm as shown on customer's bill.	M ID 2/2

Segment: **DTM** **Date/Time Reference (150 =- Service Period Start)**
Position: 210
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes: NJ Use: Used only by PSE&G for providing the last 12 months of DCQ's
 Example: DTM*150*20120701

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier	M ID 3/3
				Code specifying type of date or time, or both date and time	
				150 Service Period Start	
M/U	DTM02	373		Date	X DT 8/8
				Date expressed as CCYYMMDD	

Segment: **DTM** Date/Time Reference (151 = Service Period End)
Position: 210
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:

Comments:

Notes: NJ Use: Used only by PSE&G for providing the last 12 months of DCQ's
 Example: DTM*151*20120731

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		Date/Time Qualifier	M ID 3/3
				Code specifying type of date or time, or both date and time	
				151 Service Period End	
M/U	DTM02	373		Date	X DT 8/8
				Date expressed as CCYYMMDD	

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: NJ Use: Required
 Example: SE*28*00000001

Data Element Summary

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

EXAMPLES:**Single Meter**
**Elizabethtown Gas Co. 867 MU Examples
 Single Meter Consumption (1078.9 Therms)**
Header

Segment Contents	Element Description
ST*867*0000000001	Transaction Set Identifier Code: 867 , <i>Product Transfer</i> Transaction Set Control Number: 0000000001 , <i>Identifying Control Number</i>
BPT*00*NUI28565738810009237C999999587*20121130*DD	Transaction Set Purpose Code: 00 , <i>Original</i> Transaction Reference Number: NUI28565738810009237C999999587 System Date: 20121130 Report Type Code: DD , <i>Monthly Usage</i>
DTM*649*20121130*2015	Date Time Reference: 649 , <i>Document Date</i> Date: 20121130 Time: 2015
N1*8S*ELIZABETHTOWN GAS*1*123456789	Entity Identifier Code: 8S , <i>Consumer Service Provider</i> Name: Elizabethtown Gas , <i>GDC Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 123456789 , <i>DUNS Number</i>
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , <i>Service Provider</i> Name: ESP Company Name , <i>ESP Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 012345678 , <i>DUNS Number</i>
N1*8R*JANE DOE	Entity Identifier Code: 8R , <i>End Use Customer</i> Name: JANE DOE , <i>Customer Name</i>
REF*11*8645835	Reference Identification Qualifier: 11 , <i>ESP, Not Provided by ETG</i> Reference Identification: 8645835 , <i>ESP Account No, Not Provided by ETG</i>
REF*12*1234567890	Reference Identification Qualifier: 12 , <i>Billing Account</i> Reference Identification: 1234567890 , <i>GDC Account Number</i>
REF*BLT*DUAL	Reference Identification Qualifier: BLT , <i>Billing Type</i> Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , <i>Party Calculating Charges</i> Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
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PTD*BB***07*GAS	Product Transfer Type Code: BB , <i>Monthly Billing Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121109	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121109</i>
QTY*D1*1078.9*TD	Quantity Qualifier: D1 , <i>Quantity Billed</i> Quantity: 1078.9 Unit or Basis for Measurement Code: TD , <i>Therms</i>
PTD*SU***07*GAS	Product Transfer Type Code: SU , <i>Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121109	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121109</i>
QTY*QD*1078.9*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 1078.9 Unit or Basis for Measurement Code: TD , <i>Therms</i>

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , <i>Physical Meter Information</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121109	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121109</i>
REF*MG*02302938	Reference Identification Qualifier: MG , <i>Meter Number</i> Reference Identification: 02302938
REF*NH*203	Reference Identification Qualifier: NH , <i>LDC Rate Code</i> Reference Identification: 203
REF*PR*834	Reference Identification Qualifier: PR , <i>LDC Rate Subclass</i> Reference Identification: 834
REF*JH*A	Reference Identification Qualifier: JH , <i>Meter Role</i> Reference Identification: A , <i>Additive</i>

REF*IX*5.0*HH	Reference Identification Qualifier: IX , <i>Number of Dials</i> Reference Identification: 5.0 , <i>Dials</i> Reference Identification: HH , <i>Type of Consumption</i>
QTY*QD*1078.9*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 1078.9 Unit or Basis for Measurement Code: TD , <i>Therms</i>
MEA*AA*PRQ*974*HH*12308*13282*51	Measurement Reference Code: AA , <i>Meter Reading Beginning/Ending Actual</i> Measurement Qualifier: PRQ , <i>Consumption</i> Measurement Value: 974 Measurement Code: HH Range Minimum: 12308 , <i>Beginning Reading</i> Range Maximum: 13282 , <i>Ending Reading</i> Measurement Significant Code: 51 , <i>Total</i>
MEA**MU*1.068	Measurement Qualifier: MU , <i>Meter Multiplier</i> Measurement Value: 1.068
MEA*CF**1.037	Measurement Qualifier: CF , <i>Conversion Factor</i> Measurement Value: 1.037
MEA**PU*1	Measurement Qualifier: PU , <i>Pressure Base</i> Measurement Value: 1

PSE&G 867MU**Monthly Usage****Single Meter****Heading:**

Segment Contents	Element Description
ST*867*857251284	Transaction Set Identifier Code: 867 , <i>Product Transfer</i> Transaction Set Control Number: 857251284 , <i>Identifying Control Number</i>
BPT*00*250003769214*20121203*DD	Transaction Set Purpose Code: 00 , Original Reference Identification: 250003769214 Transaction Date: 20121203 , Transaction Create Date Report Type Code: DD , Usage
DTM*649*20121206*0700	Date/Time Qualifier: 649 , Document Due Date/Time Date: 20121206 Time: 0700
N1*8S*PSE&G*9*006973812GASP	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Character Suffix Identification Code: 006973812GASP , DUNS Number
N1*SJ*GAS SUPPLIER*9*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: DOE CORP , Customer Name
REF*11*PG000011781111111111	Reference Identification Qualifier: 11 , Supplier Account Reference Identification: PG000011781111111111 , ESP Account Number
REF*12*PG000011781111111111	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG000011781111111111 , GDC Account Number
REF*45*5297555555	Reference Identification Qualifier: 45 , Old Billing Account Reference Identification: 5297555555 Old GDC Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL

REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL
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Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
QTY*D1*506.562*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 1765.035 Unit or Basis for Measurement Code: TD , Therms
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
QTY*QD*506.562*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 1765.035 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031

DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*2432434	Reference Identification Qualifier: MG , Meter Number Reference Identification: 2432434
REF*IX*5.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials
REF*NH*GSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: GSG (HTG)
QTY*QD*506.562*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 506.562 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*484.748*TD*91957*92436*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 484.748 Measurement Code: TD Range Minimum: 91957 , Beginning Reading Range Maximum: 92436 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.045	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.045
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

FG Loop Scheduling

Segment Contents	Element Description
PTD*FG***07*GAS	Product Transfer Type Code: FG (Flowing Gas Information) Reference Identification Qualifier: 07 , Product Reference Identification: GAS

QTY*MA*5.968*TD	Quantity Qualifier: MA , Miscellaneous Allowance, Daily Contract Quantity - Twelve (12) months of daily contract quantities (DCQs) are provided beginning with the DCQ effective date Quantity: 5.968 Unit or Basis for Measurement Code: TD , Therms
DTM*150*20121001	Date/Time Qualifier: 150 , Service Period Start Date: 20121001
DTM*151*20121031	Date/Time Qualifier: 151 , Service Period End Date: 20121031
QTY*MA*8.664*TD	
DTM*150*20121101	
DTM*151*20121130	
QTY*MA*29.082*TD	
DTM*150*20121201	
DTM*151*20121231	
QTY*MA*34.454*TD	
DTM*150*20130101	
DTM*151*20130131	
QTY*MA*38.946*TD	
DTM*150*20130201	
DTM*151*20130228	
QTY*MA*20.398*TD	
DTM*150*20130301	
DTM*151*20130331	
QTY*MA*4.663*TD	
DTM*150*20130401	
DTM*151*20130430	
QTY*MA*1.081*TD	

DTM*150*20130501	
DTM*151*20130531	
QTY*MA*0.673*TD	
DTM*150*20130601	
DTM*151*20130630	
QTY*MA*0.666*TD	
DTM*150*20130701	
DTM*151*20130731	
QTY*MA*0.663*TD	
DTM*150*20130801	
DTM*151*20130831	
QTY*MA*0.911*TD	
DTM*150*20130901	
DTM*151*20130930	
QTY*MA*0.663*TD	
DTM*150*20131001	
DTM*151*20131031	
QTY*MA*21.682*TD	
DTM*150*20131101	
DTM*151*20131130	
QTY*MA*33.065*TD	
DTM*150*20131201	
DTM*151*20131231	

Summary:

Segment Contents	Element Description
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SE*78*857251284

Transaction Set Identifier Code: **78**, *No. Of Included Segments*
Transaction Set Control Number: **857251284**, *Identifying Control Number*

SOUTH JERSEY GAS 867 MU Example**Monthly Usage****Single Meter****Heading:**

Segment Contents	Element Description
ST*867*902626138	Transaction Set Identifier Code: 867 , Product Transfer Transaction Set Control Number: 902626138 , Identifying Control Number
BPT*00*41954461905201302070020130208*20130208*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 41954461905201302070020130208 System Date: 20130208 Report Type Code: DD , Monthly Usage
N1*8S*SOUTH JERSEY GAS COMPANY*1*051409605	Entity Identifier Code: 8S , Consumer Service Provider Name: SOUTH JERSEY GAS COMPANY , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 051409605 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
REF*12*4195446111188889999	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 4195446111188889999 , GDC Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130110	Date/Time Qualifier: 150 , Service Period Start Date: 20130110
DTM*151*20130207	Date/Time Qualifier: 151 , Service Period End Date: 20130207

QTY*D1*104.2*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 104.2 Unit or Basis for Measurement Code: TD , Therms
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130110	
DTM*151*20130207	
QTY*QD*104.2*TD	

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130110	Date/Time Qualifier: 150 , Service Period Start Date: 20130110
DTM*151*20130207	Date/Time Qualifier: 151 , Service Period End Date: 20130207
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*0245984	Reference Identification Qualifier: MG , Meter Number Reference Identification: 0245984
REF*IX*4	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*1190880100	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: 1190880100
QTY*QD*104.2*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 104.2 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*100*TD*7675*7775*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 100 Measurement Code: TD Range Minimum: 7675 , Beginning Reading Range Maximum: 7775 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.042	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.042

Summary:

Segment Contents	Element Description
SE*28*902626138	Transaction Set Identifier Code: 28 , <i>No. Of Included Segments</i> Transaction Set Control Number: 902626138 , <i>Identifying Control Number</i>

Cancel / Rebill

**Elizabethtown Gas Co. 867 MU Examples
Cancelled Meter Consumption (0 Therms)
Header**

Segment Contents	Element Description
ST*867*000000001	Transaction Set Identifier Code: 867 , <i>Product Transfer</i> Transaction Set Control Number: 000000001 , <i>Identifying Control Number</i>
BPT*01*NUI28565738810009259B121016628*20121120*DD *****NUI28565738810009269C999999628	Transaction Set Purpose Code: 01 , <i>Cancellation</i> Transaction Reference Number: NUI28565738810009259B121016628 , <i>Reference No. previously sent for billed usage</i> System Date: 20121120 Report Type Code: DD , <i>Monthly Usage</i> Original Reference Identification: NUI28565738810009237C999999628 ,
N1*8S*ELIZABETHTOWN GAS*1*123456789	Entity Identifier Code: 8S , <i>Consumer Service Provider</i> Name: Elizabethtown Gas , <i>GDC Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 123456789 , <i>DUNS Number</i>
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , <i>Service Provider</i> Name: ESP Company Name , <i>ESP Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 012345678 , <i>DUNS Number</i>
N1*8R*JANE DOE	Entity Identifier Code: 8R , <i>End Use Customer</i> Name: JANE DOE , <i>Customer Name</i>
REF*11*8645835	Reference Identification Qualifier: 11 , <i>ESP, Not Provided by ETG</i> Reference Identification: 8645835 , <i>ESP Account No, Not Provided by ETG</i>
REF*12*1234567890	Reference Identification Qualifier: 12 , <i>Billing Account</i> Reference Identification: 1234567890 , <i>GDC Account Number</i>
REF*BLT*DUAL	Reference Identification Qualifier: BLT , <i>Billing Type</i> Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , <i>Party Calculating Charges</i> Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
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PTD*BB***07*GAS	Product Transfer Type Code: BB , <i>Monthly Billing Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121012	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121012</i>
QTY*D1*0*TD	Quantity Qualifier: D1 , <i>Quantity Billed</i> Quantity: 0 Unit or Basis for Measurement Code: TD , <i>Therms</i>
PTD*SU***07*GAS	Product Transfer Type Code: SU , <i>Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121012	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121012</i>
QTY*QD*0*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 0 Unit or Basis for Measurement Code: TD , <i>Therms</i>

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , <i>Physical Meter Information</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120913	Date/Time Qualifier: 150 , <i>Service Period Start Date: 20120913</i>
DTM*151*20121012	Date/Time Qualifier: 151 , <i>Service Period End Date: 20121012</i>
REF*MG*02302938	Reference Identification Qualifier: MG , <i>Meter Number</i> Reference Identification: 02302938
REF*NH*203	Reference Identification Qualifier: NH , <i>LDC Rate Code</i> Reference Identification: 203
REF*PR*834	Reference Identification Qualifier: PR , <i>LDC Rate Subclass</i> Reference Identification: 834
REF*JH*A	Reference Identification Qualifier: JH , <i>Meter Role</i> Reference Identification: A , <i>Additive</i>
REF*IX*5.0*HH	Reference Identification Qualifier: IX , <i>Number of Dials</i> Reference Identification: 5.0 , <i>Dials</i> Reference Identification: HH , <i>Type of</i>

	<i>Consumption</i>
QTY*QD*0*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 0 Unit or Basis for Measurement Code: TD , <i>Therms</i>
MEA*AA*PRQ*0*HH*10339*10339*51	Measurement Reference Code: AA , <i>Meter Reading Beginning/Ending Actual</i> Measurement Qualifier: PRQ , <i>Consumption</i> Measurement Value: 0 Measurement Code: HH Range Minimum: 10339 , <i>Beginning Reading</i> Range Maximum: 10339 , <i>Ending Reading</i> Measurement Significant Code: 51 , <i>Total</i>
MEA**MU*1.068	Measurement Qualifier: MU , <i>Meter Multiplier</i> Measurement Value: 1.068
MEA*CF**0	Measurement Qualifier: CF , <i>Conversion Factor</i> Measurement Value: 0
MEA**PU*1	Measurement Qualifier: PU , <i>Pressure Base</i> Measurement Value: 1

PSE&G 867MU**Monthly Usage****Cancel****Heading:**

Segment Contents	Element Description
ST*867*819151233	Transaction Set Identifier Code: 867 , Product Transfer Transaction Set Control Number: 857251284 , Identifying Control Number
BPT*01*20121002008379375*20121002*DD***F* *030151096935	Transaction Set Purpose Code: 01 , Cancel Reference Identification: 20121002008379375 Transaction Date: 20121002 , Transaction Create Date Report Type Code: DD , Usage Final Usage Indicator: F Original Reference Identification: 030151096935
N1*8S*PSE&G*9*006973812GASP	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Character Suffix Identification Code: 006973812GASP , DUNS Number
N1*SJ*ESP COMPANY NAME*9*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*DOE CORP	Entity Identifier Code: 8R , End Use Customer Name: DOE CORP , Customer Name
REF*12*PG000008361111111111	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG000008361111111111 , GDC Account Number
REF*45*6190000000	Reference Identification Qualifier: 45 , Old Billing Account Reference Identification: 6190000000 Old GDC Account Number
REF*BLT*DUAL	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120731	Date/Time Qualifier: 150 , Service Period Start Date: 20120731
DTM*151*20120827	Date/Time Qualifier: 151 , Service Period End Date: 20120827

QTY*D1*23.088*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 23.088 Unit or Basis for Measurement Code: TD , Therms
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120731	Date/Time Qualifier: 150 , Service Period Start Date: 20120731
DTM*151*20120827	Date/Time Qualifier: 151 , Service Period End Date: 20120827
QTY*QD*23.088*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 23.088 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120731	Date/Time Qualifier: 150 , Service Period Start Date: 20120731
DTM*151*20120827	Date/Time Qualifier: 151 , Service Period End Date: 20120827
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*1554555	Reference Identification Qualifier: MG , Meter Number Reference Identification: 1554555
REF*IX*5.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials
REF*NH*GSG	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: GSG
QTY*QD*23.088*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 23.088 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*22.264*TD*21237*21259*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 22.264 Measurement Code: TD Range Minimum: 21237 , Beginning Reading Range Maximum: 21259 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.037	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.037
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

FG Loop Scheduling

Segment Contents	Element Description
PTD*FG***07*GAS	Product Transfer Type Code: FG (Flowing Gas Information) Reference Identification Qualifier: 07 , Product Reference Identification: GAS
QTY*MA*0.452*TD	Quantity Qualifier: MA , Miscellaneous Allowance, Daily Contract Quantity - Twelve (12) months of daily contract quantities (DCQs) are provided beginning with the DCQ effective date Quantity: 0.452 Unit or Basis for Measurement Code: TD , Therms
DTM*150*20120701	Date/Time Qualifier: 150 , Service Period Start Date: 20120701
DTM*151*20120731	Date/Time Qualifier: 151 , Service Period End Date: 20120731
QTY*MA*0.441*TD	
DTM*150*20120801	
DTM*151*20120831	
QTY*MA*0.556*TD	
DTM*150*20120901	
DTM*151*20120930	
QTY*MA*2.919*TD	
DTM*150*20121001	
DTM*151*20121031	
QTY*MA*16.839*TD	
DTM*150*20121101	
DTM*151*20121130	
QTY*MA*30.107*TD	
DTM*150*20121201	
DTM*151*20121231	
QTY*MA*34.179*TD	
DTM*150*20130101	
DTM*151*20130131	

Summary:

Segment Contents	Element Description
SE*52*819151233	Transaction Set Identifier Code: 52 , <i>No. Of Included Segments</i> Transaction Set Control Number: 819151233 , <i>Identifying Control Number</i>

SOUTH JERSEY GAS 867 MU Example

Monthly Usage

Cancel

Heading:

Segment Contents	Element Description
ST*867*902625677	Transaction Set Identifier Code: 867 , Product Transfer Transaction Set Control Number: 902625677 , Identifying Control Number
BPT*01*11538450310201302070120130208*20 130208*DD*****1153845031020130207002013 0207	Transaction Set Purpose Code: 01 , Cancel Transaction Reference Number: 1538450310201302070120130208 System Date: 20130208 Report Type Code: DD , Monthly Usage Original Transaction Reference Number: 11538450310201302070020130207
N1*8S*SOUTH JERSEY GAS COMPANY*1*051409605	Entity Identifier Code: 8S , Consumer Service Provider Name: SOUTH JERSEY GAS COMPANY , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 051409605 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*01245678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
REF*12*1153845033388889999	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 1153845033388889999 , GDC Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130111	Date/Time Qualifier: 150 , Service Period Start Date: 20130111
DTM*151*20130207	Date/Time Qualifier: 151 , Service Period End Date: 20130207
QTY*D1*129.208*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 129.208 Unit or Basis for Measurement Code: TD , Therms

PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130111	Date/Time Qualifier: 150 , Service Period Start Date: 20130111
DTM*151*20130207	Date/Time Qualifier: 151 , Service Period End Date: 20130207
QTY*KA*129.208*TD	Quantity Qualifier: KA , Estimated Quantity: 129.208 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130111	Date/Time Qualifier: 150 , Service Period Start Date: 20130111
DTM*151*20130207	Date/Time Qualifier: 151 , Service Period End Date: 20130207
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*0526077	Reference Identification Qualifier: MG , Meter Number Reference Identification: 0526077
REF*IX*4	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*1190880100	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: 1190880100
QTY*KA*129.208*TD	Quantity Qualifier: KA , Estimated Quantity: 129.208 Unit or Basis for Measurement Code: TD , Therms
MEA*EA*PRQ*124*TD*2554*2678*51	Measurement Reference Code: EA , Meter Reading Beginning Estimated/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 124 Measurement Code: TD Range Minimum: 2554 , Beginning Reading Range Maximum: 2678 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1

Summary:

Segment Contents	Element Description
SE*27*902625677	Transaction Set Identifier Code: 27 , <i>No. Of Included Segments</i> Transaction Set Control Number: 902625677 , <i>Identifying Control Number</i>

Multiple Meters**Elizabethtown Gas Co. 867 MU Examples
Multiple Meter Consumption (12685.4 Therms)****Header**

Segment Contents	Element Description
ST*867*0000000001	Transaction Set Identifier Code: 867 , <i>Product Transfer</i> Transaction Set Control Number: 0000000001 , <i>Identifying Control Number</i>
BPT*00*NUI32893293100009239C999999587*20121219*DD	Transaction Set Purpose Code: 00 , <i>Original</i> Transaction Reference Number: NUI28565738810009237C999999587 System Date: 20121219 Report Type Code: DD , <i>Monthly Usage</i>
DTM*649*20121219*2030	Date Time Reference: 649 , <i>Document Date</i> Date: 20121219 Time: 2030
N1*8S*ELIZABETHTOWN GAS*1*123456789	Entity Identifier Code: 8S , <i>Consumer Service Provider</i> Name: Elizabethtown Gas , <i>GDC Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 123456789 , <i>DUNS Number</i>
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , <i>Service Provider</i> Name: ESP Company Name , <i>ESP Name</i> Identification Code Qualifier: 1 , <i>DUNS Number Dun & Bradstreet</i> Identification Code: 012345678 , <i>DUNS Number</i>
N1*8R*JANE DOE	Entity Identifier Code: 8R , <i>End Use Customer</i> Name: JANE DOE , <i>Customer Name</i>
REF*11*8645835	Reference Identification Qualifier: 11 , <i>ESP, Not Provided by ETG</i> Reference Identification: 8645835 , <i>ESP Account No, Not Provided by ETG</i>
REF*12*1234567890	Reference Identification Qualifier: 12 , <i>Billing Account</i> Reference Identification: 1234567890 , <i>GDC Account Number</i>
REF*BLT*DUAL	Reference Identification Qualifier: BLT , <i>Billing Type</i> Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , <i>Party Calculating Charges</i> Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
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PTD*BB***07*GAS	Product Transfer Type Code: BB , <i>Monthly Billing Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120914	Date/Time Qualifier: 150 , <i>Service Period Start Date</i> : 20120914
DTM*151*20121213	Date/Time Qualifier: 151 , <i>Service Period End Date</i> : 20121213
QTY*D1*12685.4*TD	Quantity Qualifier: D1 , <i>Quantity Billed</i> Quantity: 12685.4 Unit or Basis for Measurement Code: TD , <i>Therms</i>
PTD*SU***07*GAS	Product Transfer Type Code: SU , <i>Summary</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120914	Date/Time Qualifier: 150 , <i>Service Period Start Date</i> : 20120914
DTM*151*20121213	Date/Time Qualifier: 151 , <i>Service Period End Date</i> : 20121213
QTY*QD*12685.4*TD	Quantity Qualifier: D1 , <i>Quantity Billed</i> Quantity: 12685.4 Unit or Basis for Measurement Code: TD , <i>Therms</i>

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , <i>Physical Meter Information</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120914	Date/Time Qualifier: 150 , <i>Service Period Start Date</i> : 20120914
DTM*151*20121213	Date/Time Qualifier: 151 , <i>Service Period End Date</i> : 20121213
REF*MG*02500130	Reference Identification Qualifier: MG , <i>Meter Number</i> Reference Identification: 02500130
REF*NH*203	Reference Identification Qualifier: NH , <i>LDC Rate Code</i> Reference Identification: 203
REF*PR*834	Reference Identification Qualifier: PR , <i>LDC Rate Subclass</i> Reference Identification: 834
REF*JH*A	Reference Identification Qualifier: JH , <i>Meter Role</i> Reference Identification: A , <i>Additive</i>
REF*IX*5.0*HH	Reference Identification Qualifier: IX , <i>Number of Dials</i> Reference Identification: 5.0 , <i>Dials</i> Reference Identification: HH , <i>Type of</i>

	<i>Consumption</i>
QTY*QD*12172.7*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 12172.7 Unit or Basis for Measurement Code: TD , <i>Therms</i>
MEA*AA*PRQ*10982*HH*56881*67863*51	Measurement Reference Code: AA , <i>Meter Reading Beginning/Ending Actual</i> Measurement Qualifier: PRQ , <i>Consumption</i> Measurement Value: 10982 Measurement Code: HH Range Minimum: 56881 , <i>Beginning Reading</i> Range Maximum: 67862 , <i>Ending Reading</i> Measurement Significant Code: 51 , <i>Total</i>
MEA**MU*1.068	Measurement Qualifier: MU , <i>Meter Multiplier</i> Measurement Value: 1.068
MEA*CF**1.038	Measurement Qualifier: CF , <i>Conversion Factor</i> Measurement Value: 1.038
MEA**PU*1	Measurement Qualifier: PU , <i>Pressure Base</i> Measurement Value: 1
PTD*PM***07*GAS	Product Transfer Type Code: PM , <i>Physical Meter Information</i> Reference Identification Qualifier: 07 , <i>Add on System No.</i> Reference Identification: GAS
DTM*150*20120914	Date/Time Qualifier: 150 , <i>Service Period Start Date</i> : 20120914
DTM*151*20121213	Date/Time Qualifier: 151 , <i>Service Period End Date</i> : 20121213
REF*MG*02165794	Reference Identification Qualifier: MG , <i>Meter Number</i> Reference Identification: 02165794
REF*NH*203	Reference Identification Qualifier: NH , <i>LDC Rate Code</i> Reference Identification: 203
REF*PR*834	Reference Identification Qualifier: PR , <i>LDC Rate Subclass</i> Reference Identification: 834
REF*JH*A	Reference Identification Qualifier: JH , <i>Meter Role</i> Reference Identification: A , <i>Additive</i>
REF*IX*5.0*HH	Reference Identification Qualifier: IX , <i>Number of Dials</i> Reference Identification: 5.0 , <i>Dials</i> Reference Identification: HH , <i>Type of Consumption</i>
QTY*QD*419.3*TD	Quantity Qualifier: QD , <i>Quantity Delivered</i> Quantity: 419.3 Unit or Basis for Measurement Code: TD , <i>Therms</i>

MEA*AA*PRQ*404*HH*58383*58787*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 404 Measurement Code: HH Range Minimum: 58383 , Beginning Reading Range Maximum: 58787 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.038	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.038
MEA**PU*1	Measurement Qualifier: PU , Pressure Base Measurement Value: 1
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120914	Date/Time Qualifier: 150 , Service Period Start Date: 20120914
DTM*151*20121213	Date/Time Qualifier: 151 , Service Period End Date: 20121213
REF*MG*02238836	Reference Identification Qualifier: MG , Meter Number Reference Identification: 02238836
REF*NH*203	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: 203
REF*PR*834	Reference Identification Qualifier: PR , LDC Rate Subclass Reference Identification: 834
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*IX*5.0*HH	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials Reference Identification: HH , Type of Consumption
QTY*QD*93.4*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 93.4 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*90*HH*79709*79799*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 90 Measurement Code: HH Range Minimum: 79709 , Beginning Reading Range Maximum: 79799 , Ending Reading Measurement Significant Code: 51 , Total

MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.038	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.038
MEA**PU*1	Measurement Qualifier: PU , Pressure Base Measurement Value: 1

PSE&G 867MU**Monthly Usage****Multiple Meters****Heading:**

Segment Contents	Element Description
ST*867*857282683	Transaction Set Identifier Code: 867 , Product Transfer Transaction Set Control Number: 857282683 , Identifying Control Number
BPT*00*029004783399*20121203*DD	Transaction Set Purpose Code: 00 , Original Reference Identification: 20121204009576234 Transaction Date: 20121203 , Transaction Create Date Report Type Code: DD , Usage
N1*8S*PSE&G*9*006973812GASP	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Characters Identification Code: 006973812GASP , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*DOE CORP	Entity Identifier Code: 8R , End Use Customer Name: DOE CORP , Customer Name
REF*12*PG000011781111111111	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG000011781111111111 , GDC Account Number
REF*BLT*DUAL	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
QTY*D1*1765.035*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 1765.035 Unit or Basis for Measurement Code: TD , Therms
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
QTY*QD*1765.035*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 1765.035 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop - First Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
REF*JH*A	Reference Identification Qualifier: JH , Meter Role

	Reference Identification: A , Additive
REF*MG*3153153	Reference Identification Qualifier: MG , Meter Number Reference Identification: 3153153
REF*IX*5.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials
REF*NH*GSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: GSG (HTG)
QTY*QD*1.058*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 1.058 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*1689.028*TD*3481*3482*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 1689.028 Measurement Code: TD Range Minimum: 3481 , Beginning Reading Range Maximum: 3482 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.045	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.045
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

Meter Services Detail Loop - Second Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
REF*JH*A	Reference Identification Qualifier: JH , Meter Role

	Reference Identification: A , Additive
REF*MG*3573573	Reference Identification Qualifier: MG , Meter Number Reference Identification: 3573573
REF*IX*5.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials
REF*NH*GSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: GSG (HTG)
QTY*QD*875.643*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 875.643 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*837.936*TD*20408*21236*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 837.936 Measurement Code: TD Range Minimum: 20408 , Beginning Reading Range Maximum: 21236 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.045	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.045
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

Meter Services Detail Loop - Third Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20121031	Date/Time Qualifier: 150 , Service Period Start Date: 20121031
DTM*151*20121130	Date/Time Qualifier: 151 , Service Period End Date: 20121130
REF*JH*A	Reference Identification Qualifier: JH , Meter Role

	Reference Identification: A , Additive
REF*MG*3573574	Reference Identification Qualifier: MG , Meter Number Reference Identification: 3573574
REF*IX*5.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5.0 , Dials
REF*NH*GSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: GSG (HTG)
QTY*QD*888.334*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 888.334 Unit or Basis for Measurement Code: TD , Therms
MEA*EA*PRQ*850.08*TD*15279*16119*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 850.08 Measurement Code: TD Range Minimum: 15279 , Beginning Reading Range Maximum: 16119 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.045	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.045
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

FG Loop Scheduling

Segment Contents	Element Description
PTD*FG***07*GAS	Product Transfer Type Code: FG (Flowing Gas Information) Reference Identification Qualifier: 07 , Product Reference Identification: GAS
QTY*MA*68.875*TD	Quantity Qualifier: MA , Miscellaneous Allowance, Daily Contract Quantity - Two months of daily contract quantities (DCQs) are provided beginning with the DCQ Quantity: 68.875 Unit or Basis for Measurement Code: TD , Therms
DTM*150*20121001	Date/Time Qualifier: 150 , Service Period Start Date: 20121001

DTM*151*20121031	Date/Time Qualifier: 151 , Service Period End Date: 20121031
QTY*MA*46.51*TD	
DTM*150*20121101	
DTM*151*20121130	
QTY*MA*54.861*TD	
DTM*150*20121201	
DTM*151*20121231	
QTY*MA*52.483*TD	
DTM*150*20130101	
DTM*151*20130131	
QTY*MA*69.038*TD	
DTM*150*20130201	
DTM*151*20130228	
QTY*MA*222.501*TD	
DTM*150*20130301	
DTM*151*20130331	
QTY*MA*49.726*TD	
DTM*150*20130401	
DTM*151*20130430	
QTY*MA*103.665*TD	
DTM*150*20130501	
DTM*151*20130531	
QTY*MA*36.646*TD	
DTM*150*20130601	
DTM*151*20130630	

QTY*MA*35.038*TD	
DTM*150*20130701	
DTM*151*20130731	
QTY*MA*35.289*TD	
DTM*150*20130801	
DTM*151*20130831	
QTY*MA*35.038*TD	
DTM*150*20130901	
DTM*151*20130930	
QTY*MA*109.151*TD	
DTM*150*20131001	
DTM*151*20131031	
QTY*MA*42.779*TD	
DTM*150*20131101	
DTM*151*20131130	
QTY*MA*52.737*TD	
DTM*150*20131201	
DTM*151*20131231	
QTY*MA*59.802*TD	
DTM*150*20140101	
DTM*151*20140131	

Summary:

Segment Contents	Element Description
SE*102*857282683	Transaction Set Identifier Code: 102 , <i>No. Of Included Segments</i> Transaction Set Control Number: 57282683 , <i>Identifying Control Number</i>

Meter Exchange**PSE&G 867MU****Monthly Usage****Meter Exchange****Heading:**

Segment Contents	Element Description
ST*867*824808156	Transaction Set Identifier Code: 867 , Product Transfer Transaction Set Control Number: 857251284 , Identifying Control Number
BPT*00*018504747552*20121010*DD	Transaction Set Purpose Code: 00 , Original Reference Identification: 018504747552 Transaction Date: 20121010 , Transaction Create Date Report Type Code: DD , Usage
DTM*649*20121015*0700	Date/Time Qualifier: 649 , Document Due Date/Time Date: 20121015 Time: 0700
N1*8S*PSE&G*9*006973812GASP	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Character Suffix Identification Code: 006973812GASP , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
REF*11*35367000000000	Reference Identification Qualifier: 11 , Supplier Account Reference Identification: 35367000000000 , ESP Account Number
REF*12*PG000009419999999999	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG000009419999999999 , GDC Account Number
REF*45*6424020000	Reference Identification Qualifier: 45 , Old Billing Account Reference Identification: 6424020000 , Old GDC Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120909	Date/Time Qualifier: 150 , Service Period Start Date: 20120909
DTM*151*20121009	Date/Time Qualifier: 151 , Service Period End Date: 20121009

QTY*D1*24.204*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 24.204 Unit or Basis for Measurement Code: TD , Therms
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120909	Date/Time Qualifier: 150 , Service Period Start Date: 20120909
DTM*151*20121009	Date/Time Qualifier: 151 , Service Period End Date: 20121009
QTY*QD*24.204*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 24.204 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop - Old Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120909	Date/Time Qualifier: 150 , Service Period Start Date: 20120909
DTM*151*20121009	Date/Time Qualifier: 151 , Service Period End Date: 20121009
DTM*514*20120930	Date/Time Qualifier: 514 , Meter Exchange Date Date: 20120930
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*1566516	Reference Identification Qualifier: MG , Meter Number Reference Identification: 1566513
REF*IX*4.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4.0 , Dials
REF*NH*RSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: RSG (HTG)
QTY*QD*12.593*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 12.593 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*23.276*TD*502*514*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 23.276 Measurement Code: TD Range Minimum: 502 , Beginning Reading Range Maximum: 514 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.037	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.037

MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012
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Meter Services Detail Loop - New Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20120909	Date/Time Qualifier: 150 , Service Period Start Date: 20120909
DTM*151*20121009	Date/Time Qualifier: 151 , Service Period End Date: 20121009
DTM*514*20120930	Date/Time Qualifier: 514 , Meter Exchange Date Date: 20120930
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*3774947	Reference Identification Qualifier: MG , Meter Number Reference Identification: 3774947
REF*IX*4.0	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4.0 , Dials
REF*NH*RSG (HTG)	Reference Identification Qualifier: NH , LDC Rate Code Reference Identification: RSG (HTG)
QTY*QD*11.611*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 11.611 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*11.132*TD*0*11*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 11.132 Measurement Code: TD Range Minimum: 0 , Beginning Reading Range Maximum: 11 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*1	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 1
MEA*CF**1.043	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.043
MEA**PU*1.012	Measurement Qualifier: PU , Pressure Base Measurement Value: 1.012

FG Loop Scheduling

Segment Contents	Element Description
PTD*FG***07*GAS	Product Transfer Type Code: FG (Flowing Gas Information) Reference Identification Qualifier: 07 , Product Reference Identification: GAS

QTY*MA*1.006*TD	Quantity Qualifier: MA , Miscellaneous Allowance, Daily Contract Quantity - Twelve (12) months of daily contract quantities (DCQs) are provided beginning with the DCQ effective date Quantity: 1.006 Unit or Basis for Measurement Code: TD , Therms
DTM*150*20120901	Date/Time Qualifier: 150 , Service Period Start Date: 20120901
DTM*151*20120930	Date/Time Qualifier: 151 , Service Period End Date: 20120930
QTY*MA*3.876*TD	
DTM*150*20121001	
DTM*151*20121031	
QTY*MA*7.155*TD	
DTM*150*20121101	
DTM*151*20121130	
QTY*MA*9.727*TD	
DTM*150*20121201	
DTM*151*20121231	
QTY*MA*9.946*TD	
DTM*150*20130101	
DTM*151*20130131	
QTY*MA*9.846*TD	
DTM*150*20130201	
DTM*151*20130228	

Summary:

Segment Contents	Element Description
SE*65*824808156	Transaction Set Identifier Code: 65 , <i>No. Of Included Segments</i> Transaction Set Control Number: 857251284 , <i>Identifying Control Number</i>

NJNG 867 MU Example
Monthly Usage - Original
Single Meter - RT
Heading:

Segment Contents	Element Description
BPT*00*01340123212107753490113067AMB*20130309*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 01340123212107753490113067AMB System Date: 20130309 Report Type Code: DD , Monthly Usage
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*013401232121	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 013401232121 , GDC Account Number
REF*11*123456789	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 123456789 , ESP Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304

QTY*D1*163.1898*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 163.1898 Unit or Basis for Measurement Code: TD , Therms
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Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
QTY*QD*163.1898*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 163.1898 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00562805	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00562805
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*003RNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 003RNN4G
REF*PR*RES	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: RES
QTY*QD*163.1898*TD	Quantity Qualifier: QD Quantity Delivered Quantity: 163.1898 Unit or Basis for Measurement Code: TD , Therms

MEA*AA*PRQ*153*HH*3480*3633*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 153 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 3480 Beginning Reading Range Maximum: 3633 Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

NJNG 867 MU Example
Monthly Usage - Original
Single Meter - SCR
Heading:

Segment Contents	Element Description
BPT*00*10343476532007753490113067AMB*20130309*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 41954461905201302070020130208 System Date: 20130208 Report Type Code: DD , Monthly Usage
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company, GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*103434765320	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 103434765320 , GDC Account Number
REF*11*987654321	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 987654321 , ESP Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
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PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130201	Date/Time Qualifier: 150 , Service Period Start Date: 20130201
DTM*151*20130305	Date/Time Qualifier: 151 , Service Period End Date: 20130305
QTY*D1*62.9294*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 62.9294 Unit or Basis for Measurement Code: TD , Therms

Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130201	Date/Time Qualifier: 150 , Service Period Start Date: 20130201
DTM*151*20130305	Date/Time Qualifier: 151 , Service Period End Date: 20130305
QTY*QD*62.9294*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 62.9294 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130201	Date/Time Qualifier: 150 , Service Period Start Date: 20130201
DTM*151*20130305	Date/Time Qualifier: 151 , Service Period End Date: 20130305
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00783898	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00783898
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*007SNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 007SNN4G

REF*PR*COM	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: COM
REF*SJ*4.00	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 4.00
QTY*QD*62.9294*TD	Quantity Qualifier: QD , Quantity Billed Quantity: 104.2 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*59*HH*1832*1891*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 59 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 1832 , Beginning Reading Range Maximum: 1891 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

NJNG 867 MU Example**Monthly Usage - Original****Single Meter - CTB****Heading:**

Segment Contents	Element Description
BPT*00*02451745953307753490113067AHC*20130309*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 41954461905201302070020130208 System Date: 20130208 Report Type Code: DD , Monthly Usage
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
REF*12*024517459533	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 024517459533 , GDC Account Number

REF*11*11111111	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 11111111 , ESP Account Number
REF*BLT*DUAL	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130124	Date/Time Qualifier: 150 , Service Period Start Date: 20130124
DTM*151*20130222	Date/Time Qualifier: 151 , Service Period End Date: 20130222
QTY*D1*15252.3800*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 15252.3800 Unit or Basis for Measurement Code: TD , Therms

Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130124	Date/Time Qualifier: 150 , Service Period Start Date: 20130124
DTM*151*20130222	Date/Time Qualifier: 151 , Service Period End Date: 20130222
QTY*QD*15252.3800*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 15252.3800 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130124	Date/Time Qualifier: 150 , Service Period Start Date: 20130124

DTM*151*20130222	Date/Time Qualifier: 151 , Service Period End Date: 20130222
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00508976	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00508976
REF*IX*6.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*057CNA2G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 057CNA2G
REF*PR*COM	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: COM
REF*DQ*827.38	Reference Identification Qualifier: DQ , Highest Monthly Average Demand (HMAD) Reference Identification: 827.38
REF*SJ*1125.24	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 1125.24
QTY*QD*15252.3800*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 15252.3800 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*14300*HH*865*1008*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 14300 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 865 , Beginning Reading Range Maximum: 1008 Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*100	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 100
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

NJNG 867 MU Example**Monthly Usage - Original****Single Meter - Meter Exchange****Heading:**

Segment Contents	Element Description
BPT*00*22000504000107753490113067DOM*20130309*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 22000504000107753490113067DOM System Date: 20130309 Report Type Code: DD , Monthly Usage

N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*220005040001	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 220005040001 , GDC Account Number
REF*11*1000023844429	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 1000023844429 , ESP Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130205	Date/Time Qualifier: 150 , Service Period Start Date: 20130205
DTM*151*20130306	Date/Time Qualifier: 151 , Service Period End Date: 20130306
QTY*D1*251.7176*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 251.7176 Unit or Basis for Measurement Code: TD , Therms

Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130205	Date/Time Qualifier: 150 , Service Period Start Date: 20130205

DTM*151*20130306	Date/Time Qualifier: 151 , Service Period End Date: 20130306
QTY*QD*251.7176*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 251.7176 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop - Old Meter

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130205	Date/Time Qualifier: 150 , Service Period Start Date: 20130205
DTM*514*20130226	Date/Time Qualifier: 514 , Meter Exchange Date Date: 20130226
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00148353	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00508976
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*003RNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 003RNN4G
REF*PR*RES	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: RES
QTY*QD*191.9880*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 191.9880 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*180*HH*4555*4735*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 180 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 4555 , Beginning Reading Range Maximum: 4735 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

Meter Services Detail Loop - New Meter

Segment Contents	Element Description
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PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*514*20130226	Date/Time Qualifier: 514 , Meter Exchange Date Date: 20130226
DTM*151*20130306	Date/Time Qualifier: 151 , Service Period End Date: 20130306
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00922619	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00922619
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*003RNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 003RNN4G
REF*PR*RES	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: RES
QTY*QD*59.7296*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 59.7296 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*56*HH*0*56*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 56 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 0 , Beginning Reading Range Maximum: 56 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

NJNG 867 MU Example
Monthly Usage - Original
Single Meter - Final Bill
Heading:

Segment Contents	Element Description
BPT*00*22001292047007753490113067ECO*20130309 *DD***F	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 41954461905201302070020130208 System Date: 20130208 Report Type Code: DD , Monthly Usage Action Code: F , Final Indicator

N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*220012920470	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 220012920470 , GDC Account Number
REF*11*5710511	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 5710511 , ESP Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130226	Date/Time Qualifier: 2604
DTM*151*20130308	Date/Time Qualifier: 151 , Service Period End Date: 20130308
QTY*D1*32.1480*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 32.1480 Unit or Basis for Measurement Code: TD , Therms

Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130226	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130308	Date/Time Qualifier: 151 , Service Period End Date: 20130304

QTY*QD*32.1480*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 32.1480 Unit or Basis for Measurement Code: TD , Therms
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Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130226	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130308	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00833041	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00833041
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*003RNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 003RNN4G
REF*PR*RES	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: RES
QTY*QD*32.1480*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 32.1480 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*30*HH*2431*2461*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 30 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 2431 , Beginning Reading Range Maximum: 2461 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0716	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0716

NJNG 867 MU Example**Monthly Usage - Cancellation****Single Meter****Heading:**

Segment Contents	Element Description
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BPT*01*22001305553707748886113066AMBC*20130301*DD*****22001305553707748886113059AMB	Transaction Set Purpose Code: 01 , Cancel Transaction Reference Number: 22001305553707748886113066AMBC System Date: 20130301 Report Type Code: DD , Monthly Usage
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678,	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*220013055537	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 220013055537 , GDC Account Number
REF*11*1212121212	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 1212121212 , ESP Account Number
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB**07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130128	Date/Time Qualifier: 150 , Service Period Start Date: 20130128
DTM*151*20130226	Date/Time Qualifier: 151 , Service Period End Date: 20130226
QTY*D1*65.3676*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 65.3676 Unit or Basis for Measurement Code: TD , Therms

Monthly Account Summary Loop

Segment Contents	Element Description
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PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130128	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130226	Date/Time Qualifier: 151 , Service Period End Date: 20130304
QTY*KA*65.3676*TD	Quantity Qualifier: KA , Quantity Estimated Quantity: 65.3676 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130128	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130226	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00818864	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00818864
REF*IX*4.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 4 , Dials
REF*NH*003RNN4G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 003RNN4G
REF*PR*RES	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: RES
QTY*KA*65.3676*TD	Quantity Qualifier: KA , Quantity Estimated Quantity: 65.3676 Unit or Basis for Measurement Code: TD , Therms
MEA*AE*PRQ*61*HH*1486*1547*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 61 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 1486 , Beginning Reading Range Maximum: 1547 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0716	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0716

NJNG 867 MU Example
Monthly Usage - Original
Multiple Meters
Heading:

Segment Contents	Element Description
BPT*00*02341678161707753490113067MET*20130309*DD	Transaction Set Purpose Code: 00 , Original Transaction Reference Number: 02341678161707753490113067MET System Date: 20130309 Report Type Code: DD , Monthly Usage
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name
REF*12*023416781617	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 023416781617 , GDC Account Number
REF*11*023416781617	Reference Identification Qualifier: 11 , ESP Account Number Reference Identification: 023416781617 , ESP Account Number
REF*BLT*DUAL	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

Monthly Billed Summary Loop

Segment Contents	Element Description
PTD*BB***07*GAS	Product Transfer Type Code: BB , Monthly Billing Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304

QTY*D1*2281.5060*TD	Quantity Qualifier: D1 , Quantity Billed Quantity: 2281.5060 Unit or Basis for Measurement Code: TD , Therms
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Monthly Account Summary Loop

Segment Contents	Element Description
PTD*SU***07*GAS	Product Transfer Type Code: SU , Summary Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
QTY*QD*2281.5060*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 2281.5060 Unit or Basis for Measurement Code: TD , Therms

Meter Services Detail Loop - Meter 1

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00383087	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00383087
REF*IX*5.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5 , Dials
REF*NH*006SNN2G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 006SNN2G
REF*PR*COM	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: COM
REF*SJ*10.00	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 10.00
QTY*QD*339.6972*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 339.6972 Unit or Basis for Measurement Code: TD , Therms

MEA*AA*PRQ*317*HH*28029*28346*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 317 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 28029 , Beginning Reading Range Maximum: 28346 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0716	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0716

Meter Services Detail Loop - Meter 2

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00912929	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00383087
REF*IX*5.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 5 , Dials
REF*NH*004SNN2G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 006SNN2G
REF*PR*COM	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: COM
REF*SJ*26.00	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 26.00
QTY*QD*585.0936*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 585.0936 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*546*HH*2407*2953*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 546 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 2407 , Beginning Reading Range Maximum: 2953 , Ending Reading Measurement Significant Code: 51 , Total

MEA*CF**1.0716	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0716
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Meter Services Detail Loop - Meter 3

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00810919	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00810919
REF*IX*6.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 6 , Dials
REF*NH*008CNA2G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 008CNA2G
REF*PR*IND	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: IND
REF*DQ*167.12	Reference Identification Qualifier: DQ , Highest Monthly Average Daily (HMAD) Reference Identification: 167.12
REF*SJ*227.28	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 227.28
QTY*QD*1322.5840*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 339.6972 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*1240*HH*3819*3943*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 1240 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 3819 , Beginning Reading Range Maximum: 3943 , Ending Reading Measurement Significant Code: 51 , Total
MEA**MU*10	Measurement Qualifier: MU , Meter Multiplier Measurement Value: 10
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666

Meter Services Detail Loop - Meter 4

Segment Contents	Element Description
PTD*PM***07*GAS	Product Transfer Type Code: PM , Physical Meter Information Reference Identification Qualifier: 07 , Add on System No. Reference Identification: GAS
DTM*150*20130204	Date/Time Qualifier: 150 , Service Period Start Date: 20130204
DTM*151*20130304	Date/Time Qualifier: 151 , Service Period End Date: 20130304
REF*JH*A	Reference Identification Qualifier: JH , Meter Role Reference Identification: A , Additive
REF*MG*00489134	Reference Identification Qualifier: MG , Meter Number Reference Identification: 00489134
REF*IX*6.0*HHMON	Reference Identification Qualifier: IX , Number of Dials Reference Identification: 6 , Dials
REF*NH*008SNN2G	Reference Identification Qualifier: NH , GDC Rate Code Reference Identification: 008SNN2G
REF*PR*IND	Reference Identification Qualifier: PR , GDC Rate SubClass Reference Identification: IND
REF*SJ*16.00	Reference Identification Qualifier: SJ , Maximum Daily Quantity (MDQ) Reference Identification: 16.00
QTY*QD*34.1312*TD	Quantity Qualifier: QD , Quantity Delivered Quantity: 34.1312 Unit or Basis for Measurement Code: TD , Therms
MEA*AA*PRQ*32*HH*5012*5044*51	Measurement Reference Code: AA , Meter Reading Beginning/Ending Actual Measurement Qualifier: PRQ , Consumption Measurement Value: 32 Measurement Code: HH , Hundred Cubic Feet Range Minimum: 5012 , Beginning Reading Range Maximum: 5044 , Ending Reading Measurement Significant Code: 51 , Total
MEA*CF**1.0666	Measurement Qualifier: CF , Conversion Factor Measurement Value: 1.0666